



Yara Pilbara Nitrates

2023-24 Meteorological Conditions

Ministerial Statement 870

8th July 2023 – 7th July 2024

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Document Custodian	Environment and Quality Manager
Document Approver	Plant Manager

Yara Pilbara

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Air Quality Stations Map





Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/12/2023 16:20	9.3	306	10	12.4	0.0		68
21/12/2023 16:30	10.7	311	7	14.7	0.0		68
21/12/2023 16:40	10.2	312	8	14.0	0.0		67
21/12/2023 16:50	9.4	309	10	13.0	0.0		67
21/12/2023 17:00	8.6	306	11	12.4	0.0		69
21/12/2023 17:10	8.7	298	12	12.4	0.0		68
21/12/2023 17:20	9.9	286	6	12.8	0.0		69
21/12/2023 17:30	10.0	287	7	12.7	0.0		69
21/12/2023 17:40	10.0	286	6	13.4	0.0		70
21/12/2023 17:50	9.9	288	7	13.3	0.0		71
21/12/2023 18:00	10.4	289	7	13.3	0.0		71
21/12/2023 18:10	9.9	290	7	12.7	0.0		71
21/12/2023 18:20	10.1	288	6	13.2	0.0		71
21/12/2023 18:30	10.4	288	5	13.2	0.0		72
21/12/2023 18:40	10.2	288	6	13.5	0.0		72
21/12/2023 18:50	10.0	290	6	12.6	0.0		72
21/12/2023 19:00	9.2	290	7	11.9	0.0		72
21/12/2023 19:10	8.9	290	7	12.2	0.0		72
21/12/2023 19:20	9.0	290	6	11.2	0.0		72
21/12/2023 19:30	9.0	281	6	11.9	0.0		72
21/12/2023 19:40	7.9	283	8	11.2	0.0		72
21/12/2023 19:50	9.0	280	6	11.7	0.0		72
21/12/2023 20:00	8.6	281	7	11.6	0.0		72
21/12/2023 20:10	8.4	281	7	10.8	0.0		72
21/12/2023 20:20	8.0	277	7	11.4	0.0		72
21/12/2023 20:30	9.4	279	6	12.2	0.0		72
21/12/2023 20:40	8.8	278	7	12.2	0.0		72
21/12/2023 20:50	8.8	278	7	11.8	0.0		72
21/12/2023 21:00	9.3	276	6	11.9	0.0		72
21/12/2023 21:10	9.4	272	5	12.6	0.0		73
21/12/2023 21:20	8.9	273	7	12.0	0.0		73
21/12/2023 21:30	9.4	273	7	12.0	0.0		73
21/12/2023 21:40	9.5	272	7	13.0	0.0		72
21/12/2023 21:50	9.2	271	7	12.6	0.0		72
21/12/2023 22:00	9.6	271	6	12.0	0.0		72
21/12/2023 22:10	9.7	268	5	13.5	0.0		72
21/12/2023 22:20	9.4	267	6	12.1	0.0		72
21/12/2023 22:30	9.9	270	6	12.7	0.0		72
21/12/2023 22:40	10.1	267	6	13.3	0.0		72
21/12/2023 22:50	10.1	265	6	13.0	0.0		72
21/12/2023 23:00	9.2	266	6	12.5	0.0		72
21/12/2023 23:10	8.6	263	6	12.5	0.0		71
21/12/2023 23:20	9.6	264	5	12.6	0.0		71
21/12/2023 23:30	9.5	263	6	12.7	0.0		71
21/12/2023 23:40	9.1	264	6	12.8	0.0		71
21/12/2023 23:50	9.8	261	6	13.1	0.0		71
22/12/2023 00:00	9.9	262	6	12.6	0.0		71
22/12/2023 00:10	9.3	263	7	12.7	0.0		71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/12/2023 00:20	9.1	263	7	12.2	0.0		71
22/12/2023 00:30	9.6	261	6	12.4	0.0		71
22/12/2023 00:40	8.8	262	5	11.4	0.0		71
22/12/2023 00:50	9.4	266	6	11.8	0.0		71
22/12/2023 01:00	7.7	260	6	9.7	0.0		71
22/12/2023 01:10	9.1	260	6	11.4	0.0		71
22/12/2023 01:20	9.3	260	6	12.1	0.0		71
22/12/2023 01:30	9.1	258	7	12.7	0.0		71
22/12/2023 01:40	8.0	254	7	10.9	0.0		71
22/12/2023 01:50	8.1	251	8	10.5	0.0		71
22/12/2023 02:00	6.9	248	10	10.1	0.0		71
22/12/2023 02:10	6.4	249	8	9.2	0.0		71
22/12/2023 02:20	8.1	251	8	10.2	0.0		71
22/12/2023 02:30	7.3	255	6	10.0	0.0		71
22/12/2023 02:40	7.1	261	6	9.4	0.0		71
22/12/2023 02:50	6.1	255	7	8.1	0.0		71
22/12/2023 03:00	6.5	252	8	8.5	0.0		71
22/12/2023 03:10	6.5	256	7	8.4	0.0		71
22/12/2023 03:20	6.3	257	7	8.3	0.0		71
22/12/2023 03:30	6.9	259	6	8.8	0.0		71
22/12/2023 03:40	7.0	254	7	9.2	0.0		71
22/12/2023 03:50	7.2	258	5	9.1	0.0		71
22/12/2023 04:00	7.7	258	6	9.8	0.0		71
22/12/2023 04:10	7.5	260	7	10.2	0.0		71
22/12/2023 04:20	7.8	258	6	10.1	0.0		71
22/12/2023 04:30	8.3	259	6	11.2	0.0		71
22/12/2023 04:40	8.0	263	6	10.1	0.0		71
22/12/2023 04:50	8.2	260	5	10.4	0.0		71
22/12/2023 05:00	7.8	263	7	10.0	0.0		71
22/12/2023 05:10	7.0	259	7	9.4	0.0		71
22/12/2023 05:20	7.0	262	6	9.7	0.0		71
22/12/2023 05:30	7.7	260	7	10.1	0.0		71
22/12/2023 05:40	7.5	259	5	9.8	0.0		71
22/12/2023 05:50	7.0	262	7	9.9	0.0		71
22/12/2023 06:00	3.8	297	27	6.0	0.0		71
22/12/2023 06:10	4.5	304	27	6.4	0.0		70
22/12/2023 06:20	5.8	264	6	8.3	0.0		70
22/12/2023 06:30	4.7	273	8	6.5	0.0		70
22/12/2023 06:40	5.7	265	7	7.5	0.0		70
22/12/2023 06:50	5.2	274	8	7.3	0.0		70
22/12/2023 07:00	5.6	265	6	7.1	0.0		70
22/12/2023 07:10	6.1	263	7	7.8	0.0		69
22/12/2023 07:20	7.0	267	9	8.6	0.0		69
22/12/2023 07:30	6.2	267	9	8.0	0.0		69
22/12/2023 07:40	6.2	273	7	7.9	0.0		68
22/12/2023 07:50	5.8	276	8	7.3	0.0		68
22/12/2023 08:00	6.4	279	8	7.7	0.0		68
22/12/2023 08:10	6.3	271	8	8.3	0.0		67



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2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/12/2023 08:20	6.4	277	9	8.0	0.0		68
22/12/2023 08:30	6.6	282	7	8.2	0.0		67
22/12/2023 08:40	6.4	278	9	8.5	0.0		66
22/12/2023 08:50	6.5	275	7	8.5	0.0		66
22/12/2023 09:00	7.4	271	6	9.1	0.0		67
22/12/2023 09:10	7.0	272	9	8.7	0.0		67
22/12/2023 09:20	7.2	272	7	9.2	0.0		67
22/12/2023 09:30	7.2	270	7	9.5	0.0		66
22/12/2023 09:40	7.6	269	6	9.8	0.0		66
22/12/2023 09:50	7.5	276	7	9.2	0.0		65
22/12/2023 10:00	7.2	272	9	9.4	0.0		65
22/12/2023 10:10	7.6	269	8	9.4	0.0		65
22/12/2023 10:20	7.3	270	8	9.2	0.0		65
22/12/2023 10:30	7.2	272	7	9.6	0.0		65
22/12/2023 10:40	8.1	267	7	9.7	0.0		65
22/12/2023 10:50							
22/12/2023 11:00							
22/12/2023 11:10							
22/12/2023 11:20							
22/12/2023 11:30							
22/12/2023 11:40							
22/12/2023 11:50	7.8	279	8	9.9	5.0		64
22/12/2023 12:00	8.4	270	6	11.1	0.2		64
22/12/2023 12:10	8.6	270	8	11.1	0.0		64
22/12/2023 12:20	8.4	272	8	10.3	0.0		64
22/12/2023 12:30	8.8	270	7	10.7	0.0		63
22/12/2023 12:40	8.4	270	6	10.6	0.0		62
22/12/2023 12:50	8.5	271	7	10.4	0.0		63
22/12/2023 13:00	8.7	274	6	10.8	0.0		62
22/12/2023 13:10	8.0	269	9	10.0	0.0		62
22/12/2023 13:20	8.0	272	8	10.2	0.0		62
22/12/2023 13:30	8.2	271	8	10.2	0.0		62
22/12/2023 13:40	9.0	265	6	10.9	0.0		64
22/12/2023 13:50	9.3	267	6	11.2	0.0		65
22/12/2023 14:00	8.9	269	7	11.0	0.0		65
22/12/2023 14:10	8.9	270	8	11.0	0.0		64
22/12/2023 14:20	8.5	273	8	11.0	0.0		63
22/12/2023 14:30	9.0	270	7	11.5	0.0		64
22/12/2023 14:40	8.7	271	5	11.3	0.0		63
22/12/2023 14:50	8.7	274	6	10.5	0.0		66
22/12/2023 15:00	8.6	275	7	11.0	0.0		65
22/12/2023 15:10	8.6	273	6	10.6	0.0		67
22/12/2023 15:20	9.1	269	6	11.3	0.0		67
22/12/2023 15:30	9.3	267	7	11.1	0.0		67
22/12/2023 15:40	9.6	266	5	11.8	0.0		69
22/12/2023 15:50	9.2	265	6	11.0	0.0		69
22/12/2023 16:00	8.9	268	6	11.2	0.0		68
22/12/2023 16:10	8.8	269	8	10.9	0.1		68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/12/2023 16:20	9.1	274	6	11.6	0.0		69
22/12/2023 16:30	10.0	274	6	12.1	0.0		71
22/12/2023 16:40	8.8	270	8	10.9	0.0		71
22/12/2023 16:50	9.1	272	8	12.0	0.0		72
22/12/2023 17:00	9.4	269	8	12.5	0.0		72
22/12/2023 17:10	9.7	268	6	12.7	0.0		73
22/12/2023 17:20	10.2	271	7	12.7	0.0		74
22/12/2023 17:30	9.9	271	6	12.8	0.0		74
22/12/2023 17:40	10.1	275	7	12.6	0.0		74
22/12/2023 17:50	10.3	276	6	12.6	0.0		74
22/12/2023 18:00	10.3	277	6	13.4	0.0		76
22/12/2023 18:10	10.2	278	6	12.7	0.0		76
22/12/2023 18:20	9.3	275	7	12.0	0.0		76
22/12/2023 18:30	9.6	275	6	12.5	0.0		76
22/12/2023 18:40	9.9	273	5	12.8	0.0		78
22/12/2023 18:50	10.1	277	6	13.3	0.0		80
22/12/2023 19:00	10.1	276	5	12.9	0.0		81
22/12/2023 19:10	9.3	272	7	11.9	0.0		80
22/12/2023 19:20	9.9	271	6	12.7	0.0		79
22/12/2023 19:30	10.3	269	6	13.1	0.0		78
22/12/2023 19:40	9.9	266	6	12.4	0.0		77
22/12/2023 19:50	9.7	268	6	12.8	0.0		77
22/12/2023 20:00	10.3	269	6	13.2	0.0		78
22/12/2023 20:10	10.1	267	6	13.5	0.0		77
22/12/2023 20:20	11.1	265	6	13.8	0.0		77
22/12/2023 20:30	11.2	263	6	14.1	0.0		79
22/12/2023 20:40	10.0	267	6	12.9	0.0		79
22/12/2023 20:50	10.4	265	6	13.8	0.0		79
22/12/2023 21:00	10.4	263	6	13.4	0.0		81
22/12/2023 21:10	9.4	264	5	12.2	0.0		80
22/12/2023 21:20	10.3	267	6	13.3	0.0		80
22/12/2023 21:30	9.2	266	6	11.9	0.0		81
22/12/2023 21:40	9.8	264	5	13.7	0.0		79
22/12/2023 21:50	9.6	266	6	12.5	0.0		79
22/12/2023 22:00	8.5	265	6	11.0	0.0		80
22/12/2023 22:10	9.3	262	6	11.9	0.0		79
22/12/2023 22:20	8.9	264	6	11.9	0.0		80
22/12/2023 22:30	9.3	261	6	12.3	0.0		80
22/12/2023 22:40	8.4	262	6	10.9	0.0		81
22/12/2023 22:50	8.6	259	6	10.9	0.0		80
22/12/2023 23:00	8.4	260	6	11.6	0.0		81
22/12/2023 23:10	8.3	260	7	11.7	0.0		81
22/12/2023 23:20	8.3	260	6	10.4	0.0		81
22/12/2023 23:30	8.7	258	7	11.4	0.0		81
22/12/2023 23:40	8.5	259	5	11.1	0.0		81
22/12/2023 23:50	7.1	257	7	9.2	0.0		81
23/12/2023 00:00	7.3	258	6	10.0	0.0		81
23/12/2023 00:10	7.7	258	6	9.8	0.0		81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/12/2023 00:20	8.2	257	6	10.2	0.0		81
23/12/2023 00:30	8.1	256	6	10.4	0.0		81
23/12/2023 00:40	6.7	254	6	8.9	0.0		81
23/12/2023 00:50	6.6	255	8	9.4	0.0		81
23/12/2023 01:00	6.9	251	9	9.2	0.0		80
23/12/2023 01:10	7.4	252	8	9.7	0.0		79
23/12/2023 01:20	7.4	252	7	9.6	0.0		79
23/12/2023 01:30	7.3	253	7	9.5	0.0		79
23/12/2023 01:40	7.5	257	6	9.8	0.0		79
23/12/2023 01:50	7.9	255	6	10.4	0.0		80
23/12/2023 02:00	7.2	256	7	9.4	0.0		80
23/12/2023 02:10	6.4	258	7	8.3	0.0		81
23/12/2023 02:20	7.0	257	6	8.9	0.0		80
23/12/2023 02:30	6.4	258	6	8.4	0.0		80
23/12/2023 02:40	5.9	261	5	7.2	0.0		80
23/12/2023 02:50	5.9	261	5	7.2	0.0		79
23/12/2023 03:00	5.7	261	6	7.3	0.0		77
23/12/2023 03:10	5.7	264	5	7.1	0.0		76
23/12/2023 03:20	5.7	261	6	7.0	0.0		76
23/12/2023 03:30	5.8	266	5	7.5	0.0		75
23/12/2023 03:40	5.7	267	5	7.2	0.0		74
23/12/2023 03:50	6.0	266	6	7.4	0.0		73
23/12/2023 04:00	6.2	263	6	7.6	0.0		72
23/12/2023 04:10	6.0	270	5	8.0	0.0		72
23/12/2023 04:20	6.0	265	5	7.8	0.0		71
23/12/2023 04:30	7.0	265	5	8.9	0.0		70
23/12/2023 04:40	7.2	263	5	9.3	0.0		70
23/12/2023 04:50	7.6	263	4	9.4	0.0		70
23/12/2023 05:00	7.2	265	5	9.6	0.0		71
23/12/2023 05:10	6.8	266	6	9.5	0.0		71
23/12/2023 05:20	7.2	267	6	9.0	0.0		71
23/12/2023 05:30	7.7	269	3	9.2	0.0		71
23/12/2023 05:40	7.9	267	5	10.5	0.0		71
23/12/2023 05:50	7.1	265	5	8.8	0.0		73
23/12/2023 06:00	7.6	262	5	9.4	0.0		72
23/12/2023 06:10	7.7	264	6	9.5	0.0		72
23/12/2023 06:20	8.2	264	4	10.8	0.0		70
23/12/2023 06:30	8.9	261	5	10.7	0.0		70
23/12/2023 06:40	8.7	264	5	10.6	0.0		69
23/12/2023 06:50	8.6	262	5	10.9	0.0		69
23/12/2023 07:00	8.5	264	5	10.4	0.0		67
23/12/2023 07:10	8.8	266	6	11.2	0.0		66
23/12/2023 07:20	8.7	265	5	10.6	0.0		65
23/12/2023 07:30	8.6	265	6	11.0	0.0		64
23/12/2023 07:40	7.7	259	8	10.0	0.0		62
23/12/2023 07:50	8.2	268	6	10.5	0.0		62
23/12/2023 08:00	7.6	265	8	9.8	0.0		63
23/12/2023 08:10	7.1	259	10	9.4	0.0		62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/12/2023 08:20	7.4	263	7	9.2	0.0		62
23/12/2023 08:30	7.9	269	7	9.7	0.0		62
23/12/2023 08:40	7.7	267	8	9.6	0.0		62
23/12/2023 08:50	8.3	277	7	10.4	0.0		63
23/12/2023 09:00	8.4	278	8	10.5	0.0		62
23/12/2023 09:10	8.3	274	7	10.9	0.0		62
23/12/2023 09:20	9.0	276	9	11.6	0.0		62
23/12/2023 09:30	9.2	275	8	11.5	0.0		63
23/12/2023 09:40	8.9	276	8	12.1	0.0		63
23/12/2023 09:50	9.0	277	8	11.6	0.0		64
23/12/2023 10:00	9.6	278	8	12.5	0.0		64
23/12/2023 10:10	9.6	272	8	12.7	0.0		63
23/12/2023 10:20	9.9	274	7	12.7	0.0		63
23/12/2023 10:30	10.2	273	9	12.9	0.0		65
23/12/2023 10:40	10.3	276	7	12.7	0.0		64
23/12/2023 10:50	9.8	273	8	12.8	0.0		64
23/12/2023 11:00	9.4	275	8	11.9	0.0		64
23/12/2023 11:10	8.9	281	7	12.0	0.0		63
23/12/2023 11:20	9.4	277	9	12.0	0.0		65
23/12/2023 11:30	9.5	275	9	12.1	0.0		64
23/12/2023 11:40	8.7	279	8	11.0	0.0		65
23/12/2023 11:50	9.0	277	8	11.9	0.0		62
23/12/2023 12:00	8.7	281	7	11.4	0.0		63
23/12/2023 12:10	8.6	270	10	11.0	0.0		61
23/12/2023 12:20	9.1	267	7	11.0	0.0		63
23/12/2023 12:30	9.5	268	7	12.2	0.0		63
23/12/2023 12:40	10.1	273	7	12.4	0.0		64
23/12/2023 12:50	10.7	270	6	13.4	0.0		64
23/12/2023 13:00	10.6	277	9	13.5	0.0		64
23/12/2023 13:10	10.5	277	7	13.2	0.0		64
23/12/2023 13:20	11.1	274	8	13.6	0.0		65
23/12/2023 13:30	10.8	271	7	13.6	0.0		65
23/12/2023 13:40	11.7	272	6	14.1	0.0		67
23/12/2023 13:50	10.9	277	8	13.9	0.0		66
23/12/2023 14:00	11.6	278	6	14.5	0.0		66
23/12/2023 14:10	10.7	277	6	13.6	0.0		65
23/12/2023 14:20	10.6	278	6	14.0	0.0		67
23/12/2023 14:30	10.7	279	6	14.1	0.0		67
23/12/2023 14:40	10.8	274	8	13.3	0.0		63
23/12/2023 14:50	10.4	272	7	13.0	0.0		62
23/12/2023 15:00	9.4	275	7	13.1	0.0		61
23/12/2023 15:10	10.8	273	7	13.5	0.0		61
23/12/2023 15:20	10.4	270	7	13.3	0.0		62
23/12/2023 15:30	9.9	277	7	12.5	0.0		65
23/12/2023 15:40	10.1	278	6	13.0	0.0		67
23/12/2023 15:50	10.5	273	7	14.1	0.0		67
23/12/2023 16:00	10.9	273	6	13.1	0.0		68
23/12/2023 16:10	10.1	274	7	13.0	0.0		67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/12/2023 16:20	10.8	274	6	13.5	0.0		68
23/12/2023 16:30	10.6	270	8	13.4	0.0		70
23/12/2023 16:40	10.3	270	7	13.5	0.0		69
23/12/2023 16:50	10.1	274	6	13.4	0.0		69
23/12/2023 17:00	10.4	277	6	12.7	0.0		69
23/12/2023 17:10	10.1	275	7	13.4	0.0		69
23/12/2023 17:20	10.3	276	5	12.6	0.0		72
23/12/2023 17:30	10.1	271	6	12.7	0.0		71
23/12/2023 17:40	9.9	270	7	12.5	0.0		71
23/12/2023 17:50	9.7	270	7	12.9	0.0		69
23/12/2023 18:00	10.4	268	6	13.9	0.0		68
23/12/2023 18:10	9.6	267	7	12.7	0.0		69
23/12/2023 18:20	10.2	269	6	12.7	0.0		67
23/12/2023 18:30	9.5	269	7	12.3	0.0		68
23/12/2023 18:40	9.4	266	6	13.1	0.0		68
23/12/2023 18:50	9.6	267	6	13.3	0.0		69
23/12/2023 19:00	9.8	266	6	13.1	0.0		68
23/12/2023 19:10	9.7	269	6	12.7	0.0		71
23/12/2023 19:20	10.2	267	5	14.0	0.0		72
23/12/2023 19:30	9.5	267	6	12.3	0.0		76
23/12/2023 19:40	10.0	269	6	12.9	0.0		78
23/12/2023 19:50	9.8	269	6	12.9	0.0		79
23/12/2023 20:00	9.2	272	6	12.5	0.0		79
23/12/2023 20:10	11.1	273	5	14.0	0.0		79
23/12/2023 20:20	9.8	269	6	13.8	0.0		80
23/12/2023 20:30	9.5	269	7	12.8	0.0		80
23/12/2023 20:40	9.7	268	6	12.8	0.0		80
23/12/2023 20:50	10.4	267	6	13.3	0.0		81
23/12/2023 21:00	10.6	268	6	13.6	0.0		80
23/12/2023 21:10	10.0	268	6	13.0	0.0		81
23/12/2023 21:20	10.4	264	5	13.2	0.0		81
23/12/2023 21:30	10.4	264	6	13.5	0.0		82
23/12/2023 21:40	10.2	265	6	13.4	0.0		83
23/12/2023 21:50	10.0	262	6	12.6	0.0		83
23/12/2023 22:00	8.9	263	7	11.9	0.0		83
23/12/2023 22:10	9.9	264	5	13.0	0.0		82
23/12/2023 22:20	9.3	261	6	12.6	0.0		81
23/12/2023 22:30	8.9	263	5	11.3	0.0		82
23/12/2023 22:40	9.2	261	6	12.3	0.0		81
23/12/2023 22:50	9.1	261	6	12.2	0.0		80
23/12/2023 23:00	9.3	262	5	11.7	0.0		80
23/12/2023 23:10	9.4	261	6	12.4	0.0		80
23/12/2023 23:20	8.9	259	6	11.7	0.0		80
23/12/2023 23:30	8.3	259	6	11.1	0.0		79
23/12/2023 23:40	7.9	258	7	10.4	0.0		79
23/12/2023 23:50	8.9	261	6	11.8	0.0		79
24/12/2023 00:00	7.9	256	6	11.2	0.0		79
24/12/2023 00:10	8.2	257	7	10.3	0.0		78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/12/2023 00:20	8.2	259	7	10.4	0.0		77
24/12/2023 00:30	8.2	257	7	10.8	0.0		78
24/12/2023 00:40	8.8	259	6	11.3	0.0		78
24/12/2023 00:50	8.2	259	6	11.0	0.0		79
24/12/2023 01:00	7.4	259	7	10.1	0.0		79
24/12/2023 01:10	7.0	259	7	9.4	0.0		79
24/12/2023 01:20	7.3	254	7	9.8	0.0		80
24/12/2023 01:30	6.3	257	8	8.3	0.0		81
24/12/2023 01:40	6.4	257	8	9.5	0.0		81
24/12/2023 01:50	7.2	258	7	10.0	0.0		82
24/12/2023 02:00	5.7	255	8	7.8	0.0		82
24/12/2023 02:10	5.0	261	6	6.9	0.0		82
24/12/2023 02:20	6.2	260	6	8.1	0.0		82
24/12/2023 02:30	4.9	258	7	7.5	0.0		82
24/12/2023 02:40	5.5	261	6	6.9	0.0		81
24/12/2023 02:50	5.8	259	6	7.4	0.0		80
24/12/2023 03:00	6.5	260	6	8.1	0.0		78
24/12/2023 03:10	5.8	258	6	7.3	0.0		78
24/12/2023 03:20	6.3	258	6	8.1	0.0		78
24/12/2023 03:30	6.5	260	6	8.6	0.0		76
24/12/2023 03:40	7.2	265	6	9.0	0.0		74
24/12/2023 03:50	7.9	264	6	10.0	0.0		72
24/12/2023 04:00	8.0	262	5	10.2	0.0		72
24/12/2023 04:10	7.7	259	5	9.8	0.0		72
24/12/2023 04:20	7.3	260	5	9.5	0.0		72
24/12/2023 04:30	7.3	260	5	9.4	0.0		72
24/12/2023 04:40	7.3	260	5	9.3	0.0		71
24/12/2023 04:50	7.2	260	5	8.9	0.0		72
24/12/2023 05:00	6.9	260	5	8.6	0.0		72
24/12/2023 05:10	6.7	260	4	8.3	0.0		72
24/12/2023 05:20	6.7	260	5	8.4	0.0		72
24/12/2023 05:30	6.9	261	6	8.6	0.0		72
24/12/2023 05:40	7.7	260	5	10.1	0.0		71
24/12/2023 05:50	8.9	261	5	11.1	0.0		71
24/12/2023 06:00	9.2	260	6	11.6	0.0		71
24/12/2023 06:10	9.1	261	6	11.6	0.0		71
24/12/2023 06:20	8.8	263	5	11.1	0.0		72
24/12/2023 06:30	8.3	261	6	10.7	0.0		72
24/12/2023 06:40	8.8	263	5	11.0	0.0		71
24/12/2023 06:50	8.0	259	6	10.0	0.0		71
24/12/2023 07:00	7.6	263	7	9.7	0.0		70
24/12/2023 07:10	7.5	263	6	9.4	0.0		69
24/12/2023 07:20	7.9	261	7	9.9	0.0		68
24/12/2023 07:30	8.0	260	6	9.6	0.0		68
24/12/2023 07:40	8.0	261	8	10.8	0.0		68
24/12/2023 07:50	7.8	259	7	9.6	0.0		67
24/12/2023 08:00	8.4	266	6	10.3	0.0		67
24/12/2023 08:10	8.6	263	6	10.2	0.0		67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/12/2023 08:20	8.0	261	8	10.1	0.0		66
24/12/2023 08:30	8.1	265	6	10.3	0.0		66
24/12/2023 08:40	7.9	269	7	10.5	0.0		66
24/12/2023 08:50	7.5	267	8	9.2	0.0		65
24/12/2023 09:00	7.8	265	8	9.8	0.0		65
24/12/2023 09:10	7.7	270	9	10.7	0.0		64
24/12/2023 09:20	7.5	274	7	10.1	0.0		64
24/12/2023 09:30	7.8	276	8	10.1	0.0		64
24/12/2023 09:40	7.6	276	9	9.9	0.0		63
24/12/2023 09:50	7.4	279	8	9.6	0.0		62
24/12/2023 10:00	7.6	278	7	9.2	0.0		62
24/12/2023 10:10	7.9	276	9	9.8	0.0		61
24/12/2023 10:20	8.7	276	8	10.4	0.0		62
24/12/2023 10:30	7.8	278	8	9.8	0.0		62
24/12/2023 10:40	7.9	278	8	9.7	0.0		61
24/12/2023 10:50	8.1	279	6	9.8	0.0		62
24/12/2023 11:00	7.7	278	8	10.0	0.0		61
24/12/2023 11:10	7.2	288	9	9.0	0.0		61
24/12/2023 11:20	7.1	275	9	8.8	0.0		59
24/12/2023 11:30	7.1	272	7	8.7	0.0		58
24/12/2023 11:40	7.6	275	8	9.4	0.0		58
24/12/2023 11:50	7.8	275	9	9.6	0.0		57
24/12/2023 12:00	8.3	271	7	10.4	0.0		59
24/12/2023 12:10	8.6	273	8	10.4	0.0		56
24/12/2023 12:20	9.1	273	7	11.5	0.0		60
24/12/2023 12:30	9.6	267	7	11.5	0.0		63
24/12/2023 12:40	9.3	273	7	11.6	0.0		63
24/12/2023 12:50	9.2	266	6	11.4	0.0		63
24/12/2023 13:00	9.7	269	5	11.7	0.0		64
24/12/2023 13:10	10.0	271	6	11.8	0.0		64
24/12/2023 13:20	9.8	269	8	12.2	0.0		63
24/12/2023 13:30	9.5	271	8	12.8	0.0		62
24/12/2023 13:40	10.2	271	7	13.1	0.0		64
24/12/2023 13:50	9.9	272	7	12.2	0.0		65
24/12/2023 14:00	10.2	270	7	12.5	0.0		61
24/12/2023 14:10	10.1	271	7	13.2	0.0		62
24/12/2023 14:20	10.0	273	8	12.7	0.0		61
24/12/2023 14:30	10.8	271	6	12.9	0.0		62
24/12/2023 14:40	10.0	275	7	12.6	0.0		61
24/12/2023 14:50	10.3	268	7	13.6	0.0		64
24/12/2023 15:00	10.6	269	7	12.6	0.0		65
24/12/2023 15:10	10.1	271	8	13.0	0.0		66
24/12/2023 15:20	10.0	271	6	12.8	0.0		65
24/12/2023 15:30	10.6	270	6	13.0	0.0		68
24/12/2023 15:40	10.5	273	6	12.7	0.0		69
24/12/2023 15:50	9.9	275	8	13.0	0.0		67
24/12/2023 16:00	9.2	273	8	12.1	0.0		68
24/12/2023 16:10	9.5	270	6	12.1	0.0		68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/12/2023 16:20	9.3	274	9	12.0	0.0		69
24/12/2023 16:30	9.0	277	7	11.9	0.0		68
24/12/2023 16:40	9.6	272	8	12.5	0.0		70
24/12/2023 16:50	9.7	273	5	12.6	0.0		70
24/12/2023 17:00	9.8	279	7	13.3	0.0		71
24/12/2023 17:10	9.8	278	9	12.5	0.0		70
24/12/2023 17:20	10.1	275	6	12.6	0.0		70
24/12/2023 17:30	10.5	274	5	13.0	0.0		71
24/12/2023 17:40	10.2	275	6	12.8	0.0		72
24/12/2023 17:50	9.6	276	7	12.1	0.0		72
24/12/2023 18:00	9.3	273	7	12.7	0.0		72
24/12/2023 18:10	9.7	271	6	12.1	0.0		73
24/12/2023 18:20	9.1	274	7	12.0	0.0		73
24/12/2023 18:30	8.9	272	7	12.1	0.0		74
24/12/2023 18:40	8.9	270	8	11.3	0.0		75
24/12/2023 18:50	8.6	272	7	11.6	0.0		75
24/12/2023 19:00	9.5	270	6	12.3	0.0		74
24/12/2023 19:10	8.0	271	8	11.1	0.0		76
24/12/2023 19:20	8.5	273	8	10.7	0.0		77
24/12/2023 19:30	8.2	272	6	11.0	0.0		78
24/12/2023 19:40	8.7	271	6	11.9	0.0		77
24/12/2023 19:50	8.9	268	6	11.4	0.0		77
24/12/2023 20:00	8.5	273	6	10.8	0.0		78
24/12/2023 20:10	8.9	268	6	11.5	0.0		79
24/12/2023 20:20	8.2	268	7	11.4	0.0		79
24/12/2023 20:30	7.9	271	6	10.6	0.0		80
24/12/2023 20:40	8.2	270	7	10.9	0.0		80
24/12/2023 20:50	8.6	267	7	11.4	0.0		81
24/12/2023 21:00	8.3	271	6	11.1	0.0		81
24/12/2023 21:10	7.9	268	6	10.6	0.0		81
24/12/2023 21:20	8.1	268	7	10.8	0.0		82
24/12/2023 21:30	8.8	264	7	11.6	0.0		81
24/12/2023 21:40	8.7	267	6	11.8	0.0		81
24/12/2023 21:50	9.3	266	6	11.7	0.0		81
24/12/2023 22:00	9.8	267	6	12.9	0.0		81
24/12/2023 22:10	9.5	267	5	12.2	0.0		81
24/12/2023 22:20	8.3	268	7	11.7	0.0		81
24/12/2023 22:30	8.2	267	6	11.1	0.0		81
24/12/2023 22:40	8.2	269	6	10.8	0.0		81
24/12/2023 22:50	8.3	268	6	11.3	0.0		81
24/12/2023 23:00	8.3	264	6	10.7	0.0		81
24/12/2023 23:10	9.0	266	6	11.4	0.0		81
24/12/2023 23:20	9.4	266	6	12.0	0.0		80
24/12/2023 23:30	9.8	267	5	12.9	0.0		80
24/12/2023 23:40	9.2	266	5	12.0	0.0		81
24/12/2023 23:50	9.4	266	6	12.5	0.0		81
25/12/2023 00:00	9.5	260	6	12.9	0.0		81
25/12/2023 00:10	9.4	262	6	12.4	0.0		81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/12/2023 00:20	9.5	263	6	11.9	0.0		81
25/12/2023 00:30	9.6	260	6	12.2	0.0		81
25/12/2023 00:40	8.6	261	7	12.1	0.0		82
25/12/2023 00:50	8.5	258	7	11.3	0.0		82
25/12/2023 01:00	8.3	256	6	10.9	0.0		82
25/12/2023 01:10	9.0	262	5	10.8	0.0		82
25/12/2023 01:20	7.5	258	6	9.8	0.0		83
25/12/2023 01:30	8.3	252	6	10.7	0.0		82
25/12/2023 01:40	7.2	253	8	10.6	0.0		82
25/12/2023 01:50	6.8	255	6	9.3	0.0		82
25/12/2023 02:00	7.8	255	6	9.6	0.0		82
25/12/2023 02:10	6.9	257	6	8.9	0.0		82
25/12/2023 02:20	6.7	257	6	8.9	0.0		82
25/12/2023 02:30	6.8	258	7	9.2	0.0		82
25/12/2023 02:40	7.4	256	7	10.4	0.0		83
25/12/2023 02:50	7.0	258	7	9.6	0.0		83
25/12/2023 03:00	6.8	259	6	9.3	0.0		83
25/12/2023 03:10	7.4	259	5	9.3	0.0		83
25/12/2023 03:20	6.8	260	7	9.4	0.0		82
25/12/2023 03:30	6.8	260	6	9.1	0.0		81
25/12/2023 03:40	6.3	259	7	8.0	0.0		81
25/12/2023 03:50	7.0	258	7	8.9	0.0		81
25/12/2023 04:00	6.4	260	6	7.9	0.0		80
25/12/2023 04:10	6.4	261	6	8.1	0.0		80
25/12/2023 04:20	6.4	257	6	8.2	0.0		81
25/12/2023 04:30	5.9	258	5	7.6	0.0		81
25/12/2023 04:40	6.2	260	6	8.0	0.0		80
25/12/2023 04:50	5.7	260	6	7.6	0.0		80
25/12/2023 05:00	6.4	258	6	8.1	0.0		79
25/12/2023 05:10	6.8	257	7	8.8	0.0		78
25/12/2023 05:20	6.1	259	6	7.9	0.0		78
25/12/2023 05:30	6.3	257	6	8.2	0.0		78
25/12/2023 05:40	6.8	259	6	9.2	0.0		77
25/12/2023 05:50	7.1	258	6	9.1	0.0		77
25/12/2023 06:00	6.7	258	6	8.6	0.0		76
25/12/2023 06:10	6.4	254	6	8.7	0.0		76
25/12/2023 06:20	5.9	256	6	8.2	0.0		75
25/12/2023 06:30	6.3	255	6	8.3	0.0		74
25/12/2023 06:40	6.8	259	7	9.0	0.0		74
25/12/2023 06:50	7.4	261	6	9.4	0.0		72
25/12/2023 07:00	7.5	255	6	9.4	0.0		71
25/12/2023 07:10	7.4	256	6	9.1	0.0		72
25/12/2023 07:20	7.8	258	7	9.9	0.0		71
25/12/2023 07:30	8.2	259	7	10.5	0.0		71
25/12/2023 07:40	8.5	263	6	10.6	0.0		70
25/12/2023 07:50	8.3	263	5	10.1	0.0		69
25/12/2023 08:00	8.3	260	6	10.9	0.0		68
25/12/2023 08:10	8.2	265	6	10.3	0.0		68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/12/2023 08:20	8.2	259	6	9.8	0.0		67
25/12/2023 08:30	8.1	258	6	10.2	0.0		67
25/12/2023 08:40	8.1	262	7	10.4	0.0		67
25/12/2023 08:50	8.5	268	6	11.2	0.0		66
25/12/2023 09:00	7.6	262	9	9.6	0.0		65
25/12/2023 09:10	8.1	268	9	10.8	0.0		65
25/12/2023 09:20	7.8	271	9	10.2	0.0		64
25/12/2023 09:30	8.8	277	8	11.0	0.0		64
25/12/2023 09:40	8.3	274	7	10.7	0.0		63
25/12/2023 09:50	8.9	277	8	11.2	0.0		63
25/12/2023 10:00	8.8	273	8	11.5	0.0		62
25/12/2023 10:10	8.8	271	8	11.2	0.0		65
25/12/2023 10:20	8.4	273	8	11.0	0.0		64
25/12/2023 10:30	9.1	275	7	12.0	0.0		63
25/12/2023 10:40	9.3	279	7	12.1	0.0		65
25/12/2023 10:50	9.6	277	6	12.4	0.0		66
25/12/2023 11:00	9.9	279	8	12.1	0.0		66
25/12/2023 11:10	9.8	277	6	12.1	0.0		66
25/12/2023 11:20	9.0	272	9	12.2	0.0		64
25/12/2023 11:30	9.7	273	8	13.0	0.0		65
25/12/2023 11:40	9.5	271	7	12.3	0.0		65
25/12/2023 11:50	9.5	273	8	12.0	0.0		65
25/12/2023 12:00	9.7	274	10	12.2	0.0		64
25/12/2023 12:10	9.9	271	8	13.0	0.0		63
25/12/2023 12:20	9.8	273	9	11.9	0.0		64
25/12/2023 12:30	9.4	277	9	11.9	0.0		64
25/12/2023 12:40	9.9	277	9	12.8	0.0		63
25/12/2023 12:50	9.5	268	7	12.3	0.0		64
25/12/2023 13:00	9.7	277	8	12.4	0.0		64
25/12/2023 13:10	9.5	272	10	12.6	0.0		64
25/12/2023 13:20	10.2	280	6	12.2	0.0		65
25/12/2023 13:30	9.6	280	7	12.4	0.0		64
25/12/2023 13:40	10.4	273	6	13.1	0.0		65
25/12/2023 13:50	10.4	271	7	12.5	0.0		64
25/12/2023 14:00	10.1	266	8	12.7	0.0		63
25/12/2023 14:10	10.7	277	7	13.4	0.0		63
25/12/2023 14:20	10.7	273	9	13.6	0.0		63
25/12/2023 14:30	10.8	273	9	14.0	0.0		63
25/12/2023 14:40	10.3	270	7	13.2	0.0		63
25/12/2023 14:50	10.7	277	8	13.6	0.0		63
25/12/2023 15:00	11.0	269	8	13.5	0.0		62
25/12/2023 15:10	11.1	268	8	14.4	0.0		63
25/12/2023 15:20	10.7	270	8	13.6	0.0		61
25/12/2023 15:30	11.7	270	7	15.4	0.0		63
25/12/2023 15:40	11.5	268	7	15.1	0.0		63
25/12/2023 15:50	11.5	274	7	15.0	0.0		65
25/12/2023 16:00	11.8	274	6	15.0	0.0		65
25/12/2023 16:10	11.9	275	6	15.0	0.0		67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/12/2023 16:20	11.6	277	6	14.9	0.0		67
25/12/2023 16:30	11.6	272	7	14.4	0.0		68
25/12/2023 16:40	11.5	275	6	14.3	0.0		69
25/12/2023 16:50	11.0	273	7	14.8	0.0		69
25/12/2023 17:00	10.6	276	7	13.5	0.0		70
25/12/2023 17:10	10.7	273	7	13.7	0.0		70
25/12/2023 17:20	10.3	275	8	13.9	0.0		71
25/12/2023 17:30	10.2	273	7	13.2	0.0		71
25/12/2023 17:40	10.4	274	7	14.0	0.0		71
25/12/2023 17:50	10.4	268	5	14.0	0.0		72
25/12/2023 18:00	9.8	272	7	13.1	0.0		73
25/12/2023 18:10	10.7	268	6	13.6	0.0		73
25/12/2023 18:20	10.2	271	7	13.7	0.0		74
25/12/2023 18:30	9.9	270	7	12.8	0.0		74
25/12/2023 18:40	10.1	268	7	12.8	0.0		74
25/12/2023 18:50	9.5	268	7	12.3	0.0		75
25/12/2023 19:00	9.8	268	6	12.7	0.0		76
25/12/2023 19:10	10.0	265	6	13.4	0.0		76
25/12/2023 19:20	8.4	269	6	10.8	0.0		77
25/12/2023 19:30	9.8	268	6	12.7	0.0		77
25/12/2023 19:40	10.1	268	6	13.1	0.0		76
25/12/2023 19:50	10.1	272	6	13.5	0.0		77
25/12/2023 20:00	9.6	270	6	12.6	0.0		78
25/12/2023 20:10	9.9	269	6	13.0	0.0		77
25/12/2023 20:20	10.1	268	6	12.9	0.0		77
25/12/2023 20:30	10.1	268	6	13.0	0.0		77
25/12/2023 20:40	10.2	267	6	13.3	0.0		77
25/12/2023 20:50	9.9	266	7	13.1	0.0		77
25/12/2023 21:00	10.7	265	5	12.9	0.0		78
25/12/2023 21:10	9.6	268	7	12.5	0.0		79
25/12/2023 21:20	8.9	267	5	11.4	0.0		79
25/12/2023 21:30	9.0	262	7	11.4	0.0		79
25/12/2023 21:40	8.4	265	6	11.9	0.0		79
25/12/2023 21:50	9.0	262	6	12.4	0.0		79
25/12/2023 22:00	9.8	261	6	12.8	0.0		79
25/12/2023 22:10	8.8	266	6	11.9	0.0		80
25/12/2023 22:20	9.8	268	6	12.9	0.0		79
25/12/2023 22:30	8.3	262	7	11.0	0.0		79
25/12/2023 22:40	8.2	261	6	11.9	0.0		80
25/12/2023 22:50	9.3	265	6	12.0	0.0		79
25/12/2023 23:00	8.7	265	6	11.9	0.0		78
25/12/2023 23:10	8.8	262	5	11.3	0.0		78
25/12/2023 23:20	8.6	264	7	11.6	0.0		78
25/12/2023 23:30	8.9	268	7	12.2	0.0		78
25/12/2023 23:40	8.1	264	6	10.6	0.0		79
25/12/2023 23:50	8.2	262	6	10.7	0.0		78
26/12/2023 00:00	9.0	265	7	12.6	0.0		78
26/12/2023 00:10	9.7	261	5	12.4	0.0		78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/12/2023 00:20	9.0	261	7	12.3	0.0		79
26/12/2023 00:30	9.6	260	6	12.7	0.0		79
26/12/2023 00:40	8.9	259	7	11.2	0.0		79
26/12/2023 00:50	8.1	261	6	10.5	0.0		79
26/12/2023 01:00	8.5	262	7	11.5	0.0		80
26/12/2023 01:10	8.9	261	6	12.5	0.0		79
26/12/2023 01:20	9.2	260	6	12.3	0.0		79
26/12/2023 01:30	8.6	259	8	12.0	0.0		79
26/12/2023 01:40	8.5	259	6	10.9	0.0		80
26/12/2023 01:50	9.1	260	6	11.5	0.0		80
26/12/2023 02:00	8.3	259	6	10.9	0.0		79
26/12/2023 02:10	8.6	258	7	11.8	0.0		75
26/12/2023 02:20	7.8	255	7	10.3	0.0		75
26/12/2023 02:30	7.3	255	7	10.0	0.0		75
26/12/2023 02:40	8.1	254	7	10.6	0.0		73
26/12/2023 02:50	8.3	253	7	11.4	0.0		72
26/12/2023 03:00	7.7	253	8	10.6	0.0		71
26/12/2023 03:10	7.7	255	7	10.5	0.0		71
26/12/2023 03:20	7.9	255	7	10.1	0.0		70
26/12/2023 03:30	8.1	257	7	10.9	0.0		70
26/12/2023 03:40	8.4	258	7	10.4	0.0		70
26/12/2023 03:50	7.8	258	7	10.6	0.0		70
26/12/2023 04:00	8.0	255	7	10.2	0.0		69
26/12/2023 04:10	7.8	256	6	9.8	0.0		69
26/12/2023 04:20	7.5	258	6	10.3	0.0		69
26/12/2023 04:30	8.2	258	6	10.5	0.0		69
26/12/2023 04:40	8.0	258	5	11.1	0.0		70
26/12/2023 04:50	7.9	258	6	10.5	0.0		70
26/12/2023 05:00	7.5	254	6	9.8	0.0		70
26/12/2023 05:10	7.5	253	7	10.0	0.0		71
26/12/2023 05:20	6.9	256	7	8.7	0.0		71
26/12/2023 05:30	7.0	257	6	8.8	0.0		71
26/12/2023 05:40	7.3	259	6	9.1	0.0		72
26/12/2023 05:50	7.3	256	6	10.4	0.0		72
26/12/2023 06:00	7.8	257	7	10.3	0.0		72
26/12/2023 06:10	7.7	258	6	10.4	0.0		72
26/12/2023 06:20	8.8	259	5	11.2	0.0		72
26/12/2023 06:30	8.0	256	7	10.4	0.0		71
26/12/2023 06:40	8.4	256	6	10.8	0.0		70
26/12/2023 06:50	7.8	252	7	10.2	0.0		70
26/12/2023 07:00	7.5	248	9	10.4	0.0		69
26/12/2023 07:10	8.6	256	7	11.4	0.0		68
26/12/2023 07:20	8.6	251	7	11.8	0.0		67
26/12/2023 07:30	8.4	251	8	11.7	0.0		66
26/12/2023 07:40	8.4	250	9	12.2	0.0		65
26/12/2023 07:50	8.6	253	8	11.5	0.0		64
26/12/2023 08:00	8.8	251	9	11.5	0.0		63
26/12/2023 08:10	8.0	246	10	10.9	0.0		62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/12/2023 08:20	7.0	241	11	10.2	0.0		61
26/12/2023 08:30	7.8	247	10	10.4	0.0		59
26/12/2023 08:40	7.0	245	11	9.8	0.0		57
26/12/2023 08:50	6.6	237	12	9.4	0.0		56
26/12/2023 09:00	7.6	243	11	10.9	0.0		55
26/12/2023 09:10	7.7	240	12	10.0	0.0		53
26/12/2023 09:20	7.5	233	8	10.6	0.0		52
26/12/2023 09:30	8.4	246	11	11.1	0.0		49
26/12/2023 09:40	7.2	240	13	10.7	0.0		47
26/12/2023 09:50	7.4	242	12	9.8	0.0		46
26/12/2023 10:00	8.0	243	9	10.7	0.0		45
26/12/2023 10:10	7.5	254	11	10.7	0.0		44
26/12/2023 10:20	7.0	258	12	9.5	0.0		46
26/12/2023 10:30	7.8	269	12	9.9	0.0		50
26/12/2023 10:40	8.8	277	9	11.3	0.0		51
26/12/2023 10:50	9.5	273	6	12.4	0.0		52
26/12/2023 11:00	9.3	275	9	11.7	0.0		54
26/12/2023 11:10	9.2	277	7	11.6	0.0		54
26/12/2023 11:20	9.8	277	8	12.3	0.0		58
26/12/2023 11:30	9.9	277	7	12.9	0.0		60
26/12/2023 11:40	11.2	276	6	13.6	0.0		62
26/12/2023 11:50	10.6	277	6	13.7	0.0		60
26/12/2023 12:00	10.4	275	8	13.4	0.0		60
26/12/2023 12:10	10.7	274	6	13.6	0.0		60
26/12/2023 12:20	10.3	274	8	13.9	0.0		59
26/12/2023 12:30	10.9	279	7	13.7	0.0		60
26/12/2023 12:40	10.9	273	8	13.9	0.0		61
26/12/2023 12:50	10.7	276	7	13.9	0.0		61
26/12/2023 13:00	10.7	272	8	14.1	0.0		60
26/12/2023 13:10	11.0	276	7	14.6	0.0		60
26/12/2023 13:20	11.2	275	7	14.5	0.0		61
26/12/2023 13:30	10.6	271	7	14.3	0.0		61
26/12/2023 13:40	10.9	272	8	13.7	0.0		61
26/12/2023 13:50	10.6	269	8	13.3	0.0		61
26/12/2023 14:00	12.0	270	8	15.6	0.0		62
26/12/2023 14:10	11.0	269	8	15.4	0.0		61
26/12/2023 14:20	10.9	267	8	15.4	0.0		62
26/12/2023 14:30	11.7	270	7	15.3	0.0		62
26/12/2023 14:40	11.1	270	8	14.8	0.0		63
26/12/2023 14:50	10.7	270	9	15.2	0.0		62
26/12/2023 15:00	11.1	270	8	15.3	0.0		62
26/12/2023 15:10	9.8	270	9	13.3	0.0		62
26/12/2023 15:20	11.1	267	7	14.7	0.0		64
26/12/2023 15:30	11.5	271	6	14.9	0.0		64
26/12/2023 15:40	11.5	268	9	14.7	0.0		63
26/12/2023 15:50	10.9	272	8	14.6	0.0		64
26/12/2023 16:00	11.2	273	7	14.2	0.0		64
26/12/2023 16:10	11.5	271	7	15.8	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/12/2023 16:20	11.1	271	9	14.5	0.0		64
26/12/2023 16:30	10.7	275	7	15.0	0.0		64
26/12/2023 16:40	10.8	273	8	13.9	0.0		64
26/12/2023 16:50	11.1	268	7	14.7	0.0		64
26/12/2023 17:00	10.8	270	6	13.7	0.0		64
26/12/2023 17:10	10.3	272	6	14.3	0.0		63
26/12/2023 17:20	9.7	269	7	12.9	0.0		63
26/12/2023 17:30	9.7	269	8	13.6	0.0		64
26/12/2023 17:40	10.0	264	6	13.3	0.0		65
26/12/2023 17:50	9.1	265	6	12.6	0.0		66
26/12/2023 18:00	9.4	263	7	13.3	0.0		66
26/12/2023 18:10	9.9	264	7	13.3	0.0		67
26/12/2023 18:20	11.0	265	6	13.8	0.0		68
26/12/2023 18:30	9.3	264	7	12.4	0.0		69
26/12/2023 18:40	9.5	265	7	13.0	0.0		69
26/12/2023 18:50	9.8	266	7	12.6	0.0		69
26/12/2023 19:00	9.9	266	6	12.8	0.0		70
26/12/2023 19:10	9.4	266	6	11.7	0.0		71
26/12/2023 19:20	9.4	265	7	12.8	0.0		71
26/12/2023 19:30	9.8	267	6	13.5	0.0		72
26/12/2023 19:40	8.7	264	6	11.8	0.0		72
26/12/2023 19:50	9.0	266	7	11.9	0.0		72
26/12/2023 20:00	8.7	264	6	12.1	0.0		72
26/12/2023 20:10	8.7	262	6	11.5	0.0		71
26/12/2023 20:20	8.4	261	7	10.8	0.0		72
26/12/2023 20:30	9.5	260	6	12.2	0.0		72
26/12/2023 20:40	9.5	260	6	12.1	0.0		72
26/12/2023 20:50	9.5	263	6	12.3	0.0		72
26/12/2023 21:00	9.0	262	5	11.6	0.0		73
26/12/2023 21:10	9.4	261	5	12.6	0.0		74
26/12/2023 21:20	8.4	263	6	11.2	0.0		74
26/12/2023 21:30	8.4	260	7	11.1	0.0		73
26/12/2023 21:40	7.9	260	6	10.6	0.0		72
26/12/2023 21:50	8.1	262	6	10.6	0.0		73
26/12/2023 22:00	8.6	261	5	11.7	0.0		73
26/12/2023 22:10	8.2	261	6	11.4	0.0		74
26/12/2023 22:20	8.9	259	5	11.8	0.0		73
26/12/2023 22:30	8.3	260	7	11.0	0.0		73
26/12/2023 22:40	8.3	260	6	11.2	0.0		73
26/12/2023 22:50	8.3	257	6	10.5	0.0		72
26/12/2023 23:00	8.1	260	6	10.3	0.0		72
26/12/2023 23:10	7.6	259	6	10.4	0.0		72
26/12/2023 23:20	8.1	262	6	10.1	0.0		71
26/12/2023 23:30	7.7	261	6	10.2	0.0		71
26/12/2023 23:40	7.7	262	6	10.6	0.0		70
26/12/2023 23:50	7.7	260	6	10.0	0.0		68
27/12/2023 00:00	8.1	260	7	10.3	0.0		67
27/12/2023 00:10	7.6	258	6	10.2	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/12/2023 00:20	7.8	261	6	10.5	0.0		63
27/12/2023 00:30	7.7	262	6	10.1	0.0		62
27/12/2023 00:40	7.2	261	6	9.3	0.0		60
27/12/2023 00:50	7.3	261	6	9.8	0.0		59
27/12/2023 01:00	7.4	260	7	10.2	0.0		58
27/12/2023 01:10	7.5	260	6	9.8	0.0		58
27/12/2023 01:20	7.7	262	5	10.0	0.0		58
27/12/2023 01:30	7.6	262	6	9.8	0.0		57
27/12/2023 01:40	6.8	258	7	9.6	0.0		57
27/12/2023 01:50	7.2	259	6	9.1	0.0		56
27/12/2023 02:00	8.0	263	6	10.0	0.0		55
27/12/2023 02:10	8.0	263	6	10.6	0.0		55
27/12/2023 02:20	7.9	264	5	10.2	0.0		55
27/12/2023 02:30	8.0	263	6	10.0	0.0		55
27/12/2023 02:40	7.7	265	5	9.8	0.0		55
27/12/2023 02:50	8.1	263	5	10.0	0.0		55
27/12/2023 03:00	8.0	263	6	9.5	0.0		55
27/12/2023 03:10	7.5	261	5	9.9	0.0		56
27/12/2023 03:20	7.8	263	6	10.2	0.0		56
27/12/2023 03:30	7.2	262	6	9.3	0.0		56
27/12/2023 03:40	7.2	263	6	9.0	0.0		57
27/12/2023 03:50	7.3	263	5	9.5	0.0		58
27/12/2023 04:00	7.0	261	6	9.0	0.0		58
27/12/2023 04:10	7.1	263	6	9.0	0.0		58
27/12/2023 04:20	6.4	264	6	8.8	0.0		58
27/12/2023 04:30	6.4	264	6	8.3	0.0		58
27/12/2023 04:40	7.0	264	5	8.7	0.0		59
27/12/2023 04:50	6.8	266	6	8.2	0.0		60
27/12/2023 05:00	6.4	268	6	8.3	0.0		60
27/12/2023 05:10	6.4	264	6	8.1	0.0		61
27/12/2023 05:20	7.3	263	5	9.1	0.0		61
27/12/2023 05:30	7.1	260	6	9.0	0.0		62
27/12/2023 05:40	7.1	259	5	9.2	0.0		62
27/12/2023 05:50	6.1	260	6	8.0	0.0		63
27/12/2023 06:00	5.5	261	6	7.0	0.0		63
27/12/2023 06:10	5.5	262	5	7.1	0.0		63
27/12/2023 06:20	6.0	261	6	7.6	0.0		63
27/12/2023 06:30	6.3	261	6	8.2	0.0		63
27/12/2023 06:40	6.6	261	5	8.3	0.0		62
27/12/2023 06:50	6.7	261	7	8.6	0.0		61
27/12/2023 07:00	6.6	259	5	8.1	0.0		60
27/12/2023 07:10	6.0	249	11	7.9	0.0		58
27/12/2023 07:20	6.5	244	12	9.1	0.0		57
27/12/2023 07:30	6.3	250	11	9.1	0.0		56
27/12/2023 07:40	6.3	250	10	8.7	0.0		55
27/12/2023 07:50	6.2	242	9	8.7	0.0		53
27/12/2023 08:00	6.3	245	10	8.9	0.0		52
27/12/2023 08:10	6.9	237	10	9.9	0.0		51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/12/2023 08:20	6.6	239	10	9.5	0.0		50
27/12/2023 08:30	6.4	242	14	9.0	0.0		48
27/12/2023 08:40	7.0	248	10	10.2	0.0		47
27/12/2023 08:50	7.4	253	10	9.0	0.0		46
27/12/2023 09:00	6.6	254	10	8.6	0.0		45
27/12/2023 09:10	6.0	246	11	8.6	0.0		43
27/12/2023 09:20	6.0	248	13	8.5	0.0		43
27/12/2023 09:30	6.2	251	12	8.2	0.0		43
27/12/2023 09:40	7.1	258	8	9.2	0.0		44
27/12/2023 09:50	6.9	274	12	8.9	0.0		49
27/12/2023 10:00	7.4	274	8	9.1	0.0		50
27/12/2023 10:10	7.8	281	8	10.0	0.0		50
27/12/2023 10:20	8.1	279	7	10.6	0.0		52
27/12/2023 10:30	8.7	281	7	11.0	0.0		52
27/12/2023 10:40	7.9	278	8	10.0	0.0		49
27/12/2023 10:50	8.5	282	7	10.8	0.0		50
27/12/2023 11:00	8.5	282	7	11.0	0.0		50
27/12/2023 11:10	8.2	284	8	10.5	0.0		50
27/12/2023 11:20	8.3	277	8	10.9	0.0		52
27/12/2023 11:30	9.0	278	7	11.9	0.0		51
27/12/2023 11:40	9.1	281	6	11.1	0.0		51
27/12/2023 11:50	9.4	279	6	11.3	0.0		53
27/12/2023 12:00	8.6	282	7	10.9	0.0		54
27/12/2023 12:10	8.8	276	7	11.2	0.0		53
27/12/2023 12:20	8.4	270	7	11.0	0.0		51
27/12/2023 12:30	8.5	271	8	12.4	0.0		51
27/12/2023 12:40	9.3	270	6	11.4	0.0		52
27/12/2023 12:50	9.1	269	6	11.7	0.0		55
27/12/2023 13:00	9.3	271	6	12.5	0.0		58
27/12/2023 13:10	9.4	270	6	12.1	0.0		57
27/12/2023 13:20	9.9	272	8	12.1	0.0		57
27/12/2023 13:30	10.2	272	6	13.2	0.0		59
27/12/2023 13:40	10.2	275	6	12.3	0.0		58
27/12/2023 13:50	9.6	277	8	12.5	0.0		58
27/12/2023 14:00	9.7	277	7	12.3	0.0		57
27/12/2023 14:10	10.4	275	6	13.3	0.0		59
27/12/2023 14:20	10.2	274	7	12.8	0.0		59
27/12/2023 14:30	10.1	277	6	13.6	0.0		58
27/12/2023 14:40	11.0	272	8	14.4	0.0		58
27/12/2023 14:50	10.5	275	7	13.9	0.0		57
27/12/2023 15:00	9.6	271	9	13.2	0.0		56
27/12/2023 15:10	10.8	273	7	14.2	0.0		59
27/12/2023 15:20	10.3	263	7	13.2	0.0		58
27/12/2023 15:30	9.6	269	8	12.9	0.0		58
27/12/2023 15:40	10.9	265	8	14.6	0.0		61
27/12/2023 15:50	10.7	265	8	14.0	0.0		62
27/12/2023 16:00	10.7	271	7	14.3	0.0		62
27/12/2023 16:10	11.0	272	8	15.1	0.0		62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/12/2023 16:20	11.0	273	8	14.4	0.0		63
27/12/2023 16:30	9.8	268	8	13.8	0.0		63
27/12/2023 16:40	10.1	272	8	13.3	0.0		64
27/12/2023 16:50	10.7	270	9	14.0	0.0		64
27/12/2023 17:00	10.4	269	6	13.7	0.0		64
27/12/2023 17:10	10.3	267	6	13.3	0.0		63
27/12/2023 17:20	10.0	270	6	13.2	0.0		63
27/12/2023 17:30	10.2	268	7	13.4	0.0		63
27/12/2023 17:40	8.7	270	7	11.7	0.0		62
27/12/2023 17:50	8.6	271	7	11.2	0.0		61
27/12/2023 18:00	9.7	270	7	13.0	0.0		62
27/12/2023 18:10	9.6	269	7	12.7	0.0		62
27/12/2023 18:20	10.0	268	5	12.4	0.0		64
27/12/2023 18:30	8.6	268	6	11.5	0.0		66
27/12/2023 18:40	9.0	268	5	11.5	0.0		67
27/12/2023 18:50	8.7	269	6	11.1	0.0		68
27/12/2023 19:00	9.0	265	6	12.0	0.0		68
27/12/2023 19:10	8.8	266	6	11.6	0.0		68
27/12/2023 19:20	9.3	268	6	12.5	0.0		68
27/12/2023 19:30	8.5	267	6	11.0	0.0		69
27/12/2023 19:40	8.6	265	7	11.0	0.0		69
27/12/2023 19:50	8.3	269	6	11.6	0.0		69
27/12/2023 20:00	6.9	271	7	9.4	0.0		69
27/12/2023 20:10	7.0	271	6	9.3	0.0		70
27/12/2023 20:20	6.8	269	6	9.2	0.0		70
27/12/2023 20:30	6.9	271	7	10.2	0.0		70
27/12/2023 20:40	7.8	276	6	10.1	0.0		72
27/12/2023 20:50	7.8	274	7	10.1	0.0		72
27/12/2023 21:00	7.7	274	6	10.8	0.0		72
27/12/2023 21:10	7.4	272	6	10.9	0.0		73
27/12/2023 21:20	6.9	270	7	9.9	0.0		73
27/12/2023 21:30	7.7	267	7	10.9	0.0		71
27/12/2023 21:40	8.0	267	7	10.6	0.0		72
27/12/2023 21:50	7.4	264	6	9.4	0.0		73
27/12/2023 22:00	7.3	261	7	10.6	0.0		73
27/12/2023 22:10	7.7	259	8	11.0	0.0		73
27/12/2023 22:20	8.0	262	6	10.8	0.0		72
27/12/2023 22:30	8.6	261	7	11.6	0.0		73
27/12/2023 22:40	7.0	262	7	9.7	0.0		73
27/12/2023 22:50	7.4	262	6	9.5	0.0		74
27/12/2023 23:00	7.4	262	7	10.0	0.0		74
27/12/2023 23:10	6.5	264	7	8.2	0.0		74
27/12/2023 23:20	6.6	261	7	9.2	0.0		74
27/12/2023 23:30	7.1	262	6	9.2	0.0		74
27/12/2023 23:40	7.4	263	5	9.1	0.0		75
27/12/2023 23:50	7.8	265	6	9.9	0.0		75
28/12/2023 00:00	6.9	262	6	8.6	0.0		75
28/12/2023 00:10	6.9	262	6	9.0	0.0		75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/12/2023 00:20	6.4	263	6	8.7	0.0		75
28/12/2023 00:30	7.1	259	5	9.2	0.0		74
28/12/2023 00:40	6.9	261	5	8.8	0.0		74
28/12/2023 00:50	6.5	264	6	8.4	0.0		73
28/12/2023 01:00	7.0	265	5	8.9	0.0		72
28/12/2023 01:10	7.1	263	5	9.7	0.0		70
28/12/2023 01:20	6.9	264	5	8.7	0.0		69
28/12/2023 01:30	7.1	264	5	9.1	0.0		68
28/12/2023 01:40	7.2	262	6	9.4	0.0		65
28/12/2023 01:50	7.0	260	6	9.1	0.0		66
28/12/2023 02:00	6.6	263	5	8.6	0.0		66
28/12/2023 02:10	6.2	264	5	7.6	0.0		67
28/12/2023 02:20	6.6	264	5	8.2	0.0		66
28/12/2023 02:30	6.9	263	5	8.8	0.0		65
28/12/2023 02:40	6.9	263	5	8.5	0.0		65
28/12/2023 02:50	6.7	264	6	8.5	0.0		65
28/12/2023 03:00	6.2	261	6	8.2	0.0		65
28/12/2023 03:10	5.9	263	7	7.6	0.0		67
28/12/2023 03:20	6.3	268	4	7.8	0.0		67
28/12/2023 03:30	6.7	268	5	8.8	0.0		66
28/12/2023 03:40	6.4	267	5	8.3	0.0		66
28/12/2023 03:50	6.8	263	5	9.0	0.0		65
28/12/2023 04:00	7.0	261	5	8.7	0.0		65
28/12/2023 04:10	7.4	261	5	9.9	0.0		64
28/12/2023 04:20	7.4	260	6	9.3	0.0		64
28/12/2023 04:30	6.8	260	6	8.4	0.0		64
28/12/2023 04:40	6.7	265	5	8.4	0.0		63
28/12/2023 04:50	6.6	266	4	8.6	0.0		63
28/12/2023 05:00	6.7	266	5	8.7	0.0		62
28/12/2023 05:10	6.3	267	5	8.1	0.0		62
28/12/2023 05:20	6.8	268	4	8.3	0.0		61
28/12/2023 05:30	6.9	271	4	8.2	0.0		61
28/12/2023 05:40	6.3	273	5	8.0	0.0		61
28/12/2023 05:50	6.7	271	5	8.1	0.0		61
28/12/2023 06:00	7.3	267	5	9.0	0.0		60
28/12/2023 06:10	6.8	264	6	8.5	0.0		59
28/12/2023 06:20	6.9	265	5	8.7	0.0		58
28/12/2023 06:30	7.1	268	4	8.7	0.0		57
28/12/2023 06:40	6.5	269	5	8.1	0.0		56
28/12/2023 06:50	6.6	269	5	8.2	0.0		55
28/12/2023 07:00	6.2	268	6	7.7	0.0		54
28/12/2023 07:10	6.5	267	5	7.8	0.0		53
28/12/2023 07:20	6.2	270	6	7.9	0.0		52
28/12/2023 07:30	6.7	270	5	8.1	0.0		51
28/12/2023 07:40	6.6	268	5	7.8	0.0		51
28/12/2023 07:50	6.3	268	5	7.5	0.0		49
28/12/2023 08:00	5.7	265	6	7.3	0.0		48
28/12/2023 08:10	5.4	266	7	7.1	0.0		46



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/12/2023 08:20	5.0	259	8	6.5	0.0		45
28/12/2023 08:30	5.3	270	6	6.8	0.0		44
28/12/2023 08:40	6.6	271	7	7.8	0.0		44
28/12/2023 08:50	5.7	268	9	7.2	0.0		43
28/12/2023 09:00	6.0	276	9	7.5	0.0		45
28/12/2023 09:10	5.9	273	7	7.2	0.0		46
28/12/2023 09:20	6.4	281	7	8.4	0.0		49
28/12/2023 09:30	7.0	286	7	8.7	0.0		51
28/12/2023 09:40	7.1	284	7	9.2	0.0		50
28/12/2023 09:50	7.0	286	6	9.0	0.0		49
28/12/2023 10:00	7.4	277	7	9.3	0.0		49
28/12/2023 10:10	7.0	273	8	8.9	0.0		47
28/12/2023 10:20	7.9	279	8	9.6	0.0		49
28/12/2023 10:30	7.3	273	9	9.3	0.0		48
28/12/2023 10:40	7.7	271	8	9.9	0.0		48
28/12/2023 10:50	8.1	272	7	9.9	0.0		50
28/12/2023 11:00	7.8	280	7	10.0	0.0		51
28/12/2023 11:10	8.1	280	7	10.2	0.0		52
28/12/2023 11:20	7.5	275	8	10.0	0.0		51
28/12/2023 11:30	7.7	275	8	9.8	0.0		51
28/12/2023 11:40	8.2	278	7	10.1	0.0		53
28/12/2023 11:50	8.1	276	9	10.6	0.0		50
28/12/2023 12:00	8.0	274	7	11.1	0.0		49
28/12/2023 12:10	8.7	278	6	11.2	0.0		51
28/12/2023 12:20	7.9	275	8	10.5	0.0		50
28/12/2023 12:30	8.4	277	7	10.4	0.0		52
28/12/2023 12:40	7.6	275	8	10.4	0.0		51
28/12/2023 12:50	8.1	279	8	10.7	0.0		51
28/12/2023 13:00	8.9	280	5	11.1	0.0		50
28/12/2023 13:10	9.0	273	8	12.0	0.0		48
28/12/2023 13:20	9.4	274	6	11.9	0.0		48
28/12/2023 13:30	9.7	275	5	12.5	0.0		46
28/12/2023 13:40	9.6	276	6	12.1	0.0		47
28/12/2023 13:50	9.3	278	7	12.0	0.0		45
28/12/2023 14:00	10.0	275	7	12.5	0.0		48
28/12/2023 14:10	10.2	268	5	13.4	0.0		51
28/12/2023 14:20	10.1	269	7	12.5	0.0		54
28/12/2023 14:30	9.7	267	6	12.7	0.0		55
28/12/2023 14:40	10.3	270	7	13.4	0.0		55
28/12/2023 14:50	9.3	270	7	11.5	0.0		54
28/12/2023 15:00	9.8	273	6	12.5	0.0		54
28/12/2023 15:10	9.1	272	8	12.6	0.0		53
28/12/2023 15:20	9.6	268	7	13.4	0.0		52
28/12/2023 15:30	10.2	268	7	13.2	0.0		53
28/12/2023 15:40	9.3	267	7	11.7	0.0		53
28/12/2023 15:50	9.1	272	6	12.1	0.0		54
28/12/2023 16:00	9.3	274	7	12.3	0.0		54
28/12/2023 16:10	9.3	269	7	12.4	0.0		57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/12/2023 16:20	9.7	265	7	13.1	0.0		59
28/12/2023 16:30	9.6	273	7	12.9	0.0		60
28/12/2023 16:40	9.8	271	7	13.8	0.0		61
28/12/2023 16:50	9.2	270	7	12.2	0.0		61
28/12/2023 17:00	9.1	272	7	12.2	0.0		61
28/12/2023 17:10	8.6	270	8	10.6	0.0		62
28/12/2023 17:20	8.9	269	6	11.3	0.0		62
28/12/2023 17:30	8.5	271	7	11.3	0.0		62
28/12/2023 17:40	8.7	271	6	11.0	0.0		63
28/12/2023 17:50	8.2	267	6	10.9	0.0		64
28/12/2023 18:00	8.1	272	8	10.7	0.0		65
28/12/2023 18:10	7.9	274	6	10.2	0.0		67
28/12/2023 18:20	8.3	277	6	10.7	0.0		68
28/12/2023 18:30	8.5	270	6	11.6	0.0		68
28/12/2023 18:40	7.7	270	7	10.3	0.0		69
28/12/2023 18:50	8.5	268	6	11.2	0.0		70
28/12/2023 19:00	8.0	268	6	10.9	0.0		69
28/12/2023 19:10	8.5	268	6	11.2	0.0		68
28/12/2023 19:20	8.2	265	6	10.7	0.0		66
28/12/2023 19:30	7.9	264	7	9.9	0.0		66
28/12/2023 19:40	8.4	264	6	10.5	0.0		66
28/12/2023 19:50	8.3	264	6	11.4	0.0		66
28/12/2023 20:00	8.4	264	5	10.7	0.0		65
28/12/2023 20:10	8.8	268	5	10.7	0.0		65
28/12/2023 20:20	8.7	264	6	11.2	0.0		64
28/12/2023 20:30	8.7	267	5	11.1	0.0		64
28/12/2023 20:40	8.0	265	6	11.4	0.0		63
28/12/2023 20:50	7.8	265	6	10.2	0.0		64
28/12/2023 21:00	7.4	268	6	9.6	0.0		65
28/12/2023 21:10	7.9	266	5	10.1	0.0		66
28/12/2023 21:20	8.7	265	6	10.8	0.0		65
28/12/2023 21:30	7.8	262	6	10.1	0.0		67
28/12/2023 21:40	8.1	260	6	9.8	0.0		69
28/12/2023 21:50	8.8	261	5	10.6	0.0		68
28/12/2023 22:00	8.5	262	6	10.7	0.0		70
28/12/2023 22:10	8.3	261	5	10.7	0.0		71
28/12/2023 22:20	8.4	263	4	10.7	0.0		70
28/12/2023 22:30	8.4	261	5	11.3	0.0		69
28/12/2023 22:40	8.0	259	6	9.8	0.0		69
28/12/2023 22:50	7.3	259	6	9.7	0.0		70
28/12/2023 23:00	7.3	264	5	9.3	0.0		70
28/12/2023 23:10	7.0	265	5	9.1	0.0		70
28/12/2023 23:20	7.3	265	5	9.7	0.0		70
28/12/2023 23:30	7.7	263	5	9.7	0.0		69
28/12/2023 23:40	7.3	262	6	9.6	0.0		70
28/12/2023 23:50	6.7	264	6	9.5	0.0		70
29/12/2023 00:00	6.4	265	5	8.6	0.0		70
29/12/2023 00:10	7.0	269	5	9.1	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/12/2023 00:20	7.0	270	5	9.0	0.0		72
29/12/2023 00:30	6.9	266	6	8.9	0.0		73
29/12/2023 00:40	7.1	265	5	9.1	0.0		73
29/12/2023 00:50	7.0	267	6	9.4	0.0		74
29/12/2023 01:00	7.2	267	6	9.7	0.0		74
29/12/2023 01:10	7.4	265	5	9.9	0.0		73
29/12/2023 01:20	7.3	264	6	9.8	0.0		73
29/12/2023 01:30	7.3	261	5	9.3	0.0		73
29/12/2023 01:40	5.9	266	6	7.7	0.0		73
29/12/2023 01:50	6.3	267	6	8.6	0.0		73
29/12/2023 02:00	6.6	266	6	8.3	0.0		69
29/12/2023 02:10	6.6	261	6	8.6	0.0		66
29/12/2023 02:20	7.0	261	6	8.5	0.0		62
29/12/2023 02:30	6.9	264	5	9.1	0.0		62
29/12/2023 02:40	6.8	264	5	8.4	0.0		61
29/12/2023 02:50	6.7	263	4	8.8	0.0		61
29/12/2023 03:00	6.2	260	5	8.1	0.0		62
29/12/2023 03:10	6.9	263	5	8.9	0.0		62
29/12/2023 03:20	7.1	262	6	9.6	0.0		62
29/12/2023 03:30	6.7	261	6	8.4	0.0		62
29/12/2023 03:40	7.8	263	5	9.6	0.0		62
29/12/2023 03:50	7.1	264	5	8.9	0.0		62
29/12/2023 04:00	6.6	265	5	8.3	0.0		62
29/12/2023 04:10	6.3	265	6	8.1	0.0		63
29/12/2023 04:20	6.1	266	5	7.7	0.0		63
29/12/2023 04:30	6.1	265	5	7.7	0.0		63
29/12/2023 04:40	5.3	265	5	7.1	0.0		62
29/12/2023 04:50	4.3	261	7	6.3	0.0		61
29/12/2023 05:00	5.6	260	6	7.7	0.0		59
29/12/2023 05:10	5.9	260	5	7.6	0.0		59
29/12/2023 05:20	5.4	259	5	7.0	0.0		59
29/12/2023 05:30	5.7	262	6	7.0	0.0		59
29/12/2023 05:40	5.6	261	6	7.3	0.0		59
29/12/2023 05:50	5.4	264	5	7.3	0.0		60
29/12/2023 06:00	5.5	263	6	7.3	0.0		60
29/12/2023 06:10	5.1	265	6	6.8	0.0		60
29/12/2023 06:20	5.3	263	5	6.7	0.0		60
29/12/2023 06:30	5.6	264	6	7.3	0.0		59
29/12/2023 06:40	5.9	265	6	7.4	0.0		58
29/12/2023 06:50	6.8	266	5	8.3	0.0		58
29/12/2023 07:00	6.9	267	5	8.6	0.0		56
29/12/2023 07:10	7.1	268	5	8.4	0.0		55
29/12/2023 07:20	7.3	266	6	9.0	0.0		54
29/12/2023 07:30	7.0	265	5	8.5	0.0		53
29/12/2023 07:40	6.9	267	5	8.3	0.0		53
29/12/2023 07:50	7.4	271	5	8.5	0.0		52
29/12/2023 08:00	7.1	272	5	8.5	0.0		51
29/12/2023 08:10	6.9	273	5	8.1	0.0		51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/12/2023 08:20	6.3	271	6	7.6	0.0		49
29/12/2023 08:30	5.9	272	7	7.1	0.0		49
29/12/2023 08:40	6.0	273	7	7.2	0.0		48
29/12/2023 08:50	5.9	271	7	7.5	0.0		46
29/12/2023 09:00	5.7	271	7	7.1	0.0		46
29/12/2023 09:10	5.9	267	8	7.3	0.0		45
29/12/2023 09:20	5.8	276	9	7.4	0.0		48
29/12/2023 09:30	6.5	279	6	7.9	0.0		48
29/12/2023 09:40	6.1	274	9	7.9	0.0		48
29/12/2023 09:50	5.9	283	9	7.2	0.0		47
29/12/2023 10:00	6.1	279	8	7.4	0.0		47
29/12/2023 10:10	6.3	282	7	7.9	0.0		47
29/12/2023 10:20	6.1	283	8	7.7	0.0		47
29/12/2023 10:30	6.3	279	7	7.8	0.0		46
29/12/2023 10:40	6.2	276	7	7.6	0.0		46
29/12/2023 10:50	6.2	271	8	7.9	0.0		46
29/12/2023 11:00	6.0	279	8	7.8	0.0		46
29/12/2023 11:10	6.5	271	7	8.0	0.0		44
29/12/2023 11:20	6.5	268	6	7.8	0.0		47
29/12/2023 11:30	6.8	272	7	8.5	0.0		47
29/12/2023 11:40	6.8	280	9	8.5	0.0		48
29/12/2023 11:50	6.9	278	8	8.2	0.0		49
29/12/2023 12:00	7.0	271	6	8.3	0.0		49
29/12/2023 12:10	6.9	261	6	8.3	0.0		48
29/12/2023 12:20	7.1	258	7	8.7	0.0		46
29/12/2023 12:30	6.5	261	8	8.4	0.0		43
29/12/2023 12:40	6.7	262	9	8.8	0.0		41
29/12/2023 12:50	7.0	268	8	8.7	0.0		43
29/12/2023 13:00	6.6	263	8	8.5	0.0		48
29/12/2023 13:10	7.0	266	8	9.2	0.0		48
29/12/2023 13:20	7.8	270	8	9.8	0.0		46
29/12/2023 13:30	7.5	261	8	9.4	0.0		49
29/12/2023 13:40	7.6	263	7	9.6	0.0		50
29/12/2023 13:50	7.5	271	6	9.4	0.0		49
29/12/2023 14:00	7.8	272	7	9.7	0.0		48
29/12/2023 14:10	7.1	265	10	9.3	0.0		47
29/12/2023 14:20	7.7	274	8	9.6	0.0		39
29/12/2023 14:30	8.9	276	5	11.2	0.0		41
29/12/2023 14:40	7.8	264	8	9.9	0.0		48
29/12/2023 14:50	8.4	268	7	10.8	0.0		49
29/12/2023 15:00	8.6	272	7	10.7	0.0		50
29/12/2023 15:10	9.2	274	7	11.2	0.0		51
29/12/2023 15:20	9.0	273	7	10.8	0.0		52
29/12/2023 15:30	8.8	271	7	11.1	0.0		52
29/12/2023 15:40	9.4	272	6	11.6	0.0		54
29/12/2023 15:50	9.8	270	6	11.8	0.0		55
29/12/2023 16:00	10.0	271	6	12.9	0.0		56
29/12/2023 16:10	9.6	272	8	12.4	0.0		58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/12/2023 16:20	9.6	271	6	12.3	0.0		59
29/12/2023 16:30	9.6	275	7	12.7	0.0		61
29/12/2023 16:40	9.0	273	6	11.2	0.0		65
29/12/2023 16:50	8.7	272	7	11.1	0.0		64
29/12/2023 17:00	8.9	273	6	11.1	0.0		65
29/12/2023 17:10	9.1	271	6	11.3	0.0		65
29/12/2023 17:20	8.1	270	7	10.5	0.0		65
29/12/2023 17:30	8.0	274	7	10.4	0.0		65
29/12/2023 17:40	8.4	272	6	10.4	0.0		66
29/12/2023 17:50	8.5	271	7	11.0	0.0		67
29/12/2023 18:00	8.5	270	6	10.9	0.0		69
29/12/2023 18:10	8.4	270	6	10.6	0.0		69
29/12/2023 18:20	8.1	270	6	10.7	0.0		69
29/12/2023 18:30	7.5	275	6	10.3	0.0		68
29/12/2023 18:40	8.1	278	5	10.3	0.0		68
29/12/2023 18:50	8.2	279	5	10.4	0.0		70
29/12/2023 19:00	7.6	278	5	11.1	0.0		70
29/12/2023 19:10	8.2	277	5	10.7	0.0		72
29/12/2023 19:20	7.3	277	6	10.1	0.0		72
29/12/2023 19:30	7.7	275	7	9.7	0.0		72
29/12/2023 19:40	7.3	279	6	9.3	0.0		72
29/12/2023 19:50	7.5	278	6	9.4	0.0		72
29/12/2023 20:00	7.6	280	6	10.1	0.0		72
29/12/2023 20:10	8.0	281	5	10.1	0.0		73
29/12/2023 20:20	7.9	283	5	10.5	0.0		73
29/12/2023 20:30	8.2	280	5	10.3	0.0		73
29/12/2023 20:40	6.7	274	6	8.8	0.0		73
29/12/2023 20:50	7.0	278	6	8.7	0.0		73
29/12/2023 21:00	7.2	278	6	9.2	0.0		74
29/12/2023 21:10	6.6	277	6	8.9	0.0		75
29/12/2023 21:20	7.5	275	5	9.4	0.0		76
29/12/2023 21:30	7.8	278	5	9.9	0.0		76
29/12/2023 21:40	8.0	275	5	10.5	0.0		76
29/12/2023 21:50	7.2	271	6	9.6	0.0		77
29/12/2023 22:00	7.7	273	5	9.7	0.0		76
29/12/2023 22:10	8.0	271	6	10.1	0.0		75
29/12/2023 22:20	7.5	268	5	9.3	0.0		75
29/12/2023 22:30	7.7	272	5	9.7	0.0		76
29/12/2023 22:40	8.2	272	6	10.6	0.0		76
29/12/2023 22:50	8.2	272	6	10.5	0.0		76
29/12/2023 23:00	7.9	271	5	10.1	0.0		77
29/12/2023 23:10	8.1	270	6	10.3	0.0		76
29/12/2023 23:20	8.1	271	5	10.0	0.0		75
29/12/2023 23:30	7.2	271	5	9.2	0.0		75
29/12/2023 23:40	7.9	269	5	10.3	0.0		75
29/12/2023 23:50	8.1	267	5	10.5	0.0		74
30/12/2023 00:00	8.4	269	5	10.5	0.0		73
30/12/2023 00:10	7.2	266	6	9.8	0.0		73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/12/2023 00:20	7.6	265	5	9.7	0.0		72
30/12/2023 00:30	7.3	265	5	9.2	0.0		72
30/12/2023 00:40	7.9	267	5	9.9	0.0		72
30/12/2023 00:50	7.6	266	5	9.7	0.0		71
30/12/2023 01:00	6.8	267	6	8.5	0.0		71
30/12/2023 01:10	7.6	266	5	9.8	0.0		71
30/12/2023 01:20	7.1	264	5	9.4	0.0		71
30/12/2023 01:30	7.4	267	5	10.4	0.0		70
30/12/2023 01:40	7.6	266	6	9.6	0.0		70
30/12/2023 01:50	7.1	265	6	9.0	0.0		69
30/12/2023 02:00	7.6	265	5	9.7	0.0		66
30/12/2023 02:10	7.8	263	5	9.7	0.0		66
30/12/2023 02:20	7.7	264	5	9.7	0.0		66
30/12/2023 02:30	7.4	264	5	9.5	0.0		64
30/12/2023 02:40	7.2	265	5	8.9	0.0		64
30/12/2023 02:50	7.1	268	4	9.4	0.0		63
30/12/2023 03:00	7.2	267	5	9.0	0.0		63
30/12/2023 03:10	6.1	266	6	8.2	0.0		62
30/12/2023 03:20	6.6	265	7	8.7	0.0		61
30/12/2023 03:30	6.5	265	5	9.0	0.0		60
30/12/2023 03:40	6.8	266	5	8.5	0.0		59
30/12/2023 03:50	6.5	266	5	8.3	0.0		58
30/12/2023 04:00	6.7	268	5	9.1	0.0		58
30/12/2023 04:10	6.9	267	6	8.8	0.0		57
30/12/2023 04:20	6.7	265	5	8.5	0.0		58
30/12/2023 04:30	6.9	264	4	8.5	0.0		59
30/12/2023 04:40	6.9	264	5	8.4	0.0		59
30/12/2023 04:50	6.9	264	5	8.6	0.0		59
30/12/2023 05:00	7.1	266	5	9.6	0.0		60
30/12/2023 05:10	6.9	263	5	9.1	0.0		60
30/12/2023 05:20	7.2	263	5	9.4	0.0		60
30/12/2023 05:30	6.9	263	5	8.7	0.0		59
30/12/2023 05:40	6.1	264	4	7.3	0.0		59
30/12/2023 05:50	5.6	265	4	6.9	0.0		58
30/12/2023 06:00	5.7	266	4	7.3	0.0		55
30/12/2023 06:10	6.0	267	5	7.6	0.0		55
30/12/2023 06:20	6.4	267	4	7.9	0.0		54
30/12/2023 06:30	6.7	270	4	8.4	0.0		54
30/12/2023 06:40	6.8	269	3	8.2	0.0		53
30/12/2023 06:50	6.8	271	5	8.6	0.0		54
30/12/2023 07:00	6.6	269	4	8.7	0.0		55
30/12/2023 07:10	6.7	268	5	8.3	0.0		55
30/12/2023 07:20	7.5	270	5	9.0	0.0		54
30/12/2023 07:30	6.9	269	5	8.4	0.0		52
30/12/2023 07:40	6.6	273	6	8.6	0.0		51
30/12/2023 07:50	6.2	274	6	7.6	0.0		51
30/12/2023 08:00	5.4	276	8	7.1	0.0		50
30/12/2023 08:10	4.2	288	10	5.5	0.0		50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/12/2023 08:20	4.0	284	9	5.3	0.0		48
30/12/2023 08:30	4.2	280	9	5.3	0.0		46
30/12/2023 08:40	3.7	279	11	5.1	0.0		46
30/12/2023 08:50	3.5	292	10	4.6	0.0		44
30/12/2023 09:00	3.2	295	13	4.2	0.0		44
30/12/2023 09:10	3.6	297	11	4.8	0.0		47
30/12/2023 09:20	3.6	294	11	5.0	0.0		47
30/12/2023 09:30	3.3	290	11	4.5	0.0		46
30/12/2023 09:40	3.1	281	12	4.3	0.0		45
30/12/2023 09:50	3.3	280	11	4.6	0.0		44
30/12/2023 10:00	3.6	277	16	5.2	0.0		41
30/12/2023 10:10	4.1	267	11	5.5	0.0		39
30/12/2023 10:20	3.2	300	23	4.7	0.0		37
30/12/2023 10:30	3.7	295	12	5.0	0.0		38
30/12/2023 10:40	3.8	282	14	5.3	0.0		38
30/12/2023 10:50	3.8	305	18	5.0	0.0		37
30/12/2023 11:00	3.9	277	16	6.4	0.0		37
30/12/2023 11:10	4.1	285	10	5.4	0.0		39
30/12/2023 11:20	3.9	288	10	5.5	0.0		40
30/12/2023 11:30	3.6	302	19	5.7	0.0		41
30/12/2023 11:40	3.7	305	19	5.2	0.0		42
30/12/2023 11:50	5.0	273	13	7.5	0.0		43
30/12/2023 12:00	4.9	256	10	6.5	0.0		47
30/12/2023 12:10	5.0	256	11	7.2	0.0		47
30/12/2023 12:20	5.5	259	11	7.6	0.0		47
30/12/2023 12:30	5.9	257	10	7.4	0.0		46
30/12/2023 12:40	6.5	264	9	8.7	0.0		49
30/12/2023 12:50	6.4	269	11	8.2	0.0		49
30/12/2023 13:00	6.8	277	8	8.6	0.0		45
30/12/2023 13:10	7.4	267	7	9.3	0.0		48
30/12/2023 13:20	7.6	267	7	9.6	0.0		47
30/12/2023 13:30	7.8	269	7	9.7	0.0		48
30/12/2023 13:40	7.9	269	8	10.1	0.0		48
30/12/2023 13:50	8.5	273	7	10.6	0.0		43
30/12/2023 14:00	8.8	272	6	11.3	0.0		40
30/12/2023 14:10	8.7	270	6	11.6	0.0		39
30/12/2023 14:20	9.5	269	7	12.1	0.0		38
30/12/2023 14:30	9.1	265	8	12.4	0.0		38
30/12/2023 14:40	9.4	261	8	12.1	0.0		39
30/12/2023 14:50	9.4	260	8	12.7	0.0		43
30/12/2023 15:00	8.8	264	9	11.8	0.0		48
30/12/2023 15:10	8.2	270	8	11.1	0.0		50
30/12/2023 15:20	8.0	268	7	10.9	0.0		51
30/12/2023 15:30	8.2	267	7	11.0	0.0		49
30/12/2023 15:40	7.6	269	9	10.9	0.0		49
30/12/2023 15:50	8.0	271	8	10.5	0.0		50
30/12/2023 16:00	8.6	266	9	12.0	0.0		51
30/12/2023 16:10	9.0	270	8	12.4	0.0		51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/12/2023 16:20	9.6	269	7	12.2	0.0		53
30/12/2023 16:30	9.6	275	6	13.5	0.0		54
30/12/2023 16:40	9.4	273	7	12.0	0.0		57
30/12/2023 16:50	9.2	277	7	11.7	0.0		57
30/12/2023 17:00	9.4	274	6	12.2	0.0		58
30/12/2023 17:10	9.5	276	6	12.5	0.0		58
30/12/2023 17:20	9.1	276	8	12.3	0.0		59
30/12/2023 17:30	8.5	277	7	11.6	0.0		58
30/12/2023 17:40	7.7	272	9	11.3	0.0		56
30/12/2023 17:50	8.7	272	8	11.6	0.0		57
30/12/2023 18:00	8.7	268	7	11.3	0.0		58
30/12/2023 18:10	8.2	268	9	11.7	0.0		59
30/12/2023 18:20	9.1	269	7	12.8	0.0		61
30/12/2023 18:30	7.8	268	7	11.2	0.0		61
30/12/2023 18:40	8.1	267	7	11.3	0.0		62
30/12/2023 18:50	8.1	267	7	11.6	0.0		62
30/12/2023 19:00	8.3	266	6	11.9	0.0		63
30/12/2023 19:10	8.2	268	6	10.8	0.0		65
30/12/2023 19:20	8.4	270	6	11.5	0.0		65
30/12/2023 19:30	7.8	268	6	11.1	0.0		65
30/12/2023 19:40	7.7	268	7	10.1	0.0		66
30/12/2023 19:50	9.1	267	6	12.3	0.0		65
30/12/2023 20:00	9.3	267	6	12.3	0.0		65
30/12/2023 20:10	8.9	268	6	11.7	0.0		65
30/12/2023 20:20	8.9	267	6	11.8	0.0		66
30/12/2023 20:30	8.5	266	5	11.0	0.0		67
30/12/2023 20:40	8.9	264	6	12.5	0.0		68
30/12/2023 20:50	9.5	265	6	13.5	0.0		68
30/12/2023 21:00	9.1	265	6	12.4	0.0		70
30/12/2023 21:10	9.4	266	6	12.5	0.0		70
30/12/2023 21:20	9.3	266	6	12.2	0.0		70
30/12/2023 21:30	9.0	263	6	12.2	0.0		70
30/12/2023 21:40	8.7	263	6	11.5	0.0		69
30/12/2023 21:50	8.9	263	6	11.7	0.0		69
30/12/2023 22:00	8.5	261	6	11.4	0.0		68
30/12/2023 22:10	7.9	260	6	10.9	0.0		68
30/12/2023 22:20	7.8	262	6	10.4	0.0		68
30/12/2023 22:30	8.0	262	5	10.7	0.0		68
30/12/2023 22:40	8.0	261	6	10.2	0.0		68
30/12/2023 22:50	8.0	262	6	10.2	0.0		69
30/12/2023 23:00	8.0	261	6	10.8	0.0		69
30/12/2023 23:10	7.5	260	5	10.3	0.0		69
30/12/2023 23:20	7.7	261	6	10.2	0.0		68
30/12/2023 23:30	7.5	261	6	9.5	0.0		69
30/12/2023 23:40	7.3	261	6	9.2	0.0		69
30/12/2023 23:50	7.3	263	4	9.0	0.0		69
31/12/2023 00:00	7.1	262	5	8.9	0.0		70
31/12/2023 00:10	7.6	263	5	9.7	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/12/2023 00:20	7.1	261	6	9.0	0.0		70
31/12/2023 00:30	7.2	261	5	9.1	0.0		68
31/12/2023 00:40	7.3	263	5	9.3	0.0		68
31/12/2023 00:50	7.2	262	5	9.2	0.0		69
31/12/2023 01:00	7.3	261	5	9.2	0.0		68
31/12/2023 01:10	6.8	261	5	8.5	0.0		67
31/12/2023 01:20	6.7	263	6	8.7	0.0		67
31/12/2023 01:30	6.4	264	5	8.1	0.0		67
31/12/2023 01:40	5.7	266	5	7.3	0.0		65
31/12/2023 01:50	5.5	262	5	7.1	0.0		63
31/12/2023 02:00	5.5	265	5	7.2	0.0		62
31/12/2023 02:10	5.4	265	5	7.1	0.0		61
31/12/2023 02:20	5.7	267	4	7.0	0.0		60
31/12/2023 02:30	5.3	264	5	7.1	0.0		60
31/12/2023 02:40	5.3	263	4	6.5	0.0		59
31/12/2023 02:50	5.4	266	5	7.0	0.0		60
31/12/2023 03:00	4.5	265	5	5.6	0.0		62
31/12/2023 03:10	4.3	264	6	5.2	0.0		60
31/12/2023 03:20	4.1	260	6	5.1	0.0		57
31/12/2023 03:30	4.4	254	8	5.5	0.0		53
31/12/2023 03:40	4.7	260	6	5.6	0.0		50
31/12/2023 03:50	4.7	268	5	5.8	0.0		51
31/12/2023 04:00	4.7	270	4	5.6	0.0		51
31/12/2023 04:10	4.7	266	4	5.3	0.0		52
31/12/2023 04:20	4.6	267	5	5.3	0.0		54
31/12/2023 04:30	4.2	267	5	4.8	0.0		52
31/12/2023 04:40	4.4	274	5	5.2	0.0		51
31/12/2023 04:50	4.7	277	4	5.5	0.0		51
31/12/2023 05:00	4.4	277	4	5.3	0.0		55
31/12/2023 05:10	4.7	275	5	5.5	0.0		57
31/12/2023 05:20	4.5	271	4	5.8	0.0		55
31/12/2023 05:30	4.6	275	4	5.2	0.0		56
31/12/2023 05:40	4.7	279	5	5.5	0.0		57
31/12/2023 05:50	5.1	278	4	5.9	0.0		56
31/12/2023 06:00	5.0	275	5	6.2	0.0		56
31/12/2023 06:10	5.2	278	4	6.1	0.0		55
31/12/2023 06:20	5.4	277	4	6.2	0.0		53
31/12/2023 06:30	5.4	274	4	6.5	0.0		51
31/12/2023 06:40	5.5	271	5	6.8	0.0		47
31/12/2023 06:50	4.3	266	7	5.4	0.0		44
31/12/2023 07:00	4.7	256	7	6.1	0.0		39
31/12/2023 07:10	4.9	255	8	7.1	0.0		36
31/12/2023 07:20	5.0	252	9	6.8	0.0		33
31/12/2023 07:30	4.3	254	10	6.1	0.0		33
31/12/2023 07:40	4.8	265	8	6.5	0.0		36
31/12/2023 07:50	4.8	260	8	6.3	0.0		36
31/12/2023 08:00	4.8	262	9	6.4	0.0		35
31/12/2023 08:10	5.5	267	6	7.0	0.0		34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/12/2023 08:20	5.6	268	7	7.0	0.0		33
31/12/2023 08:30	5.8	269	6	7.4	0.0		33
31/12/2023 08:40	5.9	269	6	7.3	0.0		32
31/12/2023 08:50	5.7	270	7	7.3	0.0		32
31/12/2023 09:00	5.0	284	8	6.6	0.0		38
31/12/2023 09:10	5.2	283	8	6.4	0.0		36
31/12/2023 09:20	5.0	283	6	6.4	0.0		34
31/12/2023 09:30	4.8	285	7	6.3	0.0		32
31/12/2023 09:40	5.2	281	7	6.6	0.0		32
31/12/2023 09:50	4.6	279	8	6.3	0.0		33
31/12/2023 10:00	4.6	279	7	6.0	0.0		34
31/12/2023 10:10	5.1	283	7	6.6	0.0		36
31/12/2023 10:20	5.2	285	7	7.5	0.0		37
31/12/2023 10:30	5.7	286	7	7.4	0.0		38
31/12/2023 10:40	6.7	285	6	8.7	0.0		43
31/12/2023 10:50	7.1	281	6	9.0	0.0		46
31/12/2023 11:00	7.3	279	5	9.8	0.0		48
31/12/2023 11:10	7.7	277	6	9.3	0.0		49
31/12/2023 11:20	8.0	276	6	10.1	0.0		51
31/12/2023 11:30	8.5	275	5	10.4	0.0		51
31/12/2023 11:40	7.8	275	7	9.8	0.0		50
31/12/2023 11:50	7.7	269	7	10.7	0.0		51
31/12/2023 12:00	8.6	274	7	11.3	0.0		53
31/12/2023 12:10	8.8	271	9	11.5	0.0		53
31/12/2023 12:20	9.7	273	7	12.8	0.0		55
31/12/2023 12:30	9.8	276	7	12.4	0.0		54
31/12/2023 12:40	9.3	274	8	12.0	0.0		54
31/12/2023 12:50	9.3	267	7	12.6	0.0		54
31/12/2023 13:00	8.8	269	8	11.2	0.0		53
31/12/2023 13:10	9.8	268	7	12.6	0.0		53
31/12/2023 13:20	9.6	265	8	14.2	0.0		53
31/12/2023 13:30	9.6	270	7	12.5	0.0		54
31/12/2023 13:40	8.6	275	8	11.4	0.0		55
31/12/2023 13:50	9.0	268	7	11.2	0.0		54
31/12/2023 14:00	8.7	264	6	11.1	0.0		52
31/12/2023 14:10	8.3	263	8	12.2	0.0		51
31/12/2023 14:20	9.0	264	8	11.6	0.0		50
31/12/2023 14:30	9.3	264	7	12.0	0.0		50
31/12/2023 14:40	9.1	264	7	11.5	0.0		51
31/12/2023 14:50	8.6	263	8	11.3	0.0		51
31/12/2023 15:00	9.1	267	8	11.8	0.0		52
31/12/2023 15:10	9.1	263	7	12.7	0.0		50
31/12/2023 15:20	9.4	262	8	12.5	0.0		51
31/12/2023 15:30	9.5	264	7	12.8	0.0		49
31/12/2023 15:40	9.9	263	8	13.7	0.0		49
31/12/2023 15:50	9.7	265	8	13.1	0.0		48
31/12/2023 16:00	9.0	260	8	12.9	0.0		49
31/12/2023 16:10	10.1	266	7	13.9	0.0		48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/12/2023 16:20	9.5	265	8	12.7	0.0		49
31/12/2023 16:30	9.4	264	7	12.4	0.0		50
31/12/2023 16:40	9.7	266	8	13.3	0.0		50
31/12/2023 16:50	10.0	263	8	13.5	0.0		50
31/12/2023 17:00	9.5	266	8	12.7	0.0		52
31/12/2023 17:10	10.1	266	8	14.0	0.0		53
31/12/2023 17:20	9.3	263	8	13.8	0.0		54
31/12/2023 17:30	10.1	265	6	13.3	0.0		57
31/12/2023 17:40	9.3	267	7	12.7	0.0		58
31/12/2023 17:50	9.1	267	6	12.5	0.0		59
31/12/2023 18:00	8.7	267	6	11.4	0.0		59
31/12/2023 18:10	8.4	267	7	10.9	0.0		60
31/12/2023 18:20	8.4	266	7	10.9	0.0		61
31/12/2023 18:30	8.5	267	6	11.1	0.0		61
31/12/2023 18:40	8.7	265	5	11.1	0.0		61
31/12/2023 18:50	8.6	265	6	11.1	0.0		61
31/12/2023 19:00	8.4	266	6	10.7	0.0		60
31/12/2023 19:10	8.3	265	6	11.0	0.0		60
31/12/2023 19:20	8.5	265	6	10.9	0.0		59
31/12/2023 19:30	8.3	264	6	12.0	0.0		57
31/12/2023 19:40	8.4	265	6	11.0	0.0		56
31/12/2023 19:50	7.5	264	6	10.1	0.0		57
31/12/2023 20:00	7.7	263	6	10.3	0.0		58
31/12/2023 20:10	7.9	264	5	10.1	0.0		58
31/12/2023 20:20	7.5	267	6	10.6	0.0		59
31/12/2023 20:30	8.4	267	5	10.9	0.0		60
31/12/2023 20:40	7.8	266	6	10.1	0.0		61
31/12/2023 20:50	6.8	264	6	8.6	0.0		61
31/12/2023 21:00	6.9	264	6	8.5	0.0		61
31/12/2023 21:10	6.6	263	6	8.8	0.0		61
31/12/2023 21:20	6.5	264	5	8.2	0.0		62
31/12/2023 21:30	6.2	265	5	7.9	0.0		62
31/12/2023 21:40	6.3	267	5	7.7	0.0		61
31/12/2023 21:50	6.5	265	5	8.1	0.0		62
31/12/2023 22:00	6.2	267	6	7.8	0.0		63
31/12/2023 22:10	6.2	267	6	7.7	0.0		63
31/12/2023 22:20	5.5	269	5	7.1	0.0		64
31/12/2023 22:30	5.2	269	5	6.8	0.0		66
31/12/2023 22:40	4.7	269	6	6.5	0.0		67
31/12/2023 22:50	4.4	272	5	5.7	0.0		69
31/12/2023 23:00	4.5	273	5	5.9	0.0		70
31/12/2023 23:10	4.8	274	5	6.0	0.0		71
31/12/2023 23:20	4.7	277	5	6.0	0.0		72
31/12/2023 23:30	4.8	276	5	6.4	0.0		72
31/12/2023 23:40	4.9	277	4	6.0	0.0		72
31/12/2023 23:50	4.7	275	5	6.1	0.0		73
01/01/2024 00:00	4.6	272	4	5.7	0.0		73
01/01/2024 00:10	4.9	273	4	5.7	0.0	28.9	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/01/2024 00:20	4.5	270	4	5.9	0.0	28.9	74
01/01/2024 00:30	4.8	274	4	5.8	0.0	28.8	75
01/01/2024 00:40	5.2	276	3	5.9	0.0	28.8	75
01/01/2024 00:50	5.1	273	4	6.2	0.0	28.7	75
01/01/2024 01:00	5.0	271	4	6.1	0.0	28.6	76
01/01/2024 01:10	5.3	272	4	6.6	0.0	28.6	75
01/01/2024 01:20	5.2	275	3	6.1	0.0	28.6	75
01/01/2024 01:30	4.9	276	3	5.6	0.0	28.6	75
01/01/2024 01:40	5.2	280	3	6.3	0.0	28.5	75
01/01/2024 01:50	5.4	281	4	6.3	0.0	28.5	74
01/01/2024 02:00	5.4	277	4	6.3	0.0	28.6	73
01/01/2024 02:10	5.2	276	4	6.3	0.0	28.5	74
01/01/2024 02:20	5.0	277	5	6.4	0.0	28.4	75
01/01/2024 02:30	5.3	276	3	6.5	0.0	28.3	75
01/01/2024 02:40	5.4	278	5	6.7	0.0	28.3	74
01/01/2024 02:50	5.4	277	5	7.1	0.0	28.4	73
01/01/2024 03:00	4.8	273	5	6.0	0.0	28.3	73
01/01/2024 03:10	4.9	274	4	6.0	0.0	28.3	73
01/01/2024 03:20	4.9	273	5	6.0	0.0	28.3	73
01/01/2024 03:30	4.9	273	4	6.0	0.0	28.2	72
01/01/2024 03:40	5.2	272	4	6.2	0.0	28.2	72
01/01/2024 03:50	5.1	274	4	6.0	0.0	28.2	72
01/01/2024 04:00	5.2	275	3	6.0	0.0	28.1	71
01/01/2024 04:10	5.1	275	4	6.0	0.0	28.1	70
01/01/2024 04:20	5.3	278	4	6.0	0.0	28.1	68
01/01/2024 04:30	5.3	279	3	6.2	0.0	28.2	66
01/01/2024 04:40	5.1	279	4	5.9	0.0	28.3	65
01/01/2024 04:50	5.6	278	4	6.5	0.0	28.4	63
01/01/2024 05:00	5.4	279	3	6.5	0.0	28.4	62
01/01/2024 05:10	5.4	280	3	6.3	0.0	28.5	61
01/01/2024 05:20	5.5	280	3	6.6	0.0	28.6	57
01/01/2024 05:30	5.0	277	5	6.2	0.0	28.7	52
01/01/2024 05:40	4.8	281	5	6.0	0.0	28.9	50
01/01/2024 05:50	4.9	278	6	6.2	0.0	29.0	48
01/01/2024 06:00	4.7	278	5	5.6	0.0	29.1	46
01/01/2024 06:10	4.6	280	5	6.1	0.0	29.1	46
01/01/2024 06:20	4.2	283	7	5.8	0.0	29.3	44
01/01/2024 06:30	4.2	288	6	5.4	0.0	29.7	42
01/01/2024 06:40	4.2	289	7	5.5	0.0	29.9	41
01/01/2024 06:50	4.5	286	6	5.8	0.0	30.1	40
01/01/2024 07:00	4.5	289	6	5.8	0.0	30.4	39
01/01/2024 07:10	4.6	279	6	5.6	0.0	30.6	38
01/01/2024 07:20	4.6	277	6	5.6	0.0	30.9	37
01/01/2024 07:30	4.6	272	6	5.5	0.0	31.6	33
01/01/2024 07:40	3.8	271	7	5.1	0.0	32.2	31
01/01/2024 07:50	3.5	273	8	4.4	0.0	32.8	30
01/01/2024 08:00	3.6	253	8	4.7	0.0	33.7	25
01/01/2024 08:10	3.7	236	9	5.3	0.0	34.5	22



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/01/2024 08:20	3.8	239	10	4.8	0.0	34.9	21
01/01/2024 08:30	3.1	229	15	4.4	0.0	35.4	20
01/01/2024 08:40	3.3	228	14	4.7	0.0	35.8	18
01/01/2024 08:50	2.5	230	23	3.9	0.0	35.9	20
01/01/2024 09:00	1.9	188	27	4.3	0.0	36.5	17
01/01/2024 09:10	2.6	136	33	4.1	0.0	36.5	21
01/01/2024 09:20	2.9	105	13	4.3	0.0	35.5	24
01/01/2024 09:30	2.3	87	24	3.5	0.0	35.7	23
01/01/2024 09:40	1.6	167	28	2.6	0.0	36.0	23
01/01/2024 09:50	2.4	217	22	4.1	0.0	36.2	30
01/01/2024 10:00	3.6	269	11	5.1	0.0	35.7	33
01/01/2024 10:10	3.6	275	8	4.9	0.0	36.0	31
01/01/2024 10:20	3.8	271	9	4.8	0.0	35.9	32
01/01/2024 10:30	3.9	278	8	4.8	0.0	36.0	31
01/01/2024 10:40	2.9	272	11	4.1	0.0	36.5	29
01/01/2024 10:50	2.4	111	54	4.5	0.0	37.4	25
01/01/2024 11:00	6.1	61	9	8.9	0.0	35.8	29
01/01/2024 11:10	4.8	61	9	6.1	0.0	34.4	35
01/01/2024 11:20	4.7	70	10	6.7	0.0	36.3	31
01/01/2024 11:30	5.2	62	11	7.0	0.0	35.2	37
01/01/2024 11:40	4.3	64	9	5.8	0.0	36.1	34
01/01/2024 11:50	4.4	60	12	6.4	0.0	36.4	36
01/01/2024 12:00	3.4	36	32	6.4	0.0	37.5	33
01/01/2024 12:10	4.0	19	44	8.9	0.0	36.8	38
01/01/2024 12:20	3.0	176	20	4.7	0.0	37.9	34
01/01/2024 12:30	3.8	198	24	8.3	0.0	37.7	34
01/01/2024 12:40	4.0	204	16	6.2	0.0	38.0	31
01/01/2024 12:50	3.9	10	20	5.5	0.0	38.1	29
01/01/2024 13:00	5.2	355	8	6.6	0.0	37.8	33
01/01/2024 13:10	5.8	174	13	7.8	0.0	37.2	39
01/01/2024 13:20	6.3	346	10	8.8	0.0	36.0	45
01/01/2024 13:30	6.9	331	7	8.2	0.0	34.7	47
01/01/2024 13:40	6.0	340	10	7.9	0.0	35.2	46
01/01/2024 13:50	6.4	328	11	8.4	0.0	35.0	44
01/01/2024 14:00	6.5	329	9	8.4	0.0	35.1	44
01/01/2024 14:10	6.0	328	9	8.5	0.0	35.3	42
01/01/2024 14:20	5.7	335	9	7.6	0.0	35.4	40
01/01/2024 14:30	6.6	349	13	9.6	0.0	35.3	38
01/01/2024 14:40	6.0	340	10	8.1	0.0	35.0	39
01/01/2024 14:50	6.5	342	14	9.2	0.0	34.9	40
01/01/2024 15:00	6.6	339	8	8.8	0.0	34.7	41
01/01/2024 15:10	6.7	334	10	8.8	0.0	34.5	42
01/01/2024 15:20	6.7	325	9	8.5	0.0	33.8	48
01/01/2024 15:30	6.3	324	6	7.9	0.0	33.2	49
01/01/2024 15:40	6.2	328	8	8.3	0.0	33.3	51
01/01/2024 15:50	6.1	329	10	7.7	0.0	32.7	54
01/01/2024 16:00	5.9	327	10	7.6	0.0	32.0	57
01/01/2024 16:10	5.9	321	8	8.3	0.0	31.8	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/01/2024 16:20	4.6	316	11	6.3	0.0	32.2	57
01/01/2024 16:30	4.4	318	12	5.9	0.0	32.5	56
01/01/2024 16:40	4.7	287	10	6.6	0.0	33.0	54
01/01/2024 16:50	6.0	293	9	7.7	0.0	32.7	52
01/01/2024 17:00	5.6	298	9	7.8	0.0	32.6	54
01/01/2024 17:10	7.0	294	7	9.5	0.0	32.3	53
01/01/2024 17:20	7.7	288	8	9.7	0.0	32.7	49
01/01/2024 17:30	8.5	276	7	10.9	0.0	33.1	45
01/01/2024 17:40	8.0	278	7	11.0	0.0	32.6	48
01/01/2024 17:50	8.5	281	6	11.1	0.0	31.6	53
01/01/2024 18:00	8.1	278	6	10.1	0.0	31.0	57
01/01/2024 18:10	7.6	279	7	9.5	0.0	30.7	60
01/01/2024 18:20	7.8	280	6	10.4	0.0	30.4	62
01/01/2024 18:30	7.9	274	6	10.0	0.0	30.1	63
01/01/2024 18:40	7.3	270	6	9.6	0.0	29.9	64
01/01/2024 18:50	7.5	272	6	9.2	0.0	29.8	65
01/01/2024 19:00	7.3	269	5	8.9	0.0	29.8	64
01/01/2024 19:10	7.1	268	4	9.7	0.0	29.9	65
01/01/2024 19:20	6.6	271	5	8.5	0.0	29.8	65
01/01/2024 19:30	6.6	270	5	8.6	0.0	29.9	63
01/01/2024 19:40	6.3	274	6	8.1	0.0	30.0	63
01/01/2024 19:50	6.1	272	6	7.5	0.0	30.1	62
01/01/2024 20:00	5.7	267	5	7.4	0.0	30.1	61
01/01/2024 20:10	6.5	260	7	8.3	0.0	30.2	59
01/01/2024 20:20	5.8	270	6	7.5	0.0	30.2	60
01/01/2024 20:30	5.9	273	6	8.4	0.0	30.2	59
01/01/2024 20:40	6.4	269	6	8.4	0.0	30.3	58
01/01/2024 20:50	6.8	271	5	9.2	0.0	30.1	59
01/01/2024 21:00	7.9	270	5	10.6	0.0	29.9	62
01/01/2024 21:10	8.0	270	5	10.0	0.0	29.7	64
01/01/2024 21:20	8.4	270	6	11.2	0.0	29.5	65
01/01/2024 21:30	7.8	269	6	10.4	0.0	29.3	67
01/01/2024 21:40	7.5	266	5	9.6	0.0	29.2	67
01/01/2024 21:50	7.4	267	5	9.5	0.0	29.2	67
01/01/2024 22:00	7.3	265	5	9.3	0.0	29.2	67
01/01/2024 22:10	7.8	266	5	10.1	0.0	29.1	66
01/01/2024 22:20	7.1	265	5	9.2	0.0	29.2	64
01/01/2024 22:30	7.5	261	6	9.7	0.0	29.3	61
01/01/2024 22:40	7.7	263	6	10.0	0.0	29.4	60
01/01/2024 22:50	8.2	262	6	11.0	0.0	29.3	61
01/01/2024 23:00	8.0	262	6	10.9	0.0	29.2	61
01/01/2024 23:10	7.4	262	7	9.2	0.0	29.1	64
01/01/2024 23:20	7.6	266	5	10.5	0.0	28.8	68
01/01/2024 23:30	7.4	265	5	9.3	0.0	28.6	70
01/01/2024 23:40	7.6	263	6	9.9	0.0	28.5	70
01/01/2024 23:50	8.2	268	6	10.9	0.0	28.4	72
02/01/2024 00:00	8.3	265	6	11.0	0.0	28.3	73
02/01/2024 00:10	7.4	261	6	9.7	0.0	28.2	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/01/2024 00:20	8.6	264	5	10.8	0.0	28.0	76
02/01/2024 00:30	8.7	267	6	11.1	0.0	28.0	77
02/01/2024 00:40	7.5	261	6	9.9	0.0	27.9	78
02/01/2024 00:50	7.5	262	5	10.6	0.0	27.8	78
02/01/2024 01:00	8.2	263	5	10.2	0.0	27.8	78
02/01/2024 01:10	8.2	265	5	10.9	0.0	27.8	78
02/01/2024 01:20	8.2	262	4	10.0	0.0	27.7	78
02/01/2024 01:30	8.1	261	5	10.0	0.0	27.7	78
02/01/2024 01:40	8.0	260	6	10.4	0.0	27.7	76
02/01/2024 01:50	8.2	260	6	10.4	0.0	27.7	76
02/01/2024 02:00	7.9	262	5	10.0	0.0	27.6	76
02/01/2024 02:10	7.7	260	6	9.8	0.0	27.6	75
02/01/2024 02:20	7.6	260	5	10.1	0.0	27.6	75
02/01/2024 02:30	7.3	262	5	9.6	0.0	27.6	74
02/01/2024 02:40	6.8	260	6	9.2	0.0	27.6	73
02/01/2024 02:50	7.3	262	5	9.3	0.0	27.5	73
02/01/2024 03:00	7.4	264	5	9.9	0.0	27.5	73
02/01/2024 03:10	7.1	264	5	9.8	0.0	27.4	73
02/01/2024 03:20	7.2	265	6	9.8	0.0	27.4	73
02/01/2024 03:30	6.7	266	5	9.0	0.0	27.4	72
02/01/2024 03:40	6.8	267	5	8.7	0.0	27.4	72
02/01/2024 03:50	6.8	264	5	9.0	0.0	27.3	72
02/01/2024 04:00	7.0	265	6	9.9	0.0	27.3	71
02/01/2024 04:10	7.2	263	5	8.8	0.0	27.3	70
02/01/2024 04:20	7.2	262	5	9.0	0.0	27.3	70
02/01/2024 04:30	7.4	262	5	9.4	0.0	27.3	69
02/01/2024 04:40	7.2	261	5	9.1	0.0	27.3	68
02/01/2024 04:50	7.0	263	5	8.8	0.0	27.3	69
02/01/2024 05:00	7.2	265	5	9.1	0.0	27.2	68
02/01/2024 05:10	6.7	264	5	8.4	0.0	27.2	69
02/01/2024 05:20	6.6	265	6	8.5	0.0	27.2	69
02/01/2024 05:30	6.3	264	5	8.1	0.0	27.1	68
02/01/2024 05:40	7.0	261	5	8.6	0.0	27.1	68
02/01/2024 05:50	7.1	262	5	8.5	0.0	27.2	67
02/01/2024 06:00	6.0	263	6	7.6	0.0	27.1	67
02/01/2024 06:10	6.1	266	5	7.4	0.0	27.1	67
02/01/2024 06:20	6.2	264	6	7.8	0.0	27.2	66
02/01/2024 06:30	6.0	264	5	7.8	0.0	27.3	65
02/01/2024 06:40	6.2	263	5	7.6	0.0	27.4	65
02/01/2024 06:50	6.1	261	6	8.2	0.0	27.6	64
02/01/2024 07:00	6.7	263	6	8.7	0.0	27.8	63
02/01/2024 07:10	7.0	263	5	8.6	0.0	28.0	62
02/01/2024 07:20	7.1	262	5	8.9	0.0	28.1	61
02/01/2024 07:30	7.0	262	6	8.8	0.0	28.3	61
02/01/2024 07:40	6.4	264	7	7.9	0.0	28.7	60
02/01/2024 07:50	6.6	267	6	8.1	0.0	28.8	59
02/01/2024 08:00	6.4	270	5	7.9	0.0	29.2	57
02/01/2024 08:10	6.0	273	6	7.3	0.0	29.4	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/01/2024 08:20	5.2	272	8	6.4	0.0	29.8	55
02/01/2024 08:30	4.9	268	8	5.9	0.0	30.3	53
02/01/2024 08:40	4.9	276	11	6.2	0.0	30.7	52
02/01/2024 08:50	4.8	284	9	6.2	0.0	31.0	53
02/01/2024 09:00	4.7	287	10	6.4	0.0	31.3	53
02/01/2024 09:10	5.4	283	7	6.4	0.0	31.0	55
02/01/2024 09:20	5.9	283	9	7.6	0.0	30.7	58
02/01/2024 09:30	5.8	287	7	7.3	0.0	30.7	58
02/01/2024 09:40	5.6	286	8	7.2	0.0	31.2	56
02/01/2024 09:50	6.0	277	6	7.2	0.0	31.1	56
02/01/2024 10:00	5.8	276	8	7.5	0.0	31.5	55
02/01/2024 10:10	6.9	274	6	8.6	0.0	31.4	54
02/01/2024 10:20	7.2	267	6	8.6	0.0	31.4	52
02/01/2024 10:30	7.2	267	6	8.4	0.0	31.5	53
02/01/2024 10:40	7.3	268	6	8.7	0.0	31.8	54
02/01/2024 10:50	7.1	273	7	8.7	0.0	31.9	56
02/01/2024 11:00	7.6	275	8	9.1	0.0	31.7	57
02/01/2024 11:10	7.7	275	6	9.5	0.0	31.5	58
02/01/2024 11:20	8.0	274	6	9.6	0.0	31.6	58
02/01/2024 11:30	8.1	277	8	9.7	0.0	31.2	59
02/01/2024 11:40	7.9	276	7	10.3	0.0	31.5	57
02/01/2024 11:50	7.7	266	9	9.6	0.0	31.7	56
02/01/2024 12:00	7.4	255	8	8.9	0.0	32.1	55
02/01/2024 12:10	7.0	261	8	8.8	0.0	32.2	54
02/01/2024 12:20	7.4	264	8	9.0	0.0	32.2	54
02/01/2024 12:30	7.4	264	6	9.1	0.0	32.1	55
02/01/2024 12:40	7.2	271	7	8.7	0.0	31.9	58
02/01/2024 12:50	6.5	275	10	8.5	0.0	32.6	57
02/01/2024 13:00	6.5	275	9	8.6	0.0	32.5	58
02/01/2024 13:10	6.1	271	7	7.6	0.0	32.3	59
02/01/2024 13:20	6.7	264	9	8.5	0.0	32.0	59
02/01/2024 13:30	7.0	260	7	8.5	0.0	31.6	59
02/01/2024 13:40	7.4	258	5	8.9	0.0	32.1	57
02/01/2024 13:50	7.5	260	8	9.4	0.0	32.1	57
02/01/2024 14:00	7.4	269	8	9.6	0.0	32.0	56
02/01/2024 14:10	8.2	278	6	10.8	0.0	31.8	57
02/01/2024 14:20	8.3	277	7	11.0	0.0	32.0	57
02/01/2024 14:30	8.3	280	7	10.6	0.0	31.5	59
02/01/2024 14:40	8.9	270	5	10.9	0.0	31.3	58
02/01/2024 14:50	9.7	273	4	11.9	0.0	31.3	55
02/01/2024 15:00	8.9	273	7	11.3	0.0	31.5	53
02/01/2024 15:10	8.0	277	7	11.1	0.0	32.6	50
02/01/2024 15:20	8.7	277	6	11.3	0.0	32.2	50
02/01/2024 15:30	9.1	277	6	11.4	0.0	31.7	51
02/01/2024 15:40	9.4	274	5	11.4	0.0	31.6	50
02/01/2024 15:50	8.3	279	6	10.4	0.0	32.0	48
02/01/2024 16:00	8.1	278	7	11.2	0.0	32.0	50
02/01/2024 16:10	7.4	284	8	9.5	0.0	31.4	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/01/2024 16:20	7.5	278	6	9.9	0.0	31.5	56
02/01/2024 16:30	7.8	283	7	9.5	0.0	30.9	57
02/01/2024 16:40	7.2	284	7	9.5	0.0	31.3	54
02/01/2024 16:50	7.9	285	6	10.7	0.0	31.1	54
02/01/2024 17:00	7.3	286	6	9.4	0.0	31.0	55
02/01/2024 17:10	6.9	285	7	8.8	0.0	30.5	57
02/01/2024 17:20	7.0	283	6	8.7	0.0	30.5	57
02/01/2024 17:30	6.7	284	6	9.2	0.0	30.3	57
02/01/2024 17:40	6.4	280	6	8.8	0.0	30.2	58
02/01/2024 17:50	6.5	280	6	8.4	0.0	29.9	59
02/01/2024 18:00	6.8	282	6	8.8	0.0	29.4	61
02/01/2024 18:10	7.2	283	5	8.6	0.0	29.2	62
02/01/2024 18:20	7.4	287	6	9.3	0.0	28.9	64
02/01/2024 18:30	6.8	290	7	9.1	0.0	28.8	64
02/01/2024 18:40	6.8	294	7	8.7	0.0	28.5	66
02/01/2024 18:50	6.5	292	7	8.5	0.0	28.3	68
02/01/2024 19:00	6.7	287	7	9.1	0.0	28.2	68
02/01/2024 19:10	7.0	285	7	9.1	0.0	28.3	66
02/01/2024 19:20	6.3	282	7	8.6	0.0	28.2	67
02/01/2024 19:30	5.8	283	7	8.1	0.0	28.0	68
02/01/2024 19:40	6.1	277	6	7.8	0.0	28.0	68
02/01/2024 19:50	6.7	273	7	8.4	0.0	27.9	68
02/01/2024 20:00	6.6	269	7	8.9	0.0	27.8	70
02/01/2024 20:10	6.9	271	8	9.1	0.0	27.6	72
02/01/2024 20:20	7.1	277	7	10.0	0.0	27.4	73
02/01/2024 20:30	7.0	279	8	9.2	0.0	27.3	73
02/01/2024 20:40	6.8	282	6	9.6	0.0	27.3	73
02/01/2024 20:50	7.9	287	7	9.9	0.0	27.3	72
02/01/2024 21:00	7.4	290	7	9.9	0.0	27.6	69
02/01/2024 21:10	6.9	291	8	9.5	0.0	27.3	75
02/01/2024 21:20	7.1	289	7	9.5	0.0	27.1	76
02/01/2024 21:30	6.7	288	7	8.8	0.0	27.0	77
02/01/2024 21:40	7.6	286	6	10.5	0.0	27.0	76
02/01/2024 21:50	8.1	284	7	10.8	0.0	26.7	78
02/01/2024 22:00	7.0	291	8	9.4	0.0	26.6	80
02/01/2024 22:10	6.6	291	7	8.6	0.0	26.5	81
02/01/2024 22:20	7.4	292	7	10.4	0.0	26.6	79
02/01/2024 22:30	8.0	292	7	10.0	0.0	26.6	79
02/01/2024 22:40	8.4	292	7	11.3	0.0	26.7	78
02/01/2024 22:50	9.2	292	6	12.0	0.0	26.6	78
02/01/2024 23:00	9.1	292	6	11.3	0.0	26.3	81
02/01/2024 23:10	9.0	291	6	11.9	0.0	26.2	81
02/01/2024 23:20	8.5	291	6	11.1	0.0	26.1	82
02/01/2024 23:30	8.6	291	6	11.8	0.0	26.1	82
02/01/2024 23:40	8.5	285	6	11.3	0.0	26.1	81
02/01/2024 23:50	8.5	286	6	11.7	0.0	26.1	81
03/01/2024 00:00	8.6	282	5	11.4	0.0	26.0	81
03/01/2024 00:10	8.1	284	6	10.9	0.0	26.0	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/01/2024 00:20	7.7	285	6	10.1	0.0	26.0	81
03/01/2024 00:30	8.2	291	6	10.6	0.0	26.0	81
03/01/2024 00:40	7.5	288	7	9.8	0.0	26.0	81
03/01/2024 00:50	7.7	288	6	10.0	0.0	26.0	80
03/01/2024 01:00	7.6	287	7	10.7	0.0	26.1	80
03/01/2024 01:10	7.4	288	7	9.9	0.0	26.1	80
03/01/2024 01:20	7.2	286	7	10.5	0.0	26.0	80
03/01/2024 01:30	6.9	287	7	9.6	0.0	26.0	80
03/01/2024 01:40	6.5	286	7	9.0	0.0	26.0	80
03/01/2024 01:50	6.4	287	7	9.8	0.0	26.0	80
03/01/2024 02:00	6.3	292	8	8.5	0.0	26.1	79
03/01/2024 02:10	6.4	295	8	9.2	0.0	26.1	79
03/01/2024 02:20	6.2	291	6	8.5	0.0	26.0	79
03/01/2024 02:30	6.1	291	8	8.3	0.0	26.1	79
03/01/2024 02:40	6.1	293	7	8.0	0.0	26.1	79
03/01/2024 02:50	5.9	294	8	8.1	0.0	26.1	79
03/01/2024 03:00	6.3	296	6	8.7	0.0	26.2	78
03/01/2024 03:10	5.9	294	8	7.9	0.0	26.2	78
03/01/2024 03:20	5.7	290	7	7.5	0.0	26.3	78
03/01/2024 03:30	5.3	292	7	7.4	0.0	26.3	78
03/01/2024 03:40	5.1	289	7	6.8	0.0	26.3	78
03/01/2024 03:50	5.4	283	6	7.4	0.0	26.3	78
03/01/2024 04:00	6.3	280	6	8.0	0.0	26.2	79
03/01/2024 04:10	6.3	278	7	8.2	0.0	26.3	79
03/01/2024 04:20	6.1	275	6	7.8	0.0	26.2	80
03/01/2024 04:30	6.2	278	6	8.2	0.0	26.3	80
03/01/2024 04:40	6.2	281	6	8.5	0.0	26.3	81
03/01/2024 04:50	5.5	286	7	7.9	0.0	26.3	81
03/01/2024 05:00	5.4	286	7	7.2	0.0	26.3	81
03/01/2024 05:10	5.9	285	7	8.3	0.0	26.4	81
03/01/2024 05:20	6.4	281	6	8.4	0.0	26.4	81
03/01/2024 05:30	5.9	281	7	7.7	0.0	26.4	81
03/01/2024 05:40	6.4	279	6	8.2	0.0	26.5	81
03/01/2024 05:50	5.9	279	5	8.5	0.0	26.6	80
03/01/2024 06:00	5.4	287	7	7.9	0.0	26.6	80
03/01/2024 06:10	5.7	285	7	7.7	0.0	26.7	79
03/01/2024 06:20	7.3	270	6	9.5	0.0	27.2	71
03/01/2024 06:30	6.9	274	7	9.1	0.0	27.5	69
03/01/2024 06:40	7.8	275	6	9.7	0.0	27.7	67
03/01/2024 06:50	7.8	271	7	10.2	0.0	27.9	67
03/01/2024 07:00	8.0	273	6	10.6	0.0	27.9	67
03/01/2024 07:10	8.5	269	5	10.6	0.0	28.0	65
03/01/2024 07:20	8.1	269	6	10.3	0.0	28.2	65
03/01/2024 07:30	7.7	271	6	9.9	0.0	28.4	64
03/01/2024 07:40	8.1	277	6	10.5	0.0	28.4	64
03/01/2024 07:50	8.5	275	6	10.6	0.0	28.4	63
03/01/2024 08:00	9.1	268	6	11.1	0.0	28.5	63
03/01/2024 08:10	8.3	274	7	11.3	0.0	28.6	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/01/2024 08:20	9.1	277	6	11.2	0.0	28.7	63
03/01/2024 08:30	9.2	270	6	11.7	0.0	28.7	63
03/01/2024 08:40	9.2	273	6	11.3	0.0	28.7	63
03/01/2024 08:50	9.1	276	8	11.8	0.0	28.8	63
03/01/2024 09:00	9.2	273	8	11.8	0.0	28.8	62
03/01/2024 09:10	8.8	277	7	11.5	0.0	28.9	61
03/01/2024 09:20	8.7	280	6	11.1	0.0	29.1	59
03/01/2024 09:30	9.5	277	7	11.5	0.0	29.0	60
03/01/2024 09:40	8.8	278	9	11.2	0.0	29.4	58
03/01/2024 09:50	9.0	281	8	11.1	0.0	29.2	60
03/01/2024 10:00	9.4	271	7	11.9	0.0	29.0	62
03/01/2024 10:10	9.6	273	7	12.3	0.0	29.0	62
03/01/2024 10:20	9.3	275	8	12.4	0.0	29.1	63
03/01/2024 10:30	10.1	276	7	12.1	0.0	29.0	62
03/01/2024 10:40	9.2	273	9	11.8	0.0	29.0	63
03/01/2024 10:50	9.1	276	8	11.0	0.0	28.8	65
03/01/2024 11:00	8.6	275	9	10.9	0.0	29.3	63
03/01/2024 11:10	9.2	278	7	12.0	0.0	29.2	64
03/01/2024 11:20	8.8	278	9	12.0	0.0	29.4	64
03/01/2024 11:30	8.8	274	10	11.6	0.0	29.4	64
03/01/2024 11:40	9.3	282	6	11.6	0.0	29.2	65
03/01/2024 11:50	9.8	281	6	12.5	0.0	29.4	65
03/01/2024 12:00	9.9	279	7	12.9	0.0	29.4	64
03/01/2024 12:10	9.7	281	7	11.7	0.0	29.0	66
03/01/2024 12:20	9.6	276	6	12.4	0.0	29.1	66
03/01/2024 12:30	8.2	280	9	11.5	0.0	29.8	63
03/01/2024 12:40	9.2	282	7	12.0	0.0	29.7	63
03/01/2024 12:50	8.0	276	9	10.3	0.0	29.8	64
03/01/2024 13:00	7.4	262	10	9.9	0.0	29.8	64
03/01/2024 13:10	7.1	266	7	9.5	0.0	30.1	62
03/01/2024 13:20	7.3	257	9	9.4	0.0	30.2	62
03/01/2024 13:30	7.2	258	9	9.2	0.0	30.4	60
03/01/2024 13:40	7.5	263	9	9.7	0.0	30.7	60
03/01/2024 13:50	7.7	265	7	10.2	0.0	30.5	61
03/01/2024 14:00	7.3	269	9	10.0	0.0	30.4	62
03/01/2024 14:10	7.2	260	7	9.5	0.0	30.4	61
03/01/2024 14:20	6.5	277	14	9.0	0.0	30.6	61
03/01/2024 14:30	6.6	284	7	8.6	0.0	31.0	57
03/01/2024 14:40	6.3	313	12	9.2	0.0	30.9	56
03/01/2024 14:50	5.7	307	14	9.7	0.0	30.9	57
03/01/2024 15:00	7.6	287	8	10.4	0.0	31.0	55
03/01/2024 15:10	7.4	289	8	10.5	0.0	30.8	56
03/01/2024 15:20	6.7	298	12	9.5	0.0	30.7	58
03/01/2024 15:30	7.0	294	10	9.6	0.0	30.6	58
03/01/2024 15:40	8.1	290	7	10.4	0.0	30.7	56
03/01/2024 15:50	7.8	292	8	9.8	0.0	30.1	58
03/01/2024 16:00	7.9	288	7	10.8	0.0	30.0	59
03/01/2024 16:10	7.7	286	7	10.0	0.0	30.0	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/01/2024 16:20	7.9	288	8	10.9	0.0	29.7	61
03/01/2024 16:30	8.6	286	6	10.6	0.0	29.5	62
03/01/2024 16:40	8.4	289	7	10.3	0.0	29.0	65
03/01/2024 16:50	7.8	288	7	9.7	0.0	29.2	65
03/01/2024 17:00	7.5	285	8	9.9	0.0	28.9	67
03/01/2024 17:10	8.1	287	5	10.0	0.0	28.6	69
03/01/2024 17:20	8.4	287	4	10.4	0.0	28.3	71
03/01/2024 17:30	7.9	288	6	10.1	0.0	28.1	72
03/01/2024 17:40	8.3	286	6	10.4	0.0	28.0	72
03/01/2024 17:50	8.5	287	6	10.7	0.0	27.7	74
03/01/2024 18:00	8.4	293	7	10.9	0.0	27.3	77
03/01/2024 18:10	8.0	289	7	10.5	0.0	27.2	77
03/01/2024 18:20	7.4	284	9	10.5	0.0	27.5	75
03/01/2024 18:30	8.0	283	7	10.3	0.0	27.2	76
03/01/2024 18:40	7.8	278	7	10.0	0.0	27.1	76
03/01/2024 18:50	8.5	270	6	10.9	0.0	26.7	79
03/01/2024 19:00	8.1	275	6	10.5	0.0	26.6	79
03/01/2024 19:10	7.7	277	8	10.0	0.0	26.5	79
03/01/2024 19:20	7.3	278	8	9.4	0.0	26.5	79
03/01/2024 19:30	7.1	284	7	10.4	0.0	26.4	79
03/01/2024 19:40	7.4	276	7	9.7	0.0	26.4	79
03/01/2024 19:50	7.9	273	7	10.6	0.0	26.3	79
03/01/2024 20:00	8.0	274	7	10.7	0.0	26.2	80
03/01/2024 20:10	8.7	272	6	11.5	0.0	26.1	81
03/01/2024 20:20	9.0	271	7	11.4	0.0	26.1	82
03/01/2024 20:30	9.0	274	6	11.7	0.0	26.0	82
03/01/2024 20:40	9.2	274	7	11.7	0.0	26.0	82
03/01/2024 20:50	9.3	270	6	12.2	0.0	25.9	82
03/01/2024 21:00	9.2	275	5	12.3	0.0	25.8	83
03/01/2024 21:10	8.7	274	6	11.1	0.0	25.8	83
03/01/2024 21:20	8.0	270	6	10.5	0.0	25.8	83
03/01/2024 21:30	7.8	269	7	10.4	0.0	25.8	83
03/01/2024 21:40	8.3	264	6	10.8	0.0	25.9	82
03/01/2024 21:50	8.3	267	6	11.2	0.0	25.9	80
03/01/2024 22:00	8.8	267	6	11.0	0.0	26.0	80
03/01/2024 22:10	8.7	266	6	11.4	0.0	25.9	80
03/01/2024 22:20	8.1	265	6	10.3	0.0	25.8	82
03/01/2024 22:30	8.7	262	6	10.6	0.0	25.8	82
03/01/2024 22:40	8.0	261	6	10.3	0.0	25.8	83
03/01/2024 22:50	9.0	264	5	11.0	0.0	25.7	84
03/01/2024 23:00	8.4	264	6	10.6	0.0	25.7	84
03/01/2024 23:10	8.2	263	6	10.4	0.0	25.7	85
03/01/2024 23:20	8.0	267	5	11.1	0.0	25.7	85
03/01/2024 23:30	8.5	266	6	10.9	0.0	25.7	84
03/01/2024 23:40	8.1	271	6	10.3	0.0	25.7	84
03/01/2024 23:50	8.0	266	6	11.4	0.0	25.7	84
04/01/2024 00:00	8.3	268	5	10.9	0.0	25.7	84
04/01/2024 00:10	8.7	270	5	11.1	0.0	25.7	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/01/2024 00:20	8.5	268	5	11.2	0.0	25.7	84
04/01/2024 00:30	8.9	267	5	11.4	0.0	25.7	84
04/01/2024 00:40	8.4	265	6	10.5	0.0	25.6	84
04/01/2024 00:50	8.5	265	5	10.5	0.0	25.6	83
04/01/2024 01:00	7.7	262	7	9.7	0.0	25.6	84
04/01/2024 01:10	7.6	267	6	10.0	0.0	25.6	83
04/01/2024 01:20	7.5	266	6	9.9	0.0	25.6	83
04/01/2024 01:30	8.1	267	6	10.4	0.0	25.6	82
04/01/2024 01:40	7.8	268	6	9.9	0.0	25.5	83
04/01/2024 01:50	7.0	270	7	9.3	0.0	25.5	83
04/01/2024 02:00	8.1	273	6	10.5	0.0	25.5	82
04/01/2024 02:10	8.3	271	6	10.8	0.0	25.6	82
04/01/2024 02:20	8.2	271	5	10.1	0.0	25.5	81
04/01/2024 02:30	8.0	266	5	10.4	0.0	25.5	81
04/01/2024 02:40	7.8	269	6	10.0	0.0	25.5	81
04/01/2024 02:50	7.8	266	6	9.9	0.0	25.4	80
04/01/2024 03:00	7.3	260	7	9.7	0.0	25.4	81
04/01/2024 03:10	7.0	257	7	9.5	0.0	25.4	81
04/01/2024 03:20	7.3	256	8	9.9	0.0	25.4	81
04/01/2024 03:30	6.6	258	8	9.3	0.0	25.3	81
04/01/2024 03:40	7.0	257	8	8.9	0.0	25.3	81
04/01/2024 03:50	6.7	259	7	8.6	0.0	25.3	81
04/01/2024 04:00	6.4	263	7	9.0	0.0	25.3	81
04/01/2024 04:10	6.7	262	6	9.4	0.0	25.3	80
04/01/2024 04:20	6.7	265	6	9.1	0.0	25.3	80
04/01/2024 04:30	5.5	256	10	7.6	0.0	25.3	81
04/01/2024 04:40	4.6	261	8	6.3	0.0	25.2	81
04/01/2024 04:50	4.2	262	7	5.6	0.0	25.3	81
04/01/2024 05:00	4.7	274	10	7.1	0.0	25.3	82
04/01/2024 05:10	5.4	282	8	7.2	0.0	25.3	83
04/01/2024 05:20	5.7	283	8	8.0	0.0	25.1	83
04/01/2024 05:30	5.1	285	9	7.1	0.0	25.0	83
04/01/2024 05:40	5.3	279	8	8.6	0.0	25.0	83
04/01/2024 05:50	4.8	283	9	6.7	0.0	24.9	83
04/01/2024 06:00	4.5	281	9	6.8	0.0	24.9	83
04/01/2024 06:10	5.6	281	7	7.1	0.0	25.0	83
04/01/2024 06:20	5.2	284	8	6.8	0.0	25.0	82
04/01/2024 06:30	5.0	279	8	6.9	0.0	25.1	81
04/01/2024 06:40	5.0	284	10	7.1	0.0	25.1	81
04/01/2024 06:50	4.5	280	9	6.5	0.0	25.2	80
04/01/2024 07:00	4.6	284	8	6.8	0.0	25.4	79
04/01/2024 07:10	5.0	286	7	7.2	0.0	25.5	79
04/01/2024 07:20	5.3	274	8	7.2	0.0	25.6	78
04/01/2024 07:30	6.1	273	6	7.7	0.0	25.8	77
04/01/2024 07:40	5.9	273	8	8.3	0.0	25.8	76
04/01/2024 07:50	5.6	273	9	7.9	0.0	26.1	75
04/01/2024 08:00	6.0	275	10	7.7	0.0	26.1	75
04/01/2024 08:10	5.9	277	7	7.9	0.0	26.1	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/01/2024 08:20	5.8	270	9	7.4	0.0	26.3	74
04/01/2024 08:30	5.4	277	10	7.0	0.0	26.6	73
04/01/2024 08:40	5.5	276	11	7.7	0.0	26.4	74
04/01/2024 08:50	5.7	270	11	7.8	0.0	26.7	73
04/01/2024 09:00	6.3	273	11	8.2	0.0	26.6	73
04/01/2024 09:10	5.9	278	9	7.7	0.0	27.0	72
04/01/2024 09:20	5.7	276	10	7.9	0.0	26.9	72
04/01/2024 09:30	5.9	286	11	8.1	0.0	27.0	72
04/01/2024 09:40	5.6	286	10	7.8	0.0	27.2	71
04/01/2024 09:50	5.8	281	11	7.6	0.0	27.1	71
04/01/2024 10:00	5.3	281	11	7.2	0.0	27.4	70
04/01/2024 10:10	5.2	283	12	7.6	0.0	27.6	69
04/01/2024 10:20	5.5	280	9	6.9	0.0	27.9	68
04/01/2024 10:30	5.4	277	9	7.0	0.0	27.8	69
04/01/2024 10:40	5.5	279	9	7.3	0.0	28.1	67
04/01/2024 10:50	5.3	283	13	7.0	0.0	28.3	67
04/01/2024 11:00	5.3	285	13	7.6	0.0	28.4	66
04/01/2024 11:10	5.5	283	12	7.2	0.0	28.4	66
04/01/2024 11:20	5.7	275	12	7.6	0.0	28.8	64
04/01/2024 11:30	5.8	269	10	7.7	0.0	28.8	64
04/01/2024 11:40	5.8	272	9	8.5	0.0	28.9	64
04/01/2024 11:50	5.8	279	9	7.7	0.0	29.2	63
04/01/2024 12:00	5.5	277	13	7.7	0.0	29.5	62
04/01/2024 12:10	5.7	269	12	8.1	0.0	29.8	60
04/01/2024 12:20	5.5	277	12	7.8	0.0	30.1	59
04/01/2024 12:30	5.6	278	10	8.0	0.0	29.9	60
04/01/2024 12:40	5.3	287	12	7.7	0.0	29.8	62
04/01/2024 12:50	5.7	292	13	7.6	0.0	30.1	60
04/01/2024 13:00	5.7	282	12	8.3	0.0	30.2	59
04/01/2024 13:10	6.6	282	9	8.4	0.0	29.7	60
04/01/2024 13:20	6.2	289	11	8.7	0.0	29.8	59
04/01/2024 13:30	5.8	288	14	8.6	0.0	30.7	56
04/01/2024 13:40	6.6	312	10	8.9	0.0	29.9	58
04/01/2024 13:50	6.2	313	12	9.1	0.0	29.6	60
04/01/2024 14:00	5.7	316	10	8.3	0.0	29.7	60
04/01/2024 14:10	5.6	319	14	8.1	0.0	29.5	61
04/01/2024 14:20	6.1	320	13	8.6	0.0	29.6	60
04/01/2024 14:30	5.7	319	13	8.8	0.0	29.3	62
04/01/2024 14:40	4.9	305	15	7.3	0.0	30.1	59
04/01/2024 14:50	6.1	316	15	8.9	0.0	29.5	60
04/01/2024 15:00	6.5	315	18	8.9	0.0	29.1	62
04/01/2024 15:10	6.0	311	16	8.8	0.0	29.2	62
04/01/2024 15:20	6.8	325	14	9.5	0.0	28.6	64
04/01/2024 15:30	6.0	304	15	9.1	0.0	28.8	65
04/01/2024 15:40	7.0	289	9	9.5	0.0	28.8	65
04/01/2024 15:50	6.0	293	13	8.2	0.0	28.8	65
04/01/2024 16:00	6.3	291	12	8.8	0.0	29.0	64
04/01/2024 16:10	6.9	284	9	9.5	0.0	28.4	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/01/2024 16:20	6.9	287	7	8.6	0.0	28.5	65
04/01/2024 16:30	6.8	289	6	8.5	0.0	28.4	66
04/01/2024 16:40	6.3	290	8	8.8	0.0	28.4	66
04/01/2024 16:50	6.5	292	12	8.6	0.0	28.4	66
04/01/2024 17:00	6.8	313	9	9.9	0.0	28.0	67
04/01/2024 17:10	7.1	316	11	10.2	0.0	27.8	69
04/01/2024 17:20	7.3	317	9	9.7	0.0	27.5	71
04/01/2024 17:30	7.1	314	8	11.3	0.0	27.3	72
04/01/2024 17:40	6.2	310	13	9.3	0.0	27.4	72
04/01/2024 17:50	6.0	318	12	8.7	0.0	27.1	73
04/01/2024 18:00	6.1	314	10	9.3	0.0	26.9	74
04/01/2024 18:10	5.6	313	12	8.0	0.0	26.9	74
04/01/2024 18:20	5.9	313	9	8.0	0.0	26.8	75
04/01/2024 18:30	5.0	312	11	7.2	0.0	26.5	76
04/01/2024 18:40	4.7	305	13	7.6	0.0	26.6	77
04/01/2024 18:50	4.3	311	15	6.9	0.0	26.4	77
04/01/2024 19:00	3.9	306	12	6.0	0.0	26.3	78
04/01/2024 19:10	4.0	309	14	6.5	0.0	26.3	78
04/01/2024 19:20	4.6	312	11	6.9	0.0	26.1	78
04/01/2024 19:30	4.8	323	10	7.0	0.0	26.0	79
04/01/2024 19:40	5.5	313	9	7.2	0.0	26.0	78
04/01/2024 19:50	5.3	307	10	7.2	0.0	25.9	79
04/01/2024 20:00	5.1	306	12	7.9	0.0	26.0	79
04/01/2024 20:10	4.6	311	12	6.4	0.0	25.9	79
04/01/2024 20:20	5.5	292	8	7.4	0.0	25.9	80
04/01/2024 20:30	5.9	290	8	8.0	0.0	25.8	80
04/01/2024 20:40	6.1	289	8	8.1	0.0	25.7	80
04/01/2024 20:50	5.4	290	8	7.3	0.0	25.7	80
04/01/2024 21:00	6.0	291	9	8.0	0.0	25.7	80
04/01/2024 21:10	6.0	292	7	8.3	0.0	25.6	80
04/01/2024 21:20	6.3	287	10	8.7	0.0	25.6	80
04/01/2024 21:30	6.6	285	9	8.7	0.0	25.6	80
04/01/2024 21:40	6.5	277	6	8.5	0.0	25.6	80
04/01/2024 21:50	6.4	285	7	8.4	0.0	25.6	80
04/01/2024 22:00	6.3	283	8	8.2	0.0	25.5	80
04/01/2024 22:10	6.7	278	6	8.4	0.0	25.5	80
04/01/2024 22:20	6.9	281	6	8.8	0.0	25.5	80
04/01/2024 22:30	7.0	281	7	9.0	0.0	25.5	80
04/01/2024 22:40	7.1	282	6	9.7	0.0	25.5	80
04/01/2024 22:50	7.3	279	7	9.8	0.0	25.5	80
04/01/2024 23:00	6.8	282	6	9.3	0.0	25.4	80
04/01/2024 23:10	7.1	275	6	9.2	0.0	25.4	80
04/01/2024 23:20	6.6	281	7	8.6	0.0	25.4	80
04/01/2024 23:30	6.9	272	6	9.1	0.0	25.4	80
04/01/2024 23:40	7.0	275	6	8.8	0.0	25.3	80
04/01/2024 23:50	6.7	277	6	8.7	0.0	25.3	81
05/01/2024 00:00	6.6	276	7	8.4	0.0	25.3	81
05/01/2024 00:10	6.7	273	7	9.4	0.0	25.3	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/01/2024 00:20	7.2	270	6	9.3	0.0	25.3	80
05/01/2024 00:30	7.4	271	6	9.7	0.0	25.3	80
05/01/2024 00:40	7.3	270	6	9.2	0.0	25.3	80
05/01/2024 00:50	7.1	268	7	9.2	0.0	25.3	80
05/01/2024 01:00	7.3	267	8	9.4	0.0	25.3	80
05/01/2024 01:10	6.9	268	6	9.6	0.0	25.3	79
05/01/2024 01:20	7.1	268	7	9.2	0.0	25.3	80
05/01/2024 01:30	6.5	269	6	8.7	0.0	25.3	80
05/01/2024 01:40	6.3	273	7	8.4	0.0	25.3	80
05/01/2024 01:50	6.3	267	6	8.7	0.0	25.4	80
05/01/2024 02:00	6.7	263	6	8.8	0.0	25.3	79
05/01/2024 02:10	6.1	267	6	8.5	0.0	25.3	79
05/01/2024 02:20	7.0	267	6	9.2	0.0	25.3	79
05/01/2024 02:30	6.7	264	6	8.4	0.0	25.3	79
05/01/2024 02:40	6.3	267	7	8.2	0.0	25.4	80
05/01/2024 02:50	6.6	273	7	8.8	0.0	25.4	79
05/01/2024 03:00	6.4	268	6	8.7	0.0	25.4	79
05/01/2024 03:10	6.5	269	6	8.2	0.0	25.4	79
05/01/2024 03:20	6.5	271	6	8.8	0.0	25.4	79
05/01/2024 03:30	5.9	266	6	7.8	0.0	25.5	79
05/01/2024 03:40	6.3	271	6	8.0	0.0	25.4	80
05/01/2024 03:50	5.6	272	6	8.0	0.0	25.4	79
05/01/2024 04:00	5.9	274	7	8.4	0.0	25.5	79
05/01/2024 04:10	6.1	268	6	8.3	0.0	25.5	79
05/01/2024 04:20	6.3	268	6	8.6	0.0	25.5	79
05/01/2024 04:30	6.2	272	7	8.2	0.0	25.4	79
05/01/2024 04:40	6.0	274	7	8.1	0.0	25.4	80
05/01/2024 04:50	5.7	278	7	7.8	0.0	25.4	80
05/01/2024 05:00	5.5	274	7	7.4	0.0	25.4	80
05/01/2024 05:10	5.4	276	7	7.5	0.0	25.5	80
05/01/2024 05:20	5.6	275	8	8.3	0.0	25.5	80
05/01/2024 05:30	4.7	273	8	6.8	0.0	25.5	80
05/01/2024 05:40	5.6	271	7	7.7	0.0	25.5	79
05/01/2024 05:50	5.6	276	7	7.6	0.0	25.4	79
05/01/2024 06:00	5.7	276	7	7.7	0.0	25.5	79
05/01/2024 06:10	5.8	276	7	7.5	0.0	25.4	79
05/01/2024 06:20	5.4	277	7	7.5	0.0	25.5	78
05/01/2024 06:30	5.7	276	6	7.3	0.0	25.6	77
05/01/2024 06:40	5.6	280	8	7.3	0.0	25.6	78
05/01/2024 06:50	5.7	275	7	7.2	0.0	25.8	78
05/01/2024 07:00	5.8	271	7	7.1	0.0	25.9	77
05/01/2024 07:10	6.0	269	6	8.0	0.0	26.2	76
05/01/2024 07:20	6.3	268	7	8.2	0.0	26.1	76
05/01/2024 07:30	6.5	274	8	8.0	0.0	26.3	75
05/01/2024 07:40	6.6	268	8	8.2	0.0	26.4	75
05/01/2024 07:50	6.5	273	7	8.4	0.0	26.6	74
05/01/2024 08:00	6.4	276	7	8.5	0.0	26.8	73
05/01/2024 08:10	6.5	274	7	8.5	0.0	26.8	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/01/2024 08:20	6.5	275	8	8.5	0.0	26.8	73
05/01/2024 08:30	6.7	275	9	8.5	0.0	26.9	73
05/01/2024 08:40	6.6	272	10	8.5	0.0	27.1	72
05/01/2024 08:50	7.0	273	9	9.1	0.0	27.0	72
05/01/2024 09:00	6.7	272	8	9.0	0.0	27.1	71
05/01/2024 09:10	7.0	269	8	8.8	0.0	27.4	69
05/01/2024 09:20	7.1	272	10	9.0	0.0	27.5	69
05/01/2024 09:30	7.6	267	7	10.0	0.0	27.4	69
05/01/2024 09:40	7.6	267	9	9.6	0.0	27.6	69
05/01/2024 09:50	7.7	264	6	9.4	0.0	27.8	68
05/01/2024 10:00	7.4	266	10	9.6	0.0	27.7	67
05/01/2024 10:10	7.2	268	8	9.5	0.0	27.9	67
05/01/2024 10:20	7.7	256	8	9.6	0.0	28.1	67
05/01/2024 10:30	7.4	258	7	9.6	0.0	27.9	68
05/01/2024 10:40	7.6	264	9	9.8	0.0	28.0	67
05/01/2024 10:50	7.9	269	10	9.9	0.0	28.2	66
05/01/2024 11:00	7.9	260	10	10.0	0.0	28.1	67
05/01/2024 11:10	8.1	262	10	10.3	0.0	28.2	66
05/01/2024 11:20	8.4	258	9	10.7	0.0	28.3	65
05/01/2024 11:30	8.3	265	9	11.0	0.0	28.3	64
05/01/2024 11:40	8.1	264	7	10.5	0.0	28.4	64
05/01/2024 11:50	8.2	261	7	10.5	0.0	28.6	63
05/01/2024 12:00	8.3	268	9	10.4	0.0	28.2	65
05/01/2024 12:10	8.6	266	8	10.6	0.0	28.4	65
05/01/2024 12:20	8.4	269	7	10.6	0.0	28.2	65
05/01/2024 12:30	8.2	268	8	9.9	0.0	28.6	64
05/01/2024 12:40	8.3	277	9	10.3	0.0	28.5	64
05/01/2024 12:50	8.3	280	9	10.7	0.0	28.7	63
05/01/2024 13:00	8.3	277	11	10.6	0.0	28.4	65
05/01/2024 13:10	8.2	272	8	10.8	0.0	28.5	64
05/01/2024 13:20	8.7	267	8	11.3	0.0	28.3	65
05/01/2024 13:30	8.1	263	10	10.7	0.0	28.8	64
05/01/2024 13:40	8.2	270	9	10.6	0.0	28.6	65
05/01/2024 13:50	8.2	272	10	10.5	0.0	29.0	64
05/01/2024 14:00	8.7	268	6	10.9	0.0	29.2	62
05/01/2024 14:10	8.7	276	8	10.9	0.0	28.8	65
05/01/2024 14:20	8.4	275	8	11.0	0.0	28.8	65
05/01/2024 14:30	8.6	275	6	11.0	0.0	28.7	65
05/01/2024 14:40	8.6	276	7	11.0	0.0	28.8	65
05/01/2024 14:50	8.8	274	8	11.3	0.0	28.6	66
05/01/2024 15:00	8.9	272	7	10.8	0.0	28.5	65
05/01/2024 15:10	8.3	272	9	10.3	0.0	28.9	64
05/01/2024 15:20	8.9	267	8	11.1	0.0	29.0	64
05/01/2024 15:30	9.2	269	7	11.3	0.0	28.6	66
05/01/2024 15:40	8.9	271	7	11.6	0.0	28.7	65
05/01/2024 15:50	9.4	271	8	11.8	0.0	29.0	64
05/01/2024 16:00	9.8	265	7	12.0	0.0	28.5	67
05/01/2024 16:10	9.8	269	7	12.4	0.0	28.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/01/2024 16:20	10.3	272	6	12.6	0.0	28.4	67
05/01/2024 16:30	9.9	270	7	12.4	0.0	28.3	67
05/01/2024 16:40	9.6	275	8	12.6	0.0	28.2	69
05/01/2024 16:50	10.1	276	7	12.6	0.0	27.9	71
05/01/2024 17:00	9.6	278	7	12.5	0.0	27.8	71
05/01/2024 17:10	9.2	280	6	11.5	0.0	27.7	72
05/01/2024 17:20	8.4	277	7	10.5	0.0	27.8	73
05/01/2024 17:30	8.6	274	7	10.9	0.0	27.7	74
05/01/2024 17:40	7.9	278	7	10.2	0.0	27.5	75
05/01/2024 17:50	8.0	276	7	10.3	0.0	27.3	75
05/01/2024 18:00	7.6	277	7	10.0	0.0	27.4	75
05/01/2024 18:10	7.8	274	7	10.1	0.0	27.2	76
05/01/2024 18:20	7.3	277	8	9.3	0.0	27.2	77
05/01/2024 18:30	7.3	279	7	9.2	0.0	26.9	78
05/01/2024 18:40	6.9	279	7	9.2	0.0	26.9	78
05/01/2024 18:50	6.2	283	8	9.1	0.0	26.9	79
05/01/2024 19:00	6.5	291	8	8.9	0.0	26.7	79
05/01/2024 19:10	7.4	279	6	10.2	0.0	26.7	79
05/01/2024 19:20	7.2	281	6	9.6	0.0	26.7	79
05/01/2024 19:30	7.3	279	7	9.2	0.0	26.6	78
05/01/2024 19:40	7.9	279	6	9.7	0.0	26.6	78
05/01/2024 19:50	7.6	277	6	10.1	0.0	26.5	78
05/01/2024 20:00	7.5	277	6	9.8	0.0	26.4	78
05/01/2024 20:10	6.8	276	8	9.2	0.0	26.5	78
05/01/2024 20:20	7.2	278	7	9.7	0.0	26.4	78
05/01/2024 20:30	6.5	280	7	8.8	0.0	26.4	78
05/01/2024 20:40	7.0	277	7	9.4	0.0	26.4	79
05/01/2024 20:50	6.6	274	7	9.4	0.0	26.4	79
05/01/2024 21:00	7.1	272	7	9.4	0.0	26.3	79
05/01/2024 21:10	6.9	273	7	10.0	0.0	26.3	79
05/01/2024 21:20	7.7	273	6	10.1	0.0	26.3	79
05/01/2024 21:30	7.0	271	7	9.4	0.0	26.3	80
05/01/2024 21:40	7.2	269	8	9.4	0.0	26.3	80
05/01/2024 21:50	7.5	266	6	10.2	0.0	26.4	80
05/01/2024 22:00	8.1	262	7	10.4	0.0	26.3	80
05/01/2024 22:10	7.6	263	6	10.1	0.0	26.3	81
05/01/2024 22:20	8.0	259	7	10.6	0.0	26.3	81
05/01/2024 22:30	7.7	260	7	10.4	0.0	26.2	80
05/01/2024 22:40	7.7	264	7	10.1	0.0	26.2	80
05/01/2024 22:50	8.0	265	6	10.0	0.0	26.2	81
05/01/2024 23:00	7.8	257	6	9.7	0.0	26.2	81
05/01/2024 23:10	7.7	255	7	10.2	0.0	26.1	81
05/01/2024 23:20	7.0	257	7	9.6	0.0	26.1	81
05/01/2024 23:30	7.5	256	7	10.0	0.0	26.0	81
05/01/2024 23:40	6.8	257	7	9.5	0.0	26.0	81
05/01/2024 23:50	7.2	258	7	9.9	0.0	25.9	81
06/01/2024 00:00	6.9	255	7	9.6	0.0	25.9	81
06/01/2024 00:10	6.8	253	6	9.4	0.0	25.8	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/01/2024 00:20	6.6	252	8	9.2	0.0	25.8	81
06/01/2024 00:30	6.3	252	10	9.3	0.0	25.8	80
06/01/2024 00:40	6.6	255	9	9.3	0.0	25.6	80
06/01/2024 00:50	6.2	259	7	8.4	0.0	25.4	80
06/01/2024 01:00	6.1	255	8	8.3	0.0	25.4	80
06/01/2024 01:10	7.2	254	8	9.7	0.0	25.3	80
06/01/2024 01:20	7.0	251	7	10.1	0.0	25.4	79
06/01/2024 01:30	7.0	251	9	9.7	0.0	25.4	79
06/01/2024 01:40	7.7	252	8	9.7	0.0	25.3	79
06/01/2024 01:50	7.3	253	8	10.0	0.0	25.1	80
06/01/2024 02:00	6.7	250	8	9.3	0.0	25.2	79
06/01/2024 02:10	7.6	255	7	10.0	0.0	25.1	80
06/01/2024 02:20	7.8	253	7	9.9	0.0	24.9	80
06/01/2024 02:30	7.2	253	7	9.6	0.0	24.9	80
06/01/2024 02:40	6.9	252	7	9.3	0.0	24.9	80
06/01/2024 02:50	7.2	254	8	9.5	0.0	24.8	80
06/01/2024 03:00	6.4	251	9	9.5	0.0	24.8	80
06/01/2024 03:10	6.4	253	7	8.5	0.0	24.8	80
06/01/2024 03:20	6.6	253	8	9.0	0.0	24.8	80
06/01/2024 03:30	6.0	254	10	8.5	0.0	24.7	81
06/01/2024 03:40	6.3	253	8	8.7	0.0	24.6	81
06/01/2024 03:50	6.6	256	6	8.6	0.0	24.5	81
06/01/2024 04:00	6.3	255	8	8.6	0.0	24.5	81
06/01/2024 04:10	6.2	259	6	8.3	0.0	24.4	81
06/01/2024 04:20	6.2	257	8	7.7	0.0	24.4	81
06/01/2024 04:30	5.7	255	6	7.2	0.0	24.4	81
06/01/2024 04:40	5.6	251	8	7.6	0.0	24.5	81
06/01/2024 04:50	5.9	252	8	7.5	0.0	24.4	81
06/01/2024 05:00	5.8	251	8	7.6	0.0	24.5	81
06/01/2024 05:10	5.5	254	6	7.5	0.0	24.3	82
06/01/2024 05:20	6.3	257	8	8.1	0.0	24.3	82
06/01/2024 05:30	5.2	256	8	6.6	0.0	24.2	83
06/01/2024 05:40	5.2	259	7	6.9	0.0	24.2	83
06/01/2024 05:50	4.8	266	6	6.3	0.0	24.2	83
06/01/2024 06:00	4.5	269	6	6.1	0.0	24.2	83
06/01/2024 06:10	5.2	267	5	6.6	0.0	24.2	83
06/01/2024 06:20	5.4	264	6	6.9	0.0	24.3	83
06/01/2024 06:30	6.2	259	4	7.3	0.0	24.4	83
06/01/2024 06:40	5.2	264	6	6.9	0.0	24.7	82
06/01/2024 06:50	5.5	259	6	6.9	0.0	24.8	81
06/01/2024 07:00	6.3	261	5	7.8	0.0	24.9	81
06/01/2024 07:10	6.0	260	7	7.7	0.0	25.1	79
06/01/2024 07:20	6.7	265	7	8.2	0.0	25.3	79
06/01/2024 07:30	6.0	264	8	7.6	0.0	25.6	78
06/01/2024 07:40	6.3	262	7	7.8	0.0	25.8	77
06/01/2024 07:50	6.5	261	7	7.7	0.0	26.0	76
06/01/2024 08:00	6.6	268	7	8.1	0.0	26.3	76
06/01/2024 08:10	6.1	266	8	7.8	0.0	26.7	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/01/2024 08:20	6.7	263	7	8.2	0.0	26.8	73
06/01/2024 08:30	7.1	268	5	8.7	0.0	26.8	73
06/01/2024 08:40	7.3	269	8	8.5	0.0	27.1	72
06/01/2024 08:50	6.6	266	9	8.8	0.0	27.4	71
06/01/2024 09:00	6.5	277	9	8.4	0.0	27.6	71
06/01/2024 09:10	6.7	277	9	8.7	0.0	27.8	71
06/01/2024 09:20	7.1	280	9	9.2	0.0	27.8	71
06/01/2024 09:30	6.7	281	9	8.5	0.0	28.1	70
06/01/2024 09:40	6.7	282	7	8.3	0.0	27.9	70
06/01/2024 09:50	6.5	290	8	8.7	0.0	28.0	70
06/01/2024 10:00	6.1	286	10	8.8	0.0	28.2	69
06/01/2024 10:10	6.1	286	10	8.1	0.0	28.6	67
06/01/2024 10:20	5.9	289	13	7.8	0.0	29.1	66
06/01/2024 10:30	6.5	295	11	8.5	0.0	28.6	67
06/01/2024 10:40	6.4	283	11	8.5	0.0	29.2	64
06/01/2024 10:50	6.5	291	12	8.5	0.0	29.6	64
06/01/2024 11:00	6.5	303	10	9.1	0.0	29.1	68
06/01/2024 11:10	7.2	306	11	9.3	0.0	28.7	69
06/01/2024 11:20	6.8	307	9	9.5	0.0	28.9	68
06/01/2024 11:30	7.2	303	10	10.4	0.0	28.8	68
06/01/2024 11:40	7.5	299	9	10.2	0.0	28.7	68
06/01/2024 11:50	7.4	298	8	10.8	0.0	28.7	69
06/01/2024 12:00	7.8	304	10	10.7	0.0	28.4	70
06/01/2024 12:10	7.8	305	12	10.7	0.0	28.6	70
06/01/2024 12:20	7.3	302	12	11.2	0.0	28.8	69
06/01/2024 12:30	7.5	310	11	11.0	0.0	28.9	68
06/01/2024 12:40	7.3	305	11	10.4	0.0	29.0	67
06/01/2024 12:50	7.4	297	12	10.9	0.0	29.2	67
06/01/2024 13:00	8.7	282	7	11.7	0.0	29.4	66
06/01/2024 13:10	8.8	286	6	11.4	0.0	28.9	67
06/01/2024 13:20	8.7	288	9	10.7	0.0	29.2	66
06/01/2024 13:30	8.6	280	9	10.9	0.0	29.7	63
06/01/2024 13:40	7.5	287	8	9.8	0.0	30.0	62
06/01/2024 13:50	7.1	283	8	9.9	0.0	30.5	61
06/01/2024 14:00	7.5	269	10	9.3	0.0	30.8	61
06/01/2024 14:10	7.8	270	8	10.1	0.0	30.8	59
06/01/2024 14:20	8.4	270	6	10.8	0.0	30.5	60
06/01/2024 14:30	8.0	269	8	10.1	0.0	30.5	63
06/01/2024 14:40	8.1	266	8	10.0	0.0	30.2	64
06/01/2024 14:50	9.0	267	6	10.6	0.0	29.8	65
06/01/2024 15:00	8.9	269	5	11.0	0.0	29.8	65
06/01/2024 15:10	8.0	271	7	10.0	0.0	30.1	63
06/01/2024 15:20	8.5	266	6	10.4	0.0	30.1	63
06/01/2024 15:30	8.1	266	7	9.9	0.0	29.8	65
06/01/2024 15:40	8.0	266	6	10.4	0.0	29.6	66
06/01/2024 15:50	8.1	269	8	10.6	0.0	29.6	66
06/01/2024 16:00	8.4	267	7	10.7	0.0	29.7	66
06/01/2024 16:10	9.1	269	5	11.7	0.0	29.2	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/01/2024 16:20	8.3	267	7	11.1	0.0	29.4	67
06/01/2024 16:30	7.9	271	9	10.5	0.0	29.5	67
06/01/2024 16:40	9.0	272	6	11.1	0.0	29.0	69
06/01/2024 16:50	9.1	273	6	11.6	0.0	28.9	70
06/01/2024 17:00	9.1	268	6	11.6	0.0	28.9	69
06/01/2024 17:10	8.6	270	7	11.1	0.0	28.8	70
06/01/2024 17:20	9.0	267	6	11.2	0.0	28.8	70
06/01/2024 17:30	9.2	267	6	12.1	0.0	28.5	72
06/01/2024 17:40	9.1	268	7	12.0	0.0	28.5	72
06/01/2024 17:50	9.9	272	5	12.8	0.0	28.1	73
06/01/2024 18:00	9.8	276	6	12.0	0.0	27.8	76
06/01/2024 18:10	10.7	274	6	13.4	0.0	27.5	77
06/01/2024 18:20	10.3	273	6	12.8	0.0	27.4	77
06/01/2024 18:30	10.2	274	5	12.4	0.0	27.3	78
06/01/2024 18:40	10.9	275	4	13.0	0.0	27.1	79
06/01/2024 18:50	10.7	276	4	13.1	0.0	27.0	80
06/01/2024 19:00	10.5	274	5	12.3	0.0	26.9	81
06/01/2024 19:10	9.7	274	5	12.1	0.0	26.9	80
06/01/2024 19:20	9.1	280	6	11.5	0.0	26.8	81
06/01/2024 19:30	8.5	278	6	10.2	0.0	26.8	81
06/01/2024 19:40	9.2	275	5	11.7	0.0	26.7	81
06/01/2024 19:50	9.5	274	5	11.9	0.0	26.6	82
06/01/2024 20:00	9.8	271	5	12.3	0.0	26.6	83
06/01/2024 20:10	8.9	274	6	11.5	0.0	26.5	83
06/01/2024 20:20	9.6	276	5	11.3	0.0	26.5	83
06/01/2024 20:30	9.5	278	6	11.9	0.0	26.5	83
06/01/2024 20:40	9.5	278	5	11.6	0.0	26.5	83
06/01/2024 20:50	9.6	278	6	12.1	0.0	26.5	82
06/01/2024 21:00	9.2	281	6	12.0	0.0	26.5	82
06/01/2024 21:10	8.2	286	8	11.1	0.0	26.4	83
06/01/2024 21:20	7.5	285	8	11.2	0.0	26.4	83
06/01/2024 21:30	7.7	284	7	11.1	0.0	26.3	84
06/01/2024 21:40	8.4	280	8	11.3	0.0	26.3	85
06/01/2024 21:50	8.0	277	5	10.9	0.0	26.3	85
06/01/2024 22:00	8.9	278	6	11.9	0.0	26.3	86
06/01/2024 22:10	8.7	272	6	11.8	0.0	26.3	86
06/01/2024 22:20	8.6	271	6	11.8	0.0	26.3	87
06/01/2024 22:30	9.4	271	5	12.0	0.0	26.3	86
06/01/2024 22:40	8.8	271	6	11.2	0.0	26.2	87
06/01/2024 22:50	9.7	270	6	12.0	0.0	26.2	86
06/01/2024 23:00	9.3	270	5	11.6	0.0	26.3	87
06/01/2024 23:10	8.8	267	5	11.5	0.0	26.2	87
06/01/2024 23:20	9.2	264	6	12.0	0.0	26.2	87
06/01/2024 23:30	9.3	264	5	12.2	0.0	26.3	86
06/01/2024 23:40	8.8	262	5	11.3	0.0	26.3	86
06/01/2024 23:50	8.8	261	5	11.0	0.0	26.4	86
07/01/2024 00:00	8.5	264	6	11.2	0.0	26.4	85
07/01/2024 00:10	8.0	263	5	10.6	0.0	26.4	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/01/2024 00:20	7.5	269	6	9.7	0.0	26.4	86
07/01/2024 00:30	7.8	268	5	9.7	0.0	26.3	87
07/01/2024 00:40	7.9	268	5	10.2	0.0	26.3	84
07/01/2024 00:50	7.2	270	6	9.4	0.0	26.4	82
07/01/2024 01:00	7.5	270	5	9.7	0.0	26.5	80
07/01/2024 01:10	7.3	270	7	9.6	0.0	26.6	79
07/01/2024 01:20	8.4	273	6	11.5	0.0	26.6	80
07/01/2024 01:30	8.2	265	6	10.2	0.0	26.6	81
07/01/2024 01:40	8.5	263	5	10.6	0.0	26.6	82
07/01/2024 01:50	9.4	268	5	12.1	0.0	26.6	83
07/01/2024 02:00	9.2	264	5	11.9	0.0	26.7	81
07/01/2024 02:10	8.4	266	6	11.5	0.0	26.8	81
07/01/2024 02:20	8.3	267	6	11.1	0.0	26.7	82
07/01/2024 02:30	8.2	261	5	10.9	0.0	26.7	82
07/01/2024 02:40	7.7	261	5	10.2	0.0	26.7	82
07/01/2024 02:50	8.6	261	6	11.4	0.0	26.6	82
07/01/2024 03:00	6.9	259	6	9.5	0.0	26.6	83
07/01/2024 03:10	6.8	257	7	8.9	0.0	26.6	83
07/01/2024 03:20	6.6	258	7	8.3	0.0	26.6	83
07/01/2024 03:30	7.0	261	5	9.2	0.0	26.6	82
07/01/2024 03:40	7.0	262	5	8.8	0.0	26.6	81
07/01/2024 03:50	6.8	268	5	8.4	0.0	26.6	81
07/01/2024 04:00	6.3	268	5	7.8	0.0	26.5	82
07/01/2024 04:10	5.9	261	5	7.3	0.0	26.4	82
07/01/2024 04:20	6.2	256	5	7.9	0.0	26.3	82
07/01/2024 04:30	6.6	256	5	8.5	0.0	26.3	80
07/01/2024 04:40	6.7	259	4	8.2	0.0	26.3	80
07/01/2024 04:50	6.2	252	7	8.1	0.0	26.4	78
07/01/2024 05:00	6.4	253	6	8.4	0.0	26.3	78
07/01/2024 05:10	5.8	254	6	7.8	0.0	26.2	78
07/01/2024 05:20	6.0	259	6	7.2	0.0	26.0	79
07/01/2024 05:30	6.4	252	7	9.7	0.0	26.1	78
07/01/2024 05:40	6.1	255	7	8.4	0.0	26.2	77
07/01/2024 05:50	6.7	258	6	8.3	0.0	26.0	77
07/01/2024 06:00	6.4	257	6	8.5	0.0	26.1	76
07/01/2024 06:10	6.6	259	6	8.3	0.0	26.2	73
07/01/2024 06:20	6.5	257	7	8.5	0.0	26.4	72
07/01/2024 06:30	6.0	253	9	8.3	0.0	26.7	70
07/01/2024 06:40	6.7	255	8	8.7	0.0	26.9	68
07/01/2024 06:50	7.2	252	6	9.2	0.0	27.2	66
07/01/2024 07:00	7.0	254	6	9.0	0.0	27.5	65
07/01/2024 07:10	6.7	255	6	8.5	0.0	27.8	63
07/01/2024 07:20	7.0	251	8	8.9	0.0	28.2	60
07/01/2024 07:30	6.5	253	6	8.6	0.0	28.6	59
07/01/2024 07:40	5.9	250	9	7.9	0.0	29.0	56
07/01/2024 07:50	6.5	256	5	8.6	0.0	29.0	59
07/01/2024 08:00	6.4	262	7	8.0	0.0	29.2	57
07/01/2024 08:10	5.5	266	5	7.2	0.0	29.5	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/01/2024 08:20	5.0	275	8	6.3	0.0	29.9	54
07/01/2024 08:30	4.7	270	8	6.1	0.0	30.2	52
07/01/2024 08:40	5.2	280	7	6.8	0.0	30.3	52
07/01/2024 08:50	5.1	272	9	6.6	0.0	30.9	49
07/01/2024 09:00	5.3	270	14	6.9	0.0	31.2	47
07/01/2024 09:10	5.2	251	18	7.2	0.0	32.4	39
07/01/2024 09:20	4.8	262	10	6.7	0.0	32.2	42
07/01/2024 09:30	5.1	266	10	6.8	0.0	32.9	40
07/01/2024 09:40	5.7	275	10	7.4	0.0	32.9	42
07/01/2024 09:50	5.4	276	10	7.4	0.0	33.0	43
07/01/2024 10:00	5.4	278	8	7.5	0.0	32.7	46
07/01/2024 10:10	4.6	280	11	6.3	0.0	33.0	47
07/01/2024 10:20	5.3	280	8	6.8	0.0	32.7	51
07/01/2024 10:30	5.4	293	11	7.2	0.0	32.8	52
07/01/2024 10:40	6.1	291	9	7.6	0.0	32.8	50
07/01/2024 10:50	5.9	281	10	7.5	0.0	33.8	48
07/01/2024 11:00	6.4	283	9	8.0	0.0	33.2	49
07/01/2024 11:10	6.5	281	9	7.7	0.0	33.9	45
07/01/2024 11:20	6.8	278	7	8.7	0.0	33.7	46
07/01/2024 11:30	6.8	280	9	8.5	0.0	33.6	46
07/01/2024 11:40	6.2	276	10	8.1	0.0	33.9	47
07/01/2024 11:50	6.1	273	9	7.9	0.0	34.0	48
07/01/2024 12:00	6.4	274	9	8.3	0.0	33.9	50
07/01/2024 12:10	7.0	271	9	8.7	0.0	33.8	51
07/01/2024 12:20	7.6	259	8	9.7	0.0	33.3	53
07/01/2024 12:30	8.2	265	7	10.6	0.0	33.3	52
07/01/2024 12:40	7.9	271	7	9.5	0.0	33.5	50
07/01/2024 12:50	7.5	270	8	9.6	0.0	33.9	49
07/01/2024 13:00	7.3	271	9	9.7	0.0	34.4	48
07/01/2024 13:10	7.3	262	9	9.3	0.0	33.8	51
07/01/2024 13:20	7.1	258	8	8.8	0.0	33.6	53
07/01/2024 13:30	7.2	261	7	9.1	0.0	33.5	54
07/01/2024 13:40	7.3	262	7	9.0	0.0	33.6	52
07/01/2024 13:50	7.5	269	8	9.7	0.0	33.2	51
07/01/2024 14:00	7.6	266	8	9.7	0.0	33.3	51
07/01/2024 14:10	7.8	262	7	9.9	0.0	33.8	47
07/01/2024 14:20	6.9	269	8	9.6	0.0	34.5	44
07/01/2024 14:30	7.2	276	7	9.4	0.0	34.6	44
07/01/2024 14:40	7.6	259	11	10.2	0.0	34.7	44
07/01/2024 14:50	7.5	267	8	9.6	0.0	34.3	45
07/01/2024 15:00	8.3	263	6	10.6	0.0	34.5	43
07/01/2024 15:10	7.6	272	8	10.1	0.0	34.6	42
07/01/2024 15:20	7.8	283	8	10.4	0.0	34.8	42
07/01/2024 15:30	7.3	279	9	10.9	0.0	35.1	39
07/01/2024 15:40	9.0	275	7	11.6	0.0	35.2	34
07/01/2024 15:50	8.3	278	9	11.7	0.0	35.3	34
07/01/2024 16:00	8.8	280	8	13.0	0.0	34.9	35
07/01/2024 16:10	9.4	276	8	12.6	0.0	33.9	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/01/2024 16:20	9.0	285	9	12.6	0.0	33.4	43
07/01/2024 16:30	8.3	285	8	11.5	0.0	33.5	44
07/01/2024 16:40	8.5	285	7	11.2	0.0	32.9	47
07/01/2024 16:50	8.7	282	7	11.9	0.0	32.5	50
07/01/2024 17:00	8.3	278	9	11.0	0.0	32.1	52
07/01/2024 17:10	9.0	283	7	12.3	0.0	31.8	52
07/01/2024 17:20	9.3	281	7	12.0	0.0	31.3	54
07/01/2024 17:30	9.0	278	7	11.5	0.0	31.1	56
07/01/2024 17:40	8.1	280	8	11.1	0.0	30.9	57
07/01/2024 17:50	7.7	281	9	12.2	0.0	30.9	57
07/01/2024 18:00	8.2	276	6	11.2	0.0	30.3	59
07/01/2024 18:10	7.4	274	7	10.0	0.0	30.3	60
07/01/2024 18:20	7.9	267	8	10.8	0.0	30.0	61
07/01/2024 18:30	8.2	265	6	10.7	0.0	29.6	63
07/01/2024 18:40	7.0	267	6	9.7	0.0	29.4	65
07/01/2024 18:50	7.4	273	7	9.4	0.0	29.2	66
07/01/2024 19:00	6.6	278	8	9.1	0.0	29.1	67
07/01/2024 19:10	6.6	277	7	8.7	0.0	28.9	68
07/01/2024 19:20	6.9	275	7	9.0	0.0	28.7	70
07/01/2024 19:30	6.1	275	8	8.3	0.0	28.6	72
07/01/2024 19:40	6.2	278	6	8.8	0.0	28.5	73
07/01/2024 19:50	6.4	279	7	8.7	0.0	28.5	73
07/01/2024 20:00	6.7	280	6	8.9	0.0	28.4	74
07/01/2024 20:10	7.2	282	5	9.3	0.0	28.4	75
07/01/2024 20:20	6.6	277	6	8.2	0.0	28.4	76
07/01/2024 20:30	6.4	273	7	8.5	0.0	28.6	75
07/01/2024 20:40	6.9	266	6	9.4	0.0	28.9	72
07/01/2024 20:50	7.0	265	6	9.8	0.0	28.9	72
07/01/2024 21:00	6.9	266	5	9.3	0.0	28.9	72
07/01/2024 21:10	6.8	264	6	8.8	0.0	28.9	72
07/01/2024 21:20	6.3	262	6	8.2	0.0	28.9	72
07/01/2024 21:30	6.4	264	5	8.4	0.0	28.9	71
07/01/2024 21:40	6.8	264	6	8.8	0.0	28.9	71
07/01/2024 21:50	6.6	265	5	8.3	0.0	29.0	70
07/01/2024 22:00	6.8	267	6	8.8	0.0	29.1	69
07/01/2024 22:10	7.3	269	5	9.2	0.0	29.2	67
07/01/2024 22:20	6.6	269	4	8.0	0.0	29.2	68
07/01/2024 22:30	6.8	269	5	8.8	0.0	29.2	68
07/01/2024 22:40	7.1	270	5	9.3	0.0	29.2	69
07/01/2024 22:50	7.1	270	5	9.2	0.0	29.2	69
07/01/2024 23:00	6.9	271	5	8.6	0.0	29.2	68
07/01/2024 23:10	5.8	267	5	8.1	0.0	29.3	67
07/01/2024 23:20	5.5	267	5	6.9	0.0	29.3	64
07/01/2024 23:30	5.5	270	5	7.1	0.0	29.4	64
07/01/2024 23:40	5.5	268	5	7.2	0.0	29.4	63
07/01/2024 23:50	5.0	266	6	7.1	0.0	29.5	61
08/01/2024 00:00	5.2	263	5	6.6	0.0	29.6	58
08/01/2024 00:10	5.4	260	6	6.7	0.0	29.7	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/01/2024 00:20	5.3	261	7	6.7	0.0	29.6	52
08/01/2024 00:30	5.4	260	6	6.8	0.0	29.6	52
08/01/2024 00:40	4.8	262	5	6.0	0.0	29.4	51
08/01/2024 00:50	4.5	272	5	5.4	0.0	29.2	52
08/01/2024 01:00	4.0	268	5	5.0	0.0	29.1	52
08/01/2024 01:10	3.7	266	4	4.5	0.0	29.0	51
08/01/2024 01:20	4.5	271	4	5.5	0.0	29.0	50
08/01/2024 01:30	4.3	267	5	5.4	0.0	29.2	50
08/01/2024 01:40	4.2	265	5	5.2	0.0	29.1	51
08/01/2024 01:50	4.2	276	5	5.5	0.0	29.0	52
08/01/2024 02:00	4.7	276	5	5.9	0.0	28.9	52
08/01/2024 02:10	5.0	281	6	6.1	0.0	29.0	51
08/01/2024 02:20	5.0	280	6	6.6	0.0	29.0	51
08/01/2024 02:30	4.7	281	5	6.0	0.0	28.9	51
08/01/2024 02:40	3.4	278	6	4.4	0.0	28.7	53
08/01/2024 02:50	3.1	288	7	3.9	0.0	28.7	50
08/01/2024 03:00	3.5	280	7	4.9	0.0	29.7	41
08/01/2024 03:10	4.3	278	6	5.8	0.0	30.2	37
08/01/2024 03:20	4.6	273	5	5.7	0.0	30.3	36
08/01/2024 03:30	4.0	269	4	4.9	0.0	29.7	38
08/01/2024 03:40	4.3	272	3	5.6	0.0	29.4	38
08/01/2024 03:50	4.4	277	4	5.1	0.0	29.3	38
08/01/2024 04:00	3.2	271	9	4.6	0.0	29.0	40
08/01/2024 04:10	4.0	277	5	4.9	0.0	29.2	39
08/01/2024 04:20	3.9	288	6	5.0	0.0	29.1	40
08/01/2024 04:30	4.0	281	5	4.9	0.0	29.5	39
08/01/2024 04:40	3.5	278	5	4.3	0.0	28.7	44
08/01/2024 04:50	3.7	277	5	4.6	0.0	28.5	44
08/01/2024 05:00	4.4	280	5	5.4	0.0	28.8	41
08/01/2024 05:10	4.8	282	4	5.9	0.0	29.1	40
08/01/2024 05:20	4.7	278	5	5.5	0.0	28.9	43
08/01/2024 05:30	4.2	277	5	5.2	0.0	28.8	43
08/01/2024 05:40	3.2	268	10	4.1	0.0	27.8	52
08/01/2024 05:50	4.0	278	5	4.8	0.0	27.3	54
08/01/2024 06:00	4.6	280	5	5.7	0.0	28.1	49
08/01/2024 06:10	4.2	270	8	5.3	0.0	28.1	49
08/01/2024 06:20	3.1	254	5	3.7	0.0	27.6	50
08/01/2024 06:30	3.6	271	7	4.9	0.0	28.2	45
08/01/2024 06:40	4.6	277	6	5.5	0.0	29.5	39
08/01/2024 06:50	4.6	271	6	5.5	0.0	29.7	39
08/01/2024 07:00	3.9	265	7	4.9	0.0	30.1	38
08/01/2024 07:10	4.0	274	9	5.3	0.0	30.6	37
08/01/2024 07:20	3.7	268	6	4.9	0.0	30.9	36
08/01/2024 07:30	3.9	264	7	5.4	0.0	31.6	34
08/01/2024 07:40	3.8	250	11	4.8	0.0	32.3	31
08/01/2024 07:50	3.7	250	13	5.0	0.0	32.9	28
08/01/2024 08:00	4.0	243	11	6.0	0.0	33.5	27
08/01/2024 08:10	3.8	234	11	5.4	0.0	34.0	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/01/2024 08:20	3.3	215	13	5.3	0.0	34.6	25
08/01/2024 08:30	4.5	210	12	6.6	0.0	35.0	24
08/01/2024 08:40	4.1	210	11	6.1	0.0	35.3	24
08/01/2024 08:50	4.2	205	10	6.1	0.0	36.0	22
08/01/2024 09:00	4.4	212	11	6.0	0.0	36.7	21
08/01/2024 09:10	4.5	208	13	6.6	0.0	37.5	19
08/01/2024 09:20	4.1	215	17	5.7	0.0	38.1	18
08/01/2024 09:30	4.9	206	11	7.7	0.0	38.8	16
08/01/2024 09:40	4.8	212	13	6.6	0.0	39.3	16
08/01/2024 09:50	4.9	205	13	6.7	0.0	39.9	15
08/01/2024 10:00	4.8	224	16	6.6	0.0	40.1	16
08/01/2024 10:10	5.3	233	14	7.5	0.0	40.5	14
08/01/2024 10:20	5.8	235	14	8.0	0.0	40.8	14
08/01/2024 10:30	6.0	218	14	9.0	0.0	40.8	15
08/01/2024 10:40	6.3	222	14	8.8	0.0	41.0	15
08/01/2024 10:50	5.8	234	16	7.8	0.0	41.0	16
08/01/2024 11:00	5.1	235	15	8.9	0.0	40.7	17
08/01/2024 11:10	4.9	246	15	6.9	0.0	41.1	16
08/01/2024 11:20	4.4	250	16	6.6	0.0	41.0	16
08/01/2024 11:30	5.3	239	20	8.5	0.0	41.3	15
08/01/2024 11:40	5.5	269	18	7.8	0.0	41.3	16
08/01/2024 11:50	5.7	287	11	9.1	0.0	41.0	18
08/01/2024 12:00	6.1	293	9	8.6	0.0	40.2	19
08/01/2024 12:10	6.5	299	7	8.3	0.0	39.5	20
08/01/2024 12:20	6.6	294	8	8.8	0.0	38.7	25
08/01/2024 12:30	7.0	291	7	8.5	0.0	37.5	31
08/01/2024 12:40	6.5	280	14	8.8	0.0	37.4	35
08/01/2024 12:50	6.8	269	9	9.2	0.0	36.4	34
08/01/2024 13:00	7.1	273	8	9.7	0.0	35.9	35
08/01/2024 13:10	7.5	273	10	9.9	0.0	36.2	32
08/01/2024 13:20	8.0	274	9	10.4	0.0	36.3	33
08/01/2024 13:30	8.5	274	8	10.7	0.0	36.6	29
08/01/2024 13:40	8.1	271	8	10.6	0.0	36.9	29
08/01/2024 13:50	9.3	270	7	12.1	0.0	36.3	31
08/01/2024 14:00	9.0	269	8	11.7	0.0	35.7	36
08/01/2024 14:10	8.3	271	8	10.7	0.0	34.9	40
08/01/2024 14:20	7.9	265	8	10.0	0.0	34.7	40
08/01/2024 14:30	8.7	269	6	11.7	0.0	34.1	42
08/01/2024 14:40	9.3	267	7	12.0	0.0	33.7	45
08/01/2024 14:50	9.2	275	9	12.1	0.0	33.4	46
08/01/2024 15:00	10.4	273	6	13.5	0.0	33.4	46
08/01/2024 15:10	10.0	281	6	13.6	0.0	32.8	49
08/01/2024 15:20	10.1	278	6	12.9	0.0	32.8	50
08/01/2024 15:30	10.3	277	7	13.6	0.0	32.9	50
08/01/2024 15:40	11.2	278	6	14.8	0.0	32.6	49
08/01/2024 15:50	10.1	276	6	13.8	0.0	32.7	50
08/01/2024 16:00	10.4	273	6	13.5	0.0	32.5	51
08/01/2024 16:10	10.1	275	8	13.8	0.0	32.4	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/01/2024 16:20	10.5	277	6	13.6	0.0	32.0	53
08/01/2024 16:30	10.2	275	6	12.8	0.0	32.0	54
08/01/2024 16:40	7.8	277	7	10.8	0.0	32.3	54
08/01/2024 16:50	10.0	278	7	14.1	0.0	31.9	55
08/01/2024 17:00	10.2	277	6	13.4	0.0	31.6	55
08/01/2024 17:10	9.1	277	7	11.9	0.0	31.9	53
08/01/2024 17:20	9.1	273	7	12.5	0.0	31.8	53
08/01/2024 17:30	8.5	273	8	11.9	0.0	32.1	51
08/01/2024 17:40	9.2	274	7	12.3	0.0	31.7	52
08/01/2024 17:50	8.9	276	7	12.1	0.0	31.6	53
08/01/2024 18:00	8.3	274	7	11.3	0.0	31.6	54
08/01/2024 18:10	8.4	273	7	11.3	0.0	31.5	55
08/01/2024 18:20	8.6	277	7	11.6	0.0	31.3	55
08/01/2024 18:30	8.2	276	7	11.3	0.0	31.0	57
08/01/2024 18:40	8.9	277	6	11.8	0.0	30.8	58
08/01/2024 18:50	8.9	277	7	12.5	0.0	30.6	59
08/01/2024 19:00	9.0	275	6	12.5	0.0	30.2	61
08/01/2024 19:10	7.8	275	7	10.3	0.0	30.0	63
08/01/2024 19:20	7.8	275	7	11.2	0.0	29.9	64
08/01/2024 19:30	7.6	270	8	11.0	0.0	29.8	65
08/01/2024 19:40	8.7	270	7	11.9	0.0	29.8	64
08/01/2024 19:50	8.2	268	8	11.2	0.0	29.7	65
08/01/2024 20:00	8.7	267	6	11.0	0.0	29.6	65
08/01/2024 20:10	9.0	267	6	12.3	0.0	29.6	65
08/01/2024 20:20	8.4	267	6	10.6	0.0	29.6	65
08/01/2024 20:30	7.7	267	7	10.5	0.0	29.8	64
08/01/2024 20:40	8.2	264	6	11.4	0.0	30.0	63
08/01/2024 20:50	8.4	260	7	11.5	0.0	30.3	61
08/01/2024 21:00	7.7	259	7	10.3	0.0	30.4	60
08/01/2024 21:10	8.8	257	7	11.9	0.0	30.6	58
08/01/2024 21:20	8.5	254	6	11.0	0.0	30.6	59
08/01/2024 21:30	8.3	257	6	11.2	0.0	30.7	57
08/01/2024 21:40	8.1	257	6	11.0	0.0	30.9	55
08/01/2024 21:50	8.0	259	6	10.4	0.0	31.1	53
08/01/2024 22:00	8.9	260	5	12.0	0.0	31.2	52
08/01/2024 22:10	8.6	259	6	11.4	0.0	31.2	52
08/01/2024 22:20	8.5	258	6	10.9	0.0	31.1	53
08/01/2024 22:30	8.1	256	6	10.5	0.0	31.2	49
08/01/2024 22:40	7.3	253	7	9.4	0.0	31.5	44
08/01/2024 22:50	6.9	253	7	9.1	0.0	31.8	39
08/01/2024 23:00	7.2	253	6	9.0	0.0	31.8	36
08/01/2024 23:10	6.9	253	7	8.9	0.0	31.8	35
08/01/2024 23:20	5.9	245	9	8.7	0.0	32.1	33
08/01/2024 23:30	5.5	244	9	8.0	0.0	32.2	30
08/01/2024 23:40	6.0	246	10	9.0	0.0	32.4	29
08/01/2024 23:50	5.8	252	9	7.7	0.0	31.9	29
09/01/2024 00:00	5.6	247	9	7.7	0.0	31.9	28
09/01/2024 00:10	6.0	245	9	8.7	0.0	32.0	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/01/2024 00:20	5.5	239	9	7.8	0.0	32.1	27
09/01/2024 00:30	5.8	241	9	9.3	0.0	32.1	26
09/01/2024 00:40	5.2	238	10	7.4	0.0	32.1	26
09/01/2024 00:50	5.0	246	10	7.1	0.0	31.7	26
09/01/2024 01:00	4.5	250	10	5.9	0.0	31.3	27
09/01/2024 01:10	4.7	256	7	6.4	0.0	30.6	28
09/01/2024 01:20	5.0	257	5	6.4	0.0	30.1	30
09/01/2024 01:30	4.9	254	6	6.2	0.0	29.9	30
09/01/2024 01:40	4.8	257	7	6.0	0.0	29.9	30
09/01/2024 01:50	4.4	261	5	5.9	0.0	29.5	31
09/01/2024 02:00	4.0	260	4	4.6	0.0	29.1	33
09/01/2024 02:10	4.0	262	5	4.7	0.0	28.9	34
09/01/2024 02:20	4.4	271	4	5.0	0.0	28.5	38
09/01/2024 02:30	3.8	275	6	4.5	0.0	28.6	37
09/01/2024 02:40	4.3	274	6	5.1	0.0	28.7	35
09/01/2024 02:50	4.7	277	5	5.8	0.0	28.7	34
09/01/2024 03:00	4.2	270	8	5.4	0.0	28.7	36
09/01/2024 03:10	4.4	279	5	5.7	0.0	28.3	39
09/01/2024 03:20	4.4	285	6	5.7	0.0	28.4	39
09/01/2024 03:30	4.1	285	5	6.2	0.0	28.3	39
09/01/2024 03:40	4.8	283	5	5.8	0.0	28.3	41
09/01/2024 03:50	5.0	279	6	6.5	0.0	28.3	41
09/01/2024 04:00	5.5	270	5	7.1	0.0	28.3	40
09/01/2024 04:10	6.6	273	5	8.1	0.0	28.0	43
09/01/2024 04:20	6.2	263	5	7.5	0.0	28.4	42
09/01/2024 04:30	6.3	263	5	7.9	0.0	28.2	43
09/01/2024 04:40	5.6	261	5	7.0	0.0	27.9	44
09/01/2024 04:50	6.4	269	5	8.0	0.0	27.7	45
09/01/2024 05:00	6.2	273	5	8.0	0.0	27.6	46
09/01/2024 05:10	7.1	269	5	9.0	0.0	27.6	49
09/01/2024 05:20	5.7	266	6	7.4	0.0	27.3	54
09/01/2024 05:30	6.3	268	4	7.4	0.0	27.0	53
09/01/2024 05:40	5.9	267	5	7.5	0.0	26.9	52
09/01/2024 05:50	6.1	270	5	7.5	0.0	27.1	51
09/01/2024 06:00	5.9	272	4	7.1	0.0	27.1	51
09/01/2024 06:10	6.4	274	4	7.6	0.0	27.0	51
09/01/2024 06:20	6.5	268	4	7.7	0.0	27.1	51
09/01/2024 06:30	7.0	265	4	8.3	0.0	27.1	50
09/01/2024 06:40	6.5	262	5	8.3	0.0	27.2	50
09/01/2024 06:50	6.3	261	5	7.9	0.0	27.4	50
09/01/2024 07:00	7.1	263	4	8.7	0.0	27.7	50
09/01/2024 07:10	7.1	262	4	8.7	0.0	27.9	49
09/01/2024 07:20	6.7	263	5	7.9	0.0	28.2	49
09/01/2024 07:30	6.4	265	5	7.6	0.0	28.4	50
09/01/2024 07:40	5.9	269	6	7.7	0.0	28.7	49
09/01/2024 07:50	5.0	264	7	6.5	0.0	29.3	48
09/01/2024 08:00	5.0	263	7	6.3	0.0	29.8	45
09/01/2024 08:10	5.8	263	7	7.6	0.0	30.3	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/01/2024 08:20	6.5	263	9	8.3	0.0	30.7	43
09/01/2024 08:30	6.7	275	8	8.9	0.0	30.3	48
09/01/2024 08:40	7.0	268	6	8.7	0.0	30.5	45
09/01/2024 08:50	6.9	268	7	8.2	0.0	31.1	44
09/01/2024 09:00	6.8	279	7	8.6	0.0	30.8	49
09/01/2024 09:10	7.3	273	5	8.6	0.0	30.8	50
09/01/2024 09:20	6.2	277	8	8.0	0.0	31.1	50
09/01/2024 09:30	5.7	279	9	7.6	0.0	31.3	52
09/01/2024 09:40	5.0	277	10	6.7	0.0	31.6	51
09/01/2024 09:50	4.7	274	11	6.6	0.0	32.0	49
09/01/2024 10:00	5.0	295	9	6.3	0.0	32.2	50
09/01/2024 10:10	5.2	284	7	6.8	0.0	32.4	50
09/01/2024 10:20	5.3	285	9	6.5	0.0	32.8	48
09/01/2024 10:30	6.1	277	5	7.2	0.0	32.8	47
09/01/2024 10:40	6.4	280	6	8.2	0.0	32.4	50
09/01/2024 10:50	6.2	274	7	7.7	0.0	32.5	51
09/01/2024 11:00	6.4	277	7	7.7	0.0	32.5	51
09/01/2024 11:10	6.5	276	7	8.4	0.0	32.6	51
09/01/2024 11:20	6.3	277	9	7.9	0.0	32.5	51
09/01/2024 11:30	6.2	270	8	7.6	0.0	32.4	51
09/01/2024 11:40	5.3	275	9	7.0	0.0	32.8	50
09/01/2024 11:50	5.3	280	9	6.7	0.0	33.4	49
09/01/2024 12:00	5.6	278	12	7.4	0.0	33.5	49
09/01/2024 12:10	6.1	269	9	7.8	0.0	33.4	49
09/01/2024 12:20	7.2	266	11	8.9	0.0	33.1	50
09/01/2024 12:30	6.8	263	7	8.6	0.0	32.9	52
09/01/2024 12:40	6.8	263	8	8.4	0.0	32.7	53
09/01/2024 12:50	7.1	269	8	8.7	0.0	32.9	52
09/01/2024 13:00	6.6	268	8	8.2	0.0	33.3	48
09/01/2024 13:10	6.9	269	8	9.0	0.0	33.6	47
09/01/2024 13:20	7.2	276	8	8.8	0.0	33.4	48
09/01/2024 13:30	7.3	271	7	9.1	0.0	33.2	52
09/01/2024 13:40	6.6	272	10	9.1	0.0	33.1	53
09/01/2024 13:50	6.8	281	7	8.4	0.0	32.3	57
09/01/2024 14:00	6.5	278	7	8.0	0.0	32.3	58
09/01/2024 14:10	6.5	277	7	8.1	0.0	32.1	59
09/01/2024 14:20	6.6	273	7	7.9	0.0	33.0	56
09/01/2024 14:30	6.9	279	7	8.5	0.0	32.1	60
09/01/2024 14:40	7.2	275	5	8.6	0.0	31.5	62
09/01/2024 14:50	7.5	277	6	9.8	0.0	31.6	61
09/01/2024 15:00	7.9	280	4	9.5	0.0	31.2	62
09/01/2024 15:10	7.6	282	6	9.4	0.0	31.7	61
09/01/2024 15:20	7.9	278	6	10.0	0.0	31.5	62
09/01/2024 15:30	7.5	275	9	9.3	0.0	31.9	60
09/01/2024 15:40	7.9	277	6	9.2	0.0	31.5	62
09/01/2024 15:50	8.0	278	5	9.6	0.0	31.4	63
09/01/2024 16:00	7.9	278	6	10.1	0.0	31.2	63
09/01/2024 16:10	7.9	279	7	10.0	0.0	31.8	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/01/2024 16:20	8.7	278	7	11.8	0.0	31.3	61
09/01/2024 16:30	8.2	281	8	11.0	0.0	31.1	63
09/01/2024 16:40	8.7	280	7	10.8	0.0	30.7	65
09/01/2024 16:50	8.4	278	7	10.4	0.0	30.7	66
09/01/2024 17:00	9.1	274	7	11.1	0.0	30.6	66
09/01/2024 17:10	8.5	273	6	10.6	0.0	30.3	68
09/01/2024 17:20	7.5	271	6	9.5	0.0	30.5	67
09/01/2024 17:30	8.2	272	5	10.0	0.0	30.6	67
09/01/2024 17:40	8.2	275	6	10.5	0.0	30.7	67
09/01/2024 17:50	8.9	280	6	11.1	0.0	29.9	71
09/01/2024 18:00	8.0	278	7	10.8	0.0	29.6	73
09/01/2024 18:10	7.4	274	7	9.8	0.0	29.6	73
09/01/2024 18:20	7.6	270	6	9.9	0.0	29.5	73
09/01/2024 18:30	7.7	275	6	10.1	0.0	29.4	73
09/01/2024 18:40	7.7	275	6	10.1	0.0	29.4	72
09/01/2024 18:50	7.3	267	6	9.3	0.0	29.2	73
09/01/2024 19:00	8.1	267	6	10.2	0.0	29.3	71
09/01/2024 19:10	7.6	267	5	9.5	0.0	29.4	70
09/01/2024 19:20	7.3	266	6	9.9	0.0	29.4	70
09/01/2024 19:30	7.3	265	5	9.2	0.0	29.4	70
09/01/2024 19:40	7.3	265	5	9.6	0.0	29.4	70
09/01/2024 19:50	7.8	267	5	9.7	0.0	29.3	70
09/01/2024 20:00	7.7	267	4	10.2	0.0	29.4	69
09/01/2024 20:10	7.8	267	5	9.8	0.0	29.4	68
09/01/2024 20:20	7.4	265	5	9.8	0.0	29.4	69
09/01/2024 20:30	7.1	265	5	9.2	0.0	29.3	69
09/01/2024 20:40	7.0	266	4	9.3	0.0	29.4	69
09/01/2024 20:50	7.0	265	6	9.3	0.0	29.4	69
09/01/2024 21:00	7.3	266	6	9.3	0.0	29.4	69
09/01/2024 21:10	6.6	266	5	8.0	0.0	29.3	69
09/01/2024 21:20	6.6	266	6	9.0	0.0	29.3	69
09/01/2024 21:30	6.6	266	6	8.5	0.0	29.3	70
09/01/2024 21:40	7.0	264	6	9.4	0.0	29.3	69
09/01/2024 21:50	6.9	265	6	9.2	0.0	29.3	70
09/01/2024 22:00	6.8	261	7	9.0	0.0	29.3	69
09/01/2024 22:10	7.7	263	6	9.8	0.0	29.4	68
09/01/2024 22:20	7.8	263	6	10.3	0.0	29.4	67
09/01/2024 22:30	7.0	263	6	9.4	0.0	29.3	67
09/01/2024 22:40	7.3	263	5	9.9	0.0	29.3	67
09/01/2024 22:50	7.2	262	5	9.4	0.0	29.2	67
09/01/2024 23:00	6.3	263	6	8.1	0.0	29.1	68
09/01/2024 23:10	5.7	264	6	7.9	0.0	29.0	69
09/01/2024 23:20	5.9	263	6	7.9	0.0	29.0	68
09/01/2024 23:30	6.5	263	6	8.5	0.0	29.1	67
09/01/2024 23:40	6.4	262	6	8.2	0.0	29.2	65
09/01/2024 23:50	6.0	269	5	7.3	0.0	29.3	65
10/01/2024 00:00	5.6	274	7	7.4	0.0	29.3	64
10/01/2024 00:10	5.8	268	6	7.3	0.0	29.3	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/01/2024 00:20	5.1	262	6	6.9	0.0	29.2	63
10/01/2024 00:30	5.4	253	9	7.0	0.0	29.2	64
10/01/2024 00:40	5.9	263	5	7.4	0.0	29.1	64
10/01/2024 00:50	5.4	262	5	6.8	0.0	29.1	64
10/01/2024 01:00	5.6	267	4	6.8	0.0	29.1	63
10/01/2024 01:10	5.4	264	6	6.8	0.0	29.1	63
10/01/2024 01:20	5.0	268	6	6.4	0.0	28.9	64
10/01/2024 01:30	5.3	268	5	7.0	0.0	28.9	64
10/01/2024 01:40	5.1	265	5	6.5	0.0	28.9	63
10/01/2024 01:50	4.5	267	4	5.4	0.0	28.7	65
10/01/2024 02:00	4.4	265	5	5.5	0.0	28.6	65
10/01/2024 02:10	5.0	260	6	6.3	0.0	29.0	61
10/01/2024 02:20	5.5	259	6	7.1	0.0	29.3	59
10/01/2024 02:30	5.9	261	6	7.4	0.0	29.3	58
10/01/2024 02:40	5.6	256	7	7.0	0.0	29.1	59
10/01/2024 02:50	6.1	254	6	7.9	0.0	28.8	60
10/01/2024 03:00	6.1	263	6	7.8	0.0	28.6	59
10/01/2024 03:10	6.6	270	5	8.5	0.0	28.8	57
10/01/2024 03:20	6.4	279	6	7.8	0.0	29.1	55
10/01/2024 03:30	6.4	277	5	7.8	0.0	29.3	53
10/01/2024 03:40	6.4	273	5	7.9	0.0	29.4	52
10/01/2024 03:50	6.1	270	5	7.5	0.0	29.0	54
10/01/2024 04:00	5.5	260	5	7.0	0.0	28.8	54
10/01/2024 04:10	5.8	259	5	7.4	0.0	28.9	52
10/01/2024 04:20	5.3	263	7	6.7	0.0	28.6	54
10/01/2024 04:30	4.8	261	7	6.1	0.0	28.3	55
10/01/2024 04:40	5.0	258	6	6.1	0.0	28.2	53
10/01/2024 04:50	5.5	256	6	7.2	0.0	28.3	52
10/01/2024 05:00	6.0	256	5	7.6	0.0	28.7	50
10/01/2024 05:10	6.0	257	6	7.5	0.0	28.8	48
10/01/2024 05:20	5.4	260	5	6.7	0.0	28.6	49
10/01/2024 05:30	5.9	268	5	7.3	0.0	28.9	47
10/01/2024 05:40	5.7	269	4	6.9	0.0	29.3	44
10/01/2024 05:50	5.8	276	5	7.3	0.0	29.5	42
10/01/2024 06:00	6.0	278	5	7.5	0.0	29.9	40
10/01/2024 06:10	5.6	272	5	7.0	0.0	30.1	40
10/01/2024 06:20	5.9	264	5	7.2	0.0	30.2	39
10/01/2024 06:30	5.6	251	6	7.1	0.0	30.1	40
10/01/2024 06:40	5.5	259	6	6.8	0.0	30.1	39
10/01/2024 06:50	5.3	263	6	6.6	0.0	30.6	38
10/01/2024 07:00	4.6	249	8	6.3	0.0	30.9	37
10/01/2024 07:10	4.6	240	8	6.0	0.0	31.3	36
10/01/2024 07:20	4.7	250	8	6.1	0.0	31.5	37
10/01/2024 07:30	4.7	258	7	6.2	0.0	31.3	39
10/01/2024 07:40	4.7	271	6	6.0	0.0	31.0	43
10/01/2024 07:50	4.4	269	8	5.3	0.0	31.0	44
10/01/2024 08:00	4.2	286	8	5.2	0.0	30.7	46
10/01/2024 08:10	4.7	285	6	6.1	0.0	31.4	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/01/2024 08:20	4.8	278	8	6.6	0.0	31.3	47
10/01/2024 08:30	4.0	287	10	5.1	0.0	31.8	43
10/01/2024 08:40	4.5	285	6	5.7	0.0	31.6	46
10/01/2024 08:50	5.2	287	6	6.1	0.0	31.6	48
10/01/2024 09:00	5.3	286	6	6.6	0.0	31.5	48
10/01/2024 09:10	5.7	279	6	7.0	0.0	31.9	47
10/01/2024 09:20	5.6	284	8	7.0	0.0	32.0	50
10/01/2024 09:30	5.8	286	8	7.1	0.0	31.9	51
10/01/2024 09:40	6.2	280	6	7.6	0.0	32.0	50
10/01/2024 09:50	6.3	278	7	7.6	0.0	32.2	49
10/01/2024 10:00	5.5	281	8	7.0	0.0	32.7	47
10/01/2024 10:10	5.8	278	9	7.2	0.0	33.0	47
10/01/2024 10:20	6.3	283	8	8.0	0.0	33.1	46
10/01/2024 10:30	7.0	272	8	8.6	0.0	33.0	44
10/01/2024 10:40	7.7	273	6	9.3	0.0	33.1	43
10/01/2024 10:50	7.5	272	7	9.5	0.0	32.7	47
10/01/2024 11:00	7.7	275	6	9.6	0.0	32.5	48
10/01/2024 11:10	8.1	273	6	10.4	0.0	32.5	49
10/01/2024 11:20	7.7	276	8	9.6	0.0	32.6	50
10/01/2024 11:30	7.9	279	6	10.4	0.0	32.8	49
10/01/2024 11:40	8.4	278	6	11.0	0.0	32.3	52
10/01/2024 11:50	8.6	277	5	10.4	0.0	31.8	54
10/01/2024 12:00	8.3	281	5	10.7	0.0	32.0	54
10/01/2024 12:10	7.9	284	6	9.7	0.0	32.3	53
10/01/2024 12:20	7.2	286	7	9.5	0.0	32.2	55
10/01/2024 12:30	7.1	281	10	9.3	0.0	32.9	51
10/01/2024 12:40	6.8	279	9	8.7	0.0	33.2	51
10/01/2024 12:50	7.6	280	8	9.9	0.0	33.2	51
10/01/2024 13:00	8.1	278	5	10.1	0.0	33.0	51
10/01/2024 13:10	8.5	275	7	10.9	0.0	33.1	50
10/01/2024 13:20	8.7	279	7	10.8	0.0	33.3	49
10/01/2024 13:30	8.8	267	6	11.8	0.0	33.0	49
10/01/2024 13:40	7.7	267	8	10.1	0.0	33.7	48
10/01/2024 13:50	8.9	272	6	11.5	0.0	33.5	47
10/01/2024 14:00	8.7	272	6	11.2	0.0	33.4	48
10/01/2024 14:10	9.2	277	6	11.1	0.0	33.5	47
10/01/2024 14:20	8.4	278	7	11.1	0.0	33.7	47
10/01/2024 14:30	8.2	274	8	10.6	0.0	34.2	47
10/01/2024 14:40	8.6	278	7	12.0	0.0	33.5	49
10/01/2024 14:50	9.1	268	7	11.6	0.0	33.5	49
10/01/2024 15:00	9.4	273	6	12.0	0.0	33.1	49
10/01/2024 15:10	9.4	271	6	11.8	0.0	33.2	49
10/01/2024 15:20	9.2	277	7	11.6	0.0	33.5	47
10/01/2024 15:30	8.7	273	8	11.2	0.0	33.5	48
10/01/2024 15:40	8.2	272	7	10.5	0.0	33.7	47
10/01/2024 15:50	8.1	275	7	10.6	0.0	33.9	45
10/01/2024 16:00	7.4	279	9	10.6	0.0	34.4	45
10/01/2024 16:10	7.9	276	8	10.3	0.0	34.0	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/01/2024 16:20	8.4	275	7	11.2	0.0	33.1	51
10/01/2024 16:30	8.2	274	7	10.5	0.0	32.6	54
10/01/2024 16:40	8.5	275	5	11.1	0.0	31.9	57
10/01/2024 16:50	8.6	277	7	11.3	0.0	31.4	59
10/01/2024 17:00	8.1	277	6	10.8	0.0	31.3	59
10/01/2024 17:10	7.7	275	6	10.3	0.0	31.3	60
10/01/2024 17:20	8.7	270	5	11.2	0.0	31.0	60
10/01/2024 17:30	8.5	268	6	11.5	0.0	30.7	60
10/01/2024 17:40	8.9	270	7	11.7	0.0	30.4	62
10/01/2024 17:50	8.3	268	7	10.5	0.0	30.0	64
10/01/2024 18:00	7.5	272	9	10.0	0.0	29.9	65
10/01/2024 18:10	8.5	270	6	11.5	0.0	29.6	66
10/01/2024 18:20	9.4	275	6	11.5	0.0	29.5	66
10/01/2024 18:30	9.1	275	7	11.1	0.0	29.5	65
10/01/2024 18:40	8.4	271	6	11.6	0.0	29.3	67
10/01/2024 18:50	9.1	273	6	12.1	0.0	29.1	68
10/01/2024 19:00	8.4	273	7	12.2	0.0	29.1	67
10/01/2024 19:10	8.2	272	6	11.4	0.0	29.0	67
10/01/2024 19:20	7.3	273	7	9.6	0.0	28.9	68
10/01/2024 19:30	8.4	275	6	10.5	0.0	28.9	69
10/01/2024 19:40	8.5	274	6	11.3	0.0	28.7	70
10/01/2024 19:50	8.1	269	7	11.2	0.0	28.7	70
10/01/2024 20:00	9.0	267	5	11.7	0.0	28.7	71
10/01/2024 20:10	8.8	267	6	11.3	0.0	28.7	72
10/01/2024 20:20	8.3	268	6	11.0	0.0	28.7	73
10/01/2024 20:30	9.1	268	6	11.7	0.0	28.6	73
10/01/2024 20:40	9.2	272	5	12.7	0.0	28.5	75
10/01/2024 20:50	9.4	270	5	11.6	0.0	28.3	76
10/01/2024 21:00	9.7	270	5	11.7	0.0	28.2	78
10/01/2024 21:10	9.1	273	6	11.8	0.0	28.2	78
10/01/2024 21:20	8.1	277	5	10.5	0.0	28.2	79
10/01/2024 21:30	7.2	275	6	9.0	0.0	28.3	80
10/01/2024 21:40	7.0	272	7	8.9	0.0	28.4	80
10/01/2024 21:50	6.9	273	7	9.8	0.0	28.6	78
10/01/2024 22:00	6.9	271	8	9.4	0.0	28.8	76
10/01/2024 22:10	7.4	273	6	10.1	0.0	28.8	75
10/01/2024 22:20	7.0	276	7	10.0	0.0	28.9	75
10/01/2024 22:30	6.5	272	6	8.1	0.0	28.9	76
10/01/2024 22:40	7.5	275	6	10.6	0.0	28.9	75
10/01/2024 22:50	7.6	271	5	10.8	0.0	28.9	75
10/01/2024 23:00	7.4	271	6	10.3	0.0	28.8	76
10/01/2024 23:10	7.1	271	7	9.6	0.0	28.8	76
10/01/2024 23:20	6.8	271	7	8.7	0.0	28.8	75
10/01/2024 23:30	7.0	272	6	9.7	0.0	28.8	76
10/01/2024 23:40	7.6	274	6	10.0	0.0	28.8	76
10/01/2024 23:50	7.6	273	6	9.9	0.0	28.8	76
11/01/2024 00:00	7.1	273	7	10.0	0.0	28.8	76
11/01/2024 00:10	7.3	273	8	10.4	0.0	28.8	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/01/2024 00:20	6.9	268	6	9.3	0.0	28.7	76
11/01/2024 00:30	7.1	270	7	9.3	0.0	28.7	77
11/01/2024 00:40	7.0	269	5	9.2	0.0	28.7	77
11/01/2024 00:50	5.6	269	6	7.8	0.0	28.7	77
11/01/2024 01:00	5.8	268	6	7.2	0.0	28.8	75
11/01/2024 01:10	4.4	262	11	5.7	0.0	28.9	74
11/01/2024 01:20	2.3	205	18	3.3	0.0	29.1	72
11/01/2024 01:30	3.6	273	8	4.8	0.0	29.3	70
11/01/2024 01:40	3.5	253	12	5.1	0.0	29.4	67
11/01/2024 01:50	3.5	262	7	4.4	0.0	29.4	66
11/01/2024 02:00	4.1	274	5	4.9	0.0	29.3	65
11/01/2024 02:10	4.1	271	4	4.9	0.0	29.4	64
11/01/2024 02:20	3.6	271	5	4.7	0.0	29.5	65
11/01/2024 02:30	2.6	272	7	3.8	0.0	29.3	67
11/01/2024 02:40	1.1	257	20	2.0	0.0	29.2	68
11/01/2024 02:50	1.2	274	18	2.0	0.0	29.2	67
11/01/2024 03:00	1.7	278	12	3.0	0.0	29.2	66
11/01/2024 03:10	2.5	292	9	3.7	0.0	29.2	66
11/01/2024 03:20	1.3	309	12	2.0	0.0	29.2	67
11/01/2024 03:30	0.7	289	33	1.1	0.0	29.2	67
11/01/2024 03:40	1.1	129	37	1.6	0.0	29.2	66
11/01/2024 03:50	1.2	288	10	1.9	0.0	29.2	66
11/01/2024 04:00	0.9	287	10	1.4	0.0	29.1	67
11/01/2024 04:10	0.8	253	19	1.3	0.0	28.9	68
11/01/2024 04:20	0.9	59	26	1.4	0.0	28.8	70
11/01/2024 04:30	1.4	62	15	2.2	0.0	28.6	73
11/01/2024 04:40	1.7	191	11	2.1	0.0	28.4	73
11/01/2024 04:50	2.0	321	7	2.4	0.0	28.5	71
11/01/2024 05:00	2.1	320	10	2.9	0.0	28.6	72
11/01/2024 05:10	2.4	316	5	3.0	0.0	28.6	74
11/01/2024 05:20	2.3	303	7	3.0	0.0	28.6	74
11/01/2024 05:30	2.7	296	8	3.7	0.0	28.6	73
11/01/2024 05:40	2.1	284	9	2.7	0.0	28.6	73
11/01/2024 05:50	3.0	262	6	3.9	0.0	28.4	72
11/01/2024 06:00	3.4	262	5	4.1	0.0	28.3	74
11/01/2024 06:10	3.6	270	7	4.9	0.0	28.3	73
11/01/2024 06:20	3.3	264	7	4.3	0.0	28.5	72
11/01/2024 06:30	3.4	268	6	4.3	0.0	28.6	72
11/01/2024 06:40	3.3	268	6	3.9	0.0	28.6	73
11/01/2024 06:50	3.6	266	6	4.2	0.0	28.6	73
11/01/2024 07:00	4.1	275	5	4.7	0.0	28.7	71
11/01/2024 07:10	4.2	282	7	5.3	0.0	28.8	69
11/01/2024 07:20	4.4	278	7	6.0	0.0	28.8	68
11/01/2024 07:30	4.6	276	8	6.0	0.0	28.8	66
11/01/2024 07:40	5.0	276	6	6.5	0.0	28.8	66
11/01/2024 07:50	5.7	274	7	7.2	0.0	28.8	67
11/01/2024 08:00	6.6	273	5	8.3	0.0	28.8	68
11/01/2024 08:10	7.1	267	6	8.5	0.0	28.8	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/01/2024 08:20	6.6	257	5	8.6	0.0	29.0	64
11/01/2024 08:30	5.4	251	12	7.3	0.0	29.2	62
11/01/2024 08:40	3.3	217	15	4.8	0.0	29.7	59
11/01/2024 08:50	3.3	172	22	4.6	0.0	29.8	58
11/01/2024 09:00	2.7	140	23	4.0	0.0	29.5	62
11/01/2024 09:10	2.1	121	16	3.4	0.0	29.6	64
11/01/2024 09:20	2.3	112	14	3.4	0.0	29.5	71
11/01/2024 09:30	1.9	129	25	3.5	0.0	29.6	74
11/01/2024 09:40	2.6	123	16	4.3	0.0	29.6	74
11/01/2024 09:50	3.0	119	16	4.4	0.0	29.6	74
11/01/2024 10:00	2.4	101	20	3.8	0.0	29.8	73
11/01/2024 10:10	1.5	128	25	2.4	0.0	30.0	71
11/01/2024 10:20	1.7	128	23	3.5	0.0	30.5	68
11/01/2024 10:30	1.0	192	53	2.3	0.0	30.9	65
11/01/2024 10:40	1.7	189	46	3.2	0.0	31.3	63
11/01/2024 10:50	1.1	197	48	3.0	0.0	31.5	62
11/01/2024 11:00	1.5	164	34	3.1	0.0	32.2	57
11/01/2024 11:10	1.5	262	47	2.9	0.0	33.2	55
11/01/2024 11:20	2.1	132	33	4.2	0.0	33.9	52
11/01/2024 11:30	3.4	109	17	5.1	0.0	34.4	49
11/01/2024 11:40	3.3	119	17	4.9	0.0	34.2	49
11/01/2024 11:50	2.8	119	16	4.3	0.0	34.4	48
11/01/2024 12:00	2.5	136	24	3.5	0.0	34.5	49
11/01/2024 12:10	1.9	132	51	3.4	0.0	34.5	48
11/01/2024 12:20	1.6	156	45	2.9	0.0	35.4	44
11/01/2024 12:30	2.1	135	32	3.7	0.0	35.5	42
11/01/2024 12:40	3.1	136	27	4.7	0.0	35.8	44
11/01/2024 12:50	3.5	88	16	5.3	0.0	35.9	46
11/01/2024 13:00	3.4	66	19	5.1	0.0	35.5	48
11/01/2024 13:10	2.8	188	34	4.3	0.0	35.6	49
11/01/2024 13:20	2.2	315	33	3.9	0.0	35.4	49
11/01/2024 13:30	3.0	286	33	6.3	0.0	36.0	48
11/01/2024 13:40	3.0	304	19	5.9	0.0	35.6	49
11/01/2024 13:50	3.6	308	16	5.6	0.0	35.5	50
11/01/2024 14:00	3.8	311	19	5.6	0.0	35.4	50
11/01/2024 14:10	4.2	308	11	5.9	0.0	34.9	51
11/01/2024 14:20	4.3	310	13	5.9	0.0	34.8	52
11/01/2024 14:30	5.1	284	12	6.7	0.0	34.4	55
11/01/2024 14:40	6.1	272	8	7.8	0.0	33.2	59
11/01/2024 14:50	6.6	270	7	8.1	0.0	32.1	62
11/01/2024 15:00	6.8	274	8	8.8	0.0	31.8	62
11/01/2024 15:10	7.2	270	7	9.0	0.0	31.5	62
11/01/2024 15:20	6.9	270	7	8.9	0.0	31.6	62
11/01/2024 15:30	7.2	273	7	8.8	0.0	31.2	64
11/01/2024 15:40	7.6	269	7	9.2	0.0	31.2	63
11/01/2024 15:50	8.0	268	8	9.7	0.0	30.8	65
11/01/2024 16:00	8.7	263	6	10.5	0.0	30.3	66
11/01/2024 16:10	8.5	268	6	10.3	0.0	30.3	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/01/2024 16:20	8.8	273	7	11.0	0.0	30.2	67
11/01/2024 16:30	8.1	273	7	10.5	0.0	30.6	66
11/01/2024 16:40	9.4	272	7	11.2	0.0	30.0	66
11/01/2024 16:50	9.4	272	6	11.6	0.0	29.8	66
11/01/2024 17:00	9.1	275	6	12.0	0.0	29.7	65
11/01/2024 17:10	9.4	275	6	12.2	0.0	29.4	66
11/01/2024 17:20	10.0	278	5	11.8	0.0	29.2	67
11/01/2024 17:30	8.4	278	6	11.2	0.0	29.5	67
11/01/2024 17:40	9.1	280	5	11.0	0.0	29.2	68
11/01/2024 17:50	8.8	277	7	11.2	0.0	29.2	67
11/01/2024 18:00	9.1	274	7	11.7	0.0	29.1	67
11/01/2024 18:10	9.0	275	5	11.4	0.0	29.2	66
11/01/2024 18:20	8.8	269	5	11.9	0.0	29.0	67
11/01/2024 18:30	8.4	270	6	11.2	0.0	28.9	68
11/01/2024 18:40	7.8	275	6	9.9	0.0	28.9	68
11/01/2024 18:50	7.5	268	7	10.1	0.0	28.8	69
11/01/2024 19:00	8.2	272	6	10.7	0.0	28.6	70
11/01/2024 19:10	8.7	276	5	11.2	0.0	28.4	71
11/01/2024 19:20	8.5	271	6	10.3	0.0	28.3	72
11/01/2024 19:30	7.8	270	6	10.7	0.0	28.3	72
11/01/2024 19:40	7.7	270	6	10.2	0.0	28.2	73
11/01/2024 19:50	8.0	271	5	9.8	0.0	28.1	73
11/01/2024 20:00	8.2	273	6	10.2	0.0	28.1	74
11/01/2024 20:10	8.2	270	5	10.1	0.0	28.0	74
11/01/2024 20:20	7.9	272	5	10.7	0.0	28.0	75
11/01/2024 20:30	7.4	275	6	9.1	0.0	27.8	76
11/01/2024 20:40	6.8	275	8	8.9	0.0	27.7	77
11/01/2024 20:50	7.0	276	6	8.9	0.0	27.6	78
11/01/2024 21:00	7.7	278	4	9.4	0.0	27.4	79
11/01/2024 21:10	6.8	274	7	8.6	0.0	27.5	79
11/01/2024 21:20	6.9	275	6	8.6	0.0	27.5	80
11/01/2024 21:30	6.5	272	7	8.6	0.0	27.4	80
11/01/2024 21:40	7.1	272	6	8.8	0.0	27.3	81
11/01/2024 21:50	7.3	272	6	9.6	0.0	27.2	82
11/01/2024 22:00	7.8	278	5	9.4	0.0	27.1	83
11/01/2024 22:10	6.6	280	5	8.4	0.0	27.0	83
11/01/2024 22:20	6.4	276	6	8.4	0.0	27.1	83
11/01/2024 22:30	6.3	272	7	8.5	0.0	27.1	83
11/01/2024 22:40	5.9	270	7	8.4	0.0	27.1	83
11/01/2024 22:50	6.2	266	7	8.3	0.0	27.1	83
11/01/2024 23:00	6.8	265	6	8.9	0.0	27.1	83
11/01/2024 23:10	7.2	265	6	9.2	0.0	27.1	83
11/01/2024 23:20	7.3	268	6	9.1	0.0	27.1	84
11/01/2024 23:30	7.7	268	6	10.2	0.0	27.1	84
11/01/2024 23:40	7.4	267	7	9.9	0.0	27.1	85
11/01/2024 23:50	8.5	272	5	11.2	0.0	27.0	85
12/01/2024 00:00	7.8	268	5	9.6	0.0	27.1	85
12/01/2024 00:10	8.1	264	6	10.5	0.0	27.3	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/01/2024 00:20	8.1	264	6	10.5	0.0	27.5	81
12/01/2024 00:30	8.4	263	6	10.8	0.0	27.6	81
12/01/2024 00:40	8.1	261	5	10.0	0.0	27.6	81
12/01/2024 00:50	7.6	260	6	9.6	0.0	27.6	81
12/01/2024 01:00	7.6	258	5	10.2	0.0	27.6	80
12/01/2024 01:10	7.8	260	5	10.0	0.0	27.6	79
12/01/2024 01:20	7.7	262	5	10.0	0.0	27.7	78
12/01/2024 01:30	7.0	261	6	9.8	0.0	27.7	77
12/01/2024 01:40	7.3	261	6	9.6	0.0	27.8	76
12/01/2024 01:50	7.3	260	6	9.6	0.0	27.8	74
12/01/2024 02:00	7.3	262	5	9.2	0.0	27.8	74
12/01/2024 02:10	7.2	261	6	9.4	0.0	27.7	73
12/01/2024 02:20	6.4	259	5	8.4	0.0	27.7	73
12/01/2024 02:30	6.5	262	6	8.2	0.0	27.7	71
12/01/2024 02:40	7.0	261	5	8.7	0.0	27.7	70
12/01/2024 02:50	6.8	261	5	8.6	0.0	27.7	68
12/01/2024 03:00	6.1	261	5	8.0	0.0	27.7	68
12/01/2024 03:10	5.9	264	7	8.1	0.0	27.7	66
12/01/2024 03:20	6.8	260	6	9.2	0.0	27.8	64
12/01/2024 03:30	6.9	261	6	10.0	0.0	27.7	63
12/01/2024 03:40	7.4	260	6	9.4	0.0	27.8	61
12/01/2024 03:50	7.7	258	5	10.0	0.0	27.8	61
12/01/2024 04:00	7.7	260	5	10.6	0.0	27.7	60
12/01/2024 04:10	7.0	259	6	9.3	0.0	27.6	61
12/01/2024 04:20	7.0	263	6	9.2	0.0	27.5	61
12/01/2024 04:30	6.9	265	6	9.3	0.0	27.5	60
12/01/2024 04:40	6.6	265	7	8.7	0.0	27.6	60
12/01/2024 04:50	5.7	266	7	8.1	0.0	27.4	60
12/01/2024 05:00	5.4	268	7	7.1	0.0	27.4	60
12/01/2024 05:10	5.9	266	7	7.8	0.0	27.4	59
12/01/2024 05:20	6.5	267	5	7.9	0.0	27.3	59
12/01/2024 05:30	6.3	269	5	7.6	0.0	27.2	59
12/01/2024 05:40	6.2	268	5	8.0	0.0	27.2	60
12/01/2024 05:50	6.6	265	5	8.6	0.0	27.1	60
12/01/2024 06:00	5.6	258	5	7.3	0.0	27.1	60
12/01/2024 06:10	5.2	258	5	6.5	0.0	27.1	61
12/01/2024 06:20	5.3	260	5	6.6	0.0	27.2	60
12/01/2024 06:30	4.7	261	6	6.5	0.0	27.3	59
12/01/2024 06:40	4.0	260	6	5.1	0.0	27.6	57
12/01/2024 06:50	3.7	260	6	4.9	0.0	27.8	56
12/01/2024 07:00	3.9	262	7	5.2	0.0	28.0	55
12/01/2024 07:10	4.8	273	5	5.8	0.0	28.3	55
12/01/2024 07:20	4.3	278	7	5.3	0.0	28.6	54
12/01/2024 07:30	4.5	278	8	5.4	0.0	29.0	55
12/01/2024 07:40	4.9	280	7	5.9	0.0	29.3	53
12/01/2024 07:50	5.0	272	9	6.0	0.0	29.5	54
12/01/2024 08:00	5.4	269	9	6.7	0.0	29.8	53
12/01/2024 08:10	5.3	278	9	7.1	0.0	30.0	57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/01/2024 08:20	6.6	280	7	8.3	0.0	29.5	59
12/01/2024 08:30	6.6	272	7	8.2	0.0	29.7	57
12/01/2024 08:40	6.6	276	8	7.9	0.0	29.7	58
12/01/2024 08:50	5.9	275	8	7.5	0.0	29.8	58
12/01/2024 09:00	6.4	276	7	7.6	0.0	29.9	58
12/01/2024 09:10	6.1	277	7	7.8	0.0	29.9	60
12/01/2024 09:20	5.9	275	7	7.3	0.0	30.2	60
12/01/2024 09:30	5.7	279	9	7.1	0.0	30.5	59
12/01/2024 09:40	6.1	280	7	7.9	0.0	30.4	59
12/01/2024 09:50	6.7	270	8	7.8	0.0	30.3	60
12/01/2024 10:00	7.0	275	7	8.5	0.0	30.4	60
12/01/2024 10:10	6.7	266	7	8.8	0.0	30.8	58
12/01/2024 10:20	6.7	278	7	8.1	0.0	30.7	60
12/01/2024 10:30	6.5	273	8	8.0	0.0	30.9	60
12/01/2024 10:40	6.3	276	9	7.9	0.0	31.1	60
12/01/2024 10:50	6.4	271	8	8.1	0.0	30.9	61
12/01/2024 11:00	7.1	281	7	8.5	0.0	30.4	65
12/01/2024 11:10	6.7	277	10	8.3	0.0	30.7	64
12/01/2024 11:20	6.8	277	6	8.2	0.0	30.4	64
12/01/2024 11:30	6.6	275	8	8.2	0.0	30.9	62
12/01/2024 11:40	6.6	270	7	8.3	0.0	30.9	62
12/01/2024 11:50	6.3	272	8	8.5	0.0	31.1	64
12/01/2024 12:00	6.7	270	6	8.0	0.0	30.8	64
12/01/2024 12:10	6.3	275	10	8.2	0.0	31.0	64
12/01/2024 12:20	6.2	272	10	7.9	0.0	31.6	62
12/01/2024 12:30	6.7	276	7	7.9	0.0	31.2	62
12/01/2024 12:40	6.6	273	9	7.9	0.0	31.4	62
12/01/2024 12:50	6.7	262	7	8.0	0.0	31.4	62
12/01/2024 13:00	6.4	265	7	7.9	0.0	31.6	61
12/01/2024 13:10	6.8	268	7	8.3	0.0	31.6	61
12/01/2024 13:20	6.5	275	6	7.9	0.0	31.7	61
12/01/2024 13:30	6.3	274	8	7.6	0.0	32.0	60
12/01/2024 13:40	6.2	277	8	7.7	0.0	32.0	61
12/01/2024 13:50	6.2	272	9	8.0	0.0	31.7	62
12/01/2024 14:00	6.0	270	9	7.6	0.0	32.4	60
12/01/2024 14:10	6.5	270	8	8.2	0.0	31.7	64
12/01/2024 14:20	5.9	270	9	7.8	0.0	31.4	65
12/01/2024 14:30	6.5	272	8	8.3	0.0	31.1	66
12/01/2024 14:40	6.3	276	10	8.4	0.0	31.1	66
12/01/2024 14:50	6.4	278	9	8.7	0.0	31.5	64
12/01/2024 15:00	7.4	272	9	10.0	0.0	31.0	66
12/01/2024 15:10	7.6	272	8	9.4	0.0	30.8	66
12/01/2024 15:20	7.6	273	8	9.9	0.0	31.0	65
12/01/2024 15:30	8.3	272	6	9.9	0.0	30.3	67
12/01/2024 15:40	8.6	271	7	11.0	0.0	30.3	67
12/01/2024 15:50	9.5	268	7	12.3	0.0	29.9	68
12/01/2024 16:00	9.3	269	7	11.8	0.0	30.0	66
12/01/2024 16:10	9.6	269	7	12.1	0.0	29.7	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/01/2024 16:20	10.4	270	7	13.1	0.0	29.2	70
12/01/2024 16:30	9.7	271	6	12.2	0.0	29.1	70
12/01/2024 16:40	9.0	271	8	12.2	0.0	29.3	69
12/01/2024 16:50	9.3	265	7	11.5	0.0	29.0	70
12/01/2024 17:00	8.4	269	6	10.4	0.0	29.7	66
12/01/2024 17:10	7.5	266	7	9.5	0.0	30.1	67
12/01/2024 17:20	7.3	277	6	9.0	0.0	30.6	65
12/01/2024 17:30	7.4	279	6	9.2	0.0	30.2	68
12/01/2024 17:40	7.6	278	7	9.6	0.0	29.9	71
12/01/2024 17:50	7.2	278	7	9.1	0.0	29.6	73
12/01/2024 18:00	6.6	275	6	8.3	0.0	29.4	74
12/01/2024 18:10	7.1	267	6	9.1	0.0	29.2	75
12/01/2024 18:20	7.4	273	5	9.2	0.0	29.0	76
12/01/2024 18:30	7.2	273	7	8.9	0.0	28.9	78
12/01/2024 18:40	7.0	272	6	8.8	0.0	28.8	78
12/01/2024 18:50	7.9	270	5	10.0	0.0	28.7	79
12/01/2024 19:00	7.8	272	6	10.5	0.0	28.5	79
12/01/2024 19:10	7.3	267	7	9.1	0.0	28.5	80
12/01/2024 19:20	6.9	269	6	9.3	0.0	28.4	80
12/01/2024 19:30	7.4	271	6	9.8	0.0	28.3	80
12/01/2024 19:40	7.4	271	6	9.3	0.0	28.3	80
12/01/2024 19:50	7.4	272	5	9.3	0.0	28.3	80
12/01/2024 20:00	7.1	270	5	9.0	0.0	28.2	81
12/01/2024 20:10	7.0	270	5	8.4	0.0	28.2	81
12/01/2024 20:20	7.4	270	5	9.4	0.0	28.2	81
12/01/2024 20:30	8.1	263	6	10.7	0.0	28.1	81
12/01/2024 20:40	7.7	263	5	10.1	0.0	28.1	80
12/01/2024 20:50	7.3	265	5	9.1	0.0	28.2	79
12/01/2024 21:00	6.5	265	6	8.4	0.0	28.3	79
12/01/2024 21:10	6.8	264	6	8.5	0.0	28.3	78
12/01/2024 21:20	7.3	261	4	8.9	0.0	28.3	78
12/01/2024 21:30	6.7	258	6	8.5	0.0	28.2	78
12/01/2024 21:40	5.9	256	7	8.3	0.0	28.3	78
12/01/2024 21:50	5.4	263	6	7.1	0.0	28.3	78
12/01/2024 22:00	4.3	261	8	6.0	0.0	28.2	79
12/01/2024 22:10	5.0	262	7	6.5	0.0	28.3	77
12/01/2024 22:20	4.9	264	7	6.0	0.0	28.2	77
12/01/2024 22:30	4.7	267	7	6.1	0.0	28.1	77
12/01/2024 22:40	5.7	260	5	6.9	0.0	28.1	77
12/01/2024 22:50	5.1	262	6	6.5	0.0	28.1	77
12/01/2024 23:00	5.7	268	5	7.5	0.0	28.1	77
12/01/2024 23:10	5.4	266	5	6.7	0.0	28.1	78
12/01/2024 23:20	5.6	270	4	7.2	0.0	28.0	78
12/01/2024 23:30	6.1	268	5	7.8	0.0	28.1	77
12/01/2024 23:40	5.8	266	6	7.6	0.0	28.0	77
12/01/2024 23:50	6.4	265	6	8.1	0.0	28.0	77
13/01/2024 00:00	6.6	265	6	8.3	0.0	27.9	78
13/01/2024 00:10	6.6	265	5	8.0	0.0	27.9	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/01/2024 00:20	6.6	263	6	8.1	0.0	27.8	79
13/01/2024 00:30	6.5	262	6	8.5	0.0	27.8	79
13/01/2024 00:40	6.0	266	6	7.4	0.0	27.8	80
13/01/2024 00:50	6.4	267	7	8.2	0.0	27.8	80
13/01/2024 01:00	5.5	264	5	7.1	0.0	27.8	80
13/01/2024 01:10	6.0	267	5	7.6	0.0	27.8	81
13/01/2024 01:20	6.3	268	5	8.2	0.0	27.8	81
13/01/2024 01:30	5.9	271	6	8.1	0.0	27.8	81
13/01/2024 01:40	6.4	270	5	8.5	0.0	27.8	82
13/01/2024 01:50	6.8	273	6	9.0	0.0	27.8	82
13/01/2024 02:00	6.6	272	5	8.5	0.0	27.8	83
13/01/2024 02:10	5.9	276	5	7.7	0.0	27.8	84
13/01/2024 02:20	6.7	278	5	8.6	0.0	27.8	85
13/01/2024 02:30	6.5	277	6	8.4	0.0	27.6	86
13/01/2024 02:40	6.7	272	6	8.8	0.0	27.6	87
13/01/2024 02:50	6.4	278	5	8.4	0.0	27.5	87
13/01/2024 03:00	6.5	274	7	8.4	0.0	27.4	87
13/01/2024 03:10	6.7	275	6	8.6	0.0	27.4	86
13/01/2024 03:20	7.9	269	5	9.9	0.0	27.5	84
13/01/2024 03:30	7.1	266	6	8.8	0.0	27.5	84
13/01/2024 03:40	7.2	266	5	9.2	0.0	27.5	83
13/01/2024 03:50	7.4	264	6	9.5	0.0	27.5	83
13/01/2024 04:00	7.2	264	6	9.5	0.0	27.5	83
13/01/2024 04:10	6.8	264	6	9.3	0.0	27.5	83
13/01/2024 04:20	6.2	263	7	7.7	0.0	27.5	83
13/01/2024 04:30	6.0	267	8	8.4	0.0	27.5	82
13/01/2024 04:40	6.1	268	6	8.0	0.0	27.5	80
13/01/2024 04:50	6.0	269	7	8.0	0.0	27.5	78
13/01/2024 05:00	6.3	268	5	7.8	0.0	27.5	78
13/01/2024 05:10	5.8	265	5	7.4	0.0	27.5	77
13/01/2024 05:20	5.2	266	7	7.1	0.0	27.5	77
13/01/2024 05:30	6.4	262	7	8.4	0.0	27.5	75
13/01/2024 05:40	6.7	261	5	8.2	0.0	27.5	75
13/01/2024 05:50	6.7	262	5	8.2	0.0	27.4	75
13/01/2024 06:00	5.8	261	6	8.1	0.0	27.3	75
13/01/2024 06:10	4.8	260	7	6.5	0.0	27.3	74
13/01/2024 06:20	4.2	259	7	5.6	0.0	27.4	74
13/01/2024 06:30	5.1	260	7	6.1	0.0	27.5	73
13/01/2024 06:40	5.1	262	7	7.3	0.0	27.7	72
13/01/2024 06:50	6.4	264	6	8.4	0.0	27.7	72
13/01/2024 07:00	6.5	262	6	8.5	0.0	27.8	71
13/01/2024 07:10	6.6	264	8	8.5	0.0	27.9	71
13/01/2024 07:20	6.3	260	6	8.1	0.0	28.1	69
13/01/2024 07:30	6.7	263	9	8.3	0.0	28.2	69
13/01/2024 07:40	7.0	271	7	9.2	0.0	28.3	68
13/01/2024 07:50	7.2	266	8	8.6	0.0	28.5	67
13/01/2024 08:00	6.9	265	8	8.9	0.0	28.5	68
13/01/2024 08:10	7.5	274	7	9.6	0.0	28.6	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/01/2024 08:20	7.1	270	8	9.1	0.0	28.7	67
13/01/2024 08:30	7.3	267	8	9.2	0.0	28.7	66
13/01/2024 08:40	6.6	274	10	9.0	0.0	29.0	65
13/01/2024 08:50	7.5	274	9	9.7	0.0	29.3	65
13/01/2024 09:00	8.5	278	8	10.6	0.0	29.0	66
13/01/2024 09:10	8.1	278	9	10.4	0.0	29.2	67
13/01/2024 09:20	8.7	279	6	10.6	0.0	29.3	66
13/01/2024 09:30	8.6	278	7	10.6	0.0	29.1	67
13/01/2024 09:40	8.0	276	8	10.4	0.0	29.5	65
13/01/2024 09:50	9.2	280	5	11.9	0.0	29.2	68
13/01/2024 10:00	9.0	275	6	11.5	0.0	29.1	69
13/01/2024 10:10	9.0	276	8	11.4	0.0	29.3	70
13/01/2024 10:20	9.1	280	6	11.1	0.0	29.2	69
13/01/2024 10:30	8.5	274	7	10.7	0.0	29.7	66
13/01/2024 10:40	8.1	270	9	10.6	0.0	29.8	66
13/01/2024 10:50	8.5	272	6	10.3	0.0	29.8	66
13/01/2024 11:00	8.2	277	7	10.5	0.0	30.2	65
13/01/2024 11:10	8.9	273	8	11.7	0.0	29.8	68
13/01/2024 11:20	9.0	268	6	11.1	0.0	29.9	66
13/01/2024 11:30	8.7	274	8	10.8	0.0	29.8	67
13/01/2024 11:40	8.6	279	10	11.1	0.0	30.1	67
13/01/2024 11:50	8.5	275	8	11.1	0.0	30.0	68
13/01/2024 12:00	8.5	273	6	11.2	0.0	30.3	66
13/01/2024 12:10	8.7	265	8	10.7	0.0	30.1	66
13/01/2024 12:20	8.7	272	7	11.2	0.0	30.3	65
13/01/2024 12:30	9.1	274	7	11.1	0.0	30.3	66
13/01/2024 12:40	9.5	271	7	11.7	0.0	30.0	68
13/01/2024 12:50	9.4	271	6	12.1	0.0	29.9	69
13/01/2024 13:00	9.5	276	6	12.3	0.0	29.6	70
13/01/2024 13:10	10.1	275	6	12.3	0.0	29.3	71
13/01/2024 13:20	10.1	272	6	12.9	0.0	29.6	70
13/01/2024 13:30	10.0	268	6	12.9	0.0	29.5	70
13/01/2024 13:40	9.9	275	8	12.7	0.0	29.2	71
13/01/2024 13:50	10.0	272	7	13.4	0.0	29.4	70
13/01/2024 14:00	10.3	271	7	13.2	0.0	29.2	71
13/01/2024 14:10	10.2	268	5	12.3	0.0	29.0	71
13/01/2024 14:20	9.9	273	7	12.8	0.0	29.1	71
13/01/2024 14:30	10.3	271	6	13.1	0.0	29.0	71
13/01/2024 14:40	10.3	272	6	12.8	0.0	29.2	70
13/01/2024 14:50	9.5	273	8	12.0	0.0	29.7	67
13/01/2024 15:00	9.9	270	7	12.2	0.0	29.3	67
13/01/2024 15:10	10.2	273	6	12.5	0.0	29.6	66
13/01/2024 15:20	10.0	274	6	12.2	0.0	29.3	66
13/01/2024 15:30	9.9	271	6	11.9	0.0	29.3	68
13/01/2024 15:40	10.1	271	5	12.4	0.0	29.2	67
13/01/2024 15:50	10.0	272	6	12.5	0.0	29.2	68
13/01/2024 16:00	10.0	270	7	13.0	0.0	29.3	68
13/01/2024 16:10	10.2	269	6	12.5	0.0	29.0	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/01/2024 16:20	10.4	270	5	13.3	0.0	28.9	69
13/01/2024 16:30	8.6	272	8	11.5	0.0	29.3	68
13/01/2024 16:40	9.2	273	10	12.1	0.0	29.2	67
13/01/2024 16:50	8.5	273	9	11.1	0.0	29.4	66
13/01/2024 17:00	9.5	269	6	12.6	0.0	29.1	67
13/01/2024 17:10	9.8	272	5	12.9	0.0	28.9	68
13/01/2024 17:20	10.3	276	6	12.6	0.0	28.8	67
13/01/2024 17:30	10.1	277	6	13.3	0.0	28.6	69
13/01/2024 17:40	9.6	276	6	11.9	0.0	28.5	70
13/01/2024 17:50	9.8	276	7	12.2	0.0	28.4	71
13/01/2024 18:00	9.3	273	6	12.2	0.0	28.4	71
13/01/2024 18:10	9.3	271	6	12.6	0.0	28.2	72
13/01/2024 18:20	10.2	277	6	12.6	0.0	28.1	73
13/01/2024 18:30	9.7	275	6	12.9	0.0	27.9	74
13/01/2024 18:40	9.3	276	6	11.9	0.0	27.9	75
13/01/2024 18:50	9.6	272	6	12.3	0.0	27.7	76
13/01/2024 19:00	9.5	276	6	12.6	0.0	27.5	77
13/01/2024 19:10	9.6	277	6	13.0	0.0	27.5	78
13/01/2024 19:20	9.5	277	5	12.3	0.0	27.4	80
13/01/2024 19:30	9.3	275	6	12.1	0.0	27.4	80
13/01/2024 19:40	9.3	275	6	12.3	0.0	27.3	81
13/01/2024 19:50	9.9	277	5	12.2	0.0	27.3	81
13/01/2024 20:00	9.6	277	5	12.2	0.0	27.2	82
13/01/2024 20:10	8.8	276	6	11.3	0.0	27.3	82
13/01/2024 20:20	9.0	274	5	12.2	0.0	27.3	82
13/01/2024 20:30	8.7	273	6	11.1	0.0	27.4	82
13/01/2024 20:40	9.1	268	6	11.6	0.0	27.4	82
13/01/2024 20:50	9.5	265	6	12.3	0.0	27.6	80
13/01/2024 21:00	9.3	267	5	12.0	0.0	27.6	80
13/01/2024 21:10	9.6	267	6	12.0	0.0	27.7	79
13/01/2024 21:20	9.1	267	5	11.4	0.0	27.7	79
13/01/2024 21:30	8.6	262	6	11.0	0.0	27.7	78
13/01/2024 21:40	9.7	263	6	12.4	0.0	27.7	77
13/01/2024 21:50	9.4	260	5	12.6	0.0	27.8	76
13/01/2024 22:00	9.1	262	6	11.3	0.0	27.8	77
13/01/2024 22:10	8.7	260	5	11.7	0.0	27.7	77
13/01/2024 22:20	9.1	263	6	11.7	0.0	27.7	77
13/01/2024 22:30	9.1	265	6	11.7	0.0	27.7	77
13/01/2024 22:40	8.5	266	7	11.2	0.0	27.6	77
13/01/2024 22:50	9.0	268	5	11.4	0.0	27.6	78
13/01/2024 23:00	8.3	267	6	11.2	0.0	27.6	79
13/01/2024 23:10	9.0	268	7	12.0	0.0	27.5	79
13/01/2024 23:20	9.0	268	5	12.0	0.0	27.5	79
13/01/2024 23:30	9.4	266	7	11.6	0.0	27.5	79
13/01/2024 23:40	8.6	263	6	11.4	0.0	27.5	79
13/01/2024 23:50	9.1	264	5	11.4	0.0	27.5	78
14/01/2024 00:00	8.6	270	6	11.3	0.0	27.5	79
14/01/2024 00:10	8.4	267	6	11.4	0.0	27.5	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/01/2024 00:20	7.8	267	6	10.0	0.0	27.5	79
14/01/2024 00:30	8.0	269	6	9.8	0.0	27.5	79
14/01/2024 00:40	7.7	269	7	10.7	0.0	27.6	78
14/01/2024 00:50	7.8	266	6	10.4	0.0	27.7	77
14/01/2024 01:00	8.2	265	6	11.0	0.0	27.7	77
14/01/2024 01:10	8.3	270	6	10.7	0.0	27.7	77
14/01/2024 01:20	8.6	267	6	11.3	0.0	27.6	77
14/01/2024 01:30	9.0	270	6	11.9	0.0	27.6	77
14/01/2024 01:40	7.7	269	6	11.1	0.0	27.6	76
14/01/2024 01:50	7.7	270	6	10.2	0.0	27.6	76
14/01/2024 02:00	8.1	269	6	11.1	0.0	27.5	76
14/01/2024 02:10	8.7	268	5	11.5	0.0	27.5	74
14/01/2024 02:20	8.8	272	6	12.2	0.0	27.5	75
14/01/2024 02:30	8.3	266	7	11.0	0.0	27.3	74
14/01/2024 02:40	9.1	268	6	11.9	0.0	27.3	74
14/01/2024 02:50	8.9	265	7	11.2	0.0	27.3	74
14/01/2024 03:00	9.4	265	6	12.3	0.0	27.2	75
14/01/2024 03:10	8.8	263	6	11.2	0.0	27.1	74
14/01/2024 03:20	8.5	266	6	11.4	0.0	27.1	75
14/01/2024 03:30	8.9	263	6	11.5	0.0	27.0	73
14/01/2024 03:40	8.1	265	6	11.4	0.0	27.0	74
14/01/2024 03:50	9.2	264	6	12.6	0.0	27.0	73
14/01/2024 04:00	8.5	263	6	10.5	0.0	27.0	73
14/01/2024 04:10	9.3	263	6	11.8	0.0	27.0	73
14/01/2024 04:20	9.2	263	5	11.4	0.0	27.0	72
14/01/2024 04:30	9.4	265	6	13.1	0.0	27.0	72
14/01/2024 04:40	9.3	260	6	11.8	0.0	26.9	71
14/01/2024 04:50	9.8	263	6	13.0	0.0	26.8	70
14/01/2024 05:00	9.5	260	6	12.7	0.0	26.8	71
14/01/2024 05:10	10.0	261	6	12.7	0.0	26.7	71
14/01/2024 05:20	9.4	262	6	12.3	0.0	26.7	71
14/01/2024 05:30	8.5	263	6	10.9	0.0	26.6	71
14/01/2024 05:40	9.1	262	6	12.0	0.0	26.6	71
14/01/2024 05:50	8.4	261	6	11.0	0.0	26.5	71
14/01/2024 06:00	8.7	263	5	10.5	0.0	26.5	71
14/01/2024 06:10	8.7	267	6	12.3	0.0	26.5	71
14/01/2024 06:20	9.1	269	6	11.8	0.0	26.7	70
14/01/2024 06:30	9.1	265	6	11.1	0.0	26.8	69
14/01/2024 06:40	8.8	263	6	11.6	0.0	26.8	70
14/01/2024 06:50	8.4	264	6	11.4	0.0	26.9	70
14/01/2024 07:00	8.4	259	6	11.2	0.0	26.9	70
14/01/2024 07:10	8.8	262	6	11.9	0.0	26.9	68
14/01/2024 07:20	8.3	261	6	10.2	0.0	27.1	70
14/01/2024 07:30	8.7	258	6	11.0	0.0	27.3	69
14/01/2024 07:40	8.8	257	6	10.5	0.0	27.5	68
14/01/2024 07:50	9.2	259	6	11.1	0.0	27.7	68
14/01/2024 08:00	9.2	261	7	12.3	0.0	27.7	67
14/01/2024 08:10	9.5	268	7	12.3	0.0	27.8	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/01/2024 08:20	8.4	265	6	10.7	0.0	28.1	66
14/01/2024 08:30	9.8	266	8	12.6	0.0	28.1	67
14/01/2024 08:40	10.0	267	7	12.3	0.0	28.0	69
14/01/2024 08:50	10.2	271	6	12.6	0.0	28.1	70
14/01/2024 09:00	9.8	273	7	12.7	0.0	28.5	69
14/01/2024 09:10	10.5	274	7	13.4	0.0	28.4	69
14/01/2024 09:20	10.0	270	6	12.9	0.0	28.5	69
14/01/2024 09:30	10.2	271	8	13.1	0.0	28.4	69
14/01/2024 09:40	10.7	276	7	13.3	0.0	28.5	70
14/01/2024 09:50	10.3	272	7	13.1	0.0	28.6	70
14/01/2024 10:00	10.4	277	7	12.8	0.0	28.9	69
14/01/2024 10:10	10.5	274	7	13.7	0.0	28.9	69
14/01/2024 10:20	10.9	276	7	13.8	0.0	28.8	69
14/01/2024 10:30	11.7	272	7	14.3	0.0	28.6	71
14/01/2024 10:40	11.9	275	6	14.6	0.0	28.5	71
14/01/2024 10:50	11.1	277	7	13.9	0.0	28.9	70
14/01/2024 11:00	10.8	275	7	13.8	0.0	28.9	71
14/01/2024 11:10	11.2	273	8	13.7	0.0	28.7	71
14/01/2024 11:20	11.6	273	7	14.4	0.0	28.9	70
14/01/2024 11:30	11.7	270	8	15.2	0.0	28.7	71
14/01/2024 11:40	11.0	280	7	14.6	0.0	28.9	70
14/01/2024 11:50	11.4	276	9	14.8	0.0	28.9	71
14/01/2024 12:00	11.3	274	8	14.8	0.0	29.1	71
14/01/2024 12:10	11.6	273	7	14.8	0.0	29.0	70
14/01/2024 12:20	11.7	273	6	15.0	0.0	28.7	71
14/01/2024 12:30	11.8	274	7	14.9	0.0	28.9	71
14/01/2024 12:40	12.0	274	5	14.5	0.0	28.6	73
14/01/2024 12:50	11.2	273	6	14.8	0.0	29.0	71
14/01/2024 13:00	12.2	273	6	15.2	0.0	28.7	72
14/01/2024 13:10	12.2	276	7	15.7	0.0	28.7	73
14/01/2024 13:20	12.4	277	7	16.4	0.0	28.6	72
14/01/2024 13:30	12.3	272	7	15.9	0.1	28.6	72
14/01/2024 13:40	11.9	274	7	14.8	0.0	28.6	72
14/01/2024 13:50	12.4	275	5	15.0	0.0	28.2	73
14/01/2024 14:00	11.6	270	7	15.2	0.0	28.6	71
14/01/2024 14:10	11.8	273	7	15.3	0.0	28.6	70
14/01/2024 14:20	11.7	272	7	14.2	0.0	28.6	71
14/01/2024 14:30	11.3	269	5	14.8	0.0	28.6	69
14/01/2024 14:40	11.2	272	6	14.4	0.0	29.0	66
14/01/2024 14:50	11.6	279	6	14.8	0.0	28.7	67
14/01/2024 15:00	11.8	274	7	15.3	0.0	28.7	68
14/01/2024 15:10	11.6	271	6	15.2	0.0	28.6	69
14/01/2024 15:20	12.3	273	8	16.0	0.0	28.5	67
14/01/2024 15:30	12.1	277	6	15.3	0.0	28.6	66
14/01/2024 15:40	11.9	272	7	15.5	0.0	28.6	67
14/01/2024 15:50	12.2	275	6	15.0	0.0	28.5	67
14/01/2024 16:00	11.4	273	7	15.3	0.0	28.6	67
14/01/2024 16:10	11.7	271	7	15.2	0.0	28.5	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/01/2024 16:20	12.2	274	7	15.1	0.0	28.3	68
14/01/2024 16:30	12.3	275	5	15.7	0.0	28.3	68
14/01/2024 16:40	12.0	270	6	15.4	0.0	28.1	69
14/01/2024 16:50	11.4	270	7	15.4	0.0	28.5	67
14/01/2024 17:00	11.9	273	7	15.0	0.0	28.3	68
14/01/2024 17:10	12.0	271	7	15.4	0.0	28.1	69
14/01/2024 17:20	12.0	271	7	15.6	0.0	28.0	70
14/01/2024 17:30	11.6	274	6	14.9	0.0	27.9	70
14/01/2024 17:40	11.3	274	6	14.6	0.0	27.9	71
14/01/2024 17:50	11.4	274	6	15.2	0.0	27.6	72
14/01/2024 18:00	12.1	274	6	15.3	0.0	27.6	72
14/01/2024 18:10	11.9	276	6	15.2	0.0	27.3	72
14/01/2024 18:20	11.4	275	5	15.3	0.0	27.3	73
14/01/2024 18:30	11.2	272	5	15.8	0.0	27.1	74
14/01/2024 18:40	11.6	277	6	14.7	0.0	27.0	75
14/01/2024 18:50	10.9	274	6	13.5	0.0	26.9	76
14/01/2024 19:00	10.7	273	7	14.1	0.0	26.9	77
14/01/2024 19:10	10.6	274	6	14.6	0.0	26.8	78
14/01/2024 19:20	10.3	271	6	13.3	0.0	26.8	78
14/01/2024 19:30	10.1	269	6	13.7	0.0	26.8	78
14/01/2024 19:40	9.9	270	7	13.9	0.0	26.8	78
14/01/2024 19:50	11.1	270	6	13.6	0.0	26.8	78
14/01/2024 20:00	10.3	270	6	13.3	0.0	26.8	79
14/01/2024 20:10	10.9	268	6	14.4	0.0	26.8	79
14/01/2024 20:20	9.4	268	6	12.2	0.0	26.8	80
14/01/2024 20:30	9.5	270	6	12.5	0.0	26.8	80
14/01/2024 20:40	9.1	271	6	11.5	0.0	26.8	80
14/01/2024 20:50	9.5	271	5	12.7	0.0	26.9	80
14/01/2024 21:00	10.2	271	6	13.6	0.0	26.9	79
14/01/2024 21:10	10.0	271	6	12.9	0.0	27.0	79
14/01/2024 21:20	9.1	271	6	12.0	0.0	27.0	79
14/01/2024 21:30	9.1	275	7	12.2	0.0	27.1	78
14/01/2024 21:40	10.0	272	6	13.5	0.0	27.1	78
14/01/2024 21:50	9.3	272	6	12.0	0.0	27.1	78
14/01/2024 22:00	9.9	272	5	13.2	0.0	27.1	78
14/01/2024 22:10	9.7	269	7	12.7	0.0	27.1	78
14/01/2024 22:20	8.9	270	6	11.9	0.0	27.1	79
14/01/2024 22:30	9.2	267	6	12.5	0.0	27.1	79
14/01/2024 22:40	9.9	269	6	12.6	0.0	27.1	79
14/01/2024 22:50	9.5	272	6	12.7	0.0	27.1	79
14/01/2024 23:00	9.6	271	6	12.7	0.0	27.1	79
14/01/2024 23:10	9.3	268	6	11.8	0.0	27.1	79
14/01/2024 23:20	9.6	271	6	12.6	0.0	27.0	79
14/01/2024 23:30	9.8	264	6	12.5	0.0	27.0	79
14/01/2024 23:40	9.3	267	6	11.8	0.0	27.0	80
14/01/2024 23:50	9.6	265	6	13.3	0.0	26.9	80
15/01/2024 00:00	9.2	268	6	12.7	0.0	26.9	80
15/01/2024 00:10	9.2	269	6	12.2	0.0	26.9	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/01/2024 00:20	9.1	272	7	12.2	0.0	26.9	80
15/01/2024 00:30	9.2	273	6	11.9	0.0	26.8	81
15/01/2024 00:40	9.6	271	5	12.0	0.0	26.8	82
15/01/2024 00:50	8.9	268	6	12.1	0.0	26.8	83
15/01/2024 01:00	8.8	267	7	11.9	0.0	26.7	83
15/01/2024 01:10	9.9	269	6	12.8	0.0	26.7	84
15/01/2024 01:20	9.4	268	6	12.3	0.0	26.7	84
15/01/2024 01:30	9.3	269	6	12.3	0.0	26.7	84
15/01/2024 01:40	9.1	265	6	11.4	0.0	26.8	83
15/01/2024 01:50	8.4	262	6	10.3	0.0	26.8	83
15/01/2024 02:00	9.0	259	6	11.4	0.0	26.9	80
15/01/2024 02:10	8.0	260	6	11.2	0.0	26.9	79
15/01/2024 02:20	8.6	266	7	11.2	0.0	26.8	79
15/01/2024 02:30	8.5	265	5	10.7	0.0	26.8	79
15/01/2024 02:40	8.8	267	6	11.0	0.0	26.8	78
15/01/2024 02:50	8.4	264	5	10.6	0.0	26.8	78
15/01/2024 03:00	7.4	267	7	9.5	0.0	26.7	79
15/01/2024 03:10	7.3	270	5	9.8	0.0	26.7	79
15/01/2024 03:20	8.1	263	5	10.3	0.0	26.7	78
15/01/2024 03:30	8.4	262	6	10.7	0.0	26.7	78
15/01/2024 03:40	7.6	260	6	9.8	0.0	26.6	79
15/01/2024 03:50	7.5	262	7	10.6	0.0	26.6	78
15/01/2024 04:00	7.4	263	6	9.4	0.0	26.6	79
15/01/2024 04:10	7.2	263	6	10.1	0.0	26.5	78
15/01/2024 04:20	7.7	262	5	9.9	0.0	26.5	79
15/01/2024 04:30	6.8	265	6	8.7	0.0	26.5	79
15/01/2024 04:40	6.8	262	6	9.3	0.0	26.5	78
15/01/2024 04:50	7.0	260	4	9.3	0.0	26.5	77
15/01/2024 05:00	6.7	258	6	9.0	0.0	26.4	78
15/01/2024 05:10	5.7	260	5	7.4	0.0	26.3	77
15/01/2024 05:20	5.3	258	5	6.4	0.0	26.1	78
15/01/2024 05:30	5.0	258	5	6.5	0.0	26.1	78
15/01/2024 05:40	5.4	261	6	7.3	0.0	26.0	79
15/01/2024 05:50	6.0	263	6	8.7	0.0	26.0	79
15/01/2024 06:00	6.5	265	6	8.8	0.0	26.1	78
15/01/2024 06:10	7.7	259	7	9.9	0.0	26.1	76
15/01/2024 06:20	6.8	259	6	8.9	0.0	26.1	75
15/01/2024 06:30	6.7	257	8	8.7	0.0	26.2	74
15/01/2024 06:40	6.5	262	7	8.6	0.0	26.3	73
15/01/2024 06:50	7.2	258	6	9.9	0.0	26.3	73
15/01/2024 07:00	7.5	258	7	9.7	0.0	26.4	72
15/01/2024 07:10	7.5	261	7	9.0	0.0	26.5	71
15/01/2024 07:20	7.1	263	7	8.8	0.0	26.8	70
15/01/2024 07:30	7.5	263	7	9.5	0.0	26.9	70
15/01/2024 07:40	7.6	262	6	9.6	0.0	27.1	70
15/01/2024 07:50	7.8	264	6	9.7	0.0	27.2	70
15/01/2024 08:00	8.2	261	6	10.0	0.0	27.2	69
15/01/2024 08:10	8.0	266	6	9.9	0.0	27.5	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/01/2024 08:20	8.1	256	7	9.7	0.0	27.7	68
15/01/2024 08:30	7.9	262	7	9.8	0.0	27.9	68
15/01/2024 08:40	8.3	270	7	11.0	0.0	28.3	69
15/01/2024 08:50	8.5	267	7	10.5	0.0	28.0	72
15/01/2024 09:00	8.6	269	7	11.3	0.0	28.2	72
15/01/2024 09:10	7.0	266	9	9.0	0.0	28.7	70
15/01/2024 09:20	7.2	266	8	9.1	0.0	28.7	69
15/01/2024 09:30	7.3	273	6	8.9	0.0	28.7	69
15/01/2024 09:40	6.9	273	9	8.6	0.0	28.8	69
15/01/2024 09:50	7.0	276	9	9.3	0.0	29.3	68
15/01/2024 10:00	7.3	285	9	9.1	0.0	29.0	69
15/01/2024 10:10							
15/01/2024 10:20	7.5	282	6	9.3	0.1	29.1	68
15/01/2024 10:30	7.8	278	7	9.6	0.0	29.1	68
15/01/2024 10:40	7.3	279	8	9.2	0.0	29.3	67
15/01/2024 10:50	7.7	272	8	9.3	0.0	29.5	65
15/01/2024 11:00	7.9	274	7	10.1	0.0	29.5	65
15/01/2024 11:10	7.2	273	9	9.6	0.0	29.8	66
15/01/2024 11:20	7.6	269	8	9.8	0.0	29.5	68
15/01/2024 11:30	7.8	271	7	10.3	0.0	29.6	69
15/01/2024 11:40	8.5	270	6	11.0	0.0	29.3	69
15/01/2024 11:50	8.2	271	8	10.5	0.0	29.5	68
15/01/2024 12:00	9.2	269	8	11.6	0.0	29.0	70
15/01/2024 12:10	9.0	267	7	11.4	0.0	28.7	71
15/01/2024 12:20	9.6	271	7	11.7	0.0	28.7	71
15/01/2024 12:30	9.0	270	9	11.5	0.0	28.9	70
15/01/2024 12:40	9.1	272	8	11.1	0.0	28.4	71
15/01/2024 12:50	9.6	272	7	11.7	0.0	28.7	70
15/01/2024 13:00	9.2	271	8	11.1	0.0	28.8	70
15/01/2024 13:10	8.7	264	7	11.2	0.0	28.9	69
15/01/2024 13:20	9.1	273	7	12.3	0.0	28.8	67
15/01/2024 13:30	9.4	271	8	12.1	0.0	29.1	66
15/01/2024 13:40	9.8	272	9	12.2	0.0	29.0	66
15/01/2024 13:50	9.3	270	8	12.4	0.0	28.8	68
15/01/2024 14:00	10.8	266	7	12.9	0.0	28.2	70
15/01/2024 14:10	10.4	265	7	12.5	0.0	28.4	70
15/01/2024 14:20	9.5	274	10	12.4	0.0	28.8	69
15/01/2024 14:30	9.8	272	9	12.3	0.0	28.7	70
15/01/2024 14:40	10.0	265	7	12.6	0.0	28.4	70
15/01/2024 14:50	9.9	268	9	13.0	0.0	28.1	71
15/01/2024 15:00	10.6	269	7	13.3	0.0	27.8	72
15/01/2024 15:10	10.9	267	6	13.6	0.0	27.8	72
15/01/2024 15:20	10.7	269	8	13.7	0.0	27.9	71
15/01/2024 15:30	10.8	271	8	13.6	0.0	28.0	71
15/01/2024 15:40	10.8	268	9	14.1	0.0	27.9	71
15/01/2024 15:50	10.9	267	6	14.4	0.0	28.0	70
15/01/2024 16:00	11.0	268	8	14.0	0.0	27.9	70
15/01/2024 16:10	10.1	270	8	13.2	0.0	28.0	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/01/2024 16:20	10.0	272	7	12.8	0.0	27.9	70
15/01/2024 16:30	9.2	273	9	11.9	0.0	28.3	69
15/01/2024 16:40	9.8	274	7	12.9	0.0	28.0	70
15/01/2024 16:50	10.2	270	6	13.2	0.0	28.2	68
15/01/2024 17:00	10.2	276	9	13.6	0.0	28.0	69
15/01/2024 17:10	11.2	272	6	14.1	0.0	27.8	67
15/01/2024 17:20	10.6	271	6	13.2	0.0	27.7	67
15/01/2024 17:30	10.4	273	7	13.8	0.0	27.8	66
15/01/2024 17:40	10.7	272	6	13.8	0.0	27.6	67
15/01/2024 17:50	10.6	274	8	13.3	0.0	27.5	68
15/01/2024 18:00	9.9	267	7	12.9	0.0	27.4	70
15/01/2024 18:10	9.9	274	5	13.4	0.0	27.3	71
15/01/2024 18:20	9.5	270	7	12.7	0.0	27.3	73
15/01/2024 18:30	9.8	271	7	12.6	0.0	27.0	74
15/01/2024 18:40	9.1	273	6	12.3	0.0	26.8	75
15/01/2024 18:50	8.4	269	7	10.8	0.0	26.8	76
15/01/2024 19:00	9.2	265	7	12.1	0.0	26.7	77
15/01/2024 19:10	8.6	265	7	11.3	0.0	26.5	78
15/01/2024 19:20	8.4	268	8	11.4	0.0	26.5	78
15/01/2024 19:30	8.9	262	6	11.9	0.0	26.5	79
15/01/2024 19:40	9.4	264	6	12.6	0.0	26.5	79
15/01/2024 19:50	9.4	266	5	12.6	0.0	26.5	80
15/01/2024 20:00	9.4	271	5	13.0	0.0	26.5	80
15/01/2024 20:10	8.7	266	6	11.3	0.0	26.6	80
15/01/2024 20:20	8.8	268	6	11.3	0.0	26.6	80
15/01/2024 20:30	8.7	270	6	11.4	0.0	26.5	80
15/01/2024 20:40	9.2	272	6	12.5	0.0	26.5	80
15/01/2024 20:50	9.3	275	6	12.4	0.0	26.5	80
15/01/2024 21:00	9.0	277	6	11.9	0.0	26.5	80
15/01/2024 21:10	9.4	277	6	11.7	0.0	26.5	81
15/01/2024 21:20	8.2	271	6	11.3	0.0	26.4	81
15/01/2024 21:30	8.4	271	6	11.6	0.0	26.4	81
15/01/2024 21:40	7.9	271	6	10.6	0.0	26.4	82
15/01/2024 21:50	8.1	267	6	11.6	0.0	26.4	81
15/01/2024 22:00	7.4	268	7	10.1	0.0	26.4	81
15/01/2024 22:10	7.5	269	7	9.4	0.0	26.4	81
15/01/2024 22:20	7.0	268	7	9.9	0.0	26.5	80
15/01/2024 22:30	7.4	268	6	9.7	0.0	26.5	81
15/01/2024 22:40	6.7	264	7	9.3	0.0	26.5	80
15/01/2024 22:50	7.2	262	6	9.5	0.0	26.5	80
15/01/2024 23:00	7.8	261	5	9.5	0.0	26.5	80
15/01/2024 23:10	7.0	268	7	9.7	0.0	26.6	79
15/01/2024 23:20	6.7	262	7	9.3	0.0	26.6	79
15/01/2024 23:30	6.9	264	5	8.8	0.0	26.6	78
15/01/2024 23:40	7.5	259	5	9.5	0.0	26.6	78
15/01/2024 23:50	7.7	261	6	9.6	0.0	26.5	78
16/01/2024 00:00	7.0	259	6	9.0	0.0	26.5	78
16/01/2024 00:10	6.0	270	7	8.5	0.0	26.5	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/01/2024 00:20	6.5	273	7	8.6	0.0	26.5	79
16/01/2024 00:30	5.9	277	7	7.9	0.0	26.5	81
16/01/2024 00:40	6.3	281	5	8.7	0.0	26.2	84
16/01/2024 00:50	6.6	279	5	9.0	0.0	26.0	85
16/01/2024 01:00	7.1	278	6	8.8	0.0	25.9	85
16/01/2024 01:10	7.4	275	6	9.7	0.0	25.8	85
16/01/2024 01:20	7.2	275	6	9.3	0.0	25.8	85
16/01/2024 01:30	8.0	275	6	10.1	0.0	25.8	86
16/01/2024 01:40	8.1	275	6	10.3	0.0	25.7	86
16/01/2024 01:50	8.8	275	7	11.2	0.0	25.7	86
16/01/2024 02:00	8.8	276	6	11.3	0.0	25.6	86
16/01/2024 02:10	8.7	276	6	11.9	0.0	25.5	86
16/01/2024 02:20	9.0	272	6	11.4	0.0	25.5	86
16/01/2024 02:30	8.7	272	6	10.9	0.0	25.6	86
16/01/2024 02:40	9.3	274	6	12.3	0.0	25.6	86
16/01/2024 02:50	8.6	272	6	12.1	0.0	25.6	86
16/01/2024 03:00	9.1	269	5	12.0	0.0	25.6	86
16/01/2024 03:10	8.9	268	5	11.6	0.0	25.6	86
16/01/2024 03:20	8.1	274	6	10.4	0.0	25.6	86
16/01/2024 03:30	9.6	278	5	12.5	0.0	25.5	86
16/01/2024 03:40	8.5	274	6	11.2	0.0	25.5	86
16/01/2024 03:50	9.2	276	6	11.9	0.0	25.4	86
16/01/2024 04:00	8.8	274	6	11.4	0.0	25.4	86
16/01/2024 04:10	9.1	273	6	11.9	0.0	25.4	86
16/01/2024 04:20	8.6	272	7	11.7	0.0	25.4	86
16/01/2024 04:30	8.7	274	6	10.9	0.0	25.4	86
16/01/2024 04:40	8.9	275	7	11.5	0.0	25.4	86
16/01/2024 04:50	9.1	275	7	11.8	0.0	25.4	86
16/01/2024 05:00	9.5	271	5	13.1	0.0	25.5	85
16/01/2024 05:10	9.1	271	6	12.9	0.0	25.6	86
16/01/2024 05:20	8.1	265	6	10.7	0.0	25.6	85
16/01/2024 05:30	9.5	262	6	12.6	0.0	25.6	84
16/01/2024 05:40	9.0	266	6	11.9	0.0	25.6	84
16/01/2024 05:50	9.0	262	6	11.9	0.0	25.6	84
16/01/2024 06:00	8.1	264	7	11.1	0.0	25.6	83
16/01/2024 06:10	9.0	260	7	12.0	0.0	25.6	83
16/01/2024 06:20	9.1	267	7	12.0	0.0	25.6	83
16/01/2024 06:30	9.7	266	6	12.6	0.0	25.6	83
16/01/2024 06:40	9.3	263	7	12.2	0.0	25.8	82
16/01/2024 06:50	9.9	257	6	12.7	0.0	25.7	82
16/01/2024 07:00	9.1	260	6	11.6	0.0	25.8	82
16/01/2024 07:10	9.7	260	6	13.0	0.0	25.8	81
16/01/2024 07:20	9.4	259	7	12.3	0.0	25.9	80
16/01/2024 07:30	10.2	256	6	13.3	0.0	26.2	79
16/01/2024 07:40	9.3	260	7	13.4	0.0	26.3	79
16/01/2024 07:50	9.5	263	7	12.0	0.0	26.5	78
16/01/2024 08:00	9.6	258	7	12.0	0.0	26.6	77
16/01/2024 08:10	9.6	260	8	12.1	0.0	26.8	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/01/2024 08:20	9.4	263	7	12.6	0.0	27.1	75
16/01/2024 08:30	9.4	268	6	13.0	0.0	27.2	74
16/01/2024 08:40	10.4	275	6	13.4	0.0	27.1	75
16/01/2024 08:50	10.0	273	8	13.9	0.0	27.5	74
16/01/2024 09:00	10.1	269	7	13.7	0.0	27.4	74
16/01/2024 09:10	10.7	269	6	14.2	0.0	27.4	74
16/01/2024 09:20	10.8	269	6	13.7	0.0	27.4	74
16/01/2024 09:30	10.7	271	9	13.8	0.0	27.8	73
16/01/2024 09:40	10.9	268	7	14.0	0.0	27.8	73
16/01/2024 09:50	11.0	270	7	14.5	0.0	27.8	73
16/01/2024 10:00	11.0	269	8	14.0	0.0	27.7	73
16/01/2024 10:10	10.7	270	7	14.7	0.0	28.0	72
16/01/2024 10:20	11.4	271	7	14.4	0.0	28.3	71
16/01/2024 10:30	11.6	269	8	14.7	0.0	28.0	72
16/01/2024 10:40	11.3	272	6	15.1	0.0	28.4	71
16/01/2024 10:50	11.8	276	7	14.9	0.0	28.4	71
16/01/2024 11:00	12.1	271	6	15.4	0.1	28.3	71
16/01/2024 11:10	12.4	274	6	15.5	0.0	28.3	71
16/01/2024 11:20	11.8	275	7	16.0	0.0	28.4	70
16/01/2024 11:30	11.6	278	7	14.4	0.0	28.7	69
16/01/2024 11:40	12.0	277	7	15.9	0.0	28.3	70
16/01/2024 11:50	11.8	280	7	15.4	0.0	28.4	69
16/01/2024 12:00	11.4	278	8	14.9	0.0	28.6	69
16/01/2024 12:10	11.8	276	7	16.0	0.0	28.5	69
16/01/2024 12:20	11.8	275	8	14.8	0.0	28.5	69
16/01/2024 12:30	11.6	275	8	15.6	0.0	28.5	69
16/01/2024 12:40	12.0	273	7	15.5	0.0	28.5	69
16/01/2024 12:50	10.8	275	9	14.0	0.0	28.6	68
16/01/2024 13:00	11.3	274	7	14.6	0.0	28.7	68
16/01/2024 13:10	11.2	273	8	14.4	0.0	28.5	68
16/01/2024 13:20	11.4	278	9	14.7	0.0	28.6	68
16/01/2024 13:30	12.1	273	7	15.0	0.0	28.1	70
16/01/2024 13:40	12.0	277	7	15.7	0.0	28.3	69
16/01/2024 13:50	11.5	270	7	15.4	0.0	28.6	67
16/01/2024 14:00	12.2	276	7	15.4	0.0	28.4	67
16/01/2024 14:10	11.8	274	8	15.7	0.0	28.5	67
16/01/2024 14:20	11.7	276	7	16.1	0.0	28.6	65
16/01/2024 14:30	12.0	275	7	15.3	0.0	28.6	65
16/01/2024 14:40	12.6	275	6	16.8	0.0	28.7	62
16/01/2024 14:50	12.6	274	8	15.9	0.0	28.6	63
16/01/2024 15:00	12.4	270	8	16.1	0.0	28.7	62
16/01/2024 15:10	13.0	274	7	16.2	0.0	28.7	61
16/01/2024 15:20	12.7	274	7	16.1	0.1	28.6	63
16/01/2024 15:30	12.3	271	7	15.8	0.0	28.7	63
16/01/2024 15:40	12.6	269	6	16.2	0.0	28.5	64
16/01/2024 15:50	12.8	271	6	16.3	0.0	28.3	64
16/01/2024 16:00	12.4	271	6	16.6	0.0	28.5	63
16/01/2024 16:10	13.4	273	6	17.1	0.0	28.3	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/01/2024 16:20	13.2	273	5	16.7	0.1	28.3	62
16/01/2024 16:30	12.1	270	7	15.9	0.0	28.4	62
16/01/2024 16:40	12.1	274	6	16.2	0.0	28.5	62
16/01/2024 16:50	11.7	270	6	16.0	0.0	28.5	62
16/01/2024 17:00	13.2	272	5	16.9	0.0	28.3	61
16/01/2024 17:10	12.2	268	6	16.0	0.0	28.1	63
16/01/2024 17:20	13.0	273	6	16.7	0.0	27.9	64
16/01/2024 17:30	12.6	278	6	16.8	0.0	27.6	67
16/01/2024 17:40	12.5	277	5	16.5	0.0	27.4	68
16/01/2024 17:50	11.9	275	7	15.4	0.0	27.3	69
16/01/2024 18:00	11.7	272	7	16.5	0.0	27.3	69
16/01/2024 18:10	12.2	276	6	15.9	0.0	27.1	70
16/01/2024 18:20	11.7	275	6	15.8	0.1	27.1	70
16/01/2024 18:30	11.7	275	6	15.5	0.0	26.8	71
16/01/2024 18:40	11.0	274	5	14.8	0.0	26.8	72
16/01/2024 18:50	11.1	273	6	15.1	0.0	26.8	73
16/01/2024 19:00	11.1	271	7	14.4	0.0	26.7	74
16/01/2024 19:10	11.1	268	6	14.4	0.0	26.6	73
16/01/2024 19:20	11.0	268	6	15.0	0.0	26.6	73
16/01/2024 19:30	10.7	269	6	14.2	0.0	26.7	74
16/01/2024 19:40	10.5	273	5	14.1	0.0	26.6	74
16/01/2024 19:50	9.9	271	7	14.8	0.0	26.6	75
16/01/2024 20:00	11.0	275	6	14.4	0.0	26.5	76
16/01/2024 20:10	10.0	271	6	13.5	0.0	26.5	77
16/01/2024 20:20	11.1	268	5	14.3	0.0	26.4	77
16/01/2024 20:30	10.3	271	6	13.7	0.0	26.5	77
16/01/2024 20:40	9.8	269	6	13.8	0.0	26.4	77
16/01/2024 20:50	10.6	269	6	13.5	0.0	26.4	77
16/01/2024 21:00	11.1	271	7	14.1	0.0	26.4	78
16/01/2024 21:10	11.0	269	6	14.9	0.0	26.4	78
16/01/2024 21:20	10.4	270	6	13.9	0.0	26.4	78
16/01/2024 21:30	10.5	271	6	13.6	0.0	26.4	77
16/01/2024 21:40	9.9	272	6	13.6	0.0	26.4	77
16/01/2024 21:50	10.0	269	5	13.4	0.0	26.4	77
16/01/2024 22:00	9.2	271	7	12.1	0.0	26.6	77
16/01/2024 22:10	9.9	272	6	12.9	0.0	26.6	77
16/01/2024 22:20	9.7	272	6	12.9	0.0	26.6	78
16/01/2024 22:30	10.1	270	6	14.9	0.0	26.5	77
16/01/2024 22:40	9.3	274	5	13.0	0.0	26.5	78
16/01/2024 22:50	10.2	268	5	14.1	0.0	26.5	78
16/01/2024 23:00	10.6	267	6	13.7	0.0	26.6	77
16/01/2024 23:10	9.5	267	6	12.6	0.0	26.7	77
16/01/2024 23:20	9.4	269	6	13.7	0.0	26.7	78
16/01/2024 23:30	9.3	264	7	12.3	0.0	26.7	77
16/01/2024 23:40	10.0	268	7	12.8	0.0	26.7	77
16/01/2024 23:50	9.6	271	7	12.3	0.0	26.7	77
17/01/2024 00:00	8.8	269	7	12.2	0.0	26.6	78
17/01/2024 00:10	8.9	264	6	11.7	0.0	26.6	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/01/2024 00:20	9.5	264	6	12.7	0.0	26.5	79
17/01/2024 00:30	9.3	264	6	12.1	0.0	26.5	79
17/01/2024 00:40	9.4	260	7	11.7	0.0	26.5	80
17/01/2024 00:50	9.8	268	6	12.9	0.0	26.5	79
17/01/2024 01:00	9.0	269	6	12.0	0.0	26.5	80
17/01/2024 01:10	9.8	268	7	12.7	0.0	26.5	79
17/01/2024 01:20	10.1	268	6	13.5	0.0	26.5	79
17/01/2024 01:30	9.3	270	5	13.1	0.0	26.5	78
17/01/2024 01:40	9.5	269	6	12.6	0.0	26.5	79
17/01/2024 01:50	9.4	268	7	12.9	0.0	26.5	79
17/01/2024 02:00	9.1	269	7	12.0	0.0	26.5	80
17/01/2024 02:10	9.6	267	5	12.6	0.0	26.4	80
17/01/2024 02:20	9.6	266	6	11.9	0.0	26.4	81
17/01/2024 02:30	10.1	268	6	13.5	0.0	26.3	81
17/01/2024 02:40	9.9	264	6	13.1	0.0	26.4	82
17/01/2024 02:50	10.1	266	6	13.3	0.0	26.4	82
17/01/2024 03:00	9.7	265	6	12.5	0.0	26.4	83
17/01/2024 03:10	9.8	268	6	12.8	0.0	26.4	83
17/01/2024 03:20	9.8	269	6	13.6	0.0	26.4	83
17/01/2024 03:30	9.4	266	6	11.9	0.0	26.5	82
17/01/2024 03:40	9.2	267	6	12.7	0.0	26.5	80
17/01/2024 03:50	9.8	268	7	13.5	0.0	26.6	79
17/01/2024 04:00	9.0	264	6	12.1	0.0	26.6	78
17/01/2024 04:10	10.0	266	6	12.9	0.0	26.5	78
17/01/2024 04:20	9.7	263	6	12.6	0.0	26.5	77
17/01/2024 04:30	9.4	265	6	11.5	0.0	26.5	76
17/01/2024 04:40	9.4	264	6	12.8	0.0	26.5	76
17/01/2024 04:50	9.1	266	6	12.3	0.0	26.5	76
17/01/2024 05:00	9.9	267	5	12.8	0.0	26.5	77
17/01/2024 05:10	9.1	264	7	11.8	0.0	26.4	77
17/01/2024 05:20	8.2	263	7	11.4	0.0	26.4	78
17/01/2024 05:30	9.6	264	6	12.7	0.0	26.3	77
17/01/2024 05:40	8.9	263	6	11.7	0.0	26.2	77
17/01/2024 05:50	8.9	263	6	11.3	0.0	26.2	77
17/01/2024 06:00	8.5	264	8	10.6	0.0	26.2	78
17/01/2024 06:10	8.5	260	6	11.1	0.0	26.1	78
17/01/2024 06:20	8.9	267	6	11.3	0.0	26.1	77
17/01/2024 06:30	8.9	268	6	11.6	0.0	26.2	77
17/01/2024 06:40	7.7	266	6	10.0	0.0	26.2	76
17/01/2024 06:50	8.3	266	7	10.7	0.0	26.3	77
17/01/2024 07:00	8.3	271	6	10.9	0.0	26.4	77
17/01/2024 07:10	8.5	266	6	11.6	0.0	26.5	77
17/01/2024 07:20	9.1	268	6	13.1	0.0	26.8	76
17/01/2024 07:30	9.4	271	7	13.2	0.0	27.0	75
17/01/2024 07:40	9.4	267	6	12.7	0.0	27.1	75
17/01/2024 07:50	11.3	268	5	14.6	0.0	27.1	74
17/01/2024 08:00	11.1	263	6	14.6	0.0	27.1	74
17/01/2024 08:10	10.7	270	6	14.6	0.0	27.0	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/01/2024 08:20	10.3	270	7	13.7	0.0	27.3	74
17/01/2024 08:30	11.6	267	6	14.9	0.0	27.2	74
17/01/2024 08:40	11.4	267	6	14.4	0.0	27.3	74
17/01/2024 08:50	11.2	264	5	15.3	0.0	27.3	74
17/01/2024 09:00	12.3	270	6	15.1	0.0	27.4	74
17/01/2024 09:10	11.1	267	7	15.0	0.0	27.8	72
17/01/2024 09:20	11.3	273	7	14.9	0.0	28.2	71
17/01/2024 09:30	11.2	271	6	15.2	0.0	28.1	71
17/01/2024 09:40	11.3	269	6	15.0	0.0	28.2	71
17/01/2024 09:50	11.5	272	6	15.0	0.0	28.1	70
17/01/2024 10:00	10.5	267	8	13.7	0.0	28.5	69
17/01/2024 10:10	10.2	268	9	13.2	0.0	28.9	69
17/01/2024 10:20	11.0	273	8	14.5	0.0	28.9	71
17/01/2024 10:30	11.0	269	6	13.8	0.0	28.4	72
17/01/2024 10:40	10.2	267	7	13.4	0.1	28.5	71
17/01/2024 10:50	10.2	269	7	14.3	0.0	28.7	71
17/01/2024 11:00	11.1	272	7	14.1	0.0	28.4	72
17/01/2024 11:10	11.0	277	7	13.7	0.0	28.3	72
17/01/2024 11:20	10.5	279	7	13.5	0.0	28.6	72
17/01/2024 11:30	11.1	276	8	13.9	0.0	28.4	71
17/01/2024 11:40	11.1	276	7	15.0	0.0	28.6	71
17/01/2024 11:50	11.9	272	6	15.2	0.0	28.6	71
17/01/2024 12:00	11.2	272	6	13.9	0.0	28.4	72
17/01/2024 12:10	11.6	274	7	15.3	0.0	28.5	71
17/01/2024 12:20	11.8	273	7	14.9	0.0	28.5	71
17/01/2024 12:30	12.3	276	5	15.6	0.0	28.3	72
17/01/2024 12:40	12.1	277	6	15.2	0.0	28.4	72
17/01/2024 12:50	12.2	275	6	15.6	0.0	28.4	71
17/01/2024 13:00	12.0	275	8	15.3	0.0	28.6	70
17/01/2024 13:10	12.1	273	8	15.9	0.0	28.2	71
17/01/2024 13:20	12.3	270	6	15.7	0.0	28.3	72
17/01/2024 13:30	12.1	270	7	14.9	0.0	28.4	70
17/01/2024 13:40	12.8	277	5	15.5	0.0	28.0	71
17/01/2024 13:50	12.1	276	6	15.6	0.0	28.0	70
17/01/2024 14:00	11.3	274	7	14.1	0.0	28.4	68
17/01/2024 14:10	11.6	275	6	14.7	0.0	28.3	69
17/01/2024 14:20	11.0	276	5	14.1	0.0	28.5	67
17/01/2024 14:30	10.8	277	7	13.9	0.0	28.6	67
17/01/2024 14:40	11.0	277	6	13.6	0.0	28.6	66
17/01/2024 14:50	11.0	273	7	13.5	0.0	28.7	66
17/01/2024 15:00	11.1	274	5	13.8	0.0	28.7	66
17/01/2024 15:10	10.9	272	6	13.6	0.0	28.8	66
17/01/2024 15:20	11.0	275	7	13.9	0.0	28.6	66
17/01/2024 15:30	10.6	277	7	13.4	0.0	29.1	63
17/01/2024 15:40	10.5	280	8	13.7	0.0	29.0	63
17/01/2024 15:50	10.0	278	7	13.2	0.0	29.3	61
17/01/2024 16:00	9.9	282	7	13.3	0.0	29.4	60
17/01/2024 16:10	10.7	276	7	14.9	0.0	29.4	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/01/2024 16:20	10.4	273	7	13.6	0.0	29.7	57
17/01/2024 16:30	9.5	275	7	12.4	0.0	29.7	56
17/01/2024 16:40	8.9	279	8	13.1	0.0	30.2	53
17/01/2024 16:50	9.3	275	7	12.2	0.0	30.5	50
17/01/2024 17:00	8.9	274	7	12.2	0.0	30.4	49
17/01/2024 17:10	8.6	283	9	11.4	0.0	30.1	52
17/01/2024 17:20	9.1	297	7	11.5	0.0	29.0	59
17/01/2024 17:30	8.6	297	8	11.9	0.0	28.6	62
17/01/2024 17:40	8.3	296	9	11.1	0.0	28.7	62
17/01/2024 17:50	8.5	292	8	11.2	0.0	28.6	64
17/01/2024 18:00	9.0	293	8	12.0	0.0	28.2	65
17/01/2024 18:10	8.8	291	7	11.4	0.0	28.0	66
17/01/2024 18:20	9.0	291	6	11.5	0.0	27.8	68
17/01/2024 18:30	9.4	293	7	11.8	0.0	27.6	69
17/01/2024 18:40	9.7	288	6	12.5	0.0	27.4	70
17/01/2024 18:50	9.7	292	6	12.5	0.0	27.2	70
17/01/2024 19:00	8.8	290	7	12.4	0.0	27.1	71
17/01/2024 19:10	8.7	284	6	11.7	0.0	27.0	71
17/01/2024 19:20	8.6	288	8	11.2	0.0	27.0	71
17/01/2024 19:30	9.0	285	7	11.8	0.0	26.9	72
17/01/2024 19:40	8.4	284	8	11.4	0.0	26.8	73
17/01/2024 19:50	8.8	282	7	12.0	0.0	26.8	73
17/01/2024 20:00	9.6	276	7	12.5	0.0	26.7	74
17/01/2024 20:10	8.7	269	8	11.2	0.0	26.7	76
17/01/2024 20:20	9.0	263	8	11.4	0.0	26.6	77
17/01/2024 20:30	7.9	270	7	9.8	0.0	26.6	77
17/01/2024 20:40	8.0	271	6	10.7	0.0	26.6	77
17/01/2024 20:50	7.9	273	7	10.4	0.0	26.7	77
17/01/2024 21:00	8.2	278	7	11.2	0.0	26.9	75
17/01/2024 21:10	9.2	278	6	13.3	0.0	26.9	75
17/01/2024 21:20	9.7	279	6	12.3	0.0	26.8	75
17/01/2024 21:30	9.7	279	6	12.9	0.0	26.8	76
17/01/2024 21:40	9.9	278	6	12.6	0.0	26.8	76
17/01/2024 21:50	9.2	280	6	11.8	0.0	26.8	77
17/01/2024 22:00	8.3	284	8	11.4	0.0	26.7	77
17/01/2024 22:10	7.8	283	7	11.2	0.0	26.7	77
17/01/2024 22:20	8.5	292	8	10.9	0.0	26.7	77
17/01/2024 22:30	7.4	287	8	10.4	0.0	26.6	77
17/01/2024 22:40	8.0	277	7	10.7	0.0	26.6	77
17/01/2024 22:50	8.8	277	6	11.4	0.0	26.5	78
17/01/2024 23:00	8.1	285	7	10.5	0.0	26.5	78
17/01/2024 23:10	9.2	276	7	12.1	0.0	26.4	79
17/01/2024 23:20	8.7	272	6	11.7	0.0	26.4	80
17/01/2024 23:30	8.3	276	6	11.1	0.0	26.4	81
17/01/2024 23:40	9.0	275	6	11.1	0.0	26.4	82
17/01/2024 23:50	9.3	270	6	12.0	0.0	26.3	82
18/01/2024 00:00	9.3	274	5	12.0	0.0	26.3	82
18/01/2024 00:10	8.9	274	5	11.9	0.0	26.2	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/01/2024 00:20	9.1	275	6	12.1	0.0	26.2	83
18/01/2024 00:30	9.0	272	6	12.2	0.0	26.2	83
18/01/2024 00:40	9.1	271	5	11.8	0.0	26.2	83
18/01/2024 00:50	8.4	268	5	10.8	0.0	26.2	84
18/01/2024 01:00	9.0	265	6	11.6	0.0	26.4	83
18/01/2024 01:10	9.1	264	6	11.6	0.0	26.5	81
18/01/2024 01:20	9.3	263	6	12.5	0.0	26.5	80
18/01/2024 01:30	9.5	262	5	11.6	0.0	26.5	79
18/01/2024 01:40	8.2	263	7	10.8	0.0	26.5	80
18/01/2024 01:50	8.5	266	6	11.0	0.0	26.5	81
18/01/2024 02:00	8.3	265	6	10.9	0.0	26.5	81
18/01/2024 02:10	8.5	262	6	11.2	0.0	26.4	82
18/01/2024 02:20	8.8	258	6	11.7	0.0	26.4	81
18/01/2024 02:30	8.4	264	5	11.3	0.0	26.4	82
18/01/2024 02:40	8.1	264	6	10.6	0.0	26.4	82
18/01/2024 02:50	7.6	266	6	10.0	0.0	26.4	83
18/01/2024 03:00	7.7	263	6	9.7	0.0	26.4	81
18/01/2024 03:10	7.4	267	6	9.4	0.0	26.5	81
18/01/2024 03:20	7.4	265	6	9.7	0.0	26.6	80
18/01/2024 03:30	7.1	266	5	9.1	0.0	26.6	80
18/01/2024 03:40	7.2	267	7	9.2	0.0	26.6	80
18/01/2024 03:50	6.8	263	6	8.5	0.0	26.7	79
18/01/2024 04:00	6.0	267	6	8.1	0.0	26.6	80
18/01/2024 04:10	6.3	266	6	8.2	0.0	26.6	80
18/01/2024 04:20	5.6	271	6	7.4	0.0	26.6	80
18/01/2024 04:30	5.9	274	6	8.3	0.0	26.7	80
18/01/2024 04:40	5.9	276	7	8.0	0.0	26.7	81
18/01/2024 04:50	5.3	275	7	7.2	0.0	26.7	81
18/01/2024 05:00	6.1	275	6	8.6	0.0	26.7	80
18/01/2024 05:10	6.3	274	6	7.8	0.0	26.7	80
18/01/2024 05:20	6.6	275	5	8.4	0.0	26.7	82
18/01/2024 05:30	6.4	272	6	8.2	0.0	26.7	81
18/01/2024 05:40	6.5	274	6	8.5	0.0	26.7	81
18/01/2024 05:50	6.6	273	6	8.6	0.0	26.7	81
18/01/2024 06:00	6.9	267	6	9.0	0.0	26.7	81
18/01/2024 06:10	6.8	267	6	8.7	0.0	26.7	80
18/01/2024 06:20	6.1	270	6	8.1	0.0	26.8	80
18/01/2024 06:30	7.2	267	6	9.4	0.0	26.8	79
18/01/2024 06:40	7.2	266	6	9.2	0.0	26.8	78
18/01/2024 06:50	7.2	269	5	9.5	0.0	26.9	77
18/01/2024 07:00	6.9	267	6	9.0	0.0	27.2	76
18/01/2024 07:10	7.0	265	6	9.3	0.0	27.5	75
18/01/2024 07:20	7.3	270	6	9.3	0.0	27.6	75
18/01/2024 07:30	7.8	274	8	11.1	0.0	27.8	74
18/01/2024 07:40	7.6	271	6	10.0	0.0	28.0	73
18/01/2024 07:50	8.3	270	6	10.3	0.0	27.8	73
18/01/2024 08:00	8.1	272	6	10.0	0.0	28.1	72
18/01/2024 08:10	8.4	270	6	10.9	0.0	28.3	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/01/2024 08:20	8.6	272	7	10.9	0.0	28.4	71
18/01/2024 08:30	8.3	270	8	10.7	0.0	28.5	71
18/01/2024 08:40	8.1	268	8	10.0	0.0	28.6	71
18/01/2024 08:50	8.0	266	8	10.0	0.0	28.7	69
18/01/2024 09:00	8.5	271	7	10.8	0.0	28.9	68
18/01/2024 09:10	8.2	271	9	10.5	0.0	29.1	68
18/01/2024 09:20	8.1	274	9	10.5	0.0	29.4	66
18/01/2024 09:30	8.4	274	7	10.8	0.0	29.2	67
18/01/2024 09:40	8.4	275	6	10.4	0.0	29.5	67
18/01/2024 09:50	8.1	271	7	9.9	0.0	29.6	66
18/01/2024 10:00	7.4	279	9	9.8	0.0	30.1	64
18/01/2024 10:10	7.8	275	7	9.5	0.0	30.0	64
18/01/2024 10:20	7.8	275	8	9.6	0.0	30.0	64
18/01/2024 10:30	7.4	280	9	9.1	0.0	30.4	62
18/01/2024 10:40	7.6	276	6	8.9	0.0	30.2	63
18/01/2024 10:50	7.3	278	8	9.3	0.0	30.3	63
18/01/2024 11:00	7.4	274	7	9.1	0.0	30.4	62
18/01/2024 11:10	7.4	276	8	9.5	0.0	30.6	62
18/01/2024 11:20	7.3	275	10	9.2	0.0	30.7	62
18/01/2024 11:30	7.4	267	9	9.7	0.0	30.7	64
18/01/2024 11:40	8.0	266	6	10.1	0.0	30.2	65
18/01/2024 11:50	8.1	266	8	9.9	0.0	30.5	63
18/01/2024 12:00	8.5	260	7	10.5	0.0	30.3	65
18/01/2024 12:10	8.5	266	8	10.5	0.0	30.3	65
18/01/2024 12:20	8.6	265	8	10.8	0.0	30.0	67
18/01/2024 12:30	8.4	268	8	10.2	0.0	30.6	65
18/01/2024 12:40	8.3	269	6	10.7	0.0	30.4	65
18/01/2024 12:50	7.9	266	6	9.5	0.0	30.4	65
18/01/2024 13:00	8.1	270	7	10.2	0.0	30.8	63
18/01/2024 13:10	7.9	270	9	10.1	0.0	30.7	64
18/01/2024 13:20	7.2	275	11	9.4	0.0	31.2	62
18/01/2024 13:30	6.7	295	14	9.1	0.0	31.2	64
18/01/2024 13:40	7.2	306	11	10.2	0.0	30.5	66
18/01/2024 13:50	8.0	311	8	11.4	0.0	29.7	69
18/01/2024 14:00	8.2	309	10	10.9	0.0	29.7	68
18/01/2024 14:10	7.9	293	9	10.5	0.0	30.3	65
18/01/2024 14:20	8.3	290	7	10.6	0.0	30.4	64
18/01/2024 14:30	8.0	290	9	11.5	0.0	30.5	64
18/01/2024 14:40	8.9	289	7	10.6	0.0	29.7	67
18/01/2024 14:50	8.8	288	6	11.0	0.0	29.9	65
18/01/2024 15:00	7.9	304	10	11.6	0.0	29.6	67
18/01/2024 15:10	8.0	290	9	10.7	0.0	29.8	66
18/01/2024 15:20	8.4	289	7	11.2	0.0	29.7	66
18/01/2024 15:30	8.7	288	7	11.2	0.0	29.7	65
18/01/2024 15:40	9.1	294	6	11.0	0.0	29.4	66
18/01/2024 15:50	9.3	293	6	11.1	0.0	29.5	66
18/01/2024 16:00	9.9	295	6	11.7	0.0	29.2	67
18/01/2024 16:10	8.9	300	6	11.5	0.0	29.1	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/01/2024 16:20	8.8	301	7	11.5	0.0	29.1	69
18/01/2024 16:30	8.7	298	7	11.7	0.0	29.1	69
18/01/2024 16:40	8.2	299	8	10.9	0.0	29.0	69
18/01/2024 16:50	8.7	294	8	10.7	0.0	29.2	68
18/01/2024 17:00	7.7	290	9	11.3	0.0	29.7	66
18/01/2024 17:10	8.1	276	7	10.5	0.0	29.5	67
18/01/2024 17:20	9.2	267	6	11.0	0.0	29.0	68
18/01/2024 17:30	10.3	270	7	12.8	0.0	28.8	68
18/01/2024 17:40	9.9	272	7	12.9	0.0	28.5	69
18/01/2024 17:50	10.4	269	6	12.8	0.0	28.2	70
18/01/2024 18:00	10.1	273	7	12.8	0.0	28.0	72
18/01/2024 18:10	9.3	275	7	12.6	0.0	28.0	74
18/01/2024 18:20	9.7	276	7	12.9	0.0	27.5	76
18/01/2024 18:30	8.8	274	7	12.1	0.0	27.5	77
18/01/2024 18:40	8.7	274	6	11.2	0.0	27.3	78
18/01/2024 18:50	8.8	279	6	11.0	0.0	27.1	79
18/01/2024 19:00	8.4	274	6	11.3	0.0	27.1	80
18/01/2024 19:10	8.8	273	6	10.7	0.0	26.9	81
18/01/2024 19:20	8.9	276	5	11.2	0.0	26.8	82
18/01/2024 19:30	8.5	275	6	10.5	0.0	26.8	83
18/01/2024 19:40	8.8	272	6	11.0	0.0	26.8	83
18/01/2024 19:50	9.0	271	5	10.6	0.0	26.8	83
18/01/2024 20:00	7.6	266	6	10.4	0.0	27.0	82
18/01/2024 20:10	7.7	256	8	10.9	0.0	27.2	80
18/01/2024 20:20	7.6	257	7	9.8	0.0	27.5	77
18/01/2024 20:30	8.2	262	6	10.6	0.0	27.6	77
18/01/2024 20:40	6.5	267	8	9.2	0.0	27.6	78
18/01/2024 20:50	6.9	271	7	9.5	0.0	27.6	79
18/01/2024 21:00	6.1	274	7	8.3	0.0	27.7	78
18/01/2024 21:10	6.2	277	7	8.2	0.0	27.8	78
18/01/2024 21:20	6.9	276	5	8.6	0.0	27.9	78
18/01/2024 21:30	6.7	271	6	8.5	0.0	27.9	78
18/01/2024 21:40	6.9	280	5	8.7	0.0	28.0	78
18/01/2024 21:50	7.1	278	6	9.0	0.0	27.9	79
18/01/2024 22:00	7.2	278	6	9.5	0.0	27.9	79
18/01/2024 22:10	7.3	279	6	9.3	0.0	27.9	79
18/01/2024 22:20	8.0	276	6	10.0	0.0	27.8	79
18/01/2024 22:30	8.2	274	5	10.8	0.0	27.8	80
18/01/2024 22:40	7.6	274	6	9.8	0.0	27.7	80
18/01/2024 22:50	7.3	276	5	9.6	0.0	27.7	80
18/01/2024 23:00	7.3	278	6	9.0	0.0	27.6	81
18/01/2024 23:10	7.0	275	7	9.0	0.0	27.5	82
18/01/2024 23:20	7.2	275	5	9.4	0.0	27.4	82
18/01/2024 23:30	8.4	276	5	10.4	0.0	27.3	83
18/01/2024 23:40	6.9	272	7	9.1	0.0	27.2	84
18/01/2024 23:50	6.2	271	7	7.9	0.0	27.2	84
19/01/2024 00:00	5.7	270	6	7.5	0.0	27.2	85
19/01/2024 00:10	5.5	275	5	7.0	0.0	27.3	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/01/2024 00:20	5.3	273	7	6.8	0.0	27.3	85
19/01/2024 00:30	5.4	278	6	7.7	0.0	27.3	85
19/01/2024 00:40	6.0	276	6	8.0	0.0	27.2	86
19/01/2024 00:50	6.1	276	6	7.8	0.0	27.1	87
19/01/2024 01:00	5.6	273	5	7.2	0.0	27.1	87
19/01/2024 01:10	5.0	278	5	6.5	0.0	27.1	88
19/01/2024 01:20	4.7	279	7	5.9	0.0	27.1	88
19/01/2024 01:30	4.7	284	7	6.3	0.0	27.2	88
19/01/2024 01:40	4.9	285	6	6.3	0.0	27.1	88
19/01/2024 01:50	4.9	276	6	6.0	0.0	27.2	88
19/01/2024 02:00	4.6	279	5	6.2	0.0	27.3	88
19/01/2024 02:10	5.1	279	5	6.6	0.0	27.4	87
19/01/2024 02:20	5.2	277	5	6.6	0.0	27.5	86
19/01/2024 02:30	4.5	273	7	6.0	0.0	27.5	86
19/01/2024 02:40	5.3	281	5	6.6	0.0	27.5	86
19/01/2024 02:50	5.5	278	6	6.9	0.0	27.5	86
19/01/2024 03:00	5.8	278	6	7.3	0.0	27.5	87
19/01/2024 03:10	5.8	278	6	7.8	0.0	27.4	87
19/01/2024 03:20	6.2	275	6	8.1	0.0	27.4	85
19/01/2024 03:30	7.3	277	5	9.2	0.0	27.4	84
19/01/2024 03:40	6.7	273	6	8.8	0.0	27.4	84
19/01/2024 03:50	6.7	270	7	8.6	0.0	27.5	83
19/01/2024 04:00	6.3	269	6	8.7	0.0	27.4	83
19/01/2024 04:10	6.9	269	6	8.6	0.0	27.4	82
19/01/2024 04:20	6.7	269	6	8.2	0.0	27.3	82
19/01/2024 04:30	5.9	273	5	7.7	0.0	27.3	81
19/01/2024 04:40	5.7	271	5	6.9	0.0	27.4	80
19/01/2024 04:50	5.0	268	5	6.4	0.0	27.5	79
19/01/2024 05:00	4.5	274	6	5.6	0.0	27.6	78
19/01/2024 05:10	4.2	280	7	5.4	0.0	27.6	78
19/01/2024 05:20	3.9	285	6	5.0	0.0	27.7	79
19/01/2024 05:30	4.0	279	6	4.9	0.0	27.6	80
19/01/2024 05:40	3.8	292	7	5.4	0.0	27.6	81
19/01/2024 05:50	4.0	293	7	5.2	0.0	27.6	81
19/01/2024 06:00	3.8	288	7	5.3	0.0	27.6	81
19/01/2024 06:10	4.0	279	7	5.0	0.0	27.6	81
19/01/2024 06:20	3.8	281	7	5.1	0.0	27.7	82
19/01/2024 06:30	3.6	290	7	5.1	0.0	27.8	82
19/01/2024 06:40	4.0	290	8	5.0	0.0	27.8	81
19/01/2024 06:50	3.6	299	10	5.1	0.0	27.9	82
19/01/2024 07:00	4.9	291	7	6.2	0.0	28.0	78
19/01/2024 07:10	4.4	303	9	6.0	0.0	28.1	77
19/01/2024 07:20	4.8	311	8	6.3	0.0	27.6	83
19/01/2024 07:30	4.8	307	9	6.5	0.0	27.5	83
19/01/2024 07:40	4.2	303	12	6.5	0.0	27.7	82
19/01/2024 07:50	4.7	298	9	6.0	0.0	28.0	80
19/01/2024 08:00	5.0	302	12	6.8	0.0	28.1	80
19/01/2024 08:10	4.9	303	12	7.2	0.0	28.2	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/01/2024 08:20	5.2	298	11	7.5	0.0	28.0	79
19/01/2024 08:30	5.5	307	9	7.9	0.0	27.8	80
19/01/2024 08:40	5.3	290	8	7.0	0.0	28.5	77
19/01/2024 08:50	5.5	301	9	7.3	0.0	28.7	75
19/01/2024 09:00	5.4	294	10	7.4	0.0	28.9	74
19/01/2024 09:10	5.4	293	9	7.2	0.0	29.4	71
19/01/2024 09:20	5.7	292	10	7.9	0.0	29.6	70
19/01/2024 09:30	6.1	293	9	8.4	0.0	29.5	70
19/01/2024 09:40	5.8	292	9	7.6	0.0	29.7	70
19/01/2024 09:50	6.1	291	8	8.1	0.0	29.5	70
19/01/2024 10:00	6.7	297	7	8.6	0.0	29.5	71
19/01/2024 10:10	6.3	292	8	8.9	0.0	29.6	70
19/01/2024 10:20	7.8	273	6	9.5	0.0	30.3	64
19/01/2024 10:30	7.2	270	8	9.4	0.0	30.5	64
19/01/2024 10:40	7.4	265	6	9.3	0.0	30.2	66
19/01/2024 10:50	6.9	278	9	9.0	0.0	30.7	65
19/01/2024 11:00	6.2	285	10	9.1	0.0	31.0	64
19/01/2024 11:10	6.5	279	12	9.1	0.0	31.0	62
19/01/2024 11:20	6.7	271	7	8.3	0.0	31.5	59
19/01/2024 11:30	6.4	290	10	8.6	0.0	31.4	63
19/01/2024 11:40	6.1	287	8	7.5	0.0	31.1	65
19/01/2024 11:50	6.2	290	8	7.8	0.0	31.4	65
19/01/2024 12:00	6.2	290	11	8.9	0.0	31.4	64
19/01/2024 12:10	6.5	286	9	8.7	0.0	31.5	64
19/01/2024 12:20	6.1	289	10	8.4	0.0	31.4	64
19/01/2024 12:30	6.6	287	8	9.0	0.0	31.3	64
19/01/2024 12:40	6.6	287	8	8.5	0.0	31.3	63
19/01/2024 12:50	6.4	285	8	8.3	0.0	31.5	62
19/01/2024 13:00	7.1	284	9	9.0	0.0	31.2	63
19/01/2024 13:10	6.6	286	9	8.5	0.0	31.5	62
19/01/2024 13:20	6.6	288	7	8.4	0.0	31.5	62
19/01/2024 13:30	6.7	290	7	8.6	0.0	31.4	63
19/01/2024 13:40	6.9	288	9	8.6	0.0	31.5	62
19/01/2024 13:50	6.1	295	12	8.0	0.0	31.8	60
19/01/2024 14:00	5.9	299	13	7.9	0.0	31.9	60
19/01/2024 14:10	6.2	299	13	8.6	0.0	31.6	61
19/01/2024 14:20	6.0	299	10	8.7	0.0	31.8	60
19/01/2024 14:30	6.3	293	11	9.1	0.0	32.0	59
19/01/2024 14:40	6.6	306	11	9.5	0.0	31.4	61
19/01/2024 14:50	7.2	294	10	9.7	0.0	31.5	61
19/01/2024 15:00	7.8	289	7	9.9	0.0	31.0	62
19/01/2024 15:10	7.9	291	7	10.3	0.0	31.0	62
19/01/2024 15:20	7.9	292	7	10.1	0.0	30.9	61
19/01/2024 15:30	7.8	290	6	9.6	0.0	30.9	61
19/01/2024 15:40	7.8	287	6	9.9	0.0	31.1	60
19/01/2024 15:50	8.0	286	6	10.0	0.0	31.0	60
19/01/2024 16:00	7.9	286	7	10.1	0.0	30.9	62
19/01/2024 16:10	8.0	287	6	9.8	0.0	30.5	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/01/2024 16:20	7.8	285	6	9.3	0.0	30.5	64
19/01/2024 16:30	7.6	286	6	9.7	0.0	30.3	65
19/01/2024 16:40	7.7	287	6	9.5	0.0	30.2	65
19/01/2024 16:50	7.8	292	6	9.6	0.0	30.0	67
19/01/2024 17:00	7.3	287	8	9.1	0.0	29.6	69
19/01/2024 17:10	7.5	270	8	9.6	0.0	30.1	68
19/01/2024 17:20	8.5	270	7	11.0	0.0	29.6	69
19/01/2024 17:30	9.7	268	7	11.8	0.0	29.0	70
19/01/2024 17:40	8.5	265	8	10.6	0.0	28.3	75
19/01/2024 17:50	7.3	269	7	9.0	0.0	28.6	74
19/01/2024 18:00	6.6	287	7	8.6	0.0	29.2	72
19/01/2024 18:10	7.0	293	8	9.2	0.0	28.8	73
19/01/2024 18:20	5.9	290	8	8.3	0.0	28.7	72
19/01/2024 18:30	5.9	287	9	8.5	0.0	29.1	70
19/01/2024 18:40	5.8	287	10	7.9	0.0	29.1	69
19/01/2024 18:50	5.6	305	12	8.0	0.0	29.0	70
19/01/2024 19:00	5.3	310	8	7.3	0.0	28.6	73
19/01/2024 19:10	5.5	311	10	7.4	0.0	28.2	76
19/01/2024 19:20	6.1	309	7	8.3	0.0	27.9	77
19/01/2024 19:30	6.9	312	7	9.1	0.0	27.8	77
19/01/2024 19:40	6.6	306	9	9.6	0.0	27.6	77
19/01/2024 19:50	5.9	298	11	8.0	0.0	27.7	76
19/01/2024 20:00	5.1	294	10	7.3	0.0	27.6	77
19/01/2024 20:10	5.3	294	9	7.4	0.0	27.5	77
19/01/2024 20:20	5.9	295	8	8.3	0.0	27.5	78
19/01/2024 20:30	5.0	304	11	7.3	0.0	27.3	79
19/01/2024 20:40	6.2	306	8	8.5	0.0	27.1	81
19/01/2024 20:50	5.6	310	11	8.6	0.0	27.0	81
19/01/2024 21:00	6.1	310	8	8.0	0.0	26.9	82
19/01/2024 21:10	5.2	312	10	7.7	0.0	26.9	82
19/01/2024 21:20	5.0	305	12	8.1	0.0	26.9	82
19/01/2024 21:30	5.9	304	10	8.6	0.0	26.8	82
19/01/2024 21:40	6.0	292	9	8.1	0.0	26.8	82
19/01/2024 21:50	6.5	293	8	8.5	0.0	26.8	82
19/01/2024 22:00	6.9	289	7	9.2	0.0	26.7	83
19/01/2024 22:10	7.0	287	7	9.5	0.0	26.6	83
19/01/2024 22:20	7.9	287	6	10.2	0.0	26.5	84
19/01/2024 22:30	7.5	288	7	10.0	0.0	26.5	83
19/01/2024 22:40	8.0	287	6	11.6	0.0	26.4	83
19/01/2024 22:50	7.7	289	6	10.2	0.0	26.4	83
19/01/2024 23:00	7.5	286	7	10.4	0.0	26.4	84
19/01/2024 23:10	7.8	284	7	10.1	0.0	26.3	84
19/01/2024 23:20	7.6	281	6	10.2	0.0	26.3	84
19/01/2024 23:30	7.0	279	6	9.0	0.0	26.3	85
19/01/2024 23:40	6.4	288	7	8.1	0.0	26.2	85
19/01/2024 23:50	7.3	286	5	9.0	0.0	26.1	85
20/01/2024 00:00	6.8	289	7	8.8	0.0	26.1	85
20/01/2024 00:10	6.3	290	7	8.1	0.0	26.2	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/01/2024 00:20	5.2	292	10	8.3	0.0	26.2	86
20/01/2024 00:30	6.6	289	6	9.0	0.0	26.1	87
20/01/2024 00:40	6.7	285	6	8.9	0.0	26.0	87
20/01/2024 00:50	6.6	287	6	8.8	0.0	26.0	87
20/01/2024 01:00	5.9	299	9	8.1	0.0	26.0	87
20/01/2024 01:10	5.7	300	9	7.8	0.0	26.1	87
20/01/2024 01:20	6.8	287	7	9.2	0.0	26.0	87
20/01/2024 01:30	7.1	280	5	9.0	0.0	26.0	87
20/01/2024 01:40	7.3	289	8	9.2	0.0	25.9	86
20/01/2024 01:50	7.5	288	7	10.0	0.0	25.9	86
20/01/2024 02:00	7.4	287	7	9.8	0.0	25.8	87
20/01/2024 02:10	8.0	288	6	10.1	0.0	25.8	87
20/01/2024 02:20	7.8	284	7	10.1	0.0	25.7	86
20/01/2024 02:30	7.7	284	7	10.4	0.0	25.7	86
20/01/2024 02:40	7.7	280	6	9.6	0.0	25.7	86
20/01/2024 02:50	6.1	286	8	8.9	0.0	25.7	86
20/01/2024 03:00	7.3	289	6	9.1	0.0	25.7	86
20/01/2024 03:10	6.8	288	7	9.0	0.0	25.7	86
20/01/2024 03:20	6.4	288	8	8.9	0.0	25.7	86
20/01/2024 03:30	7.2	286	6	9.2	0.0	25.8	86
20/01/2024 03:40	7.0	293	6	9.3	0.0	25.8	85
20/01/2024 03:50	5.7	294	9	7.6	0.0	25.8	86
20/01/2024 04:00	6.2	294	11	8.9	0.0	25.7	87
20/01/2024 04:10	5.9	293	9	7.6	0.0	25.7	86
20/01/2024 04:20	6.7	292	7	8.7	0.0	25.7	86
20/01/2024 04:30	7.4	287	6	9.4	0.0	25.7	87
20/01/2024 04:40	8.0	285	6	10.2	0.0	25.6	87
20/01/2024 04:50	7.0	284	7	9.5	0.0	25.6	87
20/01/2024 05:00	7.8	287	6	10.1	0.0	25.5	86
20/01/2024 05:10	7.2	283	7	9.2	0.0	25.5	86
20/01/2024 05:20	7.1	284	6	9.4	0.0	25.5	87
20/01/2024 05:30	6.9	287	7	8.8	0.0	25.4	87
20/01/2024 05:40	6.6	281	7	8.9	0.0	25.4	87
20/01/2024 05:50	6.5	285	7	8.5	0.0	25.4	87
20/01/2024 06:00	6.5	284	7	9.1	0.0	25.4	87
20/01/2024 06:10	7.0	284	7	8.7	0.0	25.4	87
20/01/2024 06:20	6.8	278	5	9.0	0.0	25.5	87
20/01/2024 06:30	6.6	283	6	8.6	0.0	25.5	87
20/01/2024 06:40	6.2	285	8	8.4	0.0	25.6	86
20/01/2024 06:50	6.0	276	7	7.6	0.0	25.8	86
20/01/2024 07:00	6.2	277	6	8.0	0.0	26.0	85
20/01/2024 07:10	6.1	276	6	7.7	0.0	26.0	85
20/01/2024 07:20	5.4	277	9	7.1	0.0	26.3	85
20/01/2024 07:30	5.5	285	10	7.5	0.0	26.6	84
20/01/2024 07:40	5.8	277	10	8.1	0.0	26.7	83
20/01/2024 07:50	5.3	282	10	7.2	0.0	27.0	82
20/01/2024 08:00	5.5	279	10	7.7	0.0	27.4	80
20/01/2024 08:10	5.4	284	10	7.8	0.0	27.4	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/01/2024 08:20	4.5	292	12	6.6	0.0	27.6	79
20/01/2024 08:30	5.6	287	11	7.2	0.0	27.8	78
20/01/2024 08:40	5.9	286	9	7.6	0.0	27.5	79
20/01/2024 08:50	5.3	290	8	7.3	0.0	27.9	77
20/01/2024 09:00	5.8	285	9	7.7	0.0	28.2	76
20/01/2024 09:10	6.1	290	8	8.1	0.0	28.3	75
20/01/2024 09:20	6.2	283	8	8.0	0.0	28.3	75
20/01/2024 09:30	6.1	286	7	7.5	0.0	28.5	74
20/01/2024 09:40	6.5	288	8	8.1	0.0	28.5	75
20/01/2024 09:50	6.1	284	10	8.3	0.0	28.8	74
20/01/2024 10:00	6.2	284	8	8.3	0.0	28.6	75
20/01/2024 10:10	6.2	289	8	8.3	0.0	28.7	75
20/01/2024 10:20	6.1	293	7	8.1	0.0	29.1	74
20/01/2024 10:30	6.7	279	10	8.5	0.0	29.2	73
20/01/2024 10:40	6.9	273	10	8.9	0.0	29.3	73
20/01/2024 10:50	7.0	272	9	9.6	0.0	29.5	72
20/01/2024 11:00	6.5	277	10	10.8	0.0	29.9	71
20/01/2024 11:10	6.6	286	9	9.4	0.0	29.7	71
20/01/2024 11:20	6.6	287	7	8.3	0.0	29.9	70
20/01/2024 11:30	6.9	284	6	8.7	0.0	29.6	72
20/01/2024 11:40	6.9	282	6	8.8	0.0	29.7	71
20/01/2024 11:50	6.8	279	7	8.7	0.0	29.7	71
20/01/2024 12:00	6.5	282	8	8.5	0.0	30.1	70
20/01/2024 12:10	6.4	279	8	8.3	0.0	30.4	68
20/01/2024 12:20	6.8	277	8	8.9	0.0	30.4	68
20/01/2024 12:30	6.4	276	7	8.2	0.0	30.8	66
20/01/2024 12:40	6.0	285	11	8.2	0.0	31.1	65
20/01/2024 12:50	5.9	279	9	8.1	0.0	31.4	63
20/01/2024 13:00	5.0	291	15	7.1	0.0	31.7	62
20/01/2024 13:10	5.7	318	12	8.1	0.0	31.2	63
20/01/2024 13:20	6.4	321	8	8.5	0.0	30.8	65
20/01/2024 13:30	6.5	316	12	8.8	0.0	30.4	67
20/01/2024 13:40	6.3	314	10	8.6	0.0	30.3	66
20/01/2024 13:50	6.6	312	9	9.1	0.0	30.6	65
20/01/2024 14:00	6.3	311	10	8.7	0.0	30.8	64
20/01/2024 14:10	6.0	309	12	8.7	0.0	30.7	64
20/01/2024 14:20	6.3	309	11	8.7	0.0	30.8	63
20/01/2024 14:30	7.6	323	7	10.2	0.0	30.2	66
20/01/2024 14:40	7.4	320	9	9.5	0.0	30.1	65
20/01/2024 14:50	7.9	315	9	11.1	0.0	30.2	64
20/01/2024 15:00	7.8	320	10	11.3	0.0	30.4	63
20/01/2024 15:10	7.7	321	10	10.3	0.0	30.4	65
20/01/2024 15:20	7.4	312	10	10.0	0.0	30.2	66
20/01/2024 15:30	6.9	313	9	10.1	0.0	30.2	68
20/01/2024 15:40	7.0	315	11	9.6	0.0	30.5	67
20/01/2024 15:50	7.4	312	9	10.5	0.0	30.2	67
20/01/2024 16:00	7.0	310	11	10.3	0.0	30.4	65
20/01/2024 16:10	7.5	314	10	10.5	0.0	30.5	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/01/2024 16:20	7.2	314	11	9.7	0.0	30.5	63
20/01/2024 16:30	7.6	313	9	10.3	0.0	30.2	65
20/01/2024 16:40	7.1	311	10	10.1	0.0	30.0	64
20/01/2024 16:50	7.5	312	10	10.3	0.0	29.9	65
20/01/2024 17:00	7.8	311	9	9.9	0.0	29.5	67
20/01/2024 17:10	8.0	300	8	10.7	0.0	29.2	69
20/01/2024 17:20	7.4	303	9	10.2	0.0	29.2	69
20/01/2024 17:30	7.7	310	8	10.2	0.0	28.9	71
20/01/2024 17:40	7.2	312	7	10.1	0.0	28.7	73
20/01/2024 17:50	7.0	299	8	9.5	0.0	28.7	73
20/01/2024 18:00	7.4	289	8	9.5	0.0	28.7	73
20/01/2024 18:10	7.6	290	6	9.6	0.0	28.4	74
20/01/2024 18:20	6.9	295	11	9.6	0.0	28.2	75
20/01/2024 18:30	7.3	292	7	9.4	0.0	28.0	75
20/01/2024 18:40	7.1	291	6	9.1	0.0	28.0	74
20/01/2024 18:50	6.2	303	11	8.8	0.0	27.8	77
20/01/2024 19:00	7.4	313	6	9.3	0.0	27.4	79
20/01/2024 19:10	8.0	313	5	10.4	0.0	27.2	80
20/01/2024 19:20	7.2	314	6	9.5	0.0	27.2	81
20/01/2024 19:30	7.3	311	8	9.7	0.0	27.2	81
20/01/2024 19:40	7.3	312	6	9.6	0.0	27.2	81
20/01/2024 19:50	7.5	311	7	9.8	0.0	27.1	82
20/01/2024 20:00	7.1	311	8	9.3	0.0	27.1	82
20/01/2024 20:10	6.9	311	7	9.3	0.0	27.1	82
20/01/2024 20:20	7.3	308	8	9.8	0.0	27.0	84
20/01/2024 20:30	6.6	310	8	9.4	0.0	27.0	84
20/01/2024 20:40	6.9	310	7	9.1	0.0	27.0	84
20/01/2024 20:50	6.9	311	7	9.1	0.0	26.9	84
20/01/2024 21:00	6.9	311	7	9.3	0.0	26.8	85
20/01/2024 21:10	6.4	312	7	9.1	0.0	26.8	85
20/01/2024 21:20	6.4	312	9	9.0	0.0	26.7	86
20/01/2024 21:30	6.4	318	8	9.1	0.0	26.7	86
20/01/2024 21:40	6.5	315	8	9.1	0.0	26.6	87
20/01/2024 21:50	7.1	312	7	9.9	0.0	26.5	87
20/01/2024 22:00	6.7	312	8	9.4	0.0	26.5	88
20/01/2024 22:10	6.5	312	9	9.8	0.0	26.5	88
20/01/2024 22:20	6.7	311	7	9.0	0.0	26.5	88
20/01/2024 22:30	6.3	312	7	8.9	0.0	26.4	88
20/01/2024 22:40	5.9	316	9	8.2	0.0	26.4	88
20/01/2024 22:50	6.0	311	8	8.4	0.0	26.3	88
20/01/2024 23:00	6.1	311	8	8.2	0.0	26.3	89
20/01/2024 23:10	5.6	310	9	8.6	0.0	26.3	89
20/01/2024 23:20	6.2	310	10	9.0	0.0	26.2	89
20/01/2024 23:30	5.4	310	11	7.9	0.0	26.2	89
20/01/2024 23:40	5.9	309	11	8.7	0.0	26.2	89
20/01/2024 23:50	6.0	308	9	8.2	0.0	26.2	89
21/01/2024 00:00	6.3	307	9	9.4	0.0	26.2	89
21/01/2024 00:10	7.1	310	9	9.5	0.0	26.1	89



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/01/2024 00:20	6.7	312	8	9.0	0.0	26.2	89
21/01/2024 00:30	6.9	312	7	9.6	0.0	26.1	89
21/01/2024 00:40	6.1	307	9	9.1	0.0	26.1	89
21/01/2024 00:50	7.2	311	8	9.9	0.0	26.1	89
21/01/2024 01:00	6.8	311	9	8.7	0.0	26.0	89
21/01/2024 01:10	6.8	311	8	9.4	0.0	26.0	89
21/01/2024 01:20	5.8	301	12	8.3	0.0	26.0	89
21/01/2024 01:30	5.9	301	12	9.1	0.0	26.0	89
21/01/2024 01:40	6.5	297	10	9.2	0.0	26.0	89
21/01/2024 01:50	6.5	293	8	8.5	0.0	26.0	88
21/01/2024 02:00	6.4	287	6	8.4	0.0	26.0	88
21/01/2024 02:10	5.9	289	7	8.2	0.0	26.0	87
21/01/2024 02:20	5.8	292	8	7.6	0.0	26.0	87
21/01/2024 02:30	5.7	293	8	7.3	0.0	26.0	87
21/01/2024 02:40	5.5	295	9	7.4	0.0	26.0	87
21/01/2024 02:50	4.4	292	9	6.5	0.0	26.0	88
21/01/2024 03:00	4.4	296	14	6.6	0.0	26.0	88
21/01/2024 03:10	4.9	293	8	6.9	0.0	25.9	88
21/01/2024 03:20	5.3	289	7	6.9	0.0	25.9	87
21/01/2024 03:30	5.3	288	7	7.7	0.0	25.9	87
21/01/2024 03:40	5.1	287	8	6.9	0.0	25.9	87
21/01/2024 03:50	5.2	290	7	7.1	0.0	25.9	87
21/01/2024 04:00	5.0	293	7	6.7	0.0	25.8	87
21/01/2024 04:10	4.5	289	8	6.3	0.0	25.8	87
21/01/2024 04:20	4.4	289	8	6.6	0.0	25.8	87
21/01/2024 04:30	4.4	286	8	5.8	0.0	25.8	87
21/01/2024 04:40	4.9	283	7	6.5	0.0	25.8	87
21/01/2024 04:50	4.7	279	7	6.1	0.0	25.8	87
21/01/2024 05:00	4.0	283	9	5.7	0.0	25.8	87
21/01/2024 05:10	4.0	277	6	5.2	0.0	25.7	86
21/01/2024 05:20	4.1	278	7	5.2	0.0	25.7	86
21/01/2024 05:30	3.7	276	8	5.0	0.0	25.7	86
21/01/2024 05:40	2.8	278	7	3.9	0.0	25.7	87
21/01/2024 05:50	2.0	295	9	3.0	0.0	25.7	87
21/01/2024 06:00	2.4	292	7	3.1	0.0	25.7	87
21/01/2024 06:10	2.0	293	7	2.9	0.0	25.7	87
21/01/2024 06:20	2.1	297	7	2.9	0.0	25.7	87
21/01/2024 06:30	1.7	299	9	2.4	0.0	25.8	87
21/01/2024 06:40	1.5	317	9	2.0	0.0	25.9	86
21/01/2024 06:50	1.6	322	8	2.0	0.0	26.0	86
21/01/2024 07:00	1.3	338	10	1.8	0.0	26.2	85
21/01/2024 07:10	1.2	330	20	1.8	0.0	26.3	84
21/01/2024 07:20	1.4	312	14	2.0	0.0	26.4	84
21/01/2024 07:30	1.3	307	10	2.0	0.0	26.4	84
21/01/2024 07:40	1.4	292	19	2.1	0.0	26.6	83
21/01/2024 07:50	1.6	285	20	2.7	0.0	26.8	83
21/01/2024 08:00	1.5	291	28	2.4	0.0	27.0	82
21/01/2024 08:10	1.3	286	24	2.1	0.0	27.1	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/01/2024 08:20	0.9	154	30	1.5	0.0	27.4	80
21/01/2024 08:30	0.6	236	43	1.4	0.0	27.8	79
21/01/2024 08:40	1.6	98	42	3.1	0.0	28.3	77
21/01/2024 08:50	3.0	126	16	5.0	0.0	28.4	75
21/01/2024 09:00	2.4	118	17	4.0	0.0	28.5	75
21/01/2024 09:10	2.7	90	17	4.0	0.0	28.6	75
21/01/2024 09:20	3.0	104	16	4.4	0.0	28.9	73
21/01/2024 09:30	3.6	93	15	5.3	0.0	28.9	74
21/01/2024 09:40	3.7	82	9	5.8	0.0	28.9	74
21/01/2024 09:50	3.4	90	17	4.9	0.0	29.0	74
21/01/2024 10:00	3.7	79	16	5.2	0.0	29.1	73
21/01/2024 10:10	3.3	75	16	5.2	0.0	29.5	72
21/01/2024 10:20	4.1	79	13	6.4	0.0	29.5	72
21/01/2024 10:30	4.8	81	8	7.4	0.0	29.4	72
21/01/2024 10:40	4.2	86	11	5.9	0.0	29.7	72
21/01/2024 10:50	4.4	87	8	6.6	0.0	30.1	70
21/01/2024 11:00	4.2	83	9	5.5	0.0	29.9	70
21/01/2024 11:10	4.0	80	13	5.8	0.0	30.1	69
21/01/2024 11:20	3.4	66	14	5.2	0.0	30.4	68
21/01/2024 11:30	3.2	23	25	6.2	0.0	30.8	67
21/01/2024 11:40	3.2	180	20	4.9	0.0	30.3	68
21/01/2024 11:50	2.7	17	22	4.4	0.0	30.9	66
21/01/2024 12:00	3.7	12	24	5.7	0.0	30.6	66
21/01/2024 12:10	4.1	181	19	5.8	0.0	30.8	66
21/01/2024 12:20	4.1	20	15	6.1	0.0	30.4	67
21/01/2024 12:30	3.8	11	18	5.5	0.0	30.7	65
21/01/2024 12:40	4.2	14	16	5.8	0.0	30.6	65
21/01/2024 12:50	4.3	14	12	6.2	0.0	30.7	65
21/01/2024 13:00	4.3	4	18	6.1	0.0	30.6	65
21/01/2024 13:10	4.2	17	14	6.0	0.0	30.7	65
21/01/2024 13:20	3.9	183	14	5.4	0.0	30.7	64
21/01/2024 13:30	4.8	184	10	6.3	0.0	31.1	63
21/01/2024 13:40	5.2	181	10	6.6	0.0	30.6	65
21/01/2024 13:50	5.1	5	15	7.2	0.0	30.8	64
21/01/2024 14:00	5.1	182	13	6.7	0.0	30.8	64
21/01/2024 14:10	5.1	356	13	7.1	0.0	31.0	63
21/01/2024 14:20	4.9	187	17	6.7	0.0	30.9	64
21/01/2024 14:30	4.8	4	13	6.8	0.0	30.9	63
21/01/2024 14:40	5.4	4	13	7.0	0.0	30.9	64
21/01/2024 14:50	6.1	179	8	7.6	0.0	30.6	65
21/01/2024 15:00	5.2	352	16	7.5	0.0	30.5	66
21/01/2024 15:10	5.4	176	12	7.7	0.0	30.5	66
21/01/2024 15:20	4.6	347	14	6.6	0.0	30.2	68
21/01/2024 15:30	5.2	333	12	7.3	0.0	29.7	70
21/01/2024 15:40	5.8	330	11	7.4	0.0	29.8	70
21/01/2024 15:50	5.2	330	12	7.0	0.0	29.4	71
21/01/2024 16:00	4.9	346	8	6.2	0.0	29.0	73
21/01/2024 16:10	4.4	340	16	6.5	0.0	29.3	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/01/2024 16:20	5.2	336	12	7.0	0.0	29.0	74
21/01/2024 16:30	5.1	345	10	6.9	0.0	28.8	75
21/01/2024 16:40	4.3	338	13	6.0	0.0	28.9	75
21/01/2024 16:50	4.6	329	8	6.0	0.0	28.8	76
21/01/2024 17:00	4.5	334	11	6.2	0.0	28.9	76
21/01/2024 17:10	4.8	320	12	6.6	0.0	28.8	76
21/01/2024 17:20	4.8	323	12	6.7	0.0	28.8	76
21/01/2024 17:30	5.1	326	10	7.2	0.0	28.7	77
21/01/2024 17:40	5.2	319	15	7.3	0.0	28.5	77
21/01/2024 17:50	4.5	323	13	6.3	0.0	28.4	78
21/01/2024 18:00	4.6	327	9	6.3	0.0	28.2	79
21/01/2024 18:10	4.4	319	11	5.7	0.0	28.2	79
21/01/2024 18:20	4.2	329	12	5.9	0.0	28.2	79
21/01/2024 18:30	3.7	336	12	5.0	0.0	28.1	79
21/01/2024 18:40	3.5	323	14	5.0	0.0	28.0	80
21/01/2024 18:50	3.5	327	15	5.4	0.0	27.9	80
21/01/2024 19:00	3.9	320	12	6.0	0.0	27.8	80
21/01/2024 19:10	4.5	317	10	6.7	0.0	27.5	80
21/01/2024 19:20	3.8	314	15	5.3	0.0	27.5	81
21/01/2024 19:30	3.6	313	12	5.7	0.0	27.4	81
21/01/2024 19:40	3.4	301	12	4.9	0.0	27.3	82
21/01/2024 19:50	3.6	298	13	5.3	0.0	27.3	82
21/01/2024 20:00	3.7	291	10	5.1	0.0	27.3	82
21/01/2024 20:10	2.1	300	15	3.2	0.0	27.2	83
21/01/2024 20:20	1.6	328	20	2.2	0.0	27.2	83
21/01/2024 20:30	1.7	313	21	2.5	0.0	27.2	83
21/01/2024 20:40	1.5	314	12	2.2	0.0	27.2	83
21/01/2024 20:50	2.5	186	14	3.4	0.0	27.2	83
21/01/2024 21:00	2.5	179	14	3.5	0.0	27.1	84
21/01/2024 21:10	2.7	185	17	4.1	0.0	27.0	85
21/01/2024 21:20	2.2	342	26	3.4	0.0	27.0	85
21/01/2024 21:30	1.5	342	22	2.4	0.0	27.0	85
21/01/2024 21:40	2.5	353	14	3.9	0.0	26.9	86
21/01/2024 21:50	2.6	346	13	3.9	0.0	26.9	86
21/01/2024 22:00	2.5	346	16	4.0	0.0	26.9	86
21/01/2024 22:10	3.3	340	12	5.4	0.0	26.8	86
21/01/2024 22:20	3.7	338	13	5.9	0.0	26.7	87
21/01/2024 22:30	5.4	329	9	7.5	0.0	26.6	88
21/01/2024 22:40	6.7	329	8	9.0	0.0	26.5	89
21/01/2024 22:50	4.4	313	14	7.1	0.0	26.5	89
21/01/2024 23:00	4.7	315	12	7.1	0.0	26.4	89
21/01/2024 23:10	4.8	309	12	8.0	0.0	26.4	89
21/01/2024 23:20	4.9	310	11	7.0	0.0	26.2	89
21/01/2024 23:30	4.3	299	14	6.5	0.0	26.2	89
21/01/2024 23:40	4.4	298	14	6.7	0.0	26.2	89
21/01/2024 23:50	5.2	310	10	7.2	0.0	26.1	89
22/01/2024 00:00	3.7	320	12	5.5	0.0	26.1	89
22/01/2024 00:10	3.7	321	13	5.7	0.0	26.0	89



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/01/2024 00:20	4.0	322	13	5.8	0.0	26.0	89
22/01/2024 00:30	3.7	328	11	5.2	0.0	25.9	89
22/01/2024 00:40	3.5	318	10	5.0	0.0	25.9	89
22/01/2024 00:50	3.5	318	11	5.5	0.0	26.0	89
22/01/2024 01:00	3.7	320	11	5.7	0.0	26.0	89
22/01/2024 01:10	3.1	314	13	5.0	0.0	26.0	89
22/01/2024 01:20	3.7	322	9	5.2	0.0	26.0	89
22/01/2024 01:30	3.3	320	10	5.2	0.0	25.9	89
22/01/2024 01:40	3.5	312	11	5.9	0.0	25.9	88
22/01/2024 01:50	4.4	306	11	6.2	0.0	25.9	88
22/01/2024 02:00	3.5	304	12	4.9	0.0	26.0	88
22/01/2024 02:10	2.6	318	14	4.5	0.0	26.0	88
22/01/2024 02:20	2.5	330	15	3.9	0.0	26.0	87
22/01/2024 02:30	2.7	354	15	4.2	0.0	26.0	87
22/01/2024 02:40	2.0	342	16	3.5	0.0	26.0	87
22/01/2024 02:50	2.1	347	17	3.7	0.0	26.0	87
22/01/2024 03:00	2.2	355	12	3.3	0.0	26.0	87
22/01/2024 03:10	1.7	349	17	2.5	0.0	26.0	87
22/01/2024 03:20	1.9	176	17	2.7	0.0	26.0	87
22/01/2024 03:30	1.6	4	15	2.4	0.0	26.0	87
22/01/2024 03:40	1.5	21	17	2.4	0.0	26.0	87
22/01/2024 03:50	1.5	346	12	2.2	0.0	25.9	87
22/01/2024 04:00	2.0	27	13	2.7	0.0	25.9	87
22/01/2024 04:10	1.8	39	12	2.6	0.0	25.9	87
22/01/2024 04:20	2.2	41	8	3.1	0.0	25.9	87
22/01/2024 04:30	2.5	41	10	3.3	0.0	25.9	87
22/01/2024 04:40	2.0	45	11	3.1	0.0	25.9	87
22/01/2024 04:50	2.3	60	10	3.0	0.0	26.0	87
22/01/2024 05:00	2.8	71	8	3.9	0.0	26.0	86
22/01/2024 05:10	3.1	69	9	4.0	0.0	26.0	86
22/01/2024 05:20	2.7	58	8	3.6	0.0	26.1	86
22/01/2024 05:30	3.5	70	7	4.4	0.0	26.1	85
22/01/2024 05:40	3.9	76	6	4.9	0.0	26.2	85
22/01/2024 05:50	4.3	81	6	5.5	0.0	26.2	85
22/01/2024 06:00	3.4	82	9	5.2	0.0	26.3	84
22/01/2024 06:10	4.3	78	7	5.6	0.0	26.3	84
22/01/2024 06:20	5.1	75	7	6.6	0.0	26.4	84
22/01/2024 06:30	5.2	66	7	6.8	0.0	26.4	83
22/01/2024 06:40	5.4	67	9	7.4	0.0	26.5	83
22/01/2024 06:50	4.6	70	9	6.0	0.0	26.5	83
22/01/2024 07:00	5.2	64	8	7.1	0.0	26.7	82
22/01/2024 07:10	5.2	66	9	6.8	0.0	26.8	82
22/01/2024 07:20	4.9	64	10	7.1	0.0	27.0	81
22/01/2024 07:30	5.5	70	9	7.2	0.0	26.9	81
22/01/2024 07:40	4.8	68	8	6.5	0.0	26.8	81
22/01/2024 07:50	5.2	68	7	6.6	0.0	27.0	81
22/01/2024 08:00	4.8	64	9	6.5	0.0	27.2	80
22/01/2024 08:10	5.5	65	9	7.5	0.0	27.5	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/01/2024 08:20	5.6	71	8	8.1	0.0	27.6	79
22/01/2024 08:30	6.4	73	7	8.1	0.0	27.7	78
22/01/2024 08:40	6.3	68	9	8.8	0.0	28.1	77
22/01/2024 08:50	6.6	75	8	8.3	0.0	28.2	76
22/01/2024 09:00	6.7	69	8	9.1	0.0	28.4	76
22/01/2024 09:10	7.1	69	10	9.4	0.0	28.5	75
22/01/2024 09:20	6.2	59	9	8.6	0.0	28.7	74
22/01/2024 09:30	5.5	43	13	7.9	0.0	29.5	69
22/01/2024 09:40	6.1	24	15	8.5	0.0	29.6	70
22/01/2024 09:50	6.9	11	10	9.0	0.0	29.2	71
22/01/2024 10:00	5.0	13	15	7.8	0.0	29.6	69
22/01/2024 10:10	4.5	22	16	6.9	0.0	30.0	68
22/01/2024 10:20	4.6	42	14	7.0	0.0	30.0	67
22/01/2024 10:30	5.3	10	17	7.5	0.0	30.1	69
22/01/2024 10:40	5.2	2	13	7.1	0.0	29.8	71
22/01/2024 10:50	5.1	358	13	7.3	0.0	30.0	70
22/01/2024 11:00	5.1	180	14	7.2	0.0	30.1	69
22/01/2024 11:10	5.1	5	11	7.1	0.0	30.0	69
22/01/2024 11:20	5.2	183	16	6.8	0.0	30.0	69
22/01/2024 11:30	5.3	6	10	7.4	0.0	30.1	69
22/01/2024 11:40	5.5	6	12	7.6	0.0	30.0	69
22/01/2024 11:50	5.4	10	13	7.7	0.0	30.3	68
22/01/2024 12:00	5.3	12	13	7.3	0.0	30.1	69
22/01/2024 12:10	5.9	17	8	8.3	0.0	29.9	69
22/01/2024 12:20	5.8	21	11	8.1	0.0	30.4	66
22/01/2024 12:30	5.9	16	10	7.9	0.0	30.1	67
22/01/2024 12:40	5.6	17	12	7.9	0.0	29.9	68
22/01/2024 12:50	5.0	19	14	7.2	0.0	30.1	68
22/01/2024 13:00	5.4	10	14	7.6	0.0	30.0	68
22/01/2024 13:10	5.2	18	14	8.4	0.0	30.2	68
22/01/2024 13:20	5.7	11	14	8.1	0.0	30.2	68
22/01/2024 13:30	5.5	350	14	7.5	0.0	29.7	69
22/01/2024 13:40	6.1	328	13	8.3	0.0	29.2	71
22/01/2024 13:50	6.3	321	11	8.6	0.0	29.4	71
22/01/2024 14:00	5.7	318	12	8.0	0.0	29.4	71
22/01/2024 14:10	5.4	332	14	7.9	0.0	29.6	70
22/01/2024 14:20	4.6	335	12	7.0	0.0	29.8	68
22/01/2024 14:30	4.1	166	18	6.2	0.0	30.5	65
22/01/2024 14:40	5.3	23	14	7.6	0.0	30.2	66
22/01/2024 14:50	5.3	20	13	8.0	0.0	30.2	67
22/01/2024 15:00	5.3	184	18	7.8	0.0	30.6	66
22/01/2024 15:10	5.0	350	16	6.9	0.0	30.6	65
22/01/2024 15:20	4.6	347	15	7.5	0.0	30.6	64
22/01/2024 15:30	4.8	179	15	7.1	0.0	30.7	64
22/01/2024 15:40	4.3	346	15	6.5	0.0	30.3	65
22/01/2024 15:50	4.6	359	17	6.9	0.0	30.2	64
22/01/2024 16:00	4.4	12	20	6.1	0.0	30.3	65
22/01/2024 16:10	4.4	351	12	6.5	0.0	30.3	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/01/2024 16:20	4.9	346	15	7.4	0.0	30.5	63
22/01/2024 16:30	5.8	328	10	8.0	0.0	29.9	65
22/01/2024 16:40	5.8	337	14	7.9	0.0	29.0	70
22/01/2024 16:50	5.0	327	10	7.3	0.0	29.2	69
22/01/2024 17:00	4.3	332	16	6.2	0.0	29.1	70
22/01/2024 17:10	3.9	333	22	6.8	0.0	29.0	71
22/01/2024 17:20	3.8	313	14	6.1	0.0	29.1	70
22/01/2024 17:30	3.8	322	11	5.7	0.0	28.7	71
22/01/2024 17:40	3.9	326	12	5.6	0.0	28.6	72
22/01/2024 17:50	3.7	319	12	5.3	0.0	28.7	72
22/01/2024 18:00	3.0	301	13	4.3	0.0	28.8	73
22/01/2024 18:10	2.8	274	15	4.5	0.0	28.8	73
22/01/2024 18:20	2.9	288	9	4.1	0.0	28.7	73
22/01/2024 18:30	2.6	276	18	3.4	0.0	28.7	73
22/01/2024 18:40	3.1	290	10	4.2	0.0	28.7	73
22/01/2024 18:50	2.5	291	9	3.4	0.0	28.5	74
22/01/2024 19:00	1.7	240	29	3.0	0.0	28.5	74
22/01/2024 19:10	1.2	172	31	2.2	0.0	28.6	73
22/01/2024 19:20	0.8	317	31	1.3	0.0	28.7	73
22/01/2024 19:30	1.9	356	10	2.6	0.0	28.8	72
22/01/2024 19:40	2.4	337	12	3.2	0.0	29.1	72
22/01/2024 19:50	4.1	339	8	5.5	0.0	28.8	75
22/01/2024 20:00	4.4	331	10	6.3	0.0	28.3	77
22/01/2024 20:10	3.3	316	19	5.4	0.0	28.2	78
22/01/2024 20:20	3.7	318	10	5.2	0.0	28.1	79
22/01/2024 20:30	1.8	313	18	3.4	0.0	27.9	81
22/01/2024 20:40	3.3	306	9	4.6	0.0	27.9	81
22/01/2024 20:50	3.2	306	10	4.6	0.0	27.8	82
22/01/2024 21:00	3.0	294	9	4.1	0.0	27.9	82
22/01/2024 21:10	3.8	286	8	5.3	0.0	27.9	81
22/01/2024 21:20	4.8	288	9	7.1	0.0	28.3	78
22/01/2024 21:30	4.0	284	7	5.4	0.0	28.3	79
22/01/2024 21:40	4.4	276	7	6.2	0.0	28.1	81
22/01/2024 21:50	5.3	281	7	6.9	0.0	28.0	81
22/01/2024 22:00	5.1	282	8	6.8	0.0	28.1	81
22/01/2024 22:10	4.3	281	8	6.3	0.0	28.1	79
22/01/2024 22:20	3.7	290	9	5.1	0.0	28.2	78
22/01/2024 22:30	2.7	311	14	4.1	0.0	28.1	79
22/01/2024 22:40	2.1	349	19	3.4	0.0	28.0	82
22/01/2024 22:50	2.9	310	11	3.9	0.0	27.7	83
22/01/2024 23:00	3.5	295	7	4.4	0.0	27.7	84
22/01/2024 23:10	2.8	297	10	4.4	0.0	27.5	84
22/01/2024 23:20	2.9	306	10	4.0	0.0	27.6	84
22/01/2024 23:30	3.0	295	9	4.0	0.0	27.5	85
22/01/2024 23:40	3.2	269	7	4.4	0.0	27.6	85
22/01/2024 23:50	2.7	263	9	4.1	0.0	27.6	84
23/01/2024 00:00	3.1	249	13	4.4	0.0	27.7	84
23/01/2024 00:10	3.0	266	9	3.7	0.0	27.6	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/01/2024 00:20	2.2	306	16	2.8	0.0	27.6	85
23/01/2024 00:30	2.7	291	11	3.6	0.0	27.6	85
23/01/2024 00:40	2.2	299	13	3.0	0.0	27.6	85
23/01/2024 00:50	2.4	329	9	3.7	0.0	27.6	85
23/01/2024 01:00	2.4	316	13	4.4	0.0	27.6	87
23/01/2024 01:10	3.9	328	9	5.2	0.0	27.3	88
23/01/2024 01:20	3.7	332	15	6.4	0.0	27.2	88
23/01/2024 01:30	4.2	314	12	6.4	0.0	27.1	89
23/01/2024 01:40	4.6	339	11	6.7	0.0	27.0	89
23/01/2024 01:50	5.0	323	13	7.8	0.0	26.9	89
23/01/2024 02:00	4.5	293	11	6.9	0.0	26.9	89
23/01/2024 02:10	4.9	308	12	7.2	0.0	26.7	89
23/01/2024 02:20	4.8	324	11	6.9	0.0	26.7	88
23/01/2024 02:30	4.7	309	11	6.5	0.0	26.7	88
23/01/2024 02:40	4.8	296	11	7.2	0.0	26.6	88
23/01/2024 02:50	5.0	280	10	6.9	0.0	26.6	87
23/01/2024 03:00	4.4	296	12	6.2	0.0	26.7	87
23/01/2024 03:10	2.8	315	11	4.1	0.0	26.7	87
23/01/2024 03:20	3.3	314	12	5.4	0.0	26.7	86
23/01/2024 03:30	3.3	314	10	5.6	0.0	26.7	86
23/01/2024 03:40	3.0	305	17	5.1	0.0	26.6	87
23/01/2024 03:50	3.4	294	13	5.0	0.0	26.6	87
23/01/2024 04:00	3.2	297	14	5.4	0.0	26.6	87
23/01/2024 04:10	4.4	298	11	6.7	0.0	26.6	87
23/01/2024 04:20	5.2	284	8	7.0	0.0	26.7	87
23/01/2024 04:30	4.8	291	7	6.6	0.0	26.7	87
23/01/2024 04:40	3.4	297	8	5.1	0.0	26.7	87
23/01/2024 04:50	3.1	294	9	4.3	0.0	26.8	87
23/01/2024 05:00	3.5	292	9	4.9	0.0	26.8	86
23/01/2024 05:10	3.6	290	7	5.1	0.0	26.9	86
23/01/2024 05:20	3.1	288	10	4.5	0.0	26.9	86
23/01/2024 05:30	2.3	294	10	3.4	0.0	26.9	86
23/01/2024 05:40	1.5	299	14	2.4	0.0	27.0	86
23/01/2024 05:50	1.3	310	12	1.8	0.0	26.9	86
23/01/2024 06:00	1.5	326	12	2.1	0.0	26.9	86
23/01/2024 06:10	1.5	316	10	2.3	0.0	26.9	87
23/01/2024 06:20	1.4	312	11	1.8	0.0	26.9	87
23/01/2024 06:30	0.8	309	23	1.2	0.0	27.0	87
23/01/2024 06:40	1.3	185	23	2.6	0.0	27.1	87
23/01/2024 06:50	3.0	23	10	4.1	0.0	27.0	87
23/01/2024 07:00	2.7	24	11	3.5	0.0	27.0	87
23/01/2024 07:10	2.3	179	15	3.1	0.0	27.2	86
23/01/2024 07:20	2.6	329	12	3.7	0.0	27.5	86
23/01/2024 07:30	2.3	330	15	3.2	0.0	27.7	85
23/01/2024 07:40	2.9	321	13	4.6	0.0	27.9	83
23/01/2024 07:50	2.9	328	15	4.1	0.0	28.0	83
23/01/2024 08:00	3.2	317	9	4.6	0.0	28.1	83
23/01/2024 08:10	3.0	321	12	4.4	0.0	28.1	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/01/2024 08:20	2.8	323	10	4.3	0.0	28.4	82
23/01/2024 08:30	2.9	330	13	4.4	0.0	29.0	80
23/01/2024 08:40	2.2	319	10	3.4	0.0	29.3	78
23/01/2024 08:50	2.3	314	19	3.4	0.0	29.9	75
23/01/2024 09:00	1.8	289	24	3.3	0.0	30.6	72
23/01/2024 09:10	1.5	228	26	3.7	0.0	30.8	70
23/01/2024 09:20	2.4	223	30	3.6	0.0	31.4	66
23/01/2024 09:30	3.0	142	21	4.5	0.0	30.9	71
23/01/2024 09:40	3.2	133	15	4.7	0.0	30.5	72
23/01/2024 09:50	3.0	133	14	4.4	0.0	30.4	73
23/01/2024 10:00	3.8	115	15	6.2	0.0	30.7	73
23/01/2024 10:10	3.7	113	13	5.2	0.0	30.4	74
23/01/2024 10:20	2.8	118	16	4.2	0.0	30.6	73
23/01/2024 10:30	2.1	105	20	4.1	0.0	31.4	68
23/01/2024 10:40	1.6	109	34	3.5	0.0	32.6	61
23/01/2024 10:50	2.1	134	23	3.5	0.0	33.5	57
23/01/2024 11:00	2.2	127	24	4.1	0.0	33.5	57
23/01/2024 11:10	2.1	121	37	4.1	0.0	33.8	57
23/01/2024 11:20	2.8	115	21	4.4	0.0	33.8	57
23/01/2024 11:30	3.6	96	19	5.5	0.0	34.1	56
23/01/2024 11:40	4.5	87	10	6.4	0.0	34.0	58
23/01/2024 11:50	5.4	77	10	7.2	0.0	32.7	63
23/01/2024 12:00	6.0	86	7	7.4	0.0	32.1	66
23/01/2024 12:10	6.6	87	6	8.2	0.0	31.9	66
23/01/2024 12:20	7.1	87	7	9.1	0.0	31.7	67
23/01/2024 12:30	7.1	87	7	9.0	0.0	31.5	67
23/01/2024 12:40	7.0	81	8	9.0	0.0	32.0	65
23/01/2024 12:50	7.2	69	8	9.7	0.0	31.8	65
23/01/2024 13:00	7.1	61	9	9.3	0.0	31.0	69
23/01/2024 13:10	7.6	59	9	10.2	0.0	31.0	69
23/01/2024 13:20	7.4	57	7	9.9	0.0	31.0	69
23/01/2024 13:30	7.5	62	9	9.8	0.0	31.0	69
23/01/2024 13:40	6.9	57	7	8.8	0.0	31.5	66
23/01/2024 13:50	7.7	60	8	10.0	0.0	31.9	64
23/01/2024 14:00	8.1	64	8	10.3	0.0	31.6	65
23/01/2024 14:10	7.2	62	8	9.7	0.0	31.8	64
23/01/2024 14:20	6.7	65	8	8.7	0.0	32.8	58
23/01/2024 14:30	6.9	66	8	9.4	0.0	33.6	56
23/01/2024 14:40	7.3	63	8	9.2	0.0	32.3	62
23/01/2024 14:50	5.8	59	6	7.9	0.0	32.5	60
23/01/2024 15:00	5.2	47	7	6.7	0.0	33.5	57
23/01/2024 15:10	4.6	45	8	5.9	0.0	33.8	52
23/01/2024 15:20	4.3	32	22	6.3	0.0	34.5	51
23/01/2024 15:30	3.6	347	13	5.2	0.0	33.4	60
23/01/2024 15:40	5.1	326	8	6.6	0.0	32.4	65
23/01/2024 15:50	4.8	322	7	6.3	0.0	32.2	66
23/01/2024 16:00	5.2	327	9	7.0	0.0	31.9	68
23/01/2024 16:10	5.4	339	13	7.4	0.0	31.6	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/01/2024 16:20	5.1	350	12	6.9	0.0	31.7	68
23/01/2024 16:30	5.6	180	9	7.0	0.0	32.3	67
23/01/2024 16:40	6.2	352	12	7.6	0.0	31.8	68
23/01/2024 16:50	5.7	352	8	7.0	0.0	31.1	71
23/01/2024 17:00	5.0	352	9	6.7	0.0	31.4	70
23/01/2024 17:10	4.0	352	13	5.2	0.0	30.9	72
23/01/2024 17:20	3.7	181	14	5.1	0.0	31.2	71
23/01/2024 17:30	3.4	43	24	5.2	0.0	31.6	70
23/01/2024 17:40	6.6	66	6	9.3	0.0	30.9	72
23/01/2024 17:50	6.6	56	8	8.8	0.0	30.0	73
23/01/2024 18:00	5.9	50	7	7.9	0.0	29.7	74
23/01/2024 18:10	4.8	69	12	8.5	0.0	30.0	74
23/01/2024 18:20	7.0	86	13	12.1	0.0	29.5	78
23/01/2024 18:30	6.7	82	8	9.6	0.0	28.8	80
23/01/2024 18:40	6.4	77	10	9.2	0.0	28.8	81
23/01/2024 18:50	6.7	71	9	9.5	0.0	28.6	81
23/01/2024 19:00	7.2	60	7	9.4	0.0	28.2	83
23/01/2024 19:10	7.2	52	6	9.8	0.0	28.1	84
23/01/2024 19:20	7.2	51	8	10.0	0.0	28.3	81
23/01/2024 19:30	6.2	44	8	8.3	0.0	28.8	77
23/01/2024 19:40	6.5	42	10	9.4	0.0	29.4	72
23/01/2024 19:50	5.7	32	12	8.4	0.0	29.4	71
23/01/2024 20:00	6.0	30	9	8.8	0.0	29.3	70
23/01/2024 20:10	4.8	29	12	7.2	0.0	29.4	71
23/01/2024 20:20	4.7	16	9	6.2	0.0	28.9	74
23/01/2024 20:30	4.7	16	9	6.2	0.0	28.9	74
23/01/2024 20:40	3.1	174	15	4.8	0.0	28.8	74
23/01/2024 20:50	2.8	347	12	4.1	0.0	28.9	73
23/01/2024 21:00	1.9	156	16	3.6	0.0	29.1	73
23/01/2024 21:10	1.7	177	16	2.6	0.0	29.0	75
23/01/2024 21:20	4.1	8	8	5.4	0.0	28.8	78
23/01/2024 21:30	3.9	15	9	5.5	0.0	28.3	81
23/01/2024 21:40	3.6	183	14	5.2	0.0	28.2	81
23/01/2024 21:50	3.9	19	12	5.6	0.0	28.4	78
23/01/2024 22:00	4.3	174	12	7.0	0.0	28.4	80
23/01/2024 22:10	5.5	340	11	8.1	0.0	28.1	84
23/01/2024 22:20	3.0	343	33	5.9	0.0	28.1	85
23/01/2024 22:30	1.6	301	52	3.6	0.0	28.0	86
23/01/2024 22:40	2.3	306	13	3.5	0.0	27.9	86
23/01/2024 22:50	2.0	289	21	3.3	0.0	27.6	85
23/01/2024 23:00	2.4	301	8	3.4	0.0	27.5	85
23/01/2024 23:10	3.7	307	9	5.6	0.0	27.6	82
23/01/2024 23:20	2.6	307	24	4.5	0.0	27.8	79
23/01/2024 23:30	2.5	309	12	3.9	0.0	27.7	79
23/01/2024 23:40	2.8	309	16	3.9	0.0	27.8	78
23/01/2024 23:50	2.3	299	14	3.8	0.0	28.0	78
24/01/2024 00:00	2.0	264	20	3.0	0.0	27.9	78
24/01/2024 00:10	2.3	242	18	3.4	0.0	27.7	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/01/2024 00:20	2.4	188	12	3.3	0.0	27.8	79
24/01/2024 00:30	2.3	121	26	3.5	0.0	28.1	78
24/01/2024 00:40	3.4	82	9	4.9	0.0	28.3	78
24/01/2024 00:50	3.2	82	6	4.2	0.0	28.4	78
24/01/2024 01:00	3.0	76	8	3.8	0.0	28.3	77
24/01/2024 01:10	1.9	54	8	2.5	0.0	28.3	77
24/01/2024 01:20	2.0	60	7	2.7	0.0	28.3	77
24/01/2024 01:30	1.9	30	8	2.5	0.0	28.3	77
24/01/2024 01:40	1.5	28	8	1.9	0.0	28.3	78
24/01/2024 01:50	1.0	32	8	1.5	0.0	28.3	79
24/01/2024 02:00	0.6	19	13	0.9	0.0	28.3	79
24/01/2024 02:10	0.7	48	13	1.1	0.0	28.2	78
24/01/2024 02:20	0.9	66	11	1.2	0.0	28.3	78
24/01/2024 02:30	1.1	44	6	1.4	0.0	28.3	78
24/01/2024 02:40	1.0	52	7	1.3	0.0	28.2	78
24/01/2024 02:50	0.8	62	14	1.2	0.0	28.2	78
24/01/2024 03:00	0.9	204	17	1.5	0.0	28.2	77
24/01/2024 03:10	1.4	7	8	1.8	0.0	28.2	76
24/01/2024 03:20	1.0	189	11	1.4	0.0	28.2	77
24/01/2024 03:30	1.0	173	20	1.4	0.0	28.2	78
24/01/2024 03:40	1.3	71	15	1.8	0.0	28.2	78
24/01/2024 03:50	1.7	60	4	2.0	0.0	28.1	78
24/01/2024 04:00	1.3	53	9	1.9	0.0	28.1	77
24/01/2024 04:10	2.2	70	7	3.0	0.0	28.2	77
24/01/2024 04:20	2.8	75	6	3.4	0.0	28.3	78
24/01/2024 04:30	2.8	75	5	3.6	0.0	28.3	78
24/01/2024 04:40	2.4	71	7	3.2	0.0	28.2	79
24/01/2024 04:50	2.7	73	5	3.5	0.0	28.2	79
24/01/2024 05:00	2.9	77	6	3.8	0.0	28.2	79
24/01/2024 05:10	3.0	73	6	3.9	0.0	28.1	79
24/01/2024 05:20	3.0	70	5	3.8	0.0	28.2	80
24/01/2024 05:30	3.3	73	5	4.2	0.0	28.1	80
24/01/2024 05:40	3.0	71	5	4.0	0.0	28.1	80
24/01/2024 05:50	3.3	73	4	4.1	0.0	28.1	80
24/01/2024 06:00	2.5	60	7	3.2	0.0	28.0	81
24/01/2024 06:10	2.3	61	7	3.1	0.0	27.9	82
24/01/2024 06:20	1.9	60	7	2.6	0.0	27.9	83
24/01/2024 06:30	2.4	63	6	2.9	0.0	27.8	84
24/01/2024 06:40	1.7	66	7	2.3	0.0	27.8	84
24/01/2024 06:50	1.9	90	12	2.7	0.0	28.0	84
24/01/2024 07:00	2.0	85	18	2.8	0.0	28.2	84
24/01/2024 07:10	1.9	71	9	2.8	0.0	28.2	84
24/01/2024 07:20	2.0	84	12	2.7	0.0	28.2	83
24/01/2024 07:30	1.8	108	21	2.8	0.0	28.4	83
24/01/2024 07:40	2.4	113	21	3.4	0.0	28.5	83
24/01/2024 07:50	2.6	83	15	3.6	0.0	28.5	83
24/01/2024 08:00	3.0	85	12	4.1	0.0	28.5	83
24/01/2024 08:10	3.5	89	12	4.9	0.0	28.5	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/01/2024 08:20	3.4	73	11	4.7	0.0	28.6	83
24/01/2024 08:30	3.6	80	10	5.1	0.0	28.8	82
24/01/2024 08:40	3.2	83	13	4.5	0.0	29.0	82
24/01/2024 08:50	3.3	86	15	4.9	0.0	29.3	80
24/01/2024 09:00	3.9	82	11	5.3	0.0	29.3	80
24/01/2024 09:10	3.9	83	10	5.8	0.0	29.2	81
24/01/2024 09:20	3.9	86	14	5.8	0.0	29.3	80
24/01/2024 09:30	3.8	85	16	5.4	0.0	29.6	79
24/01/2024 09:40	3.7	82	14	5.9	0.0	29.7	78
24/01/2024 09:50	3.7	79	11	5.2	0.0	29.7	78
24/01/2024 10:00	3.2	81	16	4.5	0.0	29.6	78
24/01/2024 10:10	3.3	75	9	5.0	0.0	29.7	78
24/01/2024 10:20	3.6	78	8	5.3	0.0	29.7	78
24/01/2024 10:30	3.9	64	12	5.8	0.0	30.2	76
24/01/2024 10:40	4.3	64	11	5.7	0.0	30.2	76
24/01/2024 10:50	4.6	63	11	6.2	0.0	30.5	74
24/01/2024 11:00	4.6	58	12	6.5	0.0	30.6	74
24/01/2024 11:10	5.0	61	11	7.1	0.0	30.9	73
24/01/2024 11:20	5.0	61	10	6.5	0.0	31.2	72
24/01/2024 11:30	4.8	62	14	7.1	0.0	31.3	71
24/01/2024 11:40	5.2	56	9	6.9	0.0	31.4	70
24/01/2024 11:50	5.3	55	9	7.4	0.0	31.2	71
24/01/2024 12:00	5.2	60	13	7.1	0.0	31.5	70
24/01/2024 12:10	5.2	61	11	7.2	0.0	31.7	69
24/01/2024 12:20	5.2	60	8	6.8	0.0	31.2	70
24/01/2024 12:30	5.3	60	9	7.1	0.0	31.4	68
24/01/2024 12:40	5.5	58	7	7.2	0.0	31.6	67
24/01/2024 12:50	5.7	55	9	7.6	0.0	31.7	67
24/01/2024 13:00	5.8	56	8	7.6	0.0	31.4	68
24/01/2024 13:10	5.5	56	7	7.0	0.0	31.7	66
24/01/2024 13:20	5.3	65	10	7.0	0.0	31.9	65
24/01/2024 13:30	5.6	68	10	7.4	0.0	32.1	65
24/01/2024 13:40	6.0	63	8	7.8	0.0	32.1	64
24/01/2024 13:50	6.0	62	9	7.8	0.0	32.0	64
24/01/2024 14:00	5.7	64	10	7.7	0.0	32.5	61
24/01/2024 14:10	6.2	62	10	7.9	0.0	32.8	55
24/01/2024 14:20	5.9	61	9	7.6	0.0	32.9	52
24/01/2024 14:30	5.8	65	11	7.6	0.0	33.7	47
24/01/2024 14:40	7.1	65	9	10.0	0.0	34.1	45
24/01/2024 14:50	7.2	65	9	9.8	0.0	34.3	44
24/01/2024 15:00	7.4	60	12	9.6	0.0	34.4	44
24/01/2024 15:10	7.0	45	9	9.7	0.0	35.1	41
24/01/2024 15:20	6.8	33	13	9.3	0.0	35.3	42
24/01/2024 15:30	7.1	23	11	9.5	0.0	34.5	47
24/01/2024 15:40	7.8	17	9	10.3	0.0	34.2	46
24/01/2024 15:50	7.8	19	10	10.4	0.0	34.2	44
24/01/2024 16:00	7.8	16	9	9.7	0.0	34.0	46
24/01/2024 16:10	6.8	9	12	9.6	0.0	33.6	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/01/2024 16:20	6.9	7	9	10.2	0.0	33.3	54
24/01/2024 16:30	6.9	8	11	9.4	0.0	32.9	56
24/01/2024 16:40	6.8	182	11	9.2	0.0	32.6	58
24/01/2024 16:50	6.8	180	11	9.6	0.0	32.4	59
24/01/2024 17:00	6.7	179	11	8.6	0.0	32.2	60
24/01/2024 17:10	6.4	182	11	9.1	0.0	32.5	59
24/01/2024 17:20	6.6	2	11	9.2	0.0	32.4	56
24/01/2024 17:30	7.3	343	10	9.8	0.0	31.0	63
24/01/2024 17:40	7.0	344	10	9.5	0.0	30.2	68
24/01/2024 17:50	6.8	349	7	9.4	0.0	30.0	68
24/01/2024 18:00	6.7	338	10	9.2	0.0	29.7	72
24/01/2024 18:10	6.6	334	9	9.7	0.0	29.3	75
24/01/2024 18:20	7.4	334	9	10.1	0.0	28.8	78
24/01/2024 18:30	7.6	334	10	9.5	0.0	28.5	80
24/01/2024 18:40	7.1	325	8	10.1	0.0	28.3	81
24/01/2024 18:50	7.1	329	11	10.2	0.0	28.2	82
24/01/2024 19:00	5.8	326	11	8.7	0.0	28.1	82
24/01/2024 19:10	6.2	323	10	9.1	0.0	28.1	82
24/01/2024 19:20	6.2	324	12	8.7	0.0	28.0	83
24/01/2024 19:30	5.6	320	10	8.0	0.0	28.0	83
24/01/2024 19:40	6.0	324	12	8.9	0.0	27.9	83
24/01/2024 19:50	5.5	327	10	8.8	0.0	27.9	83
24/01/2024 20:00	5.1	320	11	8.1	0.0	27.9	83
24/01/2024 20:10	4.9	322	14	7.1	0.0	27.8	83
24/01/2024 20:20	4.9	312	11	8.0	0.0	27.8	83
24/01/2024 20:30	5.1	306	12	7.6	0.0	27.8	84
24/01/2024 20:40	5.7	311	8	8.0	0.0	27.7	84
24/01/2024 20:50	5.2	309	12	7.6	0.0	27.7	84
24/01/2024 21:00	4.2	302	13	6.2	0.0	27.7	83
24/01/2024 21:10	4.4	302	16	6.7	0.0	27.8	83
24/01/2024 21:20	4.1	261	16	6.0	0.0	27.7	83
24/01/2024 21:30	4.0	269	9	5.3	0.0	27.7	82
24/01/2024 21:40	4.0	272	7	5.3	0.0	27.8	82
24/01/2024 21:50	4.9	276	9	6.3	0.0	27.8	82
24/01/2024 22:00	4.7	291	8	6.3	0.0	27.7	81
24/01/2024 22:10	3.7	287	9	4.9	0.0	27.8	81
24/01/2024 22:20	3.5	284	9	4.6	0.0	27.8	82
24/01/2024 22:30	3.4	292	10	4.6	0.0	27.8	83
24/01/2024 22:40	2.8	310	15	4.7	0.0	27.8	82
24/01/2024 22:50	3.1	311	11	5.4	0.0	27.8	83
24/01/2024 23:00	4.6	336	9	6.8	0.0	27.7	83
24/01/2024 23:10	4.6	330	9	6.1	0.0	27.7	84
24/01/2024 23:20	4.3	329	11	6.6	0.0	27.6	84
24/01/2024 23:30	4.5	328	10	7.0	0.0	27.5	84
24/01/2024 23:40	4.2	319	12	6.3	0.0	27.5	84
24/01/2024 23:50	4.1	309	13	6.1	0.0	27.4	81
25/01/2024 00:00	4.8	324	9	6.3	0.0	27.5	81
25/01/2024 00:10	4.6	331	9	6.7	0.0	27.5	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/01/2024 00:20	4.7	327	9	6.2	0.0	27.5	82
25/01/2024 00:30	4.8	328	9	6.7	0.0	27.4	81
25/01/2024 00:40	4.2	320	9	6.7	0.0	27.4	81
25/01/2024 00:50	4.3	326	10	6.4	0.0	27.4	81
25/01/2024 01:00	4.0	313	12	6.1	0.0	27.3	81
25/01/2024 01:10	2.9	308	13	4.6	0.0	27.3	80
25/01/2024 01:20	3.4	307	13	5.3	0.0	27.2	80
25/01/2024 01:30	3.1	304	15	5.0	0.0	27.2	80
25/01/2024 01:40	3.5	297	10	5.0	0.0	27.2	80
25/01/2024 01:50	3.5	299	11	5.1	0.0	27.2	80
25/01/2024 02:00	3.4	297	9	4.4	0.0	27.2	80
25/01/2024 02:10	4.1	289	7	5.3	0.0	27.2	79
25/01/2024 02:20	4.1	290	8	5.6	0.0	27.2	78
25/01/2024 02:30	3.9	292	8	5.4	0.0	27.2	78
25/01/2024 02:40	3.4	289	8	4.5	0.0	27.1	78
25/01/2024 02:50	3.5	291	6	4.6	0.0	27.1	79
25/01/2024 03:00	3.7	293	6	4.8	0.0	27.0	80
25/01/2024 03:10	3.9	292	6	5.2	0.0	26.9	81
25/01/2024 03:20	3.4	295	7	4.6	0.0	26.9	82
25/01/2024 03:30	3.3	291	7	4.8	0.0	26.8	83
25/01/2024 03:40	3.7	292	7	5.0	0.0	26.8	82
25/01/2024 03:50	3.3	292	8	4.3	0.0	26.8	81
25/01/2024 04:00	2.7	285	10	4.2	0.0	26.8	80
25/01/2024 04:10	1.9	294	13	3.0	0.0	26.8	80
25/01/2024 04:20	2.4	281	12	3.5	0.0	26.7	80
25/01/2024 04:30	2.4	302	6	3.2	0.0	26.6	81
25/01/2024 04:40	2.6	298	9	3.7	0.0	26.6	83
25/01/2024 04:50	2.5	292	8	3.6	0.0	26.4	84
25/01/2024 05:00	2.6	298	6	3.4	0.0	26.3	84
25/01/2024 05:10	2.5	301	9	3.7	0.0	26.2	85
25/01/2024 05:20	2.8	299	7	3.8	0.0	26.2	85
25/01/2024 05:30	2.3	300	9	3.3	0.0	26.2	84
25/01/2024 05:40	2.8	301	10	4.2	0.0	26.1	84
25/01/2024 05:50	2.8	302	10	3.7	0.0	26.1	84
25/01/2024 06:00	3.2	292	9	4.5	0.0	26.1	83
25/01/2024 06:10	2.4	298	8	3.3	0.0	26.1	83
25/01/2024 06:20	2.5	299	7	3.2	0.0	26.1	83
25/01/2024 06:30	2.3	298	9	3.4	0.0	26.2	83
25/01/2024 06:40	2.5	296	10	3.9	0.0	26.3	83
25/01/2024 06:50	2.2	298	8	3.4	0.0	26.4	82
25/01/2024 07:00	2.7	302	8	3.5	0.0	26.4	82
25/01/2024 07:10	2.1	302	12	3.3	0.0	26.6	81
25/01/2024 07:20	2.1	315	12	3.0	0.0	26.8	80
25/01/2024 07:30	2.6	281	12	3.5	0.0	27.1	79
25/01/2024 07:40	2.3	292	15	3.6	0.0	27.1	78
25/01/2024 07:50	2.7	282	15	4.5	0.0	27.3	78
25/01/2024 08:00	3.4	286	13	5.3	0.0	27.5	77
25/01/2024 08:10	3.2	286	18	4.6	0.0	27.6	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/01/2024 08:20	3.5	293	13	4.9	0.0	27.8	76
25/01/2024 08:30	3.6	289	15	5.4	0.0	27.9	76
25/01/2024 08:40	3.6	279	10	5.4	0.0	27.7	76
25/01/2024 08:50	3.2	277	15	4.7	0.0	27.8	75
25/01/2024 09:00	3.3	273	22	6.1	0.0	28.1	74
25/01/2024 09:10	3.5	263	17	5.2	0.0	28.3	73
25/01/2024 09:20	4.0	257	11	5.4	0.0	28.5	73
25/01/2024 09:30	3.8	264	18	5.8	0.0	28.7	72
25/01/2024 09:40	4.3	272	12	6.6	0.0	28.7	72
25/01/2024 09:50	4.7	274	15	7.0	0.0	28.9	72
25/01/2024 10:00	5.3	273	15	7.2	0.0	29.4	70
25/01/2024 10:10	4.4	281	16	6.6	0.0	29.5	69
25/01/2024 10:20	4.6	275	17	7.2	0.0	29.8	69
25/01/2024 10:30	4.9	275	13	6.9	0.0	29.7	70
25/01/2024 10:40	4.4	290	16	6.8	0.0	30.0	69
25/01/2024 10:50	4.0	305	18	5.8	0.0	30.3	69
25/01/2024 11:00	4.3	311	13	6.3	0.0	30.1	71
25/01/2024 11:10	4.5	318	17	7.3	0.0	29.8	72
25/01/2024 11:20	5.0	316	13	7.3	0.0	29.8	71
25/01/2024 11:30	4.5	331	16	6.5	0.0	30.0	70
25/01/2024 11:40	4.6	328	14	7.0	0.0	30.3	68
25/01/2024 11:50	5.3	325	15	7.6	0.0	30.4	66
25/01/2024 12:00	6.1	334	9	8.1	0.0	30.1	66
25/01/2024 12:10	5.9	333	15	8.3	0.0	30.8	64
25/01/2024 12:20	5.5	306	13	8.2	0.0	31.0	63
25/01/2024 12:30	5.6	314	16	8.1	0.0	31.4	62
25/01/2024 12:40	6.0	322	15	8.8	0.0	31.4	61
25/01/2024 12:50	5.9	328	14	8.5	0.0	31.1	62
25/01/2024 13:00	6.2	318	12	7.9	0.0	31.1	62
25/01/2024 13:10	7.1	331	8	9.1	0.0	30.6	65
25/01/2024 13:20	6.4	322	11	9.2	0.0	30.9	62
25/01/2024 13:30	6.1	319	11	8.6	0.0	31.0	62
25/01/2024 13:40	5.9	321	12	8.6	0.0	30.7	63
25/01/2024 13:50	7.2	322	9	9.2	0.0	30.7	63
25/01/2024 14:00	7.0	322	12	9.9	0.0	30.3	65
25/01/2024 14:10	7.0	312	12	9.7	0.0	30.1	66
25/01/2024 14:20	6.6	308	14	9.7	0.0	30.4	65
25/01/2024 14:30	7.9	300	10	10.6	0.0	29.8	67
25/01/2024 14:40	7.8	299	9	11.7	0.0	30.0	64
25/01/2024 14:50	8.2	309	9	10.9	0.0	30.2	63
25/01/2024 15:00	8.3	314	8	11.3	0.0	30.2	62
25/01/2024 15:10	8.0	309	12	11.1	0.0	30.5	60
25/01/2024 15:20	7.6	306	12	11.1	0.0	30.6	59
25/01/2024 15:30	7.4	312	11	11.2	0.0	30.9	59
25/01/2024 15:40	9.3	312	7	11.4	0.0	29.9	63
25/01/2024 15:50	8.3	313	9	11.7	0.0	29.8	64
25/01/2024 16:00	7.9	304	12	11.0	0.0	30.0	64
25/01/2024 16:10	8.2	291	10	12.0	0.0	30.5	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/01/2024 16:20	7.6	294	11	11.6	0.0	30.6	62
25/01/2024 16:30	8.7	288	8	11.6	0.0	30.2	64
25/01/2024 16:40	8.4	288	8	11.6	0.0	30.1	66
25/01/2024 16:50	8.2	293	11	11.7	0.0	29.6	68
25/01/2024 17:00	8.1	291	10	11.2	0.0	29.7	67
25/01/2024 17:10	9.1	289	7	12.1	0.0	29.3	68
25/01/2024 17:20	9.2	290	8	12.7	0.0	29.0	70
25/01/2024 17:30	9.7	287	6	12.9	0.0	28.9	70
25/01/2024 17:40	10.9	287	6	13.6	0.0	28.5	71
25/01/2024 17:50	10.4	288	6	13.0	0.0	28.5	72
25/01/2024 18:00	10.0	291	6	12.8	0.0	28.1	74
25/01/2024 18:10	10.1	289	6	12.4	0.0	28.1	73
25/01/2024 18:20	9.4	289	6	11.7	0.0	28.1	73
25/01/2024 18:30	8.9	289	6	11.3	0.0	28.0	73
25/01/2024 18:40	8.1	285	9	11.1	0.0	28.1	72
25/01/2024 18:50	8.3	279	8	10.5	0.0	28.2	70
25/01/2024 19:00	9.2	277	8	12.3	0.0	28.2	68
25/01/2024 19:10	9.2	278	7	12.3	0.0	28.1	69
25/01/2024 19:20	9.1	278	5	11.4	0.0	27.9	73
25/01/2024 19:30	9.4	277	6	12.1	0.0	27.8	75
25/01/2024 19:40	9.7	276	6	12.5	0.0	27.7	75
25/01/2024 19:50	9.6	276	5	12.3	0.0	27.7	76
25/01/2024 20:00	10.2	278	6	12.3	0.0	27.7	76
25/01/2024 20:10	9.9	277	5	12.6	0.0	27.6	77
25/01/2024 20:20	10.1	275	5	12.6	0.0	27.6	77
25/01/2024 20:30	10.0	279	5	12.6	0.0	27.6	77
25/01/2024 20:40	9.5	278	6	12.3	0.0	27.6	77
25/01/2024 20:50	10.0	276	6	12.7	0.0	27.6	76
25/01/2024 21:00	9.8	272	6	12.5	0.0	27.6	76
25/01/2024 21:10	10.4	275	5	13.3	0.0	27.6	76
25/01/2024 21:20	10.2	269	6	13.6	0.0	27.6	76
25/01/2024 21:30	9.3	268	6	12.4	0.0	27.7	76
25/01/2024 21:40	10.0	269	6	12.7	0.0	27.6	75
25/01/2024 21:50	9.9	270	6	12.3	0.0	27.6	75
25/01/2024 22:00	9.8	272	6	13.0	0.0	27.5	76
25/01/2024 22:10	9.9	271	6	12.4	0.0	27.4	77
25/01/2024 22:20	10.1	269	5	12.8	0.0	27.3	77
25/01/2024 22:30	10.3	274	6	12.5	0.0	27.2	78
25/01/2024 22:40	10.3	269	5	13.3	0.0	27.2	79
25/01/2024 22:50	9.7	269	6	12.9	0.0	27.2	79
25/01/2024 23:00	9.4	270	6	13.2	0.0	27.1	80
25/01/2024 23:10	9.4	271	6	12.9	0.0	27.0	80
25/01/2024 23:20	8.6	274	6	11.5	0.0	27.0	81
25/01/2024 23:30	9.4	273	6	12.4	0.0	27.0	81
25/01/2024 23:40	9.3	273	6	11.9	0.0	27.0	81
25/01/2024 23:50	9.7	272	4	12.0	0.0	27.0	81
26/01/2024 00:00	9.4	272	6	12.2	0.0	27.0	82
26/01/2024 00:10	8.9	269	5	11.7	0.0	27.0	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/01/2024 00:20	9.3	272	6	11.5	0.0	27.0	82
26/01/2024 00:30	8.7	271	6	11.2	0.0	27.0	83
26/01/2024 00:40	8.7	270	5	11.7	0.0	27.1	83
26/01/2024 00:50	7.7	272	6	10.0	0.0	27.2	83
26/01/2024 01:00	8.5	268	6	11.4	0.0	27.2	83
26/01/2024 01:10	7.8	269	6	10.7	0.0	27.2	83
26/01/2024 01:20	8.3	272	6	11.7	0.0	27.3	83
26/01/2024 01:30	8.8	270	6	11.6	0.0	27.2	83
26/01/2024 01:40	8.6	273	5	11.6	0.0	27.2	83
26/01/2024 01:50	8.2	273	6	11.5	0.0	27.1	84
26/01/2024 02:00	8.9	276	6	11.7	0.0	27.1	84
26/01/2024 02:10	8.9	274	5	12.3	0.0	27.0	84
26/01/2024 02:20	8.6	273	6	11.4	0.0	27.0	85
26/01/2024 02:30	8.6	271	6	11.3	0.0	27.0	85
26/01/2024 02:40	8.6	270	6	12.2	0.0	27.0	84
26/01/2024 02:50	9.0	271	6	11.6	0.0	27.0	84
26/01/2024 03:00	8.7	273	6	11.5	0.0	27.0	85
26/01/2024 03:10	8.8	268	6	12.6	0.0	27.0	85
26/01/2024 03:20	9.7	266	6	11.8	0.0	27.0	86
26/01/2024 03:30	9.6	265	5	12.1	0.0	27.0	85
26/01/2024 03:40	9.3	263	7	11.7	0.0	27.1	85
26/01/2024 03:50	8.0	260	7	10.7	0.0	27.1	85
26/01/2024 04:00	6.5	256	8	9.5	0.0	27.1	84
26/01/2024 04:10	4.8	231	10	7.7	0.0	27.1	84
26/01/2024 04:20	5.0	233	8	6.9	0.0	26.9	84
26/01/2024 04:30	5.7	259	8	7.4	0.0	26.5	83
26/01/2024 04:40	5.6	259	6	7.5	0.0	26.3	85
26/01/2024 04:50	5.5	252	6	7.3	0.0	26.3	85
26/01/2024 05:00	4.8	256	8	6.2	0.0	26.2	85
26/01/2024 05:10	4.6	261	6	6.2	0.0	26.0	84
26/01/2024 05:20	4.0	263	6	5.6	0.0	25.9	84
26/01/2024 05:30	3.4	258	11	5.1	0.0	25.9	85
26/01/2024 05:40	5.2	256	10	6.7	0.0	26.0	85
26/01/2024 05:50	4.9	244	12	6.4	0.0	26.0	84
26/01/2024 06:00	5.3	255	6	6.9	0.0	25.7	83
26/01/2024 06:10	5.8	261	6	7.4	0.0	25.7	83
26/01/2024 06:20	5.8	259	6	7.4	0.0	25.6	83
26/01/2024 06:30	5.3	248	9	6.8	0.0	25.7	83
26/01/2024 06:40	6.0	257	9	8.1	0.0	25.9	82
26/01/2024 06:50	5.9	253	11	8.1	0.0	25.9	80
26/01/2024 07:00	6.2	257	7	8.1	0.0	26.1	78
26/01/2024 07:10	6.7	258	7	8.7	0.0	26.4	76
26/01/2024 07:20	6.6	257	7	8.4	0.0	26.6	76
26/01/2024 07:30	7.2	255	8	9.2	0.0	26.7	75
26/01/2024 07:40	6.5	257	7	8.6	0.0	27.0	75
26/01/2024 07:50	7.0	256	8	9.0	0.0	27.2	75
26/01/2024 08:00	6.8	262	8	8.3	0.0	27.3	74
26/01/2024 08:10	6.9	256	7	9.0	0.0	27.5	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/01/2024 08:20	5.9	255	9	8.5	0.0	27.8	73
26/01/2024 08:30	6.3	267	10	7.9	0.0	28.1	72
26/01/2024 08:40	6.3	265	9	8.2	0.0	28.3	71
26/01/2024 08:50	6.4	267	8	8.2	0.0	28.2	72
26/01/2024 09:00	6.7	268	9	8.4	0.0	28.4	71
26/01/2024 09:10	6.3	268	10	8.5	0.0	28.6	71
26/01/2024 09:20	6.6	273	10	8.4	0.0	28.6	72
26/01/2024 09:30	7.3	278	8	9.6	0.0	28.9	72
26/01/2024 09:40	7.2	281	8	9.5	0.0	29.1	72
26/01/2024 09:50	7.1	278	10	9.0	0.0	29.1	72
26/01/2024 10:00	7.6	281	8	9.7	0.0	29.0	72
26/01/2024 10:10	7.6	279	8	9.3	0.0	28.6	73
26/01/2024 10:20	7.5	283	8	9.8	0.0	28.5	73
26/01/2024 10:30	7.8	277	10	11.3	0.0	28.5	73
26/01/2024 10:40	7.4	277	10	9.4	0.0	28.5	73
26/01/2024 10:50	7.6	279	9	10.1	0.0	28.8	72
26/01/2024 11:00	7.8	280	11	10.3	0.0	28.6	72
26/01/2024 11:10	7.9	277	12	10.3	0.0	28.5	72
26/01/2024 11:20	7.8	273	9	10.5	0.0	29.0	70
26/01/2024 11:30	7.7	275	10	10.1	0.0	29.0	70
26/01/2024 11:40	7.8	278	9	10.2	0.0	29.1	70
26/01/2024 11:50	7.6	279	9	10.2	0.0	29.2	69
26/01/2024 12:00	8.0	269	10	10.3	0.0	28.9	70
26/01/2024 12:10	8.0	264	8	9.7	0.0	29.1	69
26/01/2024 12:20	7.8	272	9	10.7	0.0	29.1	68
26/01/2024 12:30	8.0	268	8	9.9	0.0	29.4	67
26/01/2024 12:40	7.8	272	10	10.5	0.0	29.7	66
26/01/2024 12:50	7.7	277	8	10.1	0.0	29.8	65
26/01/2024 13:00	8.0	272	8	10.7	0.0	29.6	67
26/01/2024 13:10	8.3	267	9	10.5	0.0	29.5	67
26/01/2024 13:20	8.8	270	7	11.2	0.0	29.5	67
26/01/2024 13:30	9.3	270	7	12.5	0.0	29.4	67
26/01/2024 13:40	9.3	267	8	11.5	0.0	29.4	67
26/01/2024 13:50	8.4	274	9	11.3	0.0	30.0	65
26/01/2024 14:00	9.3	287	8	12.2	0.0	29.5	66
26/01/2024 14:10	9.6	286	7	12.3	0.0	29.0	67
26/01/2024 14:20	9.4	285	7	12.4	0.0	29.3	66
26/01/2024 14:30	9.4	285	7	12.0	0.0	29.3	66
26/01/2024 14:40	9.3	284	7	12.0	0.0	29.0	67
26/01/2024 14:50	9.1	284	9	12.1	0.0	29.1	67
26/01/2024 15:00	8.8	287	7	11.5	0.0	29.0	67
26/01/2024 15:10	7.9	298	14	11.5	0.0	28.8	68
26/01/2024 15:20	8.0	288	11	11.4	0.0	29.0	66
26/01/2024 15:30	8.5	291	13	11.2	0.0	28.6	68
26/01/2024 15:40	8.3	285	8	11.1	0.0	28.5	69
26/01/2024 15:50	9.4	286	7	12.7	0.0	28.2	70
26/01/2024 16:00	9.2	289	9	12.5	0.0	28.1	70
26/01/2024 16:10	8.9	308	10	13.8	0.0	27.8	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/01/2024 16:20	9.0	293	11	12.6	0.0	28.1	71
26/01/2024 16:30	9.4	286	7	12.1	0.0	27.8	71
26/01/2024 16:40	8.9	288	8	11.6	0.0	27.6	72
26/01/2024 16:50	9.3	295	8	12.4	0.0	27.4	72
26/01/2024 17:00	9.7	293	6	13.5	0.0	27.3	73
26/01/2024 17:10	9.2	290	8	12.5	0.0	27.5	72
26/01/2024 17:20	10.0	289	8	13.7	0.0	27.4	72
26/01/2024 17:30	10.5	288	7	14.4	0.0	27.2	72
26/01/2024 17:40	10.3	290	7	13.4	0.0	26.9	73
26/01/2024 17:50	9.3	290	7	12.8	0.0	26.9	73
26/01/2024 18:00	9.6	292	7	12.4	0.0	26.7	74
26/01/2024 18:10	9.7	283	8	12.9	0.0	26.6	74
26/01/2024 18:20	9.3	283	7	12.2	0.0	26.5	75
26/01/2024 18:30	8.7	281	9	11.4	0.0	26.3	75
26/01/2024 18:40	9.4	282	6	13.0	0.0	26.1	76
26/01/2024 18:50	9.0	278	8	12.1	0.0	25.9	77
26/01/2024 19:00	9.8	278	8	13.2	0.0	25.7	77
26/01/2024 19:10	8.9	288	7	12.0	0.0	25.6	78
26/01/2024 19:20	7.9	287	8	11.3	0.0	25.6	78
26/01/2024 19:30	8.5	285	9	11.3	0.0	25.4	79
26/01/2024 19:40	9.3	283	6	11.6	0.0	25.4	79
26/01/2024 19:50	8.2	287	9	10.9	0.0	25.3	80
26/01/2024 20:00	8.2	284	7	11.4	0.0	25.3	80
26/01/2024 20:10	8.1	287	8	10.9	0.0	25.3	80
26/01/2024 20:20	8.6	284	9	11.4	0.0	25.2	81
26/01/2024 20:30	8.5	280	8	10.9	0.0	25.2	81
26/01/2024 20:40	9.0	278	7	11.2	0.0	25.3	81
26/01/2024 20:50	9.1	278	7	11.3	0.0	25.3	81
26/01/2024 21:00	8.9	282	7	11.5	0.0	25.3	82
26/01/2024 21:10	8.2	278	7	11.0	0.0	25.5	81
26/01/2024 21:20	9.3	281	9	12.1	0.0	25.4	81
26/01/2024 21:30	8.8	276	7	11.9	0.0	25.5	81
26/01/2024 21:40	8.9	278	7	12.0	0.0	25.5	81
26/01/2024 21:50	8.3	276	7	11.4	0.0	25.5	80
26/01/2024 22:00	8.1	271	6	11.3	0.0	25.6	81
26/01/2024 22:10	8.0	275	8	11.1	0.0	25.7	81
26/01/2024 22:20	8.3	275	6	11.1	0.0	25.7	80
26/01/2024 22:30	8.5	272	8	11.4	0.0	25.7	79
26/01/2024 22:40	8.9	275	7	10.8	0.0	25.8	79
26/01/2024 22:50	8.5	273	7	11.1	0.0	25.8	79
26/01/2024 23:00	8.0	270	7	10.2	0.0	25.8	78
26/01/2024 23:10	8.3	277	6	11.8	0.0	25.9	77
26/01/2024 23:20	7.9	273	8	11.2	0.0	26.0	78
26/01/2024 23:30	7.6	271	7	10.5	0.0	26.0	77
26/01/2024 23:40	8.6	272	7	12.7	0.0	25.9	78
26/01/2024 23:50	8.5	275	6	10.9	0.0	25.8	78
27/01/2024 00:00	9.2	279	6	11.7	0.0	25.8	79
27/01/2024 00:10	8.9	279	6	11.6	0.0	25.7	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/01/2024 00:20	7.8	280	8	11.7	0.0	25.6	79
27/01/2024 00:30	7.5	276	8	10.2	0.0	25.6	79
27/01/2024 00:40	7.9	277	8	10.7	0.0	25.6	79
27/01/2024 00:50	7.5	277	8	10.7	0.0	25.6	79
27/01/2024 01:00	7.8	278	8	10.6	0.0	25.5	79
27/01/2024 01:10	7.3	282	8	10.2	0.0	25.5	79
27/01/2024 01:20	6.4	283	8	8.8	0.0	25.4	78
27/01/2024 01:30	6.7	279	7	9.2	0.0	25.4	78
27/01/2024 01:40	6.8	279	8	9.1	0.0	25.3	79
27/01/2024 01:50	6.8	284	8	9.3	0.0	25.3	79
27/01/2024 02:00	6.1	280	8	8.4	0.0	25.3	79
27/01/2024 02:10	5.8	277	7	8.1	0.0	25.2	78
27/01/2024 02:20	5.6	285	9	7.4	0.0	25.3	79
27/01/2024 02:30	6.8	290	6	8.9	0.0	25.1	79
27/01/2024 02:40	6.7	290	8	8.8	0.0	25.1	78
27/01/2024 02:50	6.6	286	9	8.5	0.0	25.1	78
27/01/2024 03:00	6.9	285	8	9.2	0.0	25.1	79
27/01/2024 03:10	6.1	289	8	8.3	0.0	25.1	78
27/01/2024 03:20	6.1	286	9	8.2	0.0	25.2	77
27/01/2024 03:30	6.9	284	7	9.3	0.0	25.1	77
27/01/2024 03:40	6.6	284	6	9.0	0.0	25.2	77
27/01/2024 03:50	6.7	279	6	8.6	0.0	25.1	77
27/01/2024 04:00	6.9	280	6	8.6	0.0	25.1	78
27/01/2024 04:10	7.1	280	6	9.4	0.0	25.1	78
27/01/2024 04:20	6.8	279	6	8.7	0.0	25.1	77
27/01/2024 04:30	6.0	286	7	8.0	0.0	25.1	77
27/01/2024 04:40	6.2	286	9	8.4	0.0	25.2	77
27/01/2024 04:50	7.1	288	7	9.4	0.0	25.2	77
27/01/2024 05:00	6.0	286	8	8.3	0.0	25.3	76
27/01/2024 05:10	6.3	285	10	8.5	0.0	25.3	77
27/01/2024 05:20	7.5	285	7	9.9	0.0	25.3	77
27/01/2024 05:30	7.0	290	7	10.0	0.0	25.2	78
27/01/2024 05:40	6.9	288	7	9.5	0.0	25.2	77
27/01/2024 05:50	7.2	286	8	10.1	0.0	25.3	77
27/01/2024 06:00	7.7	283	7	9.8	0.0	25.2	78
27/01/2024 06:10	6.6	281	6	9.0	0.0	25.2	78
27/01/2024 06:20	6.4	289	7	8.5	0.0	25.3	78
27/01/2024 06:30	6.0	286	9	8.3	0.0	25.4	79
27/01/2024 06:40	6.3	286	7	8.5	0.0	25.4	78
27/01/2024 06:50	6.8	285	7	9.1	0.0	25.5	77
27/01/2024 07:00	7.1	286	6	9.4	0.0	25.7	77
27/01/2024 07:10	7.1	283	6	9.3	0.0	25.9	76
27/01/2024 07:20	7.2	286	7	9.9	0.0	26.0	76
27/01/2024 07:30	7.0	279	7	8.9	0.0	26.2	74
27/01/2024 07:40	6.6	288	8	8.8	0.0	26.3	74
27/01/2024 07:50	6.2	286	9	8.3	0.0	26.5	72
27/01/2024 08:00	5.9	287	8	8.4	0.0	26.4	72
27/01/2024 08:10	5.4	290	10	7.8	0.0	26.7	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/01/2024 08:20	5.9	289	11	7.9	0.0	26.7	73
27/01/2024 08:30	6.0	292	8	7.7	0.0	26.5	74
27/01/2024 08:40	5.9	288	8	8.1	0.0	26.4	74
27/01/2024 08:50	5.9	286	10	7.8	0.0	26.6	73
27/01/2024 09:00	6.1	283	9	8.2	0.0	26.7	73
27/01/2024 09:10	6.3	286	11	8.5	0.0	26.6	73
27/01/2024 09:20	6.6	282	9	8.3	0.0	26.8	73
27/01/2024 09:30	6.6	288	7	8.4	0.0	26.7	74
27/01/2024 09:40	6.4	288	8	8.4	0.0	26.7	73
27/01/2024 09:50	6.1	288	7	7.8	0.0	26.8	71
27/01/2024 10:00	6.2	289	8	8.6	0.0	27.0	70
27/01/2024 10:10	5.9	286	11	8.1	0.0	27.2	69
27/01/2024 10:20	5.8	288	10	8.4	0.0	27.3	69
27/01/2024 10:30	6.1	284	10	8.0	0.0	27.3	69
27/01/2024 10:40	5.2	290	15	7.1	0.0	27.5	68
27/01/2024 10:50	5.1	296	12	7.1	0.0	27.5	70
27/01/2024 11:00	6.0	288	8	8.2	0.0	27.5	69
27/01/2024 11:10	5.4	291	11	7.3	0.0	27.5	68
27/01/2024 11:20	6.2	288	12	8.7	0.0	28.0	67
27/01/2024 11:30	6.7	300	15	9.9	0.0	27.7	69
27/01/2024 11:40	6.6	299	14	9.4	0.0	28.0	68
27/01/2024 11:50	7.6	307	10	10.5	0.0	28.1	69
27/01/2024 12:00	8.2	306	11	11.6	0.0	28.0	69
27/01/2024 12:10	6.9	315	15	10.3	0.0	28.4	68
27/01/2024 12:20	7.3	309	12	10.6	0.0	28.3	67
27/01/2024 12:30	7.5	310	8	10.1	0.0	28.1	67
27/01/2024 12:40	7.1	309	10	9.9	0.0	28.5	64
27/01/2024 12:50	7.0	303	13	10.4	0.0	28.6	63
27/01/2024 13:00	7.0	311	17	9.8	0.0	29.0	59
27/01/2024 13:10	6.9	318	14	10.3	0.0	29.0	58
27/01/2024 13:20	7.5	303	9	11.5	0.0	28.8	59
27/01/2024 13:30	7.1	305	14	10.7	0.0	28.8	62
27/01/2024 13:40	7.3	305	14	11.2	0.0	28.7	62
27/01/2024 13:50	7.4	310	11	10.6	0.0	28.7	63
27/01/2024 14:00	7.3	306	13	10.3	0.0	28.6	65
27/01/2024 14:10	7.4	306	10	10.6	0.0	28.5	65
27/01/2024 14:20	7.7	305	13	11.2	0.0	28.8	65
27/01/2024 14:30	7.5	303	14	11.2	0.0	28.7	65
27/01/2024 14:40	7.7	306	13	11.1	0.0	28.7	65
27/01/2024 14:50	7.7	310	11	10.7	0.0	28.7	62
27/01/2024 15:00	7.4	311	12	10.3	0.0	28.7	60
27/01/2024 15:10	7.4	311	12	11.4	0.0	28.8	60
27/01/2024 15:20	7.3	309	11	10.4	0.0	28.9	60
27/01/2024 15:30	7.5	288	9	10.6	0.0	29.0	61
27/01/2024 15:40	6.8	300	14	10.0	0.0	28.8	63
27/01/2024 15:50	7.3	309	12	10.5	0.0	28.7	64
27/01/2024 16:00	7.4	309	9	11.5	0.0	28.2	65
27/01/2024 16:10	7.0	302	16	9.7	0.0	28.2	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/01/2024 16:20	7.4	290	9	10.2	0.0	28.2	66
27/01/2024 16:30	7.5	304	12	10.7	0.0	28.5	65
27/01/2024 16:40	6.5	291	16	9.7	0.0	28.5	65
27/01/2024 16:50	6.2	294	12	9.6	0.0	28.4	65
27/01/2024 17:00	7.2	287	10	10.4	0.0	28.2	66
27/01/2024 17:10	7.1	288	11	10.3	0.0	28.6	64
27/01/2024 17:20	7.2	291	10	9.9	0.0	27.7	68
27/01/2024 17:30	8.1	283	7	11.5	0.0	27.6	67
27/01/2024 17:40	7.6	285	9	10.2	0.0	27.4	68
27/01/2024 17:50	8.5	286	8	11.2	0.0	27.4	66
27/01/2024 18:00	8.1	287	7	10.9	0.0	27.4	67
27/01/2024 18:10	8.2	283	8	11.1	0.0	27.2	70
27/01/2024 18:20	8.5	286	8	11.4	0.0	27.0	71
27/01/2024 18:30	8.7	287	6	11.9	0.0	27.0	69
27/01/2024 18:40	8.0	282	7	10.7	0.0	26.9	71
27/01/2024 18:50	8.4	286	7	11.1	0.0	26.8	72
27/01/2024 19:00	7.3	288	7	10.3	0.0	26.8	74
27/01/2024 19:10	8.3	284	7	10.6	0.0	26.7	73
27/01/2024 19:20	7.3	284	7	9.4	0.0	26.7	75
27/01/2024 19:30	7.6	285	10	9.8	0.0	26.7	76
27/01/2024 19:40	7.4	281	9	9.9	0.0	26.6	76
27/01/2024 19:50	7.6	275	6	9.8	0.0	26.6	76
27/01/2024 20:00	6.9	279	8	9.1	0.0	26.5	76
27/01/2024 20:10	6.2	283	7	8.9	0.0	26.5	75
27/01/2024 20:20	5.8	283	9	7.9	0.0	26.5	76
27/01/2024 20:30	6.1	287	7	7.9	0.0	26.5	76
27/01/2024 20:40	5.6	286	9	8.2	0.0	26.5	76
27/01/2024 20:50	6.2	288	8	8.4	0.0	26.5	77
27/01/2024 21:00	5.6	287	7	8.3	0.0	26.5	77
27/01/2024 21:10	6.3	285	6	8.5	0.0	26.4	76
27/01/2024 21:20	5.9	282	7	8.1	0.0	26.5	76
27/01/2024 21:30	5.1	288	9	7.5	0.0	26.3	77
27/01/2024 21:40	6.1	287	7	8.1	0.0	26.3	77
27/01/2024 21:50	6.0	280	7	8.1	0.0	26.4	77
27/01/2024 22:00	6.0	280	7	7.6	0.0	26.4	78
27/01/2024 22:10	6.4	286	7	8.6	0.0	26.3	78
27/01/2024 22:20	7.3	288	7	10.0	0.0	26.3	76
27/01/2024 22:30	7.0	280	7	9.5	0.0	26.3	76
27/01/2024 22:40	6.7	285	7	9.6	0.0	26.2	76
27/01/2024 22:50	7.0	285	9	9.8	0.0	26.3	77
27/01/2024 23:00	7.6	285	7	10.0	0.0	26.3	76
27/01/2024 23:10	6.8	288	7	9.9	0.0	26.3	76
27/01/2024 23:20	7.4	285	8	9.7	0.0	26.2	76
27/01/2024 23:30	7.3	286	7	9.9	0.0	26.1	77
27/01/2024 23:40	7.2	287	7	9.3	0.0	26.1	78
27/01/2024 23:50	6.5	285	8	8.7	0.0	26.0	78
28/01/2024 00:00	5.9	283	9	8.4	0.0	26.0	78
28/01/2024 00:10	7.4	280	7	9.8	0.0	26.0	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/01/2024 00:20	6.1	281	8	8.0	0.0	25.9	79
28/01/2024 00:30	5.7	283	7	8.2	0.0	25.9	79
28/01/2024 00:40	5.8	280	7	7.9	0.0	25.9	78
28/01/2024 00:50	6.3	279	6	8.9	0.0	26.0	78
28/01/2024 01:00	6.6	278	6	9.2	0.0	26.1	78
28/01/2024 01:10	5.9	283	9	8.5	0.0	26.1	79
28/01/2024 01:20	6.6	278	7	8.9	0.0	26.1	80
28/01/2024 01:30	6.2	275	7	8.6	0.0	26.1	80
28/01/2024 01:40	6.4	279	8	10.1	0.0	26.1	79
28/01/2024 01:50	7.3	274	6	9.8	0.0	26.1	78
28/01/2024 02:00	6.9	274	7	8.8	0.0	26.2	78
28/01/2024 02:10	7.4	275	6	9.8	0.0	26.1	76
28/01/2024 02:20	6.7	277	7	9.9	0.0	26.1	76
28/01/2024 02:30	6.5	277	8	10.0	0.0	26.2	75
28/01/2024 02:40	7.2	278	7	9.5	0.0	26.2	74
28/01/2024 02:50	6.3	278	7	9.3	0.0	26.2	74
28/01/2024 03:00	7.0	279	6	9.2	0.0	26.2	75
28/01/2024 03:10	6.9	279	8	8.8	0.0	26.2	74
28/01/2024 03:20	7.1	281	7	9.8	0.0	26.2	73
28/01/2024 03:30	7.8	277	7	9.9	0.0	26.3	71
28/01/2024 03:40	6.6	281	8	9.1	0.0	26.3	72
28/01/2024 03:50	6.8	282	8	8.8	0.0	26.3	71
28/01/2024 04:00	6.6	282	7	8.7	0.0	26.3	75
28/01/2024 04:10	6.5	280	7	9.2	0.0	26.2	76
28/01/2024 04:20	6.6	280	8	9.0	0.0	26.1	77
28/01/2024 04:30	6.2	287	8	8.4	0.0	26.0	78
28/01/2024 04:40	6.0	288	7	8.2	0.0	25.9	79
28/01/2024 04:50	5.6	280	9	7.4	0.0	26.0	79
28/01/2024 05:00	6.1	287	9	8.1	0.0	26.0	78
28/01/2024 05:10	6.9	293	7	9.2	0.0	26.0	76
28/01/2024 05:20	6.0	290	6	7.8	0.0	26.0	76
28/01/2024 05:30	6.1	289	7	7.9	0.0	26.1	75
28/01/2024 05:40	6.1	283	9	8.3	0.0	26.1	76
28/01/2024 05:50	6.3	284	8	8.3	0.0	26.0	75
28/01/2024 06:00	5.6	283	7	8.5	0.0	26.1	74
28/01/2024 06:10	5.4	287	9	7.6	0.0	26.2	73
28/01/2024 06:20	5.3	278	7	6.8	0.0	26.4	72
28/01/2024 06:30	5.7	287	9	7.3	0.0	26.4	74
28/01/2024 06:40	5.3	291	8	7.2	0.0	26.3	76
28/01/2024 06:50	5.3	287	7	7.4	0.0	26.3	77
28/01/2024 07:00	5.8	289	8	8.0	0.0	26.2	77
28/01/2024 07:10	5.8	285	8	7.8	0.0	26.3	74
28/01/2024 07:20	5.7	282	7	7.5	0.0	26.4	74
28/01/2024 07:30	5.4	288	8	7.2	0.0	26.5	74
28/01/2024 07:40	5.8	285	8	7.6	0.0	26.5	74
28/01/2024 07:50	5.9	279	8	7.9	0.0	26.7	74
28/01/2024 08:00	6.0	279	8	8.0	0.0	26.7	76
28/01/2024 08:10	6.0	283	8	8.6	0.0	26.6	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/01/2024 08:20	5.3	285	9	7.3	0.0	26.5	78
28/01/2024 08:30	5.6	282	9	7.7	0.0	26.7	77
28/01/2024 08:40	5.7	279	8	7.9	0.0	26.9	75
28/01/2024 08:50	5.5	276	10	7.2	0.0	27.1	74
28/01/2024 09:00	5.8	281	11	7.7	0.0	27.1	74
28/01/2024 09:10	5.8	278	9	8.5	0.0	27.3	72
28/01/2024 09:20	6.4	274	14	8.7	0.0	28.1	69
28/01/2024 09:30	5.7	287	11	7.8	0.0	27.9	71
28/01/2024 09:40	5.7	295	8	7.8	0.0	27.6	72
28/01/2024 09:50	6.0	289	8	7.8	0.0	27.5	72
28/01/2024 10:00	5.9	293	9	8.1	0.0	27.3	73
28/01/2024 10:10	6.2	276	8	8.0	0.0	27.5	73
28/01/2024 10:20	6.6	267	9	8.3	0.0	27.4	72
28/01/2024 10:30	6.8	268	8	8.8	0.0	27.6	70
28/01/2024 10:40	6.6	278	6	8.6	0.0	28.1	68
28/01/2024 10:50	6.5	278	9	8.6	0.0	28.1	69
28/01/2024 11:00	7.1	275	9	10.6	0.0	28.1	68
28/01/2024 11:10	6.9	273	11	9.0	0.0	28.7	66
28/01/2024 11:20	6.8	278	12	9.6	0.0	28.6	67
28/01/2024 11:30	7.1	271	9	9.8	0.0	28.1	69
28/01/2024 11:40	7.2	271	9	9.4	0.0	27.8	70
28/01/2024 11:50	6.7	275	11	8.8	0.0	27.7	70
28/01/2024 12:00	6.1	292	10	7.9	0.0	27.6	72
28/01/2024 12:10	6.4	289	10	9.0	0.0	27.7	72
28/01/2024 12:20	6.3	289	10	8.6	0.0	27.9	70
28/01/2024 12:30	6.4	290	11	8.9	0.0	28.0	70
28/01/2024 12:40	5.9	292	12	8.6	0.0	28.3	69
28/01/2024 12:50	6.4	296	10	9.3	0.0	28.1	69
28/01/2024 13:00	6.3	298	10	9.8	0.0	28.3	68
28/01/2024 13:10	7.3	314	10	9.9	0.0	28.1	68
28/01/2024 13:20	7.0	306	12	9.4	0.0	28.5	67
28/01/2024 13:30	6.9	313	11	10.4	0.0	28.6	65
28/01/2024 13:40	6.5	311	11	9.6	0.0	28.9	66
28/01/2024 13:50	7.7	309	10	9.9	0.0	28.5	67
28/01/2024 14:00	7.4	312	10	10.1	0.0	28.5	68
28/01/2024 14:10	6.5	300	13	9.8	0.0	29.1	65
28/01/2024 14:20	6.8	297	11	9.4	0.0	29.3	64
28/01/2024 14:30	7.6	300	10	10.7	0.0	29.0	65
28/01/2024 14:40	7.2	303	13	10.1	0.0	29.2	63
28/01/2024 14:50	7.1	290	10	10.6	0.0	29.3	63
28/01/2024 15:00	7.3	290	9	11.1	0.0	29.1	64
28/01/2024 15:10	7.6	287	10	10.2	0.0	29.3	63
28/01/2024 15:20	8.4	286	6	10.5	0.0	28.7	64
28/01/2024 15:30	8.0	289	8	10.6	0.0	28.8	64
28/01/2024 15:40	7.9	290	8	10.8	0.0	28.9	64
28/01/2024 15:50	7.9	285	7	10.6	0.0	29.0	65
28/01/2024 16:00	8.5	284	7	11.5	0.0	28.9	66
28/01/2024 16:10	8.2	287	8	10.5	0.0	28.8	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/01/2024 16:20	8.1	287	9	11.0	0.0	28.7	66
28/01/2024 16:30	8.2	287	8	11.0	0.0	28.6	66
28/01/2024 16:40	8.2	285	8	10.9	0.0	28.7	65
28/01/2024 16:50	7.5	288	8	10.6	0.0	28.7	66
28/01/2024 17:00	8.0	289	9	10.8	0.0	28.5	67
28/01/2024 17:10	7.9	289	8	10.2	0.0	28.4	66
28/01/2024 17:20	7.3	292	9	9.8	0.0	28.4	67
28/01/2024 17:30	7.3	289	9	10.5	0.0	28.1	69
28/01/2024 17:40	7.6	289	8	10.2	0.0	28.0	69
28/01/2024 17:50	8.0	288	7	10.8	0.0	27.7	71
28/01/2024 18:00	8.3	287	6	10.8	0.0	27.6	71
28/01/2024 18:10	8.3	286	6	10.7	0.0	27.4	71
28/01/2024 18:20	7.8	290	7	10.5	0.0	27.3	73
28/01/2024 18:30	8.3	289	7	10.9	0.0	27.3	72
28/01/2024 18:40	9.0	287	7	11.5	0.0	27.0	74
28/01/2024 18:50	8.5	285	7	10.9	0.0	26.8	75
28/01/2024 19:00	8.2	286	7	11.0	0.0	26.7	76
28/01/2024 19:10	8.5	288	6	10.9	0.0	26.5	76
28/01/2024 19:20	8.2	285	6	11.0	0.0	26.4	76
28/01/2024 19:30	7.7	285	8	10.0	0.0	26.4	76
28/01/2024 19:40	8.3	280	6	10.8	0.0	26.4	75
28/01/2024 19:50	7.9	283	7	11.2	0.0	26.4	78
28/01/2024 20:00	8.1	286	7	10.6	0.0	26.2	79
28/01/2024 20:10	8.4	286	6	10.8	0.0	26.1	79
28/01/2024 20:20	8.7	287	6	10.7	0.0	26.1	80
28/01/2024 20:30	7.8	286	7	10.4	0.0	26.1	80
28/01/2024 20:40	7.7	287	8	10.4	0.0	26.0	81
28/01/2024 20:50	7.6	281	7	9.8	0.0	26.0	80
28/01/2024 21:00	7.9	285	8	10.6	0.0	25.9	80
28/01/2024 21:10	7.8	287	7	10.5	0.0	25.9	80
28/01/2024 21:20	7.9	291	7	10.5	0.0	25.8	81
28/01/2024 21:30	8.2	285	7	10.1	0.0	25.8	81
28/01/2024 21:40	8.0	286	8	10.3	0.0	25.8	81
28/01/2024 21:50	7.7	290	8	10.4	0.0	25.7	82
28/01/2024 22:00	7.9	287	7	10.7	0.0	25.7	82
28/01/2024 22:10	7.9	283	6	10.4	0.0	25.8	80
28/01/2024 22:20	7.3	286	8	9.8	0.0	25.8	80
28/01/2024 22:30	7.9	289	7	10.7	0.0	25.7	80
28/01/2024 22:40	7.8	279	7	10.5	0.0	25.7	80
28/01/2024 22:50	7.8	282	8	10.7	0.0	25.7	79
28/01/2024 23:00	8.8	277	6	10.9	0.0	25.7	80
28/01/2024 23:10	7.8	275	7	10.8	0.0	25.7	80
28/01/2024 23:20	8.3	272	6	10.5	0.0	25.7	79
28/01/2024 23:30	8.6	274	6	11.5	0.0	25.8	79
28/01/2024 23:40	8.3	272	6	10.9	0.0	25.8	79
28/01/2024 23:50	8.4	271	8	11.1	0.0	25.8	79
29/01/2024 00:00	8.4	270	7	10.9	0.0	25.8	79
29/01/2024 00:10	8.3	267	7	11.2	0.0	25.8	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/01/2024 00:20	8.2	270	6	10.5	0.0	25.8	79
29/01/2024 00:30	8.8	263	5	12.0	0.0	25.8	78
29/01/2024 00:40	7.6	266	6	10.2	0.0	25.8	79
29/01/2024 00:50	7.7	265	6	10.1	0.0	25.8	79
29/01/2024 01:00	7.9	265	7	10.2	0.0	25.8	79
29/01/2024 01:10	7.3	271	5	9.7	0.0	25.8	78
29/01/2024 01:20	7.2	272	6	9.6	0.0	25.7	78
29/01/2024 01:30	6.7	272	7	9.3	0.0	25.7	77
29/01/2024 01:40	7.5	276	6	9.7	0.0	25.7	77
29/01/2024 01:50	7.0	272	6	9.7	0.0	25.6	77
29/01/2024 02:00	6.8	272	7	9.4	0.0	25.6	78
29/01/2024 02:10	7.3	276	7	9.7	0.0	25.5	79
29/01/2024 02:20	6.8	278	8	9.2	0.0	25.4	80
29/01/2024 02:30	6.4	279	7	8.9	0.0	25.4	81
29/01/2024 02:40	6.4	283	7	8.8	0.0	25.3	82
29/01/2024 02:50	5.9	284	8	7.5	0.0	25.2	82
29/01/2024 03:00	5.9	286	8	8.1	0.0	25.2	82
29/01/2024 03:10	6.1	288	7	8.2	0.0	25.1	82
29/01/2024 03:20	5.9	289	8	8.0	0.0	25.1	82
29/01/2024 03:30	5.6	289	8	8.1	0.0	25.0	83
29/01/2024 03:40	5.7	285	8	8.0	0.0	25.1	83
29/01/2024 03:50	5.9	280	7	8.2	0.0	25.2	82
29/01/2024 04:00	5.9	275	6	8.2	0.0	25.3	81
29/01/2024 04:10	6.1	277	8	8.1	0.0	25.3	80
29/01/2024 04:20	6.3	279	7	8.5	0.0	25.3	80
29/01/2024 04:30	6.0	280	8	7.7	0.0	25.4	80
29/01/2024 04:40	6.5	276	7	8.8	0.0	25.3	80
29/01/2024 04:50	6.6	276	6	9.2	0.0	25.3	79
29/01/2024 05:00	6.7	277	6	8.8	0.0	25.4	80
29/01/2024 05:10	5.9	280	8	8.3	0.0	25.4	81
29/01/2024 05:20	6.5	279	7	8.8	0.0	25.3	80
29/01/2024 05:30	6.7	280	7	8.7	0.0	25.4	80
29/01/2024 05:40	5.8	274	8	9.0	0.0	25.5	80
29/01/2024 05:50	6.9	266	6	9.2	0.0	25.4	79
29/01/2024 06:00	7.0	275	9	9.1	0.0	25.4	79
29/01/2024 06:10	6.6	278	7	9.0	0.0	25.5	79
29/01/2024 06:20	6.6	271	9	8.7	0.0	25.5	79
29/01/2024 06:30	6.8	281	6	8.5	0.0	25.5	78
29/01/2024 06:40	6.8	271	6	8.7	0.0	25.5	78
29/01/2024 06:50	6.9	276	6	9.0	0.0	25.6	77
29/01/2024 07:00	6.9	276	7	9.3	0.0	25.8	77
29/01/2024 07:10	7.1	275	7	9.7	0.0	26.0	76
29/01/2024 07:20	6.9	270	7	8.9	0.0	26.0	75
29/01/2024 07:30	7.2	272	7	9.6	0.0	26.2	75
29/01/2024 07:40	7.0	277	9	9.3	0.0	26.3	74
29/01/2024 07:50	6.9	275	6	9.9	0.0	26.6	73
29/01/2024 08:00	6.8	271	8	8.9	0.0	26.5	74
29/01/2024 08:10	7.4	275	9	9.9	0.0	26.6	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/01/2024 08:20	7.3	278	7	8.9	0.0	26.7	73
29/01/2024 08:30	6.9	276	9	9.3	0.0	26.8	73
29/01/2024 08:40	6.4	276	9	8.3	0.0	27.0	73
29/01/2024 08:50	6.6	279	10	8.5	0.0	27.2	72
29/01/2024 09:00	6.9	280	8	9.2	0.0	27.2	73
29/01/2024 09:10	7.1	281	10	9.2	0.0	27.3	72
29/01/2024 09:20	7.5	277	7	9.8	0.0	27.3	72
29/01/2024 09:30	7.2	280	11	9.3	0.0	27.6	70
29/01/2024 09:40	7.8	279	11	10.1	0.0	27.5	71
29/01/2024 09:50	7.4	278	11	9.6	0.0	27.6	70
29/01/2024 10:00	7.7	274	7	10.0	0.0	27.8	70
29/01/2024 10:10	7.4	278	9	9.8	0.0	27.9	70
29/01/2024 10:20	7.4	280	10	9.8	0.0	27.9	70
29/01/2024 10:30	7.2	283	9	9.1	0.0	27.8	70
29/01/2024 10:40	7.9	271	11	11.3	0.0	27.9	69
29/01/2024 10:50	7.6	278	9	9.9	0.0	27.9	69
29/01/2024 11:00	7.5	269	11	10.1	0.0	28.2	68
29/01/2024 11:10	7.4	267	9	9.5	0.0	28.3	67
29/01/2024 11:20	7.9	269	7	10.1	0.0	28.4	67
29/01/2024 11:30	7.6	274	10	10.2	0.0	28.5	67
29/01/2024 11:40	7.3	273	8	9.4	0.0	29.0	65
29/01/2024 11:50	7.6	275	8	9.9	0.0	28.9	66
29/01/2024 12:00	7.9	272	9	9.9	0.0	28.7	67
29/01/2024 12:10	7.8	271	9	10.3	0.0	28.8	66
29/01/2024 12:20	7.8	269	9	10.1	0.0	28.9	67
29/01/2024 12:30	7.7	266	8	10.4	0.0	29.2	66
29/01/2024 12:40	7.8	268	9	10.5	0.0	29.2	66
29/01/2024 12:50	7.9	272	10	10.0	0.0	29.1	67
29/01/2024 13:00	7.7	284	10	10.4	0.0	29.5	65
29/01/2024 13:10	8.2	287	9	11.8	0.0	29.0	67
29/01/2024 13:20	8.4	282	7	11.5	0.0	29.0	67
29/01/2024 13:30	7.8	286	9	11.2	0.0	29.2	66
29/01/2024 13:40	8.1	290	12	11.6	0.0	29.1	67
29/01/2024 13:50	7.5	290	13	10.5	0.0	29.4	66
29/01/2024 14:00	7.8	297	13	11.1	0.0	29.2	67
29/01/2024 14:10	7.3	293	10	10.7	0.0	29.4	65
29/01/2024 14:20	7.2	302	13	10.2	0.0	29.2	66
29/01/2024 14:30	7.7	304	12	10.5	0.0	29.0	67
29/01/2024 14:40	7.7	301	11	10.9	0.0	29.0	67
29/01/2024 14:50	7.6	305	13	12.1	0.0	29.0	67
29/01/2024 15:00	7.8	292	9	10.0	0.0	29.3	65
29/01/2024 15:10	8.1	290	8	10.2	0.0	28.9	67
29/01/2024 15:20	8.3	287	7	11.3	0.0	29.0	67
29/01/2024 15:30	8.3	289	8	11.5	0.0	29.1	67
29/01/2024 15:40	8.1	290	11	11.0	0.0	28.9	67
29/01/2024 15:50	8.0	293	9	11.0	0.0	28.9	68
29/01/2024 16:00	7.8	292	10	11.4	0.0	28.7	68
29/01/2024 16:10	7.7	292	10	11.0	0.0	28.8	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/01/2024 16:20	7.5	297	12	11.1	0.0	28.6	69
29/01/2024 16:30	8.9	291	8	12.3	0.0	28.3	69
29/01/2024 16:40	7.7	296	11	11.4	0.0	28.3	69
29/01/2024 16:50	8.0	296	10	11.0	0.0	28.3	69
29/01/2024 17:00	9.4	288	6	12.4	0.0	28.0	69
29/01/2024 17:10	9.7	287	7	12.2	0.0	27.8	70
29/01/2024 17:20	9.6	288	6	12.8	0.0	27.7	72
29/01/2024 17:30	9.6	289	6	12.4	0.0	27.5	73
29/01/2024 17:40	8.8	288	8	11.2	0.0	27.6	72
29/01/2024 17:50	9.0	285	6	11.8	0.0	27.5	72
29/01/2024 18:00	9.2	286	6	11.9	0.0	27.3	74
29/01/2024 18:10	9.3	288	5	11.6	0.0	27.2	75
29/01/2024 18:20	8.9	288	6	11.1	0.0	27.0	75
29/01/2024 18:30	9.3	287	6	12.3	0.0	26.9	76
29/01/2024 18:40	8.6	288	6	11.2	0.0	26.7	77
29/01/2024 18:50	8.3	288	6	10.8	0.0	26.7	76
29/01/2024 19:00	8.4	289	5	10.5	0.0	26.5	77
29/01/2024 19:10	8.0	281	6	10.7	0.0	26.5	76
29/01/2024 19:20	8.7	282	7	11.0	0.0	26.4	76
29/01/2024 19:30	8.3	283	8	11.7	0.0	26.3	76
29/01/2024 19:40	9.0	285	7	11.3	0.0	26.2	76
29/01/2024 19:50	8.0	286	7	10.3	0.0	26.1	77
29/01/2024 20:00	7.6	281	6	10.8	0.0	26.1	79
29/01/2024 20:10	8.6	283	6	12.1	0.0	26.0	79
29/01/2024 20:20	9.2	279	6	11.9	0.0	25.9	80
29/01/2024 20:30	9.2	280	6	11.8	0.0	25.8	81
29/01/2024 20:40	8.9	285	7	11.8	0.0	25.7	81
29/01/2024 20:50	7.8	287	7	10.6	0.0	25.8	81
29/01/2024 21:00	8.4	279	7	11.5	0.0	25.8	80
29/01/2024 21:10	9.4	282	6	11.7	0.0	25.7	79
29/01/2024 21:20	8.5	286	7	10.9	0.0	25.7	79
29/01/2024 21:30	8.2	284	7	11.7	0.0	25.7	79
29/01/2024 21:40	8.7	283	6	11.3	0.0	25.6	80
29/01/2024 21:50	7.8	283	7	10.5	0.0	25.6	81
29/01/2024 22:00	8.5	282	7	10.6	0.0	25.6	81
29/01/2024 22:10	8.8	277	6	10.7	0.0	25.6	82
29/01/2024 22:20	8.4	276	6	11.5	0.0	25.6	81
29/01/2024 22:30	8.4	274	6	11.5	0.0	25.6	81
29/01/2024 22:40	8.3	278	6	10.4	0.0	25.7	80
29/01/2024 22:50	8.4	274	5	10.7	0.0	25.6	80
29/01/2024 23:00	8.0	276	6	10.4	0.0	25.8	80
29/01/2024 23:10	7.9	276	5	10.6	0.0	25.7	80
29/01/2024 23:20	7.5	276	6	9.8	0.0	25.7	81
29/01/2024 23:30	7.5	274	6	9.7	0.0	25.7	81
29/01/2024 23:40	7.5	271	6	9.3	0.0	25.7	81
29/01/2024 23:50	7.3	271	6	9.6	0.0	25.7	81
30/01/2024 00:00	6.9	272	7	8.9	0.0	25.7	82
30/01/2024 00:10	6.3	272	6	8.9	0.0	25.7	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/01/2024 00:20	6.4	267	6	8.3	0.0	25.7	84
30/01/2024 00:30	6.8	270	6	8.9	0.0	25.7	84
30/01/2024 00:40	5.8	271	6	7.9	0.0	25.7	84
30/01/2024 00:50	6.3	270	6	8.1	0.0	25.7	85
30/01/2024 01:00	5.7	276	7	8.1	0.0	25.6	85
30/01/2024 01:10	6.2	275	7	8.1	0.0	25.6	85
30/01/2024 01:20	6.0	278	7	7.8	0.0	25.6	86
30/01/2024 01:30	5.9	283	7	7.6	0.0	25.5	86
30/01/2024 01:40	6.3	277	6	8.1	0.0	25.5	86
30/01/2024 01:50	5.6	276	6	7.4	0.0	25.5	86
30/01/2024 02:00	6.0	278	6	7.9	0.0	25.4	86
30/01/2024 02:10	5.8	280	7	7.6	0.0	25.4	86
30/01/2024 02:20	5.0	288	8	6.9	0.0	25.3	87
30/01/2024 02:30	5.3	290	7	7.2	0.0	25.3	87
30/01/2024 02:40	5.0	289	8	6.9	0.0	25.2	87
30/01/2024 02:50	5.5	288	7	7.1	0.0	25.2	87
30/01/2024 03:00	5.8	281	7	7.5	0.0	25.2	86
30/01/2024 03:10	5.4	281	6	7.2	0.0	25.2	86
30/01/2024 03:20	5.6	282	7	7.8	0.0	25.3	86
30/01/2024 03:30	4.9	278	7	6.7	0.0	25.4	86
30/01/2024 03:40	5.7	272	7	7.5	0.0	25.5	86
30/01/2024 03:50	5.2	277	7	7.0	0.0	25.6	85
30/01/2024 04:00	4.9	277	7	6.7	0.0	25.6	85
30/01/2024 04:10	4.5	279	7	6.1	0.0	25.6	85
30/01/2024 04:20	4.8	280	6	6.6	0.0	25.6	85
30/01/2024 04:30	4.5	285	7	6.8	0.0	25.6	85
30/01/2024 04:40	5.1	291	6	6.5	0.0	25.6	86
30/01/2024 04:50	5.4	294	7	7.4	0.0	25.4	86
30/01/2024 05:00	5.7	293	8	7.7	0.0	25.4	86
30/01/2024 05:10	6.0	293	6	7.7	0.0	25.3	86
30/01/2024 05:20	5.8	290	6	7.6	0.0	25.3	86
30/01/2024 05:30	5.7	286	6	7.7	0.0	25.3	86
30/01/2024 05:40	5.3	287	9	7.7	0.0	25.3	86
30/01/2024 05:50	5.9	292	7	7.5	0.0	25.3	86
30/01/2024 06:00	6.0	288	7	7.9	0.0	25.3	87
30/01/2024 06:10	5.6	284	7	7.4	0.0	25.4	87
30/01/2024 06:20	6.1	290	7	7.9	0.0	25.4	87
30/01/2024 06:30	5.6	290	8	7.8	0.0	25.5	87
30/01/2024 06:40	5.6	294	8	7.3	0.0	25.6	86
30/01/2024 06:50	5.0	291	7	7.0	0.0	25.7	86
30/01/2024 07:00	5.3	297	9	7.0	0.0	25.9	85
30/01/2024 07:10	5.5	296	8	7.3	0.0	25.8	85
30/01/2024 07:20	5.6	289	8	7.4	0.0	25.9	85
30/01/2024 07:30	5.1	283	8	6.4	0.0	26.1	84
30/01/2024 07:40	5.4	289	6	7.1	0.0	26.2	84
30/01/2024 07:50	5.2	296	7	6.9	0.0	26.2	83
30/01/2024 08:00	4.6	287	11	6.1	0.0	26.4	83
30/01/2024 08:10	4.4	286	9	6.0	0.0	26.5	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/01/2024 08:20	5.4	285	10	7.0	0.0	26.6	82
30/01/2024 08:30	6.1	280	6	8.0	0.0	26.9	81
30/01/2024 08:40	6.2	271	7	8.4	0.0	27.0	80
30/01/2024 08:50	6.6	276	9	8.8	0.0	27.2	79
30/01/2024 09:00	5.8	283	9	8.2	0.0	27.5	78
30/01/2024 09:10	5.3	282	13	7.3	0.0	27.6	77
30/01/2024 09:20	4.7	274	10	6.5	0.0	27.4	78
30/01/2024 09:30	5.1	281	13	7.6	0.0	27.6	77
30/01/2024 09:40	5.1	284	12	8.0	0.0	27.7	77
30/01/2024 09:50	5.3	279	15	7.2	0.0	27.8	76
30/01/2024 10:00	5.2	277	12	7.4	0.0	27.8	76
30/01/2024 10:10	5.5	289	12	7.2	0.0	27.9	76
30/01/2024 10:20	5.5	281	12	7.7	0.0	28.3	74
30/01/2024 10:30	5.0	270	10	7.2	0.0	28.7	71
30/01/2024 10:40	5.2	264	9	7.4	0.0	28.8	71
30/01/2024 10:50	5.2	267	12	7.2	0.0	28.7	71
30/01/2024 11:00	5.0	269	10	7.6	0.0	28.6	72
30/01/2024 11:10	5.0	280	15	7.3	0.0	29.3	69
30/01/2024 11:20	4.7	294	12	6.4	0.0	29.5	68
30/01/2024 11:30	4.7	308	16	7.5	0.0	29.5	69
30/01/2024 11:40	4.6	305	15	7.0	0.0	29.7	69
30/01/2024 11:50	5.5	317	12	8.1	0.0	29.7	68
30/01/2024 12:00	5.8	293	13	8.1	0.0	29.3	70
30/01/2024 12:10	5.8	286	11	8.0	0.0	30.0	67
30/01/2024 12:20	5.8	294	12	8.0	0.0	30.1	67
30/01/2024 12:30	6.1	288	10	9.0	0.0	30.2	66
30/01/2024 12:40	5.8	288	13	8.1	0.0	30.5	64
30/01/2024 12:50	5.3	289	12	7.4	0.0	30.6	64
30/01/2024 13:00	5.3	287	8	7.0	0.0	30.6	63
30/01/2024 13:10	5.6	321	14	7.7	0.0	30.4	65
30/01/2024 13:20	6.3	335	10	8.1	0.0	29.7	67
30/01/2024 13:30	5.8	318	12	7.7	0.0	29.8	65
30/01/2024 13:40	5.8	307	11	8.2	0.0	30.0	64
30/01/2024 13:50	6.6	312	9	8.8	0.0	29.6	65
30/01/2024 14:00	6.5	309	8	8.5	0.0	29.4	65
30/01/2024 14:10	6.1	315	11	8.3	0.0	29.7	65
30/01/2024 14:20	6.0	325	10	8.6	0.0	29.5	67
30/01/2024 14:30	6.6	318	12	8.9	0.0	29.5	67
30/01/2024 14:40	6.7	320	14	9.3	0.0	29.5	68
30/01/2024 14:50	6.7	310	12	9.1	0.0	29.9	65
30/01/2024 15:00	6.6	310	8	9.2	0.0	29.4	66
30/01/2024 15:10	6.9	310	10	9.0	0.0	29.2	68
30/01/2024 15:20	6.8	304	7	9.1	0.0	29.3	67
30/01/2024 15:30	7.4	312	7	9.6	0.0	29.0	69
30/01/2024 15:40	7.8	310	7	10.2	0.0	28.9	69
30/01/2024 15:50	7.1	304	11	9.5	0.0	29.0	70
30/01/2024 16:00	6.3	293	12	9.2	0.0	29.8	67
30/01/2024 16:10	7.1	289	10	9.7	0.0	29.6	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/01/2024 16:20	7.0	300	11	10.3	0.0	29.8	67
30/01/2024 16:30	6.5	300	10	9.4	0.0	29.2	69
30/01/2024 16:40	6.8	298	11	9.4	0.0	29.3	68
30/01/2024 16:50	6.9	301	10	9.2	0.0	29.2	68
30/01/2024 17:00	7.0	296	12	9.9	0.0	29.0	69
30/01/2024 17:10	7.5	289	8	9.5	0.0	29.0	68
30/01/2024 17:20	6.6	292	10	9.4	0.0	29.0	67
30/01/2024 17:30	7.0	291	9	10.1	0.0	29.0	67
30/01/2024 17:40	6.8	301	10	9.5	0.0	28.7	69
30/01/2024 17:50	7.2	301	10	9.8	0.0	28.2	72
30/01/2024 18:00	7.2	306	10	10.2	0.0	28.2	73
30/01/2024 18:10	7.4	301	8	10.0	0.0	27.9	75
30/01/2024 18:20	7.0	303	10	9.7	0.0	27.8	75
30/01/2024 18:30	7.0	304	10	9.9	0.0	27.6	77
30/01/2024 18:40	7.7	304	10	10.7	0.0	27.3	77
30/01/2024 18:50	7.6	304	9	10.2	0.0	27.1	79
30/01/2024 19:00	7.3	301	9	10.4	0.0	26.9	80
30/01/2024 19:10	6.5	303	11	9.8	0.0	26.9	81
30/01/2024 19:20	7.4	304	11	10.1	0.0	26.7	81
30/01/2024 19:30	7.5	298	10	10.1	0.0	26.7	81
30/01/2024 19:40	8.1	289	7	10.9	0.0	26.6	82
30/01/2024 19:50	8.0	291	7	10.9	0.0	26.5	83
30/01/2024 20:00	8.1	288	7	10.6	0.0	26.4	83
30/01/2024 20:10	7.1	283	6	10.0	0.0	26.5	83
30/01/2024 20:20	8.3	287	7	11.0	0.0	26.4	82
30/01/2024 20:30	7.5	288	7	10.1	0.0	26.4	83
30/01/2024 20:40	8.3	283	6	10.8	0.0	26.4	83
30/01/2024 20:50	7.5	282	8	10.2	0.0	26.4	84
30/01/2024 21:00	7.5	279	6	10.8	0.0	26.4	84
30/01/2024 21:10	7.9	278	6	10.1	0.0	26.4	84
30/01/2024 21:20	9.0	277	6	10.9	0.0	26.3	84
30/01/2024 21:30	8.1	275	6	10.5	0.0	26.3	84
30/01/2024 21:40	8.2	280	6	10.1	0.0	26.2	84
30/01/2024 21:50	7.6	279	6	9.6	0.0	26.2	85
30/01/2024 22:00	8.4	280	5	10.2	0.0	26.1	85
30/01/2024 22:10	7.6	277	7	10.1	0.0	26.1	85
30/01/2024 22:20	7.1	277	6	9.1	0.0	26.2	85
30/01/2024 22:30	6.7	279	7	8.7	0.0	26.2	86
30/01/2024 22:40	6.3	275	7	8.3	0.0	26.2	86
30/01/2024 22:50	5.8	273	7	7.5	0.0	26.2	86
30/01/2024 23:00	5.7	271	6	7.3	0.0	26.2	86
30/01/2024 23:10	5.0	268	9	7.1	0.0	26.2	86
30/01/2024 23:20	5.1	275	6	6.9	0.0	26.2	86
30/01/2024 23:30	5.7	277	5	8.0	0.0	26.1	87
30/01/2024 23:40	5.5	278	6	7.2	0.0	26.1	87
30/01/2024 23:50	4.9	283	7	6.6	0.0	26.1	87
31/01/2024 00:00	5.2	276	6	6.8	0.0	26.1	87
01/02/2024 00:10	2.9	284	6	3.9	0.0	28.5	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/02/2024 00:20	4.2	286	7	5.4	0.0	28.6	76
01/02/2024 00:30	4.8	277	6	6.0	0.0	28.4	78
01/02/2024 00:40	4.8	278	7	5.8	0.0	28.2	80
01/02/2024 00:50	4.4	281	6	5.7	0.0	28.1	80
01/02/2024 01:00	4.5	273	7	5.7	0.0	28.1	81
01/02/2024 01:10	4.6	279	6	6.0	0.0	28.0	82
01/02/2024 01:20	4.6	280	7	5.7	0.0	28.0	82
01/02/2024 01:30	4.4	276	7	5.8	0.0	28.0	82
01/02/2024 01:40	4.6	278	6	6.0	0.0	28.0	82
01/02/2024 01:50	4.4	283	7	5.6	0.0	28.0	82
01/02/2024 02:00	4.5	277	7	5.6	0.0	28.0	83
01/02/2024 02:10	4.6	277	6	5.5	0.0	28.1	83
01/02/2024 02:20	4.2	271	7	5.6	0.0	28.1	84
01/02/2024 02:30	3.7	268	7	4.8	0.0	28.1	83
01/02/2024 02:40	2.6	252	10	3.4	0.0	28.3	82
01/02/2024 02:50	1.8	258	18	2.9	0.0	28.4	80
01/02/2024 03:00	2.0	281	10	2.7	0.0	28.4	79
01/02/2024 03:10	2.9	278	6	3.5	0.0	28.3	78
01/02/2024 03:20	2.9	286	5	3.6	0.0	28.4	77
01/02/2024 03:30	3.3	288	7	4.3	0.0	28.4	76
01/02/2024 03:40	3.5	296	7	4.4	0.0	28.4	77
01/02/2024 03:50	3.9	299	7	5.3	0.0	28.3	77
01/02/2024 04:00	4.6	297	6	6.0	0.0	28.4	78
01/02/2024 04:10	4.1	293	8	5.6	0.0	28.4	80
01/02/2024 04:20	3.8	293	9	5.3	0.0	28.3	81
01/02/2024 04:30	4.4	288	6	5.7	0.0	28.2	81
01/02/2024 04:40	4.0	294	7	5.3	0.0	28.2	82
01/02/2024 04:50	4.2	293	7	5.5	0.0	28.0	82
01/02/2024 05:00	4.3	294	7	5.5	0.0	28.1	83
01/02/2024 05:10	4.1	296	8	5.5	0.0	27.9	86
01/02/2024 05:20	4.4	291	6	5.5	0.0	27.7	87
01/02/2024 05:30	4.9	283	7	6.3	0.0	27.5	87
01/02/2024 05:40	4.5	288	6	5.7	0.0	27.5	88
01/02/2024 05:50	4.2	288	7	5.6	0.0	27.4	88
01/02/2024 06:00	4.5	284	6	6.2	0.0	27.4	87
01/02/2024 06:10	5.2	280	6	6.5	0.0	27.4	88
01/02/2024 06:20	4.6	280	6	5.8	0.0	27.3	88
01/02/2024 06:30	5.2	278	6	6.9	0.0	27.3	88
01/02/2024 06:40	5.8	277	6	7.3	0.0	27.2	88
01/02/2024 06:50	6.0	274	7	7.6	0.0	27.2	89
01/02/2024 07:00	5.7	278	6	7.6	0.0	27.3	89
01/02/2024 07:10	6.0	280	6	7.6	0.0	27.3	89
01/02/2024 07:20	5.9	278	7	7.4	0.0	27.4	89
01/02/2024 07:30	6.6	277	7	8.4	0.0	27.5	88
01/02/2024 07:40	6.7	279	5	8.3	0.0	27.6	88
01/02/2024 07:50	6.3	279	7	8.3	0.0	27.8	87
01/02/2024 08:00	6.5	277	7	8.0	0.0	27.8	87
01/02/2024 08:10	6.6	277	7	8.1	0.0	28.0	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/02/2024 08:20	6.8	280	6	8.7	0.0	28.0	86
01/02/2024 08:30	6.4	273	7	8.5	0.0	28.2	85
01/02/2024 08:40	6.8	278	7	8.5	0.0	28.3	85
01/02/2024 08:50	7.0	278	7	8.6	0.0	28.4	84
01/02/2024 09:00	6.4	280	8	8.4	0.0	28.7	83
01/02/2024 09:10	7.0	283	8	8.9	0.0	28.9	81
01/02/2024 09:20	7.5	279	8	9.4	0.0	28.8	82
01/02/2024 09:30	7.3	282	7	8.9	0.0	28.9	81
01/02/2024 09:40	7.7	279	6	9.4	0.0	28.9	80
01/02/2024 09:50	7.8	276	7	9.6	0.0	28.9	80
01/02/2024 10:00	7.7	277	8	9.5	0.0	28.9	80
01/02/2024 10:10	7.2	284	9	9.6	0.0	29.1	79
01/02/2024 10:20	7.5	274	9	9.8	0.0	29.2	78
01/02/2024 10:30	8.3	274	7	10.4	0.0	29.1	78
01/02/2024 10:40	8.1	273	7	10.6	0.0	29.5	76
01/02/2024 10:50	8.1	271	8	10.2	0.0	29.3	77
01/02/2024 11:00	7.9	274	9	10.9	0.0	29.8	75
01/02/2024 11:10	8.1	273	7	10.3	0.0	29.5	75
01/02/2024 11:20	7.4	275	9	9.5	0.0	29.7	75
01/02/2024 11:30	7.9	271	7	10.0	0.0	29.8	74
01/02/2024 11:40	7.9	272	8	9.9	0.0	30.1	73
01/02/2024 11:50	7.5	269	10	9.6	0.0	30.3	73
01/02/2024 12:00	7.3	273	7	9.1	0.0	30.6	71
01/02/2024 12:10	7.3	267	9	9.6	0.0	30.6	72
01/02/2024 12:20	7.8	268	6	9.6	0.0	30.7	71
01/02/2024 12:30	7.7	266	5	9.0	0.0	30.6	71
01/02/2024 12:40	7.6	267	6	9.3	0.0	31.0	69
01/02/2024 12:50	7.8	265	7	9.6	0.0	31.3	68
01/02/2024 13:00	8.0	267	6	10.1	0.0	31.6	66
01/02/2024 13:10	7.7	268	7	10.4	0.0	31.6	65
01/02/2024 13:20	7.6	270	8	9.8	0.0	31.7	65
01/02/2024 13:30	6.8	281	9	9.8	0.0	32.5	63
01/02/2024 13:40	6.6	289	12	9.8	0.0	32.5	63
01/02/2024 13:50	7.4	273	7	9.5	0.0	31.9	65
01/02/2024 14:00	7.5	274	9	9.6	0.0	31.6	64
01/02/2024 14:10	7.6	272	7	9.9	0.0	31.9	62
01/02/2024 14:20	7.0	276	9	9.8	0.0	31.9	63
01/02/2024 14:30	7.5	271	10	9.7	0.0	31.8	65
01/02/2024 14:40	8.1	272	6	10.2	0.0	31.1	68
01/02/2024 14:50	8.2	274	7	10.9	0.0	30.9	69
01/02/2024 15:00	8.0	275	10	9.9	0.0	31.0	68
01/02/2024 15:10	8.1	272	7	10.7	0.0	30.9	70
01/02/2024 15:20	7.9	273	8	10.5	0.0	30.9	70
01/02/2024 15:30	8.2	270	6	9.9	0.0	30.9	70
01/02/2024 15:40	8.1	275	8	10.0	0.0	30.8	70
01/02/2024 15:50	7.9	274	9	9.8	0.0	30.7	70
01/02/2024 16:00	8.3	271	7	10.9	0.0	30.9	70
01/02/2024 16:10	8.0	274	7	9.9	0.0	30.7	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/02/2024 16:20	7.7	271	7	9.3	0.0	31.0	69
01/02/2024 16:30	7.5	271	9	10.0	0.0	31.2	67
01/02/2024 16:40	7.6	270	9	10.0	0.0	30.8	69
01/02/2024 16:50	7.6	274	7	9.6	0.0	30.9	70
01/02/2024 17:00	7.2	288	8	9.6	0.0	30.8	71
01/02/2024 17:10	7.8	293	7	9.7	0.0	30.3	72
01/02/2024 17:20	8.0	295	6	10.3	0.0	30.1	72
01/02/2024 17:30	7.3	296	10	9.7	0.0	30.1	73
01/02/2024 17:40	8.1	266	6	10.3	0.0	30.1	73
01/02/2024 17:50	8.1	265	6	10.4	0.0	29.7	75
01/02/2024 18:00	8.6	267	6	10.9	0.0	29.3	76
01/02/2024 18:10	8.2	271	6	10.8	0.0	29.2	76
01/02/2024 18:20	9.1	273	7	11.6	0.0	28.7	78
01/02/2024 18:30	8.8	277	6	11.1	0.0	28.4	80
01/02/2024 18:40	8.9	275	6	11.6	0.0	28.1	82
01/02/2024 18:50	8.8	274	6	11.1	0.0	28.0	82
01/02/2024 19:00	8.5	272	6	10.8	0.0	27.9	83
01/02/2024 19:10	7.5	270	7	10.2	0.0	27.9	83
01/02/2024 19:20	7.9	271	5	10.1	0.0	27.9	84
01/02/2024 19:30	7.2	269	7	9.2	0.0	27.9	84
01/02/2024 19:40	7.8	266	7	10.4	0.0	27.9	83
01/02/2024 19:50	7.6	268	6	9.6	0.0	28.0	83
01/02/2024 20:00	7.4	262	6	10.0	0.0	28.1	83
01/02/2024 20:10	7.9	260	6	10.1	0.0	28.2	82
01/02/2024 20:20	6.8	261	7	8.4	0.0	28.4	80
01/02/2024 20:30	6.5	262	7	8.4	0.0	28.5	80
01/02/2024 20:40	7.2	266	6	8.9	0.0	28.5	80
01/02/2024 20:50	7.3	263	5	10.0	0.0	28.5	79
01/02/2024 21:00	6.6	267	6	8.8	0.0	28.5	79
01/02/2024 21:10	6.5	267	6	8.0	0.0	28.6	78
01/02/2024 21:20	6.9	265	6	9.2	0.0	28.7	79
01/02/2024 21:30	7.6	271	6	10.0	0.0	28.6	81
01/02/2024 21:40	6.9	272	5	9.0	0.0	28.5	82
01/02/2024 21:50	7.4	267	6	9.7	0.0	28.5	82
01/02/2024 22:00	7.5	268	7	9.4	0.0	28.5	82
01/02/2024 22:10	7.5	267	6	9.4	0.0	28.5	82
01/02/2024 22:20	7.5	267	5	9.9	0.0	28.4	82
01/02/2024 22:30	8.0	267	6	10.5	0.0	28.4	83
01/02/2024 22:40	7.3	265	6	9.9	0.0	28.4	84
01/02/2024 22:50	6.3	262	8	8.5	0.0	28.3	85
01/02/2024 23:00	3.8	236	14	5.4	0.0	28.4	84
01/02/2024 23:10	5.0	270	6	6.2	0.0	28.4	83
01/02/2024 23:20	2.5	243	19	3.9	0.0	28.4	83
01/02/2024 23:30	2.2	220	21	4.0	0.0	28.5	81
01/02/2024 23:40	4.1	260	8	5.1	0.0	28.4	80
01/02/2024 23:50	4.5	270	5	5.7	0.0	28.4	80
02/02/2024 00:00	4.5	268	5	5.7	0.0	28.3	80
02/02/2024 00:10	4.3	271	6	5.6	0.0	28.3	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/02/2024 00:20	6.2	278	5	7.6	0.0	28.3	81
02/02/2024 00:30	6.1	275	6	8.0	0.0	28.3	82
02/02/2024 00:40	6.9	275	5	8.7	0.0	28.2	83
02/02/2024 00:50	7.1	270	6	9.2	0.0	28.2	84
02/02/2024 01:00	6.3	273	7	8.6	0.0	28.1	83
02/02/2024 01:10	7.4	271	5	9.5	0.0	28.2	82
02/02/2024 01:20	6.9	270	6	8.9	0.0	28.2	80
02/02/2024 01:30	6.6	271	6	8.5	0.0	28.3	80
02/02/2024 01:40	6.8	267	5	8.8	0.0	28.4	79
02/02/2024 01:50	6.7	268	6	8.9	0.0	28.5	79
02/02/2024 02:00	6.6	270	6	8.6	0.0	28.5	80
02/02/2024 02:10	6.6	266	6	8.1	0.0	28.5	79
02/02/2024 02:20	6.3	268	5	7.7	0.0	28.5	79
02/02/2024 02:30	5.8	273	6	8.1	0.0	28.6	78
02/02/2024 02:40	6.0	275	6	7.7	0.0	28.6	80
02/02/2024 02:50	7.0	273	5	8.9	0.0	28.5	81
02/02/2024 03:00	6.1	268	6	7.6	0.0	28.4	81
02/02/2024 03:10	7.2	275	6	9.5	0.0	28.3	84
02/02/2024 03:20	7.8	271	5	10.0	0.0	28.0	87
02/02/2024 03:30	7.3	272	5	10.0	0.0	27.9	87
02/02/2024 03:40	7.4	275	7	9.1	0.0	27.8	87
02/02/2024 03:50	6.9	274	6	8.9	0.0	27.7	88
02/02/2024 04:00	6.7	275	6	8.7	0.0	27.6	88
02/02/2024 04:10	6.7	277	6	8.9	0.0	27.6	88
02/02/2024 04:20	6.6	273	6	8.6	0.0	27.5	89
02/02/2024 04:30	6.6	274	6	8.5	0.0	27.5	89
02/02/2024 04:40	7.6	276	5	9.5	0.0	27.4	88
02/02/2024 04:50	7.4	276	6	9.9	0.0	27.3	89
02/02/2024 05:00	8.1	273	6	10.7	0.0	27.2	89
02/02/2024 05:10	8.1	267	7	11.2	0.0	27.3	89
02/02/2024 05:20	4.9	263	8	7.5	0.0	27.3	89
02/02/2024 05:30	5.7	262	7	7.1	0.0	27.3	89
02/02/2024 05:40	6.0	257	7	7.8	0.0	27.3	88
02/02/2024 05:50	6.6	265	6	8.2	0.0	27.3	88
02/02/2024 06:00	6.9	266	6	8.7	0.0	27.3	89
02/02/2024 06:10	7.1	266	5	8.6	0.0	27.3	89
02/02/2024 06:20	5.8	267	6	7.7	0.0	27.4	89
02/02/2024 06:30	5.7	267	7	7.6	0.0	27.5	88
02/02/2024 06:40	5.9	272	7	7.1	0.0	27.6	88
02/02/2024 06:50	5.5	280	6	7.7	0.0	27.8	88
02/02/2024 07:00	6.1	281	7	8.1	0.0	27.7	88
02/02/2024 07:10	5.8	287	8	7.8	0.0	27.8	87
02/02/2024 07:20	5.6	283	7	7.7	0.0	27.8	86
02/02/2024 07:30	5.6	286	7	7.7	0.0	27.8	86
02/02/2024 07:40	5.8	280	8	7.9	0.0	28.0	85
02/02/2024 07:50	6.4	277	7	8.0	0.0	28.1	85
02/02/2024 08:00	6.8	274	7	8.6	0.0	28.2	84
02/02/2024 08:10	7.6	280	5	9.6	0.0	28.3	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/02/2024 08:20	7.7	277	6	9.3	0.0	28.2	85
02/02/2024 08:30	7.7	276	6	9.6	0.0	28.5	84
02/02/2024 08:40	8.1	276	5	9.9	0.0	28.5	84
02/02/2024 08:50	7.8	271	9	9.8	0.0	28.9	83
02/02/2024 09:00	8.4	277	7	10.4	0.0	29.1	82
02/02/2024 09:10	8.0	273	8	10.2	0.0	29.5	81
02/02/2024 09:20	7.4	267	8	9.4	0.0	29.7	81
02/02/2024 09:30	7.6	270	7	9.7	0.0	30.0	79
02/02/2024 09:40	7.5	275	7	9.8	0.0	30.1	78
02/02/2024 09:50	7.2	270	8	9.1	0.0	29.9	80
02/02/2024 10:00	7.0	280	8	9.2	0.0	30.4	78
02/02/2024 10:10	7.8	283	8	10.0	0.0	30.4	77
02/02/2024 10:20	8.3	279	6	10.2	0.0	30.4	77
02/02/2024 10:30	8.1	281	8	10.0	0.0	30.5	77
02/02/2024 10:40	8.2	282	7	10.4	0.0	30.6	76
02/02/2024 10:50	8.8	278	6	10.7	0.0	30.6	76
02/02/2024 11:00	8.6	277	7	10.3	0.0	30.5	76
02/02/2024 11:10	8.8	277	6	11.0	0.0	30.6	76
02/02/2024 11:20	9.4	278	6	11.5	0.0	30.3	77
02/02/2024 11:30	8.8	279	7	11.1	0.0	30.6	76
02/02/2024 11:40	8.3	276	6	10.1	0.0	30.7	75
02/02/2024 11:50	7.7	280	10	9.7	0.0	31.2	73
02/02/2024 12:00	8.3	279	8	10.7	0.0	31.1	73
02/02/2024 12:10	7.7	279	9	10.6	0.0	31.1	73
02/02/2024 12:20	7.6	279	8	9.9	0.0	31.4	71
02/02/2024 12:30	7.3	274	9	10.0	0.0	31.8	69
02/02/2024 12:40	7.4	267	8	9.3	0.0	32.0	68
02/02/2024 12:50	7.7	268	7	9.7	0.0	32.3	67
02/02/2024 13:00	7.4	276	9	9.7	0.0	32.2	68
02/02/2024 13:10	7.1	291	7	8.8	0.0	32.1	68
02/02/2024 13:20	7.5	295	7	9.6	0.0	31.8	69
02/02/2024 13:30	7.7	288	7	9.8	0.0	31.8	68
02/02/2024 13:40	7.5	294	8	9.8	0.0	31.4	69
02/02/2024 13:50	8.1	285	6	10.9	0.0	31.7	67
02/02/2024 14:00	8.1	285	7	11.1	0.0	31.8	66
02/02/2024 14:10	8.4	289	9	11.6	0.0	31.7	66
02/02/2024 14:20	8.4	287	8	11.0	0.0	31.6	66
02/02/2024 14:30	8.6	286	6	10.9	0.0	31.5	66
02/02/2024 14:40	8.6	288	7	10.6	0.0	31.5	65
02/02/2024 14:50	8.7	290	6	10.7	0.0	31.6	64
02/02/2024 15:00	8.7	288	6	11.4	0.0	31.4	65
02/02/2024 15:10	8.6	290	7	11.7	0.0	31.4	65
02/02/2024 15:20	9.2	290	6	11.6	0.0	31.1	66
02/02/2024 15:30	9.1	294	6	11.5	0.0	31.0	66
02/02/2024 15:40	8.7	295	7	11.1	0.0	30.8	67
02/02/2024 15:50	7.9	297	8	10.8	0.0	31.1	67
02/02/2024 16:00	7.8	289	10	10.3	0.0	31.9	63
02/02/2024 16:10	9.3	278	7	11.9	0.0	31.9	62



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/02/2024 16:20	8.9	279	7	12.0	0.0	32.1	61
02/02/2024 16:30	8.2	279	8	11.0	0.0	32.3	61
02/02/2024 16:40	7.7	274	10	10.5	0.0	32.3	61
02/02/2024 16:50	8.4	263	8	10.3	0.0	31.6	65
02/02/2024 17:00	8.9	260	7	11.2	0.0	31.1	65
02/02/2024 17:10	9.6	262	8	13.0	0.0	30.1	65
02/02/2024 17:20	9.4	272	7	12.5	0.0	29.5	72
02/02/2024 17:30	9.6	267	6	12.0	0.0	29.2	75
02/02/2024 17:40	9.1	259	7	12.0	0.0	29.1	77
02/02/2024 17:50	7.7	263	8	10.3	0.0	29.0	78
02/02/2024 18:00	6.7	266	9	9.2	0.0	29.5	73
02/02/2024 18:10	6.1	271	7	7.9	0.0	30.0	66
02/02/2024 18:20	5.7	264	6	7.1	0.0	30.1	65
02/02/2024 18:30	5.9	263	6	7.1	0.0	30.3	64
02/02/2024 18:40	5.3	246	9	7.3	0.0	30.6	63
02/02/2024 18:50	4.1	233	10	6.1	0.0	30.6	66
02/02/2024 19:00	3.2	195	16	5.5	0.0	30.8	69
02/02/2024 19:10	2.8	180	17	5.0	0.0	30.7	67
02/02/2024 19:20	2.6	187	16	4.1	0.0	30.7	68
02/02/2024 19:30	3.1	209	11	4.9	0.0	30.7	65
02/02/2024 19:40	3.2	252	14	4.6	0.1	30.9	66
02/02/2024 19:50	4.8	288	6	6.1	0.1	30.1	73
02/02/2024 20:00	5.2	287	6	6.7	0.0	29.7	75
02/02/2024 20:10	5.0	291	6	7.1	0.0	29.7	80
02/02/2024 20:20	6.0	286	7	8.4	0.0	29.2	84
02/02/2024 20:30	5.7	284	7	8.3	0.0	28.7	86
02/02/2024 20:40	7.5	266	7	10.0	0.0	28.6	86
02/02/2024 20:50	8.8	268	6	11.9	0.0	28.6	86
02/02/2024 21:00	9.3	262	6	11.8	0.0	28.6	85
02/02/2024 21:10	7.9	253	8	11.7	0.0	28.7	85
02/02/2024 21:20	8.2	251	7	10.5	0.0	28.9	84
02/02/2024 21:30	8.1	251	7	11.2	0.0	29.0	82
02/02/2024 21:40	7.0	255	6	9.4	0.0	29.1	81
02/02/2024 21:50	6.4	259	6	8.5	0.0	29.0	80
02/02/2024 22:00	6.5	259	6	8.4	0.0	29.1	79
02/02/2024 22:10	6.6	260	6	8.5	0.0	29.2	78
02/02/2024 22:20	6.9	265	6	9.2	0.0	29.3	80
02/02/2024 22:30	7.2	265	6	10.1	0.0	29.2	81
02/02/2024 22:40	6.8	263	5	8.4	0.0	29.1	82
02/02/2024 22:50	7.0	267	5	9.5	0.0	29.0	82
02/02/2024 23:00	6.8	262	6	9.3	0.0	29.1	83
02/02/2024 23:10	7.7	251	6	10.0	0.0	29.1	80
02/02/2024 23:20	6.0	258	8	8.5	0.0	29.1	79
02/02/2024 23:30	6.2	269	5	8.0	0.0	29.0	79
02/02/2024 23:40	5.3	273	6	7.8	0.0	28.9	81
02/02/2024 23:50	5.3	279	7	7.4	0.0	29.0	80
03/02/2024 00:00	6.0	280	7	8.3	0.0	29.2	80
03/02/2024 00:10	6.3	278	6	7.8	0.0	29.1	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/02/2024 00:20	5.7	287	7	7.6	0.0	29.0	81
03/02/2024 00:30	6.4	296	5	8.3	0.0	29.0	81
03/02/2024 00:40	6.6	297	7	8.6	0.0	29.0	81
03/02/2024 00:50	6.1	295	8	8.5	0.0	29.0	81
03/02/2024 01:00	5.1	297	7	7.3	0.0	29.0	80
03/02/2024 01:10	2.2	307	18	3.6	0.0	29.2	80
03/02/2024 01:20	2.2	299	14	3.6	0.0	29.1	82
03/02/2024 01:30	3.7	326	10	4.8	0.0	28.8	84
03/02/2024 01:40	3.0	322	14	4.7	0.0	28.6	84
03/02/2024 01:50	4.1	309	10	5.3	0.0	28.4	85
03/02/2024 02:00	6.3	297	9	8.7	0.0	28.1	87
03/02/2024 02:10	8.5	294	5	10.3	0.0	27.8	87
03/02/2024 02:20	8.2	290	6	10.1	0.0	27.8	88
03/02/2024 02:30	8.0	285	7	10.0	0.0	27.7	88
03/02/2024 02:40	6.1	290	7	8.3	0.0	27.6	88
03/02/2024 02:50	5.6	297	8	8.0	0.0	27.6	89
03/02/2024 03:00	5.1	297	8	7.6	0.0	27.6	89
03/02/2024 03:10	6.3	285	7	8.4	0.0	27.7	89
03/02/2024 03:20	5.8	281	5	7.2	0.0	27.8	90
03/02/2024 03:30	5.6	287	7	8.1	0.0	27.9	90
03/02/2024 03:40	5.3	283	8	8.1	0.0	28.1	90
03/02/2024 03:50	5.3	282	7	6.6	0.0	28.1	90
03/02/2024 04:00	5.9	277	5	7.3	0.0	28.1	91
03/02/2024 04:10	6.1	275	6	7.4	0.0	28.3	91
03/02/2024 04:20	5.6	269	5	6.8	0.0	28.4	90
03/02/2024 04:30	6.0	266	6	7.6	0.0	28.5	87
03/02/2024 04:40	5.4	259	6	6.9	0.0	28.8	85
03/02/2024 04:50	5.6	261	5	7.6	0.0	28.9	84
03/02/2024 05:00	5.6	264	6	7.9	0.0	28.9	83
03/02/2024 05:10	5.1	270	6	6.6	0.0	29.0	82
03/02/2024 05:20	5.5	282	7	7.2	0.0	29.1	84
03/02/2024 05:30	4.9	285	8	6.5	0.0	28.9	87
03/02/2024 05:40	5.1	286	8	7.2	0.0	28.5	89
03/02/2024 05:50	5.1	284	7	6.8	0.0	28.4	88
03/02/2024 06:00	4.6	288	8	7.0	0.0	28.4	89
03/02/2024 06:10	4.9	290	8	7.4	0.0	28.3	89
03/02/2024 06:20	5.5	287	7	7.1	0.0	28.2	89
03/02/2024 06:30	5.3	292	8	7.3	0.0	28.1	89
03/02/2024 06:40	5.1	291	8	7.1	0.0	28.0	89
03/02/2024 06:50	5.2	282	7	7.3	0.0	28.0	89
03/02/2024 07:00	5.8	279	8	8.2	0.0	28.1	88
03/02/2024 07:10	6.8	274	7	8.6	0.0	28.3	87
03/02/2024 07:20	6.7	275	8	9.3	0.0	28.4	86
03/02/2024 07:30	7.4	273	7	10.0	0.0	28.3	86
03/02/2024 07:40	7.9	266	6	10.0	0.0	28.3	86
03/02/2024 07:50	7.5	270	6	10.0	0.0	28.3	86
03/02/2024 08:00	7.7	270	6	9.5	0.0	28.3	85
03/02/2024 08:10	7.3	270	7	9.6	0.0	28.4	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/02/2024 08:20	7.2	273	7	9.3	0.0	28.6	84
03/02/2024 08:30	7.4	274	8	9.9	0.0	28.7	84
03/02/2024 08:40	8.0	271	7	10.6	0.0	28.8	83
03/02/2024 08:50	7.9	271	7	11.2	0.0	28.9	83
03/02/2024 09:00	8.7	269	6	11.0	0.0	29.1	82
03/02/2024 09:10	8.3	275	8	11.2	0.0	29.4	81
03/02/2024 09:20	8.7	268	7	10.8	0.0	29.1	82
03/02/2024 09:30	8.5	273	7	10.9	0.0	29.4	81
03/02/2024 09:40	8.5	278	6	10.4	0.0	29.7	80
03/02/2024 09:50	7.7	278	8	10.8	0.0	30.5	76
03/02/2024 10:00	8.7	277	7	11.4	0.0	30.7	74
03/02/2024 10:10	9.7	278	5	12.3	0.0	30.6	74
03/02/2024 10:20	9.3	276	8	12.1	0.0	30.8	74
03/02/2024 10:30	9.4	279	7	11.7	0.0	30.4	76
03/02/2024 10:40	9.4	282	6	11.9	0.0	30.4	76
03/02/2024 10:50	9.6	279	5	12.2	0.0	30.4	76
03/02/2024 11:00	9.6	282	7	11.6	0.0	30.3	76
03/02/2024 11:10	8.8	275	8	11.7	0.0	30.7	75
03/02/2024 11:20	8.8	281	8	11.6	0.0	30.7	74
03/02/2024 11:30	9.5	278	6	11.7	0.0	30.7	75
03/02/2024 11:40	9.2	286	9	12.2	0.0	30.8	74
03/02/2024 11:50	9.7	277	8	12.2	0.0	30.8	73
03/02/2024 12:00	9.5	272	7	12.2	0.0	31.3	71
03/02/2024 12:10	9.3	268	6	11.8	0.0	31.3	70
03/02/2024 12:20	8.7	276	9	11.5	0.0	31.3	71
03/02/2024 12:30	9.0	273	7	11.3	0.0	31.1	71
03/02/2024 12:40	8.9	281	9	11.7	0.0	31.2	70
03/02/2024 12:50	9.0	271	7	12.0	0.0	31.7	67
03/02/2024 13:00	9.3	272	6	12.0	0.0	31.6	67
03/02/2024 13:10	9.6	270	6	11.7	0.0	31.1	68
03/02/2024 13:20	9.6	269	7	12.3	0.0	31.5	66
03/02/2024 13:30	9.4	269	6	11.8	0.0	31.8	64
03/02/2024 13:40	9.7	267	7	12.2	0.0	31.9	62
03/02/2024 13:50	9.9	267	6	12.0	0.0	32.0	61
03/02/2024 14:00	10.0	268	6	12.3	0.0	32.0	61
03/02/2024 14:10	9.9	266	5	12.2	0.0	31.9	59
03/02/2024 14:20	9.0	267	8	11.9	0.0	32.4	56
03/02/2024 14:30	8.4	267	7	10.9	0.0	32.9	53
03/02/2024 14:40	9.0	267	7	11.4	0.0	32.8	51
03/02/2024 14:50	8.2	271	9	10.9	0.0	33.5	48
03/02/2024 15:00	9.6	271	6	12.3	0.0	33.2	46
03/02/2024 15:10	9.7	269	7	12.4	0.0	33.0	46
03/02/2024 15:20	10.2	274	6	13.2	0.0	32.9	45
03/02/2024 15:30	9.8	267	8	12.7	0.0	33.0	46
03/02/2024 15:40	10.8	271	8	14.3	0.0	32.3	48
03/02/2024 15:50	10.4	269	6	13.2	0.0	32.2	50
03/02/2024 16:00	10.2	271	7	13.2	0.0	32.2	49
03/02/2024 16:10	9.3	274	8	13.4	0.0	32.6	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/02/2024 16:20	10.3	271	6	12.9	0.0	32.4	49
03/02/2024 16:30	9.8	274	7	12.7	0.0	32.3	50
03/02/2024 16:40	9.1	277	7	12.1	0.0	32.2	51
03/02/2024 16:50	9.3	277	7	12.2	0.0	32.1	52
03/02/2024 17:00	9.8	278	8	13.6	0.0	31.7	54
03/02/2024 17:10	10.9	278	6	14.1	0.0	31.0	56
03/02/2024 17:20	10.1	280	7	13.9	0.0	31.0	58
03/02/2024 17:30	10.0	281	7	13.5	0.0	30.6	60
03/02/2024 17:40	10.7	277	5	14.1	0.0	30.3	62
03/02/2024 17:50	10.5	278	6	13.8	0.0	30.0	63
03/02/2024 18:00	10.9	281	6	13.3	0.0	29.9	63
03/02/2024 18:10	9.8	277	6	12.7	0.0	29.9	63
03/02/2024 18:20	10.4	277	6	14.4	0.0	29.7	64
03/02/2024 18:30	10.3	280	6	13.7	0.0	29.4	67
03/02/2024 18:40	9.4	282	7	13.0	0.0	29.1	72
03/02/2024 18:50	10.1	279	7	14.2	0.0	28.7	76
03/02/2024 19:00	10.5	275	6	12.7	0.0	28.2	80
03/02/2024 19:10	9.5	273	6	12.4	0.0	28.0	81
03/02/2024 19:20	8.1	271	7	11.0	0.0	27.9	83
03/02/2024 19:30	9.4	273	6	12.6	0.0	27.7	83
03/02/2024 19:40	8.8	270	7	11.4	0.0	27.8	83
03/02/2024 19:50	8.5	267	7	12.1	0.0	27.8	83
03/02/2024 20:00	8.3	269	7	11.4	0.0	27.7	83
03/02/2024 20:10	9.4	268	7	14.2	0.0	27.7	82
03/02/2024 20:20	9.8	269	7	13.6	0.0	27.8	82
03/02/2024 20:30	10.7	272	6	14.1	0.0	27.7	81
03/02/2024 20:40	9.6	271	6	13.1	0.0	27.7	81
03/02/2024 20:50	9.6	270	6	12.5	0.0	27.8	81
03/02/2024 21:00	9.5	274	6	12.0	0.0	27.7	81
03/02/2024 21:10	9.7	267	6	12.2	0.0	27.7	83
03/02/2024 21:20	9.4	266	6	12.2	0.0	27.8	82
03/02/2024 21:30	9.5	265	6	12.3	0.0	27.8	81
03/02/2024 21:40	7.2	253	11	9.7	0.0	27.8	82
03/02/2024 21:50	5.2	241	9	7.8	0.0	28.1	80
03/02/2024 22:00	6.8	258	7	9.2	0.0	28.1	79
03/02/2024 22:10	5.9	255	6	7.4	0.0	28.1	79
03/02/2024 22:20	6.4	266	7	8.3	0.0	28.0	79
03/02/2024 22:30	7.3	268	6	9.1	0.0	28.1	80
03/02/2024 22:40	7.0	271	6	9.1	0.0	28.0	80
03/02/2024 22:50	7.5	270	7	9.4	0.0	28.1	80
03/02/2024 23:00	7.5	274	7	10.4	0.0	28.0	81
03/02/2024 23:10	7.6	280	6	9.9	0.0	27.8	83
03/02/2024 23:20	8.3	279	6	10.9	0.0	27.6	83
03/02/2024 23:30	7.7	276	8	10.2	0.0	27.4	83
03/02/2024 23:40	7.0	271	7	9.5	0.0	27.4	83
03/02/2024 23:50	7.5	278	6	10.1	0.0	27.3	84
04/02/2024 00:00	7.7	278	6	10.6	0.0	27.3	84
04/02/2024 00:10	7.7	284	6	10.6	0.0	27.3	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/02/2024 00:20	9.0	279	6	12.0	0.0	27.2	84
04/02/2024 00:30	8.4	281	6	10.8	0.0	27.1	84
04/02/2024 00:40	7.9	282	7	10.3	0.0	27.0	84
04/02/2024 00:50	8.6	279	7	12.4	0.0	26.9	83
04/02/2024 01:00	8.4	280	7	11.2	0.0	27.0	84
04/02/2024 01:10	8.4	280	5	12.7	0.0	26.8	84
04/02/2024 01:20	8.6	278	6	10.9	0.0	26.8	84
04/02/2024 01:30	9.7	282	6	12.9	0.0	26.7	84
04/02/2024 01:40	9.3	283	7	13.1	0.0	26.7	84
04/02/2024 01:50	9.7	286	7	12.6	0.0	26.7	84
04/02/2024 02:00	10.4	282	7	13.6	0.0	26.6	84
04/02/2024 02:10	10.4	279	6	14.4	0.0	26.6	83
04/02/2024 02:20	11.2	280	6	14.0	0.0	26.4	83
04/02/2024 02:30	10.2	277	6	13.7	0.0	26.4	83
04/02/2024 02:40	10.3	274	6	13.8	0.0	26.4	82
04/02/2024 02:50	10.5	276	6	14.3	0.0	26.4	82
04/02/2024 03:00	10.7	280	7	13.7	0.0	26.3	82
04/02/2024 03:10	10.1	276	7	13.4	0.0	26.3	81
04/02/2024 03:20	10.1	278	6	13.5	0.0	26.3	81
04/02/2024 03:30	10.5	271	6	13.7	0.0	26.3	81
04/02/2024 03:40	10.1	276	6	15.5	0.0	26.2	81
04/02/2024 03:50	11.0	275	6	14.0	0.0	26.2	81
04/02/2024 04:00	10.7	275	6	14.2	0.0	26.2	82
04/02/2024 04:10	10.1	274	7	13.0	0.0	26.2	82
04/02/2024 04:20	8.6	275	7	12.1	0.0	26.3	82
04/02/2024 04:30	9.2	276	6	12.2	0.0	26.2	82
04/02/2024 04:40	9.3	278	6	13.1	0.0	26.2	82
04/02/2024 04:50	10.1	275	6	13.7	0.0	26.1	82
04/02/2024 05:00	10.6	269	6	14.2	0.0	26.2	83
04/02/2024 05:10	10.4	269	6	13.6	0.0	26.2	83
04/02/2024 05:20	10.0	267	6	12.6	0.0	26.2	83
04/02/2024 05:30	10.4	264	6	13.7	0.0	26.2	83
04/02/2024 05:40	9.6	265	6	12.2	0.0	26.2	83
04/02/2024 05:50	9.4	261	6	12.1	0.0	26.3	83
04/02/2024 06:00	8.9	262	5	11.9	0.0	26.4	83
04/02/2024 06:10	10.1	264	5	13.1	0.0	26.5	83
04/02/2024 06:20	9.4	265	6	12.7	0.0	26.6	83
04/02/2024 06:30	10.0	266	6	13.3	0.0	26.7	82
04/02/2024 06:40	10.9	267	5	13.9	0.0	26.8	81
04/02/2024 06:50	11.2	267	6	14.8	0.0	27.0	80
04/02/2024 07:00	10.4	275	7	14.8	0.0	27.3	79
04/02/2024 07:10	9.2	273	7	12.4	0.0	27.2	81
04/02/2024 07:20	9.1	269	7	12.8	0.0	27.0	82
04/02/2024 07:30	8.9	271	7	12.9	0.0	27.2	80
04/02/2024 07:40	10.0	266	6	13.1	0.0	27.3	79
04/02/2024 07:50	9.9	266	6	13.5	0.0	27.7	77
04/02/2024 08:00	10.0	262	7	13.0	0.0	28.0	75
04/02/2024 08:10	10.1	265	7	13.1	0.0	28.3	74



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/02/2024 08:20	10.3	267	7	13.5	0.0	28.2	73
04/02/2024 08:30	9.6	264	9	13.0	0.0	28.4	73
04/02/2024 08:40	10.3	262	7	13.0	0.0	28.4	73
04/02/2024 08:50	9.4	270	7	12.6	0.0	28.7	72
04/02/2024 09:00	9.7	258	9	12.7	0.0	28.6	72
04/02/2024 09:10	8.7	267	8	11.7	0.0	28.6	72
04/02/2024 09:20	9.3	268	9	12.5	0.0	28.7	72
04/02/2024 09:30	8.9	264	9	11.8	0.0	28.8	71
04/02/2024 09:40	9.0	270	9	12.3	0.0	29.0	70
04/02/2024 09:50	9.1	276	8	11.9	0.0	29.0	71
04/02/2024 10:00	9.9	273	7	12.5	0.0	29.0	70
04/02/2024 10:10	10.2	274	8	12.8	0.0	29.1	72
04/02/2024 10:20	10.0	275	8	13.3	0.0	29.0	72
04/02/2024 10:30	10.0	274	6	12.7	0.0	29.0	72
04/02/2024 10:40	9.3	278	10	12.2	0.0	29.2	71
04/02/2024 10:50	9.6	275	9	12.7	0.0	29.2	70
04/02/2024 11:00	9.8	274	7	12.5	0.0	29.3	71
04/02/2024 11:10	9.7	276	8	12.3	0.0	29.3	71
04/02/2024 11:20	9.6	275	6	12.1	0.0	29.4	71
04/02/2024 11:30	9.4	276	8	11.7	0.0	29.4	72
04/02/2024 11:40	9.1	283	9	11.5	0.0	29.5	71
04/02/2024 11:50	9.1	285	9	11.8	0.0	29.7	70
04/02/2024 12:00	8.4	280	11	10.9	0.0	30.2	69
04/02/2024 12:10	9.2	279	7	11.5	0.0	30.1	68
04/02/2024 12:20	9.1	281	7	11.7	0.0	30.2	68
04/02/2024 12:30	8.8	276	8	11.1	0.0	30.8	64
04/02/2024 12:40	8.2	285	10	10.4	0.0	31.3	63
04/02/2024 12:50	8.8	292	7	11.3	0.0	30.3	69
04/02/2024 13:00	9.7	290	6	12.0	0.0	30.1	68
04/02/2024 13:10	9.3	291	6	11.7	0.0	29.6	70
04/02/2024 13:20	8.9	293	9	11.8	0.0	29.6	70
04/02/2024 13:30	8.5	298	9	11.2	0.0	29.7	70
04/02/2024 13:40	8.9	293	8	11.8	0.0	29.6	70
04/02/2024 13:50	9.3	290	8	12.5	0.0	29.8	69
04/02/2024 14:00	9.1	292	6	11.7	0.0	29.9	68
04/02/2024 14:10	8.7	293	7	10.9	0.0	29.9	69
04/02/2024 14:20	8.6	288	7	11.7	0.0	30.3	67
04/02/2024 14:30	8.1	288	9	11.8	0.0	30.6	66
04/02/2024 14:40	9.4	283	6	12.2	0.0	30.6	65
04/02/2024 14:50	9.4	287	6	12.2	0.0	30.2	66
04/02/2024 15:00	9.0	284	6	11.2	0.0	30.1	68
04/02/2024 15:10	8.9	284	8	11.3	0.0	29.9	69
04/02/2024 15:20	9.1	286	6	11.9	0.0	29.7	70
04/02/2024 15:30	8.7	287	7	13.0	0.0	29.8	70
04/02/2024 15:40	8.1	292	10	11.5	0.0	29.5	71
04/02/2024 15:50	7.8	294	13	11.5	0.0	29.7	70
04/02/2024 16:00	8.7	285	6	11.4	0.0	29.4	71
04/02/2024 16:10	9.3	292	6	11.4	0.0	29.0	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/02/2024 16:20	9.1	285	7	11.6	0.0	29.1	72
04/02/2024 16:30	9.6	293	6	11.6	0.0	28.8	73
04/02/2024 16:40	9.2	290	6	12.0	0.0	28.9	72
04/02/2024 16:50	8.7	287	7	12.2	0.0	29.4	70
04/02/2024 17:00	8.6	290	7	12.3	0.0	29.1	71
04/02/2024 17:10	9.8	285	6	12.5	0.0	28.9	72
04/02/2024 17:20	9.3	286	7	12.4	0.0	28.6	73
04/02/2024 17:30	10.3	286	6	13.2	0.0	28.3	74
04/02/2024 17:40	9.5	289	7	12.9	0.0	28.2	75
04/02/2024 17:50	9.6	288	6	12.5	0.0	28.1	75
04/02/2024 18:00	9.3	293	6	12.0	0.0	27.8	76
04/02/2024 18:10	9.4	296	6	12.0	0.0	27.6	76
04/02/2024 18:20	9.4	295	6	12.1	0.0	27.6	76
04/02/2024 18:30	9.5	290	6	11.9	0.0	27.8	74
04/02/2024 18:40	9.5	290	7	12.4	0.0	27.9	73
04/02/2024 18:50	10.1	291	6	12.5	0.0	27.7	74
04/02/2024 19:00	9.4	290	7	12.3	0.0	27.6	76
04/02/2024 19:10	9.2	288	7	12.5	0.0	27.5	77
04/02/2024 19:20	10.1	289	7	13.4	0.0	27.4	77
04/02/2024 19:30	9.2	289	6	12.2	0.0	27.3	78
04/02/2024 19:40	10.6	288	6	13.6	0.0	27.2	80
04/02/2024 19:50	9.7	289	6	12.6	0.0	27.0	81
04/02/2024 20:00	10.1	290	6	13.1	0.0	27.0	82
04/02/2024 20:10	9.9	290	6	12.6	0.0	26.9	83
04/02/2024 20:20	10.4	290	6	13.1	0.0	26.8	83
04/02/2024 20:30	10.1	288	6	13.6	0.0	26.7	83
04/02/2024 20:40	10.0	289	7	13.6	0.0	26.7	83
04/02/2024 20:50	10.5	288	6	13.8	0.0	26.6	83
04/02/2024 21:00	10.4	285	6	13.2	0.0	26.7	84
04/02/2024 21:10	10.7	286	6	13.4	0.0	26.6	83
04/02/2024 21:20	10.4	287	7	13.2	0.0	26.6	83
04/02/2024 21:30	10.6	287	6	13.8	0.0	26.6	84
04/02/2024 21:40	9.7	286	6	13.2	0.0	26.6	84
04/02/2024 21:50	10.5	287	6	13.2	0.0	26.5	85
04/02/2024 22:00	10.3	287	6	13.3	0.0	26.4	85
04/02/2024 22:10	10.1	289	7	13.1	0.0	26.5	85
04/02/2024 22:20	10.3	289	6	13.4	0.0	26.4	84
04/02/2024 22:30	9.9	289	6	13.6	0.0	26.5	84
04/02/2024 22:40	9.9	289	6	12.8	0.0	26.5	84
04/02/2024 22:50	9.7	290	7	12.7	0.0	26.4	84
04/02/2024 23:00	9.8	290	7	13.0	0.0	26.4	84
04/02/2024 23:10	10.0	290	7	13.2	0.0	26.5	83
04/02/2024 23:20	9.6	290	7	12.4	0.0	26.5	83
04/02/2024 23:30	9.1	289	7	11.6	0.0	26.5	83
04/02/2024 23:40	8.4	289	8	11.2	0.0	26.5	83
04/02/2024 23:50	7.4	286	7	11.0	0.0	26.5	83
05/02/2024 00:00	7.3	285	7	10.2	0.0	26.5	83
05/02/2024 00:10	7.6	287	7	11.3	0.0	26.6	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/02/2024 00:20	7.2	286	6	10.9	0.0	26.6	83
05/02/2024 00:30	6.1	286	8	8.6	0.0	26.6	84
05/02/2024 00:40	6.5	290	8	8.9	0.0	26.6	84
05/02/2024 00:50	6.8	291	7	9.5	0.0	26.7	83
05/02/2024 01:00	7.4	293	7	10.2	0.0	26.7	83
05/02/2024 01:10	8.4	291	8	10.9	0.0	26.8	83
05/02/2024 01:20	8.3	289	6	10.7	0.0	26.8	83
05/02/2024 01:30	7.3	290	7	9.5	0.0	26.8	83
05/02/2024 01:40	7.7	290	7	10.3	0.0	26.9	83
05/02/2024 01:50	6.5	289	7	8.7	0.0	26.9	84
05/02/2024 02:00	6.6	288	6	9.1	0.0	26.9	84
05/02/2024 02:10	6.3	289	7	8.7	0.0	27.0	84
05/02/2024 02:20	5.6	290	7	8.4	0.0	27.1	85
05/02/2024 02:30	5.5	289	7	8.3	0.0	27.2	85
05/02/2024 02:40	5.6	291	7	7.7	0.0	27.3	85
05/02/2024 02:50	5.6	287	6	7.6	0.0	27.4	86
05/02/2024 03:00	5.9	283	7	7.9	0.0	27.5	86
05/02/2024 03:10	6.0	284	6	7.9	0.0	27.7	86
05/02/2024 03:20	5.8	289	6	8.0	0.0	27.8	86
05/02/2024 03:30	6.3	291	6	8.5	0.0	28.0	85
05/02/2024 03:40	6.4	289	7	8.0	0.0	28.3	82
05/02/2024 03:50	6.0	287	6	8.1	0.0	28.5	80
05/02/2024 04:00	6.0	286	7	7.4	0.0	28.6	79
05/02/2024 04:10	6.8	284	6	8.6	0.0	28.7	78
05/02/2024 04:20	6.7	281	6	8.6	0.0	28.8	77
05/02/2024 04:30	6.7	280	7	9.6	0.0	28.8	76
05/02/2024 04:40	6.8	281	6	9.0	0.0	28.9	73
05/02/2024 04:50	6.8	280	6	9.1	0.0	29.0	69
05/02/2024 05:00	6.5	280	6	9.1	0.0	28.9	68
05/02/2024 05:10	6.6	280	6	9.0	0.0	29.0	66
05/02/2024 05:20	6.7	279	6	8.6	0.0	29.1	63
05/02/2024 05:30	6.7	277	6	8.8	0.0	29.1	62
05/02/2024 05:40	7.0	280	5	9.4	0.0	29.1	62
05/02/2024 05:50	7.1	279	5	9.5	0.0	29.0	62
05/02/2024 06:00	7.3	274	6	9.7	0.0	28.9	62
05/02/2024 06:10	7.6	278	5	10.0	0.0	28.9	63
05/02/2024 06:20	8.0	278	6	10.6	0.0	29.0	63
05/02/2024 06:30	7.4	277	5	9.7	0.0	28.9	63
05/02/2024 06:40	7.8	274	6	9.9	0.0	29.0	61
05/02/2024 06:50	7.7	273	6	10.3	0.0	29.1	62
05/02/2024 07:00	8.1	270	6	10.9	0.0	29.2	61
05/02/2024 07:10	7.9	270	6	10.7	0.0	29.4	60
05/02/2024 07:20	7.6	269	8	10.4	0.0	29.6	60
05/02/2024 07:30	8.7	268	6	11.3	0.0	29.6	59
05/02/2024 07:40	8.3	269	5	9.9	0.0	29.7	59
05/02/2024 07:50	9.2	267	6	11.6	0.0	29.8	57
05/02/2024 08:00	9.5	267	7	11.9	0.0	29.7	57
05/02/2024 08:10	8.2	267	6	10.3	0.0	30.0	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/02/2024 08:20	8.3	264	6	11.1	0.0	30.1	56
05/02/2024 08:30	7.8	266	8	10.5	0.0	30.5	54
05/02/2024 08:40	8.7	265	6	10.7	0.0	30.4	53
05/02/2024 08:50	8.4	266	6	10.3	0.0	30.6	53
05/02/2024 09:00	8.2	272	7	10.3	0.0	30.7	53
05/02/2024 09:10	7.6	276	7	9.5	0.0	31.0	52
05/02/2024 09:20	7.7	277	7	9.6	0.0	31.2	52
05/02/2024 09:30	7.2	275	8	9.4	0.0	31.4	52
05/02/2024 09:40	6.5	274	10	8.3	0.0	31.9	51
05/02/2024 09:50	7.1	285	8	9.1	0.0	31.8	52
05/02/2024 10:00	7.3	284	6	9.0	0.0	31.5	54
05/02/2024 10:10	7.1	278	8	8.9	0.0	31.9	53
05/02/2024 10:20	7.3	277	6	9.0	0.0	32.1	52
05/02/2024 10:30	7.9	278	7	10.2	0.0	32.1	53
05/02/2024 10:40	7.8	277	6	9.8	0.0	31.9	54
05/02/2024 10:50	8.2	276	6	10.0	0.0	31.9	53
05/02/2024 11:00	8.1	276	6	10.0	0.0	32.2	53
05/02/2024 11:10	8.0	274	6	9.8	0.0	31.9	54
05/02/2024 11:20	7.9	273	8	9.8	0.0	32.2	54
05/02/2024 11:30	7.7	280	7	9.6	0.0	32.6	54
05/02/2024 11:40	7.6	279	6	9.5	0.0	32.4	54
05/02/2024 11:50	7.6	283	6	9.1	0.0	32.1	55
05/02/2024 12:00	8.1	271	5	9.6	0.0	32.1	55
05/02/2024 12:10	7.8	272	7	9.7	0.0	32.2	55
05/02/2024 12:20	7.4	274	8	9.3	0.0	32.7	53
05/02/2024 12:30	7.3	275	7	8.9	0.0	32.8	54
05/02/2024 12:40	7.0	269	7	8.8	0.0	32.6	55
05/02/2024 12:50	7.3	270	8	8.8	0.0	32.8	54
05/02/2024 13:00	7.2	270	6	8.8	0.0	33.3	52
05/02/2024 13:10	6.8	271	7	8.8	0.0	33.1	53
05/02/2024 13:20	6.8	272	7	8.2	0.0	33.2	54
05/02/2024 13:30	7.0	266	7	8.6	0.0	32.8	56
05/02/2024 13:40	7.5	267	7	10.0	0.0	32.6	57
05/02/2024 13:50	7.2	266	8	9.1	0.0	32.7	57
05/02/2024 14:00	7.2	275	7	8.8	0.0	32.6	57
05/02/2024 14:10	6.7	287	7	8.1	0.0	32.5	59
05/02/2024 14:20	6.6	291	11	8.9	0.0	32.5	60
05/02/2024 14:30	6.8	297	7	8.9	0.0	32.4	60
05/02/2024 14:40	6.6	298	7	8.5	0.0	32.3	61
05/02/2024 14:50	6.5	296	8	8.5	0.0	32.3	60
05/02/2024 15:00	6.2	292	11	8.0	0.0	32.6	59
05/02/2024 15:10	6.2	282	10	7.8	0.0	32.7	58
05/02/2024 15:20	6.7	270	7	8.4	0.0	33.1	53
05/02/2024 15:30	7.5	274	9	9.4	0.0	33.5	47
05/02/2024 15:40	7.2	271	6	8.8	0.0	32.8	51
05/02/2024 15:50	5.8	277	11	7.7	0.0	32.7	54
05/02/2024 16:00	6.7	272	10	8.9	0.0	33.0	52
05/02/2024 16:10	7.7	265	7	9.4	0.0	33.2	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/02/2024 16:20	7.6	262	7	9.8	0.0	33.4	48
05/02/2024 16:30	9.1	262	5	11.1	0.0	32.8	48
05/02/2024 16:40	7.7	268	6	9.5	0.0	32.8	50
05/02/2024 16:50	7.0	278	9	9.1	0.0	32.8	52
05/02/2024 17:00	6.7	294	8	8.5	0.0	32.0	56
05/02/2024 17:10	6.1	273	9	7.8	0.0	31.9	59
05/02/2024 17:20	7.6	263	7	9.3	0.0	31.2	62
05/02/2024 17:30	8.0	270	7	10.4	0.0	30.8	62
05/02/2024 17:40	8.6	273	7	10.9	0.0	30.7	63
05/02/2024 17:50	8.3	273	8	10.9	0.0	30.1	64
05/02/2024 18:00	7.9	279	8	10.9	0.0	30.3	63
05/02/2024 18:10	7.5	271	8	10.3	0.0	29.8	65
05/02/2024 18:20	7.2	280	7	10.1	0.0	29.4	68
05/02/2024 18:30	6.9	277	8	8.8	0.0	29.0	70
05/02/2024 18:40	7.9	274	6	10.3	0.0	28.8	72
05/02/2024 18:50	8.3	269	7	10.7	0.0	28.7	71
05/02/2024 19:00	8.0	276	6	10.4	0.0	28.8	68
05/02/2024 19:10	7.5	277	6	10.5	0.0	28.9	67
05/02/2024 19:20	6.6	275	7	9.4	0.0	29.0	67
05/02/2024 19:30	6.8	276	7	8.9	0.0	29.1	66
05/02/2024 19:40	7.3	277	7	9.2	0.0	29.2	66
05/02/2024 19:50	6.8	276	6	9.0	0.0	29.3	65
05/02/2024 20:00	7.9	278	5	9.7	0.0	29.2	65
05/02/2024 20:10	7.2	276	5	9.0	0.0	29.3	65
05/02/2024 20:20	7.6	272	5	10.0	0.0	29.5	63
05/02/2024 20:30	7.5	271	5	10.2	0.0	29.6	60
05/02/2024 20:40	7.7	271	6	10.1	0.0	29.6	59
05/02/2024 20:50	7.9	269	6	10.1	0.0	29.6	60
05/02/2024 21:00	8.5	268	6	10.9	0.0	29.6	61
05/02/2024 21:10	8.0	270	6	11.0	0.0	29.5	62
05/02/2024 21:20	7.9	270	5	10.4	0.0	29.3	65
05/02/2024 21:30	7.7	269	5	9.9	0.0	29.1	67
05/02/2024 21:40	8.4	270	5	11.5	0.0	29.1	66
05/02/2024 21:50	8.3	271	5	10.9	0.0	28.9	68
05/02/2024 22:00	8.6	276	5	11.0	0.0	28.7	70
05/02/2024 22:10	8.2	275	5	10.9	0.0	28.5	71
05/02/2024 22:20	8.0	276	7	10.7	0.0	28.4	71
05/02/2024 22:30	8.2	275	6	10.3	0.0	28.4	70
05/02/2024 22:40	8.0	278	6	10.2	0.0	28.4	70
05/02/2024 22:50	7.9	281	6	9.3	0.0	28.3	70
05/02/2024 23:00	7.1	283	5	9.0	0.0	28.1	72
05/02/2024 23:10	7.8	277	5	10.1	0.0	27.9	72
05/02/2024 23:20	7.9	275	5	10.2	0.0	27.9	72
05/02/2024 23:30	8.5	274	5	10.5	0.0	27.8	72
05/02/2024 23:40	8.6	269	5	11.1	0.0	27.8	73
05/02/2024 23:50	8.2	269	5	10.5	0.0	27.8	75
06/02/2024 00:00	8.4	271	5	10.5	0.0	27.7	76
06/02/2024 00:10	8.1	270	5	10.9	0.0	27.7	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/02/2024 00:20	8.2	266	6	10.3	0.0	27.8	78
06/02/2024 00:30	7.6	270	7	9.5	0.0	27.9	77
06/02/2024 00:40	7.6	269	6	9.8	0.0	27.9	77
06/02/2024 00:50	7.7	270	6	10.1	0.0	28.0	76
06/02/2024 01:00	7.4	270	5	9.7	0.0	28.0	75
06/02/2024 01:10	7.5	270	6	9.6	0.0	28.1	74
06/02/2024 01:20	8.4	267	5	10.7	0.0	28.3	71
06/02/2024 01:30	7.9	265	6	10.1	0.0	28.3	71
06/02/2024 01:40	7.3	262	5	9.1	0.0	28.2	71
06/02/2024 01:50	7.3	263	5	9.6	0.0	28.1	71
06/02/2024 02:00	7.5	266	6	9.8	0.0	28.1	71
06/02/2024 02:10	7.3	265	5	9.0	0.0	28.1	71
06/02/2024 02:20	7.0	263	5	9.1	0.0	28.1	70
06/02/2024 02:30	6.0	262	6	7.9	0.0	28.0	71
06/02/2024 02:40	5.8	259	7	7.9	0.0	28.0	70
06/02/2024 02:50	3.7	241	10	5.3	0.0	28.1	70
06/02/2024 03:00	2.9	224	13	4.5	0.0	28.0	70
06/02/2024 03:10	2.8	220	16	4.5	0.0	27.7	68
06/02/2024 03:20	4.8	254	8	6.1	0.0	27.7	65
06/02/2024 03:30	4.7	246	9	6.2	0.0	27.6	65
06/02/2024 03:40	4.9	236	10	6.5	0.0	27.8	65
06/02/2024 03:50	4.3	240	14	6.0	0.0	27.6	66
06/02/2024 04:00	4.7	272	7	5.8	0.0	27.2	68
06/02/2024 04:10	4.0	267	10	5.6	0.0	26.9	69
06/02/2024 04:20	4.9	268	6	6.3	0.0	26.9	70
06/02/2024 04:30	4.2	268	5	5.2	0.0	26.9	70
06/02/2024 04:40	4.1	267	4	5.1	0.0	26.7	71
06/02/2024 04:50	4.1	267	4	4.9	0.0	26.6	71
06/02/2024 05:00	4.4	271	6	5.6	0.0	26.5	71
06/02/2024 05:10	3.6	266	5	4.6	0.0	26.5	70
06/02/2024 05:20	3.7	274	5	4.5	0.0	26.5	69
06/02/2024 05:30	3.7	266	8	4.8	0.0	26.6	68
06/02/2024 05:40	3.2	260	5	3.9	0.0	26.5	68
06/02/2024 05:50	3.3	257	4	4.1	0.0	26.2	70
06/02/2024 06:00	3.1	263	5	3.9	0.0	25.9	70
06/02/2024 06:10	2.2	266	7	2.9	0.0	25.9	70
06/02/2024 06:20	2.2	243	13	3.4	0.0	26.1	69
06/02/2024 06:30	3.0	250	12	4.3	0.0	26.9	63
06/02/2024 06:40	2.0	228	17	3.2	0.0	27.0	61
06/02/2024 06:50	2.5	206	13	4.3	0.0	27.3	60
06/02/2024 07:00	2.9	209	10	4.1	0.0	27.4	63
06/02/2024 07:10	2.9	208	8	3.7	0.0	27.8	61
06/02/2024 07:20	2.5	208	7	3.1	0.0	28.2	58
06/02/2024 07:30	2.4	207	10	3.2	0.0	28.4	56
06/02/2024 07:40	2.3	183	18	3.5	0.0	28.8	54
06/02/2024 07:50	2.7	169	14	4.1	0.0	28.4	56
06/02/2024 08:00	2.0	120	21	3.4	0.0	28.4	60
06/02/2024 08:10	2.9	120	16	4.6	0.0	28.5	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/02/2024 08:20	3.3	122	16	5.3	0.0	28.5	63
06/02/2024 08:30	4.1	110	13	6.2	0.0	28.7	63
06/02/2024 08:40	4.3	103	14	6.3	0.0	29.4	63
06/02/2024 08:50	5.0	89	11	6.9	0.0	29.6	65
06/02/2024 09:00	6.4	87	9	8.7	0.0	29.9	71
06/02/2024 09:10	6.9	85	8	8.7	0.0	29.6	73
06/02/2024 09:20	6.7	83	10	10.4	0.0	29.9	72
06/02/2024 09:30	8.3	74	6	10.4	0.0	29.3	74
06/02/2024 09:40	8.6	79	6	11.3	0.0	29.1	74
06/02/2024 09:50	8.1	82	8	10.6	0.0	29.4	72
06/02/2024 10:00	8.6	80	8	11.5	0.0	29.4	70
06/02/2024 10:10	8.2	81	9	10.9	0.0	29.4	70
06/02/2024 10:20	8.0	68	10	10.6	0.0	29.5	69
06/02/2024 10:30	7.9	65	8	12.0	0.0	29.9	67
06/02/2024 10:40	8.5	64	7	10.9	0.0	29.5	68
06/02/2024 10:50	8.8	64	9	11.6	0.0	29.6	67
06/02/2024 11:00	8.7	66	9	11.4	0.0	29.5	67
06/02/2024 11:10	8.3	69	10	11.9	0.0	29.6	67
06/02/2024 11:20	8.1	67	9	11.7	0.0	29.5	67
06/02/2024 11:30	7.6	65	12	10.7	0.0	29.7	66
06/02/2024 11:40	6.4	64	10	8.4	0.0	29.9	66
06/02/2024 11:50	6.6	76	8	8.8	0.0	30.9	62
06/02/2024 12:00	6.1	72	9	8.4	0.0	31.1	61
06/02/2024 12:10	5.8	72	11	7.6	0.0	31.1	61
06/02/2024 12:20	4.7	48	20	7.6	0.0	31.3	61
06/02/2024 12:30	4.7	13	19	6.6	0.0	31.9	59
06/02/2024 12:40	4.2	5	20	7.1	0.0	31.6	60
06/02/2024 12:50	4.3	3	16	7.2	0.0	31.8	59
06/02/2024 13:00	3.8	359	21	6.5	0.0	31.7	59
06/02/2024 13:10	3.6	179	17	5.9	0.0	32.0	59
06/02/2024 13:20	3.4	175	21	5.4	0.0	31.7	60
06/02/2024 13:30	3.9	342	20	5.7	0.0	31.5	61
06/02/2024 13:40	3.8	175	23	6.2	0.0	31.5	61
06/02/2024 13:50	4.1	337	16	6.7	0.0	31.1	63
06/02/2024 14:00	4.7	346	14	6.4	0.0	31.4	61
06/02/2024 14:10	4.5	176	21	6.3	0.0	31.5	60
06/02/2024 14:20	4.5	8	14	7.0	0.0	31.8	58
06/02/2024 14:30	4.9	3	13	7.2	0.0	31.9	58
06/02/2024 14:40	5.2	1	11	6.9	0.0	31.7	58
06/02/2024 14:50	5.3	182	11	7.5	0.0	31.8	58
06/02/2024 15:00	5.4	5	12	7.5	0.0	31.8	57
06/02/2024 15:10	5.6	357	10	7.3	0.0	31.3	59
06/02/2024 15:20	5.1	181	11	7.4	0.0	31.4	58
06/02/2024 15:30	4.9	177	12	7.0	0.0	31.5	58
06/02/2024 15:40	4.8	179	14	7.2	0.0	31.4	59
06/02/2024 15:50	5.1	356	10	7.1	0.0	31.4	59
06/02/2024 16:00	4.7	346	15	6.9	0.0	31.4	60
06/02/2024 16:10	4.7	353	13	6.8	0.0	31.5	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/02/2024 16:20	5.2	342	11	7.3	0.0	31.4	60
06/02/2024 16:30	4.9	338	11	6.4	0.0	30.9	62
06/02/2024 16:40	4.9	342	13	6.8	0.0	30.8	62
06/02/2024 16:50	5.0	341	11	6.5	0.0	30.2	65
06/02/2024 17:00	5.3	337	14	7.5	0.0	29.9	66
06/02/2024 17:10	5.5	334	9	8.2	0.0	29.8	65
06/02/2024 17:20	5.4	341	10	7.4	0.0	29.6	66
06/02/2024 17:30	5.7	334	8	7.5	0.0	29.8	64
06/02/2024 17:40	5.6	333	10	7.1	0.0	29.7	63
06/02/2024 17:50	5.9	332	8	8.1	0.0	29.7	64
06/02/2024 18:00	5.9	334	8	7.9	0.0	29.5	64
06/02/2024 18:10	5.8	333	10	7.9	0.0	29.5	65
06/02/2024 18:20	6.2	332	8	8.3	0.0	29.1	67
06/02/2024 18:30	6.2	330	9	8.7	0.0	28.9	70
06/02/2024 18:40	6.6	328	7	8.6	0.0	28.5	70
06/02/2024 18:50	6.8	326	8	9.1	0.0	28.5	71
06/02/2024 19:00	7.0	324	6	9.0	0.0	28.3	72
06/02/2024 19:10	6.8	321	7	8.5	0.0	28.1	75
06/02/2024 19:20	6.1	312	11	8.5	0.0	28.0	76
06/02/2024 19:30	5.6	304	9	8.4	0.0	27.8	77
06/02/2024 19:40	6.0	307	9	8.1	0.0	27.5	78
06/02/2024 19:50	5.5	299	10	7.4	0.0	27.5	78
06/02/2024 20:00	4.8	301	10	7.2	0.0	27.5	78
06/02/2024 20:10	5.0	298	11	7.0	0.0	27.4	79
06/02/2024 20:20	4.8	298	11	6.8	0.0	27.3	79
06/02/2024 20:30	4.6	292	11	6.8	0.0	27.4	79
06/02/2024 20:40	4.7	292	10	6.4	0.0	27.3	79
06/02/2024 20:50	4.9	290	8	6.7	0.0	27.3	78
06/02/2024 21:00	4.8	289	8	6.2	0.0	27.3	78
06/02/2024 21:10	4.6	289	9	6.6	0.0	27.3	79
06/02/2024 21:20	4.8	292	8	6.5	0.0	27.2	80
06/02/2024 21:30	5.1	295	8	7.0	0.0	27.2	80
06/02/2024 21:40	5.0	293	8	6.5	0.0	27.1	81
06/02/2024 21:50	5.1	294	8	7.1	0.0	27.1	80
06/02/2024 22:00	4.2	290	9	6.2	0.0	27.2	79
06/02/2024 22:10	4.9	273	6	6.1	0.0	27.1	80
06/02/2024 22:20	4.5	275	7	5.8	0.0	26.9	81
06/02/2024 22:30	3.2	264	10	4.4	0.0	26.9	81
06/02/2024 22:40	3.7	260	7	4.7	0.0	26.9	82
06/02/2024 22:50	3.0	262	7	4.4	0.0	26.8	82
06/02/2024 23:00	3.3	259	7	4.2	0.0	26.7	83
06/02/2024 23:10	2.9	258	6	3.9	0.0	26.6	83
06/02/2024 23:20	2.4	262	8	3.5	0.0	26.6	81
06/02/2024 23:30	2.3	263	8	3.0	0.0	26.7	81
06/02/2024 23:40	2.0	281	7	2.9	0.0	26.7	80
06/02/2024 23:50	2.0	267	9	2.7	0.0	26.9	80
07/02/2024 00:00	2.7	270	6	3.4	0.0	26.9	80
07/02/2024 00:10	2.9	277	7	3.5	0.0	26.8	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/02/2024 00:20	3.0	288	7	4.3	0.0	26.8	81
07/02/2024 00:30	3.0	282	9	4.3	0.0	26.8	80
07/02/2024 00:40	3.2	289	7	4.5	0.0	26.7	79
07/02/2024 00:50	2.8	282	7	3.8	0.0	26.7	79
07/02/2024 01:00	3.3	288	7	4.3	0.0	26.6	79
07/02/2024 01:10	3.2	284	6	4.3	0.0	26.6	78
07/02/2024 01:20	3.1	284	7	4.3	0.0	26.5	79
07/02/2024 01:30	2.8	282	7	3.8	0.0	26.5	79
07/02/2024 01:40	2.9	281	10	3.9	0.0	26.4	80
07/02/2024 01:50	2.9	273	8	3.9	0.0	26.4	80
07/02/2024 02:00	2.4	274	8	3.4	0.0	26.4	81
07/02/2024 02:10	2.9	271	7	3.8	0.0	26.3	83
07/02/2024 02:20	3.0	265	6	4.1	0.0	26.4	84
07/02/2024 02:30	3.5	260	6	4.5	0.0	26.3	85
07/02/2024 02:40	3.1	246	10	4.4	0.0	26.2	85
07/02/2024 02:50	3.7	254	8	5.1	0.0	26.2	85
07/02/2024 03:00	3.6	262	5	4.5	0.0	26.1	85
07/02/2024 03:10	3.7	263	5	4.5	0.0	26.1	85
07/02/2024 03:20	3.0	270	6	3.9	0.0	26.0	85
07/02/2024 03:30	3.3	268	5	4.2	0.0	26.1	86
07/02/2024 03:40	3.4	263	5	4.4	0.0	26.1	86
07/02/2024 03:50	3.5	262	5	4.2	0.0	26.0	86
07/02/2024 04:00	3.5	257	7	4.8	0.0	26.0	86
07/02/2024 04:10	3.6	236	7	4.9	0.0	26.0	85
07/02/2024 04:20	3.5	238	8	4.8	0.0	26.0	85
07/02/2024 04:30	2.5	243	13	3.8	0.0	26.1	84
07/02/2024 04:40	2.5	220	18	3.5	0.0	26.1	84
07/02/2024 04:50	2.2	195	15	3.1	0.0	26.1	84
07/02/2024 05:00	2.3	202	13	3.0	0.0	26.1	84
07/02/2024 05:10	2.0	212	14	2.8	0.0	26.1	84
07/02/2024 05:20	2.0	250	14	2.9	0.0	26.2	84
07/02/2024 05:30	2.8	270	4	3.4	0.0	26.1	84
07/02/2024 05:40	2.4	262	11	2.9	0.0	26.0	84
07/02/2024 05:50	2.5	271	5	3.2	0.0	26.0	84
07/02/2024 06:00	2.7	264	5	3.2	0.0	25.9	84
07/02/2024 06:10	3.6	258	5	4.6	0.0	25.9	83
07/02/2024 06:20	3.8	241	10	4.9	0.0	26.1	80
07/02/2024 06:30	3.7	253	8	4.5	0.0	26.3	80
07/02/2024 06:40	2.9	248	11	4.2	0.0	26.3	81
07/02/2024 06:50	3.1	246	10	4.2	0.0	26.5	80
07/02/2024 07:00	3.1	259	9	3.9	0.0	26.7	80
07/02/2024 07:10	3.1	258	12	4.1	0.0	26.9	79
07/02/2024 07:20	3.0	255	11	4.0	0.0	27.1	78
07/02/2024 07:30	2.8	241	17	3.7	0.0	27.4	75
07/02/2024 07:40	2.5	217	16	3.6	0.0	27.6	73
07/02/2024 07:50	2.3	195	26	3.4	0.0	28.1	71
07/02/2024 08:00	1.8	193	19	2.9	0.0	28.3	70
07/02/2024 08:10	2.2	195	14	3.3	0.0	28.7	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/02/2024 08:20	1.5	208	21	2.9	0.0	28.8	67
07/02/2024 08:30	1.7	210	20	2.6	0.0	29.2	64
07/02/2024 08:40	1.6	212	24	2.9	0.0	29.5	63
07/02/2024 08:50	1.6	213	31	2.8	0.0	30.3	59
07/02/2024 09:00	1.7	176	34	3.0	0.0	30.6	57
07/02/2024 09:10	1.3	171	33	2.5	0.0	31.8	54
07/02/2024 09:20	1.9	130	52	3.7	0.0	31.9	54
07/02/2024 09:30	2.8	84	17	3.9	0.0	31.9	53
07/02/2024 09:40	2.1	110	27	3.4	0.0	32.4	51
07/02/2024 09:50	2.3	82	21	3.7	0.0	32.9	50
07/02/2024 10:00	2.7	76	16	4.2	0.0	32.8	51
07/02/2024 10:10	2.8	99	24	4.3	0.0	33.2	50
07/02/2024 10:20	2.4	115	24	3.6	0.0	33.9	48
07/02/2024 10:30	2.5	139	19	3.9	0.0	33.6	47
07/02/2024 10:40	2.1	132	18	3.5	0.0	33.8	44
07/02/2024 10:50	2.1	119	38	3.5	0.0	34.5	44
07/02/2024 11:00	3.0	81	23	5.2	0.0	34.7	43
07/02/2024 11:10	3.4	115	31	6.4	0.0	35.1	41
07/02/2024 11:20	3.9	95	28	6.9	0.0	35.8	36
07/02/2024 11:30	4.2	108	17	6.4	0.0	35.1	38
07/02/2024 11:40	4.2	97	14	6.3	0.0	35.4	36
07/02/2024 11:50	4.2	66	22	7.4	0.0	35.3	37
07/02/2024 12:00	4.4	48	19	8.2	0.0	35.6	37
07/02/2024 12:10	3.8	51	21	6.1	0.0	35.7	33
07/02/2024 12:20	4.6	42	23	8.5	0.0	35.6	35
07/02/2024 12:30	5.1	61	16	7.6	0.0	35.8	31
07/02/2024 12:40	4.7	50	18	7.7	0.0	36.3	31
07/02/2024 12:50	6.0	58	13	9.0	0.0	36.3	29
07/02/2024 13:00	5.6	58	20	9.9	0.0	36.6	30
07/02/2024 13:10	4.0	34	19	6.6	0.0	35.8	39
07/02/2024 13:20	3.8	11	29	8.4	0.0	35.4	41
07/02/2024 13:30	4.7	174	13	7.4	0.0	34.8	47
07/02/2024 13:40	5.0	182	13	7.2	0.0	34.9	45
07/02/2024 13:50	4.5	7	18	7.1	0.0	35.5	41
07/02/2024 14:00	4.2	179	18	6.2	0.0	35.1	45
07/02/2024 14:10	4.3	7	16	6.3	0.0	35.6	42
07/02/2024 14:20	4.5	348	22	6.5	0.0	34.3	51
07/02/2024 14:30	4.1	349	17	6.5	0.0	34.0	52
07/02/2024 14:40	4.3	346	15	6.4	0.0	33.3	55
07/02/2024 14:50	4.2	336	13	5.6	0.0	33.4	55
07/02/2024 15:00	5.0	336	15	6.4	0.0	33.0	57
07/02/2024 15:10	4.6	175	12	6.1	0.0	33.9	51
07/02/2024 15:20	4.7	350	14	6.3	0.0	34.2	49
07/02/2024 15:30	5.1	340	13	6.9	0.0	33.6	50
07/02/2024 15:40	4.8	344	10	6.8	0.0	33.0	52
07/02/2024 15:50	5.1	340	12	6.7	0.0	32.9	52
07/02/2024 16:00	5.4	341	11	7.0	0.0	32.9	50
07/02/2024 16:10	5.2	342	11	8.1	0.0	32.7	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/02/2024 16:20	5.0	328	12	7.7	0.0	32.3	50
07/02/2024 16:30	5.1	328	13	7.3	0.0	32.0	49
07/02/2024 16:40	4.8	335	17	6.9	0.0	32.5	46
07/02/2024 16:50	4.5	343	19	6.0	0.0	32.7	43
07/02/2024 17:00	4.3	347	12	6.8	0.0	33.2	41
07/02/2024 17:10	4.5	344	13	6.9	0.0	32.7	42
07/02/2024 17:20	4.9	346	11	7.1	0.0	32.4	42
07/02/2024 17:30	5.0	338	12	7.6	0.0	32.5	41
07/02/2024 17:40	5.0	336	11	7.4	0.0	33.0	39
07/02/2024 17:50	5.6	334	11	7.9	0.0	32.9	37
07/02/2024 18:00	6.3	334	10	8.0	0.0	32.2	42
07/02/2024 18:10	5.3	330	12	7.4	0.0	32.0	46
07/02/2024 18:20	5.4	325	8	8.1	0.0	31.5	49
07/02/2024 18:30	5.0	326	10	6.9	0.0	31.5	50
07/02/2024 18:40	5.1	316	8	7.2	0.0	30.9	53
07/02/2024 18:50	4.0	307	12	6.0	0.0	30.5	58
07/02/2024 19:00	4.8	292	9	6.4	0.0	30.2	58
07/02/2024 19:10	4.6	294	9	6.5	0.0	30.4	54
07/02/2024 19:20	4.5	292	8	6.3	0.0	30.4	53
07/02/2024 19:30	3.9	280	9	5.4	0.0	30.2	58
07/02/2024 19:40	4.5	282	8	6.3	0.0	29.8	60
07/02/2024 19:50	5.1	291	10	7.1	0.0	30.0	54
07/02/2024 20:00	5.9	276	6	7.1	0.0	29.8	59
07/02/2024 20:10	6.0	275	4	7.3	0.0	29.4	63
07/02/2024 20:20	5.5	276	5	6.8	0.0	29.3	62
07/02/2024 20:30	5.4	278	6	6.7	0.0	29.2	65
07/02/2024 20:40	4.9	283	6	6.6	0.0	29.0	66
07/02/2024 20:50	4.9	282	7	6.3	0.0	29.0	65
07/02/2024 21:00	5.2	276	5	6.4	0.0	29.0	65
07/02/2024 21:10	5.1	277	6	6.6	0.0	28.8	71
07/02/2024 21:20	4.9	279	6	6.9	0.0	28.5	72
07/02/2024 21:30	5.1	277	6	6.1	0.0	28.5	73
07/02/2024 21:40	5.5	279	5	7.2	0.0	28.4	72
07/02/2024 21:50	5.8	277	5	7.1	0.0	28.4	71
07/02/2024 22:00	5.9	277	5	7.3	0.0	28.4	72
07/02/2024 22:10	6.0	274	5	7.4	0.0	28.4	72
07/02/2024 22:20	5.4	272	6	6.9	0.0	28.4	73
07/02/2024 22:30	5.4	269	6	7.1	0.0	28.3	72
07/02/2024 22:40	5.7	264	6	7.3	0.0	28.4	70
07/02/2024 22:50	5.6	263	5	7.2	0.0	28.5	68
07/02/2024 23:00	5.3	264	6	6.4	0.0	28.6	66
07/02/2024 23:10	5.7	263	6	7.0	0.0	28.7	66
07/02/2024 23:20	5.9	262	5	7.5	0.0	28.7	66
07/02/2024 23:30	5.6	261	6	6.9	0.0	28.7	65
07/02/2024 23:40	5.3	263	5	7.0	0.0	28.8	64
07/02/2024 23:50	5.5	260	5	6.9	0.0	28.8	63
08/02/2024 00:00	4.6	256	5	6.0	0.0	28.8	64
08/02/2024 00:10	4.5	258	5	5.8	0.0	28.6	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/02/2024 00:20	4.1	249	9	6.0	0.0	28.6	64
08/02/2024 00:30	4.4	243	12	6.4	0.0	29.0	63
08/02/2024 00:40	3.9	228	13	6.3	0.0	29.2	61
08/02/2024 00:50	3.8	203	10	5.5	0.0	29.2	58
08/02/2024 01:00	3.3	196	8	5.0	0.0	29.1	55
08/02/2024 01:10	2.8	193	11	4.3	0.0	29.0	53
08/02/2024 01:20	2.4	195	12	3.9	0.0	29.1	50
08/02/2024 01:30	2.5	189	10	3.7	0.0	29.2	48
08/02/2024 01:40	2.5	194	10	3.3	0.0	29.3	47
08/02/2024 01:50	2.2	197	13	3.2	0.0	29.6	45
08/02/2024 02:00	2.3	194	10	3.2	0.0	29.8	43
08/02/2024 02:10	2.0	192	11	3.1	0.0	29.9	42
08/02/2024 02:20	1.6	195	14	3.0	0.0	30.2	40
08/02/2024 02:30	1.8	192	10	2.6	0.0	30.4	39
08/02/2024 02:40	2.2	189	8	2.8	0.0	30.5	39
08/02/2024 02:50	2.2	180	10	3.2	0.0	30.8	38
08/02/2024 03:00	2.3	183	10	3.6	0.0	30.9	37
08/02/2024 03:10	1.8	178	16	3.1	0.0	31.2	36
08/02/2024 03:20	1.3	183	25	2.6	0.0	31.2	36
08/02/2024 03:30	1.5	187	26	3.2	0.0	31.3	35
08/02/2024 03:40	1.4	207	27	2.2	0.0	31.4	35
08/02/2024 03:50	1.7	197	27	3.0	0.0	31.3	35
08/02/2024 04:00	2.6	199	24	4.4	0.0	31.4	34
08/02/2024 04:10	3.1	202	19	4.7	0.0	31.4	34
08/02/2024 04:20	1.4	286	40	2.8	0.0	31.1	35
08/02/2024 04:30	2.2	292	17	2.9	0.0	30.8	36
08/02/2024 04:40	2.5	236	17	3.5	0.0	30.7	36
08/02/2024 04:50	3.4	263	10	4.7	0.0	30.1	38
08/02/2024 05:00	2.3	253	11	3.0	0.0	29.7	40
08/02/2024 05:10	1.9	229	18	3.1	0.0	29.8	40
08/02/2024 05:20	2.1	215	24	3.6	0.0	30.1	39
08/02/2024 05:30	3.4	241	12	5.6	0.0	30.1	41
08/02/2024 05:40	3.8	264	8	4.9	0.0	29.9	43
08/02/2024 05:50	2.0	287	15	3.6	0.0	29.5	46
08/02/2024 06:00	1.5	288	19	2.8	0.0	29.7	44
08/02/2024 06:10	1.7	269	18	2.8	0.0	30.0	43
08/02/2024 06:20	1.8	269	16	3.0	0.0	30.0	43
08/02/2024 06:30	1.3	274	18	2.0	0.0	29.8	45
08/02/2024 06:40	1.6	272	16	2.3	0.0	29.9	45
08/02/2024 06:50	1.7	257	13	2.8	0.0	29.9	45
08/02/2024 07:00	2.1	279	15	3.2	0.0	30.3	45
08/02/2024 07:10	2.4	268	11	3.5	0.0	30.6	44
08/02/2024 07:20	1.4	259	18	2.3	0.0	30.8	44
08/02/2024 07:30	1.8	240	31	3.4	0.0	31.4	42
08/02/2024 07:40	4.3	218	13	6.0	0.0	32.4	36
08/02/2024 07:50	4.3	213	12	6.5	0.0	32.8	35
08/02/2024 08:00	4.8	209	8	6.9	0.0	33.3	32
08/02/2024 08:10	4.8	206	9	6.9	0.0	33.4	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/02/2024 08:20	4.5	201	11	6.5	0.0	34.0	31
08/02/2024 08:30	4.5	195	11	6.8	0.0	34.5	30
08/02/2024 08:40	4.0	191	14	6.8	0.0	35.1	28
08/02/2024 08:50	4.3	181	13	6.0	0.0	35.5	27
08/02/2024 09:00	4.3	177	12	5.9	0.0	35.6	28
08/02/2024 09:10	3.3	155	22	5.6	0.0	36.4	24
08/02/2024 09:20	3.3	131	18	4.9	0.0	37.0	22
08/02/2024 09:30	3.1	121	20	5.3	0.0	36.9	25
08/02/2024 09:40	3.2	120	17	5.3	0.0	36.8	26
08/02/2024 09:50	3.6	111	13	5.7	0.0	36.7	29
08/02/2024 10:00	3.9	112	13	6.3	0.0	36.9	25
08/02/2024 10:10	5.1	103	11	6.9	0.0	37.9	19
08/02/2024 10:20	5.4	90	9	7.9	0.0	38.2	19
08/02/2024 10:30	5.2	91	10	7.6	0.0	38.5	16
08/02/2024 10:40	5.4	85	10	8.6	0.0	38.8	16
08/02/2024 10:50	5.8	74	9	8.0	0.0	38.7	16
08/02/2024 11:00	6.4	85	10	9.7	0.0	38.8	15
08/02/2024 11:10	7.5	77	7	10.5	0.0	38.8	13
08/02/2024 11:20	7.6	68	11	11.1	0.0	39.2	12
08/02/2024 11:30	7.8	61	7	10.1	0.0	39.3	12
08/02/2024 11:40	7.3	63	9	10.0	0.0	39.2	13
08/02/2024 11:50	7.3	53	11	10.0	0.0	39.5	12
08/02/2024 12:00	7.5	55	9	10.0	0.0	39.5	10
08/02/2024 12:10	8.2	57	5	10.2	0.0	39.4	10
08/02/2024 12:20	8.1	59	8	10.3	0.0	39.4	10
08/02/2024 12:30	7.4	62	9	9.9	0.0	39.6	10
08/02/2024 12:40	7.5	62	9	9.7	0.0	39.5	10
08/02/2024 12:50	7.0	59	8	9.8	0.0	39.7	10
08/02/2024 13:00	6.9	63	8	9.4	0.0	40.0	10
08/02/2024 13:10	6.8	61	9	9.0	0.0	40.0	9
08/02/2024 13:20	6.8	66	8	8.8	0.0	40.5	9
08/02/2024 13:30	6.7	68	8	8.5	0.0	40.3	9
08/02/2024 13:40	5.7	53	20	7.9	0.0	40.8	10
08/02/2024 13:50	5.3	18	15	8.3	0.0	40.4	14
08/02/2024 14:00	6.2	13	11	8.2	0.0	40.3	12
08/02/2024 14:10	6.1	180	15	8.4	0.0	39.4	17
08/02/2024 14:20	5.0	348	13	7.4	0.0	39.1	20
08/02/2024 14:30	5.5	330	12	7.3	0.0	38.4	22
08/02/2024 14:40	5.8	329	10	7.4	0.0	37.5	22
08/02/2024 14:50	5.9	348	11	7.9	0.0	38.0	17
08/02/2024 15:00	6.5	338	10	8.3	0.0	38.0	15
08/02/2024 15:10	6.8	334	8	8.6	0.0	37.9	15
08/02/2024 15:20	6.9	340	9	8.4	0.0	37.8	18
08/02/2024 15:30	7.1	329	9	8.9	0.0	37.2	21
08/02/2024 15:40	7.4	327	8	10.0	0.0	36.7	22
08/02/2024 15:50	6.5	315	11	9.4	0.0	36.7	23
08/02/2024 16:00	6.0	305	11	8.2	0.0	36.7	25
08/02/2024 16:10	6.5	307	10	8.8	0.0	36.7	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/02/2024 16:20	6.7	306	8	8.8	0.0	36.4	26
08/02/2024 16:30	5.8	301	11	8.0	0.0	36.7	23
08/02/2024 16:40	6.2	291	12	8.2	0.0	36.7	25
08/02/2024 16:50	6.5	310	8	9.2	0.0	36.1	24
08/02/2024 17:00	6.3	301	11	8.6	0.0	36.0	24
08/02/2024 17:10	6.7	288	7	8.5	0.0	35.8	27
08/02/2024 17:20	6.6	285	7	8.7	0.0	35.9	25
08/02/2024 17:30	6.7	282	7	8.3	0.0	36.1	23
08/02/2024 17:40	5.0	281	9	7.2	0.0	36.2	27
08/02/2024 17:50	5.9	273	10	8.4	0.0	35.0	38
08/02/2024 18:00	5.9	270	7	7.8	0.0	33.6	46
08/02/2024 18:10	6.1	272	7	8.5	0.0	33.7	42
08/02/2024 18:20	5.8	273	5	7.4	0.0	33.4	42
08/02/2024 18:30	5.7	273	6	7.1	0.0	33.2	45
08/02/2024 18:40	5.5	271	8	7.0	0.0	32.8	45
08/02/2024 18:50	5.1	271	7	6.9	0.0	32.6	44
08/02/2024 19:00	4.8	277	7	6.4	0.0	32.6	44
08/02/2024 19:10	4.3	268	8	5.8	0.0	32.2	50
08/02/2024 19:20	4.5	273	8	6.1	0.0	31.9	51
08/02/2024 19:30	4.5	272	7	6.1	0.0	31.9	50
08/02/2024 19:40	4.1	273	9	5.4	0.0	31.9	49
08/02/2024 19:50	5.1	262	6	6.3	0.0	31.4	54
08/02/2024 20:00	5.9	263	6	7.9	0.0	31.5	52
08/02/2024 20:10	5.0	264	6	6.4	0.0	31.3	56
08/02/2024 20:20	5.5	261	6	6.8	0.0	31.3	54
08/02/2024 20:30	5.7	263	4	6.9	0.0	31.5	53
08/02/2024 20:40	5.2	265	5	6.1	0.0	31.7	50
08/02/2024 20:50	4.6	262	5	5.7	0.0	31.7	48
08/02/2024 21:00	5.2	266	4	6.1	0.0	32.0	44
08/02/2024 21:10	5.4	261	4	6.6	0.0	32.2	40
08/02/2024 21:20	5.0	260	6	6.7	0.0	32.2	38
08/02/2024 21:30	5.1	260	5	6.3	0.0	32.3	35
08/02/2024 21:40	5.2	260	5	6.6	0.0	32.5	32
08/02/2024 21:50	4.8	254	7	6.3	0.0	32.7	30
08/02/2024 22:00	4.8	262	8	7.1	0.0	32.7	29
08/02/2024 22:10	5.2	256	7	7.4	0.0	32.9	28
08/02/2024 22:20	5.5	254	8	7.9	0.0	33.0	27
08/02/2024 22:30	5.1	262	6	6.4	0.0	32.9	27
08/02/2024 22:40	6.1	272	5	7.2	0.0	32.7	28
08/02/2024 22:50	5.9	273	5	7.4	0.0	33.0	26
08/02/2024 23:00	6.3	272	5	7.7	0.0	32.9	28
08/02/2024 23:10	7.2	267	6	8.9	0.0	32.7	30
08/02/2024 23:20	6.5	264	6	8.9	0.0	32.5	32
08/02/2024 23:30	5.6	262	7	7.5	0.0	32.2	34
08/02/2024 23:40	5.5	267	11	7.3	0.0	31.9	37
08/02/2024 23:50	4.7	252	9	7.2	0.0	31.8	39
09/02/2024 00:00	6.0	262	7	7.5	0.0	32.0	38
09/02/2024 00:10	5.5	260	6	7.0	0.0	31.7	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/02/2024 00:20	5.2	261	7	7.2	0.0	31.6	43
09/02/2024 00:30	2.6	154	23	4.8	0.0	31.4	44
09/02/2024 00:40	3.6	46	12	4.9	0.0	31.8	40
09/02/2024 00:50	3.2	119	51	5.1	0.0	32.5	36
09/02/2024 01:00	4.5	82	15	7.2	0.0	32.8	35
09/02/2024 01:10	2.3	30	40	3.8	0.0	32.2	36
09/02/2024 01:20	3.9	69	35	7.4	0.0	31.7	41
09/02/2024 01:30	3.1	52	5	3.8	0.0	30.6	48
09/02/2024 01:40	3.7	57	8	4.8	0.0	30.1	56
09/02/2024 01:50	3.4	48	5	4.6	0.0	29.5	64
09/02/2024 02:00	3.7	24	9	4.9	0.0	29.7	62
09/02/2024 02:10	4.5	24	9	6.2	0.0	30.3	61
09/02/2024 02:20	4.8	20	11	6.2	0.0	30.2	59
09/02/2024 02:30	4.8	18	9	6.4	0.0	30.2	59
09/02/2024 02:40	4.4	29	12	5.7	0.0	30.1	59
09/02/2024 02:50	3.4	37	11	5.3	0.0	30.5	53
09/02/2024 03:00	3.8	49	17	6.9	0.0	30.6	50
09/02/2024 03:10	6.5	60	9	10.1	0.0	30.0	60
09/02/2024 03:20	5.7	46	8	8.4	0.0	29.9	57
09/02/2024 03:30	6.5	44	8	10.6	0.0	30.5	50
09/02/2024 03:40	6.5	46	8	9.7	0.0	30.6	50
09/02/2024 03:50	4.8	52	9	7.0	0.0	30.0	57
09/02/2024 04:00	5.0	37	9	7.4	0.0	30.1	52
09/02/2024 04:10	4.2	28	8	6.1	0.0	30.7	46
09/02/2024 04:20	5.1	175	11	6.8	0.0	31.0	44
09/02/2024 04:30	5.4	341	9	7.0	0.0	30.7	47
09/02/2024 04:40	4.2	325	8	5.9	0.0	30.7	51
09/02/2024 04:50	5.6	327	7	7.2	0.0	30.1	61
09/02/2024 05:00	6.1	328	7	7.8	0.0	29.8	67
09/02/2024 05:10	5.0	324	8	6.8	0.0	29.5	67
09/02/2024 05:20	3.9	310	14	5.9	0.0	29.5	70
09/02/2024 05:30	1.9	284	52	4.0	0.0	29.3	70
09/02/2024 05:40	3.0	262	16	4.8	0.0	29.2	71
09/02/2024 05:50	3.7	282	12	5.4	0.0	28.9	72
09/02/2024 06:00	4.0	284	11	5.8	0.0	28.8	73
09/02/2024 06:10	3.8	280	9	5.7	0.0	28.7	72
09/02/2024 06:20	3.6	277	7	4.9	0.0	28.7	74
09/02/2024 06:30	3.8	271	8	5.3	0.0	28.6	76
09/02/2024 06:40	3.3	269	9	4.4	0.0	28.5	77
09/02/2024 06:50	3.3	265	7	4.0	0.0	28.5	77
09/02/2024 07:00	2.9	271	10	3.9	0.0	28.6	76
09/02/2024 07:10	2.9	276	11	3.7	0.0	28.7	76
09/02/2024 07:20	2.4	265	15	3.5	0.0	28.9	75
09/02/2024 07:30	2.4	267	11	3.3	0.0	29.0	75
09/02/2024 07:40	2.7	253	8	3.6	0.0	29.1	74
09/02/2024 07:50	2.1	252	21	3.3	0.0	29.4	72
09/02/2024 08:00	2.6	253	7	3.7	0.0	29.8	70
09/02/2024 08:10	3.2	260	7	4.0	0.0	29.9	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/02/2024 08:20	3.3	278	7	4.1	0.0	30.1	65
09/02/2024 08:30	3.1	275	9	4.1	0.0	30.7	61
09/02/2024 08:40	2.4	268	10	3.3	0.0	31.4	57
09/02/2024 08:50	2.1	270	14	3.3	0.0	31.9	58
09/02/2024 09:00	1.5	297	29	2.7	0.0	32.3	55
09/02/2024 09:10	2.4	104	25	3.7	0.0	33.3	56
09/02/2024 09:20	3.1	111	13	4.6	0.0	32.5	60
09/02/2024 09:30	3.7	108	14	5.1	0.0	32.2	62
09/02/2024 09:40	4.1	89	11	5.7	0.0	32.2	62
09/02/2024 09:50	4.1	99	15	6.0	0.0	32.4	59
09/02/2024 10:00	3.6	83	13	5.1	0.0	32.8	55
09/02/2024 10:10	3.5	76	10	4.8	0.0	32.8	54
09/02/2024 10:20	3.7	81	8	5.4	0.0	33.7	45
09/02/2024 10:30	4.1	84	12	6.2	0.0	34.8	37
09/02/2024 10:40	4.7	76	14	6.2	0.0	34.3	43
09/02/2024 10:50	4.6	52	10	6.4	0.0	33.5	49
09/02/2024 11:00	4.5	52	8	5.9	0.0	33.4	49
09/02/2024 11:10	3.6	59	13	5.1	0.0	33.4	50
09/02/2024 11:20	4.2	60	9	6.0	0.0	33.3	52
09/02/2024 11:30	4.8	59	9	6.3	0.0	33.9	51
09/02/2024 11:40	5.5	55	11	7.0	0.0	33.5	51
09/02/2024 11:50	5.2	61	11	6.9	0.0	33.4	50
09/02/2024 12:00	4.8	58	14	6.6	0.0	33.6	51
09/02/2024 12:10	4.8	65	9	6.3	0.0	33.9	48
09/02/2024 12:20	4.9	61	10	6.3	0.0	34.2	45
09/02/2024 12:30	4.8	56	9	6.3	0.0	34.5	42
09/02/2024 12:40	4.4	72	10	5.6	0.0	34.5	42
09/02/2024 12:50	3.8	62	13	5.3	0.0	35.1	37
09/02/2024 13:00	3.3	65	11	4.7	0.0	35.7	35
09/02/2024 13:10	3.7	72	13	5.2	0.0	35.9	38
09/02/2024 13:20	3.8	63	15	5.6	0.0	36.5	38
09/02/2024 13:30	4.1	69	13	5.5	0.0	36.4	39
09/02/2024 13:40	4.3	68	11	5.9	0.0	36.3	40
09/02/2024 13:50	4.8	69	11	6.8	0.0	36.3	40
09/02/2024 14:00	4.4	70	9	6.3	0.0	36.4	40
09/02/2024 14:10	4.2	55	21	6.1	0.0	36.8	40
09/02/2024 14:20	4.1	7	19	6.1	0.0	36.5	45
09/02/2024 14:30	3.4	191	17	5.4	0.0	36.5	43
09/02/2024 14:40	3.7	9	18	6.3	0.0	36.6	44
09/02/2024 14:50	3.9	22	24	6.6	0.0	36.9	40
09/02/2024 15:00	4.2	11	16	5.9	0.0	37.0	42
09/02/2024 15:10	4.6	179	12	6.1	0.0	36.1	46
09/02/2024 15:20	5.3	336	14	7.2	0.0	35.4	47
09/02/2024 15:30	5.4	352	12	7.1	0.0	35.8	43
09/02/2024 15:40	6.2	179	8	8.0	0.0	35.8	42
09/02/2024 15:50	6.2	177	9	8.3	0.0	35.8	43
09/02/2024 16:00	6.5	2	9	8.0	0.0	34.9	47
09/02/2024 16:10	6.2	3	10	8.0	0.0	35.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/02/2024 16:20	6.5	1	9	8.3	0.0	35.0	45
09/02/2024 16:30	6.6	336	14	8.4	0.0	34.7	45
09/02/2024 16:40	5.8	334	10	7.7	0.0	34.4	45
09/02/2024 16:50	5.4	337	12	7.4	0.0	34.6	45
09/02/2024 17:00	6.2	334	7	8.0	0.0	33.8	49
09/02/2024 17:10	6.1	346	10	8.5	0.0	33.6	50
09/02/2024 17:20	6.3	355	12	8.5	0.0	34.3	45
09/02/2024 17:30	6.6	339	9	8.7	0.0	33.7	50
09/02/2024 17:40	6.8	340	5	8.6	0.0	33.0	53
09/02/2024 17:50	6.7	355	8	8.6	0.0	33.1	52
09/02/2024 18:00	6.9	353	8	8.9	0.0	32.8	54
09/02/2024 18:10	7.5	4	8	9.7	0.0	32.1	58
09/02/2024 18:20	7.3	179	7	9.4	0.0	31.9	58
09/02/2024 18:30	6.2	355	8	8.2	0.0	32.1	57
09/02/2024 18:40	6.1	352	8	7.6	0.0	32.1	56
09/02/2024 18:50	7.0	358	6	8.3	0.0	31.9	54
09/02/2024 19:00	7.1	352	6	9.0	0.0	31.6	57
09/02/2024 19:10	6.5	351	7	8.1	0.0	31.6	60
09/02/2024 19:20	6.2	357	8	8.2	0.0	31.5	60
09/02/2024 19:30	6.4	1	9	8.2	0.0	31.2	62
09/02/2024 19:40	6.7	357	7	8.2	0.0	31.2	61
09/02/2024 19:50	5.5	342	7	7.4	0.0	31.3	62
09/02/2024 20:00	4.2	135	55	7.7	0.0	31.5	62
09/02/2024 20:10	6.0	203	14	10.2	0.1	31.2	65
09/02/2024 20:20	7.9	238	11	13.1	0.0	30.4	64
09/02/2024 20:30	5.8	257	10	8.6	0.0	28.9	71
09/02/2024 20:40	4.2	274	13	6.4	0.0	28.3	74
09/02/2024 20:50	4.7	176	26	8.5	0.0	27.9	74
09/02/2024 21:00	4.5	177	19	7.9	0.0	28.1	69
09/02/2024 21:10	5.4	214	11	8.3	0.1	28.6	64
09/02/2024 21:20	4.5	257	11	7.0	0.0	28.8	64
09/02/2024 21:30	3.8	271	7	4.9	0.0	28.6	66
09/02/2024 21:40	3.8	272	7	4.9	0.0	28.6	66
09/02/2024 21:50	3.9	267	7	5.2	0.0	29.2	62
09/02/2024 22:00	3.6	269	6	4.4	0.0	29.4	62
09/02/2024 22:10	3.6	266	6	4.6	0.0	29.4	63
09/02/2024 22:20	4.2	264	6	5.6	0.0	29.4	63
09/02/2024 22:30	4.2	261	5	5.2	0.0	29.6	64
09/02/2024 22:40	3.6	264	7	4.8	0.0	29.5	64
09/02/2024 22:50	3.8	262	10	5.4	0.0	29.8	60
09/02/2024 23:00	3.5	266	6	4.3	0.0	29.8	60
09/02/2024 23:10	4.0	255	7	5.1	0.0	29.8	60
09/02/2024 23:20	3.4	270	7	4.3	0.0	30.0	59
09/02/2024 23:30	3.7	260	9	5.4	0.0	29.9	59
09/02/2024 23:40	3.6	259	9	4.6	0.0	30.1	58
09/02/2024 23:50	3.3	260	11	4.3	0.0	30.0	59
10/02/2024 00:00	3.1	262	10	4.5	0.0	30.0	57
10/02/2024 00:10	2.4	260	13	3.6	0.0	30.3	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/02/2024 00:20	1.7	228	20	2.9	0.0	30.3	55
10/02/2024 00:30	1.8	225	23	3.4	0.0	30.7	53
10/02/2024 00:40	1.6	217	29	3.1	0.0	31.0	51
10/02/2024 00:50	1.8	211	16	3.4	0.0	31.0	50
10/02/2024 01:00	2.1	204	23	4.0	0.0	31.7	46
10/02/2024 01:10	1.8	185	23	2.9	0.0	31.6	45
10/02/2024 01:20	2.7	144	25	4.4	0.0	30.9	52
10/02/2024 01:30	2.3	153	27	4.1	0.0	30.3	55
10/02/2024 01:40	1.0	98	62	2.5	0.0	30.0	57
10/02/2024 01:50	1.5	198	61	3.4	0.0	29.9	57
10/02/2024 02:00	2.0	107	54	3.9	0.0	30.5	53
10/02/2024 02:10	1.8	124	24	3.8	0.0	30.7	52
10/02/2024 02:20	2.0	136	51	4.3	0.0	30.7	51
10/02/2024 02:30	1.9	39	25	3.0	0.0	29.9	56
10/02/2024 02:40	2.1	77	27	3.3	0.0	29.5	58
10/02/2024 02:50	1.3	89	22	2.5	0.0	29.5	59
10/02/2024 03:00	1.0	83	25	2.1	0.0	29.6	58
10/02/2024 03:10	1.2	77	27	2.5	0.0	29.4	58
10/02/2024 03:20	1.2	77	24	2.4	0.0	29.6	57
10/02/2024 03:30	1.4	81	22	2.5	0.0	29.5	58
10/02/2024 03:40	1.1	104	29	1.8	0.0	29.4	59
10/02/2024 03:50	1.1	67	20	1.8	0.0	29.5	58
10/02/2024 04:00	1.0	44	25	1.8	0.0	29.2	59
10/02/2024 04:10	0.5	38	33	1.3	0.0	29.4	56
10/02/2024 04:20	0.7	17	27	1.3	0.0	29.8	53
10/02/2024 04:30	0.9	69	55	1.8	0.0	30.0	52
10/02/2024 04:40	1.7	231	27	3.1	0.0	30.4	49
10/02/2024 04:50	2.5	205	18	4.3	0.0	31.0	48
10/02/2024 05:00	2.0	218	25	3.8	0.0	30.9	49
10/02/2024 05:10	2.4	201	18	3.6	0.0	30.7	49
10/02/2024 05:20	2.2	201	22	3.6	0.0	30.7	49
10/02/2024 05:30	1.5	254	58	2.8	0.0	30.4	51
10/02/2024 05:40	1.5	265	28	2.8	0.0	30.3	52
10/02/2024 05:50	2.5	291	9	3.2	0.0	29.9	53
10/02/2024 06:00	1.6	274	10	2.4	0.0	29.6	54
10/02/2024 06:10	0.7	261	67	1.6	0.0	29.5	55
10/02/2024 06:20	1.3	250	21	2.3	0.0	29.5	55
10/02/2024 06:30	1.9	256	31	3.5	0.0	30.1	53
10/02/2024 06:40	1.3	301	21	2.6	0.0	30.5	51
10/02/2024 06:50	0.9	276	18	1.8	0.0	30.9	50
10/02/2024 07:00	0.6	229	44	1.1	0.0	31.3	49
10/02/2024 07:10	1.2	275	13	1.7	0.0	31.5	49
10/02/2024 07:20	3.8	270	7	6.6	0.0	30.9	57
10/02/2024 07:30	3.4	265	11	5.3	0.0	30.7	62
10/02/2024 07:40	4.1	277	9	5.7	0.0	30.6	60
10/02/2024 07:50	4.1	261	7	5.7	0.0	30.9	58
10/02/2024 08:00	5.4	280	8	7.3	0.0	30.8	68
10/02/2024 08:10	4.8	270	8	7.5	0.0	30.4	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/02/2024 08:20	5.0	271	9	7.1	0.0	30.5	70
10/02/2024 08:30	4.3	260	10	5.5	0.0	30.6	67
10/02/2024 08:40	4.1	282	11	5.3	0.0	30.8	64
10/02/2024 08:50	3.2	270	10	4.4	0.0	31.3	60
10/02/2024 09:00	2.9	264	12	4.5	0.0	32.0	58
10/02/2024 09:10	3.2	276	12	4.5	0.0	32.5	57
10/02/2024 09:20	3.3	272	15	4.4	0.0	33.0	55
10/02/2024 09:30	3.1	263	13	4.5	0.0	33.2	53
10/02/2024 09:40	3.0	270	12	4.4	0.0	33.6	52
10/02/2024 09:50	3.4	272	12	4.7	0.0	34.2	51
10/02/2024 10:00	2.8	282	17	4.3	0.0	34.3	50
10/02/2024 10:10	3.3	263	13	4.6	0.0	34.7	49
10/02/2024 10:20	3.3	276	14	4.7	0.0	34.9	48
10/02/2024 10:30	3.0	287	24	4.6	0.0	35.3	48
10/02/2024 10:40	2.5	266	22	4.8	0.0	35.7	47
10/02/2024 10:50	3.2	259	17	4.9	0.0	35.9	47
10/02/2024 11:00	2.6	270	17	4.4	0.0	36.4	45
10/02/2024 11:10	3.4	281	15	5.2	0.0	36.9	43
10/02/2024 11:20	3.5	282	12	5.0	0.0	37.0	43
10/02/2024 11:30	3.4	283	15	5.0	0.0	37.1	43
10/02/2024 11:40	4.1	284	12	5.7	0.0	37.6	42
10/02/2024 11:50	4.2	286	10	5.8	0.0	37.2	44
10/02/2024 12:00	4.0	288	18	6.1	0.0	37.2	44
10/02/2024 12:10	4.8	284	14	6.9	0.0	37.4	43
10/02/2024 12:20	5.1	283	11	7.2	0.0	37.1	44
10/02/2024 12:30	4.4	291	12	6.6	0.0	37.3	42
10/02/2024 12:40	5.0	282	9	6.6	0.0	37.5	42
10/02/2024 12:50	4.7	290	15	7.1	0.0	37.4	47
10/02/2024 13:00	4.9	295	12	7.4	0.0	37.0	50
10/02/2024 13:10	4.8	294	11	6.9	0.0	36.4	54
10/02/2024 13:20	5.7	277	10	7.9	0.0	35.9	55
10/02/2024 13:30	5.9	272	9	8.0	0.0	35.8	50
10/02/2024 13:40	6.2	280	13	8.2	0.0	36.7	45
10/02/2024 13:50	7.1	266	9	8.8	0.0	36.6	43
10/02/2024 14:00	7.1	271	8	9.3	0.0	36.2	43
10/02/2024 14:10	7.4	271	8	9.2	0.0	36.2	42
10/02/2024 14:20	7.8	269	8	10.5	0.0	35.5	43
10/02/2024 14:30	8.1	268	9	10.5	0.0	36.0	37
10/02/2024 14:40	8.3	275	8	10.9	0.0	36.0	38
10/02/2024 14:50	8.5	268	7	10.6	0.0	35.6	40
10/02/2024 15:00	8.5	271	7	10.9	0.0	35.2	41
10/02/2024 15:10	8.1	270	6	10.3	0.0	34.9	43
10/02/2024 15:20	7.6	265	6	9.7	0.0	34.9	45
10/02/2024 15:30	7.1	263	6	8.5	0.0	35.1	46
10/02/2024 15:40	7.0	272	8	8.5	0.0	35.5	44
10/02/2024 15:50	7.7	274	6	9.5	0.0	35.0	44
10/02/2024 16:00	7.5	279	4	9.1	0.0	34.7	47
10/02/2024 16:10	7.2	274	8	8.9	0.0	34.8	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/02/2024 16:20	5.9	287	11	7.5	0.0	34.6	53
10/02/2024 16:30	5.7	289	9	7.7	0.0	34.1	55
10/02/2024 16:40	6.7	275	10	8.8	0.0	33.9	55
10/02/2024 16:50	6.2	269	9	8.5	0.0	33.6	54
10/02/2024 17:00	6.9	266	7	8.6	0.0	33.7	54
10/02/2024 17:10	7.2	265	6	8.9	0.0	33.3	55
10/02/2024 17:20	7.9	269	7	10.7	0.0	33.2	55
10/02/2024 17:30	7.6	268	7	9.6	0.0	33.0	54
10/02/2024 17:40	7.6	266	8	10.1	0.0	33.0	56
10/02/2024 17:50	7.7	268	7	9.6	0.0	32.5	56
10/02/2024 18:00	7.1	272	8	10.0	0.0	32.5	56
10/02/2024 18:10	8.0	263	6	10.7	0.0	32.0	58
10/02/2024 18:20	6.9	271	8	9.8	0.0	31.5	63
10/02/2024 18:30	7.4	271	6	9.7	0.0	31.0	64
10/02/2024 18:40	7.0	273	6	9.5	0.0	30.9	65
10/02/2024 18:50	5.9	274	8	7.9	0.0	30.8	65
10/02/2024 19:00	6.6	275	6	8.2	0.0	30.8	65
10/02/2024 19:10	7.8	270	5	9.6	0.0	30.6	66
10/02/2024 19:20	7.4	271	6	9.6	0.0	30.4	67
10/02/2024 19:30	7.3	270	6	9.5	0.0	30.3	68
10/02/2024 19:40	7.6	274	5	9.5	0.0	30.2	69
10/02/2024 19:50	6.5	269	4	8.5	0.0	30.3	70
10/02/2024 20:00	7.0	265	6	9.2	0.0	30.3	70
10/02/2024 20:10	7.5	266	5	9.6	0.0	30.3	69
10/02/2024 20:20	7.5	264	5	9.8	0.0	30.3	69
10/02/2024 20:30	6.4	262	6	8.0	0.0	30.4	67
10/02/2024 20:40	6.4	265	6	8.3	0.0	30.6	64
10/02/2024 20:50	6.4	266	7	8.6	0.0	30.7	61
10/02/2024 21:00	8.1	264	5	10.9	0.0	31.0	54
10/02/2024 21:10	6.6	267	6	8.4	0.0	31.0	54
10/02/2024 21:20	6.6	268	6	8.2	0.0	31.0	54
10/02/2024 21:30	6.7	267	6	9.1	0.0	31.0	55
10/02/2024 21:40	6.5	265	5	8.5	0.0	30.9	58
10/02/2024 21:50	7.2	268	4	9.5	0.0	30.7	62
10/02/2024 22:00	7.0	264	4	9.1	0.0	30.6	64
10/02/2024 22:10	7.1	261	5	8.7	0.0	30.5	65
10/02/2024 22:20	6.5	263	5	8.2	0.0	30.4	67
10/02/2024 22:30	6.5	265	5	8.1	0.0	30.2	69
10/02/2024 22:40	6.1	268	4	7.5	0.0	30.2	70
10/02/2024 22:50	6.2	268	5	7.9	0.0	30.1	71
10/02/2024 23:00	6.0	266	5	7.4	0.0	30.0	72
10/02/2024 23:10	5.5	265	6	7.2	0.0	30.0	72
10/02/2024 23:20	5.3	262	5	6.7	0.0	29.9	73
10/02/2024 23:30	5.3	263	4	6.8	0.0	29.8	74
10/02/2024 23:40	5.5	261	4	6.6	0.0	29.8	75
10/02/2024 23:50	4.7	261	6	6.3	0.0	29.7	76
11/02/2024 00:00	4.9	261	6	6.1	0.0	29.6	76
11/02/2024 00:10	4.4	260	5	5.5	0.0	29.6	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/02/2024 00:20	4.4	259	5	5.4	0.0	29.3	75
11/02/2024 00:30	4.6	264	5	5.8	0.0	29.3	72
11/02/2024 00:40	4.7	259	6	6.2	0.0	29.3	70
11/02/2024 00:50	4.5	257	6	5.6	0.0	29.3	69
11/02/2024 01:00	5.4	263	5	6.5	0.0	29.3	68
11/02/2024 01:10	4.9	267	5	6.5	0.0	29.3	66
11/02/2024 01:20	4.8	265	5	6.1	0.0	29.4	65
11/02/2024 01:30	5.0	269	4	6.1	0.0	29.3	65
11/02/2024 01:40	4.8	267	5	6.2	0.0	29.3	65
11/02/2024 01:50	4.7	270	5	6.0	0.0	29.2	66
11/02/2024 02:00	5.1	269	4	6.2	0.0	29.2	64
11/02/2024 02:10	5.0	266	5	6.4	0.0	29.2	64
11/02/2024 02:20	4.2	266	5	5.4	0.0	29.2	65
11/02/2024 02:30	3.5	267	4	4.4	0.0	29.1	67
11/02/2024 02:40	3.8	275	5	4.7	0.0	28.8	67
11/02/2024 02:50	3.7	268	4	4.5	0.0	28.9	66
11/02/2024 03:00	3.7	267	4	4.5	0.0	28.8	67
11/02/2024 03:10	4.1	268	4	5.1	0.0	28.6	68
11/02/2024 03:20	4.0	268	4	4.8	0.0	28.8	68
11/02/2024 03:30	3.4	271	3	3.9	0.0	28.6	69
11/02/2024 03:40	3.7	273	4	4.5	0.0	28.7	67
11/02/2024 03:50	3.8	273	4	4.6	0.0	28.7	67
11/02/2024 04:00	3.2	272	5	4.2	0.0	28.7	67
11/02/2024 04:10	3.7	261	5	4.6	0.0	28.7	69
11/02/2024 04:20	4.0	259	4	4.6	0.0	28.4	72
11/02/2024 04:30	3.7	264	4	4.5	0.0	28.3	73
11/02/2024 04:40	4.1	258	5	5.4	0.0	28.3	74
11/02/2024 04:50	3.7	256	5	4.7	0.0	28.3	74
11/02/2024 05:00	3.5	254	5	4.4	0.0	28.1	74
11/02/2024 05:10	3.4	254	4	4.3	0.0	28.0	75
11/02/2024 05:20	3.9	254	4	4.9	0.0	28.0	76
11/02/2024 05:30	3.5	255	5	4.5	0.0	27.9	77
11/02/2024 05:40	3.1	252	5	3.8	0.0	27.9	77
11/02/2024 05:50	3.1	259	3	3.7	0.0	28.0	78
11/02/2024 06:00	3.7	259	2	4.1	0.0	27.7	79
11/02/2024 06:10	3.9	261	2	4.3	0.0	27.5	80
11/02/2024 06:20	3.8	263	3	4.2	0.0	27.2	81
11/02/2024 06:30	3.5	269	3	3.8	0.0	27.3	81
11/02/2024 06:40	3.5	274	2	4.0	0.0	27.6	81
11/02/2024 06:50	3.3	271	4	3.7	0.0	28.1	80
11/02/2024 07:00	4.1	264	6	5.1	0.0	28.5	79
11/02/2024 07:10	4.2	260	5	5.1	0.0	29.0	79
11/02/2024 07:20	4.4	260	5	5.6	0.0	29.2	79
11/02/2024 07:30	4.7	272	7	6.0	0.0	29.7	77
11/02/2024 07:40	4.4	265	7	5.6	0.0	30.1	76
11/02/2024 07:50	3.8	273	8	4.8	0.0	30.3	77
11/02/2024 08:00	3.5	267	8	4.5	0.0	30.3	78
11/02/2024 08:10	3.7	281	10	4.8	0.0	30.4	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/02/2024 08:20	4.2	285	11	5.3	0.0	30.6	78
11/02/2024 08:30	3.9	282	10	4.9	0.0	30.9	77
11/02/2024 08:40	3.3	283	10	4.1	0.0	31.2	75
11/02/2024 08:50	2.9	286	13	4.0	0.0	31.6	73
11/02/2024 09:00	3.1	279	12	4.2	0.0	31.9	72
11/02/2024 09:10	2.9	285	18	4.5	0.0	32.8	68
11/02/2024 09:20	3.2	295	13	4.3	0.0	32.9	68
11/02/2024 09:30	3.0	288	13	4.3	0.0	33.2	67
11/02/2024 09:40	3.4	278	14	4.6	0.0	33.3	67
11/02/2024 09:50	3.0	274	15	4.2	0.0	33.4	66
11/02/2024 10:00	2.6	276	22	3.7	0.0	33.9	64
11/02/2024 10:10	2.7	286	21	4.2	0.0	34.2	62
11/02/2024 10:20	3.0	262	16	4.6	0.0	34.6	60
11/02/2024 10:30	3.1	261	12	4.8	0.0	34.9	58
11/02/2024 10:40	2.6	272	16	3.6	0.0	35.5	56
11/02/2024 10:50	2.2	276	25	3.6	0.0	35.8	53
11/02/2024 11:00	2.3	277	21	3.8	0.0	36.5	50
11/02/2024 11:10	2.9	283	21	4.7	0.0	37.2	47
11/02/2024 11:20	3.5	279	13	4.7	0.0	37.5	45
11/02/2024 11:30	3.7	280	11	5.5	0.0	37.6	44
11/02/2024 11:40	4.6	276	12	6.0	0.0	36.5	47
11/02/2024 11:50	4.8	273	10	6.6	0.0	36.5	49
11/02/2024 12:00	4.7	281	10	6.5	0.0	36.5	47
11/02/2024 12:10	5.1	274	9	6.7	0.0	36.2	50
11/02/2024 12:20	4.9	282	9	6.9	0.0	36.1	51
11/02/2024 12:30	4.9	281	9	6.7	0.0	36.5	48
11/02/2024 12:40	5.0	281	9	6.6	0.0	36.5	49
11/02/2024 12:50	4.6	282	8	6.0	0.0	35.8	52
11/02/2024 13:00	4.2	275	13	6.8	0.0	36.4	50
11/02/2024 13:10	4.9	268	10	6.2	0.0	36.2	52
11/02/2024 13:20	4.7	277	10	6.4	0.0	36.1	51
11/02/2024 13:30	4.7	284	8	6.2	0.0	36.5	49
11/02/2024 13:40	4.7	277	11	6.2	0.0	36.9	47
11/02/2024 13:50	4.1	279	14	5.8	0.0	37.2	44
11/02/2024 14:00	4.2	307	15	5.9	0.0	37.7	41
11/02/2024 14:10	5.1	306	12	7.6	0.0	37.4	40
11/02/2024 14:20	6.1	309	7	7.8	0.0	36.5	38
11/02/2024 14:30	5.9	317	10	7.6	0.0	36.5	35
11/02/2024 14:40	5.9	318	10	7.5	0.0	36.8	33
11/02/2024 14:50	7.2	322	5	8.5	0.0	36.2	36
11/02/2024 15:00	6.8	323	6	8.4	0.0	36.3	33
11/02/2024 15:10	7.0	322	5	8.5	0.0	36.4	33
11/02/2024 15:20	6.5	311	8	8.5	0.0	35.8	38
11/02/2024 15:30	6.3	318	11	8.1	0.0	36.0	36
11/02/2024 15:40	5.4	321	10	7.2	0.0	36.0	35
11/02/2024 15:50	6.0	317	12	7.7	0.0	36.0	34
11/02/2024 16:00	6.4	290	10	8.9	0.0	35.7	39
11/02/2024 16:10	6.8	287	8	9.4	0.0	34.5	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/02/2024 16:20	6.5	291	7	8.5	0.0	33.5	60
11/02/2024 16:30	6.5	279	10	8.6	0.0	33.5	64
11/02/2024 16:40	8.3	274	5	10.4	0.0	32.4	69
11/02/2024 16:50	7.9	271	6	9.7	0.0	32.3	68
11/02/2024 17:00	8.4	261	8	10.3	0.0	32.1	64
11/02/2024 17:10	8.2	269	6	10.0	0.0	32.2	61
11/02/2024 17:20	7.6	268	7	9.6	0.0	32.4	60
11/02/2024 17:30	7.6	269	6	9.7	0.0	32.0	61
11/02/2024 17:40	7.8	271	6	9.3	0.0	31.8	61
11/02/2024 17:50	7.7	269	5	9.9	0.0	31.7	61
11/02/2024 18:00	7.0	270	5	8.7	0.0	31.6	62
11/02/2024 18:10	7.2	265	6	8.8	0.0	31.4	60
11/02/2024 18:20	7.5	266	6	10.0	0.0	31.0	61
11/02/2024 18:30	7.3	271	6	9.2	0.0	30.8	61
11/02/2024 18:40	6.5	272	5	8.4	0.0	30.6	62
11/02/2024 18:50	6.0	274	6	7.9	0.0	30.6	62
11/02/2024 19:00	6.8	272	5	8.5	0.0	30.3	65
11/02/2024 19:10	6.6	268	5	8.4	0.0	30.2	65
11/02/2024 19:20	6.7	266	5	8.5	0.0	30.0	67
11/02/2024 19:30	6.7	267	5	7.9	0.0	29.9	69
11/02/2024 19:40	6.3	268	5	8.0	0.0	29.8	70
11/02/2024 19:50	6.6	268	6	9.5	0.0	29.7	66
11/02/2024 20:00	6.9	270	6	8.9	0.0	29.6	71
11/02/2024 20:10	7.0	276	6	9.4	0.0	29.4	72
11/02/2024 20:20	7.0	275	7	9.7	0.0	29.4	72
11/02/2024 20:30	7.4	278	6	9.6	0.0	29.3	71
11/02/2024 20:40	7.1	279	7	9.1	0.0	29.2	71
11/02/2024 20:50	7.3	277	6	9.3	0.0	29.1	72
11/02/2024 21:00	7.2	279	7	9.6	0.0	29.0	75
11/02/2024 21:10	7.6	275	6	9.3	0.0	28.8	77
11/02/2024 21:20	8.2	273	6	10.6	0.0	28.6	79
11/02/2024 21:30	7.8	275	6	9.9	0.0	28.5	81
11/02/2024 21:40	8.0	281	5	10.4	0.0	28.4	82
11/02/2024 21:50	8.0	277	5	10.6	0.0	28.3	83
11/02/2024 22:00	7.8	279	6	10.3	0.0	28.2	84
11/02/2024 22:10	7.8	272	5	9.9	0.0	28.2	85
11/02/2024 22:20	8.8	271	5	11.0	0.0	28.2	85
11/02/2024 22:30	8.4	270	6	10.7	0.0	28.2	85
11/02/2024 22:40	7.4	271	6	9.9	0.0	28.2	85
11/02/2024 22:50	7.6	264	5	10.1	0.0	28.2	85
11/02/2024 23:00	6.8	260	6	8.8	0.0	28.2	85
11/02/2024 23:10	7.3	262	5	9.0	0.0	28.1	85
11/02/2024 23:20	6.5	263	6	8.5	0.0	28.1	86
11/02/2024 23:30	6.6	263	5	8.5	0.0	28.1	86
11/02/2024 23:40	5.9	263	6	7.7	0.0	28.1	87
11/02/2024 23:50	5.9	261	6	7.7	0.0	28.1	88
12/02/2024 00:00	5.9	265	5	7.5	0.0	28.0	88
12/02/2024 00:10	6.2	266	5	7.5	0.0	28.0	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/02/2024 00:20	5.8	261	5	7.5	0.0	28.1	88
12/02/2024 00:30	5.8	262	6	7.6	0.0	28.1	89
12/02/2024 00:40	5.7	261	5	7.1	0.0	28.1	88
12/02/2024 00:50	6.2	258	6	7.5	0.0	28.0	86
12/02/2024 01:00	5.6	255	7	7.5	0.0	28.2	84
12/02/2024 01:10	6.0	259	6	7.8	0.0	28.1	84
12/02/2024 01:20	6.5	261	5	8.2	0.0	28.0	84
12/02/2024 01:30	5.7	263	4	6.9	0.0	28.0	84
12/02/2024 01:40	6.0	263	5	7.6	0.0	27.9	84
12/02/2024 01:50	6.1	262	5	7.7	0.0	27.8	85
12/02/2024 02:00	5.9	264	5	7.2	0.0	27.8	85
12/02/2024 02:10	5.5	261	6	7.0	0.0	27.7	85
12/02/2024 02:20	4.8	260	5	6.3	0.0	27.7	86
12/02/2024 02:30	4.1	258	5	5.3	0.0	27.6	86
12/02/2024 02:40	3.6	258	5	4.6	0.0	27.5	87
12/02/2024 02:50	4.2	259	5	5.4	0.0	27.4	87
12/02/2024 03:00	4.6	257	5	5.7	0.0	27.5	87
12/02/2024 03:10	4.7	260	5	5.6	0.0	27.5	86
12/02/2024 03:20	4.2	258	6	5.3	0.0	27.5	86
12/02/2024 03:30	3.1	271	6	4.0	0.0	27.6	86
12/02/2024 03:40	2.4	284	8	3.5	0.0	27.6	87
12/02/2024 03:50	2.7	278	6	3.6	0.0	27.6	87
12/02/2024 04:00	2.8	270	5	3.3	0.0	27.5	87
12/02/2024 04:10	2.7	271	4	3.1	0.0	27.5	88
12/02/2024 04:20	2.6	254	4	3.1	0.0	27.5	89
12/02/2024 04:30	2.4	251	5	2.9	0.0	27.2	90
12/02/2024 04:40	2.5	254	3	2.8	0.0	27.4	91
12/02/2024 04:50	2.9	259	4	3.3	0.0	27.4	91
12/02/2024 05:00	2.7	265	5	3.3	0.0	27.0	91
12/02/2024 05:10	2.1	286	7	2.5	0.0	26.9	92
12/02/2024 05:20	2.2	267	6	2.6	0.0	27.1	92
12/02/2024 05:30	2.7	268	5	3.7	0.0	27.1	92
12/02/2024 05:40	2.3	275	7	3.0	0.0	27.1	93
12/02/2024 05:50	2.9	285	8	3.9	0.0	27.5	93
12/02/2024 06:00	3.0	283	6	4.2	0.0	27.5	93
12/02/2024 06:10	4.1	282	6	5.0	0.0	27.5	93
12/02/2024 06:20	3.8	280	6	5.2	0.0	27.4	93
12/02/2024 06:30	3.9	281	7	5.1	0.0	27.4	93
12/02/2024 06:40	3.8	273	7	5.1	0.0	27.4	93
12/02/2024 06:50	3.9	269	7	5.1	0.0	27.5	93
12/02/2024 07:00	3.6	267	8	4.7	0.0	27.5	92
12/02/2024 07:10	3.3	276	8	4.3	0.0	27.7	91
12/02/2024 07:20	3.2	295	9	4.2	0.0	27.9	90
12/02/2024 07:30	3.6	301	12	5.1	0.0	28.2	89
12/02/2024 07:40	4.2	283	9	5.7	0.0	28.3	87
12/02/2024 07:50	3.7	290	10	5.3	0.0	28.3	87
12/02/2024 08:00	3.6	288	10	5.2	0.0	28.4	85
12/02/2024 08:10	3.7	291	12	5.2	0.0	28.5	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/02/2024 08:20	4.0	280	11	5.2	0.0	28.8	83
12/02/2024 08:30	3.9	288	13	5.3	0.0	29.1	81
12/02/2024 08:40	4.3	282	7	5.4	0.0	29.1	80
12/02/2024 08:50	4.0	299	15	5.4	0.0	29.3	79
12/02/2024 09:00	4.1	303	15	5.9	0.0	29.6	77
12/02/2024 09:10	5.1	288	11	6.9	0.0	29.6	77
12/02/2024 09:20	5.1	287	11	6.7	0.0	29.8	77
12/02/2024 09:30	4.3	278	11	5.9	0.0	29.8	77
12/02/2024 09:40	4.2	288	14	5.9	0.0	29.9	76
12/02/2024 09:50	3.7	292	13	5.8	0.0	30.0	75
12/02/2024 10:00	3.7	280	15	5.5	0.0	30.6	73
12/02/2024 10:10	4.3	279	11	5.6	0.0	30.4	73
12/02/2024 10:20	4.2	283	10	5.9	0.0	30.7	71
12/02/2024 10:30	5.2	286	10	6.9	0.0	30.9	72
12/02/2024 10:40	5.0	286	10	7.3	0.0	31.4	70
12/02/2024 10:50	5.6	281	10	7.4	0.0	31.3	70
12/02/2024 11:00	5.4	286	11	7.7	0.0	31.4	70
12/02/2024 11:10	5.3	287	10	7.2	0.0	31.5	69
12/02/2024 11:20	5.5	291	9	7.2	0.0	31.4	70
12/02/2024 11:30	5.8	292	10	8.0	0.0	31.2	71
12/02/2024 11:40	6.1	285	10	8.5	0.0	31.5	70
12/02/2024 11:50	6.2	285	10	8.8	0.0	31.4	70
12/02/2024 12:00	5.4	290	12	7.9	0.0	31.7	68
12/02/2024 12:10	5.7	297	12	8.2	0.0	31.7	68
12/02/2024 12:20	6.3	306	12	8.7	0.0	31.2	70
12/02/2024 12:30	6.2	307	11	9.3	0.0	31.1	71
12/02/2024 12:40	6.1	314	11	8.2	0.0	31.2	69
12/02/2024 12:50	5.7	309	10	7.6	0.0	30.9	70
12/02/2024 13:00	5.4	309	12	7.6	0.0	31.4	68
12/02/2024 13:10	5.5	305	12	7.6	0.0	31.0	69
12/02/2024 13:20	5.4	306	15	7.2	0.0	31.3	68
12/02/2024 13:30	4.9	303	13	7.2	0.0	32.0	64
12/02/2024 13:40	5.8	308	12	8.1	0.0	31.9	65
12/02/2024 13:50	5.5	304	12	8.0	0.0	32.2	64
12/02/2024 14:00	5.5	303	11	7.3	0.0	32.1	64
12/02/2024 14:10	6.1	304	11	8.4	0.0	31.8	65
12/02/2024 14:20	6.2	305	10	8.4	0.0	31.5	66
12/02/2024 14:30	5.9	301	13	8.2	0.0	31.6	66
12/02/2024 14:40	6.4	301	13	9.6	0.0	31.6	67
12/02/2024 14:50	6.7	308	9	9.7	0.0	31.2	69
12/02/2024 15:00	6.8	311	13	9.4	0.0	31.1	70
12/02/2024 15:10	6.9	313	11	10.2	0.0	31.4	69
12/02/2024 15:20	7.9	311	9	10.4	0.0	30.9	70
12/02/2024 15:30	8.0	309	9	10.1	0.0	30.5	72
12/02/2024 15:40	8.6	308	9	11.3	0.0	30.2	74
12/02/2024 15:50	8.0	311	7	10.7	0.0	30.4	74
12/02/2024 16:00	7.2	307	11	9.8	0.0	30.5	74
12/02/2024 16:10	7.9	307	9	10.2	0.0	30.0	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/02/2024 16:20	8.4	310	9	10.8	0.0	29.9	75
12/02/2024 16:30	7.7	311	8	10.9	0.0	30.0	75
12/02/2024 16:40	7.2	312	10	10.1	0.0	30.0	75
12/02/2024 16:50	7.1	307	11	9.8	0.0	30.3	74
12/02/2024 17:00	7.3	296	10	9.7	0.0	30.3	73
12/02/2024 17:10	8.0	291	6	10.2	0.0	30.3	72
12/02/2024 17:20	7.5	287	6	9.6	0.0	30.1	74
12/02/2024 17:30	7.6	287	7	9.3	0.0	30.0	74
12/02/2024 17:40	6.9	286	7	8.8	0.0	30.0	75
12/02/2024 17:50	7.1	289	8	9.2	0.0	29.7	76
12/02/2024 18:00	6.4	288	7	8.2	0.0	29.7	76
12/02/2024 18:10	7.2	291	6	9.0	0.0	29.3	78
12/02/2024 18:20	7.3	291	6	9.0	0.0	29.0	80
12/02/2024 18:30	6.9	290	7	8.6	0.0	28.9	80
12/02/2024 18:40	6.8	290	6	8.7	0.0	28.7	81
12/02/2024 18:50	6.7	286	7	9.2	0.0	28.7	82
12/02/2024 19:00	6.4	284	8	8.7	0.0	28.5	83
12/02/2024 19:10	7.0	283	7	9.0	0.0	28.3	84
12/02/2024 19:20	6.8	284	7	8.7	0.0	28.1	85
12/02/2024 19:30	6.8	280	7	9.3	0.0	28.1	85
12/02/2024 19:40	6.5	280	7	8.9	0.0	28.1	85
12/02/2024 19:50	6.4	282	8	9.3	0.0	28.0	86
12/02/2024 20:00	6.3	286	8	8.9	0.0	27.9	85
12/02/2024 20:10	6.8	282	7	9.5	0.0	27.8	86
12/02/2024 20:20	7.7	282	6	9.9	0.0	27.7	86
12/02/2024 20:30	6.9	281	7	8.8	0.0	27.7	86
12/02/2024 20:40	6.7	283	7	9.0	0.0	27.7	86
12/02/2024 20:50	6.6	281	7	8.8	0.0	27.6	87
12/02/2024 21:00	6.6	284	7	8.7	0.0	27.5	87
12/02/2024 21:10	6.5	280	7	9.2	0.0	27.6	87
12/02/2024 21:20	6.7	287	7	8.9	0.0	27.4	87
12/02/2024 21:30	6.9	291	7	9.5	0.0	27.3	88
12/02/2024 21:40	7.5	285	7	9.9	0.0	27.2	87
12/02/2024 21:50	5.9	285	8	9.2	0.0	27.3	87
12/02/2024 22:00	7.4	287	7	9.8	0.0	27.2	87
12/02/2024 22:10	7.0	285	7	9.0	0.0	27.1	87
12/02/2024 22:20	7.4	287	8	9.7	0.0	27.1	87
12/02/2024 22:30	7.2	279	7	9.0	0.0	27.0	87
12/02/2024 22:40	6.8	278	6	9.1	0.0	27.0	86
12/02/2024 22:50	6.8	285	8	9.0	0.0	27.0	86
12/02/2024 23:00	6.5	280	8	8.8	0.0	27.1	85
12/02/2024 23:10	6.7	278	8	8.9	0.0	27.0	85
12/02/2024 23:20	6.9	283	7	9.4	0.0	26.9	85
12/02/2024 23:30	8.4	279	6	10.8	0.0	26.9	85
12/02/2024 23:40	8.8	280	5	11.4	0.0	26.9	85
12/02/2024 23:50	9.6	276	6	12.2	0.0	26.9	84
13/02/2024 00:00	9.9	276	6	12.4	0.0	27.0	84
13/02/2024 00:10	8.9	275	8	11.8	0.0	27.0	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/02/2024 00:20	8.3	281	6	11.3	0.0	27.0	84
13/02/2024 00:30	8.1	276	7	10.6	0.0	27.0	84
13/02/2024 00:40	8.1	276	7	11.4	0.0	26.9	84
13/02/2024 00:50	7.4	281	7	9.7	0.0	27.0	84
13/02/2024 01:00	6.9	279	8	9.0	0.0	27.0	84
13/02/2024 01:10	6.7	268	8	8.6	0.0	27.0	84
13/02/2024 01:20	6.0	276	8	7.9	0.0	26.9	85
13/02/2024 01:30	3.7	280	11	5.2	0.0	26.8	85
13/02/2024 01:40	4.6	287	8	6.3	0.0	26.8	86
13/02/2024 01:50	5.4	287	7	7.1	0.0	26.7	86
13/02/2024 02:00	5.6	281	7	7.5	0.0	26.6	86
13/02/2024 02:10	5.2	285	7	6.7	0.0	26.6	86
13/02/2024 02:20	4.5	285	7	6.0	0.0	26.5	86
13/02/2024 02:30	4.2	290	9	5.9	0.0	26.6	87
13/02/2024 02:40	2.7	297	12	4.4	0.0	26.5	87
13/02/2024 02:50	3.6	293	10	5.3	0.0	26.5	88
13/02/2024 03:00	4.5	286	8	6.0	0.0	26.4	88
13/02/2024 03:10	5.8	284	6	7.4	0.0	26.5	88
13/02/2024 03:20	5.5	285	7	7.2	0.0	26.4	88
13/02/2024 03:30	5.1	277	7	6.4	0.0	26.4	88
13/02/2024 03:40	6.1	283	6	8.0	0.0	26.4	88
13/02/2024 03:50	6.0	280	7	7.9	0.0	26.4	88
13/02/2024 04:00	5.7	280	7	7.9	0.0	26.4	87
13/02/2024 04:10	5.5	285	7	7.4	0.0	26.4	87
13/02/2024 04:20	6.2	280	6	8.3	0.0	26.4	87
13/02/2024 04:30	6.0	277	6	8.4	0.0	26.4	87
13/02/2024 04:40	4.8	290	8	6.6	0.0	26.4	87
13/02/2024 04:50	4.9	283	6	6.9	0.0	26.4	87
13/02/2024 05:00	5.8	277	6	7.5	0.0	26.5	87
13/02/2024 05:10	5.0	284	10	6.6	0.0	26.6	87
13/02/2024 05:20	5.4	291	8	7.4	0.0	26.6	87
13/02/2024 05:30	5.5	281	8	7.4	0.0	26.7	86
13/02/2024 05:40	6.5	275	8	8.8	0.0	26.7	85
13/02/2024 05:50	5.2	284	9	6.9	0.0	26.8	84
13/02/2024 06:00	6.0	274	8	7.6	0.0	26.8	84
13/02/2024 06:10	7.1	276	6	8.5	0.0	26.8	85
13/02/2024 06:20	4.7	282	11	7.0	0.0	26.8	85
13/02/2024 06:30	4.6	289	9	6.7	0.0	26.8	84
13/02/2024 06:40	6.3	282	7	8.7	0.0	26.8	84
13/02/2024 06:50	6.1	286	9	8.3	0.0	26.7	84
13/02/2024 07:00	6.3	288	7	8.2	0.0	26.8	83
13/02/2024 07:10	6.1	276	8	7.9	0.0	26.9	83
13/02/2024 07:20	6.1	274	8	7.9	0.0	27.2	82
13/02/2024 07:30	3.7	220	39	6.2	0.0	27.3	82
13/02/2024 07:40	3.7	265	54	5.7	0.0	27.2	82
13/02/2024 07:50	6.5	272	7	8.1	0.0	27.5	81
13/02/2024 08:00	2.6	304	26	5.1	0.0	27.9	79
13/02/2024 08:10	4.1	289	22	6.4	0.0	27.7	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/02/2024 08:20	3.9	279	17	5.9	0.0	28.1	79
13/02/2024 08:30	2.3	276	33	4.1	0.0	27.9	79
13/02/2024 08:40	4.9	279	10	7.4	0.0	28.3	77
13/02/2024 08:50	2.7	286	18	4.1	0.0	28.4	76
13/02/2024 09:00	4.3	277	11	6.6	0.0	28.6	75
13/02/2024 09:10	3.3	276	16	5.2	0.0	28.7	74
13/02/2024 09:20	4.5	280	10	6.4	0.0	29.1	73
13/02/2024 09:30	3.6	281	13	6.4	0.0	29.1	72
13/02/2024 09:40	4.5	283	17	6.7	0.0	29.4	71
13/02/2024 09:50	5.2	287	15	7.8	0.0	29.2	72
13/02/2024 10:00	4.1	288	17	6.3	0.0	29.7	70
13/02/2024 10:10	3.8	281	15	6.5	0.0	29.3	71
13/02/2024 10:20	4.0	274	19	6.5	0.0	29.2	72
13/02/2024 10:30	3.7	291	17	6.2	0.0	29.4	71
13/02/2024 10:40	4.6	293	11	7.4	0.0	29.4	71
13/02/2024 10:50	4.5	335	17	6.8	0.0	29.7	70
13/02/2024 11:00	4.3	329	18	6.2	0.0	29.4	71
13/02/2024 11:10	4.1	323	20	5.7	0.0	29.7	70
13/02/2024 11:20	4.3	290	19	6.2	0.0	29.9	69
13/02/2024 11:30	4.3	293	18	6.5	0.0	30.1	68
13/02/2024 11:40	5.0	300	15	7.6	0.0	30.5	66
13/02/2024 11:50	4.4	334	19	7.0	0.0	30.3	67
13/02/2024 12:00	4.7	315	16	7.0	0.0	30.4	67
13/02/2024 12:10	5.0	327	12	6.9	0.0	30.4	67
13/02/2024 12:20	4.5	317	14	7.1	0.0	30.6	66
13/02/2024 12:30	5.0	321	12	7.2	0.0	30.9	65
13/02/2024 12:40	4.7	323	13	6.4	0.0	30.7	65
13/02/2024 12:50	4.9	328	12	6.9	0.0	30.7	65
13/02/2024 13:00	5.1	330	16	7.6	0.0	30.7	65
13/02/2024 13:10	5.4	323	13	7.8	0.0	30.8	65
13/02/2024 13:20	5.3	321	13	7.5	0.0	30.6	66
13/02/2024 13:30	5.4	320	12	7.6	0.0	30.6	66
13/02/2024 13:40	5.3	313	12	7.5	0.0	30.7	66
13/02/2024 13:50	5.7	305	13	8.2	0.0	30.7	66
13/02/2024 14:00	6.0	305	12	8.4	0.0	30.5	67
13/02/2024 14:10	5.5	298	16	8.9	0.0	31.0	65
13/02/2024 14:20	6.1	288	13	8.4	0.0	31.2	64
13/02/2024 14:30	5.6	302	17	8.1	0.0	30.9	66
13/02/2024 14:40	5.2	171	18	7.8	0.0	30.7	66
13/02/2024 14:50	5.1	325	16	8.2	0.0	30.6	66
13/02/2024 15:00	5.7	328	15	7.9	0.0	30.3	68
13/02/2024 15:10	5.3	336	12	7.6	0.0	30.1	69
13/02/2024 15:20	5.5	327	16	7.5	0.0	30.0	70
13/02/2024 15:30	4.5	335	16	7.6	0.0	29.3	73
13/02/2024 15:40	5.1	335	12	8.0	0.0	29.2	73
13/02/2024 15:50	5.0	347	19	7.6	0.0	29.3	73
13/02/2024 16:00	5.2	332	18	8.7	0.0	29.1	73
13/02/2024 16:10	5.3	348	15	8.1	0.0	29.5	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/02/2024 16:20	5.2	341	14	7.5	0.0	29.3	72
13/02/2024 16:30	5.1	325	22	7.7	0.0	29.1	72
13/02/2024 16:40	5.1	325	17	7.9	0.0	29.3	71
13/02/2024 16:50	4.6	338	19	7.4	0.0	29.1	72
13/02/2024 17:00	5.3	341	15	7.8	0.0	29.0	73
13/02/2024 17:10	5.4	348	11	7.8	0.0	28.7	74
13/02/2024 17:20	5.6	344	14	7.5	0.0	28.7	74
13/02/2024 17:30	5.7	334	15	8.7	0.0	28.5	75
13/02/2024 17:40	5.9	334	12	9.1	0.0	28.6	75
13/02/2024 17:50	6.1	324	13	9.2	0.0	28.4	75
13/02/2024 18:00	6.4	329	13	9.2	0.0	28.3	75
13/02/2024 18:10	6.8	329	11	10.7	0.0	28.2	77
13/02/2024 18:20	8.1	333	9	12.2	0.0	28.1	77
13/02/2024 18:30	8.9	331	8	13.7	0.0	28.0	78
13/02/2024 18:40	8.7	331	11	12.6	0.0	27.8	79
13/02/2024 18:50	8.2	327	12	12.8	0.0	27.7	79
13/02/2024 19:00	5.7	312	14	9.2	0.0	27.7	79
13/02/2024 19:10	5.2	317	13	8.5	0.0	27.6	79
13/02/2024 19:20	7.1	315	10	10.2	0.0	27.5	80
13/02/2024 19:30	6.1	321	12	8.4	0.0	27.5	81
13/02/2024 19:40	5.2	314	13	8.2	0.0	27.5	81
13/02/2024 19:50	6.2	306	9	8.7	0.0	27.4	81
13/02/2024 20:00	4.7	311	13	7.0	0.0	27.4	81
13/02/2024 20:10	5.4	310	12	7.2	0.0	27.4	81
13/02/2024 20:20	4.9	309	10	6.8	0.0	27.3	81
13/02/2024 20:30	3.4	292	12	5.2	0.0	27.4	81
13/02/2024 20:40	2.4	291	10	3.5	0.0	27.5	80
13/02/2024 20:50	2.7	293	13	3.8	0.0	27.5	80
13/02/2024 21:00	2.2	316	12	3.6	0.0	27.4	79
13/02/2024 21:10	2.1	344	18	3.1	0.0	27.5	80
13/02/2024 21:20	2.0	167	11	2.5	0.0	27.4	79
13/02/2024 21:30	2.0	28	9	2.6	0.0	27.3	79
13/02/2024 21:40	2.1	37	17	3.4	0.0	27.5	79
13/02/2024 21:50	2.6	50	6	3.4	0.0	27.5	79
13/02/2024 22:00	2.4	44	23	3.2	0.0	27.6	78
13/02/2024 22:10	3.8	83	28	6.8	0.0	27.7	77
13/02/2024 22:20	4.0	83	25	6.1	0.0	27.8	77
13/02/2024 22:30	4.4	97	13	6.8	0.0	28.1	77
13/02/2024 22:40	3.3	77	13	5.0	0.0	28.0	77
13/02/2024 22:50	3.8	74	9	5.2	0.0	27.9	78
13/02/2024 23:00	3.5	63	24	5.1	0.0	27.9	78
13/02/2024 23:10	3.2	39	16	4.4	0.0	27.8	79
13/02/2024 23:20	2.7	30	9	4.4	0.0	27.6	80
13/02/2024 23:30	3.8	24	8	4.9	0.0	27.5	80
13/02/2024 23:40	4.9	10	9	6.3	0.0	27.5	80
13/02/2024 23:50	5.7	350	10	8.0	0.0	27.5	79
14/02/2024 00:00	6.0	327	11	8.7	0.0	27.6	79
14/02/2024 00:10	5.5	328	10	8.4	0.0	27.6	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/02/2024 00:20	6.9	324	10	9.8	0.0	27.7	79
14/02/2024 00:30	7.5	327	8	10.2	0.0	27.5	80
14/02/2024 00:40	5.8	295	19	8.7	0.0	27.4	81
14/02/2024 00:50	6.0	308	18	8.6	0.0	27.3	81
14/02/2024 01:00	3.7	314	11	5.2	0.0	27.2	81
14/02/2024 01:10	5.1	294	7	7.2	0.0	27.4	80
14/02/2024 01:20	6.1	296	7	8.4	0.0	27.3	80
14/02/2024 01:30	4.6	301	11	7.6	0.0	27.2	80
14/02/2024 01:40	4.7	294	11	6.8	0.0	27.2	80
14/02/2024 01:50	2.3	302	18	4.3	0.0	27.1	80
14/02/2024 02:00	3.0	313	12	4.1	0.0	27.1	80
14/02/2024 02:10	3.2	301	10	4.8	0.0	27.1	79
14/02/2024 02:20	4.7	310	11	7.0	0.0	27.2	79
14/02/2024 02:30	5.9	310	8	8.1	0.0	27.2	79
14/02/2024 02:40	4.3	301	13	6.7	0.0	27.2	79
14/02/2024 02:50	6.2	288	6	8.0	0.0	27.3	79
14/02/2024 03:00	7.3	286	7	9.6	0.0	27.2	79
14/02/2024 03:10	5.6	324	15	7.7	0.0	27.3	78
14/02/2024 03:20	4.5	309	18	7.0	0.0	27.3	79
14/02/2024 03:30	2.6	164	35	4.4	0.0	27.3	79
14/02/2024 03:40	1.9	330	32	3.5	0.0	27.3	78
14/02/2024 03:50	2.1	17	22	3.0	0.0	27.3	78
14/02/2024 04:00	3.0	28	18	4.4	0.0	27.2	79
14/02/2024 04:10	2.5	29	13	3.7	0.0	27.2	79
14/02/2024 04:20	2.5	194	13	3.7	0.0	27.1	80
14/02/2024 04:30	2.1	179	17	3.1	0.0	27.1	80
14/02/2024 04:40	2.4	329	24	4.1	0.0	27.0	80
14/02/2024 04:50	2.9	339	11	4.4	0.0	27.1	80
14/02/2024 05:00	3.2	326	13	4.5	0.0	27.1	80
14/02/2024 05:10	3.8	318	11	5.7	0.0	27.1	80
14/02/2024 05:20	4.7	310	10	6.5	0.0	27.0	81
14/02/2024 05:30	4.3	304	11	6.6	0.0	27.0	82
14/02/2024 05:40	3.9	316	11	5.9	0.0	27.0	83
14/02/2024 05:50	3.8	309	10	5.4	0.0	26.9	83
14/02/2024 06:00	3.7	311	11	5.6	0.0	26.9	83
14/02/2024 06:10	3.7	305	9	5.7	0.0	26.9	84
14/02/2024 06:20	3.6	313	11	5.2	0.0	26.9	84
14/02/2024 06:30	4.0	317	11	5.6	0.0	26.9	84
14/02/2024 06:40	3.8	329	10	5.2	0.0	27.0	84
14/02/2024 06:50	3.5	319	11	5.3	0.0	27.1	83
14/02/2024 07:00	3.6	316	11	5.4	0.0	27.2	82
14/02/2024 07:10	3.8	312	11	5.7	0.0	27.4	82
14/02/2024 07:20	3.8	310	11	5.5	0.0	27.6	81
14/02/2024 07:30	4.2	293	10	5.8	0.0	27.7	80
14/02/2024 07:40	4.3	292	11	5.6	0.0	27.9	79
14/02/2024 07:50	4.0	293	13	5.8	0.0	28.2	78
14/02/2024 08:00	4.8	287	9	6.8	0.0	28.3	77
14/02/2024 08:10	4.5	289	10	6.5	0.0	28.3	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/02/2024 08:20	4.1	291	11	5.9	0.0	28.5	75
14/02/2024 08:30	3.6	293	19	5.5	0.0	29.0	73
14/02/2024 08:40	4.5	278	11	5.9	0.0	28.7	73
14/02/2024 08:50	4.3	274	13	6.0	0.0	28.6	75
14/02/2024 09:00	3.6	266	22	5.3	0.0	28.4	75
14/02/2024 09:10	3.3	288	17	5.2	0.0	28.7	73
14/02/2024 09:20	3.1	290	24	4.9	0.0	29.2	71
14/02/2024 09:30	2.9	293	17	4.7	0.0	29.3	70
14/02/2024 09:40	2.8	303	25	4.8	0.0	29.5	70
14/02/2024 09:50	2.6	295	25	4.5	0.0	29.5	70
14/02/2024 10:00	2.7	281	23	4.4	0.0	29.6	70
14/02/2024 10:10	2.7	301	33	5.2	0.0	30.2	68
14/02/2024 10:20	2.5	280	30	4.0	0.0	30.2	68
14/02/2024 10:30	2.7	308	44	4.5	0.0	29.9	69
14/02/2024 10:40	2.8	317	30	4.9	0.0	30.4	67
14/02/2024 10:50	3.7	188	15	5.5	0.0	30.7	65
14/02/2024 11:00	3.5	331	19	5.7	0.0	30.6	65
14/02/2024 11:10	3.7	323	13	6.0	0.0	30.4	66
14/02/2024 11:20	3.9	321	12	5.9	0.0	30.4	66
14/02/2024 11:30	4.1	334	12	5.6	0.0	30.5	65
14/02/2024 11:40	3.9	323	13	6.1	0.0	30.5	65
14/02/2024 11:50	3.6	326	16	5.2	0.0	30.8	64
14/02/2024 12:00	4.1	339	15	5.8	0.0	30.7	64
14/02/2024 12:10	3.3	325	15	5.2	0.0	30.8	64
14/02/2024 12:20	3.1	333	26	5.4	0.0	31.0	64
14/02/2024 12:30	3.1	8	20	4.8	0.0	32.0	60
14/02/2024 12:40	3.7	355	30	5.9	0.0	32.2	59
14/02/2024 12:50	4.5	341	15	6.5	0.0	32.2	60
14/02/2024 13:00	4.8	329	15	6.5	0.0	31.8	62
14/02/2024 13:10	4.7	333	14	7.0	0.0	31.3	63
14/02/2024 13:20	4.9	328	11	6.6	0.0	31.1	64
14/02/2024 13:30	4.5	323	11	6.6	0.0	31.2	63
14/02/2024 13:40	4.3	333	16	6.6	0.0	31.2	63
14/02/2024 13:50	3.8	338	15	5.6	0.0	31.1	63
14/02/2024 14:00	4.6	346	15	6.8	0.0	31.4	63
14/02/2024 14:10	4.2	339	20	5.7	0.0	31.4	62
14/02/2024 14:20	4.4	346	15	6.3	0.0	31.4	62
14/02/2024 14:30	4.4	339	20	7.0	0.0	31.5	62
14/02/2024 14:40	4.1	327	16	6.3	0.0	31.2	63
14/02/2024 14:50	5.4	324	10	7.6	0.0	30.9	64
14/02/2024 15:00	5.1	330	9	7.0	0.0	30.4	67
14/02/2024 15:10	4.7	332	14	6.5	0.0	30.7	65
14/02/2024 15:20	5.2	326	12	7.1	0.0	30.6	64
14/02/2024 15:30	6.1	324	8	8.4	0.0	30.4	65
14/02/2024 15:40	5.7	322	10	8.4	0.0	30.2	67
14/02/2024 15:50	5.9	315	13	8.3	0.0	30.4	67
14/02/2024 16:00	6.0	319	14	9.0	0.0	30.2	68
14/02/2024 16:10	6.4	331	13	9.0	0.0	30.3	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/02/2024 16:20	7.3	327	11	9.6	0.0	29.7	70
14/02/2024 16:30	7.3	339	13	9.7	0.0	29.7	70
14/02/2024 16:40	7.2	331	8	9.3	0.0	29.3	72
14/02/2024 16:50	7.0	326	12	9.6	0.0	29.3	72
14/02/2024 17:00	7.0	330	12	9.4	0.0	29.3	72
14/02/2024 17:10	8.2	333	9	11.0	0.0	29.0	74
14/02/2024 17:20	7.4	331	8	9.9	0.0	28.9	74
14/02/2024 17:30	6.9	317	13	9.7	0.0	29.0	74
14/02/2024 17:40	7.1	321	10	10.1	0.0	28.8	75
14/02/2024 17:50	6.2	316	13	9.5	0.0	28.9	75
14/02/2024 18:00	6.0	311	13	9.3	0.0	28.8	75
14/02/2024 18:10	6.2	307	12	9.0	0.0	28.7	75
14/02/2024 18:20	6.0	306	10	9.3	0.0	28.6	76
14/02/2024 18:30	5.5	308	10	7.7	0.0	28.5	76
14/02/2024 18:40	6.4	311	10	8.9	0.0	28.3	77
14/02/2024 18:50	6.3	314	9	8.7	0.0	28.3	77
14/02/2024 19:00	6.4	310	9	8.8	0.0	28.2	78
14/02/2024 19:10	5.0	296	13	7.4	0.0	28.2	78
14/02/2024 19:20	5.2	305	11	6.7	0.0	28.1	79
14/02/2024 19:30	4.4	289	11	6.1	0.0	28.0	78
14/02/2024 19:40	5.0	279	11	7.2	0.0	28.1	78
14/02/2024 19:50	5.4	272	9	7.4	0.0	28.1	78
14/02/2024 20:00	5.2	281	10	6.9	0.0	28.1	78
14/02/2024 20:10	4.8	281	8	6.3	0.0	28.1	78
14/02/2024 20:20	4.9	283	7	6.5	0.0	28.1	77
14/02/2024 20:30	5.0	251	14	7.7	0.0	28.1	78
14/02/2024 20:40	6.9	205	10	9.6	0.0	28.6	76
14/02/2024 20:50	5.7	190	12	8.1	0.0	28.6	75
14/02/2024 21:00	3.9	208	44	7.1	0.0	28.7	75
14/02/2024 21:10	1.1	306	30	2.1	0.0	28.7	74
14/02/2024 21:20	1.5	221	27	2.3	0.0	28.8	74
14/02/2024 21:30	1.5	156	13	2.2	0.0	28.9	73
14/02/2024 21:40	0.4	303	50	0.9	0.0	28.9	71
14/02/2024 21:50	2.4	276	9	3.1	0.0	29.0	71
14/02/2024 22:00	2.4	302	11	3.4	0.0	29.0	71
14/02/2024 22:10	2.6	271	8	3.4	0.0	29.1	70
14/02/2024 22:20	2.3	275	16	3.4	0.0	29.2	70
14/02/2024 22:30	3.0	277	5	3.7	0.0	29.2	70
14/02/2024 22:40	3.3	282	6	4.2	0.0	29.2	70
14/02/2024 22:50	2.8	275	9	3.8	0.0	29.2	71
14/02/2024 23:00	2.3	291	9	3.1	0.0	29.2	71
14/02/2024 23:10	3.2	324	13	4.5	0.0	29.3	70
14/02/2024 23:20	3.9	314	9	5.5	0.0	29.2	70
14/02/2024 23:30	3.0	316	15	4.9	0.0	29.2	71
14/02/2024 23:40	4.4	323	9	6.3	0.0	29.1	71
14/02/2024 23:50	6.1	330	8	7.9	0.0	28.9	76
15/02/2024 00:00	5.3	322	9	7.5	0.0	28.7	76
15/02/2024 00:10	5.4	323	8	7.5	0.0	28.5	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/02/2024 00:20	6.0	323	9	8.8	0.0	28.5	78
15/02/2024 00:30	6.6	324	6	9.0	0.0	28.5	78
15/02/2024 00:40	5.6	321	11	8.1	0.0	28.3	79
15/02/2024 00:50	6.6	327	7	9.5	0.0	28.4	77
15/02/2024 01:00	6.0	327	8	8.4	0.0	28.4	76
15/02/2024 01:10	5.4	313	10	7.7	0.0	28.3	78
15/02/2024 01:20	5.0	319	9	7.5	0.0	28.2	77
15/02/2024 01:30	3.7	307	14	6.0	0.0	28.3	77
15/02/2024 01:40	4.6	294	13	6.6	0.0	28.2	77
15/02/2024 01:50	4.4	307	8	5.9	0.0	28.1	78
15/02/2024 02:00	4.8	309	7	6.7	0.0	28.0	78
15/02/2024 02:10	4.3	324	9	6.1	0.0	28.1	77
15/02/2024 02:20	3.7	318	14	5.5	0.0	28.1	77
15/02/2024 02:30	4.0	327	11	5.9	0.0	28.1	77
15/02/2024 02:40	5.1	338	9	7.0	0.0	28.1	78
15/02/2024 02:50	4.0	330	10	5.7	0.0	28.0	78
15/02/2024 03:00	3.9	324	10	5.3	0.0	28.0	78
15/02/2024 03:10	3.7	330	10	5.2	0.0	27.9	79
15/02/2024 03:20	3.0	333	11	4.6	0.0	27.9	79
15/02/2024 03:30	3.5	315	11	4.8	0.0	27.9	79
15/02/2024 03:40	3.5	309	8	4.9	0.0	27.8	79
15/02/2024 03:50	3.1	297	13	4.6	0.0	27.8	80
15/02/2024 04:00	2.3	259	14	3.3	0.0	27.8	79
15/02/2024 04:10	1.3	282	21	1.8	0.0	27.9	79
15/02/2024 04:20	0.5	239	37	0.8	0.0	27.9	79
15/02/2024 04:30	0.8	152	34	1.2	0.0	27.9	79
15/02/2024 04:40	1.3	185	14	1.9	0.0	27.9	79
15/02/2024 04:50	1.1	185	11	1.6	0.0	28.0	79
15/02/2024 05:00	1.0	206	11	1.3	0.0	28.0	78
15/02/2024 05:10	0.7	129	28	1.1	0.0	28.0	78
15/02/2024 05:20	0.8	26	8	1.1	0.0	27.9	79
15/02/2024 05:30	1.1	291	18	1.7	0.0	27.9	79
15/02/2024 05:40	1.5	307	11	2.1	0.0	27.9	79
15/02/2024 05:50	2.6	272	6	3.3	0.0	28.0	79
15/02/2024 06:00	3.1	270	4	3.6	0.0	27.9	79
15/02/2024 06:10	3.0	265	4	3.8	0.0	27.9	79
15/02/2024 06:20	3.7	264	6	4.8	0.0	27.9	78
15/02/2024 06:30	3.8	262	7	5.2	0.0	27.9	77
15/02/2024 06:40	4.7	266	7	6.2	0.0	28.0	77
15/02/2024 06:50	7.6	267	11	10.3	0.0	28.0	79
15/02/2024 07:00	5.7	237	15	8.8	0.0	28.0	81
15/02/2024 07:10	5.0	243	13	7.0	0.0	28.1	80
15/02/2024 07:20	5.7	245	13	7.6	0.0	28.2	79
15/02/2024 07:30	5.8	250	10	8.4	0.0	28.3	78
15/02/2024 07:40	7.1	259	5	9.0	0.0	28.2	77
15/02/2024 07:50	6.5	257	6	8.0	0.0	28.1	78
15/02/2024 08:00	6.7	259	6	8.6	0.0	28.2	78
15/02/2024 08:10	6.3	261	8	8.1	0.0	28.2	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/02/2024 08:20	4.7	279	8	6.6	0.0	28.3	78
15/02/2024 08:30	3.4	217	18	5.3	0.0	28.5	77
15/02/2024 08:40	1.5	82	24	2.5	0.0	28.7	76
15/02/2024 08:50	1.7	105	42	3.6	0.0	28.9	75
15/02/2024 09:00	1.7	129	20	3.5	0.0	29.0	75
15/02/2024 09:10	3.2	110	19	4.8	0.0	29.1	75
15/02/2024 09:20	2.8	115	23	4.2	0.0	29.4	74
15/02/2024 09:30	3.3	97	25	5.2	0.0	29.4	74
15/02/2024 09:40	2.6	86	23	4.2	0.0	29.4	74
15/02/2024 09:50	2.6	99	15	3.8	0.0	29.3	74
15/02/2024 10:00	2.6	89	16	3.9	0.0	29.3	75
15/02/2024 10:10	1.6	135	31	3.3	0.0	29.0	76
15/02/2024 10:20	3.1	213	27	5.2	0.0	29.1	75
15/02/2024 10:30	3.5	254	17	5.6	0.0	29.3	72
15/02/2024 10:40	5.7	263	8	7.0	0.0	29.9	68
15/02/2024 10:50	4.9	267	8	6.9	0.0	30.2	67
15/02/2024 11:00	3.8	290	15	5.7	0.0	30.3	68
15/02/2024 11:10	3.6	264	13	5.1	0.0	30.6	69
15/02/2024 11:20	4.6	272	12	6.4	0.0	30.5	70
15/02/2024 11:30	4.6	268	15	6.2	0.0	30.5	69
15/02/2024 11:40	4.9	272	11	6.9	0.0	30.7	69
15/02/2024 11:50	4.4	264	15	6.3	0.0	30.9	69
15/02/2024 12:00	3.2	263	17	4.9	0.0	30.9	68
15/02/2024 12:10	3.1	268	17	4.7	0.0	31.2	66
15/02/2024 12:20	4.3	274	11	6.5	0.0	31.2	65
15/02/2024 12:30	4.4	278	9	5.9	0.0	31.0	65
15/02/2024 12:40	4.1	260	13	6.4	0.0	31.4	63
15/02/2024 12:50	4.2	254	10	5.9	0.0	31.6	63
15/02/2024 13:00	5.1	264	12	7.0	0.0	32.3	59
15/02/2024 13:10	5.6	274	13	8.4	0.0	32.4	58
15/02/2024 13:20	4.9	300	12	7.0	0.0	32.1	61
15/02/2024 13:30	4.6	296	12	6.8	0.0	31.8	61
15/02/2024 13:40	5.0	288	11	6.6	0.0	31.8	59
15/02/2024 13:50	4.7	290	21	6.2	0.0	31.7	60
15/02/2024 14:00	4.8	318	16	6.7	0.0	32.0	60
15/02/2024 14:10	5.3	317	11	7.3	0.0	31.5	60
15/02/2024 14:20	5.5	320	15	7.6	0.0	31.8	59
15/02/2024 14:30	5.9	322	14	7.7	0.0	31.6	59
15/02/2024 14:40	5.6	316	14	8.0	0.0	32.0	58
15/02/2024 14:50	6.0	308	11	8.4	0.0	31.1	62
15/02/2024 15:00	6.1	319	12	8.6	0.0	30.9	61
15/02/2024 15:10	6.2	319	15	8.8	0.0	31.0	60
15/02/2024 15:20	6.2	313	7	8.0	0.0	31.0	60
15/02/2024 15:30	5.8	317	11	7.7	0.0	31.3	59
15/02/2024 15:40	5.4	310	10	7.2	0.0	31.7	56
15/02/2024 15:50	5.4	313	13	7.3	0.0	32.0	56
15/02/2024 16:00	5.8	305	12	7.5	0.0	31.5	58
15/02/2024 16:10	5.5	302	11	7.5	0.0	31.6	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/02/2024 16:20	5.5	313	10	8.4	0.0	31.5	60
15/02/2024 16:30	6.1	317	10	8.6	0.0	30.9	65
15/02/2024 16:40	5.8	312	10	8.4	0.0	30.7	66
15/02/2024 16:50	5.5	305	11	8.0	0.0	30.7	65
15/02/2024 17:00	6.0	310	11	8.4	0.0	30.3	67
15/02/2024 17:10	6.6	305	10	8.6	0.0	30.3	63
15/02/2024 17:20	6.2	306	11	8.2	0.0	30.3	64
15/02/2024 17:30	6.1	315	12	8.0	0.0	30.0	69
15/02/2024 17:40	6.3	306	10	9.4	0.0	29.9	71
15/02/2024 17:50	6.2	309	10	8.5	0.0	29.7	72
15/02/2024 18:00	6.0	305	11	8.5	0.0	29.5	74
15/02/2024 18:10	6.1	305	11	8.7	0.0	29.4	75
15/02/2024 18:20	5.4	303	13	7.5	0.0	29.2	76
15/02/2024 18:30	6.3	306	8	8.8	0.0	29.0	76
15/02/2024 18:40	5.9	303	10	7.9	0.0	28.8	77
15/02/2024 18:50	6.2	309	10	8.6	0.0	28.6	79
15/02/2024 19:00	6.2	306	11	9.3	0.0	28.5	79
15/02/2024 19:10	6.8	312	6	8.7	0.0	28.3	79
15/02/2024 19:20	5.8	303	10	8.0	0.0	28.4	79
15/02/2024 19:30	5.9	301	9	8.8	0.0	28.3	79
15/02/2024 19:40	6.1	293	8	8.3	0.0	28.3	80
15/02/2024 19:50	6.2	289	7	8.6	0.0	28.2	80
15/02/2024 20:00	6.2	288	7	8.3	0.0	28.1	81
15/02/2024 20:10	6.1	280	7	8.2	0.0	28.1	80
15/02/2024 20:20	6.4	282	7	8.4	0.0	28.1	81
15/02/2024 20:30	6.3	278	5	7.7	0.0	28.0	81
15/02/2024 20:40	5.5	275	8	7.2	0.0	28.0	81
15/02/2024 20:50	6.0	279	5	7.4	0.0	28.1	81
15/02/2024 21:00	5.7	252	10	7.5	0.0	28.1	81
15/02/2024 21:10	5.6	260	10	7.4	0.0	28.2	81
15/02/2024 21:20	5.0	259	10	6.5	0.0	28.2	80
15/02/2024 21:30	5.7	264	7	7.0	0.0	28.1	80
15/02/2024 21:40	4.8	262	13	6.2	0.0	28.1	80
15/02/2024 21:50	5.0	261	12	6.7	0.0	28.1	80
15/02/2024 22:00	5.3	276	10	7.1	0.0	28.1	80
15/02/2024 22:10	6.0	277	6	7.8	0.0	28.1	80
15/02/2024 22:20	6.3	272	7	8.1	0.0	28.2	81
15/02/2024 22:30	5.9	273	8	7.8	0.0	28.1	82
15/02/2024 22:40	6.1	276	6	7.9	0.0	28.1	82
15/02/2024 22:50	6.4	279	6	8.2	0.0	28.1	83
15/02/2024 23:00	6.4	272	6	8.4	0.0	28.0	83
15/02/2024 23:10	6.9	279	5	8.8	0.0	28.0	84
15/02/2024 23:20	5.8	278	7	7.8	0.0	27.9	84
15/02/2024 23:30	5.3	277	8	6.7	0.0	27.9	84
15/02/2024 23:40	4.6	279	7	6.1	0.0	27.8	84
15/02/2024 23:50	4.3	284	8	5.8	0.0	27.8	85
16/02/2024 00:00	4.9	278	8	6.6	0.0	27.6	84
16/02/2024 00:10	5.0	279	6	6.7	0.0	27.6	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/02/2024 00:20	5.2	279	5	6.6	0.0	27.5	84
16/02/2024 00:30	5.1	282	6	6.7	0.0	27.5	84
16/02/2024 00:40	4.4	276	9	6.2	0.0	27.5	84
16/02/2024 00:50	5.7	267	6	7.4	0.0	27.5	85
16/02/2024 01:00	5.1	263	7	6.7	0.0	27.5	85
16/02/2024 01:10	5.2	258	7	6.7	0.0	27.6	84
16/02/2024 01:20	4.9	256	7	6.2	0.0	27.7	85
16/02/2024 01:30	4.2	262	7	5.4	0.0	27.6	84
16/02/2024 01:40	3.8	260	6	4.9	0.0	27.6	85
16/02/2024 01:50	3.9	261	8	5.5	0.0	27.7	85
16/02/2024 02:00	4.7	259	6	5.7	0.0	27.7	85
16/02/2024 02:10	5.2	255	6	6.5	0.0	27.7	84
16/02/2024 02:20	5.4	255	6	6.9	0.0	27.7	84
16/02/2024 02:30	4.5	239	9	6.2	0.0	27.8	83
16/02/2024 02:40	4.9	253	8	6.6	0.0	27.8	82
16/02/2024 02:50	4.4	262	6	5.6	0.0	27.7	82
16/02/2024 03:00	4.6	258	6	5.8	0.0	27.7	81
16/02/2024 03:10	4.4	264	6	5.9	0.0	27.8	81
16/02/2024 03:20	5.0	268	7	6.7	0.0	27.8	82
16/02/2024 03:30	5.5	271	7	6.9	0.0	27.9	82
16/02/2024 03:40	3.5	257	9	4.5	0.0	27.9	82
16/02/2024 03:50	5.5	260	6	7.0	0.0	27.9	83
16/02/2024 04:00	6.6	256	7	8.9	0.0	27.7	85
16/02/2024 04:10	7.8	259	5	10.2	0.0	27.6	85
16/02/2024 04:20	6.9	267	7	9.2	0.0	27.7	84
16/02/2024 04:30	4.6	242	15	7.0	0.0	28.0	83
16/02/2024 04:40	1.6	176	46	2.6	0.0	28.1	82
16/02/2024 04:50	3.2	289	12	4.5	0.0	28.0	82
16/02/2024 05:00	3.0	272	10	4.4	0.0	28.0	82
16/02/2024 05:10	2.8	259	10	4.1	0.0	28.2	81
16/02/2024 05:20	1.5	298	13	2.7	0.0	28.3	81
16/02/2024 05:30	1.4	299	20	2.2	0.0	28.3	80
16/02/2024 05:40	2.6	273	7	3.0	0.0	28.4	80
16/02/2024 05:50	3.6	265	4	4.5	0.0	28.4	81
16/02/2024 06:00	5.8	269	5	7.2	0.0	28.4	81
16/02/2024 06:10	6.1	268	7	7.7	0.0	28.6	81
16/02/2024 06:20	4.9	278	9	7.3	0.0	28.7	83
16/02/2024 06:30	3.8	268	10	5.3	0.0	28.6	86
16/02/2024 06:40	4.5	260	7	5.5	0.0	28.5	87
16/02/2024 06:50	4.5	260	5	5.4	0.0	28.4	87
16/02/2024 07:00	4.7	259	6	5.9	0.0	28.4	87
16/02/2024 07:10	3.8	262	8	4.9	0.0	28.5	87
16/02/2024 07:20	3.7	273	7	4.8	0.0	28.6	85
16/02/2024 07:30	4.7	250	9	6.4	0.0	28.9	84
16/02/2024 07:40	4.0	262	12	5.6	0.0	29.0	84
16/02/2024 07:50	3.2	303	12	4.4	0.0	28.9	85
16/02/2024 08:00	4.0	274	6	5.4	0.0	29.0	84
16/02/2024 08:10	3.9	263	7	5.0	0.0	29.1	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/02/2024 08:20	3.5	260	10	4.4	0.0	29.2	83
16/02/2024 08:30	4.1	324	12	5.6	0.0	29.5	81
16/02/2024 08:40	4.3	300	12	5.8	0.0	29.7	81
16/02/2024 08:50	4.8	295	10	6.5	0.0	29.7	81
16/02/2024 09:00	4.5	301	8	5.7	0.0	29.5	82
16/02/2024 09:10	4.4	304	11	5.9	0.0	29.4	83
16/02/2024 09:20	4.1	301	10	5.6	0.0	29.7	81
16/02/2024 09:30	4.0	309	14	6.1	0.0	29.5	82
16/02/2024 09:40	5.0	303	8	7.1	0.0	29.3	83
16/02/2024 09:50	5.3	310	11	7.1	0.0	29.5	81
16/02/2024 10:00	4.9	312	11	6.6	0.0	29.7	80
16/02/2024 10:10	5.5	307	11	7.5	0.0	30.0	78
16/02/2024 10:20	5.3	314	10	6.9	0.0	30.1	77
16/02/2024 10:30	5.6	309	7	6.8	0.0	30.3	75
16/02/2024 10:40	5.9	307	11	7.8	0.0	30.3	76
16/02/2024 10:50	5.4	306	11	7.1	0.0	30.4	75
16/02/2024 11:00	5.8	306	10	7.4	0.0	30.8	73
16/02/2024 11:10	5.5	309	13	7.7	0.0	31.3	70
16/02/2024 11:20	5.4	298	14	7.3	0.0	31.6	68
16/02/2024 11:30	4.7	306	15	6.3	0.0	31.8	67
16/02/2024 11:40	5.4	289	11	7.1	0.0	32.1	65
16/02/2024 11:50	6.1	282	7	7.9	0.0	32.2	65
16/02/2024 12:00	6.3	285	8	8.0	0.0	32.1	64
16/02/2024 12:10	5.3	298	11	7.6	0.0	32.5	62
16/02/2024 12:20	4.9	297	15	7.2	0.0	32.8	61
16/02/2024 12:30	5.2	304	12	7.4	0.0	32.8	61
16/02/2024 12:40	5.8	310	10	7.8	0.0	32.5	62
16/02/2024 12:50	6.1	303	11	7.8	0.0	32.6	61
16/02/2024 13:00	7.4	313	5	9.3	0.0	31.8	64
16/02/2024 13:10	6.4	302	9	8.6	0.0	32.0	64
16/02/2024 13:20	6.4	294	9	8.3	0.0	32.7	59
16/02/2024 13:30	6.8	307	10	9.4	0.0	32.8	58
16/02/2024 13:40	7.5	313	6	9.3	0.0	32.2	60
16/02/2024 13:50	7.0	310	9	9.5	0.0	32.3	60
16/02/2024 14:00	7.3	313	6	9.6	0.0	31.8	61
16/02/2024 14:10	7.5	307	9	10.2	0.0	31.6	62
16/02/2024 14:20	7.1	310	11	9.9	0.0	31.7	62
16/02/2024 14:30	8.3	315	8	10.9	0.0	31.6	61
16/02/2024 14:40	7.4	308	11	10.8	0.0	31.7	60
16/02/2024 14:50	6.5	302	12	9.3	0.0	32.6	58
16/02/2024 15:00	7.1	294	11	9.8	0.0	32.2	60
16/02/2024 15:10	8.1	287	7	11.1	0.0	31.7	61
16/02/2024 15:20	8.5	294	7	10.7	0.0	31.6	61
16/02/2024 15:30	8.3	291	7	10.4	0.0	31.6	64
16/02/2024 15:40	8.3	287	9	11.3	0.0	32.0	64
16/02/2024 15:50	9.9	264	8	12.0	0.0	31.0	70
16/02/2024 16:00	9.6	264	7	11.8	0.0	30.9	70
16/02/2024 16:10	9.5	273	7	11.7	0.0	31.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/02/2024 16:20	9.2	269	6	11.6	0.0	31.3	67
16/02/2024 16:30	9.5	270	7	11.5	0.0	31.1	68
16/02/2024 16:40	9.0	274	5	10.9	0.0	30.9	68
16/02/2024 16:50	7.7	276	8	10.2	0.0	31.5	65
16/02/2024 17:00	7.8	271	7	9.8	0.0	31.7	65
16/02/2024 17:10	6.9	276	10	9.1	0.0	32.0	65
16/02/2024 17:20	7.2	289	8	9.7	0.0	31.6	67
16/02/2024 17:30	8.0	287	6	10.1	0.0	31.0	67
16/02/2024 17:40	6.9	296	7	9.3	0.0	31.1	65
16/02/2024 17:50	7.0	293	7	8.9	0.0	31.4	62
16/02/2024 18:00	7.7	290	6	10.0	0.0	31.5	60
16/02/2024 18:10	7.3	282	9	9.8	0.0	31.4	60
16/02/2024 18:20	6.8	269	6	9.4	0.0	31.0	71
16/02/2024 18:30	7.0	270	4	9.0	0.0	30.4	73
16/02/2024 18:40	6.7	274	6	8.5	0.0	30.3	72
16/02/2024 18:50	6.1	274	6	8.0	0.0	30.3	71
16/02/2024 19:00	6.2	268	5	7.8	0.0	30.3	71
16/02/2024 19:10	6.9	267	4	8.5	0.0	30.0	72
16/02/2024 19:20	7.0	267	7	9.2	0.0	29.9	72
16/02/2024 19:30	6.7	273	6	9.4	0.0	29.7	72
16/02/2024 19:40	6.6	268	6	9.4	0.0	29.7	73
16/02/2024 19:50	7.2	269	7	8.8	0.0	29.5	74
16/02/2024 20:00	7.1	271	7	9.2	0.0	29.4	74
16/02/2024 20:10	7.6	271	5	9.2	0.0	29.3	73
16/02/2024 20:20	6.9	270	6	8.8	0.0	29.3	72
16/02/2024 20:30	6.6	276	5	8.5	0.0	29.4	71
16/02/2024 20:40	7.0	278	6	8.8	0.0	29.5	71
16/02/2024 20:50	6.7	281	7	8.5	0.0	29.4	71
16/02/2024 21:00	7.3	277	5	9.2	0.0	29.4	71
16/02/2024 21:10	6.9	279	6	8.8	0.0	29.4	72
16/02/2024 21:20	7.0	271	6	9.8	0.0	29.4	73
16/02/2024 21:30	7.0	271	6	9.2	0.0	29.4	72
16/02/2024 21:40	7.3	268	7	9.4	0.0	29.4	71
16/02/2024 21:50	7.2	263	6	9.7	0.0	29.5	69
16/02/2024 22:00	7.7	265	5	10.0	0.0	29.6	70
16/02/2024 22:10	7.0	266	6	9.0	0.0	29.6	73
16/02/2024 22:20	7.3	265	6	9.7	0.0	29.5	74
16/02/2024 22:30	7.4	268	4	9.4	0.0	29.6	76
16/02/2024 22:40	7.1	263	7	9.3	0.0	29.5	78
16/02/2024 22:50	7.6	259	6	9.9	0.0	29.3	79
16/02/2024 23:00	7.6	258	6	10.0	0.0	29.2	79
16/02/2024 23:10	7.3	262	4	9.4	0.0	29.1	79
16/02/2024 23:20	7.3	263	6	9.6	0.0	29.1	78
16/02/2024 23:30	6.8	262	6	9.1	0.0	29.1	77
16/02/2024 23:40	6.6	262	5	8.4	0.0	29.1	76
16/02/2024 23:50	6.4	259	5	7.8	0.0	29.1	78
17/02/2024 00:00	6.6	256	6	8.2	0.0	29.0	80
17/02/2024 00:10	6.4	255	7	8.5	0.0	28.9	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/02/2024 00:20	6.1	258	6	8.0	0.0	28.9	81
17/02/2024 00:30	6.0	260	6	8.2	0.0	28.8	81
17/02/2024 00:40	6.1	258	7	8.1	0.0	28.8	81
17/02/2024 00:50	6.2	256	7	8.5	0.0	28.8	81
17/02/2024 01:00	6.8	258	6	9.0	0.0	28.7	81
17/02/2024 01:10	6.6	258	7	8.6	0.0	28.6	79
17/02/2024 01:20	5.7	268	7	8.5	0.0	28.7	78
17/02/2024 01:30	6.2	261	7	8.4	0.0	28.8	78
17/02/2024 01:40	6.4	271	8	8.7	0.0	28.8	78
17/02/2024 01:50	6.9	265	6	9.0	0.0	28.8	79
17/02/2024 02:00	6.4	271	7	9.0	0.0	28.8	78
17/02/2024 02:10	6.8	264	5	8.8	0.0	28.8	79
17/02/2024 02:20	6.4	262	6	8.5	0.0	28.8	80
17/02/2024 02:30	5.5	258	6	7.4	0.0	28.7	81
17/02/2024 02:40	5.5	258	6	7.1	0.0	28.6	81
17/02/2024 02:50	5.3	263	6	6.8	0.0	28.6	82
17/02/2024 03:00	4.9	278	10	7.0	0.0	28.7	82
17/02/2024 03:10	6.1	267	7	8.0	0.0	28.7	82
17/02/2024 03:20	6.5	273	6	8.7	0.0	28.8	82
17/02/2024 03:30	5.6	273	8	7.3	0.0	28.9	82
17/02/2024 03:40	4.9	283	10	6.6	0.0	28.9	83
17/02/2024 03:50	5.1	295	8	7.3	0.0	28.7	83
17/02/2024 04:00	5.1	292	9	7.5	0.0	28.7	80
17/02/2024 04:10	6.2	290	7	8.5	0.0	28.6	79
17/02/2024 04:20	5.8	294	8	8.1	0.0	28.5	81
17/02/2024 04:30	5.2	292	8	7.2	0.0	28.3	81
17/02/2024 04:40	4.8	287	9	6.4	0.0	28.1	81
17/02/2024 04:50	3.9	270	8	5.1	0.0	28.2	81
17/02/2024 05:00	2.4	268	26	3.8	0.0	28.2	81
17/02/2024 05:10	3.0	95	15	4.9	0.0	28.3	80
17/02/2024 05:20	3.2	76	7	3.9	0.0	28.4	79
17/02/2024 05:30	3.0	62	9	3.8	0.0	28.6	79
17/02/2024 05:40	2.0	26	9	2.7	0.0	28.5	80
17/02/2024 05:50	2.5	25	8	3.8	0.0	28.5	81
17/02/2024 06:00	1.3	187	20	2.0	0.0	28.4	82
17/02/2024 06:10	2.5	281	11	3.5	0.0	28.4	82
17/02/2024 06:20	5.5	275	6	7.2	0.0	28.4	81
17/02/2024 06:30	8.3	254	7	10.9	0.0	28.5	81
17/02/2024 06:40	11.0	273	6	14.7	0.0	28.6	81
17/02/2024 06:50	11.7	285	6	15.7	0.0	28.7	79
17/02/2024 07:00	9.7	280	8	12.4	0.0	28.9	77
17/02/2024 07:10	10.4	279	5	12.9	0.0	29.1	76
17/02/2024 07:20	8.9	282	7	11.6	0.0	29.3	75
17/02/2024 07:30	7.3	282	8	9.6	0.0	29.8	72
17/02/2024 07:40	7.6	291	8	11.2	0.0	30.7	65
17/02/2024 07:50	7.3	284	10	10.2	0.0	32.1	55
17/02/2024 08:00	7.0	271	9	9.5	0.0	31.9	61
17/02/2024 08:10	7.4	268	10	9.8	0.0	31.4	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/02/2024 08:20	6.7	274	9	8.7	0.0	31.1	69
17/02/2024 08:30	6.7	263	10	8.8	0.0	31.4	64
17/02/2024 08:40	8.2	257	8	10.4	0.0	31.4	64
17/02/2024 08:50	7.9	268	6	10.1	0.0	31.5	65
17/02/2024 09:00	8.3	269	8	9.9	0.0	31.3	66
17/02/2024 09:10	7.9	270	7	10.4	0.0	31.2	67
17/02/2024 09:20	7.4	278	7	9.9	0.0	31.2	68
17/02/2024 09:30	7.6	277	9	9.9	0.0	31.3	67
17/02/2024 09:40	7.1	279	9	9.0	0.0	31.3	68
17/02/2024 09:50	7.4	279	8	9.5	0.0	31.0	70
17/02/2024 10:00	7.1	281	7	8.8	0.0	31.0	70
17/02/2024 10:10	6.4	286	8	7.9	0.0	31.1	70
17/02/2024 10:20	6.3	286	9	8.4	0.0	31.2	69
17/02/2024 10:30	6.3	283	10	8.2	0.0	31.2	70
17/02/2024 10:40	6.5	285	10	8.3	0.0	31.2	69
17/02/2024 10:50	6.0	277	10	7.9	0.0	31.6	68
17/02/2024 11:00	6.2	278	13	8.2	0.0	31.7	67
17/02/2024 11:10	7.0	268	6	8.8	0.0	31.6	67
17/02/2024 11:20	7.0	270	8	8.6	0.0	31.8	66
17/02/2024 11:30	6.4	279	11	8.7	0.0	32.0	65
17/02/2024 11:40	6.5	269	9	8.0	0.0	32.3	64
17/02/2024 11:50	6.4	259	11	8.0	0.0	32.7	63
17/02/2024 12:00	6.5	269	12	8.7	0.0	32.8	61
17/02/2024 12:10	6.6	267	10	8.8	0.0	33.3	59
17/02/2024 12:20	6.3	280	11	8.4	0.0	33.6	57
17/02/2024 12:30	6.6	296	10	8.5	0.0	32.8	63
17/02/2024 12:40	6.4	293	12	9.0	0.0	32.6	64
17/02/2024 12:50	6.7	308	11	8.9	0.0	32.7	63
17/02/2024 13:00	7.1	321	12	9.7	0.0	32.1	66
17/02/2024 13:10	8.4	313	9	10.6	0.0	31.5	68
17/02/2024 13:20	7.5	313	9	10.6	0.0	31.5	68
17/02/2024 13:30	6.8	307	11	10.1	0.0	31.7	67
17/02/2024 13:40	7.3	291	6	9.9	0.0	32.4	61
17/02/2024 13:50	7.5	286	8	10.3	0.0	32.7	59
17/02/2024 14:00	7.9	290	8	10.1	0.0	32.9	57
17/02/2024 14:10	7.7	291	8	10.1	0.0	33.1	57
17/02/2024 14:20	7.5	296	6	9.4	0.0	32.8	59
17/02/2024 14:30	8.0	297	5	9.7	0.0	32.8	59
17/02/2024 14:40	7.4	294	8	10.1	0.0	33.2	56
17/02/2024 14:50	7.2	290	8	9.8	0.0	33.4	55
17/02/2024 15:00	7.1	292	7	9.5	0.0	33.6	54
17/02/2024 15:10	6.7	295	7	9.4	0.0	33.6	53
17/02/2024 15:20	6.7	295	9	9.2	0.0	33.5	54
17/02/2024 15:30	7.0	294	8	9.2	0.0	33.6	53
17/02/2024 15:40	6.4	294	9	8.4	0.0	33.5	54
17/02/2024 15:50	6.9	292	7	8.8	0.0	33.4	55
17/02/2024 16:00	7.2	295	6	8.9	0.0	33.3	55
17/02/2024 16:10	8.0	297	5	9.7	0.0	32.5	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/02/2024 16:20	7.4	297	7	9.5	0.0	32.5	60
17/02/2024 16:30	6.9	297	8	9.2	0.0	32.4	61
17/02/2024 16:40	6.8	286	10	9.5	0.0	32.7	62
17/02/2024 16:50	7.9	270	7	10.2	0.0	32.3	65
17/02/2024 17:00	7.4	270	8	10.0	0.0	32.2	65
17/02/2024 17:10	6.9	273	8	9.5	0.0	32.3	65
17/02/2024 17:20	6.7	281	9	9.1	0.0	32.3	65
17/02/2024 17:30	6.4	288	8	8.6	0.0	32.2	66
17/02/2024 17:40	7.0	288	6	9.3	0.0	31.7	67
17/02/2024 17:50	7.1	291	6	9.1	0.0	31.6	66
17/02/2024 18:00	6.3	291	9	8.7	0.0	31.3	67
17/02/2024 18:10	5.9	293	9	8.4	0.0	31.1	68
17/02/2024 18:20	5.4	296	11	8.4	0.0	30.9	69
17/02/2024 18:30	6.3	296	10	8.8	0.0	30.4	70
17/02/2024 18:40	6.7	291	8	8.6	0.0	30.2	70
17/02/2024 18:50	6.8	293	7	9.0	0.0	29.9	71
17/02/2024 19:00	7.1	288	6	9.6	0.0	29.8	73
17/02/2024 19:10	6.9	291	6	8.6	0.0	29.6	73
17/02/2024 19:20	7.0	292	7	9.4	0.0	29.5	75
17/02/2024 19:30	7.1	289	9	9.3	0.0	29.3	76
17/02/2024 19:40	7.5	285	6	9.7	0.0	29.2	76
17/02/2024 19:50	7.6	282	6	9.8	0.0	29.1	77
17/02/2024 20:00	7.6	282	7	9.9	0.0	29.1	76
17/02/2024 20:10	6.8	280	7	9.3	0.0	29.0	78
17/02/2024 20:20	7.0	281	7	9.1	0.0	28.9	78
17/02/2024 20:30	6.1	280	7	8.0	0.0	28.9	78
17/02/2024 20:40	6.6	283	8	9.0	0.0	28.9	79
17/02/2024 20:50	6.7	283	6	8.5	0.0	28.8	80
17/02/2024 21:00	7.2	278	6	9.8	0.0	28.8	79
17/02/2024 21:10	7.0	277	6	9.4	0.0	28.8	78
17/02/2024 21:20	6.6	279	6	9.2	0.0	28.8	79
17/02/2024 21:30	7.1	278	5	9.2	0.0	28.7	80
17/02/2024 21:40	6.7	274	7	8.7	0.0	28.6	80
17/02/2024 21:50	6.6	278	6	8.3	0.0	28.6	80
17/02/2024 22:00	6.1	277	6	8.5	0.0	28.5	81
17/02/2024 22:10	5.8	277	7	7.3	0.0	28.5	81
17/02/2024 22:20	5.8	272	7	7.6	0.0	28.5	82
17/02/2024 22:30	6.5	269	5	8.7	0.0	28.4	83
17/02/2024 22:40	6.7	270	6	8.9	0.0	28.3	84
17/02/2024 22:50	6.7	273	6	8.9	0.0	28.2	85
17/02/2024 23:00	6.0	272	6	8.3	0.0	28.3	85
17/02/2024 23:10	6.0	269	7	7.7	0.0	28.3	85
17/02/2024 23:20	5.5	263	7	7.2	0.0	28.3	85
17/02/2024 23:30	6.3	273	6	7.9	0.0	28.3	85
17/02/2024 23:40	6.4	266	7	9.3	0.0	28.2	86
17/02/2024 23:50	6.7	267	6	9.5	0.0	28.2	86
18/02/2024 00:00	7.3	268	6	9.6	0.0	28.2	87
18/02/2024 00:10	6.6	262	6	8.9	0.0	28.1	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/02/2024 00:20	6.4	260	7	8.1	0.0	28.1	88
18/02/2024 00:30	5.9	258	7	7.4	0.0	28.1	88
18/02/2024 00:40	5.7	259	6	7.0	0.0	28.1	88
18/02/2024 00:50	4.8	259	6	6.0	0.0	28.1	89
18/02/2024 01:00	4.6	258	6	5.8	0.0	28.2	88
18/02/2024 01:10	4.3	259	6	5.6	0.0	28.2	88
18/02/2024 01:20	4.7	258	7	6.6	0.0	28.3	87
18/02/2024 01:30	4.5	262	6	5.7	0.0	28.3	86
18/02/2024 01:40	4.8	262	5	6.1	0.0	28.3	86
18/02/2024 01:50	4.6	265	7	5.8	0.0	28.3	86
18/02/2024 02:00	4.3	264	6	5.6	0.0	28.3	86
18/02/2024 02:10	4.0	273	7	5.3	0.0	28.3	86
18/02/2024 02:20	4.4	261	5	5.4	0.0	28.3	87
18/02/2024 02:30	3.7	270	5	4.6	0.0	28.2	87
18/02/2024 02:40	4.2	265	4	5.3	0.0	28.1	86
18/02/2024 02:50	4.3	259	5	5.5	0.0	28.2	86
18/02/2024 03:00	3.7	261	6	4.9	0.0	28.3	87
18/02/2024 03:10	3.7	260	5	4.6	0.0	28.2	88
18/02/2024 03:20	3.4	263	4	4.1	0.0	28.1	88
18/02/2024 03:30	3.1	267	6	4.0	0.0	28.0	89
18/02/2024 03:40	3.6	273	6	4.6	0.0	28.2	89
18/02/2024 03:50	3.5	277	6	4.7	0.0	28.1	90
18/02/2024 04:00	3.1	290	7	4.0	0.0	28.1	90
18/02/2024 04:10	2.8	286	8	3.9	0.0	27.9	91
18/02/2024 04:20	3.2	291	9	4.6	0.0	27.8	91
18/02/2024 04:30	3.0	285	7	3.8	0.0	27.8	91
18/02/2024 04:40	2.8	286	9	4.0	0.0	27.7	91
18/02/2024 04:50	3.4	283	7	4.3	0.0	27.5	91
18/02/2024 05:00	3.6	282	8	4.6	0.0	27.5	92
18/02/2024 05:10	3.9	284	6	5.2	0.0	27.4	92
18/02/2024 05:20	3.6	277	6	4.8	0.0	27.3	92
18/02/2024 05:30	4.0	275	7	5.7	0.0	27.3	92
18/02/2024 05:40	3.9	275	7	5.0	0.0	27.2	91
18/02/2024 05:50	3.7	281	6	5.0	0.0	27.2	91
18/02/2024 06:00	4.2	286	5	5.3	0.0	27.2	92
18/02/2024 06:10	4.3	282	7	5.5	0.0	27.1	92
18/02/2024 06:20	4.8	275	7	6.0	0.0	27.1	92
18/02/2024 06:30	5.2	274	7	6.6	0.0	27.1	92
18/02/2024 06:40	5.6	275	6	7.6	0.0	27.1	91
18/02/2024 06:50	5.4	277	8	7.3	0.0	27.1	91
18/02/2024 07:00	5.4	277	8	6.5	0.0	27.2	90
18/02/2024 07:10	4.9	275	8	7.3	0.0	27.4	89
18/02/2024 07:20	5.4	270	7	7.6	0.0	27.6	88
18/02/2024 07:30	5.7	271	7	7.2	0.0	27.6	87
18/02/2024 07:40	6.1	265	7	8.1	0.0	27.9	86
18/02/2024 07:50	6.3	267	10	8.0	0.0	28.0	85
18/02/2024 08:00	6.0	276	8	7.7	0.0	28.3	83
18/02/2024 08:10	5.8	268	9	8.2	0.0	28.5	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/02/2024 08:20	6.4	270	8	8.0	0.0	28.8	81
18/02/2024 08:30	6.9	271	8	8.6	0.0	28.6	82
18/02/2024 08:40	7.2	281	7	8.7	0.0	28.8	81
18/02/2024 08:50	6.8	278	7	8.6	0.0	29.0	80
18/02/2024 09:00	7.2	277	6	9.0	0.0	28.9	80
18/02/2024 09:10	6.6	272	9	8.6	0.0	29.1	79
18/02/2024 09:20	7.0	259	9	8.6	0.0	29.0	80
18/02/2024 09:30	6.3	265	10	8.1	0.0	29.2	78
18/02/2024 09:40	7.0	280	8	9.0	0.0	29.5	76
18/02/2024 09:50	6.8	266	10	8.4	0.0	29.5	76
18/02/2024 10:00	6.7	271	10	8.6	0.0	29.7	75
18/02/2024 10:10	6.7	271	8	8.5	0.0	29.9	74
18/02/2024 10:20	6.8	282	7	8.3	0.0	30.0	74
18/02/2024 10:30	6.1	278	10	7.5	0.0	30.2	73
18/02/2024 10:40	6.0	274	10	7.6	0.0	30.1	73
18/02/2024 10:50	5.8	273	10	7.4	0.0	30.5	72
18/02/2024 11:00	6.2	270	12	7.9	0.0	30.7	71
18/02/2024 11:10	6.4	270	7	8.4	0.0	30.9	69
18/02/2024 11:20	5.7	265	7	7.4	0.0	31.3	65
18/02/2024 11:30	5.8	272	9	8.6	0.0	32.0	62
18/02/2024 11:40	5.6	271	11	7.6	0.0	32.5	59
18/02/2024 11:50	5.8	272	11	7.7	0.0	32.1	63
18/02/2024 12:00	5.8	271	10	7.5	0.0	32.3	62
18/02/2024 12:10	5.7	271	9	7.0	0.0	32.7	60
18/02/2024 12:20	5.0	285	12	7.0	0.0	33.0	63
18/02/2024 12:30	5.0	293	16	7.1	0.0	32.8	65
18/02/2024 12:40	5.0	309	13	6.5	0.0	32.8	66
18/02/2024 12:50	5.1	306	10	7.6	0.0	32.7	65
18/02/2024 13:00	5.2	299	15	7.4	0.0	32.9	64
18/02/2024 13:10	5.0	304	15	7.2	0.0	33.3	63
18/02/2024 13:20	5.8	289	11	8.1	0.0	33.2	62
18/02/2024 13:30	5.7	283	10	7.8	0.0	33.1	62
18/02/2024 13:40	5.1	290	13	7.7	0.0	34.0	59
18/02/2024 13:50	5.6	308	12	8.0	0.0	33.7	60
18/02/2024 14:00	5.6	299	14	8.3	0.0	33.7	60
18/02/2024 14:10	6.5	310	8	8.4	0.0	32.9	63
18/02/2024 14:20	6.2	306	9	8.4	0.0	32.8	64
18/02/2024 14:30	6.7	308	9	9.1	0.0	32.5	65
18/02/2024 14:40	7.0	308	8	9.1	0.0	32.0	67
18/02/2024 14:50	7.5	312	6	9.0	0.0	32.1	66
18/02/2024 15:00	8.0	312	6	9.9	0.0	32.0	66
18/02/2024 15:10	6.9	305	10	9.6	0.0	32.5	65
18/02/2024 15:20	7.4	288	9	9.6	0.0	32.8	64
18/02/2024 15:30	7.0	293	10	9.5	0.0	33.3	56
18/02/2024 15:40	8.2	287	7	10.7	0.0	33.3	56
18/02/2024 15:50	8.5	292	6	10.4	0.0	32.9	60
18/02/2024 16:00	7.8	291	6	9.7	0.0	33.1	59
18/02/2024 16:10	8.3	293	5	10.1	0.0	32.8	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/02/2024 16:20	8.0	292	6	10.1	0.0	32.9	58
18/02/2024 16:30	8.0	291	6	9.7	0.0	32.9	56
18/02/2024 16:40	7.9	293	7	10.1	0.0	32.6	58
18/02/2024 16:50	7.9	296	7	10.3	0.0	32.4	60
18/02/2024 17:00	7.9	286	9	10.8	0.0	32.3	64
18/02/2024 17:10	9.2	273	7	11.0	0.0	31.5	72
18/02/2024 17:20	9.6	277	5	11.0	0.0	31.2	72
18/02/2024 17:30	8.4	271	7	10.7	0.0	31.2	72
18/02/2024 17:40	9.2	268	4	11.0	0.0	30.5	74
18/02/2024 17:50	9.3	269	4	10.8	0.0	30.4	75
18/02/2024 18:00	9.2	271	5	11.5	0.0	30.1	77
18/02/2024 18:10	9.3	273	4	11.1	0.0	29.9	78
18/02/2024 18:20	8.5	270	6	11.3	0.0	29.7	78
18/02/2024 18:30	9.2	272	5	11.3	0.0	29.6	77
18/02/2024 18:40	8.6	274	5	11.0	0.0	29.4	76
18/02/2024 18:50	8.8	270	6	10.8	0.0	29.3	78
18/02/2024 19:00	8.8	272	5	10.9	0.0	29.0	80
18/02/2024 19:10	8.0	276	7	10.5	0.0	28.9	81
18/02/2024 19:20	9.7	278	5	12.7	0.0	28.7	84
18/02/2024 19:30	8.7	277	5	10.7	0.0	28.6	85
18/02/2024 19:40	9.0	276	6	11.3	0.0	28.6	85
18/02/2024 19:50	8.0	271	6	10.7	0.0	28.6	85
18/02/2024 20:00	8.4	271	5	10.7	0.0	28.6	86
18/02/2024 20:10	8.1	274	7	10.4	0.0	28.5	86
18/02/2024 20:20	7.6	272	5	10.2	0.0	28.5	87
18/02/2024 20:30	7.3	275	5	9.5	0.0	28.5	87
18/02/2024 20:40	7.2	281	6	9.1	0.0	28.4	87
18/02/2024 20:50	6.5	273	6	8.4	0.0	28.5	88
18/02/2024 21:00	6.8	274	6	8.8	0.0	28.4	88
18/02/2024 21:10	6.8	271	6	8.9	0.0	28.4	89
18/02/2024 21:20	6.4	267	6	8.7	0.0	28.4	89
18/02/2024 21:30	6.9	271	5	8.8	0.0	28.4	90
18/02/2024 21:40	7.0	266	7	9.0	0.0	28.4	90
18/02/2024 21:50	5.8	267	7	8.0	0.0	28.4	90
18/02/2024 22:00	6.5	264	6	8.6	0.0	28.4	90
18/02/2024 22:10	6.8	262	7	9.5	0.0	28.4	89
18/02/2024 22:20	7.5	262	7	9.9	0.0	28.6	86
18/02/2024 22:30	6.8	263	6	8.9	0.0	28.7	83
18/02/2024 22:40	6.5	258	7	8.4	0.0	28.8	84
18/02/2024 22:50	5.7	254	6	7.5	0.0	28.7	84
18/02/2024 23:00	5.8	262	6	8.0	0.0	28.5	84
18/02/2024 23:10	6.5	260	7	8.0	0.0	28.5	84
18/02/2024 23:20	6.3	255	8	8.6	0.0	28.5	83
18/02/2024 23:30	5.8	259	6	7.8	0.0	28.4	82
18/02/2024 23:40	6.0	257	6	7.7	0.0	28.4	82
18/02/2024 23:50	7.0	258	6	9.1	0.0	28.4	82
19/02/2024 00:00	6.7	259	6	8.6	0.0	28.4	83
19/02/2024 00:10	6.3	262	6	8.5	0.0	28.4	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/02/2024 00:20	6.6	262	6	8.4	0.0	28.3	84
19/02/2024 00:30	6.5	257	6	8.5	0.0	28.3	84
19/02/2024 00:40	6.7	259	5	8.7	0.0	28.2	84
19/02/2024 00:50	6.3	261	6	8.3	0.0	28.2	84
19/02/2024 01:00	6.4	261	6	8.4	0.0	28.2	84
19/02/2024 01:10	6.5	261	6	8.4	0.0	28.2	84
19/02/2024 01:20	6.0	267	7	8.2	0.0	28.2	83
19/02/2024 01:30	5.0	265	7	6.7	0.0	28.3	81
19/02/2024 01:40	5.6	256	6	7.1	0.0	28.4	79
19/02/2024 01:50	5.6	253	7	7.1	0.0	28.6	78
19/02/2024 02:00	5.3	262	7	6.7	0.0	28.6	78
19/02/2024 02:10	5.7	266	5	7.1	0.0	28.5	78
19/02/2024 02:20	5.5	265	6	6.9	0.0	28.5	78
19/02/2024 02:30	5.3	264	5	6.6	0.0	28.4	78
19/02/2024 02:40	6.0	266	6	7.6	0.0	28.4	77
19/02/2024 02:50	5.5	268	6	7.1	0.0	28.5	77
19/02/2024 03:00	5.1	266	6	6.5	0.0	28.5	77
19/02/2024 03:10	5.3	263	6	6.8	0.0	28.4	76
19/02/2024 03:20	5.8	260	6	7.6	0.0	28.5	76
19/02/2024 03:30	6.1	257	6	7.6	0.0	28.5	75
19/02/2024 03:40	6.6	258	5	8.2	0.0	28.5	75
19/02/2024 03:50	6.3	256	6	8.1	0.0	28.5	75
19/02/2024 04:00	6.1	259	5	7.4	0.0	28.5	75
19/02/2024 04:10	5.6	256	6	7.5	0.0	28.4	75
19/02/2024 04:20	5.7	258	5	7.2	0.0	28.4	76
19/02/2024 04:30	4.8	264	6	5.8	0.0	28.3	76
19/02/2024 04:40	3.8	267	7	4.9	0.0	28.2	77
19/02/2024 04:50	4.0	270	6	5.0	0.0	28.2	76
19/02/2024 05:00	4.2	270	5	5.3	0.0	28.1	76
19/02/2024 05:10	3.6	273	6	4.6	0.0	28.0	76
19/02/2024 05:20	4.2	271	5	5.1	0.0	28.0	76
19/02/2024 05:30	4.9	268	5	6.3	0.0	28.0	76
19/02/2024 05:40	5.1	273	5	6.2	0.0	28.0	77
19/02/2024 05:50	3.3	269	7	4.4	0.0	27.9	76
19/02/2024 06:00	2.9	266	9	3.9	0.0	27.9	76
19/02/2024 06:10	2.8	269	11	4.8	0.0	27.9	75
19/02/2024 06:20	3.7	278	7	5.2	0.0	28.2	73
19/02/2024 06:30	2.9	267	10	4.2	0.0	28.3	74
19/02/2024 06:40	2.1	263	10	3.0	0.0	28.3	74
19/02/2024 06:50	3.2	261	6	4.2	0.0	28.6	70
19/02/2024 07:00	4.2	266	7	5.7	0.0	29.3	66
19/02/2024 07:10	3.9	261	5	4.8	0.0	29.6	64
19/02/2024 07:20	3.8	269	7	4.8	0.0	30.1	62
19/02/2024 07:30	4.4	274	6	6.3	0.0	30.8	58
19/02/2024 07:40	5.2	274	5	6.5	0.0	31.3	57
19/02/2024 07:50	4.7	267	6	5.9	0.0	32.0	54
19/02/2024 08:00	4.7	257	9	6.7	0.0	33.2	48
19/02/2024 08:10	4.1	240	16	6.3	0.0	34.5	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/02/2024 08:20	5.1	230	12	7.4	0.0	35.1	41
19/02/2024 08:30	5.5	230	10	7.9	0.0	35.0	42
19/02/2024 08:40	5.3	232	11	7.6	0.0	34.9	42
19/02/2024 08:50	4.8	215	11	6.7	0.0	35.2	40
19/02/2024 09:00	4.7	211	12	6.9	0.0	36.4	36
19/02/2024 09:10	5.1	205	11	7.3	0.0	37.2	33
19/02/2024 09:20	3.8	207	13	5.3	0.0	37.9	32
19/02/2024 09:30	3.7	210	9	5.3	0.0	38.6	28
19/02/2024 09:40	2.6	195	17	4.1	0.0	39.8	23
19/02/2024 09:50	3.0	178	18	4.7	0.0	40.3	21
19/02/2024 10:00	2.5	156	24	4.5	0.0	41.2	18
19/02/2024 10:10	3.1	113	18	5.2	0.0	41.1	19
19/02/2024 10:20	2.5	120	18	4.0	0.0	41.5	16
19/02/2024 10:30	2.0	110	23	3.8	0.0	41.9	18
19/02/2024 10:40	1.6	122	31	3.4	0.0	42.2	16
19/02/2024 10:50	1.8	102	29	3.3	0.0	42.3	17
19/02/2024 11:00	1.8	31	27	3.4	0.0	42.1	21
19/02/2024 11:10	1.6	42	39	3.2	0.0	42.9	18
19/02/2024 11:20	4.0	54	20	5.9	0.0	42.6	22
19/02/2024 11:30	3.3	36	23	4.9	0.0	42.1	19
19/02/2024 11:40	2.7	54	21	5.0	0.0	43.1	17
19/02/2024 11:50	4.3	21	22	7.0	0.0	42.7	22
19/02/2024 12:00	6.1	353	14	7.9	0.0	40.3	37
19/02/2024 12:10	5.0	348	12	7.2	0.0	38.6	41
19/02/2024 12:20	6.2	346	11	8.8	0.0	38.0	42
19/02/2024 12:30	5.9	341	12	7.8	0.0	37.6	45
19/02/2024 12:40	6.6	331	9	8.7	0.0	36.0	52
19/02/2024 12:50	5.8	324	9	8.3	0.0	36.0	50
19/02/2024 13:00	6.2	333	10	7.9	0.0	35.7	53
19/02/2024 13:10	6.1	326	10	7.8	0.0	35.6	54
19/02/2024 13:20	6.3	324	7	8.1	0.0	35.4	52
19/02/2024 13:30	6.6	321	6	8.4	0.0	34.9	54
19/02/2024 13:40	5.7	319	10	8.4	0.0	35.6	52
19/02/2024 13:50	5.8	310	12	8.4	0.0	35.7	52
19/02/2024 14:00	5.4	303	15	7.6	0.0	35.5	51
19/02/2024 14:10	5.4	298	13	8.0	0.0	35.6	49
19/02/2024 14:20	5.9	298	10	7.5	0.0	35.1	51
19/02/2024 14:30	5.2	304	13	7.5	0.0	35.9	46
19/02/2024 14:40	5.2	295	16	7.7	0.0	36.7	45
19/02/2024 14:50	6.3	285	9	8.0	0.0	36.3	47
19/02/2024 15:00	6.5	308	11	8.4	0.0	36.2	48
19/02/2024 15:10	5.9	300	11	7.8	0.0	36.3	46
19/02/2024 15:20	6.8	277	7	8.8	0.0	36.7	43
19/02/2024 15:30	6.6	282	8	8.5	0.0	36.4	46
19/02/2024 15:40	6.4	278	9	8.7	0.0	35.9	54
19/02/2024 15:50	7.0	273	9	9.0	0.0	34.8	61
19/02/2024 16:00	6.7	268	7	8.6	0.0	34.2	64
19/02/2024 16:10	7.5	265	8	9.5	0.0	33.9	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/02/2024 16:20	7.8	271	5	9.7	0.0	33.3	68
19/02/2024 16:30	7.1	277	7	9.2	0.0	33.3	67
19/02/2024 16:40	7.3	274	8	9.2	0.0	33.5	66
19/02/2024 16:50	7.9	273	5	9.3	0.0	33.2	67
19/02/2024 17:00	7.4	271	7	9.4	0.0	33.3	67
19/02/2024 17:10	8.2	271	6	9.7	0.0	32.7	69
19/02/2024 17:20	9.0	270	5	10.9	0.0	32.1	71
19/02/2024 17:30	9.0	276	6	10.8	0.0	31.9	71
19/02/2024 17:40	8.4	272	6	11.1	0.0	31.5	73
19/02/2024 17:50	8.4	278	6	10.8	0.0	31.1	74
19/02/2024 18:00	8.6	281	7	10.7	0.0	30.8	75
19/02/2024 18:10	8.3	281	5	10.6	0.0	30.9	74
19/02/2024 18:20	8.3	279	5	10.2	0.0	30.9	74
19/02/2024 18:30	8.3	280	6	10.5	0.0	30.5	76
19/02/2024 18:40	7.1	274	6	9.2	0.0	30.3	77
19/02/2024 18:50	7.4	275	6	9.4	0.0	30.3	77
19/02/2024 19:00	7.9	275	6	9.6	0.0	30.0	78
19/02/2024 19:10	7.5	281	6	9.3	0.0	29.9	81
19/02/2024 19:20	7.1	280	5	9.4	0.0	29.8	82
19/02/2024 19:30	7.0	279	6	8.8	0.0	29.8	83
19/02/2024 19:40	6.7	277	6	8.2	0.0	29.7	84
19/02/2024 19:50	6.5	279	6	8.1	0.0	29.7	84
19/02/2024 20:00	6.7	279	5	8.4	0.0	29.7	85
19/02/2024 20:10	6.0	279	5	7.7	0.0	29.8	85
19/02/2024 20:20	6.0	280	5	7.2	0.0	29.8	86
19/02/2024 20:30	6.1	278	6	7.6	0.0	29.9	86
19/02/2024 20:40	6.1	278	5	8.3	0.0	30.1	83
19/02/2024 20:50	6.1	277	5	7.8	0.0	30.1	82
19/02/2024 21:00	6.0	279	5	7.8	0.0	30.0	81
19/02/2024 21:10	6.3	278	5	8.1	0.0	30.0	81
19/02/2024 21:20	5.3	280	7	6.8	0.0	30.0	81
19/02/2024 21:30	4.8	272	6	6.0	0.0	30.0	82
19/02/2024 21:40	4.3	275	6	5.7	0.0	30.1	82
19/02/2024 21:50	4.9	267	7	6.8	0.0	30.1	82
19/02/2024 22:00	5.1	268	5	6.3	0.0	30.1	82
19/02/2024 22:10	4.4	275	6	5.8	0.0	30.1	83
19/02/2024 22:20	4.5	279	6	5.8	0.0	30.1	84
19/02/2024 22:30	4.6	276	7	6.4	0.0	30.0	85
19/02/2024 22:40	4.9	276	5	6.5	0.0	30.0	86
19/02/2024 22:50	4.3	282	6	5.7	0.0	29.9	86
19/02/2024 23:00	4.0	279	6	5.2	0.0	29.9	86
19/02/2024 23:10	4.0	279	5	5.2	0.0	29.9	86
19/02/2024 23:20	4.8	275	5	5.8	0.0	29.9	86
19/02/2024 23:30	5.1	277	6	6.4	0.0	29.8	87
19/02/2024 23:40	4.9	276	4	6.2	0.0	29.7	88
19/02/2024 23:50	4.8	274	6	6.3	0.0	29.7	88
20/02/2024 00:00	4.4	278	6	5.5	0.0	29.6	88
20/02/2024 00:10	3.9	272	6	5.7	0.0	29.5	89



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/02/2024 00:20	4.6	274	5	5.8	0.0	29.5	89
20/02/2024 00:30	4.6	274	5	5.8	0.0	29.4	90
20/02/2024 00:40	4.3	276	6	5.4	0.0	29.3	90
20/02/2024 00:50	4.0	276	6	5.5	0.0	29.3	91
20/02/2024 01:00	3.7	273	6	4.7	0.0	29.2	91
20/02/2024 01:10	3.6	273	5	5.1	0.0	29.1	91
20/02/2024 01:20	4.5	274	5	5.9	0.0	29.0	92
20/02/2024 01:30	4.7	276	6	6.1	0.0	29.0	92
20/02/2024 01:40	4.8	276	6	6.1	0.0	28.9	92
20/02/2024 01:50	4.0	274	5	4.9	0.0	28.7	93
20/02/2024 02:00	4.0	280	6	5.1	0.0	28.6	94
20/02/2024 02:10	4.0	286	7	5.6	0.0	28.6	94
20/02/2024 02:20	3.7	275	5	4.8	0.0	28.5	94
20/02/2024 02:30	3.7	274	7	5.3	0.0	28.5	94
20/02/2024 02:40	4.6	274	6	6.2	0.0	28.4	94
20/02/2024 02:50	3.8	271	8	4.8	0.0	28.4	93
20/02/2024 03:00	2.9	277	8	3.8	0.0	28.4	94
20/02/2024 03:10	3.7	280	7	4.7	0.0	28.3	94
20/02/2024 03:20	3.1	275	6	3.8	0.0	28.3	94
20/02/2024 03:30	3.3	278	5	4.1	0.0	28.2	94
20/02/2024 03:40	2.6	276	7	3.6	0.0	28.1	94
20/02/2024 03:50	2.3	278	9	2.9	0.0	28.1	94
20/02/2024 04:00	2.8	282	6	3.3	0.0	28.0	94
20/02/2024 04:10	2.7	273	8	3.2	0.0	27.9	95
20/02/2024 04:20	2.7	283	8	3.7	0.0	27.9	95
20/02/2024 04:30	2.5	282	11	3.9	0.0	27.9	95
20/02/2024 04:40	2.7	290	9	3.8	0.0	27.9	95
20/02/2024 04:50	3.2	285	10	4.2	0.0	27.9	95
20/02/2024 05:00	3.7	289	9	4.8	0.0	27.7	95
20/02/2024 05:10	2.9	284	8	3.9	0.0	27.6	95
20/02/2024 05:20	3.3	292	10	4.4	0.0	27.6	95
20/02/2024 05:30	2.6	292	12	4.1	0.0	27.4	95
20/02/2024 05:40	3.5	290	10	4.8	0.0	27.3	96
20/02/2024 05:50	3.3	286	8	4.1	0.0	27.3	96
20/02/2024 06:00	3.3	284	10	4.6	0.0	27.2	96
20/02/2024 06:10	3.2	286	11	4.4	0.0	27.1	96
20/02/2024 06:20	4.0	281	9	5.7	0.0	27.1	96
20/02/2024 06:30	3.6	276	8	4.9	0.0	27.1	96
20/02/2024 06:40	3.8	268	8	5.3	0.0	27.1	96
20/02/2024 06:50	4.5	269	10	5.7	0.0	27.1	95
20/02/2024 07:00	4.4	277	8	5.4	0.0	27.2	95
20/02/2024 07:10	4.6	274	8	5.9	0.0	27.2	95
20/02/2024 07:20	4.6	273	8	5.9	0.0	27.5	95
20/02/2024 07:30	4.9	276	8	6.0	0.0	27.8	93
20/02/2024 07:40	4.9	276	7	6.2	0.0	28.1	91
20/02/2024 07:50	4.5	272	8	5.9	0.0	28.5	89
20/02/2024 08:00	4.2	269	8	5.5	0.0	28.9	87
20/02/2024 08:10	4.2	264	11	5.6	0.0	29.2	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/02/2024 08:20	4.2	256	9	6.0	0.0	29.4	84
20/02/2024 08:30	3.9	266	8	5.0	0.0	29.8	82
20/02/2024 08:40	3.9	271	13	5.3	0.0	30.0	81
20/02/2024 08:50	3.4	255	12	4.6	0.0	30.3	79
20/02/2024 09:00	2.6	168	39	4.6	0.0	31.0	77
20/02/2024 09:10	3.3	285	11	4.6	0.0	31.0	76
20/02/2024 09:20	3.3	276	8	4.8	0.0	31.6	74
20/02/2024 09:30	3.5	149	26	7.1	0.0	31.5	74
20/02/2024 09:40	4.8	329	16	7.9	0.0	31.0	76
20/02/2024 09:50	3.5	153	19	4.8	0.0	31.3	75
20/02/2024 10:00	4.3	153	26	7.4	0.0	31.6	73
20/02/2024 10:10	3.4	166	20	5.4	0.0	31.6	73
20/02/2024 10:20	3.1	324	37	5.3	0.0	32.0	71
20/02/2024 10:30	2.9	198	27	5.4	0.0	32.3	70
20/02/2024 10:40	3.1	12	26	5.1	0.0	32.5	69
20/02/2024 10:50	3.6	356	18	5.4	0.0	32.8	68
20/02/2024 11:00	4.1	325	23	6.3	0.0	32.4	69
20/02/2024 11:10	3.8	344	14	5.1	0.0	32.2	70
20/02/2024 11:20	3.8	336	18	5.9	0.0	31.9	71
20/02/2024 11:30	3.6	337	18	5.5	0.0	32.5	68
20/02/2024 11:40	3.5	334	17	5.3	0.0	32.4	68
20/02/2024 11:50	3.5	327	12	5.3	0.0	31.8	70
20/02/2024 12:00	3.4	327	13	5.2	0.0	31.9	69
20/02/2024 12:10	3.8	334	14	5.8	0.0	32.1	69
20/02/2024 12:20	4.3	324	16	5.9	0.0	32.2	68
20/02/2024 12:30	4.7	317	13	6.7	0.0	32.2	68
20/02/2024 12:40	5.6	320	12	7.7	0.0	32.3	68
20/02/2024 12:50	6.1	319	9	8.1	0.0	32.1	69
20/02/2024 13:00	6.5	322	8	8.5	0.0	31.9	70
20/02/2024 13:10	6.0	318	12	8.3	0.0	31.9	70
20/02/2024 13:20	5.5	316	10	7.8	0.0	31.9	70
20/02/2024 13:30	5.7	318	12	7.8	0.0	32.4	68
20/02/2024 13:40	6.0	321	14	8.2	0.0	32.4	67
20/02/2024 13:50	5.8	305	9	8.1	0.0	32.7	64
20/02/2024 14:00	5.7	307	12	8.1	0.0	33.1	62
20/02/2024 14:10	5.4	303	11	7.5	0.0	33.3	60
20/02/2024 14:20	5.3	307	10	7.5	0.0	33.1	61
20/02/2024 14:30	5.5	301	11	7.2	0.0	33.3	61
20/02/2024 14:40	5.3	310	14	7.0	0.0	33.0	61
20/02/2024 14:50	5.1	306	12	7.5	0.0	33.2	60
20/02/2024 15:00	5.9	305	9	7.5	0.0	32.8	61
20/02/2024 15:10	5.8	307	9	7.7	0.0	32.9	60
20/02/2024 15:20	5.3	295	14	7.4	0.0	33.7	55
20/02/2024 15:30	5.1	294	13	7.0	0.0	33.7	56
20/02/2024 15:40	4.6	302	13	6.7	0.0	33.8	58
20/02/2024 15:50	4.8	308	14	7.2	0.0	33.8	58
20/02/2024 16:00	4.9	313	12	7.3	0.0	33.4	60
20/02/2024 16:10	4.4	301	14	6.5	0.0	33.8	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/02/2024 16:20	5.0	320	14	7.0	0.0	33.5	59
20/02/2024 16:30	5.4	320	9	7.2	0.0	32.9	63
20/02/2024 16:40	5.3	309	9	7.4	0.0	32.9	63
20/02/2024 16:50	5.4	306	8	7.5	0.0	32.5	64
20/02/2024 17:00	5.7	298	10	7.6	0.0	32.6	65
20/02/2024 17:10	6.8	285	6	9.3	0.0	32.2	68
20/02/2024 17:20	6.8	290	8	8.2	0.0	31.7	72
20/02/2024 17:30	6.4	288	7	8.3	0.0	31.3	74
20/02/2024 17:40	6.4	290	7	8.0	0.0	31.2	75
20/02/2024 17:50	6.3	291	7	8.5	0.0	31.0	76
20/02/2024 18:00	6.2	290	7	7.7	0.0	30.9	76
20/02/2024 18:10	6.3	288	7	7.8	0.0	30.8	77
20/02/2024 18:20	6.5	292	7	8.0	0.0	30.5	78
20/02/2024 18:30	6.5	295	6	7.8	0.0	30.3	77
20/02/2024 18:40	6.4	297	6	8.0	0.0	30.2	78
20/02/2024 18:50	6.2	291	6	7.9	0.0	30.0	79
20/02/2024 19:00	6.4	290	7	7.8	0.0	29.8	80
20/02/2024 19:10	6.6	288	7	8.3	0.0	29.7	82
20/02/2024 19:20	6.5	289	6	7.9	0.0	29.5	83
20/02/2024 19:30	7.0	291	5	8.3	0.0	29.4	83
20/02/2024 19:40	7.1	291	4	8.8	0.0	29.3	83
20/02/2024 19:50	6.3	286	7	7.7	0.0	29.2	84
20/02/2024 20:00	6.0	284	7	7.7	0.0	29.1	84
20/02/2024 20:10	6.6	282	7	8.2	0.0	29.1	84
20/02/2024 20:20	6.1	283	7	7.9	0.0	29.0	85
20/02/2024 20:30	5.8	280	7	8.1	0.0	29.0	85
20/02/2024 20:40	5.6	281	7	7.1	0.0	29.0	85
20/02/2024 20:50	6.0	283	8	7.9	0.0	28.9	86
20/02/2024 21:00	6.4	279	6	7.9	0.0	28.7	87
20/02/2024 21:10	6.3	278	6	7.8	0.0	28.6	89
20/02/2024 21:20	6.0	277	6	7.4	0.0	28.5	90
20/02/2024 21:30	5.2	279	8	7.3	0.0	28.5	90
20/02/2024 21:40	5.1	273	7	6.8	0.0	28.5	90
20/02/2024 21:50	5.0	272	7	6.5	0.0	28.4	89
20/02/2024 22:00	3.7	276	6	4.5	0.0	28.4	89
20/02/2024 22:10	3.6	282	6	4.5	0.0	28.5	89
20/02/2024 22:20	4.3	273	4	5.2	0.0	28.6	89
20/02/2024 22:30	5.0	277	5	6.2	0.0	28.6	90
20/02/2024 22:40	4.8	277	6	5.8	0.0	28.5	90
20/02/2024 22:50	4.5	276	6	5.8	0.0	28.5	90
20/02/2024 23:00	3.7	288	7	4.7	0.0	28.4	90
20/02/2024 23:10	3.6	277	6	4.6	0.0	28.4	90
20/02/2024 23:20	3.2	287	7	4.0	0.0	28.4	90
20/02/2024 23:30	3.4	284	7	4.2	0.0	28.3	90
20/02/2024 23:40	4.0	276	5	5.2	0.0	28.3	90
20/02/2024 23:50	4.5	275	6	5.8	0.0	28.2	90
21/02/2024 00:00	5.2	277	5	6.9	0.0	28.2	90
21/02/2024 00:10	5.2	275	7	7.1	0.0	28.2	90



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/02/2024 00:20	6.2	277	6	7.8	0.0	28.1	89
21/02/2024 00:30	5.8	275	7	7.1	0.0	28.1	89
21/02/2024 00:40	5.5	277	7	7.3	0.0	28.0	89
21/02/2024 00:50	4.3	279	8	6.0	0.0	28.0	89
21/02/2024 01:00	5.2	273	7	6.6	0.0	28.0	89
21/02/2024 01:10	4.6	273	8	5.7	0.0	28.0	89
21/02/2024 01:20	4.7	271	7	6.2	0.0	28.0	89
21/02/2024 01:30	3.7	269	7	4.8	0.0	28.1	89
21/02/2024 01:40	3.4	262	6	4.6	0.0	28.1	89
21/02/2024 01:50	2.4	266	7	3.2	0.0	28.2	89
21/02/2024 02:00	3.7	269	5	4.4	0.0	28.2	88
21/02/2024 02:10	4.1	269	5	4.9	0.0	28.2	88
21/02/2024 02:20	3.4	277	6	4.3	0.0	28.2	88
21/02/2024 02:30	4.3	278	5	5.5	0.0	28.2	88
21/02/2024 02:40	3.9	283	6	5.0	0.0	28.2	88
21/02/2024 02:50	3.7	283	8	5.1	0.0	28.3	88
21/02/2024 03:00	3.3	295	8	4.4	0.0	28.3	88
21/02/2024 03:10	2.4	292	10	3.4	0.0	28.3	88
21/02/2024 03:20	3.0	283	9	4.2	0.0	28.3	88
21/02/2024 03:30	3.3	278	5	4.2	0.0	28.2	88
21/02/2024 03:40	3.4	286	5	4.3	0.0	28.1	88
21/02/2024 03:50	3.6	280	6	4.9	0.0	28.0	89
21/02/2024 04:00	3.4	286	7	4.5	0.0	27.9	89
21/02/2024 04:10	3.3	281	6	4.5	0.0	27.9	89
21/02/2024 04:20	3.3	282	9	4.4	0.0	27.8	89
21/02/2024 04:30	3.1	285	7	4.0	0.0	27.7	89
21/02/2024 04:40	3.5	279	6	4.4	0.0	27.7	89
21/02/2024 04:50	3.8	282	7	4.8	0.0	27.7	89
21/02/2024 05:00	3.7	280	7	5.1	0.0	27.6	89
21/02/2024 05:10	3.8	285	8	5.3	0.0	27.6	90
21/02/2024 05:20	4.0	282	7	5.6	0.0	27.5	90
21/02/2024 05:30	4.2	279	7	5.5	0.0	27.5	89
21/02/2024 05:40	3.9	282	9	5.3	0.0	27.4	89
21/02/2024 05:50	3.7	276	7	4.8	0.0	27.4	89
21/02/2024 06:00	3.8	276	7	5.1	0.0	27.4	90
21/02/2024 06:10	3.5	276	7	4.6	0.0	27.3	90
21/02/2024 06:20	3.5	278	6	4.4	0.0	27.2	90
21/02/2024 06:30	3.6	275	7	4.8	0.0	27.2	90
21/02/2024 06:40	3.5	272	7	4.7	0.0	27.3	89
21/02/2024 06:50	3.7	272	8	4.9	0.0	27.5	89
21/02/2024 07:00	3.3	270	8	4.4	0.0	27.7	89
21/02/2024 07:10	3.6	273	8	4.9	0.0	27.9	87
21/02/2024 07:20	4.0	274	13	5.0	0.0	28.1	86
21/02/2024 07:30	3.9	276	11	4.8	0.0	28.2	86
21/02/2024 07:40	4.0	281	10	5.2	0.0	28.4	85
21/02/2024 07:50	5.0	272	6	6.2	0.0	28.5	84
21/02/2024 08:00	5.1	268	8	6.7	0.0	28.7	84
21/02/2024 08:10	4.8	270	12	6.3	0.0	28.8	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/02/2024 08:20	6.0	271	12	7.4	0.0	29.0	82
21/02/2024 08:30	5.3	271	9	6.8	0.0	29.2	81
21/02/2024 08:40	5.5	282	7	7.5	0.0	29.4	80
21/02/2024 08:50	5.1	276	8	6.8	0.0	29.3	80
21/02/2024 09:00	4.7	273	11	6.1	0.0	29.5	79
21/02/2024 09:10	4.6	276	10	6.0	0.0	29.6	79
21/02/2024 09:20	4.1	275	11	6.0	0.0	29.9	77
21/02/2024 09:30	3.9	269	15	5.9	0.0	30.1	76
21/02/2024 09:40	4.3	274	13	5.8	0.0	30.3	74
21/02/2024 09:50	4.2	285	12	5.9	0.0	30.6	72
21/02/2024 10:00	3.3	290	11	4.8	0.0	30.5	73
21/02/2024 10:10	2.7	281	14	4.2	0.0	30.8	71
21/02/2024 10:20	2.1	289	22	3.8	0.0	31.4	69
21/02/2024 10:30	2.2	299	35	4.1	0.0	32.1	67
21/02/2024 10:40	2.5	282	22	4.5	0.0	32.0	68
21/02/2024 10:50	2.5	277	16	4.2	0.0	32.5	66
21/02/2024 11:00	2.4	265	19	3.9	0.0	32.5	66
21/02/2024 11:10	2.6	282	20	3.9	0.0	33.2	63
21/02/2024 11:20	3.0	286	20	4.7	0.0	33.4	63
21/02/2024 11:30	3.1	277	20	5.2	0.0	33.4	64
21/02/2024 11:40	3.6	316	16	4.8	0.0	33.3	65
21/02/2024 11:50	2.7	319	22	4.1	0.0	33.6	62
21/02/2024 12:00	2.4	322	13	3.5	0.0	34.1	60
21/02/2024 12:10	2.6	314	12	4.0	0.0	34.8	57
21/02/2024 12:20	3.0	324	16	4.8	0.0	35.0	56
21/02/2024 12:30	4.0	319	12	5.4	0.0	34.7	56
21/02/2024 12:40	4.3	318	9	5.7	0.0	34.8	56
21/02/2024 12:50	3.7	318	9	4.9	0.0	34.7	56
21/02/2024 13:00	4.1	323	9	5.5	0.0	34.9	56
21/02/2024 13:10	3.7	325	10	4.9	0.0	34.8	55
21/02/2024 13:20	3.8	326	12	5.1	0.0	34.9	56
21/02/2024 13:30	4.3	329	11	6.0	0.0	34.5	58
21/02/2024 13:40	4.2	337	11	5.7	0.0	35.2	57
21/02/2024 13:50	4.6	338	11	6.8	0.0	34.5	60
21/02/2024 14:00	4.5	325	9	5.9	0.0	34.1	61
21/02/2024 14:10	4.4	341	11	6.4	0.0	34.0	61
21/02/2024 14:20	4.8	330	10	6.5	0.0	34.5	59
21/02/2024 14:30	4.5	320	11	6.7	0.0	34.5	56
21/02/2024 14:40	4.0	331	17	5.9	0.0	34.7	55
21/02/2024 14:50	4.7	315	13	6.7	0.0	34.7	55
21/02/2024 15:00	5.5	313	8	7.2	0.0	33.7	57
21/02/2024 15:10	5.6	315	8	7.8	0.0	33.7	58
21/02/2024 15:20	6.7	319	5	8.2	0.0	33.6	58
21/02/2024 15:30	6.6	322	8	9.3	0.0	33.5	61
21/02/2024 15:40	7.3	323	7	9.2	0.0	33.3	60
21/02/2024 15:50	6.6	319	8	8.4	0.0	32.9	66
21/02/2024 16:00	6.9	318	8	8.6	0.0	32.4	69
21/02/2024 16:10	5.6	310	12	8.3	0.0	32.2	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/02/2024 16:20	5.8	321	13	8.7	0.0	32.0	72
21/02/2024 16:30	6.9	326	8	9.4	0.0	31.4	74
21/02/2024 16:40	5.7	329	14	8.3	0.0	31.6	73
21/02/2024 16:50	6.0	318	10	8.6	0.0	31.5	72
21/02/2024 17:00	7.3	330	9	10.0	0.0	31.0	74
21/02/2024 17:10	8.3	328	8	11.3	0.0	30.7	76
21/02/2024 17:20	6.9	319	12	9.9	0.0	30.8	77
21/02/2024 17:30	6.8	315	11	9.4	0.0	30.5	79
21/02/2024 17:40	6.9	322	10	9.9	0.0	30.6	79
21/02/2024 17:50	7.0	314	9	9.8	0.0	30.4	80
21/02/2024 18:00	5.8	312	13	8.7	0.0	30.3	79
21/02/2024 18:10	5.4	305	12	7.7	0.0	30.2	79
21/02/2024 18:20	5.9	296	11	8.6	0.0	30.1	79
21/02/2024 18:30	5.8	301	12	9.1	0.0	30.0	80
21/02/2024 18:40	4.9	301	11	7.1	0.0	30.0	82
21/02/2024 18:50	4.3	302	10	6.0	0.0	29.8	81
21/02/2024 19:00	4.7	288	11	6.3	0.0	29.8	81
21/02/2024 19:10	5.1	283	7	6.5	0.0	29.7	82
21/02/2024 19:20	5.1	278	7	6.5	0.0	29.6	81
21/02/2024 19:30	5.0	274	7	6.2	0.0	29.7	81
21/02/2024 19:40	5.6	274	6	7.0	0.0	29.7	79
21/02/2024 19:50	5.8	267	6	7.8	0.0	29.7	80
21/02/2024 20:00	5.5	270	7	7.3	0.0	29.7	79
21/02/2024 20:10	5.0	268	6	6.5	0.0	29.8	80
21/02/2024 20:20	5.1	268	6	6.5	0.0	29.8	78
21/02/2024 20:30	5.7	269	5	7.1	0.0	29.9	75
21/02/2024 20:40	4.6	270	7	5.8	0.0	30.1	73
21/02/2024 20:50	3.4	258	6	4.1	0.0	30.1	73
21/02/2024 21:00	3.8	269	5	4.9	0.0	30.1	73
21/02/2024 21:10	3.3	269	7	4.2	0.0	30.2	73
21/02/2024 21:20	3.3	274	6	4.4	0.0	30.2	74
21/02/2024 21:30	2.8	282	7	3.6	0.0	30.1	77
21/02/2024 21:40	2.7	287	6	3.4	0.0	29.9	77
21/02/2024 21:50	3.3	285	6	4.2	0.0	29.9	78
21/02/2024 22:00	3.5	275	5	4.5	0.0	29.9	79
21/02/2024 22:10	3.9	273	6	5.3	0.0	29.9	80
21/02/2024 22:20	3.7	276	5	4.7	0.0	29.7	81
21/02/2024 22:30	3.3	274	5	4.1	0.0	29.7	80
21/02/2024 22:40	2.5	283	8	3.4	0.0	29.8	79
21/02/2024 22:50	2.5	273	8	3.5	0.0	29.9	80
21/02/2024 23:00	3.6	269	5	4.4	0.0	29.9	81
21/02/2024 23:10	4.2	271	4	5.3	0.0	29.8	83
21/02/2024 23:20	3.5	274	7	4.6	0.0	29.7	83
21/02/2024 23:30	4.0	279	7	5.1	0.0	29.7	83
21/02/2024 23:40	3.8	270	6	4.9	0.0	29.7	84
21/02/2024 23:50	4.1	278	6	5.3	0.0	29.7	85
22/02/2024 00:00	4.5	272	4	5.7	0.0	29.6	84
22/02/2024 00:10	5.4	272	5	6.6	0.0	29.7	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/02/2024 00:20	5.4	272	5	7.0	0.0	29.7	84
22/02/2024 00:30	5.7	270	4	7.0	0.0	29.6	85
22/02/2024 00:40	5.3	264	6	7.1	0.0	29.5	84
22/02/2024 00:50	5.9	262	6	7.6	0.0	29.6	81
22/02/2024 01:00	5.7	263	5	7.5	0.0	29.7	79
22/02/2024 01:10	6.0	266	5	7.4	0.0	29.8	79
22/02/2024 01:20	5.0	265	6	7.0	0.0	29.8	80
22/02/2024 01:30	4.8	262	5	6.3	0.0	29.7	79
22/02/2024 01:40	5.0	267	5	6.4	0.0	29.8	77
22/02/2024 01:50	3.1	272	6	4.2	0.0	29.8	77
22/02/2024 02:00	3.1	272	6	3.9	0.0	29.9	77
22/02/2024 02:10	2.2	258	8	3.0	0.0	29.9	78
22/02/2024 02:20	2.5	263	4	3.2	0.0	29.9	79
22/02/2024 02:30	1.4	276	10	2.0	0.0	29.8	79
22/02/2024 02:40	1.0	277	11	1.8	0.0	29.7	80
22/02/2024 02:50	1.9	282	5	2.4	0.0	29.8	80
22/02/2024 03:00	1.9	280	7	2.5	0.0	29.8	80
22/02/2024 03:10	2.4	287	6	3.3	0.0	29.9	80
22/02/2024 03:20	1.2	293	10	1.9	0.0	30.0	79
22/02/2024 03:30	0.9	286	13	1.3	0.0	30.0	79
22/02/2024 03:40	0.8	162	18	1.1	0.0	29.9	79
22/02/2024 03:50	0.7	282	10	1.0	0.0	29.8	79
22/02/2024 04:00	0.8	35	44	1.3	0.0	29.9	78
22/02/2024 04:10	1.0	25	49	1.8	0.0	29.7	78
22/02/2024 04:20	1.8	54	11	2.5	0.0	29.6	79
22/02/2024 04:30	1.9	64	13	2.6	0.0	29.8	78
22/02/2024 04:40	1.4	51	14	2.0	0.0	29.8	78
22/02/2024 04:50	1.3	56	19	2.0	0.0	30.0	77
22/02/2024 05:00	2.4	48	4	2.8	0.0	29.9	77
22/02/2024 05:10	1.4	64	15	2.1	0.0	29.6	78
22/02/2024 05:20	1.2	266	49	2.2	0.0	29.7	78
22/02/2024 05:30	2.1	272	4	2.6	0.0	29.7	77
22/02/2024 05:40	2.2	269	3	3.0	0.0	29.6	79
22/02/2024 05:50	1.5	297	13	2.1	0.0	29.6	80
22/02/2024 06:00	1.1	338	35	1.5	0.0	29.7	79
22/02/2024 06:10	1.0	37	17	1.4	0.0	29.2	78
22/02/2024 06:20	0.3	272	57	0.6	0.0	29.5	76
22/02/2024 06:30	0.5	112	46	1.1	0.0	29.8	75
22/02/2024 06:40	0.3	64	37	0.7	0.0	29.7	75
22/02/2024 06:50	0.6	84	17	1.2	0.0	30.0	73
22/02/2024 07:00	0.6	100	18	1.1	0.0	30.7	73
22/02/2024 07:10	1.2	79	7	1.6	0.0	31.1	73
22/02/2024 07:20	1.6	75	7	2.1	0.0	31.4	73
22/02/2024 07:30	1.8	84	12	2.4	0.0	32.2	66
22/02/2024 07:40	2.3	85	7	3.1	0.0	32.8	63
22/02/2024 07:50	2.7	86	10	4.1	0.0	33.6	56
22/02/2024 08:00	4.0	81	7	5.4	0.0	34.1	50
22/02/2024 08:10	4.2	76	7	5.4	0.0	33.8	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/02/2024 08:20	4.0	81	9	5.2	0.0	33.4	56
22/02/2024 08:30	3.9	83	10	5.2	0.0	33.9	55
22/02/2024 08:40	4.0	92	10	6.2	0.0	34.3	53
22/02/2024 08:50	4.8	81	7	6.1	0.0	34.9	50
22/02/2024 09:00	4.8	79	8	6.4	0.0	35.1	48
22/02/2024 09:10	5.6	83	8	7.1	0.0	35.6	44
22/02/2024 09:20	5.7	80	8	7.9	0.0	35.9	44
22/02/2024 09:30	4.6	72	10	6.1	0.0	35.1	51
22/02/2024 09:40	5.6	66	8	8.2	0.0	35.2	52
22/02/2024 09:50	6.2	63	9	8.3	0.0	36.2	45
22/02/2024 10:00	6.0	70	10	8.2	0.0	36.4	45
22/02/2024 10:10	7.1	80	9	10.1	0.0	36.3	44
22/02/2024 10:20	7.6	83	8	10.1	0.0	35.9	45
22/02/2024 10:30	7.5	82	8	9.4	0.0	35.6	46
22/02/2024 10:40	7.9	86	6	10.3	0.0	35.3	50
22/02/2024 10:50	7.4	79	9	10.0	0.0	35.8	46
22/02/2024 11:00	7.7	74	8	10.2	0.0	36.2	42
22/02/2024 11:10	8.3	76	6	10.8	0.0	35.8	42
22/02/2024 11:20	8.2	77	6	10.1	0.0	35.9	43
22/02/2024 11:30	8.6	71	6	11.4	0.0	35.9	45
22/02/2024 11:40	8.7	74	6	10.7	0.0	35.7	45
22/02/2024 11:50	7.8	69	7	11.0	0.0	35.5	47
22/02/2024 12:00	7.9	67	7	10.7	0.0	35.7	46
22/02/2024 12:10	7.7	66	8	10.3	0.0	36.2	45
22/02/2024 12:20	7.1	68	8	10.6	0.0	36.7	45
22/02/2024 12:30	7.7	64	8	10.0	0.0	36.3	47
22/02/2024 12:40	7.7	62	8	10.0	0.0	36.0	49
22/02/2024 12:50	7.4	62	9	10.4	0.0	34.9	53
22/02/2024 13:00	7.9	59	7	10.5	0.0	35.4	51
22/02/2024 13:10	8.2	63	9	11.4	0.0	35.6	50
22/02/2024 13:20	7.1	61	8	10.2	0.0	35.4	51
22/02/2024 13:30	8.3	58	8	11.1	0.0	36.2	47
22/02/2024 13:40	8.2	58	7	10.8	0.0	36.7	46
22/02/2024 13:50	7.5	63	8	10.0	0.0	36.9	45
22/02/2024 14:00	6.7	63	9	8.8	0.0	37.3	43
22/02/2024 14:10	7.4	56	6	9.1	0.0	37.0	42
22/02/2024 14:20	6.1	62	8	8.5	0.0	38.5	40
22/02/2024 14:30	6.1	61	7	7.6	0.0	38.1	41
22/02/2024 14:40	6.6	63	7	8.9	0.0	37.8	43
22/02/2024 14:50	6.6	55	12	8.6	0.0	38.2	40
22/02/2024 15:00	5.9	50	12	7.9	0.0	39.5	34
22/02/2024 15:10	5.8	64	10	8.2	0.0	39.9	34
22/02/2024 15:20	5.5	53	12	7.9	0.0	39.9	34
22/02/2024 15:30	6.3	62	9	9.0	0.0	38.5	40
22/02/2024 15:40	7.0	51	11	9.7	0.0	38.3	40
22/02/2024 15:50	7.9	50	10	10.6	0.0	37.7	42
22/02/2024 16:00	7.0	48	10	10.3	0.0	37.7	42
22/02/2024 16:10	7.5	46	10	10.5	0.0	37.3	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/02/2024 16:20	8.2	56	9	11.5	0.0	36.9	45
22/02/2024 16:30	9.5	61	8	13.4	0.0	36.3	46
22/02/2024 16:40	12.2	58	7	15.4	0.0	35.4	48
22/02/2024 16:50	11.0	59	7	14.8	0.0	35.3	48
22/02/2024 17:00	11.2	59	8	16.0	0.0	35.2	48
22/02/2024 17:10	10.1	58	7	13.9	0.0	35.0	49
22/02/2024 17:20	10.2	55	8	15.0	0.0	34.4	51
22/02/2024 17:30	9.7	59	8	14.0	0.0	33.7	55
22/02/2024 17:40	11.1	61	7	15.4	0.0	32.8	61
22/02/2024 17:50	11.1	59	7	15.0	0.0	32.0	67
22/02/2024 18:00	10.8	62	6	14.8	0.0	31.5	70
22/02/2024 18:10	10.6	59	7	14.3	0.0	31.1	74
22/02/2024 18:20	9.8	61	7	13.8	0.0	30.8	76
22/02/2024 18:30	8.6	60	8	11.8	0.0	30.6	77
22/02/2024 18:40	7.8	62	9	11.3	0.0	30.5	78
22/02/2024 18:50	7.9	62	7	11.7	0.0	30.3	79
22/02/2024 19:00	8.6	61	7	11.8	0.0	30.2	80
22/02/2024 19:10	8.8	59	7	12.1	0.0	30.2	79
22/02/2024 19:20	8.5	63	7	11.0	0.0	30.2	79
22/02/2024 19:30	7.6	67	6	10.8	0.0	30.3	79
22/02/2024 19:40	8.0	68	7	11.1	0.0	30.2	79
22/02/2024 19:50	7.4	69	7	10.2	0.0	30.4	78
22/02/2024 20:00	6.7	66	7	9.7	0.0	30.4	78
22/02/2024 20:10	6.7	67	7	8.8	0.0	30.2	80
22/02/2024 20:20	6.2	68	7	8.5	0.0	30.0	81
22/02/2024 20:30	4.9	74	10	7.1	0.0	29.9	82
22/02/2024 20:40	5.7	84	7	8.2	0.0	29.9	82
22/02/2024 20:50	5.0	81	7	7.1	0.0	30.0	81
22/02/2024 21:00	5.1	76	8	6.9	0.0	30.2	80
22/02/2024 21:10	6.3	71	8	8.7	0.0	30.2	79
22/02/2024 21:20	7.3	71	8	10.4	0.0	30.3	78
22/02/2024 21:30	6.9	75	9	9.5	0.0	30.0	80
22/02/2024 21:40	6.3	70	8	8.6	0.0	29.9	80
22/02/2024 21:50	6.7	72	8	9.0	0.0	29.9	81
22/02/2024 22:00	5.9	78	8	8.4	0.0	29.8	83
22/02/2024 22:10	5.8	74	9	8.2	0.0	29.4	86
22/02/2024 22:20	5.4	78	8	7.5	0.0	29.3	88
22/02/2024 22:30	4.6	81	9	6.4	0.0	29.2	88
22/02/2024 22:40	3.5	77	8	5.1	0.0	29.2	87
22/02/2024 22:50	4.0	83	7	5.2	0.0	29.3	87
22/02/2024 23:00	4.3	87	7	6.2	0.0	29.4	87
22/02/2024 23:10	4.1	84	6	5.7	0.0	29.4	87
22/02/2024 23:20	4.3	84	7	6.1	0.0	29.4	87
22/02/2024 23:30	4.9	83	8	6.9	0.1	29.2	88
22/02/2024 23:40	4.3	87	7	5.9	0.0	29.2	88
22/02/2024 23:50	3.7	94	10	5.7	0.0	29.3	88
23/02/2024 00:00	4.4	92	8	6.1	0.0	29.3	88
23/02/2024 00:10	4.9	85	5	6.5	0.0	29.3	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/02/2024 00:20	4.9	88	8	6.5	0.0	29.4	88
23/02/2024 00:30	5.5	88	6	7.3	0.0	29.5	87
23/02/2024 00:40	6.4	88	6	9.3	0.0	29.5	86
23/02/2024 00:50	5.6	88	8	8.8	0.0	29.5	86
23/02/2024 01:00	6.0	82	7	9.0	0.0	29.4	84
23/02/2024 01:10	6.3	84	7	8.5	0.0	29.3	85
23/02/2024 01:20	5.0	83	7	7.1	0.0	29.2	86
23/02/2024 01:30	4.8	89	6	7.1	0.0	29.1	86
23/02/2024 01:40	5.4	82	6	7.4	0.0	28.9	85
23/02/2024 01:50	6.5	86	6	8.7	0.0	29.0	84
23/02/2024 02:00	6.3	83	7	9.2	0.0	29.1	84
23/02/2024 02:10	5.7	87	8	7.6	0.0	29.2	84
23/02/2024 02:20	7.0	89	7	10.0	0.0	29.1	84
23/02/2024 02:30	5.9	86	7	9.3	0.0	29.1	84
23/02/2024 02:40	6.4	82	8	9.1	0.0	29.2	85
23/02/2024 02:50	6.5	85	8	9.1	0.0	29.2	84
23/02/2024 03:00	6.1	91	9	9.0	0.0	29.3	83
23/02/2024 03:10	6.6	88	9	9.2	0.0	29.3	84
23/02/2024 03:20	6.5	80	8	8.9	0.1	29.0	86
23/02/2024 03:30	7.5	75	8	10.1	0.0	29.0	86
23/02/2024 03:40	6.2	74	7	8.9	0.0	29.0	87
23/02/2024 03:50	5.9	81	7	7.9	0.0	28.8	88
23/02/2024 04:00	7.3	77	7	9.4	0.0	28.8	87
23/02/2024 04:10	8.6	78	6	11.1	0.0	28.9	86
23/02/2024 04:20	8.2	79	8	10.8	0.0	29.0	85
23/02/2024 04:30	8.2	78	7	11.1	0.0	29.0	85
23/02/2024 04:40	7.5	81	8	10.6	0.0	29.1	85
23/02/2024 04:50	8.2	84	7	11.3	0.0	29.1	84
23/02/2024 05:00	8.1	84	8	10.5	0.0	29.1	84
23/02/2024 05:10	8.2	78	7	11.9	0.0	29.1	84
23/02/2024 05:20	8.3	79	7	11.1	0.0	29.1	84
23/02/2024 05:30	8.5	80	6	11.8	0.0	29.1	85
23/02/2024 05:40	7.9	80	8	11.4	0.0	29.1	85
23/02/2024 05:50	7.8	80	8	10.8	0.0	29.1	85
23/02/2024 06:00	8.1	79	7	11.5	0.0	29.1	85
23/02/2024 06:10	6.8	81	8	9.6	0.0	29.1	85
23/02/2024 06:20	7.8	85	7	11.3	0.0	29.2	85
23/02/2024 06:30	8.1	84	7	11.4	0.0	29.2	85
23/02/2024 06:40	7.4	81	8	11.1	0.0	29.2	84
23/02/2024 06:50	7.4	84	7	10.7	0.0	29.2	84
23/02/2024 07:00	7.7	79	8	10.4	0.0	29.2	83
23/02/2024 07:10	8.3	77	7	11.0	0.0	29.2	83
23/02/2024 07:20	8.6	79	8	11.4	0.0	29.3	83
23/02/2024 07:30	8.1	80	8	11.2	0.0	29.3	84
23/02/2024 07:40	8.7	78	8	11.6	0.0	29.3	84
23/02/2024 07:50	7.6	79	6	10.5	0.0	29.2	84
23/02/2024 08:00	8.0	82	7	11.0	0.0	29.3	84
23/02/2024 08:10	8.4	79	7	11.2	0.0	29.2	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/02/2024 08:20	7.9	81	7	10.3	0.0	29.2	84
23/02/2024 08:30	7.8	78	6	10.4	0.0	29.1	85
23/02/2024 08:40	8.3	80	8	10.7	0.0	29.2	85
23/02/2024 08:50	7.3	80	7	10.3	0.0	29.4	84
23/02/2024 09:00	7.0	81	8	9.6	0.0	29.5	83
23/02/2024 09:10	7.1	80	8	9.6	0.0	29.7	80
23/02/2024 09:20	7.4	82	6	10.2	0.0	30.0	79
23/02/2024 09:30	8.5	79	6	11.3	0.0	29.9	81
23/02/2024 09:40	8.0	78	8	10.7	0.0	29.8	81
23/02/2024 09:50	7.8	79	8	10.8	0.0	30.0	81
23/02/2024 10:00	7.3	79	9	10.3	0.0	30.0	81
23/02/2024 10:10	7.8	78	7	10.3	0.0	29.9	81
23/02/2024 10:20	8.1	78	8	10.8	0.0	29.9	81
23/02/2024 10:30	7.3	81	9	10.2	0.0	30.1	81
23/02/2024 10:40	6.5	85	8	9.4	0.0	30.2	80
23/02/2024 10:50	7.1	83	9	10.2	0.0	30.1	80
23/02/2024 11:00	7.9	79	9	11.7	0.0	30.1	80
23/02/2024 11:10	8.8	79	7	11.5	0.0	30.3	79
23/02/2024 11:20	8.1	81	8	10.7	0.0	30.5	79
23/02/2024 11:30	8.1	78	8	10.7	0.0	30.5	79
23/02/2024 11:40	8.7	78	8	11.6	0.0	30.8	77
23/02/2024 11:50	8.9	75	7	11.9	0.0	30.8	77
23/02/2024 12:00	9.1	79	7	12.6	0.0	30.9	77
23/02/2024 12:10	8.4	82	8	11.5	0.0	31.3	75
23/02/2024 12:20	8.5	68	8	12.3	0.0	31.6	73
23/02/2024 12:30	8.6	64	8	11.1	0.0	31.2	74
23/02/2024 12:40	8.4	69	8	11.1	0.0	30.7	76
23/02/2024 12:50	8.7	66	8	11.4	0.0	30.8	76
23/02/2024 13:00	8.5	73	9	11.5	0.0	30.9	75
23/02/2024 13:10	8.3	69	7	11.2	0.0	31.0	75
23/02/2024 13:20	8.0	72	8	10.3	0.0	31.0	75
23/02/2024 13:30	8.3	67	9	11.5	0.0	30.8	76
23/02/2024 13:40	8.7	70	7	11.5	0.0	31.1	74
23/02/2024 13:50	8.8	73	7	11.6	0.0	30.6	76
23/02/2024 14:00	8.5	72	7	10.8	0.0	30.7	76
23/02/2024 14:10	8.7	70	8	11.2	0.0	31.1	74
23/02/2024 14:20	9.0	70	9	12.5	0.0	31.4	72
23/02/2024 14:30	8.9	72	9	11.7	0.0	31.4	72
23/02/2024 14:40	8.4	66	7	11.0	0.0	31.4	72
23/02/2024 14:50	8.2	68	9	11.0	0.0	31.2	73
23/02/2024 15:00	7.1	75	12	10.7	0.0	31.9	72
23/02/2024 15:10	7.4	71	10	10.7	0.0	32.2	70
23/02/2024 15:20	8.0	83	9	11.1	0.0	32.1	71
23/02/2024 15:30	8.1	85	7	10.4	0.0	31.3	74
23/02/2024 15:40	7.8	81	8	9.9	0.0	30.8	77
23/02/2024 15:50	8.6	80	7	11.3	0.0	30.5	78
23/02/2024 16:00	8.4	80	9	11.1	0.0	30.8	78
23/02/2024 16:10	7.8	78	8	10.8	0.0	31.3	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/02/2024 16:20	7.7	71	9	10.7	0.0	31.1	76
23/02/2024 16:30	7.8	80	8	10.6	0.0	31.2	76
23/02/2024 16:40	7.8	71	10	10.2	0.0	30.7	78
23/02/2024 16:50	7.6	77	8	10.6	0.0	30.4	79
23/02/2024 17:00	7.3	71	9	9.4	0.0	30.3	80
23/02/2024 17:10	7.3	72	10	9.8	0.0	30.2	81
23/02/2024 17:20	7.6	70	7	9.8	0.0	30.1	81
23/02/2024 17:30	7.1	72	9	9.8	0.0	30.1	81
23/02/2024 17:40	7.4	70	8	10.5	0.0	30.1	81
23/02/2024 17:50	7.5	66	7	10.4	0.0	29.9	82
23/02/2024 18:00	7.3	67	9	9.6	0.0	29.9	83
23/02/2024 18:10	7.3	68	8	10.4	0.0	29.7	83
23/02/2024 18:20	7.2	74	8	9.4	0.0	29.7	83
23/02/2024 18:30	6.9	73	8	9.8	0.0	29.7	83
23/02/2024 18:40	7.0	78	9	10.3	0.0	29.6	84
23/02/2024 18:50	7.0	74	8	9.6	0.0	29.6	84
23/02/2024 19:00	7.8	71	8	10.9	0.0	29.4	85
23/02/2024 19:10	7.9	75	8	10.7	0.0	29.4	84
23/02/2024 19:20	7.2	73	8	10.1	0.0	29.4	84
23/02/2024 19:30	7.0	71	8	10.6	0.0	29.4	84
23/02/2024 19:40	7.5	66	7	10.6	0.0	29.3	85
23/02/2024 19:50	6.9	68	8	9.6	0.0	29.3	85
23/02/2024 20:00	7.5	69	8	10.3	0.0	29.2	85
23/02/2024 20:10	7.4	68	6	10.5	0.0	29.2	85
23/02/2024 20:20	7.2	67	8	10.6	0.0	29.2	84
23/02/2024 20:30	7.1	65	8	9.8	0.0	29.2	85
23/02/2024 20:40	7.5	69	8	10.1	0.0	29.2	86
23/02/2024 20:50	8.1	68	6	10.5	0.0	29.1	86
23/02/2024 21:00	7.4	66	8	10.6	0.0	29.1	86
23/02/2024 21:10	7.3	65	8	10.7	0.0	29.1	86
23/02/2024 21:20	6.1	64	8	8.6	0.0	29.1	87
23/02/2024 21:30	6.2	64	7	9.6	0.0	29.1	86
23/02/2024 21:40	6.5	66	8	9.8	0.0	29.1	87
23/02/2024 21:50	7.5	65	7	10.5	0.0	29.0	87
23/02/2024 22:00	6.7	66	8	9.9	0.0	29.0	87
23/02/2024 22:10	7.2	66	7	10.1	0.0	29.0	87
23/02/2024 22:20	6.4	65	8	9.1	0.0	29.0	87
23/02/2024 22:30	6.1	65	8	8.5	0.0	29.0	87
23/02/2024 22:40	6.4	62	7	8.6	0.0	28.9	88
23/02/2024 22:50	6.2	59	7	8.4	0.0	28.9	88
23/02/2024 23:00	6.5	62	7	8.9	0.0	28.8	88
23/02/2024 23:10	5.8	61	8	8.1	0.0	28.8	88
23/02/2024 23:20	5.8	63	8	7.8	0.0	28.8	88
23/02/2024 23:30	6.4	69	7	8.5	0.0	28.8	88
23/02/2024 23:40	5.8	69	9	8.5	0.0	28.8	87
23/02/2024 23:50	6.4	66	7	9.2	0.0	28.8	87
24/02/2024 00:00	6.6	67	7	9.0	0.0	28.8	87
24/02/2024 00:10	5.8	64	8	8.2	0.0	28.8	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/02/2024 00:20	5.8	65	7	8.2	0.0	28.8	87
24/02/2024 00:30	6.3	64	8	9.2	0.0	28.7	87
24/02/2024 00:40	5.7	67	8	8.8	0.0	28.7	88
24/02/2024 00:50	6.6	68	8	9.2	0.0	28.7	88
24/02/2024 01:00	6.1	67	8	8.2	0.0	28.7	88
24/02/2024 01:10	6.4	65	8	8.5	0.0	28.7	88
24/02/2024 01:20	6.4	64	9	9.2	0.0	28.7	88
24/02/2024 01:30	6.7	68	6	8.4	0.0	28.7	88
24/02/2024 01:40	6.5	66	8	8.8	0.0	28.7	88
24/02/2024 01:50	6.2	60	7	8.7	0.0	28.7	88
24/02/2024 02:00	6.5	58	8	8.5	0.0	28.7	88
24/02/2024 02:10	5.4	59	8	7.9	0.0	28.7	88
24/02/2024 02:20	5.8	60	8	7.9	0.0	28.8	88
24/02/2024 02:30	6.2	60	7	7.8	0.0	28.7	87
24/02/2024 02:40	6.5	62	8	9.0	0.0	28.7	87
24/02/2024 02:50	6.6	62	7	9.3	0.0	28.7	88
24/02/2024 03:00	6.2	63	8	8.7	0.0	28.6	87
24/02/2024 03:10	6.3	62	7	9.0	0.0	28.6	87
24/02/2024 03:20	5.7	61	7	8.8	0.0	28.6	88
24/02/2024 03:30	6.2	58	7	9.1	0.0	28.6	88
24/02/2024 03:40	6.1	58	7	7.9	0.0	28.6	88
24/02/2024 03:50	6.6	56	6	9.0	0.0	28.6	88
24/02/2024 04:00	6.0	56	8	8.2	0.0	28.6	88
24/02/2024 04:10	5.8	56	8	8.0	0.0	28.6	88
24/02/2024 04:20	6.0	52	8	8.4	0.0	28.6	87
24/02/2024 04:30	6.0	58	9	8.0	0.0	28.6	87
24/02/2024 04:40	5.9	61	7	8.1	0.0	28.6	88
24/02/2024 04:50	6.3	62	7	8.7	0.0	28.6	88
24/02/2024 05:00	6.3	63	8	8.3	0.0	28.6	88
24/02/2024 05:10	5.7	58	7	8.1	0.0	28.5	88
24/02/2024 05:20	6.0	57	7	8.4	0.0	28.5	87
24/02/2024 05:30	5.3	43	9	7.9	0.0	28.5	86
24/02/2024 05:40	5.8	43	8	8.0	0.0	28.5	85
24/02/2024 05:50	5.0	45	7	7.2	0.0	28.5	85
24/02/2024 06:00	4.6	41	8	6.5	0.0	28.5	85
24/02/2024 06:10	4.4	33	10	6.4	0.0	28.5	85
24/02/2024 06:20	5.2	30	9	7.1	0.0	28.5	84
24/02/2024 06:30	4.5	31	12	6.9	0.0	28.6	83
24/02/2024 06:40	4.8	33	9	7.0	0.0	28.7	82
24/02/2024 06:50	4.7	33	10	6.8	0.0	28.8	83
24/02/2024 07:00	4.8	32	10	6.4	0.0	29.0	83
24/02/2024 07:10	5.7	32	9	7.8	0.0	29.1	81
24/02/2024 07:20	5.9	27	9	8.7	0.0	29.3	81
24/02/2024 07:30	5.6	29	11	7.9	0.0	29.6	80
24/02/2024 07:40	5.9	36	9	8.5	0.0	29.6	79
24/02/2024 07:50	5.2	26	11	7.7	0.0	29.7	79
24/02/2024 08:00	5.5	31	11	7.7	0.0	29.8	79
24/02/2024 08:10	6.1	37	8	8.4	0.0	29.8	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/02/2024 08:20	5.5	35	10	8.1	0.0	30.2	76
24/02/2024 08:30	5.2	29	13	7.2	0.0	30.6	75
24/02/2024 08:40	5.4	32	11	8.4	0.0	30.7	74
24/02/2024 08:50	5.6	30	13	8.0	0.0	30.7	74
24/02/2024 09:00	6.4	33	10	8.5	0.0	30.7	74
24/02/2024 09:10	7.3	24	11	9.8	0.0	31.0	71
24/02/2024 09:20	6.8	27	11	9.0	0.0	30.9	73
24/02/2024 09:30	6.9	18	10	9.1	0.0	31.0	72
24/02/2024 09:40	6.2	23	14	9.4	0.0	31.4	71
24/02/2024 09:50	7.4	16	8	10.0	0.0	31.2	71
24/02/2024 10:00	7.3	20	10	9.8	0.0	31.4	70
24/02/2024 10:10	7.2	17	10	9.4	0.0	31.6	68
24/02/2024 10:20	7.0	16	10	9.3	0.0	31.6	67
24/02/2024 10:30	6.3	14	10	8.9	0.0	31.5	67
24/02/2024 10:40	6.9	18	10	10.1	0.0	31.8	65
24/02/2024 10:50	6.2	16	15	9.0	0.0	32.5	63
24/02/2024 11:00	6.8	17	12	10.0	0.0	32.2	63
24/02/2024 11:10	7.1	16	9	9.9	0.0	31.5	67
24/02/2024 11:20	6.2	12	14	8.9	0.0	31.1	69
24/02/2024 11:30	6.6	344	14	8.8	0.0	31.0	68
24/02/2024 11:40	6.3	338	9	8.5	0.0	30.6	70
24/02/2024 11:50	6.2	341	11	8.3	0.0	30.3	72
24/02/2024 12:00	6.3	342	12	8.3	0.0	30.4	73
24/02/2024 12:10	6.6	357	11	8.9	0.0	30.9	71
24/02/2024 12:20	6.2	359	10	8.5	0.0	31.4	70
24/02/2024 12:30	5.7	345	16	8.3	0.0	31.4	70
24/02/2024 12:40	6.1	333	17	8.6	0.0	30.9	73
24/02/2024 12:50	6.0	332	15	9.0	0.0	30.7	74
24/02/2024 13:00	6.2	337	13	8.8	0.0	31.0	72
24/02/2024 13:10	6.7	343	15	9.3	0.0	31.2	69
24/02/2024 13:20	5.8	342	18	8.6	0.0	31.3	68
24/02/2024 13:30	5.8	331	10	8.5	0.0	31.1	68
24/02/2024 13:40	6.0	347	12	8.6	0.0	31.1	69
24/02/2024 13:50	5.7	343	10	8.7	0.0	30.9	68
24/02/2024 14:00	5.4	334	14	7.4	0.0	31.0	68
24/02/2024 14:10	5.4	340	18	7.9	0.0	31.0	69
24/02/2024 14:20	5.4	343	13	7.3	0.0	31.2	67
24/02/2024 14:30	5.4	345	12	7.4	0.0	31.2	67
24/02/2024 14:40	4.9	339	14	7.4	0.0	31.3	68
24/02/2024 14:50	5.1	346	16	7.3	0.0	31.3	69
24/02/2024 15:00	4.5	341	18	7.4	0.0	31.7	68
24/02/2024 15:10	4.7	320	19	7.1	0.0	31.5	69
24/02/2024 15:20	5.5	320	11	8.1	0.0	30.9	71
24/02/2024 15:30	5.6	322	9	7.3	0.0	30.6	73
24/02/2024 15:40	5.8	332	14	7.9	0.0	30.7	73
24/02/2024 15:50	5.4	335	11	7.6	0.0	30.7	73
24/02/2024 16:00	5.5	332	10	7.9	0.0	30.9	71
24/02/2024 16:10	5.3	306	15	7.8	0.0	31.2	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/02/2024 16:20	5.4	313	16	8.5	0.0	31.1	68
24/02/2024 16:30	5.5	314	12	7.6	0.0	30.9	69
24/02/2024 16:40	5.7	315	13	8.2	0.0	30.7	71
24/02/2024 16:50	5.4	318	16	7.3	0.0	30.7	71
24/02/2024 17:00	5.1	317	16	7.1	0.0	30.7	71
24/02/2024 17:10	5.3	301	16	7.6	0.0	30.5	71
24/02/2024 17:20	5.5	293	12	7.5	0.0	30.4	72
24/02/2024 17:30	5.2	288	10	7.2	0.0	30.2	74
24/02/2024 17:40	5.1	291	13	7.2	0.0	30.1	74
24/02/2024 17:50	5.5	292	9	8.1	0.0	29.9	74
24/02/2024 18:00	5.1	297	10	7.2	0.0	29.7	73
24/02/2024 18:10	5.0	289	9	6.7	0.0	29.7	71
24/02/2024 18:20	5.2	294	8	6.8	0.0	29.4	74
24/02/2024 18:30	5.2	292	8	6.7	0.0	29.3	74
24/02/2024 18:40	4.9	289	9	6.8	0.0	29.2	75
24/02/2024 18:50	4.3	289	8	6.5	0.0	29.1	76
24/02/2024 19:00	4.4	291	9	6.1	0.0	29.1	76
24/02/2024 19:10	4.4	291	9	6.2	0.0	29.0	77
24/02/2024 19:20	4.2	293	11	5.8	0.0	29.0	76
24/02/2024 19:30	3.9	296	10	5.8	0.0	29.0	76
24/02/2024 19:40	4.6	292	9	6.2	0.0	28.9	77
24/02/2024 19:50	3.9	289	11	5.7	0.0	28.9	77
24/02/2024 20:00	4.4	291	10	6.0	0.0	28.8	78
24/02/2024 20:10	3.9	290	9	5.3	0.0	28.7	78
24/02/2024 20:20	4.0	288	8	5.1	0.0	28.7	78
24/02/2024 20:30	3.6	291	8	5.3	0.0	28.7	78
24/02/2024 20:40	3.4	286	9	4.6	0.0	28.7	78
24/02/2024 20:50	3.2	289	11	4.5	0.0	28.7	79
24/02/2024 21:00	3.0	289	10	4.2	0.0	28.6	79
24/02/2024 21:10	3.4	286	9	4.3	0.0	28.6	79
24/02/2024 21:20	3.5	281	7	5.0	0.0	28.6	78
24/02/2024 21:30	3.5	290	10	5.5	0.0	28.6	79
24/02/2024 21:40	3.7	290	10	4.9	0.0	28.5	79
24/02/2024 21:50	3.9	287	10	5.3	0.0	28.4	80
24/02/2024 22:00	4.1	289	10	5.5	0.0	28.5	79
24/02/2024 22:10	3.9	292	8	5.3	0.0	28.4	79
24/02/2024 22:20	4.0	287	8	5.3	0.0	28.3	79
24/02/2024 22:30	4.0	281	8	5.3	0.0	28.3	79
24/02/2024 22:40	3.5	288	9	5.3	0.0	28.4	79
24/02/2024 22:50	3.6	280	8	5.2	0.0	28.3	79
24/02/2024 23:00	3.5	289	11	5.2	0.0	28.3	79
24/02/2024 23:10	4.4	278	7	5.9	0.0	28.3	78
24/02/2024 23:20	4.5	279	8	5.7	0.0	28.3	78
24/02/2024 23:30	4.0	285	7	5.8	0.0	28.3	79
24/02/2024 23:40	3.8	285	7	5.4	0.0	28.3	80
24/02/2024 23:50	3.8	291	10	5.2	0.0	28.2	81
25/02/2024 00:00	4.5	287	8	5.5	0.0	28.1	80
25/02/2024 00:10	4.5	280	9	6.0	0.0	28.2	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/02/2024 00:20	4.6	283	7	6.2	0.0	28.2	79
25/02/2024 00:30	4.4	283	10	6.6	0.0	28.1	77
25/02/2024 00:40	4.8	276	8	6.7	0.0	28.1	76
25/02/2024 00:50	5.4	278	8	7.3	0.0	28.1	77
25/02/2024 01:00	5.3	283	8	7.2	0.0	28.0	77
25/02/2024 01:10	4.8	279	7	7.1	0.0	28.0	78
25/02/2024 01:20	5.2	281	6	6.9	0.0	28.0	79
25/02/2024 01:30	5.2	276	6	6.8	0.0	27.9	78
25/02/2024 01:40	5.3	284	7	6.9	0.0	28.0	77
25/02/2024 01:50	5.3	282	7	7.3	0.0	27.9	78
25/02/2024 02:00	4.7	282	8	6.4	0.0	27.9	79
25/02/2024 02:10	5.4	282	6	6.7	0.0	27.8	80
25/02/2024 02:20	5.5	284	7	7.5	0.0	27.8	80
25/02/2024 02:30	5.5	281	6	7.3	0.0	27.7	80
25/02/2024 02:40	5.1	279	6	6.6	0.0	27.8	79
25/02/2024 02:50	4.6	278	8	6.1	0.0	27.8	79
25/02/2024 03:00	5.0	269	8	6.5	0.0	27.8	78
25/02/2024 03:10	4.9	276	7	6.4	0.0	27.8	76
25/02/2024 03:20	4.6	275	8	6.0	0.0	27.9	77
25/02/2024 03:30	4.5	273	7	5.9	0.0	27.9	77
25/02/2024 03:40	4.3	278	6	6.1	0.0	27.8	78
25/02/2024 03:50	3.8	270	10	5.0	0.0	27.8	78
25/02/2024 04:00	3.4	286	6	4.6	0.0	27.7	79
25/02/2024 04:10	3.2	289	8	4.2	0.0	27.6	79
25/02/2024 04:20	3.2	280	8	4.3	0.0	27.6	79
25/02/2024 04:30	2.8	282	9	3.8	0.0	27.6	79
25/02/2024 04:40	2.7	288	8	4.0	0.0	27.6	79
25/02/2024 04:50	2.5	280	8	3.6	0.0	27.6	79
25/02/2024 05:00	2.5	279	8	3.6	0.0	27.6	78
25/02/2024 05:10	1.9	281	10	2.6	0.0	27.6	78
25/02/2024 05:20	2.0	292	10	3.0	0.0	27.6	78
25/02/2024 05:30	2.5	297	5	3.4	0.0	27.6	79
25/02/2024 05:40	2.5	300	5	3.1	0.0	27.5	79
25/02/2024 05:50	2.5	300	5	3.3	0.0	27.5	80
25/02/2024 06:00	2.0	308	8	2.6	0.0	27.5	80
25/02/2024 06:10	1.6	309	11	2.0	0.0	27.5	80
25/02/2024 06:20	1.6	313	9	2.0	0.0	27.5	79
25/02/2024 06:30	1.4	295	12	1.9	0.0	27.6	79
25/02/2024 06:40	1.6	296	6	2.1	0.0	27.7	78
25/02/2024 06:50	2.0	290	8	2.5	0.0	27.7	78
25/02/2024 07:00	1.5	301	14	2.0	0.0	27.9	77
25/02/2024 07:10	1.7	272	15	2.1	0.0	28.1	76
25/02/2024 07:20	1.8	272	17	2.9	0.0	28.3	76
25/02/2024 07:30	2.7	264	12	4.0	0.0	28.6	75
25/02/2024 07:40	3.1	273	12	4.4	0.0	28.5	73
25/02/2024 07:50	3.2	269	12	4.8	0.0	28.8	72
25/02/2024 08:00	4.2	263	9	5.2	0.0	28.9	71
25/02/2024 08:10	4.6	270	10	5.8	0.0	29.0	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/02/2024 08:20	4.7	260	8	7.1	0.0	29.2	71
25/02/2024 08:30	4.8	271	9	6.4	0.0	29.1	70
25/02/2024 08:40	4.9	270	12	6.5	0.0	29.4	68
25/02/2024 08:50	4.6	278	13	6.8	0.0	29.5	68
25/02/2024 09:00	4.9	266	11	7.0	0.0	29.7	68
25/02/2024 09:10	5.2	272	11	7.0	0.0	29.6	68
25/02/2024 09:20	5.1	269	12	7.1	0.0	29.9	66
25/02/2024 09:30	4.7	266	11	6.8	0.0	29.9	66
25/02/2024 09:40	4.5	267	16	6.5	0.0	30.1	65
25/02/2024 09:50	4.6	267	9	7.1	0.0	30.2	65
25/02/2024 10:00	5.2	262	9	7.4	0.0	30.5	65
25/02/2024 10:10	5.3	267	15	7.5	0.0	30.6	65
25/02/2024 10:20	6.1	266	12	8.5	0.0	30.8	64
25/02/2024 10:30	6.0	267	9	8.8	0.0	30.6	65
25/02/2024 10:40	6.8	267	7	9.2	0.0	30.4	66
25/02/2024 10:50	6.1	268	12	8.1	0.0	30.9	64
25/02/2024 11:00	6.4	271	12	8.9	0.0	31.0	64
25/02/2024 11:10	6.9	260	9	8.7	0.0	30.8	65
25/02/2024 11:20	7.1	270	11	8.9	0.0	31.2	64
25/02/2024 11:30	7.5	266	10	9.9	0.0	30.9	65
25/02/2024 11:40	7.2	268	12	9.6	0.0	31.1	64
25/02/2024 11:50	7.0	264	12	9.1	0.0	31.4	63
25/02/2024 12:00	8.0	265	9	10.2	0.0	30.9	64
25/02/2024 12:10	7.4	264	12	9.9	0.0	31.1	64
25/02/2024 12:20	7.6	259	9	9.6	0.0	31.0	64
25/02/2024 12:30	8.1	270	8	10.8	0.0	31.2	63
25/02/2024 12:40	8.3	269	9	11.1	0.0	30.9	64
25/02/2024 12:50	8.5	268	10	10.8	0.0	31.1	62
25/02/2024 13:00	8.7	263	9	11.1	0.0	31.2	63
25/02/2024 13:10	9.2	264	8	11.6	0.0	31.2	63
25/02/2024 13:20	9.0	270	7	11.1	0.0	30.9	63
25/02/2024 13:30	9.1	270	7	11.9	0.0	30.8	65
25/02/2024 13:40	9.3	267	8	12.1	0.0	31.0	66
25/02/2024 13:50	8.8	270	9	11.5	0.0	30.8	67
25/02/2024 14:00	9.4	271	8	12.2	0.0	30.7	67
25/02/2024 14:10	8.6	276	8	12.0	0.0	30.9	65
25/02/2024 14:20	9.1	271	8	11.4	0.0	31.1	64
25/02/2024 14:30	8.8	269	11	11.0	0.0	30.8	66
25/02/2024 14:40	8.7	267	8	10.9	0.0	30.8	66
25/02/2024 14:50	8.2	271	8	10.4	0.0	30.7	65
25/02/2024 15:00	8.2	269	8	10.1	0.0	30.7	64
25/02/2024 15:10	7.7	267	9	9.9	0.0	30.8	65
25/02/2024 15:20	6.4	269	10	9.1	0.0	30.9	65
25/02/2024 15:30	7.0	269	11	9.6	0.0	31.1	63
25/02/2024 15:40	7.7	273	8	9.8	0.0	30.9	62
25/02/2024 15:50	8.0	272	8	10.1	0.0	30.4	64
25/02/2024 16:00	7.8	270	9	9.7	0.0	30.4	63
25/02/2024 16:10	7.7	269	9	9.6	0.0	30.9	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/02/2024 16:20	7.9	270	9	10.1	0.0	30.7	62
25/02/2024 16:30	8.4	268	6	10.8	0.0	30.7	62
25/02/2024 16:40	8.5	268	9	11.5	0.0	30.5	62
25/02/2024 16:50	8.2	269	8	10.7	0.0	30.7	61
25/02/2024 17:00	8.2	269	8	10.3	0.0	30.5	62
25/02/2024 17:10	8.5	269	9	11.2	0.0	30.3	62
25/02/2024 17:20	8.6	272	7	10.7	0.0	30.1	63
25/02/2024 17:30	8.2	272	9	11.7	0.0	30.0	65
25/02/2024 17:40	7.8	266	8	10.6	0.0	29.8	67
25/02/2024 17:50	8.1	273	7	10.3	0.0	29.6	68
25/02/2024 18:00	8.0	272	7	10.0	0.0	29.4	69
25/02/2024 18:10	8.4	277	6	10.3	0.0	29.3	70
25/02/2024 18:20	7.7	274	7	9.7	0.0	29.1	71
25/02/2024 18:30	7.9	277	6	10.3	0.0	29.1	72
25/02/2024 18:40	7.6	275	7	9.9	0.0	28.9	75
25/02/2024 18:50	7.5	274	7	9.8	0.0	28.8	75
25/02/2024 19:00	7.3	270	8	8.9	0.0	28.8	75
25/02/2024 19:10	7.3	272	7	9.1	0.0	28.6	75
25/02/2024 19:20	8.0	274	7	10.8	0.0	28.6	76
25/02/2024 19:30	6.9	273	8	9.3	0.0	28.6	75
25/02/2024 19:40	7.5	277	6	10.0	0.0	28.6	75
25/02/2024 19:50	7.2	274	7	10.0	0.0	28.5	74
25/02/2024 20:00	6.8	275	8	8.7	0.0	28.5	74
25/02/2024 20:10	7.0	272	6	9.1	0.0	28.5	75
25/02/2024 20:20	7.1	276	8	9.4	0.0	28.4	75
25/02/2024 20:30	6.8	273	7	8.9	0.0	28.3	75
25/02/2024 20:40	7.2	269	8	9.0	0.0	28.3	75
25/02/2024 20:50	7.2	268	7	9.3	0.0	28.3	74
25/02/2024 21:00	7.5	269	7	9.9	0.0	28.2	75
25/02/2024 21:10	6.7	276	7	9.3	0.0	28.2	75
25/02/2024 21:20	6.7	269	7	8.3	0.0	28.2	75
25/02/2024 21:30	6.4	268	7	8.7	0.0	28.2	74
25/02/2024 21:40	6.7	269	6	8.5	0.0	28.2	74
25/02/2024 21:50	6.8	277	5	8.8	0.0	28.2	74
25/02/2024 22:00	6.5	270	8	8.6	0.0	28.2	75
25/02/2024 22:10	6.3	275	8	8.6	0.0	28.1	74
25/02/2024 22:20	6.5	267	7	8.7	0.0	28.1	74
25/02/2024 22:30	6.6	276	7	8.4	0.0	28.1	74
25/02/2024 22:40	6.5	276	7	8.3	0.0	28.0	74
25/02/2024 22:50	6.5	275	6	9.3	0.0	28.0	74
25/02/2024 23:00	6.3	272	6	8.3	0.0	28.0	75
25/02/2024 23:10	6.0	271	8	8.5	0.0	27.9	75
25/02/2024 23:20	6.3	272	8	8.6	0.0	27.9	75
25/02/2024 23:30	6.4	270	9	8.7	0.0	27.9	75
25/02/2024 23:40	6.5	272	6	8.4	0.0	27.8	75
25/02/2024 23:50	7.2	271	7	9.5	0.0	27.8	75
26/02/2024 00:00	6.7	272	7	9.6	0.0	27.7	76
26/02/2024 00:10	6.6	269	8	8.9	0.0	27.7	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/02/2024 00:20	6.6	271	7	8.4	0.0	27.6	77
26/02/2024 00:30	6.5	268	7	8.5	0.0	27.6	78
26/02/2024 00:40	5.9	268	8	8.1	0.0	27.6	78
26/02/2024 00:50	6.5	267	8	8.4	0.0	27.5	79
26/02/2024 01:00	6.7	266	6	8.7	0.0	27.5	79
26/02/2024 01:10	5.9	266	8	8.5	0.0	27.5	80
26/02/2024 01:20	6.4	271	7	8.6	0.0	27.5	80
26/02/2024 01:30	6.7	263	7	8.7	0.0	27.6	80
26/02/2024 01:40	6.4	266	7	8.4	0.0	27.6	80
26/02/2024 01:50	6.1	264	8	8.2	0.0	27.6	80
26/02/2024 02:00	6.4	267	7	8.4	0.0	27.6	80
26/02/2024 02:10	6.3	268	8	9.4	0.0	27.6	80
26/02/2024 02:20	7.3	264	6	9.5	0.0	27.6	80
26/02/2024 02:30	7.2	265	6	10.2	0.0	27.6	80
26/02/2024 02:40	6.9	264	7	9.2	0.0	27.5	80
26/02/2024 02:50	6.5	262	7	8.6	0.0	27.6	80
26/02/2024 03:00	7.0	258	7	8.9	0.0	27.5	80
26/02/2024 03:10	7.5	258	5	9.3	0.0	27.5	79
26/02/2024 03:20	6.9	260	6	9.0	0.0	27.5	79
26/02/2024 03:30	6.5	260	7	8.7	0.0	27.5	80
26/02/2024 03:40	7.0	257	6	9.2	0.0	27.5	80
26/02/2024 03:50	7.4	256	6	9.2	0.0	27.4	80
26/02/2024 04:00	7.1	255	7	9.3	0.0	27.4	80
26/02/2024 04:10	5.2	253	8	7.4	0.0	27.4	80
26/02/2024 04:20	5.3	253	8	7.3	0.0	27.4	80
26/02/2024 04:30	4.7	252	9	6.9	0.0	27.3	81
26/02/2024 04:40	5.2	253	8	7.4	0.0	27.3	81
26/02/2024 04:50	5.2	251	8	7.3	0.0	27.2	81
26/02/2024 05:00	5.4	252	8	7.4	0.0	27.2	81
26/02/2024 05:10	5.2	249	10	7.3	0.0	27.2	81
26/02/2024 05:20	4.9	253	7	6.5	0.0	27.2	81
26/02/2024 05:30	5.2	256	6	6.9	0.0	27.0	81
26/02/2024 05:40	5.4	256	5	6.7	0.0	26.9	81
26/02/2024 05:50	5.2	254	6	7.2	0.0	27.0	80
26/02/2024 06:00	4.6	254	8	6.2	0.0	27.0	80
26/02/2024 06:10	4.9	255	7	6.2	0.0	26.9	81
26/02/2024 06:20	5.0	252	8	7.1	0.0	26.9	81
26/02/2024 06:30	5.0	253	7	7.1	0.0	26.9	81
26/02/2024 06:40	5.4	250	9	8.3	0.0	27.0	81
26/02/2024 06:50	5.4	246	10	8.1	0.0	27.2	80
26/02/2024 07:00	5.0	246	10	7.4	0.0	27.5	79
26/02/2024 07:10	5.8	251	9	8.6	0.0	27.7	78
26/02/2024 07:20	7.4	256	6	9.2	0.0	27.6	78
26/02/2024 07:30	5.6	246	11	8.0	0.0	27.8	77
26/02/2024 07:40	6.4	254	7	8.9	0.0	28.1	75
26/02/2024 07:50	6.8	257	7	8.8	0.0	28.1	76
26/02/2024 08:00	7.2	254	8	9.4	0.0	28.3	75
26/02/2024 08:10	6.5	239	9	9.2	0.0	28.5	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/02/2024 08:20	7.7	253	9	10.3	0.0	28.8	73
26/02/2024 08:30	7.4	252	12	10.5	0.0	29.0	72
26/02/2024 08:40	8.5	257	7	11.3	0.0	29.0	71
26/02/2024 08:50	8.8	259	8	11.9	0.0	29.3	70
26/02/2024 09:00	9.2	258	7	11.4	0.0	29.5	69
26/02/2024 09:10	9.8	263	7	12.5	0.0	29.7	68
26/02/2024 09:20	9.4	261	8	12.3	0.0	29.9	67
26/02/2024 09:30	8.8	261	7	11.1	0.0	30.2	65
26/02/2024 09:40	8.3	260	9	11.6	0.0	30.8	63
26/02/2024 09:50	8.5	260	10	11.2	0.0	31.1	62
26/02/2024 10:00	8.9	255	8	11.8	0.0	31.1	62
26/02/2024 10:10	8.9	261	8	11.4	0.0	31.3	61
26/02/2024 10:20	9.1	258	8	11.6	0.0	31.7	60
26/02/2024 10:30	9.4	258	7	11.4	0.0	31.9	59
26/02/2024 10:40	9.2	261	9	12.3	0.0	32.1	60
26/02/2024 10:50	8.8	267	8	11.3	0.0	32.5	58
26/02/2024 11:00	8.3	271	8	10.7	0.0	32.3	59
26/02/2024 11:10	7.8	273	11	9.9	0.0	32.7	58
26/02/2024 11:20	8.3	282	8	11.1	0.0	32.4	60
26/02/2024 11:30	9.0	279	8	11.3	0.0	32.0	62
26/02/2024 11:40	9.8	280	6	11.6	0.0	31.8	63
26/02/2024 11:50	9.6	275	6	11.7	0.0	31.9	63
26/02/2024 12:00	8.7	275	8	11.4	0.0	32.0	63
26/02/2024 12:10	9.1	279	7	11.2	0.0	31.7	65
26/02/2024 12:20	9.1	280	8	11.5	0.0	31.6	65
26/02/2024 12:30	10.0	277	6	12.5	0.0	31.4	66
26/02/2024 12:40	9.9	277	9	12.8	0.0	31.5	66
26/02/2024 12:50	9.9	277	8	12.4	0.0	31.5	66
26/02/2024 13:00	9.9	278	7	12.7	0.0	31.8	65
26/02/2024 13:10	9.7	275	8	12.7	0.0	31.7	65
26/02/2024 13:20	9.9	278	8	12.5	0.0	31.6	65
26/02/2024 13:30	9.4	279	7	12.2	0.0	31.6	65
26/02/2024 13:40	9.3	274	9	12.4	0.0	31.8	65
26/02/2024 13:50	9.1	269	8	11.7	0.0	31.7	65
26/02/2024 14:00	9.4	275	8	12.6	0.0	31.4	66
26/02/2024 14:10	9.0	272	8	11.4	0.0	31.6	66
26/02/2024 14:20	8.9	273	11	11.2	0.0	31.5	65
26/02/2024 14:30	8.1	276	10	11.1	0.0	32.3	63
26/02/2024 14:40	8.6	279	8	11.4	0.0	32.0	63
26/02/2024 14:50	8.6	278	8	11.1	0.0	32.3	61
26/02/2024 15:00	8.7	264	9	11.5	0.0	32.8	58
26/02/2024 15:10	9.2	268	7	11.4	0.0	32.4	58
26/02/2024 15:20	9.0	268	8	11.1	0.0	32.4	58
26/02/2024 15:30	8.3	270	8	10.6	0.0	33.0	58
26/02/2024 15:40	9.1	267	6	11.9	0.0	32.6	58
26/02/2024 15:50	9.3	266	8	12.0	0.0	32.2	60
26/02/2024 16:00	9.5	267	8	13.3	0.0	32.1	60
26/02/2024 16:10	9.7	269	6	12.2	0.0	31.8	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/02/2024 16:20	9.6	271	7	12.8	0.0	32.0	61
26/02/2024 16:30	10.4	269	6	13.4	0.0	31.4	63
26/02/2024 16:40	10.6	272	7	13.4	0.0	31.3	64
26/02/2024 16:50	10.3	271	6	13.3	0.0	31.0	65
26/02/2024 17:00	10.3	272	7	13.7	0.0	30.7	67
26/02/2024 17:10	10.1	276	8	12.9	0.0	30.6	68
26/02/2024 17:20	10.4	274	6	13.6	0.0	30.3	69
26/02/2024 17:30	10.2	274	7	14.2	0.0	30.4	67
26/02/2024 17:40	9.8	274	6	12.5	0.0	30.4	66
26/02/2024 17:50	9.5	273	6	13.0	0.0	30.3	67
26/02/2024 18:00	9.1	274	6	11.7	0.0	30.3	66
26/02/2024 18:10	8.2	278	8	10.9	0.0	30.5	66
26/02/2024 18:20	8.4	283	8	11.5	0.0	30.3	66
26/02/2024 18:30	8.9	274	8	11.1	0.0	30.1	69
26/02/2024 18:40	9.7	271	6	12.3	0.0	29.6	70
26/02/2024 18:50	10.2	269	7	13.2	0.0	29.4	71
26/02/2024 19:00	9.9	276	8	13.9	0.0	29.2	72
26/02/2024 19:10	9.5	276	7	12.4	0.0	29.2	72
26/02/2024 19:20	10.0	274	6	12.4	0.0	29.2	72
26/02/2024 19:30	9.8	275	6	13.1	0.0	29.2	72
26/02/2024 19:40	9.0	272	6	12.4	0.0	29.3	72
26/02/2024 19:50	9.8	276	6	12.9	0.0	29.2	73
26/02/2024 20:00	10.3	268	7	13.0	0.0	29.1	74
26/02/2024 20:10	9.4	273	6	12.3	0.0	29.1	74
26/02/2024 20:20	10.0	273	7	12.5	0.0	29.0	74
26/02/2024 20:30	9.7	273	8	12.5	0.0	29.0	73
26/02/2024 20:40	9.5	272	6	12.7	0.0	29.0	73
26/02/2024 20:50	10.0	269	6	13.3	0.0	29.0	73
26/02/2024 21:00	9.4	271	6	12.3	0.0	29.0	74
26/02/2024 21:10	9.6	272	6	12.7	0.0	29.0	74
26/02/2024 21:20	9.0	272	6	11.9	0.0	28.9	75
26/02/2024 21:30	9.2	275	7	12.3	0.0	28.9	76
26/02/2024 21:40	10.2	271	6	13.3	0.0	28.8	76
26/02/2024 21:50	10.0	268	7	12.6	0.0	28.8	76
26/02/2024 22:00	10.1	270	7	13.3	0.0	28.7	77
26/02/2024 22:10	9.6	268	6	12.4	0.0	28.6	78
26/02/2024 22:20	8.5	272	7	11.7	0.0	28.6	79
26/02/2024 22:30	7.9	270	6	11.2	0.0	28.6	80
26/02/2024 22:40	8.8	272	7	12.1	0.0	28.6	80
26/02/2024 22:50	9.3	268	5	11.6	0.0	28.6	80
26/02/2024 23:00	9.2	264	6	11.5	0.0	28.6	80
26/02/2024 23:10	9.6	268	5	12.2	0.0	28.7	81
26/02/2024 23:20	9.0	264	6	11.5	0.0	28.6	81
26/02/2024 23:30	9.0	269	5	11.4	0.0	28.7	82
26/02/2024 23:40	8.6	266	6	11.7	0.0	28.7	82
26/02/2024 23:50	8.9	265	7	11.8	0.0	28.7	82
27/02/2024 00:00	9.1	264	6	11.8	0.0	28.8	82
27/02/2024 00:10	8.9	268	5	12.3	0.0	28.8	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/02/2024 00:20	8.7	267	5	11.8	0.0	28.8	83
27/02/2024 00:30	9.0	267	6	12.1	0.0	28.9	83
27/02/2024 00:40	8.9	268	5	11.4	0.0	28.9	82
27/02/2024 00:50	9.2	265	6	11.7	0.0	29.0	82
27/02/2024 01:00	9.0	264	6	11.8	0.0	29.0	82
27/02/2024 01:10	8.8	266	6	12.1	0.0	29.0	82
27/02/2024 01:20	8.3	265	7	11.2	0.0	28.9	83
27/02/2024 01:30	8.1	265	6	11.0	0.0	28.9	83
27/02/2024 01:40	6.4	263	7	9.7	0.0	28.9	84
27/02/2024 01:50	7.4	262	7	10.9	0.0	28.9	83
27/02/2024 02:00	7.3	259	7	9.8	0.0	28.9	82
27/02/2024 02:10	7.0	258	6	8.9	0.0	28.9	80
27/02/2024 02:20	6.1	258	6	8.2	0.0	28.9	78
27/02/2024 02:30	6.3	259	6	8.7	0.0	28.9	77
27/02/2024 02:40	7.5	255	7	9.8	0.0	28.8	76
27/02/2024 02:50	7.3	255	6	9.9	0.0	28.7	74
27/02/2024 03:00	6.7	253	6	9.0	0.0	28.6	74
27/02/2024 03:10	7.4	255	6	9.7	0.0	28.4	73
27/02/2024 03:20	7.1	256	6	10.0	0.0	28.4	72
27/02/2024 03:30	7.1	256	6	9.5	0.0	28.3	72
27/02/2024 03:40	7.4	259	6	9.9	0.0	28.1	73
27/02/2024 03:50	7.9	257	6	9.7	0.0	28.0	73
27/02/2024 04:00	7.2	257	6	9.4	0.0	28.0	73
27/02/2024 04:10	7.2	257	5	9.1	0.0	27.8	73
27/02/2024 04:20	7.7	257	5	9.8	0.0	27.8	72
27/02/2024 04:30	7.6	259	6	9.6	0.0	27.7	73
27/02/2024 04:40	7.6	261	5	10.3	0.0	27.6	73
27/02/2024 04:50	7.6	262	5	9.9	0.0	27.5	73
27/02/2024 05:00	7.8	264	5	9.7	0.0	27.5	73
27/02/2024 05:10	7.5	265	5	10.2	0.0	27.4	73
27/02/2024 05:20	6.9	265	6	9.2	0.0	27.3	73
27/02/2024 05:30	6.0	266	6	8.2	0.0	27.3	73
27/02/2024 05:40	5.3	264	6	6.7	0.0	27.2	73
27/02/2024 05:50	5.5	262	6	6.9	0.0	27.2	73
27/02/2024 06:00	5.7	260	5	7.0	0.0	27.2	72
27/02/2024 06:10	5.8	256	5	7.2	0.0	27.1	72
27/02/2024 06:20	6.2	254	5	7.7	0.0	27.1	72
27/02/2024 06:30	6.0	255	5	7.5	0.0	27.0	72
27/02/2024 06:40	4.9	266	6	6.4	0.0	27.1	72
27/02/2024 06:50	5.0	267	6	6.3	0.0	27.4	71
27/02/2024 07:00	4.4	266	7	5.3	0.0	27.7	69
27/02/2024 07:10	4.2	265	9	5.4	0.0	28.0	68
27/02/2024 07:20	4.7	260	9	6.2	0.0	28.3	67
27/02/2024 07:30	4.7	265	8	6.0	0.0	28.7	66
27/02/2024 07:40	5.5	269	7	7.1	0.0	29.2	64
27/02/2024 07:50	5.4	274	7	7.1	0.0	29.6	63
27/02/2024 08:00	5.3	276	6	6.7	0.0	29.7	63
27/02/2024 08:10	5.3	274	6	6.5	0.0	30.1	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/02/2024 08:20	5.4	275	8	6.7	0.0	30.2	62
27/02/2024 08:30	5.1	276	8	6.6	0.0	30.5	61
27/02/2024 08:40	5.5	267	7	6.9	0.0	30.8	59
27/02/2024 08:50	5.3	261	6	6.5	0.0	31.2	58
27/02/2024 09:00	5.6	271	6	7.1	0.0	31.6	56
27/02/2024 09:10	4.4	261	9	5.9	0.0	32.6	54
27/02/2024 09:20	5.1	257	9	6.5	0.0	33.2	52
27/02/2024 09:30	5.2	261	7	7.0	0.0	33.4	52
27/02/2024 09:40	4.8	266	12	7.1	0.0	33.9	52
27/02/2024 09:50	5.3	271	7	6.6	0.0	34.0	54
27/02/2024 10:00	5.2	276	11	6.8	0.0	34.2	54
27/02/2024 10:10	5.2	272	11	6.7	0.0	34.9	50
27/02/2024 10:20	6.4	286	8	8.1	0.0	34.0	56
27/02/2024 10:30	6.6	283	8	8.1	0.0	34.1	56
27/02/2024 10:40	7.6	282	6	9.3	0.0	33.8	58
27/02/2024 10:50	7.4	282	7	9.1	0.0	33.6	60
27/02/2024 11:00	6.8	276	9	8.6	0.0	34.2	57
27/02/2024 11:10	6.6	276	7	8.2	0.0	34.3	58
27/02/2024 11:20	6.0	274	8	7.7	0.0	34.8	55
27/02/2024 11:30	6.2	278	7	7.7	0.0	35.5	53
27/02/2024 11:40	7.2	277	6	9.1	0.0	34.6	56
27/02/2024 11:50	7.7	272	6	9.5	0.0	35.0	52
27/02/2024 12:00	7.8	270	7	9.7	0.0	35.1	54
27/02/2024 12:10	7.9	273	7	9.7	0.0	34.8	55
27/02/2024 12:20	8.1	275	7	10.5	0.0	35.2	53
27/02/2024 12:30	8.8	276	5	11.6	0.0	34.5	56
27/02/2024 12:40	8.4	273	7	10.4	0.0	34.4	57
27/02/2024 12:50	8.3	274	7	10.9	0.0	34.8	56
27/02/2024 13:00	8.3	273	6	10.3	0.0	35.0	54
27/02/2024 13:10	8.3	270	7	10.7	0.0	35.1	54
27/02/2024 13:20	7.6	269	9	9.8	0.0	35.2	55
27/02/2024 13:30	7.8	276	8	10.3	0.0	35.6	53
27/02/2024 13:40	7.4	274	8	9.7	0.0	35.7	53
27/02/2024 13:50	7.3	276	7	9.1	0.0	35.8	53
27/02/2024 14:00	7.8	267	6	9.6	0.0	35.1	56
27/02/2024 14:10	7.0	267	8	9.1	0.0	34.9	58
27/02/2024 14:20	7.0	263	8	8.7	0.0	35.8	54
27/02/2024 14:30	7.9	266	7	9.8	0.0	35.6	54
27/02/2024 14:40	8.0	269	6	10.1	0.0	35.3	55
27/02/2024 14:50	8.6	270	7	10.8	0.0	35.3	55
27/02/2024 15:00	8.3	271	7	11.1	0.0	35.3	55
27/02/2024 15:10	9.0	266	7	11.5	0.0	34.5	58
27/02/2024 15:20	8.9	266	7	11.3	0.0	34.4	57
27/02/2024 15:30	9.7	268	7	12.3	0.0	34.2	56
27/02/2024 15:40	9.2	268	7	12.5	0.0	34.4	55
27/02/2024 15:50	9.1	270	7	12.1	0.0	34.8	52
27/02/2024 16:00	8.8	268	7	11.3	0.0	34.8	51
27/02/2024 16:10	9.4	269	6	11.6	0.0	34.8	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/02/2024 16:20	9.4	271	7	12.4	0.0	34.4	53
27/02/2024 16:30	9.7	267	6	11.9	0.0	33.9	55
27/02/2024 16:40	8.7	272	8	11.8	0.0	33.6	57
27/02/2024 16:50	9.7	272	7	12.3	0.0	33.3	59
27/02/2024 17:00	9.0	272	8	11.8	0.0	33.0	59
27/02/2024 17:10	9.6	270	6	12.5	0.0	32.3	63
27/02/2024 17:20	9.8	273	6	12.7	0.0	32.0	65
27/02/2024 17:30	7.7	279	8	10.3	0.0	32.0	66
27/02/2024 17:40	7.9	278	8	10.7	0.0	32.1	66
27/02/2024 17:50	8.4	281	8	11.4	0.0	31.7	69
27/02/2024 18:00	7.6	280	7	10.4	0.0	31.5	70
27/02/2024 18:10	7.3	283	8	10.5	0.0	31.5	70
27/02/2024 18:20	7.3	284	9	10.6	0.0	31.2	72
27/02/2024 18:30	7.8	278	6	10.2	0.0	30.9	73
27/02/2024 18:40	8.1	283	7	10.4	0.0	30.7	74
27/02/2024 18:50	7.8	281	7	10.5	0.0	30.5	75
27/02/2024 19:00	7.4	279	6	9.3	0.0	30.5	74
27/02/2024 19:10	7.1	274	6	8.9	0.0	30.5	74
27/02/2024 19:20	6.8	272	6	9.4	0.0	30.5	74
27/02/2024 19:30	7.0	270	7	9.3	0.0	30.3	75
27/02/2024 19:40	7.3	268	6	9.9	0.0	30.2	77
27/02/2024 19:50	7.4	276	6	10.0	0.0	30.1	78
27/02/2024 20:00	7.9	271	6	10.5	0.0	30.0	78
27/02/2024 20:10	7.7	272	6	10.8	0.0	29.9	79
27/02/2024 20:20	7.8	272	6	10.5	0.0	29.8	79
27/02/2024 20:30	7.5	274	7	9.5	0.0	29.8	78
27/02/2024 20:40	7.9	280	6	10.2	0.0	29.7	79
27/02/2024 20:50	7.7	283	6	10.2	0.0	29.6	79
27/02/2024 21:00	7.1	280	7	9.7	0.0	29.7	79
27/02/2024 21:10	7.4	284	6	10.3	0.0	29.7	79
27/02/2024 21:20	6.7	290	7	9.0	0.0	29.6	80
27/02/2024 21:30	6.5	290	8	8.7	0.0	29.5	80
27/02/2024 21:40	6.0	296	8	8.7	0.0	29.4	80
27/02/2024 21:50	6.2	295	6	8.0	0.0	29.3	80
27/02/2024 22:00	6.5	293	8	8.2	0.0	29.3	79
27/02/2024 22:10	6.9	291	7	8.9	0.0	29.3	79
27/02/2024 22:20	7.4	285	7	9.5	0.0	29.2	80
27/02/2024 22:30	7.3	278	6	9.6	0.0	29.2	80
27/02/2024 22:40	6.9	283	7	9.2	0.0	29.1	81
27/02/2024 22:50	6.5	285	8	8.8	0.0	29.1	81
27/02/2024 23:00	6.1	289	8	8.1	0.0	29.0	82
27/02/2024 23:10	5.9	287	8	8.4	0.0	29.0	82
27/02/2024 23:20	6.5	281	7	8.5	0.0	28.9	82
27/02/2024 23:30	5.5	248	14	7.5	0.0	28.9	83
27/02/2024 23:40	5.4	271	11	7.6	0.0	29.0	83
27/02/2024 23:50	4.1	258	8	5.3	0.0	28.9	84
28/02/2024 00:00	4.5	277	9	6.2	0.0	29.0	84
28/02/2024 00:10	4.3	270	10	5.8	0.0	29.0	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/02/2024 00:20	4.8	277	8	6.4	0.0	29.0	84
28/02/2024 00:30	4.9	290	6	6.6	0.0	29.0	84
28/02/2024 00:40	5.2	295	8	7.1	0.0	29.0	85
28/02/2024 00:50	4.2	304	11	6.0	0.0	29.0	84
28/02/2024 01:00	4.0	340	10	5.5	0.0	29.0	84
28/02/2024 01:10	3.8	194	25	5.9	0.0	28.9	85
28/02/2024 01:20	4.9	165	21	6.4	0.0	28.7	85
28/02/2024 01:30	5.0	35	14	6.9	0.0	28.7	85
28/02/2024 01:40	4.8	16	15	6.7	0.0	28.7	85
28/02/2024 01:50	5.1	337	13	7.6	0.0	28.6	85
28/02/2024 02:00	5.6	338	11	7.3	0.0	28.4	86
28/02/2024 02:10	6.1	320	9	8.9	0.0	28.2	86
28/02/2024 02:20	5.5	325	13	8.2	0.0	28.1	86
28/02/2024 02:30	6.1	309	10	8.7	0.0	28.0	86
28/02/2024 02:40	6.2	314	9	8.9	0.0	27.9	87
28/02/2024 02:50	6.5	310	9	9.6	0.0	28.0	87
28/02/2024 03:00	5.6	294	10	8.1	0.0	28.0	87
28/02/2024 03:10	7.8	289	6	10.1	0.0	28.0	87
28/02/2024 03:20	7.7	290	7	10.0	0.0	28.0	87
28/02/2024 03:30	6.0	291	8	8.2	0.0	28.0	88
28/02/2024 03:40	6.4	286	8	8.8	0.0	28.0	88
28/02/2024 03:50	6.8	286	8	9.2	0.0	28.0	88
28/02/2024 04:00	7.6	278	6	10.1	0.0	28.0	88
28/02/2024 04:10	7.6	271	7	10.3	0.0	28.0	88
28/02/2024 04:20	8.1	272	7	11.4	0.0	28.1	88
28/02/2024 04:30	8.6	271	6	11.9	0.0	28.1	89
28/02/2024 04:40	8.9	271	6	12.6	0.0	28.2	89
28/02/2024 04:50	8.9	269	5	11.8	0.0	28.4	88
28/02/2024 05:00	9.4	263	6	11.8	0.0	28.5	87
28/02/2024 05:10	9.5	262	6	11.9	0.0	28.7	84
28/02/2024 05:20	9.2	258	6	11.6	0.0	28.8	81
28/02/2024 05:30	8.9	257	6	11.6	0.0	28.8	80
28/02/2024 05:40	7.4	255	7	9.5	0.0	28.8	80
28/02/2024 05:50	6.7	249	8	8.8	0.0	28.6	78
28/02/2024 06:00	5.9	253	7	8.4	0.0	28.5	76
28/02/2024 06:10	6.1	255	8	8.1	0.0	28.3	73
28/02/2024 06:20	5.8	260	5	7.8	0.0	28.2	72
28/02/2024 06:30	5.4	262	6	7.0	0.0	28.1	72
28/02/2024 06:40	4.3	268	8	6.2	0.0	28.1	72
28/02/2024 06:50	4.5	258	8	6.2	0.0	28.2	72
28/02/2024 07:00	4.6	253	10	6.2	0.0	28.6	70
28/02/2024 07:10	3.8	236	14	5.7	0.0	29.0	69
28/02/2024 07:20	2.8	188	21	4.3	0.0	29.3	68
28/02/2024 07:30	2.8	190	13	4.0	0.0	29.5	67
28/02/2024 07:40	3.2	205	10	4.2	0.0	29.3	67
28/02/2024 07:50	2.5	200	11	3.5	0.0	29.8	65
28/02/2024 08:00	2.6	197	15	3.6	0.0	30.0	64
28/02/2024 08:10	2.5	195	17	3.9	0.0	30.1	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/02/2024 08:20	1.9	195	30	3.0	0.0	30.3	63
28/02/2024 08:30	1.4	152	51	3.0	0.0	31.0	61
28/02/2024 08:40	1.7	84	21	2.9	0.0	32.1	58
28/02/2024 08:50	1.2	79	30	2.2	0.0	32.2	59
28/02/2024 09:00	1.8	108	25	3.4	0.0	32.4	60
28/02/2024 09:10	3.4	63	15	5.3	0.0	32.5	61
28/02/2024 09:20	3.2	73	17	4.8	0.0	32.1	64
28/02/2024 09:30	2.8	87	25	4.9	0.0	32.6	62
28/02/2024 09:40	3.5	70	12	5.1	0.0	32.8	63
28/02/2024 09:50	3.3	68	16	4.5	0.0	32.8	64
28/02/2024 10:00	3.8	59	10	5.1	0.0	32.7	63
28/02/2024 10:10	3.7	72	14	5.5	0.0	33.0	62
28/02/2024 10:20	3.1	83	10	4.5	0.0	33.1	61
28/02/2024 10:30	2.6	48	26	4.2	0.0	33.6	58
28/02/2024 10:40	2.9	41	24	4.7	0.0	34.1	55
28/02/2024 10:50	2.9	63	24	5.1	0.0	34.8	53
28/02/2024 11:00	2.8	61	20	5.0	0.0	34.2	54
28/02/2024 11:10	2.7	60	21	4.6	0.0	34.5	53
28/02/2024 11:20	2.2	35	36	3.8	0.0	34.8	52
28/02/2024 11:30	1.7	62	55	3.3	0.0	35.7	51
28/02/2024 11:40	2.7	350	27	5.1	0.0	35.0	53
28/02/2024 11:50	3.4	357	31	5.6	0.0	35.6	52
28/02/2024 12:00	3.7	9	15	5.8	0.0	35.6	52
28/02/2024 12:10	4.7	11	18	6.7	0.0	35.2	53
28/02/2024 12:20	5.4	5	12	7.3	0.0	34.7	54
28/02/2024 12:30	5.5	342	17	7.5	0.0	34.4	55
28/02/2024 12:40	5.2	332	13	7.1	0.0	34.0	56
28/02/2024 12:50	5.7	329	10	8.2	0.0	34.2	55
28/02/2024 13:00	6.0	324	7	8.3	0.0	33.6	58
28/02/2024 13:10	6.0	330	11	7.7	0.0	33.8	57
28/02/2024 13:20	6.3	328	7	7.9	0.0	33.4	59
28/02/2024 13:30	6.0	322	13	7.8	0.0	33.8	58
28/02/2024 13:40	5.7	307	12	8.4	0.0	33.9	57
28/02/2024 13:50	6.0	320	9	8.0	0.0	33.5	59
28/02/2024 14:00	6.9	307	9	9.1	0.0	32.8	61
28/02/2024 14:10	6.8	315	6	8.6	0.0	32.4	63
28/02/2024 14:20	5.6	305	12	8.2	0.0	32.8	62
28/02/2024 14:30	5.4	295	12	7.0	0.0	33.3	59
28/02/2024 14:40	6.6	293	9	8.8	0.0	32.9	61
28/02/2024 14:50	6.9	281	11	9.4	0.0	32.8	65
28/02/2024 15:00	7.0	268	8	10.1	0.0	32.7	66
28/02/2024 15:10	7.5	273	8	10.0	0.0	32.3	67
28/02/2024 15:20	8.0	274	6	9.6	0.0	32.1	67
28/02/2024 15:30	7.7	267	10	9.7	0.0	32.1	67
28/02/2024 15:40	8.1	266	6	10.0	0.0	31.8	68
28/02/2024 15:50	8.0	265	8	10.5	0.0	31.8	68
28/02/2024 16:00	8.7	268	6	10.5	0.0	31.2	71
28/02/2024 16:10	8.5	265	6	10.3	0.0	31.3	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/02/2024 16:20	7.7	269	8	10.2	0.0	31.2	71
28/02/2024 16:30	7.9	266	8	10.5	0.0	31.1	72
28/02/2024 16:40	8.5	271	8	10.8	0.0	30.8	73
28/02/2024 16:50	8.7	272	7	10.8	0.0	30.6	73
28/02/2024 17:00	8.4	271	7	10.7	0.0	30.7	73
28/02/2024 17:10	8.2	267	7	10.2	0.0	30.6	73
28/02/2024 17:20	8.0	270	7	10.1	0.0	30.5	74
28/02/2024 17:30	8.1	275	6	10.0	0.0	30.2	74
28/02/2024 17:40	7.7	276	7	9.7	0.0	30.2	75
28/02/2024 17:50	7.4	273	7	10.1	0.0	30.2	74
28/02/2024 18:00	7.3	273	8	9.8	0.0	30.2	73
28/02/2024 18:10	7.8	278	5	9.6	0.0	30.0	73
28/02/2024 18:20	7.2	278	7	9.3	0.0	30.0	73
28/02/2024 18:30	7.8	273	8	9.9	0.0	30.0	73
28/02/2024 18:40	8.0	276	7	10.5	0.0	30.0	72
28/02/2024 18:50	7.4	274	7	10.0	0.0	29.9	72
28/02/2024 19:00	6.9	278	6	8.4	0.0	29.8	74
28/02/2024 19:10	6.4	277	7	8.3	0.0	29.7	78
28/02/2024 19:20	6.0	274	6	7.7	0.0	29.6	79
28/02/2024 19:30	6.5	274	5	8.3	0.0	29.5	80
28/02/2024 19:40	6.6	278	6	8.1	0.0	29.6	81
28/02/2024 19:50	6.6	278	5	8.1	0.0	29.4	81
28/02/2024 20:00	6.3	277	5	7.8	0.0	29.5	81
28/02/2024 20:10	6.7	278	5	8.1	0.0	29.5	80
28/02/2024 20:20	6.0	276	6	7.8	0.0	29.6	79
28/02/2024 20:30	6.3	270	6	8.1	0.0	29.6	80
28/02/2024 20:40	5.6	265	5	6.8	0.0	29.5	81
28/02/2024 20:50	5.9	265	4	7.5	0.0	29.5	81
28/02/2024 21:00	6.0	267	5	7.3	0.0	29.6	79
28/02/2024 21:10	5.1	280	8	6.5	0.0	29.7	80
28/02/2024 21:20	5.7	281	6	6.9	0.0	29.7	79
28/02/2024 21:30	6.0	275	7	7.5	0.0	29.7	79
28/02/2024 21:40	6.0	277	7	7.8	0.0	29.6	80
28/02/2024 21:50	6.0	281	6	7.6	0.0	29.6	81
28/02/2024 22:00	5.8	281	6	7.5	0.0	29.6	81
28/02/2024 22:10	5.8	289	7	7.8	0.0	29.6	82
28/02/2024 22:20	6.3	283	8	8.3	0.0	29.5	82
28/02/2024 22:30	6.3	291	8	8.3	0.0	29.5	82
28/02/2024 22:40	6.8	295	7	8.6	0.0	29.5	81
28/02/2024 22:50	6.2	290	7	7.9	0.0	29.5	82
28/02/2024 23:00	5.7	297	8	7.9	0.0	29.4	82
28/02/2024 23:10	6.0	296	7	8.0	0.0	29.5	80
28/02/2024 23:20	5.5	292	10	8.2	0.0	29.7	79
28/02/2024 23:30	5.6	294	8	7.5	0.0	29.6	79
28/02/2024 23:40	6.6	294	8	8.9	0.0	29.7	77
28/02/2024 23:50	6.0	297	8	7.8	0.0	29.6	78
29/02/2024 00:00	5.2	296	7	7.7	0.0	29.5	79
29/02/2024 00:10	5.5	297	8	7.2	0.0	29.2	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/02/2024 00:20	5.2	294	9	6.9	0.0	29.4	79
29/02/2024 00:30	5.6	293	8	7.2	0.0	29.3	79
29/02/2024 00:40	5.8	289	8	7.1	0.0	29.1	81
29/02/2024 00:50	4.8	288	8	6.3	0.0	29.0	82
29/02/2024 01:00	5.2	293	7	6.7	0.0	28.8	84
29/02/2024 01:10	5.0	292	8	6.7	0.0	28.7	84
29/02/2024 01:20	4.9	287	7	6.7	0.0	28.7	84
29/02/2024 01:30	4.8	276	6	6.3	0.0	28.7	84
29/02/2024 01:40	4.7	283	7	6.5	0.0	28.7	84
29/02/2024 01:50	4.8	281	7	6.5	0.0	28.7	84
29/02/2024 02:00	5.3	279	6	7.0	0.0	28.7	84
29/02/2024 02:10	5.4	283	6	7.2	0.0	28.7	84
29/02/2024 02:20	5.4	282	6	7.2	0.0	28.7	84
29/02/2024 02:30	5.4	289	7	6.9	0.0	28.7	84
29/02/2024 02:40	4.9	284	6	6.5	0.0	28.7	85
29/02/2024 02:50	4.8	278	7	6.4	0.0	28.8	85
29/02/2024 03:00	4.3	282	7	5.7	0.0	28.8	85
29/02/2024 03:10	4.2	287	7	5.9	0.0	28.9	86
29/02/2024 03:20	4.2	288	9	5.8	0.0	28.9	85
29/02/2024 03:30	4.0	282	7	5.2	0.0	29.0	83
29/02/2024 03:40	4.7	285	6	6.2	0.0	29.0	83
29/02/2024 03:50	5.1	281	6	6.6	0.0	28.9	83
29/02/2024 04:00	5.9	276	4	7.2	0.0	28.9	81
29/02/2024 04:10	5.8	277	6	7.3	0.0	28.9	79
29/02/2024 04:20	5.8	279	6	7.6	0.0	29.0	78
29/02/2024 04:30	5.7	278	7	7.7	0.0	28.9	77
29/02/2024 04:40	6.0	275	6	8.1	0.0	28.9	76
29/02/2024 04:50	6.3	275	5	8.1	0.0	28.9	73
29/02/2024 05:00	5.8	277	6	7.5	0.0	28.9	73
29/02/2024 05:10	4.3	281	8	6.5	0.0	28.8	73
29/02/2024 05:20	4.3	281	7	5.6	0.0	28.8	73
29/02/2024 05:30	5.2	274	6	7.3	0.0	28.7	73
29/02/2024 05:40	5.9	269	6	7.7	0.0	28.7	72
29/02/2024 05:50	5.8	269	7	7.4	0.0	28.7	73
29/02/2024 06:00	6.0	272	6	7.9	0.0	28.6	73
29/02/2024 06:10	6.4	267	5	7.9	0.0	28.6	72
29/02/2024 06:20	6.5	267	6	8.3	0.0	28.5	72
29/02/2024 06:30	6.3	268	6	8.1	0.0	28.5	71
29/02/2024 06:40	6.1	264	5	7.8	0.0	28.4	71
29/02/2024 06:50	6.0	265	6	7.5	0.0	28.4	71
29/02/2024 07:00	6.1	265	7	7.7	0.0	28.5	70
29/02/2024 07:10	6.6	268	7	8.8	0.0	28.6	69
29/02/2024 07:20	6.8	261	6	8.6	0.0	28.6	69
29/02/2024 07:30	6.1	261	7	8.4	0.0	28.8	69
29/02/2024 07:40	6.4	264	8	8.4	0.0	28.9	69
29/02/2024 07:50	6.0	261	8	7.8	0.0	29.0	68
29/02/2024 08:00	6.6	262	6	8.2	0.0	29.1	68
29/02/2024 08:10	6.7	272	11	8.2	0.0	29.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/02/2024 08:20	7.1	269	7	8.7	0.0	29.3	67
29/02/2024 08:30	7.2	271	8	9.0	0.0	29.4	67
29/02/2024 08:40	7.2	274	5	8.8	0.0	29.6	66
29/02/2024 08:50	7.2	272	6	9.4	0.0	29.4	68
29/02/2024 09:00	6.6	272	10	8.5	0.0	29.4	68
29/02/2024 09:10	6.8	272	6	8.6	0.0	29.8	65
29/02/2024 09:20	6.4	278	8	8.3	0.0	29.9	66
29/02/2024 09:30	6.4	282	6	8.1	0.0	30.1	66
29/02/2024 09:40	6.5	279	8	8.7	0.0	30.5	64
29/02/2024 09:50	7.0	283	7	8.7	0.0	30.5	64
29/02/2024 10:00	7.1	283	9	8.9	0.0	30.4	64
29/02/2024 10:10	7.1	276	11	8.7	0.0	30.7	63
29/02/2024 10:20	6.8	278	7	8.8	0.0	30.7	63
29/02/2024 10:30	7.3	274	6	8.9	0.0	30.6	64
29/02/2024 10:40	7.1	273	8	9.3	0.0	30.9	63
29/02/2024 10:50	7.6	276	6	9.1	0.0	31.4	61
29/02/2024 11:00	7.4	278	8	9.0	0.0	31.2	62
29/02/2024 11:10	7.6	279	6	9.4	0.0	31.0	63
29/02/2024 11:20	7.5	275	9	9.6	0.0	31.5	63
29/02/2024 11:30	8.2	272	7	9.9	0.0	31.1	65
29/02/2024 11:40	8.0	272	8	9.9	0.0	30.8	67
29/02/2024 11:50	7.5	270	8	9.5	0.0	31.2	66
29/02/2024 12:00	7.8	273	8	9.8	0.0	30.9	66
29/02/2024 12:10	8.3	276	8	10.2	0.0	31.1	67
29/02/2024 12:20	7.7	270	8	9.4	0.0	31.1	67
29/02/2024 12:30	8.4	272	9	10.3	0.0	31.0	67
29/02/2024 12:40	8.5	271	7	11.0	0.0	31.1	67
29/02/2024 12:50	8.2	272	7	10.6	0.0	31.1	67
29/02/2024 13:00	8.6	276	6	11.0	0.0	31.1	68
29/02/2024 13:10	8.0	276	7	10.0	0.0	31.3	68
29/02/2024 13:20	7.7	275	8	10.3	0.0	31.7	67
29/02/2024 13:30	8.6	267	7	10.8	0.0	31.3	68
29/02/2024 13:40	8.9	268	8	11.0	0.0	31.1	68
29/02/2024 13:50	9.1	270	9	11.4	0.0	31.1	68
29/02/2024 14:00	8.6	271	8	11.2	0.0	31.5	66
29/02/2024 14:10	8.3	273	8	10.6	0.0	31.7	65
29/02/2024 14:20	8.4	272	8	10.5	0.0	31.7	65
29/02/2024 14:30	9.1	269	7	11.3	0.0	31.8	64
29/02/2024 14:40	9.0	269	7	12.0	0.0	31.4	65
29/02/2024 14:50	9.3	267	7	11.3	0.0	31.3	67
29/02/2024 15:00	9.5	270	6	11.7	0.0	31.4	64
29/02/2024 15:10	9.1	272	7	11.8	0.0	31.6	64
29/02/2024 15:20	9.7	272	6	12.2	0.0	31.5	65
29/02/2024 15:30	10.2	272	7	12.5	0.0	31.0	67
29/02/2024 15:40	9.2	269	8	11.9	0.0	31.2	68
29/02/2024 15:50	9.4	269	8	12.1	0.0	31.2	66
29/02/2024 16:00	9.6	273	8	11.8	0.0	30.8	66
29/02/2024 16:10	9.4	272	7	11.8	0.0	30.8	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/02/2024 16:20	9.2	268	7	11.4	0.0	30.8	67
29/02/2024 16:30	8.7	273	7	11.4	0.0	30.9	67
29/02/2024 16:40	8.8	271	6	11.3	0.0	30.8	66
29/02/2024 16:50	9.0	270	6	11.4	0.0	30.7	65
29/02/2024 17:00	8.0	270	6	10.4	0.0	31.2	61
29/02/2024 17:10	7.9	271	9	10.1	0.0	31.2	60
29/02/2024 17:20	8.2	268	6	10.5	0.0	31.2	59
29/02/2024 17:30	8.2	267	8	10.5	0.0	31.2	55
29/02/2024 17:40	9.5	270	6	12.6	0.0	31.3	53
29/02/2024 17:50	9.6	271	5	12.5	0.0	30.7	56
29/02/2024 18:00	10.1	274	6	12.8	0.0	30.1	63
29/02/2024 18:10	8.6	273	7	11.6	0.0	29.9	67
29/02/2024 18:20	8.5	281	6	11.5	0.0	29.8	68
29/02/2024 18:30	7.8	274	6	10.9	0.0	29.5	71
29/02/2024 18:40	9.5	270	6	11.7	0.0	29.2	72
29/02/2024 18:50	9.9	276	7	12.2	0.0	29.0	74
29/02/2024 19:00	9.5	274	5	12.4	0.0	28.9	75
29/02/2024 19:10	9.9	272	5	12.3	0.0	28.9	74
29/02/2024 19:20	10.0	275	6	12.5	0.0	28.8	74
29/02/2024 19:30	9.2	274	7	12.4	0.0	28.8	72
29/02/2024 19:40	9.6	275	6	12.5	0.0	29.0	69
29/02/2024 19:50	8.8	270	6	11.6	0.0	29.0	72
29/02/2024 20:00	8.6	272	6	11.0	0.0	28.9	75
29/02/2024 20:10	8.4	270	5	11.2	0.0	28.8	76
29/02/2024 20:20	8.4	272	6	11.1	0.0	28.8	77
29/02/2024 20:30	8.1	274	5	11.1	0.0	28.7	79
29/02/2024 20:40	8.0	274	6	10.8	0.0	28.6	80
29/02/2024 20:50	7.7	272	6	10.9	0.0	28.5	81
29/02/2024 21:00	7.8	274	5	10.5	0.0	28.5	82
29/02/2024 21:10	7.9	273	5	10.5	0.0	28.5	82
29/02/2024 21:20	7.4	272	5	10.3	0.0	28.5	82
29/02/2024 21:30	7.8	274	6	9.9	0.0	28.5	82
29/02/2024 21:40	7.7	272	6	10.5	0.0	28.5	83
29/02/2024 21:50	7.6	273	6	10.7	0.0	28.5	83
29/02/2024 22:00	7.5	273	6	10.3	0.0	28.4	83
29/02/2024 22:10	8.2	269	6	10.4	0.0	28.4	84
29/02/2024 22:20	7.3	271	6	10.4	0.0	28.5	84
29/02/2024 22:30	7.5	266	6	9.9	0.0	28.5	84
29/02/2024 22:40	8.1	262	6	10.4	0.0	28.6	83
29/02/2024 22:50	8.5	263	7	10.9	0.0	28.6	82
29/02/2024 23:00	7.8	262	6	10.2	0.0	28.6	83
29/02/2024 23:10	8.1	259	6	10.7	0.0	28.6	82
29/02/2024 23:20	7.9	261	6	10.4	0.0	28.7	81
29/02/2024 23:30	8.5	264	6	10.7	0.0	28.7	81
29/02/2024 23:40	7.6	261	5	9.8	0.0	28.7	81
29/02/2024 23:50	7.3	263	6	9.8	0.0	28.6	81
01/03/2024 00:00	6.4	263	6	8.6	0.0	28.7	81
01/03/2024 00:10	7.9	260	5	10.5	0.0	28.6	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/03/2024 00:20	8.1	259	6	11.2	0.0	28.6	80
01/03/2024 00:30	8.0	261	6	10.1	0.0	28.6	80
01/03/2024 00:40	7.9	263	5	10.2	0.0	28.5	81
01/03/2024 00:50	7.9	257	6	9.9	0.0	28.5	81
01/03/2024 01:00	8.0	256	6	10.1	0.0	28.4	81
01/03/2024 01:10	7.1	261	5	9.2	0.0	28.4	81
01/03/2024 01:20	8.0	263	5	10.3	0.0	28.4	82
01/03/2024 01:30	7.8	262	5	9.6	0.0	28.3	82
01/03/2024 01:40	6.8	257	7	9.1	0.0	28.3	83
01/03/2024 01:50	6.6	257	6	8.3	0.0	28.3	84
01/03/2024 02:00	6.6	257	7	9.0	0.0	28.2	84
01/03/2024 02:10	6.4	254	7	8.2	0.0	28.2	85
01/03/2024 02:20	6.2	257	6	8.0	0.0	28.2	85
01/03/2024 02:30	5.8	254	6	8.0	0.0	28.1	85
01/03/2024 02:40	5.7	256	7	7.0	0.0	28.0	86
01/03/2024 02:50	5.8	257	6	7.4	0.0	27.9	85
01/03/2024 03:00	5.1	257	5	6.8	0.0	27.9	84
01/03/2024 03:10	5.2	258	6	6.5	0.0	27.8	83
01/03/2024 03:20	5.1	250	7	7.1	0.0	27.9	80
01/03/2024 03:30	4.8	242	10	6.9	0.0	28.0	77
01/03/2024 03:40	5.2	259	6	6.6	0.0	27.6	78
01/03/2024 03:50	4.6	256	7	5.7	0.0	27.4	79
01/03/2024 04:00	5.1	262	6	6.4	0.0	27.3	79
01/03/2024 04:10	5.6	264	5	7.2	0.0	27.3	79
01/03/2024 04:20	5.6	268	5	7.1	0.0	27.3	78
01/03/2024 04:30	6.0	268	6	7.7	0.0	27.3	78
01/03/2024 04:40	6.3	264	5	8.4	0.0	27.3	76
01/03/2024 04:50	6.4	269	6	7.9	0.0	27.2	77
01/03/2024 05:00	6.1	274	5	8.0	0.0	27.2	75
01/03/2024 05:10	6.2	279	5	8.0	0.0	27.2	74
01/03/2024 05:20	6.3	274	5	8.3	0.0	27.3	75
01/03/2024 05:30	6.4	275	5	9.3	0.0	27.5	75
01/03/2024 05:40	6.4	273	6	8.3	0.0	27.5	75
01/03/2024 05:50	6.9	271	6	9.1	0.0	27.6	75
01/03/2024 06:00	5.7	278	6	8.6	0.0	27.6	75
01/03/2024 06:10	5.4	279	6	7.5	0.0	27.6	75
01/03/2024 06:20	6.7	268	6	9.0	0.0	27.7	75
01/03/2024 06:30	7.1	265	6	9.1	0.0	27.8	76
01/03/2024 06:40	7.1	258	4	9.0	0.0	27.7	75
01/03/2024 06:50	7.1	263	6	9.3	0.0	27.7	75
01/03/2024 07:00	7.3	264	7	10.3	0.0	27.7	74
01/03/2024 07:10	8.3	266	6	11.0	0.0	27.8	73
01/03/2024 07:20	7.4	262	5	9.9	0.0	27.9	73
01/03/2024 07:30	6.8	259	7	8.9	0.0	28.0	73
01/03/2024 07:40	6.7	256	6	8.5	0.0	27.9	72
01/03/2024 07:50	7.1	256	5	9.0	0.0	28.0	71
01/03/2024 08:00	6.4	257	7	8.4	0.0	28.1	70
01/03/2024 08:10	6.7	259	6	8.3	0.0	28.3	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/03/2024 08:20	6.7	262	6	8.9	0.0	28.5	68
01/03/2024 08:30	7.8	269	6	9.4	0.0	28.8	67
01/03/2024 08:40	7.7	274	6	9.8	0.0	29.4	65
01/03/2024 08:50	8.3	268	7	11.0	0.0	29.4	66
01/03/2024 09:00	8.0	271	7	10.8	0.0	29.7	65
01/03/2024 09:10	8.8	272	8	10.8	0.0	29.5	66
01/03/2024 09:20	9.0	270	6	11.6	0.0	29.5	66
01/03/2024 09:30	9.2	271	8	11.5	0.0	29.8	66
01/03/2024 09:40	8.6	271	8	11.5	0.0	30.3	64
01/03/2024 09:50	9.3	270	8	11.7	0.0	30.1	64
01/03/2024 10:00	8.6	272	9	11.0	0.0	30.4	64
01/03/2024 10:10	9.1	272	8	11.8	0.0	30.5	65
01/03/2024 10:20	8.9	263	9	11.0	0.0	30.5	66
01/03/2024 10:30	8.6	268	7	11.1	0.0	30.3	67
01/03/2024 10:40	8.3	271	9	11.8	0.0	31.0	65
01/03/2024 10:50	8.4	275	8	11.7	0.0	30.9	65
01/03/2024 11:00	9.0	276	7	11.1	0.0	30.8	66
01/03/2024 11:10	9.8	269	7	12.6	0.0	30.4	69
01/03/2024 11:20	9.6	270	9	12.1	0.0	30.6	67
01/03/2024 11:30	9.2	274	6	11.4	0.0	30.8	69
01/03/2024 11:40	9.1	274	8	11.6	0.0	30.7	69
01/03/2024 11:50	9.0	273	11	11.4	0.0	30.9	70
01/03/2024 12:00	8.9	273	9	11.6	0.0	31.3	67
01/03/2024 12:10	9.3	271	9	11.6	0.0	30.9	68
01/03/2024 12:20	9.2	276	8	11.6	0.0	30.4	71
01/03/2024 12:30	8.7	275	8	10.8	0.0	30.6	69
01/03/2024 12:40	8.6	274	8	10.6	0.0	30.5	70
01/03/2024 12:50	8.0	275	8	11.1	0.0	30.6	70
01/03/2024 13:00	8.5	272	8	10.8	0.0	31.1	67
01/03/2024 13:10	8.2	270	8	10.5	0.0	30.8	69
01/03/2024 13:20	8.1	270	8	10.5	0.0	31.0	69
01/03/2024 13:30	8.6	280	7	10.7	0.0	31.0	65
01/03/2024 13:40	8.2	272	8	10.4	0.0	31.2	66
01/03/2024 13:50	8.8	267	5	10.7	0.0	31.1	66
01/03/2024 14:00	8.2	268	8	10.9	0.0	31.2	66
01/03/2024 14:10	8.5	271	5	10.7	0.0	31.1	65
01/03/2024 14:20	8.8	269	6	10.9	0.0	31.0	66
01/03/2024 14:30	8.1	273	7	11.0	0.0	31.4	65
01/03/2024 14:40	7.8	271	9	10.0	0.0	31.7	64
01/03/2024 14:50	7.9	276	9	10.0	0.0	31.7	63
01/03/2024 15:00	8.7	285	8	11.4	0.0	32.0	60
01/03/2024 15:10	8.6	287	7	11.3	0.0	31.9	60
01/03/2024 15:20	8.4	293	7	11.1	0.0	31.6	62
01/03/2024 15:30	9.4	297	6	11.9	0.0	31.3	61
01/03/2024 15:40	8.9	295	8	11.6	0.0	31.8	58
01/03/2024 15:50	8.8	287	9	11.8	0.0	32.0	59
01/03/2024 16:00	9.4	272	7	12.0	0.0	31.9	59
01/03/2024 16:10	9.6	270	7	12.6	0.0	31.8	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/03/2024 16:20	8.5	269	7	11.3	0.0	31.7	59
01/03/2024 16:30	8.6	272	8	11.1	0.0	31.8	59
01/03/2024 16:40	8.2	275	7	10.9	0.0	31.8	58
01/03/2024 16:50	9.1	269	6	11.7	0.0	31.4	57
01/03/2024 17:00	9.1	272	6	11.6	0.0	31.6	54
01/03/2024 17:10	8.0	280	9	10.9	0.0	31.9	51
01/03/2024 17:20	8.0	277	9	10.8	0.0	32.0	49
01/03/2024 17:30	8.7	283	8	11.9	0.0	31.6	51
01/03/2024 17:40	8.4	279	7	11.5	0.0	31.5	52
01/03/2024 17:50	8.1	277	7	10.6	0.0	31.3	53
01/03/2024 18:00	8.8	277	7	11.5	0.0	30.9	55
01/03/2024 18:10	9.5	278	6	12.8	0.0	30.4	57
01/03/2024 18:20	9.4	279	6	12.2	0.0	30.0	61
01/03/2024 18:30	8.4	284	8	11.3	0.0	29.7	64
01/03/2024 18:40	8.3	287	8	11.3	0.0	29.3	67
01/03/2024 18:50	7.8	283	7	10.2	0.0	29.1	69
01/03/2024 19:00	8.3	275	8	12.5	0.0	29.0	68
01/03/2024 19:10	10.3	278	6	12.9	0.0	28.6	70
01/03/2024 19:20	9.8	276	6	12.0	0.0	28.5	73
01/03/2024 19:30	9.8	279	6	12.3	0.0	28.4	74
01/03/2024 19:40	9.5	281	6	11.8	0.0	28.4	74
01/03/2024 19:50	9.1	280	6	12.8	0.0	28.4	74
01/03/2024 20:00	9.4	277	5	11.9	0.0	28.4	74
01/03/2024 20:10	9.1	279	6	11.5	0.0	28.3	75
01/03/2024 20:20	9.2	276	6	11.8	0.0	28.3	76
01/03/2024 20:30	9.1	278	6	12.4	0.0	28.2	77
01/03/2024 20:40	9.6	274	6	12.5	0.0	28.2	76
01/03/2024 20:50	9.1	275	6	11.5	0.0	28.1	77
01/03/2024 21:00	10.2	277	5	12.6	0.0	27.9	79
01/03/2024 21:10	10.1	276	4	12.7	0.0	27.8	80
01/03/2024 21:20	9.7	275	5	12.4	0.0	27.8	82
01/03/2024 21:30	9.0	276	5	11.6	0.0	27.8	83
01/03/2024 21:40	9.3	279	5	11.9	0.0	27.7	84
01/03/2024 21:50	9.6	278	6	12.2	0.0	27.6	85
01/03/2024 22:00	9.9	278	5	12.1	0.0	27.6	85
01/03/2024 22:10	9.2	277	6	11.7	0.0	27.6	85
01/03/2024 22:20	9.2	277	5	11.8	0.0	27.6	85
01/03/2024 22:30	9.2	277	5	11.6	0.0	27.6	86
01/03/2024 22:40	8.8	277	6	11.4	0.0	27.6	86
01/03/2024 22:50	8.3	276	5	11.5	0.0	27.7	86
01/03/2024 23:00	8.4	278	6	11.3	0.0	27.7	86
01/03/2024 23:10	8.6	279	5	11.0	0.0	27.8	86
01/03/2024 23:20	8.4	276	5	11.0	0.0	27.8	86
01/03/2024 23:30	8.7	276	6	10.8	0.0	27.9	86
01/03/2024 23:40	8.3	279	5	11.1	0.0	28.0	86
01/03/2024 23:50	8.2	280	5	11.3	0.0	28.0	86
02/03/2024 00:00	8.1	280	6	10.7	0.0	28.0	86
02/03/2024 00:10	7.7	275	6	11.0	0.0	28.2	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/03/2024 00:20	8.5	271	7	11.4	0.0	28.3	85
02/03/2024 00:30	7.8	274	6	11.0	0.0	28.3	85
02/03/2024 00:40	8.6	271	6	11.2	0.0	28.4	83
02/03/2024 00:50	7.5	273	7	10.7	0.0	28.4	84
02/03/2024 01:00	7.5	277	7	10.3	0.0	28.3	86
02/03/2024 01:10	8.1	274	6	11.1	0.0	28.4	84
02/03/2024 01:20	8.9	275	6	11.2	0.0	28.5	81
02/03/2024 01:30	8.8	277	6	12.0	0.0	28.5	80
02/03/2024 01:40	8.4	272	6	11.8	0.0	28.5	78
02/03/2024 01:50	8.4	271	7	11.0	0.0	28.5	78
02/03/2024 02:00	7.8	270	5	10.3	0.0	28.5	79
02/03/2024 02:10	8.1	273	6	11.0	0.0	28.4	78
02/03/2024 02:20	8.0	272	6	11.1	0.0	28.5	77
02/03/2024 02:30	8.8	271	6	11.5	0.0	28.5	75
02/03/2024 02:40	7.8	270	6	10.2	0.0	28.5	77
02/03/2024 02:50	8.4	271	7	10.9	0.0	28.5	75
02/03/2024 03:00	8.5	272	6	11.4	0.0	28.5	74
02/03/2024 03:10	9.3	272	7	12.3	0.0	28.5	74
02/03/2024 03:20	8.8	272	6	11.8	0.0	28.5	74
02/03/2024 03:30	8.8	268	6	11.6	0.0	28.4	74
02/03/2024 03:40	8.7	267	6	11.6	0.0	28.4	73
02/03/2024 03:50	9.3	267	7	11.7	0.0	28.4	73
02/03/2024 04:00	9.1	267	6	11.8	0.0	28.4	74
02/03/2024 04:10	8.3	267	6	10.8	0.0	28.3	73
02/03/2024 04:20	8.7	266	6	11.0	0.0	28.3	72
02/03/2024 04:30	8.7	268	6	11.5	0.0	28.3	74
02/03/2024 04:40	8.9	266	6	11.5	0.0	28.2	73
02/03/2024 04:50	8.5	266	6	11.0	0.0	28.2	73
02/03/2024 05:00	7.1	266	6	9.8	0.0	28.2	73
02/03/2024 05:10	7.7	267	7	10.2	0.0	28.2	74
02/03/2024 05:20	8.1	270	6	11.7	0.0	28.2	74
02/03/2024 05:30	7.7	268	5	10.4	0.0	28.1	75
02/03/2024 05:40	7.8	268	6	10.5	0.0	28.2	74
02/03/2024 05:50	8.0	266	6	10.9	0.0	28.1	75
02/03/2024 06:00	9.2	266	6	11.9	0.0	28.1	75
02/03/2024 06:10	9.1	266	5	11.9	0.0	28.1	76
02/03/2024 06:20	8.6	264	6	11.5	0.0	28.0	76
02/03/2024 06:30	8.8	263	5	11.3	0.0	28.0	76
02/03/2024 06:40	8.5	260	5	11.5	0.0	28.0	76
02/03/2024 06:50	7.9	262	7	10.6	0.0	28.0	77
02/03/2024 07:00	7.6	259	7	9.9	0.0	28.1	75
02/03/2024 07:10	6.0	258	8	8.1	0.0	28.2	73
02/03/2024 07:20	6.2	257	6	8.1	0.0	28.2	73
02/03/2024 07:30	6.6	253	8	8.7	0.0	28.4	70
02/03/2024 07:40	6.1	246	10	8.3	0.0	28.5	67
02/03/2024 07:50	5.8	235	8	7.8	0.0	28.7	63
02/03/2024 08:00	6.4	252	9	8.5	0.0	28.8	62
02/03/2024 08:10	5.9	243	10	7.9	0.0	28.9	61



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/03/2024 08:20	5.8	253	8	7.7	0.0	29.0	61
02/03/2024 08:30	5.3	254	8	7.1	0.0	29.4	58
02/03/2024 08:40	5.5	259	7	6.9	0.0	29.6	58
02/03/2024 08:50	4.9	262	10	6.1	0.0	29.9	58
02/03/2024 09:00	5.4	269	7	7.1	0.0	29.7	59
02/03/2024 09:10	4.9	275	7	6.3	0.0	30.2	56
02/03/2024 09:20	4.8	270	12	6.1	0.0	30.5	55
02/03/2024 09:30	3.9	279	14	5.5	0.0	30.8	54
02/03/2024 09:40	3.7	293	13	5.0	0.0	31.0	55
02/03/2024 09:50	3.2	291	13	4.4	0.0	30.9	56
02/03/2024 10:00	2.0	274	23	3.5	0.0	31.4	54
02/03/2024 10:10	2.1	148	58	4.6	0.0	32.1	50
02/03/2024 10:20	3.6	100	19	5.6	0.0	32.2	48
02/03/2024 10:30	3.8	78	14	5.9	0.0	31.5	50
02/03/2024 10:40	3.2	82	16	4.8	0.0	31.3	51
02/03/2024 10:50	2.9	112	24	4.6	0.0	31.4	51
02/03/2024 11:00	3.0	112	15	4.9	0.0	32.0	49
02/03/2024 11:10	4.4	80	12	6.8	0.0	31.9	50
02/03/2024 11:20	3.4	48	21	5.1	0.0	31.7	51
02/03/2024 11:30	4.5	337	22	6.5	0.0	32.8	50
02/03/2024 11:40	4.6	313	13	6.7	0.0	31.7	56
02/03/2024 11:50	3.5	309	18	5.9	0.0	32.2	54
02/03/2024 12:00	2.7	322	32	5.1	0.0	32.9	49
02/03/2024 12:10	3.7	301	28	6.2	0.0	32.7	52
02/03/2024 12:20	4.3	311	18	6.8	0.0	32.9	53
02/03/2024 12:30	5.9	315	14	8.1	0.0	31.9	60
02/03/2024 12:40	6.4	319	13	8.5	0.0	30.9	66
02/03/2024 12:50	6.2	316	13	8.7	0.0	31.3	66
02/03/2024 13:00	6.7	314	10	9.1	0.0	30.7	67
02/03/2024 13:10	7.2	314	10	9.9	0.0	30.4	69
02/03/2024 13:20	6.6	308	12	9.3	0.0	30.4	69
02/03/2024 13:30	8.2	305	8	10.8	0.0	30.1	69
02/03/2024 13:40	8.2	312	10	10.9	0.0	29.8	72
02/03/2024 13:50	8.2	311	10	11.3	0.0	29.6	73
02/03/2024 14:00	7.4	302	12	10.1	0.0	29.9	72
02/03/2024 14:10	7.1	293	10	9.8	0.0	29.7	71
02/03/2024 14:20	7.1	297	10	10.0	0.0	29.6	71
02/03/2024 14:30	7.4	286	7	9.9	0.0	30.3	67
02/03/2024 14:40	7.9	288	7	10.3	0.0	30.1	68
02/03/2024 14:50	8.2	289	6	10.4	0.0	29.8	71
02/03/2024 15:00	8.7	293	7	10.8	0.0	29.5	72
02/03/2024 15:10	8.6	278	9	11.4	0.0	29.4	74
02/03/2024 15:20	8.8	268	8	11.9	0.0	29.3	73
02/03/2024 15:30	8.8	267	8	12.0	0.0	29.0	74
02/03/2024 15:40	8.3	269	9	10.8	0.0	29.1	73
02/03/2024 15:50	8.1	266	7	10.5	0.0	29.0	74
02/03/2024 16:00	7.7	269	9	10.1	0.0	28.9	74
02/03/2024 16:10	7.6	267	10	9.9	0.0	28.9	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/03/2024 16:20	7.3	268	8	9.3	0.0	28.9	74
02/03/2024 16:30	7.8	268	8	9.9	0.0	28.7	74
02/03/2024 16:40	7.9	272	7	9.8	0.0	28.6	74
02/03/2024 16:50	7.7	269	8	10.2	0.0	28.8	73
02/03/2024 17:00	8.2	270	8	10.4	0.0	28.6	73
02/03/2024 17:10	7.9	271	8	10.4	0.0	28.7	73
02/03/2024 17:20	7.7	275	10	9.8	0.0	28.7	72
02/03/2024 17:30	6.5	286	10	9.8	0.0	28.8	73
02/03/2024 17:40	7.7	288	8	10.6	0.0	28.3	74
02/03/2024 17:50	7.9	288	7	10.4	0.0	28.0	76
02/03/2024 18:00	8.2	288	9	10.7	0.0	27.8	76
02/03/2024 18:10	8.5	288	7	10.8	0.0	27.5	77
02/03/2024 18:20	8.4	292	6	10.9	0.0	27.4	78
02/03/2024 18:30	8.0	290	7	10.6	0.0	27.3	78
02/03/2024 18:40	8.1	292	7	10.6	0.0	27.3	78
02/03/2024 18:50	7.4	282	7	10.0	0.0	27.4	77
02/03/2024 19:00	7.2	283	8	10.0	0.0	27.4	77
02/03/2024 19:10	7.6	288	7	10.3	0.0	27.2	78
02/03/2024 19:20	6.8	284	8	8.9	0.0	27.3	79
02/03/2024 19:30	7.0	280	7	9.5	0.0	27.4	78
02/03/2024 19:40	8.1	279	6	9.8	0.0	27.3	79
02/03/2024 19:50	7.6	281	6	10.0	0.0	27.3	80
02/03/2024 20:00	7.1	279	7	9.2	0.0	27.2	81
02/03/2024 20:10	7.7	276	6	10.7	0.0	27.3	81
02/03/2024 20:20	7.6	278	7	10.6	0.0	27.2	81
02/03/2024 20:30	7.7	272	8	10.2	0.0	27.3	81
02/03/2024 20:40	6.9	279	5	8.8	0.0	27.3	82
02/03/2024 20:50	6.1	273	8	8.1	0.0	27.4	82
02/03/2024 21:00	6.6	274	7	8.6	0.0	27.4	82
02/03/2024 21:10	6.0	278	6	7.8	0.0	27.4	82
02/03/2024 21:20	6.5	278	6	8.4	0.0	27.5	82
02/03/2024 21:30	6.7	273	6	8.4	0.0	27.5	82
02/03/2024 21:40	6.0	276	6	8.2	0.0	27.5	82
02/03/2024 21:50	6.5	276	7	8.5	0.0	27.4	83
02/03/2024 22:00	6.2	281	5	8.3	0.0	27.4	83
02/03/2024 22:10	6.3	276	6	8.1	0.0	27.3	84
02/03/2024 22:20	6.1	270	6	8.3	0.0	27.3	84
02/03/2024 22:30	6.2	278	6	8.4	0.0	27.3	85
02/03/2024 22:40	5.9	279	7	8.1	0.0	27.3	85
02/03/2024 22:50	5.5	280	7	7.4	0.0	27.3	85
02/03/2024 23:00	5.7	287	6	7.5	0.0	27.2	86
02/03/2024 23:10	5.5	283	8	8.0	0.0	27.2	86
02/03/2024 23:20	5.3	283	7	6.8	0.0	27.2	86
02/03/2024 23:30	4.9	283	7	6.2	0.0	27.2	86
02/03/2024 23:40	5.2	291	6	6.8	0.0	27.2	86
02/03/2024 23:50	5.2	286	7	6.8	0.0	27.1	86
03/03/2024 00:00	5.7	289	7	7.5	0.0	27.0	86
03/03/2024 00:10	5.1	289	6	6.7	0.0	26.9	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/03/2024 00:20	5.7	290	6	7.6	0.0	26.9	86
03/03/2024 00:30	5.5	292	8	7.3	0.0	26.9	86
03/03/2024 00:40	5.6	293	7	7.2	0.0	26.8	86
03/03/2024 00:50	5.6	287	7	7.4	0.0	26.8	86
03/03/2024 01:00	5.2	286	8	7.4	0.0	26.8	86
03/03/2024 01:10	4.7	284	7	6.1	0.0	26.7	87
03/03/2024 01:20	5.3	290	7	7.2	0.0	26.7	87
03/03/2024 01:30	5.7	284	6	7.8	0.0	26.7	87
03/03/2024 01:40	5.7	283	7	8.2	0.0	26.7	87
03/03/2024 01:50	5.5	285	8	7.8	0.0	26.8	87
03/03/2024 02:00	5.6	287	7	7.4	0.0	26.8	87
03/03/2024 02:10	5.7	294	8	7.6	0.0	26.7	87
03/03/2024 02:20	5.2	285	7	7.4	0.0	26.7	87
03/03/2024 02:30	5.2	291	6	7.9	0.0	26.7	87
03/03/2024 02:40	5.6	290	6	7.7	0.0	26.7	88
03/03/2024 02:50	4.8	285	8	6.4	0.0	26.7	88
03/03/2024 03:00	5.0	285	6	6.8	0.0	26.8	87
03/03/2024 03:10	5.4	283	6	7.9	0.0	26.9	87
03/03/2024 03:20	5.4	283	7	7.4	0.0	26.9	87
03/03/2024 03:30	5.3	283	7	7.1	0.0	27.0	87
03/03/2024 03:40	5.0	289	7	6.4	0.0	26.9	88
03/03/2024 03:50	5.3	285	8	6.8	0.0	26.9	88
03/03/2024 04:00	5.2	282	6	6.7	0.0	26.9	88
03/03/2024 04:10	5.3	287	6	7.2	0.0	26.9	88
03/03/2024 04:20	4.8	291	7	6.4	0.0	26.9	88
03/03/2024 04:30	5.1	294	7	6.6	0.0	26.8	89
03/03/2024 04:40	4.7	295	6	6.0	0.0	26.8	89
03/03/2024 04:50	4.7	294	7	6.2	0.0	26.8	89
03/03/2024 05:00	4.5	296	5	6.0	0.0	26.8	89
03/03/2024 05:10	4.6	294	7	6.1	0.0	26.8	89
03/03/2024 05:20	5.1	295	6	6.9	0.0	26.9	89
03/03/2024 05:30	4.9	296	6	6.4	0.0	27.0	88
03/03/2024 05:40	4.8	294	7	6.4	0.0	27.2	88
03/03/2024 05:50	4.8	299	8	6.7	0.0	27.2	87
03/03/2024 06:00	4.8	293	6	6.0	0.0	27.2	87
03/03/2024 06:10	4.5	291	7	6.0	0.0	27.2	87
03/03/2024 06:20	4.7	284	6	6.3	0.0	27.3	86
03/03/2024 06:30	4.3	284	5	5.4	0.0	27.3	86
03/03/2024 06:40	4.8	282	6	6.3	0.0	27.4	86
03/03/2024 06:50	5.4	275	6	7.4	0.0	27.7	84
03/03/2024 07:00	5.5	276	7	7.3	0.0	28.0	82
03/03/2024 07:10	6.0	280	6	8.0	0.0	28.1	82
03/03/2024 07:20	5.8	280	6	7.6	0.0	28.2	82
03/03/2024 07:30	6.1	283	6	7.7	0.0	28.2	82
03/03/2024 07:40	5.8	278	9	7.6	0.0	28.3	82
03/03/2024 07:50	5.9	279	8	7.3	0.0	28.5	81
03/03/2024 08:00	5.9	277	7	7.8	0.0	28.7	80
03/03/2024 08:10	5.3	285	6	7.1	0.0	28.9	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/03/2024 08:20	5.5	286	7	7.0	0.0	28.8	78
03/03/2024 08:30	5.6	283	7	7.3	0.0	29.2	76
03/03/2024 08:40	5.7	280	8	7.3	0.0	29.4	72
03/03/2024 08:50	5.5	272	10	7.2	0.0	29.6	69
03/03/2024 09:00	5.2	270	10	7.1	0.0	29.9	68
03/03/2024 09:10	5.6	287	8	6.7	0.0	29.8	68
03/03/2024 09:20	5.6	279	8	7.1	0.0	30.0	67
03/03/2024 09:30	5.5	269	12	7.2	0.0	30.0	67
03/03/2024 09:40	5.2	277	12	6.8	0.0	30.5	65
03/03/2024 09:50	5.5	278	10	7.7	0.0	30.4	65
03/03/2024 10:00	5.8	281	10	7.5	0.0	30.5	66
03/03/2024 10:10	5.6	279	9	7.4	0.0	30.8	64
03/03/2024 10:20	5.7	268	11	7.8	0.0	30.8	66
03/03/2024 10:30	5.1	270	12	7.0	0.0	30.5	66
03/03/2024 10:40	4.6	286	15	6.0	0.0	30.8	64
03/03/2024 10:50	4.1	281	13	5.9	0.0	31.1	62
03/03/2024 11:00	4.0	270	13	5.8	0.0	31.1	62
03/03/2024 11:10	4.6	282	14	6.7	0.0	31.2	62
03/03/2024 11:20	4.5	273	12	6.2	0.0	31.9	59
03/03/2024 11:30	5.1	270	12	7.5	0.0	31.9	60
03/03/2024 11:40	5.2	270	13	7.1	0.0	31.8	61
03/03/2024 11:50	5.1	278	10	7.2	0.0	32.1	60
03/03/2024 12:00	5.4	277	19	8.3	0.0	32.7	59
03/03/2024 12:10	6.7	278	10	8.8	0.0	32.0	63
03/03/2024 12:20	6.7	284	11	9.1	0.0	31.6	64
03/03/2024 12:30	5.9	279	11	8.0	0.0	31.5	65
03/03/2024 12:40	6.1	279	10	8.4	0.0	31.9	64
03/03/2024 12:50	6.4	291	10	8.8	0.0	32.0	64
03/03/2024 13:00	6.5	289	16	8.7	0.0	31.5	65
03/03/2024 13:10	6.3	278	13	8.8	0.0	31.7	65
03/03/2024 13:20	6.6	276	11	9.4	0.0	31.6	65
03/03/2024 13:30	5.9	277	10	9.0	0.0	31.6	65
03/03/2024 13:40	6.5	282	10	9.2	0.0	31.7	64
03/03/2024 13:50	6.1	288	12	8.6	0.0	31.7	62
03/03/2024 14:00	6.1	288	10	7.8	0.0	31.6	60
03/03/2024 14:10	5.8	279	9	7.8	0.0	31.8	59
03/03/2024 14:20	5.9	281	9	7.9	0.0	31.7	59
03/03/2024 14:30	6.0	288	9	7.8	0.0	31.5	60
03/03/2024 14:40	6.7	279	13	8.8	0.0	31.6	64
03/03/2024 14:50	6.8	281	10	8.9	0.0	31.3	65
03/03/2024 15:00	6.5	287	12	8.9	0.0	31.4	63
03/03/2024 15:10	6.3	293	8	8.6	0.0	31.4	60
03/03/2024 15:20	5.9	291	10	7.8	0.0	31.8	57
03/03/2024 15:30	5.7	293	10	7.8	0.0	31.8	57
03/03/2024 15:40	6.1	307	11	7.9	0.0	31.9	59
03/03/2024 15:50	6.5	304	11	9.3	0.0	30.8	63
03/03/2024 16:00	6.0	302	12	8.8	0.0	31.1	62
03/03/2024 16:10	7.0	304	8	9.8	0.0	30.6	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/03/2024 16:20	6.0	307	13	8.2	0.0	30.2	68
03/03/2024 16:30	6.5	302	11	9.1	0.0	30.2	68
03/03/2024 16:40	6.1	300	11	9.4	0.0	30.3	67
03/03/2024 16:50	6.3	302	12	9.1	0.0	30.0	68
03/03/2024 17:00	6.9	295	11	9.8	0.0	29.6	71
03/03/2024 17:10	7.1	291	10	9.7	0.0	29.2	73
03/03/2024 17:20	7.1	292	10	9.6	0.0	28.9	74
03/03/2024 17:30	8.0	287	7	10.6	0.0	28.5	76
03/03/2024 17:40	8.0	288	7	10.6	0.0	28.5	76
03/03/2024 17:50	8.2	287	5	10.2	0.0	28.4	76
03/03/2024 18:00	8.2	290	7	10.3	0.0	28.1	78
03/03/2024 18:10	7.5	292	7	9.8	0.0	28.1	78
03/03/2024 18:20	6.9	286	8	9.1	0.0	28.2	77
03/03/2024 18:30	6.3	283	6	8.9	0.0	28.1	77
03/03/2024 18:40	6.7	265	8	8.5	0.0	28.1	79
03/03/2024 18:50	7.1	265	6	8.8	0.0	27.8	80
03/03/2024 19:00	5.9	273	9	8.3	0.0	27.7	81
03/03/2024 19:10	5.7	272	8	7.4	0.0	27.7	81
03/03/2024 19:20	4.7	265	8	6.2	0.0	27.8	81
03/03/2024 19:30	4.2	262	8	5.3	0.0	27.8	80
03/03/2024 19:40	2.9	258	11	3.8	0.0	28.0	78
03/03/2024 19:50	2.7	281	8	3.5	0.0	28.4	71
03/03/2024 20:00	2.6	302	11	3.2	0.0	28.4	73
03/03/2024 20:10	2.4	308	13	3.3	0.0	28.3	75
03/03/2024 20:20	2.4	325	15	3.6	0.0	28.4	74
03/03/2024 20:30	3.7	315	8	4.9	0.0	28.3	77
03/03/2024 20:40	2.9	319	13	4.2	0.0	28.2	77
03/03/2024 20:50	3.1	317	11	4.2	0.0	28.3	74
03/03/2024 21:00	4.6	312	7	5.9	0.0	28.3	75
03/03/2024 21:10	4.8	308	7	6.5	0.0	28.1	78
03/03/2024 21:20	4.6	312	9	6.4	0.0	28.0	79
03/03/2024 21:30	4.4	299	9	6.3	0.0	28.0	80
03/03/2024 21:40	5.0	293	8	6.7	0.0	27.8	80
03/03/2024 21:50	4.1	291	11	6.3	0.0	27.8	80
03/03/2024 22:00	4.7	290	7	5.8	0.0	27.5	82
03/03/2024 22:10	2.5	295	11	4.0	0.0	27.5	82
03/03/2024 22:20	3.5	290	8	4.9	0.0	27.5	83
03/03/2024 22:30	2.2	282	12	3.3	0.0	27.4	82
03/03/2024 22:40	3.1	289	8	4.4	0.0	27.4	83
03/03/2024 22:50	3.7	289	7	5.0	0.0	27.4	83
03/03/2024 23:00	3.3	288	8	4.6	0.0	27.4	83
03/03/2024 23:10	2.7	301	11	4.3	0.0	27.3	83
03/03/2024 23:20	3.3	302	10	4.6	0.0	27.3	83
03/03/2024 23:30	3.9	285	7	5.2	0.0	27.3	84
03/03/2024 23:40	4.8	289	6	6.0	0.0	27.2	84
03/03/2024 23:50	5.1	284	6	6.9	0.0	27.1	85
04/03/2024 00:00	6.0	280	6	7.7	0.0	27.1	85
04/03/2024 00:10	5.2	278	7	6.6	0.0	27.1	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/03/2024 00:20	5.5	275	6	7.5	0.0	27.0	85
04/03/2024 00:30	3.9	283	9	5.4	0.0	27.0	85
04/03/2024 00:40	4.7	287	7	6.1	0.0	27.0	85
04/03/2024 00:50	4.9	289	6	6.1	0.0	27.0	86
04/03/2024 01:00	4.9	287	5	6.2	0.0	26.9	86
04/03/2024 01:10	4.1	282	7	5.3	0.0	26.9	86
04/03/2024 01:20	3.3	286	8	4.4	0.0	26.9	85
04/03/2024 01:30	3.2	284	6	4.5	0.0	26.9	85
04/03/2024 01:40	3.5	282	9	4.7	0.0	26.9	85
04/03/2024 01:50	3.9	269	6	5.1	0.0	27.0	85
04/03/2024 02:00	4.5	268	7	5.7	0.0	27.0	86
04/03/2024 02:10	4.6	266	7	5.9	0.0	27.0	86
04/03/2024 02:20	3.6	271	8	4.9	0.0	27.0	87
04/03/2024 02:30	2.6	277	10	3.5	0.0	27.0	87
04/03/2024 02:40	1.9	269	13	2.8	0.0	27.1	87
04/03/2024 02:50	1.5	288	9	2.0	0.0	27.1	87
04/03/2024 03:00	1.1	318	16	1.6	0.0	27.1	87
04/03/2024 03:10	0.5	57	41	1.0	0.0	27.1	87
04/03/2024 03:20	1.0	216	56	1.6	0.0	27.1	87
04/03/2024 03:30	2.4	318	7	3.2	0.0	27.2	86
04/03/2024 03:40	2.3	332	11	3.2	0.0	27.1	86
04/03/2024 03:50	2.9	310	9	4.0	0.0	27.0	86
04/03/2024 04:00	2.9	308	12	4.5	0.0	27.0	86
04/03/2024 04:10	4.6	318	10	6.0	0.0	27.0	86
04/03/2024 04:20	5.2	314	9	7.1	0.0	26.9	87
04/03/2024 04:30	4.2	314	11	6.3	0.0	26.9	87
04/03/2024 04:40	4.3	312	10	5.9	0.0	26.8	87
04/03/2024 04:50	3.1	312	12	4.7	0.0	26.8	88
04/03/2024 05:00	2.2	305	14	3.6	0.0	26.8	87
04/03/2024 05:10	1.4	301	19	2.2	0.0	26.8	87
04/03/2024 05:20	0.9	247	24	1.4	0.0	26.8	87
04/03/2024 05:30	0.9	232	19	1.5	0.0	26.8	87
04/03/2024 05:40	0.8	283	23	1.6	0.0	26.9	87
04/03/2024 05:50	0.7	114	46	1.2	0.0	26.9	87
04/03/2024 06:00	1.1	64	40	1.7	0.0	26.9	87
04/03/2024 06:10	1.6	9	8	1.9	0.0	26.9	87
04/03/2024 06:20	1.6	25	9	2.0	0.0	26.8	87
04/03/2024 06:30	1.5	33	8	2.0	0.0	26.8	87
04/03/2024 06:40	1.7	21	8	2.2	0.0	26.9	87
04/03/2024 06:50	1.8	181	16	2.7	0.0	27.0	87
04/03/2024 07:00	2.7	328	6	3.5	0.0	27.2	86
04/03/2024 07:10	3.8	326	6	4.8	0.0	27.4	86
04/03/2024 07:20	5.0	322	7	6.4	0.0	27.5	85
04/03/2024 07:30	5.1	310	9	6.8	0.0	27.5	85
04/03/2024 07:40	4.9	306	10	7.1	0.0	27.6	85
04/03/2024 07:50	4.6	307	10	6.6	0.0	27.9	83
04/03/2024 08:00	4.0	312	9	5.5	0.0	27.8	83
04/03/2024 08:10	3.7	274	10	5.3	0.0	28.1	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/03/2024 08:20	3.5	264	16	5.3	0.0	28.3	81
04/03/2024 08:30	2.9	266	13	4.4	0.0	28.5	80
04/03/2024 08:40	3.0	267	17	4.6	0.0	28.5	80
04/03/2024 08:50	2.4	284	21	4.0	0.0	28.6	79
04/03/2024 09:00	2.6	278	18	3.9	0.0	29.0	77
04/03/2024 09:10	2.3	257	18	3.9	0.0	29.1	76
04/03/2024 09:20	2.9	251	17	4.1	0.0	29.3	75
04/03/2024 09:30	2.5	282	16	4.1	0.0	29.7	74
04/03/2024 09:40	1.5	255	40	2.8	0.0	30.3	71
04/03/2024 09:50	1.6	185	44	2.8	0.0	31.0	68
04/03/2024 10:00	2.4	132	20	3.6	0.0	31.5	67
04/03/2024 10:10	2.2	123	27	3.8	0.0	31.6	67
04/03/2024 10:20	2.7	134	17	4.0	0.0	31.6	67
04/03/2024 10:30	3.3	124	15	4.6	0.0	31.2	69
04/03/2024 10:40	3.1	101	19	4.7	0.0	32.0	66
04/03/2024 10:50	3.6	104	23	5.3	0.0	32.0	66
04/03/2024 11:00	3.6	103	18	5.2	0.0	32.3	64
04/03/2024 11:10	3.8	90	13	5.4	0.0	32.3	63
04/03/2024 11:20	3.1	51	21	5.0	0.0	32.4	62
04/03/2024 11:30	2.8	48	25	4.7	0.0	32.7	58
04/03/2024 11:40	3.0	50	17	4.8	0.0	32.6	58
04/03/2024 11:50	3.4	47	13	5.0	0.0	32.9	57
04/03/2024 12:00	3.8	61	17	5.7	0.0	33.1	58
04/03/2024 12:10	4.6	65	15	6.7	0.0	33.0	59
04/03/2024 12:20	3.9	62	16	6.3	0.0	33.0	59
04/03/2024 12:30	4.3	67	22	7.7	0.0	33.6	58
04/03/2024 12:40	3.6	20	21	5.8	0.0	33.7	59
04/03/2024 12:50	4.1	13	15	6.3	0.0	33.1	61
04/03/2024 13:00	4.5	40	19	6.7	0.0	33.1	62
04/03/2024 13:10	6.1	66	7	7.8	0.0	32.1	66
04/03/2024 13:20	6.5	62	8	8.0	0.0	31.9	67
04/03/2024 13:30	7.0	67	9	8.9	0.0	31.6	69
04/03/2024 13:40	7.2	69	8	9.7	0.0	31.4	69
04/03/2024 13:50	6.2	62	10	9.0	0.0	32.0	66
04/03/2024 14:00	5.2	19	20	7.3	0.0	32.2	65
04/03/2024 14:10	5.9	179	10	7.9	0.0	31.2	69
04/03/2024 14:20	5.8	7	16	8.2	0.0	31.8	66
04/03/2024 14:30	6.3	14	10	8.1	0.0	31.8	66
04/03/2024 14:40	6.8	10	11	9.3	0.0	31.4	68
04/03/2024 14:50	7.3	7	11	9.7	0.0	31.1	69
04/03/2024 15:00	7.6	179	10	9.9	0.0	30.7	71
04/03/2024 15:10	7.0	178	10	9.0	0.0	30.8	70
04/03/2024 15:20	6.8	5	10	8.7	0.0	30.8	70
04/03/2024 15:30	6.8	10	10	9.0	0.0	30.8	69
04/03/2024 15:40	6.7	5	10	8.7	0.0	30.6	68
04/03/2024 15:50	6.2	13	9	8.0	0.0	30.6	68
04/03/2024 16:00	6.8	18	6	8.5	0.0	30.5	67
04/03/2024 16:10	6.4	11	11	8.5	0.0	30.6	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/03/2024 16:20	6.0	12	12	8.9	0.0	30.7	69
04/03/2024 16:30	6.5	14	9	8.5	0.0	30.1	71
04/03/2024 16:40	6.2	177	17	9.0	0.0	30.1	73
04/03/2024 16:50	6.1	343	12	8.6	0.0	29.8	74
04/03/2024 17:00	6.2	347	11	8.5	0.0	29.2	77
04/03/2024 17:10	6.5	344	11	8.8	0.0	29.3	77
04/03/2024 17:20	6.6	341	11	8.9	0.0	28.9	78
04/03/2024 17:30	6.6	339	11	8.9	0.0	28.8	78
04/03/2024 17:40	7.0	337	9	9.4	0.0	28.5	79
04/03/2024 17:50	7.2	340	9	9.8	0.0	28.3	80
04/03/2024 18:00	6.1	331	11	9.2	0.0	28.2	80
04/03/2024 18:10	5.7	331	11	8.4	0.0	28.2	80
04/03/2024 18:20	5.8	318	13	8.6	0.0	28.1	80
04/03/2024 18:30	5.5	314	11	8.0	0.0	28.1	80
04/03/2024 18:40	5.4	311	11	7.6	0.0	28.1	80
04/03/2024 18:50	5.1	303	11	7.2	0.0	28.0	80
04/03/2024 19:00	4.4	302	15	6.7	0.0	28.0	80
04/03/2024 19:10	5.0	285	8	6.6	0.0	28.1	80
04/03/2024 19:20	5.3	279	7	6.9	0.0	28.0	80
04/03/2024 19:30	4.9	289	9	6.3	0.0	27.9	80
04/03/2024 19:40	4.1	300	14	6.4	0.0	28.0	80
04/03/2024 19:50	3.3	280	12	4.4	0.0	27.9	80
04/03/2024 20:00	2.8	269	10	3.8	0.0	28.0	80
04/03/2024 20:10	1.8	273	14	2.8	0.0	28.0	81
04/03/2024 20:20	2.8	219	22	3.9	0.0	28.2	80
04/03/2024 20:30	3.3	140	16	5.3	0.8	27.8	86
04/03/2024 20:40	3.6	128	20	5.9	4.0	26.7	93
04/03/2024 20:50	7.0	78	8	9.9	5.3	25.9	97
04/03/2024 21:00	8.1	79	7	11.2	2.0	25.4	98
04/03/2024 21:10	6.7	85	7	9.3	0.2	25.7	98
04/03/2024 21:20	5.9	101	12	9.4	0.6	26.1	96
04/03/2024 21:30	5.2	79	8	7.1	1.1	25.6	96
04/03/2024 21:40	4.1	55	9	5.7	0.6	25.5	96
04/03/2024 21:50	2.8	43	9	3.6	0.1	25.6	95
04/03/2024 22:00	2.8	56	11	3.8	0.0	25.8	95
04/03/2024 22:10	4.5	82	6	5.9	0.0	26.1	94
04/03/2024 22:20	4.8	86	8	6.8	0.1	26.4	92
04/03/2024 22:30	4.2	82	8	6.0	0.0	26.4	92
04/03/2024 22:40	3.9	81	6	5.0	0.0	26.5	92
04/03/2024 22:50	4.1	79	6	5.0	0.0	26.5	92
04/03/2024 23:00	2.8	73	7	3.7	0.0	26.5	92
04/03/2024 23:10	2.3	56	7	3.2	0.0	26.7	92
04/03/2024 23:20	2.4	50	8	3.2	0.0	26.7	92
04/03/2024 23:30	2.7	68	6	3.6	0.0	26.8	91
04/03/2024 23:40	2.2	53	7	3.0	0.0	26.8	92
04/03/2024 23:50	1.9	200	15	2.7	0.0	27.0	91
05/03/2024 00:00	1.9	24	12	2.5	0.0	27.1	89
05/03/2024 00:10	1.3	115	23	1.9	0.0	27.2	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/03/2024 00:20	2.1	104	12	3.0	0.0	27.3	86
05/03/2024 00:30	2.0	96	11	2.7	0.0	27.4	85
05/03/2024 00:40	1.3	92	15	1.9	0.0	27.4	85
05/03/2024 00:50	1.2	41	12	1.7	0.0	27.3	85
05/03/2024 01:00	0.9	66	12	1.3	0.0	27.2	86
05/03/2024 01:10	1.3	70	8	1.5	0.0	27.3	85
05/03/2024 01:20	0.9	100	23	1.2	0.0	27.3	85
05/03/2024 01:30	0.9	213	16	1.2	0.0	27.4	84
05/03/2024 01:40	0.9	284	21	1.4	0.0	27.4	85
05/03/2024 01:50	1.0	323	6	1.4	0.0	27.3	85
05/03/2024 02:00	1.4	352	8	1.7	0.0	27.2	87
05/03/2024 02:10	1.2	28	12	1.6	0.0	27.1	87
05/03/2024 02:20	1.1	53	12	1.4	0.0	27.1	88
05/03/2024 02:30	0.6	44	21	1.1	0.0	27.1	87
05/03/2024 02:40	0.7	112	36	1.1	0.0	27.2	86
05/03/2024 02:50	1.1	222	14	1.4	0.0	27.3	85
05/03/2024 03:00	1.3	241	13	1.8	0.0	27.4	85
05/03/2024 03:10	2.0	274	10	2.6	0.0	27.2	88
05/03/2024 03:20	1.7	274	8	2.2	0.0	27.0	89
05/03/2024 03:30	1.2	284	14	1.9	0.0	27.0	91
05/03/2024 03:40	1.1	291	9	1.5	0.0	26.9	92
05/03/2024 03:50	1.2	248	20	1.8	0.0	26.9	91
05/03/2024 04:00	0.9	242	26	1.3	0.0	27.1	90
05/03/2024 04:10	1.2	210	8	1.7	0.0	27.2	89
05/03/2024 04:20	0.9	250	32	1.5	0.0	27.2	89
05/03/2024 04:30	0.7	237	25	1.2	0.0	27.2	89
05/03/2024 04:40	0.8	285	29	1.3	0.0	27.3	88
05/03/2024 04:50	0.9	210	25	1.6	0.0	27.3	87
05/03/2024 05:00	1.0	115	35	1.5	0.0	27.4	86
05/03/2024 05:10	1.2	23	8	1.4	0.0	27.3	88
05/03/2024 05:20	1.0	39	9	1.3	0.0	27.3	88
05/03/2024 05:30	0.7	248	78	1.3	0.0	27.3	86
05/03/2024 05:40	0.7	263	25	1.4	0.0	27.5	87
05/03/2024 05:50	1.6	237	10	2.3	0.0	27.7	88
05/03/2024 06:00	1.3	213	19	1.9	0.0	27.6	89
05/03/2024 06:10	2.0	184	14	2.8	0.0	27.5	88
05/03/2024 06:20	2.3	178	9	3.0	0.0	27.6	85
05/03/2024 06:30	2.2	164	11	3.0	0.0	27.5	89
05/03/2024 06:40	1.7	139	14	2.5	0.0	27.5	90
05/03/2024 06:50	1.6	219	20	2.4	0.0	27.4	90
05/03/2024 07:00	3.1	267	8	4.3	0.0	27.6	89
05/03/2024 07:10	3.0	260	8	3.9	0.0	27.5	89
05/03/2024 07:20	3.2	259	11	4.6	0.0	27.6	88
05/03/2024 07:30	3.6	241	9	4.8	0.0	27.7	87
05/03/2024 07:40	2.9	238	12	4.6	0.0	27.8	87
05/03/2024 07:50	3.7	238	9	5.1	0.0	27.9	85
05/03/2024 08:00	3.4	237	10	4.8	0.0	28.1	85
05/03/2024 08:10	3.7	232	13	5.0	0.0	28.4	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/03/2024 08:20	3.5	232	12	5.0	0.0	28.6	82
05/03/2024 08:30	3.3	238	15	4.7	0.0	28.8	81
05/03/2024 08:40	3.2	224	18	5.0	0.0	29.1	79
05/03/2024 08:50	2.0	197	24	3.5	0.0	29.2	77
05/03/2024 09:00	2.0	175	30	3.5	0.0	29.5	76
05/03/2024 09:10	2.4	159	17	3.5	0.0	29.7	73
05/03/2024 09:20	1.9	182	26	3.5	0.0	29.8	72
05/03/2024 09:30	2.7	135	19	4.0	0.0	30.3	70
05/03/2024 09:40	2.7	114	20	4.3	0.0	30.5	68
05/03/2024 09:50	2.9	110	21	4.2	0.0	30.9	66
05/03/2024 10:00	3.3	107	23	5.1	0.0	30.7	67
05/03/2024 10:10	2.8	129	16	4.3	0.0	30.8	66
05/03/2024 10:20	2.3	128	16	3.7	0.0	30.8	65
05/03/2024 10:30	2.6	129	22	5.0	0.0	30.7	65
05/03/2024 10:40	3.3	95	16	4.5	0.0	31.2	62
05/03/2024 10:50	3.6	79	13	4.8	0.0	31.1	62
05/03/2024 11:00	3.5	66	15	5.3	0.0	31.2	62
05/03/2024 11:10	3.9	61	11	5.7	0.0	31.3	61
05/03/2024 11:20	3.6	59	12	5.9	0.0	31.5	58
05/03/2024 11:30	3.1	46	14	4.5	0.0	32.1	55
05/03/2024 11:40	2.8	61	33	4.7	0.0	32.1	55
05/03/2024 11:50	2.8	58	26	4.8	0.0	32.2	55
05/03/2024 12:00	4.6	57	9	6.2	0.0	31.9	58
05/03/2024 12:10	4.5	64	10	6.3	0.0	32.0	58
05/03/2024 12:20	4.7	75	10	6.7	0.0	32.4	57
05/03/2024 12:30	5.0	63	9	6.5	0.0	32.3	59
05/03/2024 12:40	5.0	61	11	6.6	0.0	31.9	61
05/03/2024 12:50	4.6	64	8	6.3	0.0	32.0	60
05/03/2024 13:00	4.6	66	8	6.3	0.0	32.1	59
05/03/2024 13:10	4.4	62	10	6.6	0.0	32.4	58
05/03/2024 13:20	4.8	56	12	6.5	0.0	32.3	57
05/03/2024 13:30	5.0	65	8	6.4	0.0	32.3	57
05/03/2024 13:40	5.6	66	9	7.2	0.0	32.2	58
05/03/2024 13:50	6.0	62	8	7.7	0.0	31.8	61
05/03/2024 14:00	5.1	63	12	7.1	0.0	31.8	64
05/03/2024 14:10	4.7	47	18	6.6	0.0	31.7	63
05/03/2024 14:20	4.8	15	16	7.3	0.0	31.4	70
05/03/2024 14:30	4.7	33	14	6.5	0.0	32.1	65
05/03/2024 14:40	5.1	48	11	7.4	0.0	32.5	59
05/03/2024 14:50	4.9	47	19	8.0	0.0	32.3	61
05/03/2024 15:00	4.5	45	20	6.9	0.0	32.7	60
05/03/2024 15:10	4.6	46	19	6.8	0.0	32.6	60
05/03/2024 15:20	5.6	16	16	8.3	0.0	32.2	65
05/03/2024 15:30	5.6	181	17	7.9	0.0	32.2	65
05/03/2024 15:40	6.2	13	16	7.6	0.0	32.5	61
05/03/2024 15:50	6.4	180	12	8.4	0.0	31.4	67
05/03/2024 16:00	6.2	179	10	7.6	0.0	31.4	67
05/03/2024 16:10	6.3	2	9	8.3	0.0	31.1	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/03/2024 16:20	5.7	183	14	7.4	0.0	31.2	67
05/03/2024 16:30	5.1	174	13	7.1	0.0	30.9	71
05/03/2024 16:40	5.1	343	11	7.1	0.0	31.0	70
05/03/2024 16:50	6.3	330	8	7.8	0.0	30.2	70
05/03/2024 17:00	5.8	340	8	7.5	0.0	30.1	71
05/03/2024 17:10	5.7	332	10	7.4	0.0	30.0	72
05/03/2024 17:20	5.6	326	8	7.2	0.0	29.9	73
05/03/2024 17:30	4.9	335	12	6.4	0.0	29.9	74
05/03/2024 17:40	5.0	328	13	6.8	0.0	29.7	74
05/03/2024 17:50	4.7	346	13	6.5	0.0	29.7	74
05/03/2024 18:00	4.9	329	10	6.9	0.0	29.5	77
05/03/2024 18:10	4.9	339	11	6.5	0.0	29.2	78
05/03/2024 18:20	5.1	346	9	7.0	0.0	29.2	76
05/03/2024 18:30	4.5	339	11	6.2	0.0	29.2	76
05/03/2024 18:40	4.0	339	12	5.6	0.0	29.1	78
05/03/2024 18:50	4.2	335	10	6.2	0.0	29.1	79
05/03/2024 19:00	3.9	305	12	6.0	0.0	29.0	79
05/03/2024 19:10	3.2	286	11	4.6	0.0	29.1	79
05/03/2024 19:20	3.0	283	10	4.6	0.0	29.1	79
05/03/2024 19:30	2.0	289	12	3.0	0.0	29.2	78
05/03/2024 19:40	2.2	314	15	3.6	0.0	29.2	78
05/03/2024 19:50	1.6	306	23	2.7	0.0	29.3	78
05/03/2024 20:00	2.3	279	10	3.2	0.0	29.2	79
05/03/2024 20:10	2.3	306	11	3.2	0.0	29.2	79
05/03/2024 20:20	2.1	326	13	3.0	0.0	29.1	82
05/03/2024 20:30	2.3	351	9	3.3	0.0	29.0	83
05/03/2024 20:40	2.2	332	10	3.4	0.0	28.9	83
05/03/2024 20:50	2.3	286	10	3.3	0.0	28.9	83
05/03/2024 21:00	2.5	282	8	3.5	0.0	29.0	82
05/03/2024 21:10	3.6	277	8	4.6	0.0	29.0	82
05/03/2024 21:20	3.5	265	8	4.4	0.0	29.0	82
05/03/2024 21:30	3.7	264	7	4.8	0.0	28.9	82
05/03/2024 21:40	4.5	263	12	6.5	0.2	28.4	87
05/03/2024 21:50	6.2	244	9	8.2	1.4	26.7	91
05/03/2024 22:00	3.6	277	15	5.6	5.5	25.8	97
05/03/2024 22:10	2.1	184	34	3.1	5.0	25.6	98
05/03/2024 22:20	2.3	315	40	3.7	2.7	25.6	99
05/03/2024 22:30	3.4	58	12	5.0	0.7	25.6	98
05/03/2024 22:40	3.4	52	11	4.9	0.2	25.3	96
05/03/2024 22:50	2.6	51	9	4.3	0.1	25.7	92
05/03/2024 23:00	2.7	186	13	3.7	0.1	26.0	93
05/03/2024 23:10	2.3	184	11	3.3	0.0	26.0	92
05/03/2024 23:20	1.4	63	18	2.0	0.0	26.2	93
05/03/2024 23:30	1.5	78	15	2.1	0.0	26.1	94
05/03/2024 23:40	0.9	151	34	1.6	0.1	26.2	90
05/03/2024 23:50	1.4	180	19	2.2	0.0	26.9	84
06/03/2024 00:00	2.3	192	10	3.3	0.0	27.0	86
06/03/2024 00:10	1.7	166	15	2.9	0.0	27.0	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/03/2024 00:20	1.9	170	19	3.1	0.0	27.0	90
06/03/2024 00:30	2.5	182	10	3.4	0.0	26.8	90
06/03/2024 00:40	2.1	206	15	3.2	0.1	26.6	91
06/03/2024 00:50	1.0	201	23	1.4	0.0	26.7	90
06/03/2024 01:00	1.0	267	21	1.3	0.0	26.8	88
06/03/2024 01:10	1.7	169	13	3.1	0.0	26.9	90
06/03/2024 01:20	2.3	131	15	3.4	0.1	26.9	91
06/03/2024 01:30	3.3	115	11	5.5	0.9	26.4	95
06/03/2024 01:40	3.1	96	11	4.6	0.1	25.9	94
06/03/2024 01:50	2.7	58	10	3.5	0.0	25.9	94
06/03/2024 02:00	1.8	28	7	2.3	0.0	26.0	94
06/03/2024 02:10	1.4	27	9	1.8	0.0	26.0	92
06/03/2024 02:20	1.4	330	13	1.9	0.0	26.2	91
06/03/2024 02:30	0.6	332	18	1.1	0.0	26.4	90
06/03/2024 02:40	0.5	76	40	0.8	0.0	26.4	90
06/03/2024 02:50	1.5	207	19	2.0	0.0	26.5	90
06/03/2024 03:00	1.7	253	8	2.1	0.0	26.7	90
06/03/2024 03:10	2.2	256	5	2.7	0.0	26.8	90
06/03/2024 03:20	2.2	261	7	2.9	0.0	26.8	92
06/03/2024 03:30	1.3	286	13	1.9	0.0	26.8	92
06/03/2024 03:40	0.8	188	37	1.2	0.0	26.9	91
06/03/2024 03:50	0.9	328	10	1.2	0.0	26.9	91
06/03/2024 04:00	0.6	173	35	1.1	0.0	27.0	91
06/03/2024 04:10	1.0	45	47	1.5	0.0	26.8	92
06/03/2024 04:20	1.2	91	12	1.7	0.0	26.9	92
06/03/2024 04:30	1.0	95	13	1.5	0.0	26.9	92
06/03/2024 04:40	1.1	48	11	1.4	0.0	27.0	92
06/03/2024 04:50	1.3	36	17	1.7	0.0	27.0	92
06/03/2024 05:00	0.8	196	23	1.4	0.0	27.0	93
06/03/2024 05:10	1.4	184	11	1.8	0.0	27.0	93
06/03/2024 05:20	0.8	34	15	1.2	0.0	27.0	92
06/03/2024 05:30	1.0	168	25	1.9	0.0	27.0	92
06/03/2024 05:40	1.2	178	12	1.8	0.0	27.1	92
06/03/2024 05:50	1.2	144	35	1.9	0.0	27.1	92
06/03/2024 06:00	1.7	120	16	2.3	0.0	27.0	92
06/03/2024 06:10	1.4	134	15	2.1	0.0	27.1	91
06/03/2024 06:20	1.7	136	12	2.3	0.0	27.1	90
06/03/2024 06:30	1.7	190	18	2.3	0.0	26.9	91
06/03/2024 06:40	1.1	174	30	1.9	0.0	26.8	90
06/03/2024 06:50	1.7	194	10	2.6	0.0	26.8	89
06/03/2024 07:00	1.5	164	16	2.3	0.0	26.9	87
06/03/2024 07:10	1.8	121	12	2.8	0.0	27.2	85
06/03/2024 07:20	2.0	133	14	3.2	0.0	27.5	83
06/03/2024 07:30	1.5	148	20	2.8	0.0	27.9	81
06/03/2024 07:40	1.8	143	13	2.8	0.0	28.0	81
06/03/2024 07:50	2.2	139	10	3.5	0.0	28.0	80
06/03/2024 08:00	2.2	139	15	3.6	0.0	28.0	79
06/03/2024 08:10	2.1	129	16	3.6	0.0	28.3	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/03/2024 08:20	2.2	136	13	3.2	0.0	28.2	80
06/03/2024 08:30	2.2	147	16	3.6	0.0	28.4	79
06/03/2024 08:40	2.4	148	16	3.9	0.0	28.5	79
06/03/2024 08:50	2.3	145	19	3.7	0.0	28.7	79
06/03/2024 09:00	2.1	149	19	3.5	0.0	29.0	79
06/03/2024 09:10	2.4	181	19	4.1	0.0	29.0	79
06/03/2024 09:20	1.5	164	30	2.8	0.0	29.2	78
06/03/2024 09:30	1.3	209	37	2.5	0.0	29.4	78
06/03/2024 09:40	1.2	270	44	1.8	0.0	29.9	75
06/03/2024 09:50	1.3	254	29	2.3	0.0	30.2	73
06/03/2024 10:00	2.1	266	12	2.9	0.0	29.8	74
06/03/2024 10:10	2.3	327	24	3.8	0.0	29.4	76
06/03/2024 10:20	1.7	173	24	3.1	0.0	29.2	76
06/03/2024 10:30	0.7	235	81	2.3	0.0	29.8	74
06/03/2024 10:40	2.4	90	20	3.7	0.0	30.7	72
06/03/2024 10:50	1.8	137	23	3.1	0.0	31.2	68
06/03/2024 11:00	2.0	140	22	3.7	0.0	31.3	65
06/03/2024 11:10	2.1	135	23	3.9	0.0	31.5	63
06/03/2024 11:20	2.3	80	31	3.8	0.0	31.9	62
06/03/2024 11:30	2.6	114	21	4.3	0.0	32.1	61
06/03/2024 11:40	1.8	45	31	3.3	0.0	32.1	62
06/03/2024 11:50	1.3	356	39	2.6	0.0	32.2	65
06/03/2024 12:00	2.6	26	41	4.6	0.0	31.9	65
06/03/2024 12:10	3.9	355	15	5.4	0.0	31.4	67
06/03/2024 12:20	4.0	348	12	5.3	0.0	31.1	70
06/03/2024 12:30	3.6	342	11	5.5	0.0	31.1	70
06/03/2024 12:40	4.7	339	11	6.6	0.0	30.9	72
06/03/2024 12:50	5.5	337	10	7.3	0.0	30.1	75
06/03/2024 13:00	4.7	340	13	6.4	0.0	30.3	74
06/03/2024 13:10	4.4	8	12	6.0	0.0	31.5	69
06/03/2024 13:20	4.7	8	11	6.5	0.0	30.5	73
06/03/2024 13:30	4.0	8	13	5.7	0.0	31.2	71
06/03/2024 13:40	4.4	10	13	5.9	0.0	31.2	71
06/03/2024 13:50	3.8	18	11	5.7	0.0	31.6	70
06/03/2024 14:00	3.6	25	15	5.5	0.0	31.4	71
06/03/2024 14:10	3.8	24	19	5.4	0.0	31.8	69
06/03/2024 14:20	4.3	33	15	6.2	0.0	31.6	70
06/03/2024 14:30	4.1	22	21	6.3	0.0	31.3	71
06/03/2024 14:40	3.9	20	16	5.7	0.0	31.4	70
06/03/2024 14:50	3.8	9	11	5.7	0.0	31.0	72
06/03/2024 15:00	3.4	10	13	4.9	0.0	31.4	70
06/03/2024 15:10	3.5	17	15	5.4	0.0	31.5	70
06/03/2024 15:20	3.3	9	18	5.1	0.0	31.9	68
06/03/2024 15:30	3.7	15	14	5.0	0.0	31.7	68
06/03/2024 15:40	3.9	9	12	6.2	0.0	31.7	68
06/03/2024 15:50	3.7	11	15	5.1	0.0	31.7	69
06/03/2024 16:00	4.5	19	12	5.9	0.0	31.5	69
06/03/2024 16:10	4.7	11	10	6.4	0.0	31.1	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/03/2024 16:20	4.5	5	12	5.9	0.0	30.9	71
06/03/2024 16:30	4.7	180	12	6.3	0.0	30.7	72
06/03/2024 16:40	4.5	5	12	5.8	0.0	30.8	71
06/03/2024 16:50	5.0	5	14	6.7	0.0	30.6	72
06/03/2024 17:00	5.2	181	10	7.0	0.0	30.2	74
06/03/2024 17:10	4.7	183	9	6.4	0.0	30.3	74
06/03/2024 17:20	4.6	6	10	6.0	0.0	30.2	74
06/03/2024 17:30	5.3	7	8	6.8	0.0	30.0	75
06/03/2024 17:40	5.3	6	10	6.7	0.0	29.9	76
06/03/2024 17:50	4.9	3	11	6.4	0.0	29.7	78
06/03/2024 18:00	4.3	179	11	5.7	0.0	29.6	78
06/03/2024 18:10	4.0	7	12	5.3	0.0	29.5	78
06/03/2024 18:20	3.2	179	9	4.3	0.0	29.4	79
06/03/2024 18:30	3.4	346	12	4.7	0.0	29.3	78
06/03/2024 18:40	3.9	335	11	5.3	0.0	29.0	80
06/03/2024 18:50	4.0	333	8	5.2	0.0	28.9	81
06/03/2024 19:00	3.5	348	10	4.9	0.0	28.7	83
06/03/2024 19:10	3.6	350	9	5.2	0.0	28.6	83
06/03/2024 19:20	4.2	356	7	5.3	0.0	28.6	83
06/03/2024 19:30	4.5	353	8	5.8	0.0	28.6	84
06/03/2024 19:40	3.7	345	9	5.1	0.0	28.6	84
06/03/2024 19:50	3.2	351	15	5.0	0.0	28.6	84
06/03/2024 20:00	3.7	344	13	4.8	0.0	28.6	84
06/03/2024 20:10	3.1	358	15	4.2	0.0	28.5	84
06/03/2024 20:20	3.7	179	9	4.9	0.0	28.5	84
06/03/2024 20:30	3.3	348	12	4.2	0.0	28.6	84
06/03/2024 20:40	2.8	350	13	3.8	0.0	28.6	83
06/03/2024 20:50	2.9	350	11	4.3	0.0	28.6	83
06/03/2024 21:00	2.6	177	15	3.7	0.0	28.6	82
06/03/2024 21:10	3.0	358	7	4.0	0.0	28.6	82
06/03/2024 21:20	2.2	342	15	3.3	0.0	28.6	83
06/03/2024 21:30	2.1	349	13	3.1	0.0	28.6	82
06/03/2024 21:40	2.1	316	17	3.7	0.0	28.6	82
06/03/2024 21:50	1.9	293	15	2.9	0.0	28.5	83
06/03/2024 22:00	2.0	297	15	2.9	0.0	28.5	83
06/03/2024 22:10	1.7	295	13	2.4	0.0	28.6	83
06/03/2024 22:20	1.6	293	12	2.2	0.0	28.6	84
06/03/2024 22:30	1.6	297	8	2.2	0.0	28.6	83
06/03/2024 22:40	1.8	304	10	2.6	0.0	28.6	82
06/03/2024 22:50	2.1	284	8	2.8	0.0	28.6	83
06/03/2024 23:00	2.2	278	10	3.3	0.0	28.6	82
06/03/2024 23:10	2.4	285	7	3.3	0.0	28.6	82
06/03/2024 23:20	2.3	279	7	3.3	0.0	28.5	82
06/03/2024 23:30	1.8	291	7	2.4	0.0	28.5	80
06/03/2024 23:40	1.2	306	12	2.0	0.0	28.5	79
06/03/2024 23:50	1.4	302	10	1.9	0.0	28.5	78
07/03/2024 00:00	1.6	294	6	2.2	0.0	28.5	78
07/03/2024 00:10	1.5	291	7	2.1	0.0	28.5	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/03/2024 00:20	1.5	298	8	1.8	0.0	28.5	79
07/03/2024 00:30	1.2	302	9	2.0	0.0	28.5	80
07/03/2024 00:40	1.5	291	9	2.1	0.0	28.4	83
07/03/2024 00:50	1.8	287	9	2.3	0.0	28.4	83
07/03/2024 01:00	1.6	293	8	2.0	0.0	28.4	84
07/03/2024 01:10	1.7	281	9	2.2	0.0	28.3	84
07/03/2024 01:20	1.6	262	14	2.2	0.0	28.3	85
07/03/2024 01:30	1.9	200	21	2.7	0.0	28.4	85
07/03/2024 01:40	1.7	198	13	2.5	0.0	28.3	86
07/03/2024 01:50	1.8	181	8	2.4	0.0	28.4	85
07/03/2024 02:00	1.2	192	15	1.7	0.0	28.3	85
07/03/2024 02:10	1.2	210	11	1.5	0.0	28.3	84
07/03/2024 02:20	1.2	285	14	1.7	0.0	28.2	85
07/03/2024 02:30	1.5	282	6	1.9	0.0	28.1	85
07/03/2024 02:40	2.0	276	6	2.3	0.0	28.1	86
07/03/2024 02:50	1.9	268	6	2.4	0.0	28.1	86
07/03/2024 03:00	1.6	282	7	2.0	0.0	28.0	86
07/03/2024 03:10	1.7	286	8	2.3	0.0	28.0	86
07/03/2024 03:20	1.3	295	8	1.7	0.0	28.0	86
07/03/2024 03:30	0.7	181	27	1.3	0.0	28.0	85
07/03/2024 03:40	1.3	94	11	1.7	0.0	28.1	85
07/03/2024 03:50	1.1	106	14	1.7	0.0	28.2	85
07/03/2024 04:00	1.0	121	27	1.5	0.0	28.2	85
07/03/2024 04:10	0.7	166	23	1.2	0.0	28.3	85
07/03/2024 04:20	1.2	136	22	1.7	0.0	28.3	84
07/03/2024 04:30	1.3	149	18	1.9	0.0	28.3	84
07/03/2024 04:40	1.1	163	17	1.6	0.0	28.3	83
07/03/2024 04:50	1.3	189	4	1.7	0.0	28.2	85
07/03/2024 05:00	1.9	184	9	2.4	0.0	28.0	86
07/03/2024 05:10	2.1	187	7	2.6	0.0	27.9	85
07/03/2024 05:20	2.1	191	8	2.6	0.0	27.8	86
07/03/2024 05:30	2.3	190	9	3.3	0.0	27.6	87
07/03/2024 05:40	2.5	198	8	3.1	0.0	27.6	88
07/03/2024 05:50	2.5	187	10	3.2	0.0	27.6	88
07/03/2024 06:00	2.0	192	11	2.6	0.0	27.6	88
07/03/2024 06:10	1.7	201	10	2.2	0.0	27.5	89
07/03/2024 06:20	2.0	185	12	2.9	0.0	27.6	88
07/03/2024 06:30	2.4	176	8	3.2	0.0	27.6	88
07/03/2024 06:40	2.0	187	9	2.7	0.0	27.6	88
07/03/2024 06:50	1.6	201	8	2.0	0.0	27.6	89
07/03/2024 07:00	1.4	200	8	1.8	0.0	27.7	88
07/03/2024 07:10	1.3	184	17	1.8	0.0	28.3	86
07/03/2024 07:20	2.0	195	10	2.8	0.0	28.6	85
07/03/2024 07:30	2.3	191	12	3.0	0.0	28.7	84
07/03/2024 07:40	1.9	197	13	2.7	0.0	28.8	83
07/03/2024 07:50	2.3	189	10	3.0	0.0	29.0	81
07/03/2024 08:00	2.4	183	11	3.4	0.0	29.1	80
07/03/2024 08:10	1.9	157	23	3.0	0.0	29.4	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/03/2024 08:20	2.1	144	19	3.6	0.0	29.6	77
07/03/2024 08:30	2.0	156	23	3.3	0.0	29.7	74
07/03/2024 08:40	2.2	187	22	3.1	0.0	29.8	73
07/03/2024 08:50	1.9	141	25	3.3	0.0	30.3	68
07/03/2024 09:00	2.6	134	16	4.0	0.0	30.7	68
07/03/2024 09:10	2.5	126	14	4.0	0.0	30.4	70
07/03/2024 09:20	2.5	115	22	3.7	0.0	30.5	70
07/03/2024 09:30	2.5	113	20	4.2	0.0	31.1	67
07/03/2024 09:40	2.8	113	22	4.2	0.0	30.8	68
07/03/2024 09:50	2.8	109	21	4.2	0.0	31.1	65
07/03/2024 10:00	2.6	96	25	4.1	0.0	31.5	63
07/03/2024 10:10	2.5	124	15	4.0	0.0	31.5	63
07/03/2024 10:20	2.5	124	14	3.8	0.0	31.5	62
07/03/2024 10:30	2.6	115	17	4.1	0.0	31.7	61
07/03/2024 10:40	2.5	121	16	4.3	0.0	32.2	61
07/03/2024 10:50	2.7	129	16	4.0	0.0	31.9	62
07/03/2024 11:00	3.1	86	19	4.6	0.0	32.3	60
07/03/2024 11:10	2.9	79	25	4.5	0.0	32.3	60
07/03/2024 11:20	3.5	83	26	5.0	0.0	32.4	60
07/03/2024 11:30	3.1	69	19	5.0	0.0	32.3	60
07/03/2024 11:40	4.3	53	11	6.2	0.0	32.8	60
07/03/2024 11:50	4.4	58	11	5.8	0.0	32.6	62
07/03/2024 12:00	4.7	58	11	6.1	0.0	32.4	63
07/03/2024 12:10	5.4	63	9	7.1	0.0	32.3	64
07/03/2024 12:20	5.8	62	8	8.0	0.0	32.0	66
07/03/2024 12:30	6.1	62	9	8.4	0.0	32.0	67
07/03/2024 12:40	5.9	59	11	7.8	0.0	32.1	67
07/03/2024 12:50	5.7	59	10	7.7	0.0	32.1	67
07/03/2024 13:00	5.8	57	10	7.8	0.0	32.1	66
07/03/2024 13:10	5.0	55	10	7.1	0.0	32.1	66
07/03/2024 13:20	4.7	55	14	6.4	0.0	32.3	65
07/03/2024 13:30	4.2	44	17	5.9	0.0	32.6	62
07/03/2024 13:40	5.0	53	9	6.6	0.0	32.4	62
07/03/2024 13:50	4.6	200	26	6.8	0.0	32.6	65
07/03/2024 14:00	4.6	338	22	6.8	0.0	32.1	69
07/03/2024 14:10	3.4	28	27	6.1	0.0	32.7	62
07/03/2024 14:20	4.3	347	26	6.8	0.0	32.6	65
07/03/2024 14:30	5.5	327	14	8.2	0.0	32.0	69
07/03/2024 14:40	4.0	181	15	6.0	0.0	32.9	61
07/03/2024 14:50	4.8	172	16	6.9	0.0	33.1	62
07/03/2024 15:00	4.5	334	14	6.5	0.0	32.5	64
07/03/2024 15:10	4.6	349	20	6.9	0.0	32.1	67
07/03/2024 15:20	4.8	8	12	6.2	0.0	32.9	61
07/03/2024 15:30	4.8	2	14	6.6	0.0	33.0	61
07/03/2024 15:40	5.1	6	11	7.0	0.0	32.9	61
07/03/2024 15:50	5.6	8	12	7.4	0.0	32.7	62
07/03/2024 16:00	5.7	9	12	7.7	0.0	32.5	63
07/03/2024 16:10	5.5	3	11	7.4	0.0	32.7	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/03/2024 16:20	6.1	327	13	8.4	0.0	31.8	66
07/03/2024 16:30	6.1	329	8	8.0	0.0	31.3	68
07/03/2024 16:40	6.0	334	11	7.3	0.0	31.0	70
07/03/2024 16:50	5.8	337	11	7.7	0.0	31.1	70
07/03/2024 17:00	5.7	333	11	8.0	0.0	31.0	70
07/03/2024 17:10	5.9	344	12	8.9	0.0	30.9	71
07/03/2024 17:20	5.6	333	16	7.5	0.0	30.7	76
07/03/2024 17:30	5.7	341	12	7.5	0.0	30.5	75
07/03/2024 17:40	5.8	322	14	9.1	0.0	30.4	76
07/03/2024 17:50	6.2	325	11	8.7	0.0	30.2	77
07/03/2024 18:00	6.0	315	9	8.7	0.0	30.2	76
07/03/2024 18:10	5.7	321	9	7.9	0.0	30.1	75
07/03/2024 18:20	5.8	331	10	7.9	0.0	29.9	77
07/03/2024 18:30	5.3	317	11	7.5	0.0	29.7	79
07/03/2024 18:40	5.3	319	10	7.4	0.0	29.6	80
07/03/2024 18:50	4.7	318	13	6.8	0.0	29.7	79
07/03/2024 19:00	5.6	310	8	7.2	0.0	29.4	81
07/03/2024 19:10	5.4	308	9	7.6	0.0	29.2	82
07/03/2024 19:20	5.3	300	10	7.0	0.0	29.2	82
07/03/2024 19:30	5.9	284	7	7.4	0.0	29.2	82
07/03/2024 19:40	5.9	288	7	7.9	0.0	29.2	82
07/03/2024 19:50	5.4	294	8	7.1	0.0	29.1	81
07/03/2024 20:00	5.5	286	9	7.2	0.0	29.1	81
07/03/2024 20:10	4.9	291	8	6.5	0.0	29.0	81
07/03/2024 20:20	4.6	287	9	6.1	0.0	29.0	81
07/03/2024 20:30	4.5	288	11	6.0	0.0	29.1	81
07/03/2024 20:40	4.6	291	9	6.3	0.0	29.0	82
07/03/2024 20:50	4.9	284	8	6.6	0.0	29.0	82
07/03/2024 21:00	4.7	285	8	6.3	0.0	29.0	82
07/03/2024 21:10	4.6	299	9	6.0	0.0	28.9	82
07/03/2024 21:20	5.0	313	7	7.0	0.0	28.9	81
07/03/2024 21:30	3.8	302	13	6.0	0.0	28.8	82
07/03/2024 21:40	4.5	287	9	6.2	0.0	28.8	83
07/03/2024 21:50	5.1	271	7	6.6	0.0	28.8	83
07/03/2024 22:00	5.0	268	8	6.9	0.0	28.7	83
07/03/2024 22:10	5.1	260	6	6.3	0.0	28.7	82
07/03/2024 22:20	5.0	262	6	6.2	0.0	28.7	82
07/03/2024 22:30	4.9	268	6	6.4	0.0	28.7	83
07/03/2024 22:40	4.9	269	7	6.1	0.0	28.7	82
07/03/2024 22:50	4.6	265	7	6.0	0.0	28.7	83
07/03/2024 23:00	5.0	267	7	6.6	0.0	28.6	83
07/03/2024 23:10	4.9	271	6	6.1	0.0	28.6	82
07/03/2024 23:20	4.0	276	6	5.3	0.0	28.6	82
07/03/2024 23:30	4.5	275	7	5.8	0.0	28.6	83
07/03/2024 23:40	4.3	281	7	5.8	0.0	28.6	82
07/03/2024 23:50	5.1	278	8	6.5	0.0	28.5	83
08/03/2024 00:00	4.9	274	7	6.1	0.0	28.4	82
08/03/2024 00:10	5.0	268	6	6.5	0.0	28.3	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/03/2024 00:20	4.1	272	8	5.6	0.0	28.3	82
08/03/2024 00:30	4.6	264	6	5.6	0.0	28.4	81
08/03/2024 00:40	4.7	262	6	6.4	0.0	28.4	81
08/03/2024 00:50	4.9	259	8	6.8	0.0	28.5	82
08/03/2024 01:00	4.9	259	7	6.3	0.0	28.4	82
08/03/2024 01:10	5.8	255	7	7.4	0.0	28.5	81
08/03/2024 01:20	4.7	254	8	6.1	0.0	28.5	81
08/03/2024 01:30	5.2	255	8	6.5	0.0	28.4	81
08/03/2024 01:40	3.7	246	12	5.0	0.0	28.5	81
08/03/2024 01:50	3.6	254	10	5.4	0.0	28.5	80
08/03/2024 02:00	3.8	239	9	5.3	0.0	28.5	79
08/03/2024 02:10	3.6	243	12	4.5	0.0	28.5	78
08/03/2024 02:20	4.2	260	5	5.7	0.0	28.4	79
08/03/2024 02:30	4.3	257	5	5.1	0.0	28.4	79
08/03/2024 02:40	4.6	254	7	5.9	0.0	28.4	80
08/03/2024 02:50	5.0	251	7	6.2	0.0	28.5	79
08/03/2024 03:00	4.4	255	8	6.0	0.0	28.4	81
08/03/2024 03:10	3.7	247	10	5.4	0.0	28.5	80
08/03/2024 03:20	3.8	242	12	5.7	0.0	28.6	80
08/03/2024 03:30	3.7	240	12	5.4	0.0	28.7	79
08/03/2024 03:40	4.4	253	8	5.9	0.0	28.5	80
08/03/2024 03:50	4.2	247	10	5.6	0.0	28.5	80
08/03/2024 04:00	4.4	243	11	6.1	0.0	28.6	80
08/03/2024 04:10	5.0	238	11	7.3	0.0	28.6	80
08/03/2024 04:20	3.9	241	13	5.7	0.0	28.5	80
08/03/2024 04:30	3.8	243	12	5.2	0.0	28.4	80
08/03/2024 04:40	3.1	258	10	4.7	0.0	28.3	81
08/03/2024 04:50	2.4	266	9	3.7	0.0	28.1	82
08/03/2024 05:00	2.4	265	7	3.2	0.0	28.1	82
08/03/2024 05:10	2.5	269	7	3.2	0.0	28.1	82
08/03/2024 05:20	2.6	278	8	3.3	0.0	28.1	82
08/03/2024 05:30	3.2	276	6	4.2	0.0	28.2	82
08/03/2024 05:40	3.8	263	5	4.8	0.0	28.2	82
08/03/2024 05:50	4.1	258	4	4.9	0.0	28.2	82
08/03/2024 06:00	3.8	257	6	5.0	0.0	28.1	83
08/03/2024 06:10	4.1	256	7	5.3	0.0	28.1	82
08/03/2024 06:20	4.3	257	7	5.9	0.0	28.1	83
08/03/2024 06:30	4.0	256	8	5.4	0.0	28.1	83
08/03/2024 06:40	3.9	257	7	4.7	0.0	28.1	83
08/03/2024 06:50	3.3	261	6	4.1	0.0	28.1	83
08/03/2024 07:00	2.8	259	10	4.1	0.0	28.1	83
08/03/2024 07:10	3.0	256	9	4.1	0.0	28.2	82
08/03/2024 07:20	3.6	240	11	5.2	0.0	28.5	80
08/03/2024 07:30	3.5	240	8	4.8	0.0	28.8	78
08/03/2024 07:40	3.5	233	11	5.1	0.0	29.2	76
08/03/2024 07:50	3.9	238	10	5.3	0.0	29.3	76
08/03/2024 08:00	3.9	244	9	5.1	0.0	29.4	75
08/03/2024 08:10	3.9	245	12	5.2	0.0	29.4	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/03/2024 08:20	3.6	250	13	5.4	0.0	29.7	73
08/03/2024 08:30	3.8	242	12	5.6	0.0	29.8	73
08/03/2024 08:40	3.6	247	18	5.3	0.0	30.1	72
08/03/2024 08:50	3.8	237	12	5.3	0.0	30.2	71
08/03/2024 09:00	3.8	237	16	5.3	0.0	30.3	70
08/03/2024 09:10	3.7	236	14	5.6	0.0	30.5	70
08/03/2024 09:20	3.5	240	10	5.0	0.0	30.7	69
08/03/2024 09:30	3.3	226	28	5.8	0.0	30.8	69
08/03/2024 09:40	3.0	243	30	4.6	0.0	31.1	67
08/03/2024 09:50	2.8	234	27	4.9	0.0	31.4	66
08/03/2024 10:00	2.9	258	26	5.2	0.0	31.5	64
08/03/2024 10:10	3.2	251	31	5.4	0.0	31.8	64
08/03/2024 10:20	3.4	265	14	5.1	0.0	31.8	65
08/03/2024 10:30	3.5	269	14	5.3	0.0	31.7	66
08/03/2024 10:40	3.0	280	15	6.0	0.0	31.8	65
08/03/2024 10:50	2.8	267	13	4.7	0.0	32.0	65
08/03/2024 11:00							
08/03/2024 11:10							
08/03/2024 11:20	3.8	293	12	5.8	0.1	32.5	64
08/03/2024 11:30	4.1	295	18	5.9	0.0	32.6	64
08/03/2024 11:40	4.1	307	24	6.3	0.0	32.3	65
08/03/2024 11:50	3.7	298	18	5.3	0.0	32.3	65
08/03/2024 12:00	4.3	334	10	6.1	0.0	31.8	68
08/03/2024 12:10	4.5	331	10	5.9	0.0	31.9	68
08/03/2024 12:20	5.1	327	12	6.8	0.0	32.1	67
08/03/2024 12:30	5.7	327	8	7.3	0.0	31.5	70
08/03/2024 12:40	5.4	319	12	7.6	0.0	32.0	68
08/03/2024 12:50	5.2	335	10	6.8	0.0	31.7	69
08/03/2024 13:00	5.0	316	15	6.9	0.0	32.2	67
08/03/2024 13:10	5.0	313	14	7.2	0.0	32.2	67
08/03/2024 13:20	5.4	310	12	7.4	0.0	32.1	67
08/03/2024 13:30	5.4	312	15	7.8	0.0	32.0	68
08/03/2024 13:40	6.1	314	10	8.7	0.0	31.5	69
08/03/2024 13:50	5.6	316	13	7.2	0.0	31.6	69
08/03/2024 14:00	6.1	311	8	8.4	0.0	31.3	70
08/03/2024 14:10	5.7	311	10	7.7	0.0	31.4	70
08/03/2024 14:20	6.2	307	10	8.6	0.0	31.3	70
08/03/2024 14:30	5.9	304	11	8.5	0.0	31.5	69
08/03/2024 14:40	6.3	302	11	8.4	0.0	31.5	68
08/03/2024 14:50	6.5	303	10	9.4	0.0	31.5	68
08/03/2024 15:00	6.8	305	10	9.3	0.0	31.4	68
08/03/2024 15:10	6.2	307	10	9.3	0.0	31.5	68
08/03/2024 15:20	6.6	314	11	9.5	0.0	31.3	69
08/03/2024 15:30	6.7	312	8	9.6	0.0	31.2	70
08/03/2024 15:40	6.3	309	10	8.7	0.0	31.2	70
08/03/2024 15:50	6.0	320	12	8.7	0.0	31.7	67
08/03/2024 16:00	6.3	313	9	8.9	0.0	31.1	70
08/03/2024 16:10	6.6	312	8	9.3	0.0	31.0	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/03/2024 16:20	6.2	316	12	9.5	0.0	31.1	72
08/03/2024 16:30	6.6	311	9	9.6	0.0	30.9	72
08/03/2024 16:40	6.2	315	11	8.6	0.0	30.6	74
08/03/2024 16:50	7.1	309	9	9.1	0.0	30.5	75
08/03/2024 17:00	6.8	312	10	10.3	0.0	30.5	74
08/03/2024 17:10	6.9	314	10	9.2	0.0	30.1	75
08/03/2024 17:20	6.5	312	10	9.2	0.0	29.8	77
08/03/2024 17:30	6.7	307	10	9.5	0.0	29.7	77
08/03/2024 17:40	6.3	312	10	9.7	0.0	29.5	77
08/03/2024 17:50	6.9	311	9	10.3	0.0	29.4	78
08/03/2024 18:00	6.7	307	9	9.2	0.0	29.2	80
08/03/2024 18:10	7.7	311	6	9.7	0.0	28.9	81
08/03/2024 18:20	6.4	303	10	8.9	0.0	28.9	81
08/03/2024 18:30	6.5	291	10	8.9	0.0	28.9	82
08/03/2024 18:40	6.4	291	10	8.8	0.0	28.6	83
08/03/2024 18:50	7.0	285	8	9.3	0.0	28.6	83
08/03/2024 19:00	7.3	285	8	9.8	0.0	28.5	84
08/03/2024 19:10	7.9	287	6	10.3	0.0	28.4	84
08/03/2024 19:20	7.6	283	7	10.0	0.0	28.4	84
08/03/2024 19:30	7.4	284	6	10.1	0.0	28.4	83
08/03/2024 19:40	6.7	285	8	9.1	0.0	28.3	84
08/03/2024 19:50	6.5	285	8	9.4	0.0	28.3	84
08/03/2024 20:00	7.0	285	7	9.5	0.0	28.2	85
08/03/2024 20:10	7.1	286	7	9.3	0.0	28.2	85
08/03/2024 20:20	6.7	281	8	8.8	0.0	28.2	85
08/03/2024 20:30	5.7	278	8	7.8	0.0	28.3	84
08/03/2024 20:40	5.7	285	8	8.4	0.0	28.3	83
08/03/2024 20:50	6.3	282	7	8.8	0.0	28.3	83
08/03/2024 21:00	6.9	286	8	9.3	0.0	28.3	83
08/03/2024 21:10	6.2	281	8	8.4	0.0	28.3	83
08/03/2024 21:20	6.1	281	8	8.3	0.0	28.3	82
08/03/2024 21:30	6.0	282	8	8.3	0.0	28.3	82
08/03/2024 21:40	6.2	277	8	8.8	0.0	28.4	80
08/03/2024 21:50	5.2	282	9	7.4	0.0	28.4	81
08/03/2024 22:00	5.9	275	8	8.3	0.0	28.3	81
08/03/2024 22:10	6.0	271	7	8.0	0.0	28.5	79
08/03/2024 22:20	6.5	266	7	8.5	0.0	28.5	80
08/03/2024 22:30	7.2	268	8	9.5	0.0	28.4	79
08/03/2024 22:40	6.6	278	6	8.2	0.0	28.3	80
08/03/2024 22:50	6.7	276	8	9.1	0.0	28.3	80
08/03/2024 23:00	6.8	280	6	9.0	0.0	28.3	79
08/03/2024 23:10	6.2	284	8	8.4	0.0	28.2	80
08/03/2024 23:20	5.9	282	8	8.4	0.0	28.2	81
08/03/2024 23:30	5.8	281	7	7.8	0.0	28.1	80
08/03/2024 23:40	6.1	279	7	8.0	0.0	28.2	80
08/03/2024 23:50	5.6	285	8	7.8	0.0	28.1	81
09/03/2024 00:00	6.7	280	8	8.7	0.0	28.1	81
09/03/2024 00:10	7.5	281	7	9.5	0.0	28.1	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/03/2024 00:20	6.9	276	7	8.7	0.0	28.0	82
09/03/2024 00:30	6.7	280	7	9.4	0.0	28.0	82
09/03/2024 00:40	7.5	278	8	10.1	0.0	28.0	80
09/03/2024 00:50	7.2	280	6	9.3	0.0	28.0	81
09/03/2024 01:00	7.0	276	7	9.5	0.0	27.9	81
09/03/2024 01:10	6.3	282	8	8.7	0.0	27.8	82
09/03/2024 01:20	7.1	279	7	9.5	0.0	27.8	83
09/03/2024 01:30	7.1	275	5	9.1	0.0	27.8	81
09/03/2024 01:40	7.7	278	7	10.7	0.0	27.8	81
09/03/2024 01:50	6.8	279	7	9.5	0.0	27.7	81
09/03/2024 02:00	6.9	279	6	9.4	0.0	27.7	82
09/03/2024 02:10	7.5	281	6	9.4	0.0	27.7	82
09/03/2024 02:20	7.1	278	7	9.3	0.0	27.7	82
09/03/2024 02:30	6.9	278	6	9.0	0.0	27.7	83
09/03/2024 02:40	6.7	278	8	9.8	0.0	27.7	82
09/03/2024 02:50	7.3	279	6	10.2	0.0	27.7	83
09/03/2024 03:00	7.5	279	6	9.7	0.0	27.7	83
09/03/2024 03:10	6.8	281	6	9.4	0.0	27.7	83
09/03/2024 03:20	6.5	281	6	8.8	0.0	27.7	83
09/03/2024 03:30	6.4	281	7	8.3	0.0	27.7	84
09/03/2024 03:40	7.0	280	6	9.9	0.0	27.7	84
09/03/2024 03:50	7.0	278	8	9.9	0.0	27.7	84
09/03/2024 04:00	6.4	278	8	8.7	0.0	27.7	84
09/03/2024 04:10	6.5	272	7	9.2	0.0	27.7	84
09/03/2024 04:20	6.8	273	7	9.2	0.0	27.7	84
09/03/2024 04:30	6.7	272	8	8.8	0.0	27.7	84
09/03/2024 04:40	7.0	266	7	9.7	0.0	27.7	85
09/03/2024 04:50	6.0	267	7	7.9	0.0	27.7	85
09/03/2024 05:00	6.2	270	7	8.4	0.0	27.8	85
09/03/2024 05:10	5.9	267	8	7.7	0.0	27.8	86
09/03/2024 05:20	6.7	266	6	8.4	0.0	27.8	86
09/03/2024 05:30	5.3	259	7	7.1	0.0	27.8	87
09/03/2024 05:40	5.9	259	6	7.5	0.0	27.8	86
09/03/2024 05:50	5.5	261	6	7.0	0.0	27.8	86
09/03/2024 06:00	5.4	258	5	6.7	0.0	27.8	86
09/03/2024 06:10	4.5	256	6	5.8	0.0	27.9	85
09/03/2024 06:20	4.4	260	7	5.8	0.0	27.8	82
09/03/2024 06:30	4.2	259	6	5.4	0.0	27.7	83
09/03/2024 06:40	4.5	259	6	5.6	0.0	27.6	85
09/03/2024 06:50	4.6	262	7	5.9	0.0	27.7	85
09/03/2024 07:00	5.4	257	5	6.8	0.0	27.8	84
09/03/2024 07:10	5.0	258	7	6.2	0.0	28.1	82
09/03/2024 07:20	6.0	262	8	7.8	0.0	28.3	80
09/03/2024 07:30	6.0	258	7	8.1	0.0	28.4	78
09/03/2024 07:40	6.1	259	7	8.0	0.0	28.5	75
09/03/2024 07:50	5.6	258	7	7.3	0.0	28.8	73
09/03/2024 08:00	5.7	256	6	6.8	0.0	29.1	71
09/03/2024 08:10	5.6	267	7	7.1	0.0	29.3	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/03/2024 08:20	5.1	269	7	6.2	0.0	29.5	68
09/03/2024 08:30	5.5	270	8	6.6	0.0	29.9	66
09/03/2024 08:40	5.4	268	9	6.6	0.0	30.1	67
09/03/2024 08:50	5.5	265	12	6.6	0.0	30.3	67
09/03/2024 09:00	5.9	270	6	7.6	0.0	30.5	67
09/03/2024 09:10	6.2	270	8	7.7	0.0	30.7	68
09/03/2024 09:20	6.4	272	7	8.0	0.0	30.8	66
09/03/2024 09:30	5.7	270	9	7.1	0.0	31.2	61
09/03/2024 09:40	5.6	268	10	6.9	0.0	31.4	60
09/03/2024 09:50	5.0	272	10	7.1	0.0	31.8	59
09/03/2024 10:00	4.7	277	11	6.2	0.0	32.1	59
09/03/2024 10:10	4.9	286	9	6.7	0.0	31.9	61
09/03/2024 10:20	5.7	286	8	7.7	0.0	31.9	61
09/03/2024 10:30	6.0	281	9	7.4	0.0	32.1	60
09/03/2024 10:40	5.8	281	8	7.5	0.0	32.1	61
09/03/2024 10:50	6.0	283	9	7.7	0.0	32.3	62
09/03/2024 11:00	5.9	278	7	7.3	0.0	32.4	62
09/03/2024 11:10	4.9	282	10	6.5	0.0	32.5	61
09/03/2024 11:20	4.8	283	11	6.6	0.0	32.8	60
09/03/2024 11:30	5.6	276	9	7.2	0.0	33.0	57
09/03/2024 11:40	5.5	270	10	7.0	0.0	33.4	54
09/03/2024 11:50	5.1	281	9	6.6	0.0	33.5	56
09/03/2024 12:00	5.0	277	11	7.2	0.0	33.6	58
09/03/2024 12:10	5.7	276	12	7.2	0.0	33.7	59
09/03/2024 12:20	4.8	285	9	6.2	0.0	33.7	56
09/03/2024 12:30	5.3	278	10	6.8	0.0	34.4	53
09/03/2024 12:40	5.2	278	9	7.1	0.0	34.4	53
09/03/2024 12:50	5.5	286	11	7.0	0.0	34.5	57
09/03/2024 13:00	5.8	292	8	7.3	0.0	34.2	60
09/03/2024 13:10	6.5	291	7	8.3	0.0	34.0	62
09/03/2024 13:20	6.7	293	7	8.2	0.0	33.9	61
09/03/2024 13:30	6.0	291	7	8.2	0.0	34.8	55
09/03/2024 13:40	5.8	292	8	7.5	0.0	35.2	52
09/03/2024 13:50	6.1	309	9	7.9	0.0	34.3	56
09/03/2024 14:00	6.3	314	5	8.4	0.0	33.9	56
09/03/2024 14:10	5.9	316	9	7.9	0.0	33.8	57
09/03/2024 14:20	6.2	311	8	8.1	0.0	33.9	56
09/03/2024 14:30	6.5	309	7	8.3	0.0	34.0	54
09/03/2024 14:40	5.9	311	11	8.2	0.0	33.9	56
09/03/2024 14:50	6.6	311	8	9.1	0.0	34.0	56
09/03/2024 15:00	6.5	310	10	8.6	0.0	33.6	58
09/03/2024 15:10	6.5	303	8	9.7	0.0	33.3	59
09/03/2024 15:20	6.3	310	11	8.5	0.0	33.5	57
09/03/2024 15:30	6.8	310	9	9.6	0.0	33.4	56
09/03/2024 15:40	6.5	315	9	8.6	0.0	33.5	56
09/03/2024 15:50	7.1	309	7	9.0	0.0	33.2	57
09/03/2024 16:00	6.5	316	7	8.2	0.0	33.4	56
09/03/2024 16:10	6.1	308	9	7.9	0.0	33.7	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/03/2024 16:20	5.9	301	9	7.9	0.0	34.3	50
09/03/2024 16:30	6.6	314	6	8.6	0.0	33.4	55
09/03/2024 16:40	5.9	313	8	9.3	0.0	33.3	57
09/03/2024 16:50	6.3	307	11	8.7	0.0	33.4	55
09/03/2024 17:00	7.1	287	7	9.1	0.0	33.9	51
09/03/2024 17:10	6.9	290	7	9.3	0.0	33.7	52
09/03/2024 17:20	6.3	290	8	8.3	0.0	33.2	57
09/03/2024 17:30	6.1	291	9	8.2	0.0	33.1	57
09/03/2024 17:40	6.0	295	9	8.0	0.0	32.7	59
09/03/2024 17:50	6.7	293	7	9.0	0.0	32.9	56
09/03/2024 18:00	7.3	297	6	9.0	0.0	32.5	59
09/03/2024 18:10	6.1	293	8	8.2	0.0	32.2	61
09/03/2024 18:20	5.9	278	8	7.9	0.0	32.2	63
09/03/2024 18:30	7.5	269	6	10.2	0.0	32.2	59
09/03/2024 18:40	7.8	275	6	10.5	0.0	32.0	58
09/03/2024 18:50	7.8	274	7	10.3	0.0	31.7	60
09/03/2024 19:00	8.4	273	5	11.5	0.0	31.4	63
09/03/2024 19:10	7.0	280	7	9.2	0.0	31.1	65
09/03/2024 19:20	7.0	278	8	9.5	0.0	30.9	68
09/03/2024 19:30	7.2	276	7	9.7	0.0	30.7	70
09/03/2024 19:40	7.2	273	5	9.5	0.0	30.5	72
09/03/2024 19:50	6.9	271	7	9.6	0.0	30.4	74
09/03/2024 20:00	7.1	277	6	9.0	0.0	30.4	74
09/03/2024 20:10	7.3	275	5	9.7	0.0	30.3	75
09/03/2024 20:20	6.5	277	9	9.1	0.0	30.3	75
09/03/2024 20:30	6.6	278	7	8.4	0.0	30.3	74
09/03/2024 20:40	6.7	274	7	8.2	0.0	30.4	73
09/03/2024 20:50	6.2	277	6	8.7	0.0	30.4	72
09/03/2024 21:00	6.2	276	8	8.8	0.0	30.4	73
09/03/2024 21:10	6.9	279	6	8.8	0.0	30.3	72
09/03/2024 21:20	6.1	282	6	7.5	0.0	30.3	72
09/03/2024 21:30	6.4	279	7	8.2	0.0	30.3	70
09/03/2024 21:40	6.8	277	6	9.2	0.0	30.4	67
09/03/2024 21:50	7.0	274	5	9.0	0.0	30.5	66
09/03/2024 22:00	7.5	272	6	10.3	0.0	30.5	65
09/03/2024 22:10	7.2	274	6	9.9	0.0	30.3	67
09/03/2024 22:20	7.7	271	5	9.9	0.0	30.2	69
09/03/2024 22:30	6.9	273	6	9.9	0.0	30.0	71
09/03/2024 22:40	7.0	274	6	9.0	0.0	30.0	72
09/03/2024 22:50	6.5	273	7	8.5	0.0	30.0	72
09/03/2024 23:00	6.7	277	6	8.7	0.0	29.9	72
09/03/2024 23:10	6.3	280	7	8.5	0.0	29.9	71
09/03/2024 23:20	6.6	277	7	9.0	0.0	29.9	70
09/03/2024 23:30	6.0	280	7	8.1	0.0	29.9	70
09/03/2024 23:40	6.9	282	7	9.9	0.0	29.9	70
09/03/2024 23:50	7.2	281	6	9.4	0.0	29.9	70
10/03/2024 00:00	6.9	282	7	9.8	0.0	29.8	71
10/03/2024 00:10	6.9	281	7	9.0	0.0	29.7	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/03/2024 00:20	7.1	283	7	9.4	0.0	29.7	72
10/03/2024 00:30	6.9	282	7	9.0	0.0	29.6	72
10/03/2024 00:40	7.2	280	6	9.7	0.0	29.7	71
10/03/2024 00:50	7.5	280	7	10.3	0.0	29.7	71
10/03/2024 01:00	7.2	279	7	9.4	0.0	29.7	71
10/03/2024 01:10	7.6	278	7	10.5	0.0	29.6	71
10/03/2024 01:20	8.1	274	6	10.6	0.0	29.6	72
10/03/2024 01:30	8.3	272	6	10.9	0.0	29.7	71
10/03/2024 01:40	7.3	274	7	10.0	0.0	29.7	70
10/03/2024 01:50	8.0	276	6	10.9	0.0	29.8	69
10/03/2024 02:00	7.5	271	6	10.2	0.0	29.7	70
10/03/2024 02:10	7.4	267	6	10.0	0.0	29.7	70
10/03/2024 02:20	8.1	267	6	10.7	0.0	29.7	70
10/03/2024 02:30	7.1	268	7	9.5	0.0	29.7	70
10/03/2024 02:40	7.5	271	6	10.1	0.0	29.6	71
10/03/2024 02:50	7.6	271	6	9.6	0.0	29.6	71
10/03/2024 03:00	6.7	269	7	9.4	0.0	29.6	72
10/03/2024 03:10	6.2	269	6	8.7	0.0	29.5	73
10/03/2024 03:20	6.5	268	6	8.4	0.0	29.5	74
10/03/2024 03:30	5.4	272	5	7.2	0.0	29.5	75
10/03/2024 03:40	5.7	271	5	7.5	0.0	29.5	76
10/03/2024 03:50	5.0	269	5	6.6	0.0	29.5	76
10/03/2024 04:00	4.9	268	6	6.4	0.0	29.4	77
10/03/2024 04:10	4.9	270	5	6.6	0.0	29.4	78
10/03/2024 04:20	4.1	261	6	5.1	0.0	29.4	79
10/03/2024 04:30	3.5	265	6	4.6	0.0	29.3	80
10/03/2024 04:40	3.2	266	7	4.2	0.0	29.1	79
10/03/2024 04:50	2.9	264	7	3.9	0.0	29.2	74
10/03/2024 05:00	3.9	269	5	4.9	0.0	29.4	63
10/03/2024 05:10	3.6	270	4	4.3	0.0	29.4	58
10/03/2024 05:20	3.2	268	5	3.9	0.0	29.3	56
10/03/2024 05:30	2.8	266	10	4.3	0.0	29.1	54
10/03/2024 05:40	2.8	271	7	3.5	0.0	29.1	53
10/03/2024 05:50	3.1	269	8	4.3	0.0	28.9	52
10/03/2024 06:00	2.9	271	11	4.5	0.0	29.1	50
10/03/2024 06:10	2.1	264	16	3.0	0.0	29.2	51
10/03/2024 06:20	1.1	250	28	2.6	0.0	29.0	53
10/03/2024 06:30	2.2	207	12	3.3	0.0	28.9	54
10/03/2024 06:40	2.5	199	11	3.4	0.0	28.8	54
10/03/2024 06:50	1.7	185	14	2.8	0.0	28.4	56
10/03/2024 07:00	1.5	180	17	2.1	0.0	28.6	60
10/03/2024 07:10	1.9	139	16	3.1	0.0	29.5	65
10/03/2024 07:20	2.2	121	18	3.8	0.0	29.5	69
10/03/2024 07:30	2.6	137	16	4.1	0.0	29.6	71
10/03/2024 07:40	2.5	123	19	4.2	0.0	29.6	74
10/03/2024 07:50	2.5	122	17	4.6	0.0	29.6	76
10/03/2024 08:00	3.1	134	19	5.2	0.0	30.0	76
10/03/2024 08:10	3.5	127	19	6.0	0.0	30.3	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/03/2024 08:20	3.8	124	18	6.3	0.0	30.6	75
10/03/2024 08:30	4.5	114	12	6.4	0.0	30.8	73
10/03/2024 08:40	4.9	114	12	7.7	0.0	30.9	71
10/03/2024 08:50	5.6	112	10	7.9	0.0	31.1	70
10/03/2024 09:00	6.0	113	10	8.4	0.0	31.4	69
10/03/2024 09:10	6.0	113	9	7.7	0.0	31.5	69
10/03/2024 09:20	5.2	107	13	8.2	0.0	32.1	67
10/03/2024 09:30	5.2	104	13	8.1	0.0	32.5	66
10/03/2024 09:40	6.0	93	9	7.7	0.0	32.3	66
10/03/2024 09:50	5.4	92	11	8.0	0.0	32.6	66
10/03/2024 10:00	5.9	87	9	8.3	0.0	32.7	64
10/03/2024 10:10	6.3	88	8	8.0	0.0	32.5	65
10/03/2024 10:20	6.3	86	7	8.6	0.0	32.7	65
10/03/2024 10:30	6.6	87	6	9.0	0.0	32.6	66
10/03/2024 10:40	6.2	74	8	8.5	0.0	33.0	66
10/03/2024 10:50	7.0	68	7	8.6	0.0	32.3	70
10/03/2024 11:00	7.0	72	8	8.7	0.0	32.0	72
10/03/2024 11:10	6.4	82	9	9.1	0.0	32.4	70
10/03/2024 11:20	6.5	64	10	8.9	0.0	32.7	69
10/03/2024 11:30	6.8	58	8	8.8	0.0	32.2	69
10/03/2024 11:40	6.6	56	7	8.7	0.0	32.3	68
10/03/2024 11:50	6.6	58	9	8.9	0.0	32.6	68
10/03/2024 12:00	6.2	60	7	8.5	0.0	32.5	67
10/03/2024 12:10	5.6	66	11	8.0	0.0	32.9	66
10/03/2024 12:20	6.0	58	11	8.3	0.0	32.5	67
10/03/2024 12:30	5.9	57	10	8.0	0.0	32.4	68
10/03/2024 12:40	5.8	57	10	7.9	0.0	32.6	67
10/03/2024 12:50	5.7	54	10	8.0	0.0	32.6	66
10/03/2024 13:00	5.3	50	9	7.0	0.0	33.0	65
10/03/2024 13:10	5.7	57	8	7.1	0.0	32.8	64
10/03/2024 13:20	5.8	66	7	7.7	0.0	32.9	63
10/03/2024 13:30	5.8	66	9	7.4	0.0	33.3	62
10/03/2024 13:40	6.0	65	9	7.6	0.0	33.4	60
10/03/2024 13:50	5.9	63	10	7.8	0.0	33.8	58
10/03/2024 14:00	5.8	66	10	7.4	0.0	34.2	53
10/03/2024 14:10	5.7	63	9	7.5	0.0	34.3	51
10/03/2024 14:20	5.7	55	9	7.7	0.0	34.8	47
10/03/2024 14:30	5.6	59	7	7.4	0.0	34.5	44
10/03/2024 14:40	5.2	65	9	6.7	0.0	34.7	42
10/03/2024 14:50	4.9	67	10	6.9	0.0	35.3	41
10/03/2024 15:00	5.1	15	12	6.7	0.0	34.9	49
10/03/2024 15:10	5.5	13	9	6.8	0.0	34.2	51
10/03/2024 15:20	5.9	16	8	7.6	0.0	33.8	56
10/03/2024 15:30	6.0	17	9	7.9	0.0	33.7	59
10/03/2024 15:40	5.8	348	12	8.4	0.0	33.3	61
10/03/2024 15:50	6.2	340	9	8.3	0.0	32.5	63
10/03/2024 16:00	6.3	347	10	7.9	0.0	31.9	64
10/03/2024 16:10	6.6	342	9	8.6	0.0	31.9	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/03/2024 16:20	6.9	329	9	9.1	0.0	31.6	66
10/03/2024 16:30	6.4	323	11	8.6	0.0	31.6	64
10/03/2024 16:40	6.0	307	11	7.8	0.0	31.5	69
10/03/2024 16:50	5.9	318	11	8.2	0.0	31.5	68
10/03/2024 17:00	5.9	307	11	8.1	0.0	31.4	67
10/03/2024 17:10	6.7	293	9	8.6	0.0	31.4	67
10/03/2024 17:20	6.8	289	9	8.8	0.0	31.2	66
10/03/2024 17:30	6.0	287	9	7.5	0.0	31.4	62
10/03/2024 17:40	7.1	265	8	9.7	0.0	31.0	71
10/03/2024 17:50	7.5	271	6	9.9	0.0	30.6	71
10/03/2024 18:00	7.7	264	6	10.1	0.0	30.4	71
10/03/2024 18:10	7.0	268	7	9.3	0.0	30.4	68
10/03/2024 18:20	6.7	267	7	8.7	0.0	30.6	65
10/03/2024 18:30	6.2	269	7	7.7	0.0	30.7	63
10/03/2024 18:40	5.6	276	7	7.1	0.0	30.7	63
10/03/2024 18:50	5.1	273	7	6.5	0.0	30.9	62
10/03/2024 19:00	4.1	272	8	5.4	0.0	31.1	60
10/03/2024 19:10	3.5	276	5	4.6	0.0	31.0	62
10/03/2024 19:20	3.2	281	6	4.0	0.0	30.9	64
10/03/2024 19:30	3.1	287	8	4.1	0.0	30.8	64
10/03/2024 19:40	3.6	294	6	4.6	0.0	30.8	65
10/03/2024 19:50	3.5	281	7	4.4	0.0	30.9	65
10/03/2024 20:00	3.9	284	10	5.4	0.0	30.9	65
10/03/2024 20:10	3.7	304	11	5.3	0.0	30.3	75
10/03/2024 20:20	3.7	301	10	5.3	0.0	29.8	78
10/03/2024 20:30	3.5	305	11	4.8	0.0	29.7	79
10/03/2024 20:40	3.7	293	9	4.7	0.0	29.9	77
10/03/2024 20:50	4.5	296	7	5.9	0.0	30.1	78
10/03/2024 21:00	4.7	290	7	6.2	0.0	30.0	80
10/03/2024 21:10	4.9	294	7	7.0	0.0	29.5	86
10/03/2024 21:20	5.3	295	8	7.0	0.0	29.4	86
10/03/2024 21:30	5.1	283	8	7.1	0.0	29.5	84
10/03/2024 21:40	5.4	277	7	7.6	0.0	29.6	81
10/03/2024 21:50	5.6	277	7	7.4	0.0	29.6	79
10/03/2024 22:00	5.5	282	8	7.0	0.0	29.5	79
10/03/2024 22:10	5.5	280	6	7.2	0.0	29.3	80
10/03/2024 22:20	5.5	279	8	7.4	0.0	29.3	80
10/03/2024 22:30	5.9	277	7	8.1	0.0	29.2	80
10/03/2024 22:40	6.1	281	7	7.7	0.0	29.2	80
10/03/2024 22:50	5.7	281	7	7.6	0.0	29.2	80
10/03/2024 23:00	6.4	279	6	8.3	0.0	29.2	79
10/03/2024 23:10	6.1	275	6	7.9	0.0	29.2	79
10/03/2024 23:20	6.1	276	6	7.9	0.0	29.2	78
10/03/2024 23:30	5.5	274	6	7.2	0.0	29.3	78
10/03/2024 23:40	5.9	278	6	7.8	0.0	29.3	77
10/03/2024 23:50	5.6	281	8	7.6	0.0	29.2	77
11/03/2024 00:00	5.7	280	6	7.4	0.0	29.1	76
11/03/2024 00:10	5.5	278	6	7.0	0.0	29.1	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/03/2024 00:20	4.8	288	8	6.3	0.0	29.1	77
11/03/2024 00:30	5.2	292	7	6.9	0.0	28.8	80
11/03/2024 00:40	6.0	296	6	7.2	0.0	28.5	81
11/03/2024 00:50	6.2	288	7	8.0	0.0	28.5	81
11/03/2024 01:00	5.9	286	6	7.9	0.0	28.5	80
11/03/2024 01:10	5.3	284	7	6.9	0.0	28.4	81
11/03/2024 01:20	5.8	279	6	7.3	0.0	28.4	81
11/03/2024 01:30	5.3	280	8	6.9	0.0	28.3	81
11/03/2024 01:40	5.2	285	7	6.9	0.0	28.3	81
11/03/2024 01:50	4.5	284	7	5.8	0.0	28.2	82
11/03/2024 02:00	5.0	288	8	6.4	0.0	28.2	82
11/03/2024 02:10	4.7	289	6	6.1	0.0	28.2	82
11/03/2024 02:20	5.2	289	6	6.9	0.0	28.2	82
11/03/2024 02:30	4.6	284	7	6.4	0.0	28.2	82
11/03/2024 02:40	5.1	284	6	6.8	0.0	28.3	82
11/03/2024 02:50	5.0	282	6	6.2	0.0	28.2	82
11/03/2024 03:00	4.8	279	6	6.2	0.0	28.2	81
11/03/2024 03:10	4.9	279	6	5.9	0.0	28.3	81
11/03/2024 03:20	4.6	281	6	6.3	0.0	28.3	81
11/03/2024 03:30	4.5	276	6	5.8	0.0	28.4	81
11/03/2024 03:40	4.1	276	6	5.2	0.0	28.4	81
11/03/2024 03:50	4.6	274	6	6.0	0.0	28.4	82
11/03/2024 04:00	4.6	272	6	6.0	0.0	28.4	82
11/03/2024 04:10	4.6	266	7	5.8	0.0	28.4	82
11/03/2024 04:20	4.4	262	6	5.5	0.0	28.4	82
11/03/2024 04:30	5.2	264	5	6.3	0.0	28.4	82
11/03/2024 04:40	4.3	273	5	5.4	0.0	28.4	82
11/03/2024 04:50	4.8	278	5	5.9	0.0	28.4	82
11/03/2024 05:00	4.4	278	6	5.8	0.0	28.4	82
11/03/2024 05:10	4.6	284	6	5.8	0.0	28.3	82
11/03/2024 05:20	5.0	280	6	6.4	0.0	28.3	82
11/03/2024 05:30	4.0	288	6	5.3	0.0	28.3	83
11/03/2024 05:40	3.8	286	7	5.3	0.0	28.1	83
11/03/2024 05:50	4.8	291	5	5.8	0.0	28.1	83
11/03/2024 06:00	4.6	288	5	5.8	0.0	28.0	83
11/03/2024 06:10	4.4	291	6	5.6	0.0	28.0	84
11/03/2024 06:20	4.8	287	5	5.9	0.0	28.0	84
11/03/2024 06:30	4.3	290	6	5.8	0.0	27.9	84
11/03/2024 06:40	4.8	286	7	5.8	0.0	28.0	84
11/03/2024 06:50	4.7	272	5	6.0	0.0	28.2	83
11/03/2024 07:00	4.9	276	7	6.1	0.0	28.5	82
11/03/2024 07:10	5.2	277	5	6.4	0.0	28.6	82
11/03/2024 07:20	4.4	270	8	5.8	0.0	28.9	81
11/03/2024 07:30	4.9	269	6	6.0	0.0	28.8	81
11/03/2024 07:40	4.8	271	6	6.1	0.0	28.9	81
11/03/2024 07:50	4.8	271	12	6.0	0.0	29.0	81
11/03/2024 08:00	5.0	259	7	5.9	0.0	29.0	80
11/03/2024 08:10	4.9	268	8	6.1	0.0	29.2	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/03/2024 08:20	5.1	266	11	6.6	0.0	29.5	79
11/03/2024 08:30	4.8	264	8	6.1	0.0	29.7	77
11/03/2024 08:40	5.0	259	7	6.4	0.0	29.9	76
11/03/2024 08:50	4.4	271	10	5.5	0.0	30.1	75
11/03/2024 09:00	4.7	268	8	6.0	0.0	30.4	74
11/03/2024 09:10	4.4	265	11	6.3	0.0	30.6	73
11/03/2024 09:20	3.8	267	10	5.2	0.0	30.8	71
11/03/2024 09:30	3.6	284	12	4.9	0.0	30.8	71
11/03/2024 09:40	3.7	283	10	5.2	0.0	31.1	71
11/03/2024 09:50	2.9	288	17	4.0	0.0	31.2	70
11/03/2024 10:00	3.0	296	14	4.3	0.0	31.5	69
11/03/2024 10:10	2.6	285	18	4.4	0.0	32.0	67
11/03/2024 10:20	2.4	281	12	3.7	0.0	32.1	66
11/03/2024 10:30	2.7	318	17	4.3	0.0	31.9	67
11/03/2024 10:40	2.7	323	23	4.0	0.0	32.2	66
11/03/2024 10:50	3.1	356	17	5.5	0.0	32.8	63
11/03/2024 11:00	4.6	332	11	6.4	0.0	32.3	64
11/03/2024 11:10	5.1	334	9	6.6	0.0	31.4	69
11/03/2024 11:20	4.7	337	11	6.3	0.0	31.4	68
11/03/2024 11:30	5.3	327	8	6.8	0.0	31.3	69
11/03/2024 11:40	5.4	325	8	6.7	0.0	31.2	68
11/03/2024 11:50	5.4	325	7	6.7	0.0	31.3	67
11/03/2024 12:00	4.9	328	10	6.8	0.0	31.7	64
11/03/2024 12:10	4.7	332	9	5.9	0.0	31.8	63
11/03/2024 12:20	4.7	329	10	5.7	0.0	32.0	64
11/03/2024 12:30	4.3	328	10	5.8	0.0	32.0	63
11/03/2024 12:40	4.8	326	8	6.2	0.0	32.2	63
11/03/2024 12:50	4.9	321	10	6.9	0.0	32.1	64
11/03/2024 13:00	5.3	323	10	7.2	0.0	31.9	64
11/03/2024 13:10	5.7	326	8	7.8	0.0	31.6	65
11/03/2024 13:20	6.0	330	9	7.5	0.0	31.7	64
11/03/2024 13:30	7.0	323	9	8.9	0.0	31.5	64
11/03/2024 13:40	6.7	321	13	9.1	0.0	31.7	64
11/03/2024 13:50	7.1	322	10	9.7	0.0	31.8	63
11/03/2024 14:00	7.4	325	10	10.3	0.0	31.4	65
11/03/2024 14:10	6.3	320	13	9.2	0.0	32.1	63
11/03/2024 14:20	7.4	315	10	10.1	0.0	31.7	65
11/03/2024 14:30	7.6	313	8	10.7	0.0	31.5	66
11/03/2024 14:40	7.1	312	9	9.8	0.0	31.2	68
11/03/2024 14:50	7.4	310	11	10.6	0.0	31.1	68
11/03/2024 15:00	7.3	306	10	10.1	0.0	31.0	68
11/03/2024 15:10	7.2	305	10	10.8	0.0	30.7	67
11/03/2024 15:20	7.4	310	11	10.3	0.0	30.8	65
11/03/2024 15:30	7.0	312	12	9.8	0.0	30.7	67
11/03/2024 15:40	6.9	303	11	10.1	0.0	30.5	70
11/03/2024 15:50	7.2	310	11	9.9	0.0	30.4	71
11/03/2024 16:00	7.1	302	11	10.3	0.0	30.5	70
11/03/2024 16:10	6.8	294	11	9.0	0.0	30.3	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/03/2024 16:20	6.6	290	10	9.1	0.0	30.6	68
11/03/2024 16:30	6.4	289	11	9.2	0.0	30.8	67
11/03/2024 16:40	7.2	284	8	9.3	0.0	30.6	67
11/03/2024 16:50	7.2	285	7	9.6	0.0	30.5	67
11/03/2024 17:00	7.0	284	8	9.5	0.0	30.4	68
11/03/2024 17:10	7.7	285	7	9.8	0.0	30.4	68
11/03/2024 17:20	8.3	288	7	10.3	0.0	30.1	68
11/03/2024 17:30	8.0	288	7	10.5	0.0	29.9	70
11/03/2024 17:40	8.1	285	6	10.5	0.0	29.8	69
11/03/2024 17:50	7.4	287	7	10.3	0.0	29.9	68
11/03/2024 18:00	8.1	289	8	10.5	0.0	29.7	68
11/03/2024 18:10	8.0	291	7	10.9	0.0	29.5	70
11/03/2024 18:20	7.3	290	8	9.5	0.0	29.4	72
11/03/2024 18:30	7.7	292	6	10.1	0.0	29.1	74
11/03/2024 18:40	7.9	290	7	11.1	0.0	28.9	75
11/03/2024 18:50	7.6	289	6	9.9	0.0	28.8	75
11/03/2024 19:00	7.2	287	7	9.9	0.0	28.7	77
11/03/2024 19:10	6.9	287	9	9.4	0.0	28.6	78
11/03/2024 19:20	7.1	286	9	10.2	0.0	28.7	77
11/03/2024 19:30	6.4	285	8	9.0	0.0	28.6	79
11/03/2024 19:40	8.0	284	7	11.2	0.0	28.4	79
11/03/2024 19:50	8.0	282	7	10.6	0.0	28.3	81
11/03/2024 20:00	7.1	282	8	9.6	0.0	28.2	81
11/03/2024 20:10	8.0	284	6	10.3	0.0	28.1	82
11/03/2024 20:20	7.7	279	8	10.8	0.0	28.1	83
11/03/2024 20:30	7.9	282	6	10.0	0.0	28.1	83
11/03/2024 20:40	7.6	279	7	9.9	0.0	28.1	83
11/03/2024 20:50	7.3	281	8	10.2	0.0	28.1	83
11/03/2024 21:00	7.5	281	7	10.4	0.0	28.1	83
11/03/2024 21:10	8.7	275	6	11.0	0.0	28.2	82
11/03/2024 21:20	8.2	276	6	10.6	0.0	28.1	83
11/03/2024 21:30	7.8	271	7	10.7	0.0	28.2	82
11/03/2024 21:40	8.1	269	7	10.7	0.0	28.2	81
11/03/2024 21:50	7.8	268	6	10.0	0.0	28.1	81
11/03/2024 22:00	7.7	262	7	10.3	0.0	28.2	81
11/03/2024 22:10	7.4	266	7	10.1	0.0	28.1	81
11/03/2024 22:20	7.7	266	8	9.4	0.0	28.1	81
11/03/2024 22:30	7.2	262	6	9.2	0.0	28.1	81
11/03/2024 22:40	6.5	264	7	8.6	0.0	28.1	82
11/03/2024 22:50	6.7	270	7	8.5	0.0	28.0	82
11/03/2024 23:00	6.5	265	6	8.5	0.0	28.0	83
11/03/2024 23:10	6.2	271	9	7.9	0.0	28.0	83
11/03/2024 23:20	6.4	275	7	8.3	0.0	28.0	84
11/03/2024 23:30	6.3	277	7	8.4	0.0	28.0	84
11/03/2024 23:40	5.9	274	7	8.0	0.0	28.0	84
11/03/2024 23:50	5.6	273	8	7.7	0.0	28.0	84
12/03/2024 00:00	5.1	270	8	7.1	0.0	28.0	84
12/03/2024 00:10	5.2	274	7	6.5	0.0	27.9	84



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/03/2024 00:20	5.8	278	6	7.4	0.0	27.9	84
12/03/2024 00:30	5.3	279	7	7.3	0.0	27.8	84
12/03/2024 00:40	5.4	277	6	7.0	0.0	27.8	84
12/03/2024 00:50	5.9	277	7	7.9	0.0	27.7	84
12/03/2024 01:00	5.7	280	6	7.9	0.0	27.7	84
12/03/2024 01:10	5.5	271	8	7.4	0.0	27.7	83
12/03/2024 01:20	5.7	267	8	7.2	0.0	27.7	82
12/03/2024 01:30	5.5	269	7	7.3	0.0	27.7	81
12/03/2024 01:40	5.5	274	8	7.9	0.0	27.7	81
12/03/2024 01:50	5.4	270	8	7.2	0.0	27.7	81
12/03/2024 02:00	5.7	272	7	7.8	0.0	27.6	81
12/03/2024 02:10	5.2	275	9	6.5	0.0	27.6	82
12/03/2024 02:20	5.6	274	7	7.4	0.0	27.6	82
12/03/2024 02:30	5.7	275	6	7.6	0.0	27.6	82
12/03/2024 02:40	5.5	278	6	7.3	0.0	27.6	82
12/03/2024 02:50	5.1	279	8	6.5	0.0	27.6	82
12/03/2024 03:00	4.9	280	7	6.4	0.0	27.6	82
12/03/2024 03:10	5.1	276	7	6.2	0.0	27.6	81
12/03/2024 03:20	4.9	280	7	6.4	0.0	27.6	81
12/03/2024 03:30	4.4	283	8	6.5	0.0	27.6	82
12/03/2024 03:40	4.1	289	7	5.4	0.0	27.4	84
12/03/2024 03:50	4.3	282	9	5.5	0.0	27.4	83
12/03/2024 04:00	4.5	287	7	5.9	0.0	27.4	84
12/03/2024 04:10	5.2	292	7	6.6	0.0	27.3	84
12/03/2024 04:20	5.4	296	6	6.5	0.0	27.3	85
12/03/2024 04:30	4.6	296	8	6.3	0.0	27.3	85
12/03/2024 04:40	4.3	294	6	5.5	0.0	27.2	85
12/03/2024 04:50	4.5	293	6	5.9	0.0	27.2	84
12/03/2024 05:00	4.6	296	7	6.2	0.0	27.2	85
12/03/2024 05:10	4.5	294	6	6.0	0.0	27.2	85
12/03/2024 05:20	5.1	294	6	6.5	0.0	27.1	85
12/03/2024 05:30	4.7	292	6	6.3	0.0	27.1	85
12/03/2024 05:40	4.8	294	6	6.5	0.0	27.1	85
12/03/2024 05:50	5.0	293	7	6.6	0.0	27.1	84
12/03/2024 06:00	4.8	291	8	6.4	0.0	27.1	84
12/03/2024 06:10	4.7	294	6	6.0	0.0	27.1	84
12/03/2024 06:20	4.7	293	7	6.5	0.0	27.1	84
12/03/2024 06:30	4.6	294	6	6.0	0.0	27.1	84
12/03/2024 06:40	4.4	290	6	5.7	0.0	27.2	84
12/03/2024 06:50	4.2	292	7	5.8	0.0	27.3	83
12/03/2024 07:00	4.5	293	7	6.1	0.0	27.4	83
12/03/2024 07:10	4.5	294	8	6.1	0.0	27.5	82
12/03/2024 07:20	5.2	295	7	6.5	0.0	27.6	82
12/03/2024 07:30	5.3	296	6	6.8	0.0	27.7	81
12/03/2024 07:40	5.2	292	8	7.0	0.0	27.9	80
12/03/2024 07:50	4.8	295	9	6.8	0.0	28.0	79
12/03/2024 08:00	4.8	288	9	7.3	0.0	28.2	78
12/03/2024 08:10	5.2	288	9	6.5	0.0	28.4	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/03/2024 08:20	5.0	291	13	7.0	0.0	28.5	76
12/03/2024 08:30	4.9	281	12	7.1	0.0	28.9	75
12/03/2024 08:40	5.5	280	10	7.1	0.0	28.9	74
12/03/2024 08:50	5.4	274	10	7.6	0.0	29.1	73
12/03/2024 09:00	5.2	277	11	7.5	0.0	29.1	73
12/03/2024 09:10	5.2	272	14	7.2	0.0	29.4	71
12/03/2024 09:20	4.9	268	10	6.9	0.0	29.6	69
12/03/2024 09:30	5.3	269	12	6.9	0.0	29.5	70
12/03/2024 09:40	5.2	266	14	7.0	0.0	29.5	69
12/03/2024 09:50	5.3	264	14	7.7	0.0	29.6	69
12/03/2024 10:00	5.4	268	11	7.9	0.0	29.7	68
12/03/2024 10:10	5.1	273	12	7.0	0.0	30.1	66
12/03/2024 10:20	5.8	274	13	8.1	0.0	29.8	68
12/03/2024 10:30	5.7	265	14	7.8	0.0	30.1	68
12/03/2024 10:40	5.8	273	9	7.8	0.0	30.0	68
12/03/2024 10:50	5.9	270	14	8.2	0.0	30.3	68
12/03/2024 11:00	6.3	268	10	8.7	0.0	30.4	68
12/03/2024 11:10	6.1	288	9	8.8	0.0	30.5	69
12/03/2024 11:20	6.4	286	16	8.7	0.0	30.1	70
12/03/2024 11:30	6.6	286	10	9.5	0.0	30.5	69
12/03/2024 11:40	6.5	284	10	9.6	0.0	30.4	68
12/03/2024 11:50	6.6	287	11	8.8	0.0	30.6	67
12/03/2024 12:00	6.2	287	12	8.9	0.0	30.6	67
12/03/2024 12:10	6.3	280	11	8.3	0.0	30.7	66
12/03/2024 12:20	6.0	287	12	8.8	0.0	30.4	67
12/03/2024 12:30	6.0	280	10	8.5	0.0	30.8	66
12/03/2024 12:40	5.2	299	14	8.4	0.0	31.0	65
12/03/2024 12:50	6.1	277	8	8.0	0.0	31.1	63
12/03/2024 13:00	6.2	279	10	8.0	0.0	31.3	60
12/03/2024 13:10	6.4	289	10	8.5	0.0	31.2	60
12/03/2024 13:20	5.7	291	11	9.2	0.0	31.4	59
12/03/2024 13:30	5.7	295	18	8.2	0.0	31.7	58
12/03/2024 13:40	5.6	299	17	7.8	0.0	31.8	58
12/03/2024 13:50	6.7	279	8	9.2	0.0	31.4	57
12/03/2024 14:00	6.9	276	7	8.7	0.0	31.2	57
12/03/2024 14:10	5.9	280	12	8.5	0.0	31.7	56
12/03/2024 14:20	6.5	279	9	8.7	0.0	32.0	54
12/03/2024 14:30	6.8	278	7	9.4	0.0	31.8	56
12/03/2024 14:40	6.5	285	9	9.2	0.0	31.3	59
12/03/2024 14:50	6.8	283	9	9.9	0.0	31.5	59
12/03/2024 15:00	6.9	287	10	9.6	0.0	31.3	62
12/03/2024 15:10	6.2	307	12	8.8	0.0	31.0	64
12/03/2024 15:20	6.2	305	14	9.7	0.0	31.1	63
12/03/2024 15:30	6.4	298	12	9.2	0.0	31.2	63
12/03/2024 15:40	6.7	296	14	10.1	0.0	30.8	65
12/03/2024 15:50	6.6	303	14	9.8	0.0	30.5	66
12/03/2024 16:00	6.6	302	12	9.4	0.0	30.3	68
12/03/2024 16:10	6.1	294	12	8.4	0.0	30.8	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/03/2024 16:20	6.6	299	13	9.4	0.0	30.4	67
12/03/2024 16:30	6.2	310	11	8.7	0.0	29.9	70
12/03/2024 16:40	6.3	307	12	8.7	0.0	29.9	71
12/03/2024 16:50	6.0	306	10	8.6	0.0	29.6	72
12/03/2024 17:00	6.0	311	11	9.0	0.0	29.8	72
12/03/2024 17:10	5.2	303	15	8.2	0.0	29.7	73
12/03/2024 17:20	5.3	311	14	8.5	0.0	29.6	73
12/03/2024 17:30	5.6	316	12	8.6	0.0	29.4	74
12/03/2024 17:40	5.7	301	12	8.2	0.0	29.3	74
12/03/2024 17:50	5.4	303	12	7.6	0.0	29.3	74
12/03/2024 18:00	5.2	307	12	7.7	0.0	29.2	74
12/03/2024 18:10	6.0	308	11	9.2	0.0	28.9	76
12/03/2024 18:20	5.9	312	10	8.2	0.0	28.6	78
12/03/2024 18:30	6.2	299	11	8.8	0.0	28.5	78
12/03/2024 18:40	5.7	293	10	8.1	0.0	28.5	78
12/03/2024 18:50	6.1	291	7	8.2	0.0	28.3	79
12/03/2024 19:00	6.1	290	7	8.2	0.0	28.2	80
12/03/2024 19:10	6.0	292	7	8.2	0.0	28.2	80
12/03/2024 19:20	6.0	291	7	8.4	0.0	28.2	80
12/03/2024 19:30	5.6	289	8	7.9	0.0	28.1	81
12/03/2024 19:40	5.3	291	9	8.0	0.0	28.1	81
12/03/2024 19:50	5.4	287	8	7.5	0.0	28.0	80
12/03/2024 20:00	5.4	290	7	7.8	0.0	28.0	81
12/03/2024 20:10	5.5	292	9	7.9	0.0	27.9	81
12/03/2024 20:20	5.3	289	8	7.3	0.0	27.9	82
12/03/2024 20:30	5.2	290	8	7.5	0.0	27.9	81
12/03/2024 20:40	4.9	300	10	7.0	0.0	27.9	82
12/03/2024 20:50	5.0	309	11	7.8	0.0	27.8	82
12/03/2024 21:00	5.0	302	11	7.5	0.0	27.8	82
12/03/2024 21:10	4.3	301	11	7.0	0.0	27.7	82
12/03/2024 21:20	4.2	302	13	6.3	0.0	27.7	83
12/03/2024 21:30	4.5	294	11	6.5	0.0	27.6	83
12/03/2024 21:40	4.9	287	7	6.8	0.0	27.6	83
12/03/2024 21:50	4.9	289	7	7.1	0.0	27.6	83
12/03/2024 22:00	4.6	287	8	6.2	0.0	27.5	83
12/03/2024 22:10	5.1	285	7	7.0	0.0	27.5	83
12/03/2024 22:20	5.1	283	6	7.1	0.0	27.5	83
12/03/2024 22:30	4.8	282	7	6.7	0.0	27.5	83
12/03/2024 22:40	4.9	279	6	6.3	0.0	27.5	82
12/03/2024 22:50	4.3	281	9	5.6	0.0	27.4	83
12/03/2024 23:00	4.9	282	7	6.6	0.0	27.4	83
12/03/2024 23:10	4.6	280	8	6.4	0.0	27.4	82
12/03/2024 23:20	4.6	282	7	6.1	0.0	27.4	82
12/03/2024 23:30	4.5	281	8	5.7	0.0	27.4	82
12/03/2024 23:40	4.9	280	7	6.7	0.0	27.4	81
12/03/2024 23:50	4.9	285	6	6.1	0.0	27.3	81
13/03/2024 00:00	5.0	282	7	6.3	0.0	27.3	79
13/03/2024 00:10	4.6	282	7	6.4	0.0	27.4	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/03/2024 00:20	4.4	275	8	5.7	0.0	27.4	80
13/03/2024 00:30	4.5	272	7	5.6	0.0	27.4	78
13/03/2024 00:40	4.4	278	9	5.7	0.0	27.3	79
13/03/2024 00:50	4.2	285	6	5.5	0.0	27.3	79
13/03/2024 01:00	4.1	286	7	5.5	0.0	27.2	80
13/03/2024 01:10	3.5	287	8	4.7	0.0	27.2	80
13/03/2024 01:20	4.2	288	5	5.7	0.0	27.2	81
13/03/2024 01:30	3.9	283	10	5.6	0.0	27.2	80
13/03/2024 01:40	4.7	272	8	6.0	0.0	27.3	78
13/03/2024 01:50	4.9	276	8	6.6	0.0	27.3	78
13/03/2024 02:00	4.8	263	8	6.2	0.0	27.3	78
13/03/2024 02:10	4.5	270	8	5.7	0.0	27.3	77
13/03/2024 02:20	4.9	257	6	6.7	0.0	27.2	77
13/03/2024 02:30	4.5	265	8	5.6	0.0	27.2	76
13/03/2024 02:40	4.5	263	7	5.7	0.0	27.1	77
13/03/2024 02:50	3.8	247	14	5.5	0.0	27.2	77
13/03/2024 03:00	3.7	260	9	5.1	0.0	27.0	78
13/03/2024 03:10	3.4	260	7	4.5	0.0	26.9	79
13/03/2024 03:20	3.8	250	11	5.1	0.0	27.0	77
13/03/2024 03:30	3.8	235	7	4.9	0.0	27.1	76
13/03/2024 03:40	3.1	240	11	4.8	0.0	27.1	77
13/03/2024 03:50	3.3	253	11	4.8	0.0	26.9	78
13/03/2024 04:00	2.7	267	8	3.8	0.0	26.5	80
13/03/2024 04:10	2.4	266	9	3.6	0.0	26.4	80
13/03/2024 04:20	2.5	267	6	3.3	0.0	26.4	80
13/03/2024 04:30	1.9	264	10	2.9	0.0	26.4	81
13/03/2024 04:40	2.8	265	7	3.7	0.0	26.4	81
13/03/2024 04:50	2.3	260	9	3.4	0.0	26.4	81
13/03/2024 05:00	1.3	209	16	2.2	0.0	26.3	81
13/03/2024 05:10	1.6	235	26	2.9	0.0	26.4	81
13/03/2024 05:20	2.5	244	11	3.6	0.0	26.7	80
13/03/2024 05:30	2.1	243	13	3.3	0.0	26.6	80
13/03/2024 05:40	2.1	254	20	3.5	0.0	26.6	80
13/03/2024 05:50	1.8	271	25	3.1	0.0	26.4	81
13/03/2024 06:00	1.6	305	15	2.3	0.0	26.1	82
13/03/2024 06:10	1.1	278	41	2.5	0.0	26.1	82
13/03/2024 06:20	1.5	257	40	3.0	0.0	26.2	82
13/03/2024 06:30	1.2	308	45	2.2	0.0	26.1	83
13/03/2024 06:40	0.6	245	79	1.1	0.0	26.1	83
13/03/2024 06:50	0.7	75	48	1.5	0.0	26.3	82
13/03/2024 07:00	0.5	188	52	1.1	0.0	26.6	82
13/03/2024 07:10	0.5	215	58	1.4	0.0	26.9	81
13/03/2024 07:20	1.2	230	29	2.3	0.0	27.1	80
13/03/2024 07:30	1.0	252	25	2.1	0.0	27.2	80
13/03/2024 07:40	1.3	284	13	2.1	0.0	27.3	79
13/03/2024 07:50	1.7	289	12	2.7	0.0	27.5	78
13/03/2024 08:00	1.4	298	18	2.1	0.0	27.6	78
13/03/2024 08:10	1.0	299	49	2.1	0.0	27.9	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/03/2024 08:20	1.1	190	27	2.4	0.0	28.1	75
13/03/2024 08:30	1.5	195	28	2.7	0.0	28.6	69
13/03/2024 08:40	1.8	125	34	2.9	0.0	29.0	71
13/03/2024 08:50	2.6	76	12	3.7	0.0	29.0	72
13/03/2024 09:00	2.7	82	12	3.8	0.0	29.1	72
13/03/2024 09:10	2.0	82	18	3.1	0.0	29.1	72
13/03/2024 09:20	1.2	106	37	2.4	0.0	29.6	70
13/03/2024 09:30	1.7	184	22	2.7	0.0	29.7	65
13/03/2024 09:40	2.0	90	20	3.5	0.0	30.7	65
13/03/2024 09:50	2.6	96	26	4.4	0.0	30.8	66
13/03/2024 10:00	3.0	124	14	4.7	0.0	30.4	67
13/03/2024 10:10	2.4	144	15	3.9	0.0	30.0	69
13/03/2024 10:20	2.3	136	16	3.4	0.0	30.3	68
13/03/2024 10:30	2.2	79	21	4.3	0.0	30.9	66
13/03/2024 10:40	1.7	87	38	3.2	0.0	31.6	63
13/03/2024 10:50	1.7	92	42	3.3	0.0	31.4	63
13/03/2024 11:00	1.7	333	52	3.8	0.0	32.0	57
13/03/2024 11:10	2.2	310	30	3.2	0.0	31.9	58
13/03/2024 11:20	2.0	53	25	3.4	0.0	32.2	55
13/03/2024 11:30	2.3	24	23	3.8	0.0	32.6	55
13/03/2024 11:40	2.7	37	15	4.3	0.0	32.6	56
13/03/2024 11:50	2.7	350	29	5.7	0.0	32.6	53
13/03/2024 12:00	3.6	326	13	5.2	0.0	32.8	47
13/03/2024 12:10	3.6	343	23	5.7	0.0	32.6	45
13/03/2024 12:20	3.8	170	14	5.4	0.0	32.8	45
13/03/2024 12:30	3.5	343	18	5.3	0.0	33.1	44
13/03/2024 12:40	3.8	8	19	5.3	0.0	33.1	44
13/03/2024 12:50	3.8	190	14	5.0	0.0	33.1	43
13/03/2024 13:00	4.3	350	11	5.7	0.0	32.6	45
13/03/2024 13:10	4.9	350	12	7.1	0.0	32.9	42
13/03/2024 13:20	5.4	5	13	7.7	0.0	33.0	49
13/03/2024 13:30	6.1	7	13	8.7	0.0	32.7	50
13/03/2024 13:40	6.1	179	14	8.6	0.0	32.2	50
13/03/2024 13:50	6.1	356	11	7.9	0.0	31.9	50
13/03/2024 14:00	5.9	353	11	7.6	0.0	31.8	51
13/03/2024 14:10	6.4	349	13	8.3	0.0	31.8	50
13/03/2024 14:20	6.6	336	9	9.3	0.0	31.2	52
13/03/2024 14:30	6.6	345	9	9.1	0.0	31.5	50
13/03/2024 14:40	7.3	337	8	9.0	0.0	30.9	52
13/03/2024 14:50	6.9	340	11	9.2	0.0	30.9	55
13/03/2024 15:00	7.3	341	8	9.3	0.0	31.0	53
13/03/2024 15:10	7.0	337	11	9.7	0.0	30.8	56
13/03/2024 15:20	7.7	337	13	10.3	0.0	30.8	58
13/03/2024 15:30	7.5	343	11	9.7	0.0	30.6	59
13/03/2024 15:40	8.0	346	9	10.7	0.0	30.3	61
13/03/2024 15:50	7.6	346	10	9.9	0.0	30.2	62
13/03/2024 16:00	7.8	342	9	10.0	0.0	29.9	62
13/03/2024 16:10	7.8	349	8	10.1	0.0	30.1	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/03/2024 16:20	7.2	347	9	9.5	0.0	30.1	61
13/03/2024 16:30	7.6	341	9	10.1	0.0	30.0	61
13/03/2024 16:40	7.3	338	8	9.8	0.0	29.8	63
13/03/2024 16:50	7.1	335	10	9.3	0.0	29.8	62
13/03/2024 17:00	6.6	339	10	9.0	0.0	29.7	63
13/03/2024 17:10	7.2	338	8	9.3	0.0	29.8	62
13/03/2024 17:20	7.1	341	9	9.2	0.0	29.9	60
13/03/2024 17:30	7.3	344	9	9.6	0.0	29.7	62
13/03/2024 17:40	7.0	340	8	9.6	0.0	29.6	61
13/03/2024 17:50	6.2	331	9	8.7	0.0	29.7	61
13/03/2024 18:00	6.4	336	9	8.6	0.0	29.6	61
13/03/2024 18:10	6.5	337	8	8.0	0.0	29.5	61
13/03/2024 18:20	6.2	342	9	8.0	0.0	29.6	59
13/03/2024 18:30	6.2	336	9	8.9	0.0	29.4	61
13/03/2024 18:40	5.9	338	10	7.8	0.0	29.3	63
13/03/2024 18:50	5.8	331	8	7.3	0.0	29.2	64
13/03/2024 19:00	5.5	331	8	7.9	0.0	29.2	63
13/03/2024 19:10	5.2	334	9	7.5	0.0	29.2	63
13/03/2024 19:20	5.6	332	8	7.8	0.0	29.2	64
13/03/2024 19:30	4.7	334	10	6.8	0.0	29.2	62
13/03/2024 19:40	4.7	331	9	6.9	0.0	29.2	62
13/03/2024 19:50	4.9	326	8	6.5	0.0	29.1	64
13/03/2024 20:00	4.3	325	10	6.0	0.0	29.1	64
13/03/2024 20:10	3.5	331	12	5.1	0.0	29.1	64
13/03/2024 20:20	3.0	341	12	4.2	0.0	29.1	64
13/03/2024 20:30	3.5	342	12	5.2	0.0	29.1	63
13/03/2024 20:40	2.8	349	12	4.4	0.0	29.1	64
13/03/2024 20:50	2.4	343	13	3.6	0.0	29.0	65
13/03/2024 21:00	2.7	343	12	3.8	0.0	29.0	65
13/03/2024 21:10	3.2	343	12	4.5	0.0	29.0	66
13/03/2024 21:20	2.9	344	13	4.5	0.0	28.9	67
13/03/2024 21:30	3.0	326	14	4.4	0.0	28.9	68
13/03/2024 21:40	2.4	333	16	3.7	0.0	28.8	70
13/03/2024 21:50	2.3	322	20	4.0	0.0	28.7	71
13/03/2024 22:00	2.3	323	19	3.9	0.0	28.7	71
13/03/2024 22:10	2.0	312	24	3.4	0.0	28.6	72
13/03/2024 22:20	1.6	328	22	3.2	0.0	28.6	73
13/03/2024 22:30	1.4	302	49	3.2	0.0	28.5	73
13/03/2024 22:40	1.7	299	23	2.7	0.0	28.5	73
13/03/2024 22:50	1.8	287	16	2.4	0.0	28.5	71
13/03/2024 23:00	1.5	299	14	2.6	0.0	28.6	69
13/03/2024 23:10	1.8	275	12	2.2	0.0	28.6	68
13/03/2024 23:20	1.5	283	13	2.2	0.0	28.7	67
13/03/2024 23:30	1.9	297	9	2.9	0.0	28.7	66
13/03/2024 23:40	2.1	276	8	2.8	0.0	28.8	66
13/03/2024 23:50	1.7	266	11	2.4	0.0	28.8	65
14/03/2024 00:00	1.9	278	6	2.3	0.0	28.8	63
14/03/2024 00:10	2.1	282	9	2.9	0.0	28.8	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/03/2024 00:20	2.1	254	12	3.0	0.0	28.8	66
14/03/2024 00:30	2.4	237	11	3.4	0.0	28.9	64
14/03/2024 00:40	1.8	219	12	2.6	0.0	28.9	64
14/03/2024 00:50	1.8	209	13	2.5	0.0	28.9	64
14/03/2024 01:00	1.8	209	12	2.4	0.0	28.7	66
14/03/2024 01:10	1.1	209	21	1.9	0.0	28.7	65
14/03/2024 01:20	1.5	197	9	2.1	0.0	28.7	66
14/03/2024 01:30	2.0	197	8	2.6	0.0	28.5	68
14/03/2024 01:40	2.1	181	8	2.7	0.0	28.5	69
14/03/2024 01:50	1.6	187	10	2.1	0.0	28.3	71
14/03/2024 02:00	1.8	194	11	2.5	0.0	28.3	71
14/03/2024 02:10	2.3	179	8	3.0	0.0	28.3	70
14/03/2024 02:20	2.1	182	9	2.9	0.0	28.4	70
14/03/2024 02:30	2.5	191	7	3.2	0.0	28.2	70
14/03/2024 02:40	2.9	198	7	4.1	0.0	28.2	70
14/03/2024 02:50	2.5	190	11	3.5	0.0	28.1	72
14/03/2024 03:00	2.2	188	10	3.1	0.0	28.0	72
14/03/2024 03:10	2.0	194	10	2.6	0.0	28.0	72
14/03/2024 03:20	1.8	186	10	2.3	0.0	28.1	71
14/03/2024 03:30	1.5	166	18	2.1	0.0	28.3	69
14/03/2024 03:40	1.5	177	15	2.0	0.0	28.4	68
14/03/2024 03:50	1.7	180	14	2.3	0.0	28.4	67
14/03/2024 04:00	0.9	157	31	1.6	0.0	28.4	66
14/03/2024 04:10	1.3	130	23	2.2	0.0	28.4	65
14/03/2024 04:20	0.9	139	37	1.5	0.0	28.3	64
14/03/2024 04:30	1.9	180	8	2.5	0.0	28.4	62
14/03/2024 04:40	1.2	140	23	1.7	0.0	28.5	61
14/03/2024 04:50	0.8	147	29	1.2	0.0	28.5	61
14/03/2024 05:00	1.3	121	9	1.9	0.0	28.6	59
14/03/2024 05:10	1.0	152	22	1.5	0.0	28.7	59
14/03/2024 05:20	1.2	105	11	1.7	0.0	28.7	59
14/03/2024 05:30	1.3	105	12	2.0	0.0	28.4	63
14/03/2024 05:40	1.3	119	14	2.0	0.0	28.6	59
14/03/2024 05:50	1.6	125	10	2.2	0.0	28.7	58
14/03/2024 06:00	1.7	132	12	2.8	0.0	28.6	59
14/03/2024 06:10	1.9	131	11	2.6	0.0	28.7	58
14/03/2024 06:20	1.6	125	16	2.7	0.0	28.5	60
14/03/2024 06:30	1.5	119	19	2.7	0.0	28.5	60
14/03/2024 06:40	1.6	128	14	2.5	0.0	28.5	62
14/03/2024 06:50	1.7	125	10	2.4	0.0	28.7	61
14/03/2024 07:00	1.6	124	14	2.4	0.0	28.9	60
14/03/2024 07:10	1.8	132	12	2.4	0.0	29.1	59
14/03/2024 07:20	2.0	135	14	3.0	0.0	29.5	54
14/03/2024 07:30	1.8	132	12	2.5	0.0	30.0	49
14/03/2024 07:40	1.7	129	17	2.9	0.0	30.6	47
14/03/2024 07:50	2.4	122	13	3.8	0.0	30.7	50
14/03/2024 08:00	2.3	123	17	4.3	0.0	30.3	54
14/03/2024 08:10	2.1	132	21	3.1	0.0	30.4	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/03/2024 08:20	2.6	125	17	3.7	0.0	30.8	53
14/03/2024 08:30	2.8	118	15	4.9	0.0	30.9	54
14/03/2024 08:40	3.3	110	13	4.7	0.0	30.9	53
14/03/2024 08:50	3.4	110	14	5.3	0.0	31.2	52
14/03/2024 09:00	3.5	105	16	5.3	0.0	31.5	50
14/03/2024 09:10	3.1	109	17	4.5	0.0	31.9	48
14/03/2024 09:20	3.5	113	15	4.9	0.0	32.1	45
14/03/2024 09:30	3.2	98	19	4.5	0.0	32.0	43
14/03/2024 09:40	3.7	82	11	5.0	0.0	31.7	46
14/03/2024 09:50	4.0	86	11	5.9	0.0	31.9	44
14/03/2024 10:00	4.3	74	10	5.9	0.0	32.1	40
14/03/2024 10:10	5.0	59	8	6.7	0.0	31.9	42
14/03/2024 10:20	5.5	62	11	7.7	0.0	32.3	41
14/03/2024 10:30	6.7	56	9	9.1	0.0	32.4	43
14/03/2024 10:40	6.8	61	10	9.2	0.0	32.7	44
14/03/2024 10:50	6.8	63	11	9.3	0.0	32.6	46
14/03/2024 11:00	7.2	69	10	9.3	0.0	32.6	43
14/03/2024 11:10	7.4	66	8	10.0	0.0	32.4	44
14/03/2024 11:20	6.9	65	13	9.2	0.0	32.5	45
14/03/2024 11:30	6.2	65	12	8.0	0.0	32.2	49
14/03/2024 11:40	5.2	64	14	7.4	0.0	32.4	50
14/03/2024 11:50	5.6	51	11	7.4	0.0	32.2	50
14/03/2024 12:00	5.4	60	13	7.4	0.0	32.2	50
14/03/2024 12:10	5.9	65	12	8.5	0.0	32.2	49
14/03/2024 12:20	5.7	64	9	8.4	0.0	32.3	51
14/03/2024 12:30	6.0	63	11	8.1	0.0	32.0	52
14/03/2024 12:40	6.4	64	9	9.3	0.0	32.0	51
14/03/2024 12:50	6.6	60	10	9.5	0.0	32.2	50
14/03/2024 13:00	7.2	66	8	9.4	0.0	31.9	52
14/03/2024 13:10	6.5	64	11	9.3	0.0	32.2	52
14/03/2024 13:20	6.9	61	10	9.8	0.0	32.0	53
14/03/2024 13:30	6.5	64	10	8.9	0.0	32.4	53
14/03/2024 13:40	7.6	60	9	9.7	0.0	32.0	54
14/03/2024 13:50	7.2	61	9	10.0	0.0	32.2	54
14/03/2024 14:00	6.6	64	10	9.4	0.0	32.5	54
14/03/2024 14:10	7.0	55	8	9.6	0.0	32.3	55
14/03/2024 14:20	7.7	56	7	10.0	0.0	32.3	53
14/03/2024 14:30	8.0	58	6	11.0	0.0	32.4	54
14/03/2024 14:40	8.4	59	6	10.9	0.0	32.1	54
14/03/2024 14:50	8.6	56	7	11.2	0.0	32.4	51
14/03/2024 15:00	7.7	61	9	10.5	0.0	32.5	52
14/03/2024 15:10	7.3	64	9	9.9	0.0	32.5	53
14/03/2024 15:20	7.3	59	9	9.2	0.0	32.5	53
14/03/2024 15:30	7.3	57	7	9.8	0.0	32.2	54
14/03/2024 15:40	7.4	62	7	9.8	0.0	31.9	56
14/03/2024 15:50	8.0	57	6	10.7	0.0	31.9	57
14/03/2024 16:00	6.7	58	7	9.5	0.0	32.0	58
14/03/2024 16:10	6.7	60	10	8.7	0.0	32.0	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/03/2024 16:20	6.5	64	8	8.9	0.0	31.8	60
14/03/2024 16:30	6.7	65	7	9.0	0.0	31.6	61
14/03/2024 16:40	6.4	62	8	8.3	0.0	31.4	63
14/03/2024 16:50	6.0	62	9	8.3	0.0	31.3	64
14/03/2024 17:00	5.5	68	10	7.9	0.0	31.2	65
14/03/2024 17:10	5.8	74	10	8.0	0.0	31.1	66
14/03/2024 17:20	6.3	72	12	9.1	0.0	31.3	66
14/03/2024 17:30	6.3	79	9	9.0	0.0	31.2	66
14/03/2024 17:40	6.0	78	10	7.8	0.0	31.1	67
14/03/2024 17:50	5.0	78	11	6.8	0.0	31.1	68
14/03/2024 18:00	5.9	80	9	7.7	0.0	30.9	69
14/03/2024 18:10	6.0	80	7	7.7	0.0	30.7	71
14/03/2024 18:20	6.3	75	7	8.3	0.0	30.5	72
14/03/2024 18:30	6.5	78	7	8.8	0.0	30.4	72
14/03/2024 18:40	6.3	80	7	8.5	0.0	30.3	73
14/03/2024 18:50	6.1	77	6	8.4	0.0	30.2	73
14/03/2024 19:00	5.6	81	9	8.6	0.0	30.4	73
14/03/2024 19:10	6.6	75	7	9.1	0.0	30.2	73
14/03/2024 19:20	6.7	73	8	9.1	0.0	30.2	73
14/03/2024 19:30	5.6	72	9	7.7	0.0	30.1	74
14/03/2024 19:40	6.0	72	8	8.4	0.0	30.0	75
14/03/2024 19:50	5.7	76	8	8.1	0.0	29.9	76
14/03/2024 20:00	5.8	75	7	8.4	0.0	29.9	77
14/03/2024 20:10	5.4	80	8	7.5	0.0	29.8	77
14/03/2024 20:20	6.6	79	7	8.7	0.0	29.8	76
14/03/2024 20:30	5.8	76	8	8.0	0.0	29.7	76
14/03/2024 20:40	5.7	74	8	7.9	0.0	29.7	76
14/03/2024 20:50	5.5	71	10	7.8	0.0	29.7	76
14/03/2024 21:00	5.7	65	7	7.4	0.0	29.6	77
14/03/2024 21:10	5.6	67	8	7.2	0.0	29.5	77
14/03/2024 21:20	5.1	69	8	7.4	0.0	29.5	78
14/03/2024 21:30	5.8	71	8	7.4	0.0	29.6	78
14/03/2024 21:40	5.3	66	9	7.2	0.0	29.5	79
14/03/2024 21:50	5.4	69	8	7.4	0.0	29.5	79
14/03/2024 22:00	5.4	70	9	7.4	0.0	29.4	80
14/03/2024 22:10	5.4	72	8	6.9	0.0	29.4	81
14/03/2024 22:20	4.9	74	7	6.8	0.0	29.3	81
14/03/2024 22:30	4.5	78	8	6.8	0.0	29.3	82
14/03/2024 22:40	4.8	79	9	6.7	0.0	29.4	82
14/03/2024 22:50	5.1	72	8	7.0	0.0	29.3	82
14/03/2024 23:00	5.0	78	7	6.5	0.0	29.3	82
14/03/2024 23:10	4.7	81	7	6.3	0.0	29.3	82
14/03/2024 23:20	4.8	82	8	6.4	0.0	29.3	83
14/03/2024 23:30	5.3	83	6	6.9	0.0	29.3	82
14/03/2024 23:40	4.8	73	8	6.6	0.0	29.3	82
14/03/2024 23:50	5.4	77	6	6.6	0.0	29.2	82
15/03/2024 00:00	4.7	78	8	6.1	0.0	29.2	82
15/03/2024 00:10	4.3	78	8	6.2	0.0	29.1	81



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/03/2024 00:20	4.4	82	7	6.4	0.0	29.2	81
15/03/2024 00:30	4.2	75	7	5.6	0.0	29.1	80
15/03/2024 00:40	4.1	79	7	5.5	0.0	29.1	80
15/03/2024 00:50	4.6	79	7	6.1	0.0	29.0	79
15/03/2024 01:00	4.5	81	7	5.9	0.0	29.0	79
15/03/2024 01:10	4.4	80	7	5.7	0.0	28.9	80
15/03/2024 01:20	4.1	84	6	5.3	0.0	28.9	80
15/03/2024 01:30	3.4	81	7	4.8	0.0	28.9	80
15/03/2024 01:40	3.4	87	7	4.9	0.0	28.9	80
15/03/2024 01:50	3.7	89	7	5.3	0.0	28.9	81
15/03/2024 02:00	3.6	81	6	4.8	0.0	28.9	80
15/03/2024 02:10	3.7	81	5	4.9	0.0	28.8	81
15/03/2024 02:20	3.5	87	7	4.8	0.0	28.9	82
15/03/2024 02:30	3.0	89	8	4.3	0.0	28.9	82
15/03/2024 02:40	2.8	90	8	3.9	0.0	28.9	82
15/03/2024 02:50	3.5	89	6	5.1	0.0	28.9	82
15/03/2024 03:00	3.6	88	8	4.8	0.0	28.9	82
15/03/2024 03:10	3.5	84	7	4.8	0.0	29.0	82
15/03/2024 03:20	3.9	81	6	5.7	0.0	28.9	82
15/03/2024 03:30	3.9	83	7	5.6	0.0	29.0	82
15/03/2024 03:40	4.3	85	6	5.7	0.0	29.1	82
15/03/2024 03:50	4.5	96	11	6.1	0.0	29.2	80
15/03/2024 04:00	4.0	106	12	6.1	0.0	29.2	79
15/03/2024 04:10	4.1	110	12	6.0	0.0	29.2	79
15/03/2024 04:20	4.3	110	11	6.5	0.0	29.2	79
15/03/2024 04:30	5.3	115	9	7.6	0.0	29.2	79
15/03/2024 04:40	4.8	115	10	6.9	0.0	29.2	79
15/03/2024 04:50	3.7	114	13	5.7	0.0	29.2	81
15/03/2024 05:00	4.3	115	11	6.1	0.0	29.1	83
15/03/2024 05:10	4.7	114	10	6.8	0.0	29.0	83
15/03/2024 05:20	5.0	112	10	6.8	0.0	28.9	83
15/03/2024 05:30	4.7	105	12	7.7	0.0	29.0	83
15/03/2024 05:40	5.7	112	10	7.5	0.0	28.9	83
15/03/2024 05:50	5.5	104	12	8.2	0.0	29.0	81
15/03/2024 06:00	5.4	101	12	8.1	0.0	29.1	81
15/03/2024 06:10	6.1	94	9	8.6	0.0	29.0	81
15/03/2024 06:20	5.7	91	8	8.0	0.0	29.0	81
15/03/2024 06:30	7.1	92	8	10.3	0.0	29.1	80
15/03/2024 06:40	6.6	93	9	9.8	0.0	29.2	81
15/03/2024 06:50	5.9	99	11	9.9	0.0	29.1	82
15/03/2024 07:00	6.3	97	11	9.3	0.0	29.2	82
15/03/2024 07:10	6.3	105	12	9.8	0.0	29.3	82
15/03/2024 07:20	6.3	105	13	9.0	0.0	29.3	82
15/03/2024 07:30	6.5	103	12	9.9	0.0	29.5	82
15/03/2024 07:40	7.1	99	10	11.0	0.0	29.4	82
15/03/2024 07:50	6.7	101	10	9.9	0.0	29.6	82
15/03/2024 08:00	6.4	100	13	9.2	0.0	29.9	81
15/03/2024 08:10	6.4	103	13	9.5	0.0	30.1	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/03/2024 08:20	7.3	98	11	10.7	0.0	30.2	79
15/03/2024 08:30	6.4	100	12	10.1	0.0	30.4	79
15/03/2024 08:40	7.3	95	10	11.3	0.0	30.3	79
15/03/2024 08:50	7.4	90	10	11.0	0.0	30.5	78
15/03/2024 09:00	9.1	92	8	12.3	0.0	30.8	76
15/03/2024 09:10	8.2	91	9	11.6	0.0	30.9	75
15/03/2024 09:20	7.4	92	11	11.3	0.0	31.4	73
15/03/2024 09:30	8.0	89	8	11.3	0.0	31.3	73
15/03/2024 09:40	9.0	90	9	13.0	0.0	31.4	73
15/03/2024 09:50	8.9	84	8	12.5	0.0	31.5	71
15/03/2024 10:00	9.2	84	7	12.1	0.0	31.5	71
15/03/2024 10:10	8.6	91	9	12.1	0.0	31.4	73
15/03/2024 10:20	7.4	87	10	11.1	0.0	31.9	71
15/03/2024 10:30	7.5	86	8	10.1	0.0	32.3	69
15/03/2024 10:40	8.0	82	9	11.2	0.0	32.2	69
15/03/2024 10:50	7.4	87	8	10.3	0.0	32.1	69
15/03/2024 11:00	7.9	86	9	11.2	0.0	32.3	69
15/03/2024 11:10	7.8	86	9	12.0	0.0	32.5	68
15/03/2024 11:20	7.9	87	9	10.5	0.0	32.6	67
15/03/2024 11:30	7.6	85	8	10.9	0.0	32.4	68
15/03/2024 11:40	9.0	87	8	12.3	0.0	32.4	67
15/03/2024 11:50	8.1	89	9	12.3	0.0	32.5	68
15/03/2024 12:00	8.7	90	10	11.5	0.0	32.5	68
15/03/2024 12:10	8.6	91	9	12.6	0.0	32.6	68
15/03/2024 12:20	9.6	91	8	12.7	0.0	32.4	68
15/03/2024 12:30	8.5	87	8	12.1	0.0	32.7	66
15/03/2024 12:40	8.7	91	8	12.5	0.0	32.7	67
15/03/2024 12:50	8.4	85	8	12.0	0.0	33.3	64
15/03/2024 13:00	9.6	80	9	13.0	0.0	32.8	66
15/03/2024 13:10	9.5	75	8	12.1	0.0	32.2	68
15/03/2024 13:20	8.5	78	9	11.7	0.0	32.9	66
15/03/2024 13:30	10.0	77	8	12.9	0.0	32.1	69
15/03/2024 13:40	9.8	80	7	13.5	0.0	32.1	69
15/03/2024 13:50	9.7	82	7	13.3	0.0	32.3	67
15/03/2024 14:00	8.8	80	10	11.5	0.0	32.5	67
15/03/2024 14:10	7.6	65	9	11.7	0.0	32.9	66
15/03/2024 14:20	8.7	65	7	12.6	0.0	32.3	68
15/03/2024 14:30	8.6	66	8	11.7	0.0	32.4	68
15/03/2024 14:40	7.3	75	9	10.6	0.0	33.1	66
15/03/2024 14:50	8.0	84	8	11.3	0.0	32.4	68
15/03/2024 15:00	7.3	71	9	10.6	0.0	32.8	65
15/03/2024 15:10	8.4	61	8	11.6	0.0	32.3	66
15/03/2024 15:20	8.8	61	7	12.0	0.0	32.3	65
15/03/2024 15:30	9.0	69	8	11.9	0.0	32.2	65
15/03/2024 15:40	8.5	66	7	11.5	0.0	32.1	67
15/03/2024 15:50	8.7	59	8	10.8	0.0	31.9	68
15/03/2024 16:00	9.0	56	6	11.8	0.0	31.7	68
15/03/2024 16:10	8.7	53	9	12.6	0.0	31.8	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/03/2024 16:20	7.7	58	9	11.3	0.0	31.9	69
15/03/2024 16:30	7.9	63	8	10.9	0.0	31.5	70
15/03/2024 16:40	7.8	62	9	12.5	0.0	31.8	68
15/03/2024 16:50	8.2	62	8	11.4	0.0	31.4	69
15/03/2024 17:00	7.6	54	9	10.6	0.0	31.2	70
15/03/2024 17:10	7.6	57	9	10.8	0.0	31.2	70
15/03/2024 17:20	8.1	62	8	11.8	0.0	31.1	70
15/03/2024 17:30	8.0	58	8	10.7	0.0	30.9	71
15/03/2024 17:40	7.7	64	6	10.6	0.0	30.7	72
15/03/2024 17:50	7.0	60	8	9.8	0.0	30.6	73
15/03/2024 18:00	7.0	61	8	9.5	0.0	30.4	73
15/03/2024 18:10	7.6	64	7	10.7	0.0	30.3	74
15/03/2024 18:20	7.2	64	8	10.4	0.0	30.1	75
15/03/2024 18:30	7.4	64	7	9.6	0.0	30.0	76
15/03/2024 18:40	7.2	65	8	10.5	0.0	29.9	77
15/03/2024 18:50	7.6	65	7	10.7	0.0	29.9	77
15/03/2024 19:00	6.9	64	7	9.7	0.0	29.9	77
15/03/2024 19:10	6.5	65	8	9.5	0.0	30.0	77
15/03/2024 19:20	7.0	66	7	9.8	0.0	29.9	78
15/03/2024 19:30	6.7	66	8	9.7	0.0	29.9	78
15/03/2024 19:40	7.4	65	7	9.7	0.0	29.8	79
15/03/2024 19:50	7.5	65	7	10.8	0.0	29.8	79
15/03/2024 20:00	7.5	66	7	9.9	0.0	29.7	80
15/03/2024 20:10	7.3	67	6	9.8	0.0	29.7	80
15/03/2024 20:20	6.8	68	6	9.3	0.0	29.6	80
15/03/2024 20:30	6.7	67	7	8.9	0.0	29.6	79
15/03/2024 20:40	7.8	68	6	10.7	0.0	29.6	79
15/03/2024 20:50	7.0	66	6	10.0	0.0	29.6	79
15/03/2024 21:00	6.9	65	6	9.4	0.0	29.5	80
15/03/2024 21:10	7.7	69	7	9.8	0.0	29.4	80
15/03/2024 21:20	6.3	68	7	8.6	0.0	29.4	81
15/03/2024 21:30	6.3	67	7	8.6	0.0	29.4	82
15/03/2024 21:40	5.9	68	8	8.4	0.0	29.3	82
15/03/2024 21:50	5.3	67	7	7.3	0.0	29.2	82
15/03/2024 22:00	5.1	69	9	7.2	0.0	29.2	83
15/03/2024 22:10	5.4	73	8	7.2	0.0	29.2	83
15/03/2024 22:20	4.9	75	10	7.3	0.0	29.2	83
15/03/2024 22:30	4.9	77	8	6.6	0.0	29.2	83
15/03/2024 22:40	5.2	79	7	6.4	0.0	29.2	83
15/03/2024 22:50	4.6	81	6	6.8	0.0	29.2	82
15/03/2024 23:00	4.9	79	7	6.7	0.0	29.2	82
15/03/2024 23:10	4.3	83	7	6.3	0.0	29.2	82
15/03/2024 23:20	4.4	79	8	6.5	0.0	29.3	82
15/03/2024 23:30	4.8	80	7	6.6	0.0	29.2	82
15/03/2024 23:40	4.3	81	7	5.7	0.0	29.2	82
15/03/2024 23:50	4.5	78	7	5.8	0.0	29.2	81
16/03/2024 00:00	4.7	78	8	6.5	0.0	29.2	82
16/03/2024 00:10	4.5	74	7	6.0	0.0	29.2	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/03/2024 00:20	4.9	76	7	7.0	0.0	29.2	82
16/03/2024 00:30	4.5	81	7	5.9	0.0	29.2	82
16/03/2024 00:40	4.8	80	7	6.9	0.0	29.3	82
16/03/2024 00:50	4.9	76	8	6.5	0.0	29.3	82
16/03/2024 01:00	4.1	74	9	5.7	0.0	29.3	82
16/03/2024 01:10	4.3	73	8	5.9	0.0	29.3	82
16/03/2024 01:20	4.5	78	7	6.3	0.0	29.2	83
16/03/2024 01:30	4.4	78	8	6.2	0.0	29.1	83
16/03/2024 01:40	4.8	77	7	6.5	0.0	29.1	83
16/03/2024 01:50	4.4	80	6	5.7	0.0	29.0	84
16/03/2024 02:00	4.7	76	6	6.2	0.0	29.0	84
16/03/2024 02:10	4.5	81	7	5.9	0.0	29.0	84
16/03/2024 02:20	4.4	78	7	5.6	0.0	29.0	84
16/03/2024 02:30	4.0	72	7	5.1	0.0	29.0	84
16/03/2024 02:40	4.4	80	7	5.8	0.0	29.0	83
16/03/2024 02:50	3.6	81	8	4.8	0.0	29.1	84
16/03/2024 03:00	3.7	83	7	5.4	0.0	29.1	85
16/03/2024 03:10	3.9	85	7	5.2	0.0	29.1	83
16/03/2024 03:20	3.6	87	8	5.1	0.0	29.2	84
16/03/2024 03:30	4.1	98	13	5.8	0.0	29.3	82
16/03/2024 03:40	3.4	124	14	5.5	0.0	29.4	83
16/03/2024 03:50	3.5	140	12	5.5	0.0	29.1	83
16/03/2024 04:00	3.1	141	13	4.7	0.0	29.0	83
16/03/2024 04:10	3.3	137	15	5.1	0.0	29.1	84
16/03/2024 04:20	2.9	134	21	4.6	0.0	29.1	83
16/03/2024 04:30	3.8	141	12	6.0	0.0	29.1	83
16/03/2024 04:40	3.3	139	14	5.4	0.0	29.1	83
16/03/2024 04:50	3.4	139	13	5.8	0.0	29.0	83
16/03/2024 05:00	3.5	137	15	6.1	0.0	29.1	82
16/03/2024 05:10	3.1	136	18	5.6	0.0	29.1	82
16/03/2024 05:20	3.3	139	16	5.8	0.0	29.0	82
16/03/2024 05:30	3.0	136	17	4.9	0.0	29.0	82
16/03/2024 05:40	3.2	129	22	6.0	0.0	29.0	82
16/03/2024 05:50	3.1	122	19	5.2	0.0	29.1	82
16/03/2024 06:00	3.1	122	20	5.9	0.0	29.1	83
16/03/2024 06:10	4.4	114	14	6.8	0.0	29.1	83
16/03/2024 06:20	5.3	112	11	8.2	0.0	29.1	82
16/03/2024 06:30	4.6	115	15	7.6	0.0	29.1	82
16/03/2024 06:40	4.1	121	17	7.2	0.0	29.2	81
16/03/2024 06:50	4.2	113	17	8.4	0.0	29.4	80
16/03/2024 07:00	3.5	124	19	6.6	0.0	29.6	79
16/03/2024 07:10	3.8	123	20	7.9	0.0	29.7	78
16/03/2024 07:20	3.4	134	20	6.5	0.0	29.8	78
16/03/2024 07:30	3.9	135	16	7.9	0.0	29.8	78
16/03/2024 07:40	4.1	130	19	6.7	0.0	30.0	77
16/03/2024 07:50	3.9	116	16	7.6	0.0	30.4	76
16/03/2024 08:00	5.5	111	12	9.2	0.0	30.5	73
16/03/2024 08:10	5.0	121	19	8.8	0.0	30.8	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/03/2024 08:20	5.9	115	16	10.1	0.0	31.1	71
16/03/2024 08:30	7.7	109	10	11.8	0.0	31.0	71
16/03/2024 08:40	7.2	112	10	11.2	0.0	31.2	70
16/03/2024 08:50	7.8	110	11	10.9	0.0	31.4	68
16/03/2024 09:00	7.6	111	10	11.0	0.0	31.7	68
16/03/2024 09:10	7.8	111	9	12.0	0.0	31.8	67
16/03/2024 09:20	7.8	108	11	11.8	0.0	32.1	67
16/03/2024 09:30	7.3	108	12	11.5	0.0	32.3	67
16/03/2024 09:40	6.6	102	12	10.7	0.0	32.6	65
16/03/2024 09:50	7.1	106	12	10.8	0.0	32.8	64
16/03/2024 10:00	6.3	105	12	9.0	0.0	32.9	64
16/03/2024 10:10	7.5	91	8	10.3	0.0	33.2	63
16/03/2024 10:20	7.2	94	9	10.8	0.0	33.3	62
16/03/2024 10:30	8.2	90	8	11.2	0.0	33.4	60
16/03/2024 10:40	7.7	86	9	10.3	0.0	33.4	60
16/03/2024 10:50	8.3	86	7	11.8	0.0	33.3	61
16/03/2024 11:00	7.6	85	9	10.7	0.0	33.6	61
16/03/2024 11:10	8.0	85	8	11.6	0.0	33.7	61
16/03/2024 11:20	7.2	79	10	10.4	0.0	33.8	62
16/03/2024 11:30	7.7	83	9	11.4	0.0	33.7	61
16/03/2024 11:40	7.5	86	8	10.5	0.0	33.8	61
16/03/2024 11:50	7.8	81	9	11.1	0.0	34.1	59
16/03/2024 12:00	8.9	73	6	11.3	0.0	33.6	60
16/03/2024 12:10	8.5	80	9	11.6	0.0	33.9	59
16/03/2024 12:20	8.3	81	9	11.3	0.0	34.0	59
16/03/2024 12:30	8.5	81	8	11.5	0.0	33.7	60
16/03/2024 12:40	6.8	70	10	9.9	0.0	34.3	59
16/03/2024 12:50	7.6	64	9	10.5	0.0	34.1	59
16/03/2024 13:00	8.5	57	7	11.3	0.0	33.7	60
16/03/2024 13:10	8.4	61	8	11.5	0.0	33.6	60
16/03/2024 13:20	7.9	64	8	11.0	0.0	33.9	59
16/03/2024 13:30	8.1	63	8	11.4	0.0	33.9	59
16/03/2024 13:40	7.5	60	9	10.1	0.0	34.1	58
16/03/2024 13:50	8.3	55	8	10.8	0.0	33.8	60
16/03/2024 14:00	9.2	57	7	12.5	0.0	33.7	59
16/03/2024 14:10	9.5	59	8	12.5	0.0	33.7	55
16/03/2024 14:20	9.9	59	7	13.6	0.0	33.8	55
16/03/2024 14:30	9.4	60	8	12.6	0.0	33.7	56
16/03/2024 14:40	10.0	59	8	13.5	0.0	34.0	54
16/03/2024 14:50	10.7	56	7	13.9	0.0	33.6	55
16/03/2024 15:00	9.3	59	8	12.4	0.0	33.7	55
16/03/2024 15:10	9.6	59	7	13.7	0.0	33.3	58
16/03/2024 15:20	8.6	61	8	11.9	0.0	33.0	61
16/03/2024 15:30	9.6	58	8	13.0	0.0	33.0	62
16/03/2024 15:40	9.6	61	8	12.9	0.0	32.7	63
16/03/2024 15:50	8.9	59	8	12.5	0.0	32.5	65
16/03/2024 16:00	9.8	62	7	12.9	0.0	32.5	66
16/03/2024 16:10	9.4	62	9	12.6	0.0	32.2	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/03/2024 16:20	10.1	57	9	13.6	0.0	32.1	68
16/03/2024 16:30	9.6	61	7	12.5	0.0	32.0	69
16/03/2024 16:40	9.0	61	8	12.2	0.0	31.9	70
16/03/2024 16:50	9.5	61	8	12.7	0.0	31.6	71
16/03/2024 17:00	8.7	60	9	11.8	0.0	31.5	72
16/03/2024 17:10	9.1	60	8	11.9	0.0	31.4	72
16/03/2024 17:20	8.1	59	9	10.7	0.0	31.0	74
16/03/2024 17:30	7.7	60	8	10.9	0.0	31.0	74
16/03/2024 17:40	7.5	60	8	9.8	0.0	30.8	75
16/03/2024 17:50	7.8	60	6	10.4	0.0	30.5	76
16/03/2024 18:00	7.2	59	9	9.9	0.0	30.4	76
16/03/2024 18:10	7.4	59	8	11.0	0.0	30.3	76
16/03/2024 18:20	7.1	62	7	10.0	0.0	30.1	78
16/03/2024 18:30	7.8	66	6	10.2	0.0	30.0	77
16/03/2024 18:40	7.6	59	8	9.9	0.0	29.9	77
16/03/2024 18:50	7.8	59	7	11.0	0.0	29.6	78
16/03/2024 19:00	8.0	59	7	11.1	0.0	29.5	78
16/03/2024 19:10	7.9	61	8	10.6	0.0	29.5	79
16/03/2024 19:20	7.4	61	8	10.5	0.0	29.5	79
16/03/2024 19:30	7.2	62	8	10.1	0.0	29.6	79
16/03/2024 19:40	6.7	62	7	9.1	0.0	29.6	79
16/03/2024 19:50	6.7	55	8	10.4	0.0	29.7	78
16/03/2024 20:00	5.7	48	7	8.3	0.0	29.8	78
16/03/2024 20:10	6.8	43	8	9.2	0.0	29.8	79
16/03/2024 20:20	7.7	42	8	11.2	0.0	29.7	78
16/03/2024 20:30	7.0	49	7	10.3	0.0	29.6	79
16/03/2024 20:40	6.6	49	8	9.4	0.0	29.6	79
16/03/2024 20:50	5.5	51	9	7.8	0.0	29.7	78
16/03/2024 21:00	7.0	47	8	9.4	0.0	29.8	77
16/03/2024 21:10	7.1	53	8	9.5	0.0	29.8	76
16/03/2024 21:20	5.8	51	8	8.5	0.0	29.8	75
16/03/2024 21:30	6.1	49	7	9.3	0.0	29.8	74
16/03/2024 21:40	5.6	48	9	9.0	0.0	29.9	74
16/03/2024 21:50	5.3	58	7	7.4	0.0	29.8	75
16/03/2024 22:00	5.9	59	7	7.6	0.0	29.7	75
16/03/2024 22:10	4.2	70	9	5.8	0.0	29.6	77
16/03/2024 22:20	4.1	72	9	5.9	0.0	29.5	78
16/03/2024 22:30	3.9	72	8	5.5	0.0	29.5	79
16/03/2024 22:40	4.4	67	9	5.7	0.0	29.4	79
16/03/2024 22:50	3.7	65	8	4.9	0.0	29.4	80
16/03/2024 23:00	4.3	72	8	5.8	0.0	29.4	80
16/03/2024 23:10	4.4	67	8	5.7	0.0	29.3	81
16/03/2024 23:20	4.5	63	8	6.2	0.0	29.3	82
16/03/2024 23:30	4.2	63	8	6.2	0.0	29.2	83
16/03/2024 23:40	3.9	69	8	5.3	0.0	29.2	83
16/03/2024 23:50	4.0	67	8	5.4	0.0	29.2	84
17/03/2024 00:00	4.3	68	8	5.7	0.0	29.2	84
17/03/2024 00:10	4.2	72	9	5.6	0.0	29.1	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/03/2024 00:20	4.0	75	8	5.4	0.0	29.1	83
17/03/2024 00:30	4.0	82	6	5.3	0.0	29.1	82
17/03/2024 00:40	4.2	80	6	5.4	0.0	29.2	82
17/03/2024 00:50	3.7	79	7	5.0	0.0	29.1	82
17/03/2024 01:00	3.5	73	8	5.1	0.0	29.2	82
17/03/2024 01:10	3.3	75	8	4.6	0.0	29.1	82
17/03/2024 01:20	3.9	72	8	5.4	0.0	29.1	82
17/03/2024 01:30	3.5	73	8	4.7	0.0	29.2	82
17/03/2024 01:40	3.5	76	8	4.7	0.0	29.2	82
17/03/2024 01:50	3.5	69	9	4.4	0.0	29.2	82
17/03/2024 02:00	3.3	71	7	4.5	0.0	29.2	82
17/03/2024 02:10	3.2	73	7	4.2	0.0	29.1	83
17/03/2024 02:20	3.6	75	8	4.6	0.0	29.1	83
17/03/2024 02:30	3.8	77	7	4.7	0.0	29.1	83
17/03/2024 02:40	4.3	79	7	5.6	0.0	29.2	82
17/03/2024 02:50	4.3	72	7	5.8	0.0	29.2	82
17/03/2024 03:00	4.3	76	7	5.9	0.0	29.1	82
17/03/2024 03:10	4.3	77	7	5.9	0.0	29.1	82
17/03/2024 03:20	4.4	76	7	5.6	0.0	29.1	83
17/03/2024 03:30	3.9	71	8	5.5	0.0	29.1	82
17/03/2024 03:40	3.8	71	8	4.9	0.0	29.1	82
17/03/2024 03:50	4.0	76	6	5.2	0.0	29.1	82
17/03/2024 04:00	4.5	78	6	5.6	0.0	29.1	81
17/03/2024 04:10	4.2	75	7	5.5	0.0	29.1	81
17/03/2024 04:20	4.1	76	7	5.2	0.0	29.1	82
17/03/2024 04:30	4.1	69	7	5.2	0.0	29.0	82
17/03/2024 04:40	4.4	67	7	5.9	0.0	29.0	82
17/03/2024 04:50	4.5	66	7	5.8	0.0	29.1	82
17/03/2024 05:00	4.5	69	7	6.3	0.0	29.0	83
17/03/2024 05:10	4.7	69	7	6.5	0.0	29.1	82
17/03/2024 05:20	4.9	70	7	6.2	0.0	29.1	82
17/03/2024 05:30	4.2	75	8	5.8	0.0	29.1	82
17/03/2024 05:40	4.1	70	9	6.3	0.0	29.1	82
17/03/2024 05:50	4.9	71	8	6.3	0.0	29.1	82
17/03/2024 06:00	4.4	67	8	5.8	0.0	29.1	83
17/03/2024 06:10	3.5	69	7	5.3	0.0	29.1	83
17/03/2024 06:20	3.8	69	8	5.2	0.0	29.0	83
17/03/2024 06:30	3.6	75	8	4.6	0.0	29.0	83
17/03/2024 06:40	3.8	74	8	5.2	0.0	29.0	82
17/03/2024 06:50	3.7	74	9	5.3	0.0	29.1	82
17/03/2024 07:00	4.2	72	7	5.5	0.0	29.2	82
17/03/2024 07:10	4.7	74	8	6.3	0.0	29.3	82
17/03/2024 07:20	4.7	70	10	5.8	0.0	29.5	80
17/03/2024 07:30	4.5	74	10	5.9	0.0	29.6	79
17/03/2024 07:40	4.1	71	9	6.1	0.0	29.8	78
17/03/2024 07:50	4.9	81	8	6.6	0.0	29.9	78
17/03/2024 08:00	5.1	82	7	6.5	0.0	30.0	77
17/03/2024 08:10	5.4	83	8	7.4	0.0	30.6	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/03/2024 08:20	5.3	78	9	7.0	0.0	30.6	73
17/03/2024 08:30	5.6	80	7	7.4	0.0	30.5	75
17/03/2024 08:40	5.6	76	10	7.2	0.0	30.6	72
17/03/2024 08:50	5.4	77	7	6.8	0.0	30.7	72
17/03/2024 09:00	4.7	79	11	6.9	0.0	30.9	72
17/03/2024 09:10	4.2	98	12	5.8	0.0	31.3	72
17/03/2024 09:20	5.3	89	10	7.3	0.0	31.2	72
17/03/2024 09:30	5.0	95	11	7.0	0.0	31.3	70
17/03/2024 09:40	4.6	106	15	7.5	0.0	31.4	70
17/03/2024 09:50	5.0	89	8	6.9	0.0	31.2	70
17/03/2024 10:00	5.6	91	12	7.5	0.0	31.4	71
17/03/2024 10:10	5.7	80	10	8.2	0.0	31.8	70
17/03/2024 10:20	6.4	78	8	8.3	0.0	31.7	69
17/03/2024 10:30	6.6	66	9	8.8	0.0	32.2	65
17/03/2024 10:40	7.7	64	8	9.6	0.0	31.9	68
17/03/2024 10:50	10.4	73	9	14.6	0.2	30.8	72
17/03/2024 11:00	16.7	78	5	21.9	0.7	25.9	94
17/03/2024 11:10	14.6	77	7	20.3	1.3	25.0	96
17/03/2024 11:20	12.6	76	8	17.5	1.1	25.0	98
17/03/2024 11:30	14.0	74	7	19.6	4.4	24.4	98
17/03/2024 11:40	10.2	79	7	14.4	1.3	24.5	98
17/03/2024 11:50	10.3	82	8	14.7	0.4	25.2	94
17/03/2024 12:00	9.9	88	7	14.5	1.1	24.9	96
17/03/2024 12:10	8.8	93	8	13.2	0.0	25.2	94
17/03/2024 12:20	6.5	89	7	9.0	0.0	26.3	85
17/03/2024 12:30	6.6	81	7	10.4	0.0	27.1	77
17/03/2024 12:40	7.6	83	8	10.8	0.0	27.9	74
17/03/2024 12:50	6.5	82	8	9.0	0.0	28.3	75
17/03/2024 13:00	5.3	80	8	7.1	0.0	28.5	77
17/03/2024 13:10	5.9	73	6	7.5	0.0	28.5	78
17/03/2024 13:20	5.9	74	6	8.2	0.0	28.7	79
17/03/2024 13:30	6.5	67	8	9.6	0.0	29.0	77
17/03/2024 13:40	6.8	68	6	9.4	0.0	29.1	75
17/03/2024 13:50	6.7	63	8	9.0	0.0	29.2	77
17/03/2024 14:00	6.6	65	8	9.1	0.0	29.3	76
17/03/2024 14:10	6.5	67	7	9.1	0.0	29.5	76
17/03/2024 14:20	6.9	69	8	9.0	0.0	29.5	77
17/03/2024 14:30	7.4	72	8	9.4	0.0	29.5	78
17/03/2024 14:40	6.4	73	9	8.8	0.0	29.7	78
17/03/2024 14:50	6.5	69	7	8.5	0.0	29.6	78
17/03/2024 15:00	6.6	67	8	8.9	0.0	29.9	78
17/03/2024 15:10	6.9	68	9	8.7	0.0	30.0	78
17/03/2024 15:20	6.8	65	8	9.0	0.0	29.9	78
17/03/2024 15:30	6.5	67	9	8.8	0.0	29.8	79
17/03/2024 15:40	6.4	68	9	8.9	0.0	29.7	79
17/03/2024 15:50	6.9	64	7	9.5	0.0	29.8	78
17/03/2024 16:00	6.2	69	8	7.9	0.0	29.8	78
17/03/2024 16:10	5.9	67	8	7.9	0.0	29.7	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/03/2024 16:20	5.8	66	9	8.2	0.0	29.6	78
17/03/2024 16:30	5.8	72	9	8.4	0.0	29.6	79
17/03/2024 16:40	5.4	77	9	7.2	0.0	29.5	81
17/03/2024 16:50	5.9	70	8	8.2	0.0	29.5	77
17/03/2024 17:00	6.2	68	7	8.6	0.0	29.6	75
17/03/2024 17:10	5.9	63	8	8.3	0.0	29.5	76
17/03/2024 17:20	5.5	70	8	7.6	0.0	29.5	79
17/03/2024 17:30	5.4	65	9	6.8	0.0	29.5	78
17/03/2024 17:40	5.2	64	8	6.9	0.0	29.4	78
17/03/2024 17:50	5.2	59	7	6.6	0.0	29.3	78
17/03/2024 18:00	5.2	60	6	7.0	0.0	29.2	79
17/03/2024 18:10	5.4	62	8	7.8	0.0	29.1	80
17/03/2024 18:20	5.3	57	7	7.5	0.0	29.1	80
17/03/2024 18:30	4.9	55	7	6.7	0.0	29.0	81
17/03/2024 18:40	5.4	57	6	7.5	0.0	29.0	82
17/03/2024 18:50	4.7	58	7	6.5	0.0	28.9	82
17/03/2024 19:00	4.8	60	7	6.4	0.0	28.9	83
17/03/2024 19:10	5.0	55	6	6.5	0.0	28.9	83
17/03/2024 19:20	4.8	56	7	6.6	0.0	28.9	82
17/03/2024 19:30	4.7	55	6	6.7	0.0	29.0	82
17/03/2024 19:40	3.3	59	9	4.5	0.0	28.9	82
17/03/2024 19:50	2.8	64	9	3.8	0.0	28.9	83
17/03/2024 20:00	3.9	53	7	5.3	0.0	28.9	82
17/03/2024 20:10	3.6	56	8	5.1	0.0	28.9	82
17/03/2024 20:20	3.7	50	8	5.2	0.0	28.9	82
17/03/2024 20:30	4.2	38	8	6.2	0.0	28.9	81
17/03/2024 20:40	5.8	28	11	8.5	0.0	28.5	81
17/03/2024 20:50	5.6	19	7	8.1	0.0	27.9	82
17/03/2024 21:00	4.7	23	8	6.3	0.0	27.8	78
17/03/2024 21:10	3.1	35	11	4.9	0.0	27.7	77
17/03/2024 21:20	2.2	49	6	2.9	0.0	27.7	79
17/03/2024 21:30	2.1	37	5	2.8	0.0	27.7	80
17/03/2024 21:40	1.5	52	11	2.1	0.0	27.7	83
17/03/2024 21:50	1.9	67	6	2.4	0.0	27.5	85
17/03/2024 22:00	2.7	72	5	3.3	0.0	27.5	88
17/03/2024 22:10	2.7	67	6	3.4	0.0	27.6	89
17/03/2024 22:20	2.7	65	6	3.8	0.0	27.8	90
17/03/2024 22:30	2.7	57	7	3.7	0.0	28.0	91
17/03/2024 22:40	3.5	48	6	4.8	0.0	28.1	90
17/03/2024 22:50	4.4	40	6	5.7	0.0	28.3	87
17/03/2024 23:00	3.5	42	7	5.0	0.0	28.3	88
17/03/2024 23:10	3.1	49	9	4.6	0.0	28.3	89
17/03/2024 23:20	2.4	51	9	3.3	0.0	28.3	89
17/03/2024 23:30	2.5	70	9	3.5	0.0	28.3	89
17/03/2024 23:40	3.0	71	8	3.9	0.0	28.4	89
17/03/2024 23:50	2.7	59	7	3.7	0.0	28.4	89
18/03/2024 00:00	2.8	57	6	3.8	0.0	28.3	89
18/03/2024 00:10	3.5	67	8	5.1	0.0	28.4	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/03/2024 00:20	3.5	67	8	5.0	0.0	28.5	88
18/03/2024 00:30	3.6	64	7	5.0	0.0	28.5	88
18/03/2024 00:40	3.7	67	7	5.2	0.0	28.5	87
18/03/2024 00:50	4.2	72	6	5.3	0.0	28.5	86
18/03/2024 01:00	4.0	75	6	5.4	0.0	28.6	86
18/03/2024 01:10	4.0	73	6	5.3	0.0	28.5	86
18/03/2024 01:20	4.4	72	6	6.1	0.0	28.5	86
18/03/2024 01:30	4.2	71	6	5.6	0.0	28.5	86
18/03/2024 01:40	4.3	81	7	5.4	0.0	28.5	84
18/03/2024 01:50	4.2	81	6	5.7	0.0	28.5	83
18/03/2024 02:00	4.4	80	7	5.5	0.0	28.6	83
18/03/2024 02:10	4.4	80	7	5.7	0.0	28.5	84
18/03/2024 02:20	4.9	85	7	7.0	0.0	28.6	83
18/03/2024 02:30	4.2	115	18	7.5	0.0	28.0	88
18/03/2024 02:40	3.7	140	15	5.5	0.0	27.6	89
18/03/2024 02:50	3.6	129	18	6.6	0.0	27.4	89
18/03/2024 03:00	4.6	137	18	7.2	0.0	27.5	88
18/03/2024 03:10	5.2	142	16	8.4	0.0	27.1	85
18/03/2024 03:20	6.1	142	16	10.2	0.0	26.5	86
18/03/2024 03:30	5.1	136	17	7.9	0.0	26.2	87
18/03/2024 03:40	4.9	137	17	9.2	0.0	26.1	86
18/03/2024 03:50	5.1	117	16	8.8	0.0	26.4	85
18/03/2024 04:00	5.4	110	15	9.2	0.0	26.6	82
18/03/2024 04:10	5.2	112	13	9.1	0.0	26.7	82
18/03/2024 04:20	5.6	110	10	9.0	0.0	26.6	82
18/03/2024 04:30	5.3	112	9	7.9	0.0	26.6	82
18/03/2024 04:40	5.3	112	10	7.7	0.0	26.5	83
18/03/2024 04:50	5.3	112	9	7.5	0.0	26.5	84
18/03/2024 05:00	4.1	113	12	6.2	0.0	26.4	84
18/03/2024 05:10	4.0	113	11	6.3	0.0	26.5	84
18/03/2024 05:20	4.9	111	10	7.1	0.0	26.6	83
18/03/2024 05:30	4.2	100	10	6.6	0.0	26.7	84
18/03/2024 05:40	4.3	105	12	6.7	0.0	26.9	84
18/03/2024 05:50	4.1	94	9	5.8	0.0	26.9	85
18/03/2024 06:00	4.7	84	6	6.7	0.0	26.9	85
18/03/2024 06:10	4.3	90	9	6.2	0.0	27.0	86
18/03/2024 06:20	4.5	84	7	6.2	0.0	27.2	86
18/03/2024 06:30	4.0	84	9	5.3	0.0	27.3	86
18/03/2024 06:40	4.0	83	7	5.4	0.0	27.6	85
18/03/2024 06:50	4.2	82	7	5.8	0.0	28.0	84
18/03/2024 07:00	4.9	80	6	6.9	0.0	28.2	83
18/03/2024 07:10	4.6	82	6	6.3	0.0	28.5	82
18/03/2024 07:20	4.4	83	7	5.8	0.0	28.6	83
18/03/2024 07:30	4.4	80	7	6.0	0.0	28.5	84
18/03/2024 07:40	5.9	71	7	8.2	0.0	28.8	79
18/03/2024 07:50	5.7	69	7	7.1	0.0	28.6	82
18/03/2024 08:00	5.2	66	6	7.0	0.0	28.3	85
18/03/2024 08:10	4.4	62	6	5.9	0.0	28.1	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/03/2024 08:20	4.4	65	7	6.1	0.0	28.3	86
18/03/2024 08:30	4.9	65	8	7.3	0.0	28.6	84
18/03/2024 08:40	5.4	63	8	7.1	0.0	28.8	82
18/03/2024 08:50	5.1	64	7	7.2	0.0	29.0	81
18/03/2024 09:00	5.2	68	8	6.9	0.0	29.6	76
18/03/2024 09:10	5.5	65	9	7.8	0.0	30.2	73
18/03/2024 09:20	6.0	60	10	8.0	0.0	30.3	73
18/03/2024 09:30	6.0	53	9	8.6	0.0	30.2	75
18/03/2024 09:40	6.1	60	8	8.3	0.0	30.3	75
18/03/2024 09:50	6.0	61	10	8.2	0.0	30.6	74
18/03/2024 10:00	6.3	64	10	8.5	0.0	30.7	71
18/03/2024 10:10	5.8	62	10	7.9	0.0	30.7	72
18/03/2024 10:20	6.0	64	8	7.7	0.0	30.6	74
18/03/2024 10:30	5.4	62	10	6.9	0.0	30.6	74
18/03/2024 10:40	5.5	65	8	7.1	0.0	30.4	75
18/03/2024 10:50	5.8	67	11	7.3	0.0	30.6	74
18/03/2024 11:00	6.3	68	8	8.7	0.0	31.2	72
18/03/2024 11:10	6.5	61	9	9.5	0.1	31.5	69
18/03/2024 11:20	6.7	64	9	10.0	0.0	31.5	68
18/03/2024 11:30	6.8	70	8	9.1	0.0	31.3	69
18/03/2024 11:40	6.8	62	8	9.8	0.0	31.3	68
18/03/2024 11:50	7.0	64	9	9.4	0.0	31.8	67
18/03/2024 12:00	6.7	67	8	9.2	0.0	31.4	67
18/03/2024 12:10	7.0	76	8	9.3	0.0	31.6	66
18/03/2024 12:20	6.9	70	8	8.8	0.0	31.2	68
18/03/2024 12:30	6.8	66	9	8.7	0.0	31.1	68
18/03/2024 12:40	6.4	61	8	8.4	0.0	31.3	67
18/03/2024 12:50	6.6	67	10	8.8	0.0	31.2	68
18/03/2024 13:00	6.9	67	9	9.7	0.0	31.2	68
18/03/2024 13:10	6.7	60	7	9.1	0.0	31.1	68
18/03/2024 13:20	5.8	54	9	7.6	0.0	31.0	69
18/03/2024 13:30	5.8	56	10	8.5	0.0	30.9	70
18/03/2024 13:40	5.6	57	8	8.2	0.0	30.8	71
18/03/2024 13:50	6.2	69	8	8.5	0.0	30.7	71
18/03/2024 14:00	6.3	76	8	8.2	0.0	30.9	70
18/03/2024 14:10	5.9	70	9	8.1	0.0	31.0	70
18/03/2024 14:20	5.6	72	9	8.1	0.0	30.8	72
18/03/2024 14:30	5.3	62	8	7.4	0.0	30.5	74
18/03/2024 14:40	5.5	71	9	7.4	0.0	30.6	74
18/03/2024 14:50	6.2	70	7	8.1	0.0	30.6	71
18/03/2024 15:00	6.0	70	8	7.7	0.0	30.7	72
18/03/2024 15:10	6.3	69	9	8.2	0.0	30.6	73
18/03/2024 15:20	6.1	63	9	7.9	0.0	30.5	74
18/03/2024 15:30	6.1	69	9	7.9	0.0	30.6	72
18/03/2024 15:40	6.2	75	9	8.6	0.0	30.3	73
18/03/2024 15:50	5.3	67	10	7.6	0.0	30.3	74
18/03/2024 16:00	5.2	61	9	7.2	0.0	30.1	75
18/03/2024 16:10	5.8	69	8	7.5	0.0	29.8	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/03/2024 16:20	6.0	61	7	8.2	0.0	29.7	77
18/03/2024 16:30	6.2	65	7	8.5	0.0	29.7	75
18/03/2024 16:40	5.4	57	8	7.6	0.0	29.7	76
18/03/2024 16:50	5.5	63	8	7.9	0.0	29.6	76
18/03/2024 17:00	5.8	65	8	7.6	0.0	29.6	76
18/03/2024 17:10	5.0	67	8	6.7	0.0	29.6	76
18/03/2024 17:20	5.1	64	9	7.2	0.0	29.6	75
18/03/2024 17:30	5.1	58	7	6.4	0.0	29.6	75
18/03/2024 17:40	4.8	59	8	6.1	0.0	29.5	75
18/03/2024 17:50	4.8	65	8	6.2	0.0	29.5	76
18/03/2024 18:00	5.2	65	7	6.7	0.0	29.4	76
18/03/2024 18:10	4.8	62	8	6.4	0.0	29.3	78
18/03/2024 18:20	5.1	60	7	6.7	0.0	29.2	78
18/03/2024 18:30	4.5	56	7	5.9	0.0	29.1	79
18/03/2024 18:40	4.4	60	9	6.2	0.0	29.1	79
18/03/2024 18:50	3.8	59	9	5.0	0.0	29.1	80
18/03/2024 19:00	3.4	55	8	4.6	0.0	29.0	80
18/03/2024 19:10	3.3	46	9	4.9	0.0	29.0	80
18/03/2024 19:20	4.6	47	6	6.2	0.0	29.1	79
18/03/2024 19:30	3.7	37	8	5.3	0.0	29.0	80
18/03/2024 19:40	3.1	44	10	4.7	0.0	28.9	80
18/03/2024 19:50	4.4	49	8	6.2	0.0	29.0	79
18/03/2024 20:00	3.7	46	9	5.4	0.0	28.9	80
18/03/2024 20:10	3.6	53	8	4.9	0.0	28.9	80
18/03/2024 20:20	2.9	56	9	4.3	0.0	28.9	81
18/03/2024 20:30	2.8	62	9	3.8	0.0	28.7	82
18/03/2024 20:40	3.2	56	7	4.2	0.0	28.7	82
18/03/2024 20:50	2.4	45	7	3.7	0.0	28.7	82
18/03/2024 21:00	2.3	57	8	3.2	0.0	28.6	82
18/03/2024 21:10	2.2	61	7	3.1	0.0	28.6	82
18/03/2024 21:20	2.5	54	6	3.2	0.0	28.6	83
18/03/2024 21:30	2.4	62	9	3.3	0.0	28.6	83
18/03/2024 21:40	2.7	59	8	3.6	0.0	28.6	83
18/03/2024 21:50	2.7	56	7	3.9	0.0	28.6	83
18/03/2024 22:00	3.1	54	8	4.5	0.0	28.7	82
18/03/2024 22:10	3.2	64	9	4.2	0.0	28.8	82
18/03/2024 22:20	3.3	67	8	4.3	0.0	28.7	83
18/03/2024 22:30	3.3	61	6	4.9	0.0	28.7	83
18/03/2024 22:40	3.2	62	7	4.3	0.0	28.7	82
18/03/2024 22:50	3.2	63	8	4.5	0.0	28.6	83
18/03/2024 23:00	3.5	59	7	4.6	0.0	28.5	83
18/03/2024 23:10	3.5	49	7	4.7	0.0	28.6	82
18/03/2024 23:20	3.4	53	6	4.7	0.0	28.6	83
18/03/2024 23:30	2.8	54	6	4.1	0.0	28.4	84
18/03/2024 23:40	3.0	50	6	4.3	0.0	28.4	84
18/03/2024 23:50	3.5	50	6	4.6	0.0	28.4	83
19/03/2024 00:00	3.1	56	7	4.7	0.0	28.4	83
19/03/2024 00:10	3.5	63	6	5.2	0.0	28.5	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/03/2024 00:20	3.5	64	7	4.8	0.0	28.4	83
19/03/2024 00:30	3.4	60	8	4.7	0.0	28.3	84
19/03/2024 00:40	3.6	65	7	5.1	0.0	28.3	83
19/03/2024 00:50	3.8	65	6	5.0	0.0	28.1	83
19/03/2024 01:00	3.7	65	6	5.0	0.0	28.1	83
19/03/2024 01:10	3.9	66	7	5.1	0.0	28.2	82
19/03/2024 01:20	4.3	71	6	5.3	0.0	28.3	81
19/03/2024 01:30	3.9	69	7	5.3	0.0	28.3	82
19/03/2024 01:40	3.4	63	7	4.8	0.0	28.2	82
19/03/2024 01:50	3.1	65	7	4.6	0.0	28.1	82
19/03/2024 02:00	2.8	55	5	3.8	0.0	28.0	81
19/03/2024 02:10	2.8	55	6	4.0	0.0	27.8	83
19/03/2024 02:20	2.6	55	5	3.3	0.0	27.8	84
19/03/2024 02:30	2.6	59	6	3.6	0.0	27.9	84
19/03/2024 02:40	2.6	60	7	3.5	0.0	27.9	85
19/03/2024 02:50	2.6	59	8	3.6	0.0	27.9	85
19/03/2024 03:00	2.3	51	5	2.9	0.0	27.8	85
19/03/2024 03:10	2.4	54	6	3.3	0.0	27.7	86
19/03/2024 03:20	2.9	63	6	3.7	0.0	27.7	86
19/03/2024 03:30	2.8	59	6	4.0	0.0	27.7	86
19/03/2024 03:40	2.7	54	6	3.8	0.0	27.7	86
19/03/2024 03:50	2.8	63	7	4.0	0.0	27.7	86
19/03/2024 04:00	3.2	69	6	4.4	0.0	27.9	85
19/03/2024 04:10	3.9	71	6	5.3	0.0	28.0	83
19/03/2024 04:20	3.6	68	7	4.9	0.0	28.1	83
19/03/2024 04:30	3.5	72	6	4.5	0.0	28.0	84
19/03/2024 04:40	3.6	75	5	4.8	0.0	28.0	83
19/03/2024 04:50	3.8	79	6	4.9	0.0	28.2	83
19/03/2024 05:00	3.5	75	7	4.7	0.0	28.3	82
19/03/2024 05:10	3.5	68	7	4.6	0.0	28.2	83
19/03/2024 05:20	4.0	72	4	4.9	0.0	28.1	82
19/03/2024 05:30	3.7	67	5	5.2	0.0	28.0	82
19/03/2024 05:40	2.8	49	6	3.7	0.0	27.9	83
19/03/2024 05:50	2.7	58	6	3.3	0.0	27.7	85
19/03/2024 06:00	2.6	63	5	3.8	0.0	27.7	85
19/03/2024 06:10	3.3	69	7	4.6	0.0	27.9	84
19/03/2024 06:20	2.9	66	6	3.9	0.0	28.0	83
19/03/2024 06:30	2.3	55	5	3.0	0.0	27.6	86
19/03/2024 06:40	2.6	55	5	3.1	0.0	27.5	87
19/03/2024 06:50	2.7	58	5	3.6	0.0	27.9	85
19/03/2024 07:00	2.9	68	6	4.0	0.0	28.1	83
19/03/2024 07:10	3.7	71	6	4.8	0.0	28.7	80
19/03/2024 07:20	3.8	73	7	5.1	0.0	29.1	77
19/03/2024 07:30	4.3	75	7	5.7	0.0	29.3	76
19/03/2024 07:40	4.4	79	6	5.5	0.0	29.3	76
19/03/2024 07:50	4.2	79	9	5.4	0.0	29.7	75
19/03/2024 08:00	3.2	96	14	5.0	0.0	29.9	75
19/03/2024 08:10	3.6	109	12	5.2	0.0	29.3	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/03/2024 08:20	3.5	113	11	5.2	0.0	28.9	84
19/03/2024 08:30	4.7	114	9	6.4	0.0	29.1	82
19/03/2024 08:40	4.1	111	12	6.1	0.0	29.3	81
19/03/2024 08:50	4.4	106	11	5.9	0.0	29.6	80
19/03/2024 09:00	4.9	113	10	6.9	0.0	29.7	78
19/03/2024 09:10	4.9	88	10	6.8	0.0	30.2	74
19/03/2024 09:20	5.4	89	11	7.8	0.0	30.5	72
19/03/2024 09:30	6.1	81	10	8.8	0.0	30.9	70
19/03/2024 09:40	6.3	76	9	8.4	0.0	31.0	69
19/03/2024 09:50	6.0	79	9	8.1	0.0	30.7	70
19/03/2024 10:00	5.8	88	7	7.9	0.0	31.1	69
19/03/2024 10:10	5.7	82	10	8.1	0.0	30.7	71
19/03/2024 10:20	6.3	79	8	8.0	0.0	30.7	71
19/03/2024 10:30	5.7	80	8	7.8	0.0	31.1	69
19/03/2024 10:40	6.0	75	11	8.6	0.0	31.2	69
19/03/2024 10:50	6.4	79	9	8.1	0.0	31.0	70
19/03/2024 11:00	6.8	76	8	9.1	0.0	31.0	69
19/03/2024 11:10	6.2	72	7	8.5	0.0	31.0	70
19/03/2024 11:20	6.1	77	8	8.0	0.0	30.7	70
19/03/2024 11:30	6.1	80	8	8.1	0.0	30.8	70
19/03/2024 11:40	6.5	79	8	8.5	0.0	31.1	69
19/03/2024 11:50	6.8	78	7	8.6	0.0	31.2	68
19/03/2024 12:00	7.0	76	8	9.1	0.0	30.7	69
19/03/2024 12:10	6.5	77	7	8.4	0.0	30.8	69
19/03/2024 12:20	6.7	81	7	8.5	0.0	31.0	69
19/03/2024 12:30	6.3	77	7	8.4	0.0	31.2	68
19/03/2024 12:40	6.7	76	8	8.9	0.0	31.2	68
19/03/2024 12:50	6.9	80	8	8.9	0.0	31.3	68
19/03/2024 13:00	6.3	80	11	8.6	0.0	31.8	67
19/03/2024 13:10	6.4	77	9	8.9	0.0	32.1	65
19/03/2024 13:20	6.9	82	9	8.9	0.0	31.8	66
19/03/2024 13:30	6.3	72	10	8.9	0.0	32.0	65
19/03/2024 13:40	6.7	80	10	9.1	0.0	32.1	64
19/03/2024 13:50	6.4	77	10	8.6	0.0	31.9	65
19/03/2024 14:00	6.0	67	9	8.6	0.0	31.8	67
19/03/2024 14:10	6.1	68	13	8.9	0.0	31.8	65
19/03/2024 14:20	6.9	64	10	9.0	0.0	31.7	66
19/03/2024 14:30	6.8	71	8	9.0	0.0	31.4	67
19/03/2024 14:40	6.6	56	8	9.2	0.0	31.4	68
19/03/2024 14:50	6.6	65	11	8.4	0.0	31.7	65
19/03/2024 15:00	6.4	63	8	8.7	0.0	31.6	64
19/03/2024 15:10	6.5	64	8	8.3	0.0	31.6	63
19/03/2024 15:20	6.4	65	8	8.3	0.0	31.8	62
19/03/2024 15:30	6.5	64	9	8.3	0.0	31.6	63
19/03/2024 15:40	6.5	60	7	8.3	0.0	31.6	66
19/03/2024 15:50	6.1	51	9	8.3	0.0	31.7	64
19/03/2024 16:00	6.9	51	6	8.4	0.0	31.9	63
19/03/2024 16:10	5.9	47	9	8.3	0.0	32.2	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/03/2024 16:20	6.8	47	7	8.7	0.0	32.1	60
19/03/2024 16:30	6.2	45	9	8.0	0.0	32.3	59
19/03/2024 16:40	6.2	37	10	8.6	0.0	32.2	60
19/03/2024 16:50	5.8	43	11	8.5	0.0	32.3	58
19/03/2024 17:00	6.1	31	9	8.3	0.0	32.0	61
19/03/2024 17:10	6.2	27	11	7.9	0.0	31.5	63
19/03/2024 17:20	6.1	42	9	8.6	0.0	31.7	62
19/03/2024 17:30	6.3	43	8	8.3	0.0	31.3	67
19/03/2024 17:40	6.9	38	7	8.7	0.0	31.0	69
19/03/2024 17:50	6.2	41	9	9.1	0.0	30.9	70
19/03/2024 18:00	6.9	36	8	9.7	0.0	30.6	70
19/03/2024 18:10	7.0	34	9	9.7	0.0	30.4	71
19/03/2024 18:20	6.6	28	9	9.3	0.0	30.3	72
19/03/2024 18:30	6.3	30	8	9.3	0.0	30.2	73
19/03/2024 18:40	7.0	35	8	9.5	0.0	30.0	74
19/03/2024 18:50	6.8	32	7	9.0	0.0	29.9	75
19/03/2024 19:00	6.5	43	8	9.2	0.0	29.8	77
19/03/2024 19:10	5.9	42	8	9.2	0.0	29.7	78
19/03/2024 19:20	6.1	40	8	8.4	0.0	29.7	78
19/03/2024 19:30	6.8	45	8	10.1	0.0	29.6	79
19/03/2024 19:40	6.3	42	9	8.8	0.0	29.5	79
19/03/2024 19:50	6.7	41	8	9.8	0.0	29.5	79
19/03/2024 20:00	6.2	45	8	8.5	0.0	29.5	79
19/03/2024 20:10	4.9	46	9	7.2	0.0	29.5	79
19/03/2024 20:20	4.5	49	8	6.4	0.0	29.5	79
19/03/2024 20:30	4.5	46	9	6.6	0.0	29.5	79
19/03/2024 20:40	4.8	51	7	7.0	0.0	29.5	79
19/03/2024 20:50	5.4	46	8	7.6	0.0	29.5	78
19/03/2024 21:00	4.3	39	7	6.3	0.0	29.4	80
19/03/2024 21:10	5.5	36	8	8.2	0.0	29.4	80
19/03/2024 21:20	4.9	38	7	7.0	0.0	29.4	80
19/03/2024 21:30	5.4	36	7	7.6	0.0	29.4	80
19/03/2024 21:40	4.6	33	9	6.5	0.0	29.3	81
19/03/2024 21:50	4.5	33	9	6.2	0.0	29.3	81
19/03/2024 22:00	4.5	32	9	6.5	0.0	29.3	81
19/03/2024 22:10	4.4	35	9	6.1	0.0	29.3	82
19/03/2024 22:20	4.7	27	9	6.8	0.0	29.3	82
19/03/2024 22:30	4.7	39	9	6.7	0.0	29.3	82
19/03/2024 22:40	4.4	42	7	6.2	0.0	29.3	82
19/03/2024 22:50	4.0	43	9	5.5	0.0	29.2	82
19/03/2024 23:00	3.4	35	10	5.4	0.0	29.2	82
19/03/2024 23:10	4.0	32	9	5.3	0.0	29.3	81
19/03/2024 23:20	3.5	40	9	4.8	0.0	29.3	81
19/03/2024 23:30	3.3	50	8	4.9	0.0	29.3	80
19/03/2024 23:40	1.7	65	10	2.7	0.0	29.4	79
19/03/2024 23:50	0.9	140	45	1.7	0.0	29.4	80
20/03/2024 00:00	1.9	99	13	2.6	0.0	29.5	80
20/03/2024 00:10	2.5	80	6	3.4	0.0	29.4	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/03/2024 00:20	3.6	80	6	4.9	0.0	29.4	82
20/03/2024 00:30	3.4	74	7	4.3	0.0	29.3	83
20/03/2024 00:40	3.1	71	6	4.2	0.0	29.3	83
20/03/2024 00:50	3.0	70	6	3.9	0.0	29.3	83
20/03/2024 01:00	2.5	70	7	3.8	0.0	29.3	83
20/03/2024 01:10	3.3	80	6	4.6	0.0	29.3	84
20/03/2024 01:20	3.3	76	6	4.0	0.0	29.4	83
20/03/2024 01:30	3.1	70	7	3.8	0.0	29.3	84
20/03/2024 01:40	3.3	80	6	4.0	0.0	29.2	84
20/03/2024 01:50	3.4	78	6	4.2	0.0	29.2	84
20/03/2024 02:00	2.9	72	7	4.1	0.0	29.2	84
20/03/2024 02:10	2.9	70	7	3.7	0.0	29.1	84
20/03/2024 02:20	3.1	75	5	4.4	0.0	29.0	85
20/03/2024 02:30	3.3	75	6	4.1	0.0	29.1	84
20/03/2024 02:40	3.2	75	6	4.4	0.0	29.1	83
20/03/2024 02:50	3.8	75	5	4.7	0.0	29.1	83
20/03/2024 03:00	2.9	68	8	4.3	0.0	29.1	84
20/03/2024 03:10	2.9	63	9	3.9	0.0	29.0	84
20/03/2024 03:20	2.9	57	7	3.9	0.0	28.9	85
20/03/2024 03:30	3.3	63	7	4.4	0.0	29.0	84
20/03/2024 03:40	3.3	68	6	4.6	0.0	29.0	83
20/03/2024 03:50	3.2	75	7	3.9	0.0	29.0	83
20/03/2024 04:00	2.7	92	8	3.8	0.0	29.0	85
20/03/2024 04:10	1.8	86	11	3.0	0.0	29.0	85
20/03/2024 04:20	2.9	72	9	3.7	0.0	29.1	85
20/03/2024 04:30	3.6	90	10	5.4	0.0	29.3	83
20/03/2024 04:40	3.7	95	10	5.5	0.0	29.3	83
20/03/2024 04:50	4.4	111	12	6.4	0.4	29.1	84
20/03/2024 05:00	4.6	111	12	7.1	0.6	28.0	91
20/03/2024 05:10	4.9	111	11	8.0	0.0	28.2	89
20/03/2024 05:20	3.7	95	12	5.6	0.0	28.4	88
20/03/2024 05:30	3.9	107	12	6.7	0.0	28.6	86
20/03/2024 05:40	4.1	117	9	5.8	0.0	28.5	86
20/03/2024 05:50	3.4	121	17	6.0	0.0	28.4	86
20/03/2024 06:00	3.4	145	19	7.0	0.0	27.7	84
20/03/2024 06:10	2.3	121	33	4.9	0.0	27.9	86
20/03/2024 06:20	1.5	140	19	2.4	0.1	28.1	83
20/03/2024 06:30	1.8	135	14	2.7	0.0	28.6	81
20/03/2024 06:40	1.6	131	9	2.4	0.0	28.7	81
20/03/2024 06:50	1.6	110	17	2.6	0.0	28.6	83
20/03/2024 07:00	1.3	88	20	2.3	0.0	28.5	84
20/03/2024 07:10	2.1	109	20	3.8	0.0	28.5	85
20/03/2024 07:20	2.4	133	14	3.7	0.0	28.7	85
20/03/2024 07:30	3.1	128	13	5.2	0.0	28.9	85
20/03/2024 07:40	3.8	112	12	5.5	0.0	29.2	83
20/03/2024 07:50	4.8	114	10	6.8	0.0	29.6	77
20/03/2024 08:00	5.3	113	9	7.3	0.0	29.7	76
20/03/2024 08:10	5.4	110	11	7.7	0.0	29.5	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/03/2024 08:20	6.1	110	11	8.8	0.0	30.0	66
20/03/2024 08:30	5.3	101	11	8.3	0.0	30.2	66
20/03/2024 08:40	5.1	100	14	7.8	0.0	30.9	63
20/03/2024 08:50	5.8	102	11	8.7	0.0	31.4	57
20/03/2024 09:00	6.6	91	8	10.8	0.0	31.4	58
20/03/2024 09:10	7.0	91	8	9.5	0.0	31.5	59
20/03/2024 09:20	7.6	92	7	10.3	0.0	31.3	61
20/03/2024 09:30	7.9	90	8	10.5	0.0	31.5	62
20/03/2024 09:40	7.8	91	8	11.1	0.0	31.7	62
20/03/2024 09:50	7.9	92	9	11.1	0.0	31.8	60
20/03/2024 10:00	8.2	92	9	11.6	0.0	31.9	58
20/03/2024 10:10	7.7	95	10	10.7	0.0	32.3	56
20/03/2024 10:20	8.4	91	8	11.8	0.0	32.4	52
20/03/2024 10:30	8.7	89	7	12.0	0.0	32.6	49
20/03/2024 10:40	8.9	91	8	12.2	0.0	32.5	50
20/03/2024 10:50	8.2	92	9	11.5	0.0	32.6	49
20/03/2024 11:00	8.8	88	8	12.4	0.0	32.9	45
20/03/2024 11:10	7.8	88	8	11.4	0.0	33.2	44
20/03/2024 11:20	7.7	87	6	11.2	0.0	33.3	45
20/03/2024 11:30	7.9	90	8	10.9	0.0	33.1	45
20/03/2024 11:40	7.2	86	9	10.6	0.0	33.4	44
20/03/2024 11:50	7.0	85	8	9.8	0.0	33.6	44
20/03/2024 12:00	7.7	86	8	10.6	0.0	33.5	43
20/03/2024 12:10	7.7	80	8	10.3	0.0	33.5	43
20/03/2024 12:20	7.5	74	8	9.6	0.0	33.5	43
20/03/2024 12:30	8.0	74	7	10.4	0.0	33.7	41
20/03/2024 12:40	8.5	73	6	10.7	0.0	33.4	42
20/03/2024 12:50	8.4	75	6	10.8	0.0	33.3	42
20/03/2024 13:00	8.5	77	7	10.6	0.0	33.5	42
20/03/2024 13:10	8.6	80	6	11.0	0.0	33.7	40
20/03/2024 13:20	7.8	82	8	10.9	0.0	34.1	39
20/03/2024 13:30	7.1	83	8	9.3	0.0	34.4	40
20/03/2024 13:40	6.7	69	9	9.1	0.0	34.2	41
20/03/2024 13:50	7.5	64	8	9.7	0.0	33.8	42
20/03/2024 14:00	7.4	65	7	9.9	0.0	33.7	42
20/03/2024 14:10	7.5	55	8	9.8	0.0	33.6	43
20/03/2024 14:20	7.7	53	8	9.9	0.0	33.4	43
20/03/2024 14:30	7.4	53	8	9.7	0.0	33.5	42
20/03/2024 14:40	7.5	56	9	10.4	0.0	33.7	38
20/03/2024 14:50	7.6	60	7	10.0	0.0	33.8	37
20/03/2024 15:00	7.2	61	7	9.7	0.0	34.1	37
20/03/2024 15:10	7.1	58	8	9.8	0.0	34.1	36
20/03/2024 15:20	6.8	58	7	8.6	0.0	34.2	36
20/03/2024 15:30	6.7	63	7	8.7	0.0	34.3	35
20/03/2024 15:40	6.6	62	7	8.3	0.0	34.3	37
20/03/2024 15:50	6.3	60	8	8.2	0.0	34.2	37
20/03/2024 16:00	6.4	61	7	8.6	0.0	34.2	36
20/03/2024 16:10	6.4	60	8	8.1	0.0	34.2	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/03/2024 16:20	6.3	63	7	8.2	0.0	34.2	34
20/03/2024 16:30	6.0	64	7	8.1	0.0	34.2	35
20/03/2024 16:40	5.8	60	9	7.9	0.0	34.0	36
20/03/2024 16:50	5.6	62	8	7.6	0.0	34.0	37
20/03/2024 17:00	5.1	58	9	7.5	0.0	33.9	37
20/03/2024 17:10	5.5	65	7	7.0	0.0	33.6	38
20/03/2024 17:20	4.4	57	10	6.2	0.0	33.7	37
20/03/2024 17:30	4.2	52	8	5.9	0.0	33.7	36
20/03/2024 17:40	4.6	41	10	6.6	0.0	33.7	32
20/03/2024 17:50	3.6	34	9	5.5	0.0	33.4	38
20/03/2024 18:00	4.1	24	10	5.5	0.0	32.7	43
20/03/2024 18:10	4.3	21	9	5.6	0.0	32.4	45
20/03/2024 18:20	4.5	9	8	6.0	0.0	32.0	47
20/03/2024 18:30	4.6	13	7	6.3	0.0	31.8	47
20/03/2024 18:40	4.2	13	8	5.9	0.0	31.7	47
20/03/2024 18:50	3.6	3	9	4.8	0.0	31.2	55
20/03/2024 19:00	3.1	9	10	4.4	0.0	31.0	57
20/03/2024 19:10	3.0	5	9	3.8	0.0	30.9	58
20/03/2024 19:20	3.3	8	8	4.1	0.0	30.7	59
20/03/2024 19:30	3.2	2	8	4.4	0.0	30.5	60
20/03/2024 19:40	3.4	180	9	4.5	0.0	30.3	61
20/03/2024 19:50	3.1	179	8	4.4	0.0	30.3	61
20/03/2024 20:00	3.2	354	7	4.0	0.0	30.3	61
20/03/2024 20:10	2.4	348	10	3.5	0.0	30.2	62
20/03/2024 20:20	2.6	348	8	3.6	0.0	30.1	65
20/03/2024 20:30	2.3	350	8	3.4	0.0	29.9	66
20/03/2024 20:40	2.6	342	9	3.6	0.0	29.9	66
20/03/2024 20:50	2.7	345	9	3.7	0.0	30.0	64
20/03/2024 21:00	2.9	339	9	4.0	0.0	30.1	62
20/03/2024 21:10	2.5	344	11	3.7	0.0	30.0	63
20/03/2024 21:20	1.7	45	31	2.9	0.0	29.9	60
20/03/2024 21:30	1.0	68	18	1.8	0.0	29.9	60
20/03/2024 21:40	1.8	15	19	2.9	0.0	29.9	57
20/03/2024 21:50	1.3	26	23	2.5	0.0	30.0	55
20/03/2024 22:00	0.9	46	24	1.7	0.0	30.0	56
20/03/2024 22:10	0.8	66	15	1.2	0.0	29.9	57
20/03/2024 22:20	0.4	59	14	0.6	0.0	29.7	58
20/03/2024 22:30	0.7	44	12	1.0	0.0	29.6	59
20/03/2024 22:40	0.9	74	8	1.2	0.0	29.5	62
20/03/2024 22:50	0.6	42	29	1.0	0.0	29.4	63
20/03/2024 23:00	0.5	336	16	0.8	0.0	29.1	65
20/03/2024 23:10	0.3	171	14	0.6	0.0	29.3	63
20/03/2024 23:20	0.2	300	66	0.4	0.0	29.2	64
20/03/2024 23:30	0.3	177	28	0.4	0.0	29.1	65
20/03/2024 23:40	0.5	92	46	1.0	0.0	28.8	66
20/03/2024 23:50	0.6	314	10	1.2	0.0	28.6	69
21/03/2024 00:00	0.4	179	19	0.7	0.0	28.8	64
21/03/2024 00:10	0.3	42	22	0.5	0.0	29.1	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/03/2024 00:20	0.2	182	45	0.4	0.0	28.9	65
21/03/2024 00:30	0.6	258	11	0.9	0.0	28.5	68
21/03/2024 00:40	0.7	221	14	1.0	0.0	28.3	69
21/03/2024 00:50	0.9	179	14	1.4	0.0	28.3	68
21/03/2024 01:00	1.3	184	11	1.9	0.0	28.6	67
21/03/2024 01:10	1.7	170	13	2.8	0.0	29.0	63
21/03/2024 01:20	1.8	161	24	3.0	0.0	28.7	65
21/03/2024 01:30	2.3	138	17	4.4	0.0	29.2	60
21/03/2024 01:40	2.9	132	19	5.2	0.0	29.9	56
21/03/2024 01:50	2.8	123	18	4.9	0.0	29.7	59
21/03/2024 02:00	3.5	113	11	5.6	0.0	29.7	58
21/03/2024 02:10	3.9	114	12	7.0	0.0	30.1	54
21/03/2024 02:20	3.4	116	12	5.2	0.0	29.9	56
21/03/2024 02:30	2.4	123	16	3.9	0.0	29.6	58
21/03/2024 02:40	2.2	129	14	3.7	0.0	29.3	58
21/03/2024 02:50	2.4	113	12	3.8	0.0	29.3	55
21/03/2024 03:00	2.2	113	14	3.7	0.0	29.4	54
21/03/2024 03:10	1.9	119	14	3.1	0.0	29.4	54
21/03/2024 03:20	2.0	127	9	2.7	0.0	29.2	57
21/03/2024 03:30	1.4	177	18	2.1	0.0	29.1	58
21/03/2024 03:40	1.4	202	11	1.9	0.0	28.5	62
21/03/2024 03:50	1.0	165	22	1.7	0.0	28.7	61
21/03/2024 04:00	1.9	139	24	3.5	0.0	29.0	56
21/03/2024 04:10	2.0	134	15	3.1	0.0	29.5	54
21/03/2024 04:20	1.9	128	13	3.0	0.0	29.1	57
21/03/2024 04:30	2.0	126	13	3.3	0.0	29.1	54
21/03/2024 04:40	2.2	123	13	3.4	0.0	29.2	53
21/03/2024 04:50	1.9	127	13	2.8	0.0	29.1	53
21/03/2024 05:00	1.8	128	14	2.8	0.0	29.2	52
21/03/2024 05:10	2.2	171	19	3.4	0.0	28.6	55
21/03/2024 05:20	1.8	187	8	2.3	0.0	28.1	55
21/03/2024 05:30	1.4	189	12	2.0	0.0	28.0	54
21/03/2024 05:40	1.8	179	12	2.4	0.0	28.3	53
21/03/2024 05:50	1.2	152	17	1.9	0.0	28.1	53
21/03/2024 06:00	1.0	136	19	1.7	0.0	28.0	53
21/03/2024 06:10	1.4	133	16	2.5	0.0	28.1	52
21/03/2024 06:20	2.3	125	13	3.2	0.0	28.3	51
21/03/2024 06:30	2.9	118	12	5.0	0.0	28.5	51
21/03/2024 06:40	3.5	115	10	5.1	0.0	28.8	50
21/03/2024 06:50	2.9	114	14	4.1	0.0	28.9	50
21/03/2024 07:00	2.9	113	14	5.0	0.0	29.1	50
21/03/2024 07:10	3.8	110	11	6.6	0.0	29.3	48
21/03/2024 07:20	4.1	109	11	6.2	0.0	29.5	46
21/03/2024 07:30	4.2	107	12	6.2	0.0	29.7	45
21/03/2024 07:40	5.2	111	10	7.3	0.0	29.8	44
21/03/2024 07:50	4.4	104	11	6.6	0.0	29.8	45
21/03/2024 08:00	4.2	102	13	6.4	0.0	30.1	44
21/03/2024 08:10	4.5	105	13	7.2	0.0	30.2	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/03/2024 08:20	4.4	109	11	6.4	0.0	30.3	44
21/03/2024 08:30	5.3	110	10	7.5	0.0	30.4	44
21/03/2024 08:40	5.3	107	12	8.1	0.0	30.6	43
21/03/2024 08:50	5.0	106	11	7.2	0.0	31.2	42
21/03/2024 09:00	4.6	106	13	6.8	0.0	31.5	42
21/03/2024 09:10	5.7	103	10	8.3	0.1	31.7	40
21/03/2024 09:20	5.1	101	15	8.0	0.0	32.1	40
21/03/2024 09:30	5.2	104	13	7.7	0.0	32.2	40
21/03/2024 09:40	4.8	100	14	7.4	0.0	32.7	39
21/03/2024 09:50	5.8	82	8	7.6	0.0	32.2	42
21/03/2024 10:00	5.2	85	8	7.2	0.0	32.3	43
21/03/2024 10:10	5.3	77	11	7.0	0.0	32.5	42
21/03/2024 10:20	5.7	72	8	7.5	0.0	32.8	40
21/03/2024 10:30	5.8	83	9	8.2	0.0	32.9	39
21/03/2024 10:40	6.4	88	8	8.5	0.0	33.0	40
21/03/2024 10:50	5.4	78	11	7.2	0.0	33.5	39
21/03/2024 11:00	5.9	72	6	8.5	0.0	33.0	40
21/03/2024 11:10	6.0	81	9	8.2	0.0	33.2	41
21/03/2024 11:20	6.4	81	8	8.8	0.0	33.4	40
21/03/2024 11:30	7.0	73	6	8.8	0.0	33.3	40
21/03/2024 11:40	6.9	77	7	8.9	0.0	33.4	40
21/03/2024 11:50	6.5	76	9	9.0	0.0	33.7	39
21/03/2024 12:00	6.0	79	10	7.9	0.0	34.1	38
21/03/2024 12:10	6.1	82	8	9.1	0.0	34.2	38
21/03/2024 12:20	5.8	70	12	8.4	0.0	34.1	39
21/03/2024 12:30	5.3	73	13	7.1	0.0	34.3	40
21/03/2024 12:40	5.0	77	11	7.8	0.0	34.8	37
21/03/2024 12:50	5.2	81	12	7.5	0.0	34.7	36
21/03/2024 13:00	5.4	83	12	7.9	0.0	34.6	35
21/03/2024 13:10	5.8	84	7	8.0	0.0	34.7	34
21/03/2024 13:20	5.5	88	8	7.6	0.0	35.0	34
21/03/2024 13:30	5.9	86	8	7.8	0.0	35.0	33
21/03/2024 13:40	5.2	78	10	7.3	0.0	35.3	33
21/03/2024 13:50	5.9	75	8	7.8	0.0	35.2	33
21/03/2024 14:00	6.1	75	7	7.8	0.0	35.0	32
21/03/2024 14:10	5.9	75	12	7.7	0.0	35.4	31
21/03/2024 14:20	5.5	65	9	7.6	0.0	35.4	32
21/03/2024 14:30	5.2	60	10	7.5	0.0	35.5	31
21/03/2024 14:40	5.8	58	8	7.8	0.0	35.3	32
21/03/2024 14:50	6.1	63	10	8.1	0.0	35.3	32
21/03/2024 15:00	5.6	54	7	7.4	0.0	35.2	33
21/03/2024 15:10	6.2	55	6	7.8	0.0	35.1	33
21/03/2024 15:20	6.0	56	7	7.7	0.0	35.2	32
21/03/2024 15:30	6.2	56	8	8.3	0.0	35.5	30
21/03/2024 15:40	6.2	56	7	8.3	0.0	35.5	29
21/03/2024 15:50	6.0	61	6	7.8	0.0	35.8	28
21/03/2024 16:00	5.9	60	7	7.8	0.0	36.0	28
21/03/2024 16:10	5.3	57	12	7.5	0.0	36.4	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/03/2024 16:20	5.5	21	12	7.6	0.0	36.4	28
21/03/2024 16:30	6.6	3	8	8.4	0.0	35.3	34
21/03/2024 16:40	6.8	10	7	8.8	0.0	34.8	37
21/03/2024 16:50	7.1	10	7	8.8	0.0	34.1	41
21/03/2024 17:00	6.5	10	7	8.8	0.0	34.0	41
21/03/2024 17:10	6.0	10	8	7.9	0.0	33.7	43
21/03/2024 17:20	5.7	12	8	7.3	0.0	33.3	45
21/03/2024 17:30	5.8	11	7	7.3	0.0	32.8	47
21/03/2024 17:40	5.5	6	8	7.4	0.0	32.6	49
21/03/2024 17:50	5.6	179	8	7.2	0.0	32.3	49
21/03/2024 18:00	6.1	355	6	8.0	0.0	32.0	50
21/03/2024 18:10	6.0	354	7	7.6	0.0	31.9	50
21/03/2024 18:20	6.4	355	6	7.9	0.0	31.9	48
21/03/2024 18:30	6.8	354	6	8.3	0.0	31.8	49
21/03/2024 18:40	6.3	352	6	8.3	0.0	31.8	47
21/03/2024 18:50	6.1	350	7	7.6	0.0	31.9	46
21/03/2024 19:00	5.8	350	7	7.4	0.0	31.7	49
21/03/2024 19:10	6.1	349	6	7.7	0.0	31.6	49
21/03/2024 19:20	5.9	349	7	7.3	0.0	31.5	49
21/03/2024 19:30	5.9	347	7	7.5	0.0	31.6	47
21/03/2024 19:40	6.0	347	8	7.4	0.0	31.5	48
21/03/2024 19:50	5.5	346	8	7.1	0.0	31.4	50
21/03/2024 20:00	5.6	347	9	7.8	0.0	31.4	49
21/03/2024 20:10	4.9	341	10	6.6	0.0	31.5	50
21/03/2024 20:20	4.5	336	8	5.9	0.0	31.2	53
21/03/2024 20:30	3.5	328	23	4.9	0.0	31.4	51
21/03/2024 20:40	3.6	262	8	4.7	0.0	30.9	59
21/03/2024 20:50	3.7	257	6	4.7	0.0	30.3	67
21/03/2024 21:00	3.5	260	7	4.6	0.0	30.4	63
21/03/2024 21:10	3.6	265	7	5.0	0.0	30.7	58
21/03/2024 21:20	3.7	260	6	4.6	0.0	30.5	62
21/03/2024 21:30	3.2	263	6	4.1	0.0	30.2	63
21/03/2024 21:40	3.9	260	6	5.0	0.0	30.2	62
21/03/2024 21:50	4.1	262	5	5.1	0.0	30.0	64
21/03/2024 22:00	4.4	263	4	5.2	0.0	29.9	65
21/03/2024 22:10	4.1	261	5	5.3	0.0	30.0	64
21/03/2024 22:20	3.7	257	7	5.0	0.0	29.9	64
21/03/2024 22:30	3.9	260	6	5.0	0.0	29.7	64
21/03/2024 22:40	4.3	261	6	5.3	0.0	29.6	64
21/03/2024 22:50	4.0	262	6	5.1	0.0	29.5	64
21/03/2024 23:00	4.1	261	6	5.3	0.0	29.5	64
21/03/2024 23:10	4.1	262	5	5.3	0.0	29.4	65
21/03/2024 23:20	3.6	264	6	4.6	0.0	29.4	65
21/03/2024 23:30	3.4	267	5	4.3	0.0	29.2	66
21/03/2024 23:40	3.7	263	5	4.7	0.0	29.2	65
21/03/2024 23:50	3.7	265	6	4.8	0.0	29.3	63
22/03/2024 00:00	3.4	264	5	4.5	0.0	29.2	63
22/03/2024 00:10	3.6	262	5	4.4	0.0	29.3	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/03/2024 00:20	3.3	267	5	4.1	0.0	29.2	62
22/03/2024 00:30	3.1	268	4	3.9	0.0	29.0	63
22/03/2024 00:40	3.1	269	5	3.9	0.0	29.0	63
22/03/2024 00:50	3.2	266	5	4.3	0.0	28.9	64
22/03/2024 01:00	3.4	269	5	4.2	0.0	28.8	64
22/03/2024 01:10	3.6	269	5	4.4	0.0	28.9	64
22/03/2024 01:20	3.6	265	7	4.6	0.0	28.9	64
22/03/2024 01:30	4.0	266	6	4.7	0.0	28.8	64
22/03/2024 01:40	3.8	273	6	4.6	0.0	28.9	63
22/03/2024 01:50	3.3	275	6	4.1	0.0	28.8	64
22/03/2024 02:00	3.1	273	5	3.8	0.0	28.7	65
22/03/2024 02:10	3.2	278	4	3.8	0.0	28.8	64
22/03/2024 02:20	3.3	278	5	4.0	0.0	28.7	64
22/03/2024 02:30	3.0	271	6	3.9	0.0	28.7	64
22/03/2024 02:40	2.7	270	5	3.3	0.0	28.7	65
22/03/2024 02:50	2.9	270	4	3.3	0.0	28.9	64
22/03/2024 03:00	2.9	273	3	3.3	0.0	29.0	63
22/03/2024 03:10	3.1	269	5	3.7	0.0	29.1	61
22/03/2024 03:20	3.5	271	4	4.1	0.0	29.1	61
22/03/2024 03:30	3.8	273	4	4.3	0.0	29.0	61
22/03/2024 03:40	3.5	268	4	4.1	0.0	28.7	62
22/03/2024 03:50	2.7	259	5	3.2	0.0	28.4	65
22/03/2024 04:00	2.2	266	6	2.9	0.0	28.0	69
22/03/2024 04:10	2.4	270	5	2.8	0.0	28.0	65
22/03/2024 04:20	1.5	250	15	2.2	0.0	28.0	65
22/03/2024 04:30	0.8	226	23	1.3	0.0	27.9	66
22/03/2024 04:40	1.0	250	16	1.6	0.0	27.9	65
22/03/2024 04:50	1.3	247	12	1.9	0.0	28.3	63
22/03/2024 05:00	1.9	197	18	2.5	0.0	28.4	65
22/03/2024 05:10	2.0	191	5	2.3	0.0	28.2	66
22/03/2024 05:20	1.1	184	6	1.5	0.0	28.7	65
22/03/2024 05:30	1.2	182	8	1.8	0.0	28.8	64
22/03/2024 05:40	1.0	194	12	1.2	0.0	28.5	65
22/03/2024 05:50	1.0	196	6	1.2	0.0	28.5	65
22/03/2024 06:00	1.3	201	7	1.7	0.0	28.7	61
22/03/2024 06:10	1.0	210	9	1.7	0.0	28.6	61
22/03/2024 06:20	0.5	161	44	0.9	0.0	28.7	59
22/03/2024 06:30	0.7	157	40	1.6	0.0	28.5	59
22/03/2024 06:40	0.8	196	25	1.5	0.0	29.3	55
22/03/2024 06:50	0.9	216	17	1.4	0.0	29.5	53
22/03/2024 07:00	0.8	187	29	1.3	0.0	29.6	52
22/03/2024 07:10	1.4	116	17	2.1	0.0	30.1	50
22/03/2024 07:20	1.3	115	21	2.3	0.0	30.4	50
22/03/2024 07:30	1.0	104	19	1.4	0.0	30.6	50
22/03/2024 07:40	1.0	108	17	1.6	0.0	31.2	49
22/03/2024 07:50	1.8	175	22	2.9	0.0	31.2	46
22/03/2024 08:00	2.7	184	10	3.6	0.0	31.0	45
22/03/2024 08:10	2.5	187	10	3.4	0.0	31.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/03/2024 08:20	1.8	160	26	2.9	0.0	31.6	44
22/03/2024 08:30	2.2	138	20	3.6	0.0	32.0	43
22/03/2024 08:40	2.4	124	14	3.4	0.0	32.2	42
22/03/2024 08:50	2.7	116	16	3.9	0.0	32.6	40
22/03/2024 09:00	3.4	128	12	4.8	0.0	32.5	40
22/03/2024 09:10	3.3	113	12	4.9	0.0	32.2	42
22/03/2024 09:20	3.0	108	16	4.4	0.0	32.6	43
22/03/2024 09:30	3.3	114	15	4.7	0.0	32.7	44
22/03/2024 09:40	3.6	98	18	5.5	0.0	33.1	45
22/03/2024 09:50	4.6	86	8	6.2	0.0	33.2	45
22/03/2024 10:00	4.5	80	9	6.7	0.0	34.1	43
22/03/2024 10:10	4.5	79	10	5.9	0.0	34.3	42
22/03/2024 10:20	5.0	81	10	7.2	0.0	35.0	42
22/03/2024 10:30	5.7	82	9	8.2	0.0	34.9	42
22/03/2024 10:40	6.0	82	8	7.9	0.0	35.2	41
22/03/2024 10:50	7.2	89	7	10.1	0.0	35.6	39
22/03/2024 11:00	6.7	87	9	10.1	0.0	35.7	37
22/03/2024 11:10	7.0	85	8	9.2	0.0	35.4	36
22/03/2024 11:20	6.5	85	9	10.1	0.0	35.7	34
22/03/2024 11:30	6.2	79	8	8.5	0.0	35.9	33
22/03/2024 11:40	6.2	73	6	8.6	0.0	35.5	34
22/03/2024 11:50	6.6	73	8	8.6	0.0	35.4	34
22/03/2024 12:00	7.3	72	6	9.4	0.0	35.2	33
22/03/2024 12:10	7.6	79	5	9.8	0.0	35.3	32
22/03/2024 12:20	6.7	78	9	9.8	0.0	35.7	33
22/03/2024 12:30	6.3	63	9	8.4	0.0	35.7	33
22/03/2024 12:40	7.1	63	8	9.0	0.0	35.5	32
22/03/2024 12:50	6.6	58	7	8.4	0.0	35.4	33
22/03/2024 13:00	6.8	61	8	8.7	0.0	35.7	33
22/03/2024 13:10	6.9	51	9	9.1	0.0	35.7	33
22/03/2024 13:20	7.0	52	8	9.0	0.0	35.5	34
22/03/2024 13:30	7.5	52	6	9.8	0.0	35.5	32
22/03/2024 13:40	7.6	59	8	9.3	0.0	35.8	31
22/03/2024 13:50	6.9	61	8	9.6	0.0	36.0	31
22/03/2024 14:00	6.9	61	9	9.0	0.0	36.0	31
22/03/2024 14:10	7.5	61	7	10.1	0.0	35.9	31
22/03/2024 14:20	7.2	59	9	9.8	0.0	36.3	31
22/03/2024 14:30	6.8	61	8	9.3	0.0	36.4	31
22/03/2024 14:40	7.1	59	9	9.3	0.0	36.5	31
22/03/2024 14:50	6.5	63	8	9.0	0.0	36.7	30
22/03/2024 15:00	6.4	63	8	8.9	0.0	36.8	30
22/03/2024 15:10	6.1	60	7	8.3	0.0	36.8	31
22/03/2024 15:20	5.8	65	8	7.9	0.0	36.7	32
22/03/2024 15:30	5.4	52	13	7.2	0.0	36.2	34
22/03/2024 15:40	6.3	16	12	8.6	0.0	36.2	34
22/03/2024 15:50	5.9	8	10	7.8	0.0	35.8	38
22/03/2024 16:00	5.7	180	11	7.6	0.0	35.4	40
22/03/2024 16:10	5.9	11	9	7.6	0.0	35.3	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/03/2024 16:20	6.4	14	7	8.2	0.0	35.2	39
22/03/2024 16:30	5.9	5	11	7.9	0.0	35.0	42
22/03/2024 16:40	6.4	10	7	8.2	0.0	34.5	43
22/03/2024 16:50	6.1	6	8	8.2	0.0	34.2	44
22/03/2024 17:00	6.3	9	9	8.1	0.0	34.1	43
22/03/2024 17:10	5.4	3	12	7.1	0.0	34.0	46
22/03/2024 17:20	5.1	185	13	7.4	0.0	33.8	48
22/03/2024 17:30	5.0	12	8	6.5	0.0	33.1	54
22/03/2024 17:40	4.4	11	11	6.4	0.0	32.6	57
22/03/2024 17:50	4.2	10	12	6.6	0.0	32.4	58
22/03/2024 18:00	4.5	358	10	6.5	0.0	32.2	58
22/03/2024 18:10	4.4	359	9	6.2	0.0	32.0	59
22/03/2024 18:20	4.7	353	9	6.4	0.0	31.7	61
22/03/2024 18:30	4.4	335	9	6.1	0.0	31.7	61
22/03/2024 18:40	4.9	347	10	6.5	0.0	31.4	62
22/03/2024 18:50	4.8	349	8	6.3	0.0	31.3	63
22/03/2024 19:00	5.1	345	7	6.5	0.0	31.2	63
22/03/2024 19:10	5.0	343	7	6.6	0.0	31.2	63
22/03/2024 19:20	4.7	341	8	6.3	0.0	31.0	66
22/03/2024 19:30	4.9	340	8	6.4	0.0	30.9	67
22/03/2024 19:40	5.2	331	6	6.9	0.0	30.7	68
22/03/2024 19:50	5.4	333	7	7.0	0.0	30.7	68
22/03/2024 20:00	4.6	332	7	6.2	0.0	30.6	69
22/03/2024 20:10	3.5	345	9	5.0	0.0	30.6	69
22/03/2024 20:20	2.7	328	15	4.6	0.0	30.6	69
22/03/2024 20:30	3.9	292	10	5.9	0.0	30.6	68
22/03/2024 20:40	3.6	271	7	4.4	0.0	30.5	70
22/03/2024 20:50	3.2	276	6	4.0	0.0	30.3	72
22/03/2024 21:00	3.1	277	5	4.0	0.0	30.3	72
22/03/2024 21:10	3.4	271	4	4.3	0.0	30.3	71
22/03/2024 21:20	3.5	267	6	4.1	0.0	30.3	70
22/03/2024 21:30	3.3	267	5	3.9	0.0	30.3	70
22/03/2024 21:40	3.5	267	4	4.2	0.0	30.3	70
22/03/2024 21:50	3.4	260	4	4.2	0.0	30.3	71
22/03/2024 22:00	3.3	264	4	3.8	0.0	30.2	72
22/03/2024 22:10	2.8	265	4	3.6	0.0	30.1	73
22/03/2024 22:20	3.0	266	3	3.4	0.0	30.0	73
22/03/2024 22:30	2.6	268	4	3.0	0.0	29.9	73
22/03/2024 22:40	2.5	272	7	3.2	0.0	29.7	76
22/03/2024 22:50	2.6	275	4	3.2	0.0	29.5	77
22/03/2024 23:00	3.2	267	5	3.9	0.0	29.6	76
22/03/2024 23:10	3.4	264	5	4.1	0.0	29.7	73
22/03/2024 23:20	3.3	271	4	4.0	0.0	29.6	75
22/03/2024 23:30	3.5	268	3	4.3	0.0	29.5	77
22/03/2024 23:40	3.4	268	4	4.0	0.0	29.5	77
22/03/2024 23:50	3.1	271	3	3.7	0.0	29.5	77
23/03/2024 00:00	3.2	272	4	4.1	0.0	29.6	76
23/03/2024 00:10	3.4	266	4	4.2	0.0	29.7	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/03/2024 00:20	3.2	267	4	3.8	0.0	29.6	76
23/03/2024 00:30	3.1	265	5	3.9	0.0	29.6	76
23/03/2024 00:40	2.7	264	5	3.4	0.0	29.5	77
23/03/2024 00:50	2.5	262	6	3.2	0.0	29.4	76
23/03/2024 01:00	2.4	268	6	3.2	0.0	29.4	75
23/03/2024 01:10	2.1	271	9	3.0	0.0	29.2	74
23/03/2024 01:20	1.3	245	24	2.5	0.0	29.5	72
23/03/2024 01:30	1.1	237	24	2.4	0.0	29.7	69
23/03/2024 01:40	2.2	217	22	4.0	0.0	30.1	65
23/03/2024 01:50	2.0	204	14	3.3	0.0	30.2	66
23/03/2024 02:00	2.0	208	20	3.5	0.0	30.2	64
23/03/2024 02:10	2.6	206	15	3.8	0.0	30.6	60
23/03/2024 02:20	1.3	213	39	2.5	0.0	30.6	60
23/03/2024 02:30	1.5	202	11	2.3	0.0	30.7	58
23/03/2024 02:40	1.7	224	28	3.3	0.0	30.7	59
23/03/2024 02:50	1.1	268	12	1.9	0.0	30.2	64
23/03/2024 03:00	1.5	262	12	2.3	0.0	30.2	63
23/03/2024 03:10	1.4	279	11	1.9	0.0	29.8	66
23/03/2024 03:20	1.3	276	11	2.1	0.0	29.8	66
23/03/2024 03:30	0.8	270	26	1.6	0.0	29.9	65
23/03/2024 03:40	0.5	149	42	1.1	0.0	29.6	67
23/03/2024 03:50	0.9	192	56	1.9	0.0	29.4	67
23/03/2024 04:00	0.7	75	53	2.0	0.0	29.3	66
23/03/2024 04:10	0.4	130	45	1.2	0.0	29.7	62
23/03/2024 04:20	1.2	105	34	2.3	0.0	30.4	57
23/03/2024 04:30	1.8	111	16	3.1	0.0	30.8	56
23/03/2024 04:40	2.2	109	14	3.3	0.0	30.7	56
23/03/2024 04:50	1.7	124	21	3.2	0.0	30.8	56
23/03/2024 05:00	2.2	111	17	3.5	0.0	30.6	60
23/03/2024 05:10	3.6	110	11	5.4	0.0	30.7	57
23/03/2024 05:20	5.0	113	10	8.3	0.0	31.3	51
23/03/2024 05:30	6.0	107	11	8.7	0.0	31.6	47
23/03/2024 05:40	6.8	108	12	10.0	0.0	31.5	46
23/03/2024 05:50	7.4	107	10	11.1	0.0	31.4	44
23/03/2024 06:00	7.8	108	12	11.9	0.0	31.5	43
23/03/2024 06:10	7.8	108	11	11.3	0.0	31.3	44
23/03/2024 06:20	7.3	105	11	11.7	0.0	31.2	43
23/03/2024 06:30	7.2	109	12	10.8	0.0	31.1	44
23/03/2024 06:40	7.7	108	10	12.3	0.0	31.0	43
23/03/2024 06:50	8.2	109	10	13.3	0.0	30.9	42
23/03/2024 07:00	8.8	107	10	13.5	0.0	30.8	42
23/03/2024 07:10	7.9	108	10	11.9	0.0	30.8	42
23/03/2024 07:20	7.4	108	10	11.9	0.0	30.8	42
23/03/2024 07:30	6.5	107	11	10.1	0.0	31.0	41
23/03/2024 07:40	6.0	109	14	9.4	0.0	31.0	40
23/03/2024 07:50	6.5	110	11	11.2	0.0	31.1	39
23/03/2024 08:00	6.2	110	11	10.0	0.0	31.2	38
23/03/2024 08:10	5.8	109	11	8.6	0.0	31.3	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/03/2024 08:20	7.3	110	10	11.6	0.0	31.3	36
23/03/2024 08:30	7.7	109	10	10.8	0.0	31.4	37
23/03/2024 08:40	7.3	109	12	10.7	0.0	31.6	35
23/03/2024 08:50	6.8	110	10	10.8	0.0	31.8	36
23/03/2024 09:00	8.0	107	11	12.5	0.0	31.9	35
23/03/2024 09:10	7.2	105	12	11.6	0.0	32.1	34
23/03/2024 09:20	7.3	104	10	11.2	0.0	32.3	33
23/03/2024 09:30	7.1	103	11	11.5	0.0	32.5	33
23/03/2024 09:40	7.2	106	11	12.1	0.0	32.5	34
23/03/2024 09:50	7.0	104	12	9.5	0.0	32.9	33
23/03/2024 10:00	7.2	101	10	11.1	0.0	32.8	33
23/03/2024 10:10	6.9	99	12	9.5	0.0	33.1	33
23/03/2024 10:20	7.2	102	13	11.1	0.0	33.2	33
23/03/2024 10:30	8.2	91	6	10.7	0.0	33.2	32
23/03/2024 10:40	7.5	89	8	11.7	0.0	33.3	33
23/03/2024 10:50	7.5	88	8	11.0	0.0	33.6	32
23/03/2024 11:00	7.2	85	9	10.5	0.0	34.0	31
23/03/2024 11:10	7.4	83	9	10.8	0.0	34.0	31
23/03/2024 11:20	7.7	87	9	11.1	0.0	34.0	32
23/03/2024 11:30	7.6	84	8	10.3	0.0	33.7	32
23/03/2024 11:40	7.1	83	9	10.4	0.0	34.0	33
23/03/2024 11:50	7.0	81	10	10.0	0.0	34.2	32
23/03/2024 12:00	7.1	80	9	10.0	0.0	34.3	31
23/03/2024 12:10	7.6	75	8	9.7	0.0	34.2	32
23/03/2024 12:20	8.2	73	6	11.2	0.0	34.2	30
23/03/2024 12:30	8.3	75	6	10.5	0.0	33.8	33
23/03/2024 12:40	7.9	81	7	10.6	0.0	33.9	34
23/03/2024 12:50	6.7	76	8	9.2	0.0	34.3	34
23/03/2024 13:00	6.3	70	10	8.8	0.0	34.5	34
23/03/2024 13:10	6.5	67	10	9.0	0.0	34.4	33
23/03/2024 13:20	7.2	61	8	9.6	0.0	33.9	35
23/03/2024 13:30	7.2	62	8	9.7	0.0	34.0	33
23/03/2024 13:40	6.9	57	7	9.2	0.0	33.9	34
23/03/2024 13:50	7.2	57	9	9.5	0.0	34.1	33
23/03/2024 14:00	6.7	57	10	8.9	0.0	34.5	33
23/03/2024 14:10	6.6	53	10	9.8	0.0	34.5	32
23/03/2024 14:20	7.4	48	8	10.8	0.0	34.4	31
23/03/2024 14:30	8.3	52	8	10.9	0.0	34.1	31
23/03/2024 14:40	7.8	53	8	10.5	0.0	34.3	30
23/03/2024 14:50	7.4	56	8	9.4	0.0	34.6	31
23/03/2024 15:00	7.2	56	6	9.0	0.0	34.6	28
23/03/2024 15:10	6.4	64	8	8.4	0.0	35.0	27
23/03/2024 15:20	6.2	60	8	8.5	0.0	35.2	27
23/03/2024 15:30	6.1	56	8	8.3	0.0	35.4	27
23/03/2024 15:40	5.1	58	10	7.4	0.0	35.7	26
23/03/2024 15:50	5.0	56	9	7.1	0.0	35.7	26
23/03/2024 16:00	4.9	40	7	6.9	0.0	35.6	26
23/03/2024 16:10	3.6	41	17	5.8	0.0	35.6	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/03/2024 16:20	4.2	17	17	6.0	0.0	35.5	31
23/03/2024 16:30	5.0	13	11	6.6	0.0	35.0	33
23/03/2024 16:40	5.5	8	7	6.7	0.0	34.1	41
23/03/2024 16:50	5.6	5	8	7.2	0.0	33.5	45
23/03/2024 17:00	5.5	181	8	7.2	0.0	33.3	47
23/03/2024 17:10	5.7	182	7	7.2	0.0	32.8	50
23/03/2024 17:20	5.2	181	7	6.6	0.0	32.5	51
23/03/2024 17:30	4.9	357	8	6.7	0.0	32.3	52
23/03/2024 17:40	5.4	352	7	6.8	0.0	32.2	50
23/03/2024 17:50	5.1	347	10	6.7	0.0	32.0	50
23/03/2024 18:00	5.1	350	8	6.5	0.0	31.7	53
23/03/2024 18:10	4.3	349	10	6.2	0.0	31.5	55
23/03/2024 18:20	4.0	342	8	5.2	0.0	31.3	56
23/03/2024 18:30	5.0	344	8	7.2	0.0	31.2	56
23/03/2024 18:40	5.2	352	8	6.9	0.0	30.9	57
23/03/2024 18:50	4.6	352	7	6.4	0.0	30.9	56
23/03/2024 19:00	4.3	343	8	5.8	0.0	30.9	56
23/03/2024 19:10	3.7	343	9	5.6	0.0	30.9	57
23/03/2024 19:20	4.3	335	7	5.9	0.0	30.7	58
23/03/2024 19:30	3.8	338	8	4.9	0.0	30.6	61
23/03/2024 19:40	3.7	339	8	4.8	0.0	30.4	61
23/03/2024 19:50	3.8	336	7	4.9	0.0	30.4	62
23/03/2024 20:00	3.0	335	11	4.2	0.0	30.4	62
23/03/2024 20:10	2.6	336	12	4.1	0.0	30.3	64
23/03/2024 20:20	2.4	324	14	3.9	0.0	30.1	66
23/03/2024 20:30	2.6	312	13	3.7	0.0	30.1	67
23/03/2024 20:40	2.8	317	13	4.2	0.0	30.0	68
23/03/2024 20:50	2.1	288	13	3.2	0.0	29.9	69
23/03/2024 21:00	2.2	270	8	3.0	0.0	29.8	69
23/03/2024 21:10	1.8	272	5	2.4	0.0	29.7	71
23/03/2024 21:20	1.7	282	6	2.3	0.0	29.5	72
23/03/2024 21:30	1.4	284	8	2.0	0.0	29.5	70
23/03/2024 21:40	1.0	274	7	1.5	0.0	29.5	70
23/03/2024 21:50	0.8	229	19	1.1	0.0	29.5	71
23/03/2024 22:00	1.2	236	25	1.6	0.0	29.4	73
23/03/2024 22:10	1.2	56	47	1.9	0.0	29.0	74
23/03/2024 22:20	0.3	114	38	0.5	0.0	28.7	75
23/03/2024 22:30	0.6	143	33	1.2	0.0	29.0	73
23/03/2024 22:40	0.5	126	51	0.9	0.0	29.0	71
23/03/2024 22:50	0.6	187	23	1.1	0.0	29.4	67
23/03/2024 23:00	1.1	176	9	1.9	0.0	29.6	64
23/03/2024 23:10	2.0	192	8	2.8	0.0	29.7	64
23/03/2024 23:20	1.9	194	11	2.8	0.0	28.8	72
23/03/2024 23:30	1.4	205	15	2.4	0.0	28.7	73
23/03/2024 23:40	1.3	202	18	2.2	0.0	28.7	71
23/03/2024 23:50	1.1	192	24	2.1	0.0	28.6	71
24/03/2024 00:00	1.5	180	15	2.6	0.0	28.8	66
24/03/2024 00:10	2.1	175	13	3.1	0.0	29.2	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/03/2024 00:20	2.4	144	19	4.4	0.0	30.3	47
24/03/2024 00:30	2.6	134	23	5.0	0.0	30.6	45
24/03/2024 00:40	3.0	135	18	5.7	0.0	30.7	42
24/03/2024 00:50	3.3	114	17	6.3	0.0	30.9	39
24/03/2024 01:00	2.5	119	19	4.8	0.0	30.6	40
24/03/2024 01:10	3.4	119	15	5.5	0.0	30.4	39
24/03/2024 01:20	4.7	110	10	7.4	0.0	30.5	39
24/03/2024 01:30	6.2	109	9	9.6	0.0	30.7	37
24/03/2024 01:40	6.2	108	11	9.8	0.0	30.6	36
24/03/2024 01:50	6.6	110	10	9.2	0.0	30.5	36
24/03/2024 02:00	6.8	109	11	10.0	0.0	30.5	35
24/03/2024 02:10	6.1	109	11	9.5	0.0	30.4	36
24/03/2024 02:20	6.7	108	10	10.9	0.0	30.4	34
24/03/2024 02:30	6.3	109	11	9.5	0.0	30.3	35
24/03/2024 02:40	6.4	107	10	10.2	0.0	30.1	35
24/03/2024 02:50	6.7	109	10	10.0	0.0	30.1	34
24/03/2024 03:00	6.2	108	12	9.3	0.0	29.9	35
24/03/2024 03:10	6.6	111	10	10.3	0.0	29.8	34
24/03/2024 03:20	6.0	109	10	10.4	0.0	29.5	35
24/03/2024 03:30	6.6	110	10	10.9	0.0	29.4	35
24/03/2024 03:40	7.7	109	10	11.2	0.0	29.3	35
24/03/2024 03:50	7.0	110	11	10.2	0.0	29.1	36
24/03/2024 04:00	7.2	109	11	10.4	0.0	29.0	34
24/03/2024 04:10	6.9	110	11	11.1	0.0	28.9	35
24/03/2024 04:20	6.8	111	11	10.5	0.0	28.7	36
24/03/2024 04:30	8.1	108	10	12.0	0.0	28.6	35
24/03/2024 04:40	7.8	108	10	13.0	0.0	28.5	35
24/03/2024 04:50	8.5	106	10	12.8	0.0	28.4	35
24/03/2024 05:00	8.3	106	11	12.7	0.0	28.4	35
24/03/2024 05:10	7.6	108	10	11.8	0.0	28.1	37
24/03/2024 05:20	8.2	107	11	13.0	0.0	28.1	36
24/03/2024 05:30	8.1	107	10	12.0	0.0	27.9	36
24/03/2024 05:40	8.3	107	10	13.2	0.0	27.9	36
24/03/2024 05:50	9.0	109	11	13.6	0.0	27.8	35
24/03/2024 06:00	8.9	107	11	13.5	0.0	27.8	36
24/03/2024 06:10	8.8	107	11	13.9	0.0	27.6	36
24/03/2024 06:20	9.3	108	10	14.1	0.0	27.5	37
24/03/2024 06:30	9.1	107	11	12.7	0.0	27.5	37
24/03/2024 06:40	9.2	107	10	14.0	0.0	27.4	37
24/03/2024 06:50	9.0	106	10	13.4	0.0	27.3	37
24/03/2024 07:00	8.5	106	10	13.4	0.0	27.3	38
24/03/2024 07:10	9.2	106	11	13.4	0.0	27.3	38
24/03/2024 07:20	8.7	108	11	12.6	0.0	27.3	38
24/03/2024 07:30	8.3	107	10	13.4	0.0	27.3	39
24/03/2024 07:40	8.3	105	12	14.1	0.0	27.4	37
24/03/2024 07:50	8.7	106	11	13.5	0.0	27.4	38
24/03/2024 08:00	8.1	107	10	12.2	0.0	27.6	38
24/03/2024 08:10	7.9	108	12	12.6	0.0	27.6	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/03/2024 08:20	9.0	108	12	13.9	0.0	27.7	37
24/03/2024 08:30	8.2	106	10	12.6	0.0	27.9	37
24/03/2024 08:40	8.1	106	11	12.8	0.0	28.0	37
24/03/2024 08:50	8.2	109	10	11.9	0.0	28.2	37
24/03/2024 09:00	7.9	107	11	12.8	0.0	28.5	36
24/03/2024 09:10	8.2	107	11	12.1	0.0	28.7	36
24/03/2024 09:20	9.0	108	10	12.8	0.0	28.6	35
24/03/2024 09:30	8.8	107	10	12.4	0.0	28.8	35
24/03/2024 09:40	8.6	108	10	12.5	0.0	28.8	35
24/03/2024 09:50	8.1	109	11	13.1	0.0	29.2	34
24/03/2024 10:00	8.4	107	10	12.6	0.0	29.3	33
24/03/2024 10:10	7.7	108	11	11.8	0.0	29.6	32
24/03/2024 10:20	7.2	105	12	9.9	0.0	29.9	33
24/03/2024 10:30	8.0	105	11	11.0	0.0	30.0	31
24/03/2024 10:40	7.4	99	11	11.2	0.0	30.4	31
24/03/2024 10:50	6.8	105	11	10.7	0.0	30.5	31
24/03/2024 11:00	6.5	106	11	9.3	0.0	30.6	31
24/03/2024 11:10	6.4	103	11	9.3	0.0	30.9	30
24/03/2024 11:20	6.0	103	12	8.7	0.0	31.1	30
24/03/2024 11:30	6.4	104	14	9.3	0.0	31.4	30
24/03/2024 11:40	6.5	97	13	9.0	0.0	31.5	29
24/03/2024 11:50	6.9	91	7	9.1	0.0	31.3	29
24/03/2024 12:00	6.3	87	11	8.6	0.0	31.4	31
24/03/2024 12:10	6.8	83	10	9.6	0.0	31.5	32
24/03/2024 12:20	6.8	77	10	9.8	0.0	31.4	32
24/03/2024 12:30	6.9	84	10	9.5	0.0	31.5	32
24/03/2024 12:40	7.1	84	9	9.6	0.0	31.5	32
24/03/2024 12:50	6.6	74	8	8.7	0.0	31.7	30
24/03/2024 13:00	7.3	72	6	8.9	0.0	31.3	31
24/03/2024 13:10	6.9	81	7	9.1	0.0	31.4	32
24/03/2024 13:20	6.3	78	9	8.7	0.0	31.9	31
24/03/2024 13:30	6.3	62	9	8.9	0.0	31.8	32
24/03/2024 13:40	5.7	66	13	7.8	0.0	31.7	31
24/03/2024 13:50	6.2	57	9	8.2	0.0	31.6	32
24/03/2024 14:00	6.7	56	8	8.8	0.0	31.7	31
24/03/2024 14:10	6.3	56	9	8.6	0.0	31.5	31
24/03/2024 14:20	6.3	60	8	8.6	0.0	31.7	31
24/03/2024 14:30	5.5	59	10	7.4	0.0	32.2	28
24/03/2024 14:40	5.8	62	10	7.4	0.0	32.0	27
24/03/2024 14:50	5.6	60	12	7.3	0.0	32.1	29
24/03/2024 15:00	4.9	53	12	7.0	0.0	32.1	30
24/03/2024 15:10	5.3	47	9	6.9	0.0	32.1	28
24/03/2024 15:20	5.0	53	9	6.5	0.0	32.4	27
24/03/2024 15:30	4.8	52	9	6.5	0.0	32.3	28
24/03/2024 15:40	5.0	53	8	6.6	0.0	32.5	26
24/03/2024 15:50	4.5	56	12	6.0	0.0	32.8	25
24/03/2024 16:00	5.0	59	9	6.2	0.0	32.5	27
24/03/2024 16:10	4.2	53	9	5.9	0.0	32.6	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/03/2024 16:20	4.5	56	7	6.2	0.0	32.6	25
24/03/2024 16:30	4.2	50	7	5.5	0.0	32.6	25
24/03/2024 16:40	3.2	10	23	6.7	0.0	32.5	29
24/03/2024 16:50	3.7	16	18	5.4	0.0	32.1	32
24/03/2024 17:00	3.4	8	12	4.7	0.0	32.1	30
24/03/2024 17:10	4.8	343	13	6.1	0.0	31.5	38
24/03/2024 17:20	4.5	172	12	6.3	0.0	31.0	39
24/03/2024 17:30	4.8	7	10	6.6	0.0	30.9	39
24/03/2024 17:40	5.7	2	7	7.5	0.0	30.5	40
24/03/2024 17:50	4.8	3	10	6.2	0.0	30.4	40
24/03/2024 18:00	5.7	182	8	7.3	0.0	30.3	40
24/03/2024 18:10	5.0	4	9	6.4	0.0	30.1	42
24/03/2024 18:20	5.1	3	7	6.7	0.0	29.9	44
24/03/2024 18:30	4.7	346	8	6.2	0.0	29.6	46
24/03/2024 18:40	4.5	334	10	6.3	0.0	29.5	49
24/03/2024 18:50	4.5	326	9	6.5	0.0	29.5	50
24/03/2024 19:00	4.6	318	10	6.6	0.0	29.3	50
24/03/2024 19:10	4.5	311	9	6.3	0.0	29.3	50
24/03/2024 19:20	4.5	311	8	5.9	0.0	29.1	51
24/03/2024 19:30	4.4	300	10	6.0	0.0	29.1	51
24/03/2024 19:40	4.2	288	7	5.4	0.0	29.0	51
24/03/2024 19:50	3.8	292	8	5.0	0.0	28.9	52
24/03/2024 20:00	3.8	286	5	4.8	0.0	28.8	52
24/03/2024 20:10	3.9	289	5	4.9	0.0	28.8	53
24/03/2024 20:20	3.6	290	6	4.7	0.0	28.7	54
24/03/2024 20:30	3.6	286	5	4.5	0.0	28.6	53
24/03/2024 20:40	3.5	275	7	4.6	0.0	28.6	54
24/03/2024 20:50	4.2	268	7	5.2	0.0	28.6	55
24/03/2024 21:00	3.7	271	6	4.9	0.0	28.6	55
24/03/2024 21:10	3.1	269	8	4.2	0.0	28.5	57
24/03/2024 21:20	3.6	277	6	4.4	0.0	28.5	55
24/03/2024 21:30	3.3	271	6	4.0	0.0	28.5	57
24/03/2024 21:40	3.5	266	5	4.2	0.0	28.5	58
24/03/2024 21:50	3.7	259	6	4.9	0.0	28.4	60
24/03/2024 22:00	3.8	261	6	4.6	0.0	28.4	59
24/03/2024 22:10	3.9	259	5	4.7	0.0	28.4	60
24/03/2024 22:20	4.2	261	6	4.9	0.0	28.5	59
24/03/2024 22:30	4.2	259	5	5.2	0.0	28.5	60
24/03/2024 22:40	4.3	256	6	5.4	0.0	28.4	60
24/03/2024 22:50	4.5	258	6	5.7	0.0	28.3	60
24/03/2024 23:00	4.8	258	5	5.7	0.0	28.4	60
24/03/2024 23:10	4.7	259	6	5.7	0.0	28.4	59
24/03/2024 23:20	4.4	252	8	5.8	0.0	28.3	60
24/03/2024 23:30	4.0	255	8	5.6	0.0	28.1	60
24/03/2024 23:40	4.1	249	9	5.6	0.0	28.2	59
24/03/2024 23:50	3.7	265	7	4.9	0.0	27.8	60
25/03/2024 00:00	3.3	256	10	4.4	0.0	27.8	60
25/03/2024 00:10	3.8	275	7	4.7	0.0	27.8	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/03/2024 00:20	3.8	272	8	5.3	0.0	27.8	60
25/03/2024 00:30	3.1	260	13	4.6	0.0	27.8	60
25/03/2024 00:40	3.6	257	10	4.8	0.0	27.9	58
25/03/2024 00:50	3.3	272	8	4.8	0.0	27.7	59
25/03/2024 01:00	2.7	277	11	4.5	0.0	27.5	61
25/03/2024 01:10	0.8	294	49	1.8	0.0	27.4	62
25/03/2024 01:20	1.6	221	26	3.1	0.0	27.4	62
25/03/2024 01:30	3.1	211	9	5.0	0.0	27.5	61
25/03/2024 01:40	2.2	208	9	3.5	0.0	27.4	62
25/03/2024 01:50	2.5	214	8	3.6	0.0	27.3	62
25/03/2024 02:00	2.6	198	12	4.1	0.0	27.1	64
25/03/2024 02:10	3.2	210	10	4.4	0.0	27.0	62
25/03/2024 02:20	3.5	213	8	5.1	0.0	27.3	59
25/03/2024 02:30	2.9	200	15	5.1	0.0	27.1	56
25/03/2024 02:40	2.8	189	13	4.4	0.0	27.5	50
25/03/2024 02:50	2.0	155	20	3.7	0.0	27.6	47
25/03/2024 03:00	1.9	161	18	3.3	0.0	27.4	47
25/03/2024 03:10	2.9	148	19	4.9	0.0	27.8	44
25/03/2024 03:20	4.3	119	17	8.6	0.0	28.3	42
25/03/2024 03:30	5.5	110	14	9.6	0.0	28.7	41
25/03/2024 03:40	5.7	110	10	9.6	0.0	28.7	40
25/03/2024 03:50	3.1	137	16	5.0	0.0	28.2	42
25/03/2024 04:00	2.8	139	13	4.5	0.0	27.9	40
25/03/2024 04:10	2.9	135	11	4.1	0.0	27.6	43
25/03/2024 04:20	3.0	140	12	4.5	0.0	27.6	42
25/03/2024 04:30	2.8	140	12	4.5	0.0	27.6	42
25/03/2024 04:40	2.7	137	16	5.0	0.0	27.5	42
25/03/2024 04:50	2.4	132	19	4.9	0.0	27.3	44
25/03/2024 05:00	2.1	132	23	3.9	0.0	27.1	45
25/03/2024 05:10	3.0	137	17	4.9	0.0	27.3	42
25/03/2024 05:20	2.1	125	21	4.2	0.0	27.2	43
25/03/2024 05:30	2.0	124	22	4.5	0.0	27.0	44
25/03/2024 05:40	3.2	111	15	5.6	0.0	26.9	44
25/03/2024 05:50	4.5	108	11	7.3	0.0	26.9	44
25/03/2024 06:00	4.8	108	10	6.9	0.0	26.8	47
25/03/2024 06:10	5.1	110	11	7.4	0.0	26.8	46
25/03/2024 06:20	5.4	110	9	7.7	0.0	26.8	44
25/03/2024 06:30	5.6	109	11	7.9	0.0	26.8	44
25/03/2024 06:40	5.7	110	10	8.1	0.0	26.8	44
25/03/2024 06:50	5.2	109	11	7.7	0.0	26.7	46
25/03/2024 07:00	5.1	108	11	7.4	0.0	26.8	45
25/03/2024 07:10	4.8	108	13	7.6	0.0	27.2	44
25/03/2024 07:20	5.1	108	11	7.6	0.0	27.4	43
25/03/2024 07:30	5.4	108	9	7.3	0.0	27.3	44
25/03/2024 07:40	5.4	111	10	8.0	0.0	27.4	44
25/03/2024 07:50	4.9	109	11	7.1	0.0	27.6	43
25/03/2024 08:00	4.9	109	12	7.3	0.0	27.9	42
25/03/2024 08:10	5.0	108	11	7.4	0.0	28.2	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/03/2024 08:20	5.5	104	13	8.3	0.0	28.3	41
25/03/2024 08:30	5.8	97	12	9.2	0.0	28.7	40
25/03/2024 08:40	6.3	96	11	8.6	0.0	28.7	40
25/03/2024 08:50	6.5	95	10	10.1	0.0	28.8	41
25/03/2024 09:00	6.4	97	12	9.6	0.0	29.0	41
25/03/2024 09:10	6.4	101	12	9.7	0.0	28.9	41
25/03/2024 09:20	6.4	95	10	8.7	0.0	29.0	42
25/03/2024 09:30	6.5	96	10	8.9	0.0	29.0	41
25/03/2024 09:40	6.8	89	9	9.6	0.0	29.2	40
25/03/2024 09:50	6.8	89	8	9.4	0.0	29.1	41
25/03/2024 10:00	6.4	91	9	9.0	0.0	29.2	40
25/03/2024 10:10	6.4	91	9	8.5	0.0	29.1	41
25/03/2024 10:20	6.0	89	11	8.9	0.0	29.4	41
25/03/2024 10:30	6.0	85	10	8.3	0.0	29.5	41
25/03/2024 10:40	5.8	88	14	8.0	0.0	29.4	42
25/03/2024 10:50	4.9	84	13	7.0	0.0	29.7	40
25/03/2024 11:00	6.0	76	9	7.8	0.0	29.6	39
25/03/2024 11:10	6.1	74	9	8.6	0.0	29.6	38
25/03/2024 11:20	6.0	78	12	8.1	0.0	29.5	40
25/03/2024 11:30	5.7	80	11	8.0	0.0	29.6	40
25/03/2024 11:40	5.5	76	13	8.0	0.0	29.7	40
25/03/2024 11:50	5.7	59	11	7.9	0.0	29.8	39
25/03/2024 12:00	6.1	57	8	8.0	0.0	29.5	40
25/03/2024 12:10	5.7	54	10	7.4	0.0	29.6	41
25/03/2024 12:20	5.8	58	9	7.6	0.0	29.7	39
25/03/2024 12:30	5.6	59	11	8.0	0.0	29.7	38
25/03/2024 12:40	5.8	62	10	7.7	0.0	30.1	38
25/03/2024 12:50	5.7	63	11	8.0	0.0	30.3	36
25/03/2024 13:00	5.4	65	12	7.9	0.0	30.9	35
25/03/2024 13:10	5.4	65	9	7.1	0.0	30.6	34
25/03/2024 13:20	4.6	58	10	6.9	0.0	30.9	34
25/03/2024 13:30	4.9	53	21	7.3	0.0	31.6	35
25/03/2024 13:40	5.1	7	14	7.1	0.0	31.1	35
25/03/2024 13:50	5.4	10	14	8.2	0.0	31.6	35
25/03/2024 14:00	5.4	11	13	7.3	0.0	31.5	34
25/03/2024 14:10	4.3	12	13	6.7	0.0	31.7	34
25/03/2024 14:20	5.8	358	9	7.9	0.0	31.4	38
25/03/2024 14:30	5.7	4	10	7.8	0.0	31.1	38
25/03/2024 14:40	6.1	180	11	7.9	0.0	31.2	40
25/03/2024 14:50	6.1	185	11	7.9	0.0	31.2	41
25/03/2024 15:00	5.7	6	13	7.8	0.0	31.1	42
25/03/2024 15:10	6.4	9	8	8.4	0.0	31.0	43
25/03/2024 15:20	6.8	16	6	8.5	0.0	30.7	44
25/03/2024 15:30	6.5	9	10	8.0	0.0	30.7	43
25/03/2024 15:40	6.1	6	10	7.7	0.0	30.6	43
25/03/2024 15:50	5.6	180	11	7.6	0.0	30.8	40
25/03/2024 16:00	5.7	343	8	7.4	0.0	30.4	43
25/03/2024 16:10	6.2	343	7	7.7	0.0	30.0	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/03/2024 16:20	6.4	346	8	8.2	0.0	29.9	47
25/03/2024 16:30	6.1	348	11	8.1	0.0	29.9	48
25/03/2024 16:40	6.6	341	8	9.0	0.0	29.8	48
25/03/2024 16:50	6.5	348	9	8.6	0.0	29.3	51
25/03/2024 17:00	5.9	346	12	8.0	0.0	29.2	52
25/03/2024 17:10	5.1	341	13	7.0	0.0	29.2	53
25/03/2024 17:20	5.0	346	12	6.8	0.0	29.0	54
25/03/2024 17:30	5.3	344	12	7.1	0.0	28.9	54
25/03/2024 17:40	5.2	341	12	6.5	0.0	28.7	56
25/03/2024 17:50	4.9	339	12	6.6	0.0	28.8	55
25/03/2024 18:00	4.6	332	10	6.9	0.0	28.6	56
25/03/2024 18:10	5.0	328	9	7.4	0.0	28.6	57
25/03/2024 18:20	5.2	328	8	6.9	0.0	28.5	57
25/03/2024 18:30	4.5	322	12	7.0	0.0	28.6	58
25/03/2024 18:40	3.4	302	12	5.1	0.0	28.5	58
25/03/2024 18:50	4.7	292	8	6.4	0.0	28.5	58
25/03/2024 19:00	4.1	299	13	5.7	0.0	28.4	59
25/03/2024 19:10	4.3	294	9	6.0	0.0	28.3	59
25/03/2024 19:20	4.9	289	6	6.4	0.0	28.2	60
25/03/2024 19:30	4.9	288	7	6.3	0.0	28.2	61
25/03/2024 19:40	5.2	286	7	7.2	0.0	28.1	61
25/03/2024 19:50	5.2	281	7	7.5	0.0	28.2	60
25/03/2024 20:00	5.0	280	7	6.8	0.0	28.2	61
25/03/2024 20:10	5.2	278	8	6.6	0.0	28.2	61
25/03/2024 20:20	5.5	278	9	7.1	0.0	28.2	60
25/03/2024 20:30	5.5	281	6	7.8	0.0	28.0	62
25/03/2024 20:40	5.5	275	6	7.1	0.0	28.0	63
25/03/2024 20:50	4.9	278	6	6.2	0.0	27.9	64
25/03/2024 21:00	5.0	277	7	6.4	0.0	27.9	65
25/03/2024 21:10	5.2	272	7	7.0	0.0	27.9	65
25/03/2024 21:20	6.1	267	8	7.7	0.0	28.0	65
25/03/2024 21:30	5.6	271	7	8.1	0.0	27.9	65
25/03/2024 21:40	6.4	266	5	8.3	0.0	27.9	66
25/03/2024 21:50	6.4	263	6	8.4	0.0	27.9	66
25/03/2024 22:00	6.4	262	6	9.3	0.0	27.9	68
25/03/2024 22:10	6.4	262	8	8.4	0.0	27.9	68
25/03/2024 22:20	5.7	256	6	7.8	0.0	27.8	68
25/03/2024 22:30	6.0	257	6	7.8	0.0	27.8	68
25/03/2024 22:40	5.1	257	7	7.1	0.0	27.7	69
25/03/2024 22:50	5.2	257	6	6.7	0.0	27.7	70
25/03/2024 23:00	5.0	254	6	6.9	0.0	27.7	70
25/03/2024 23:10	3.7	238	11	5.3	0.0	27.8	70
25/03/2024 23:20	3.6	239	11	5.5	0.0	27.8	70
25/03/2024 23:30	3.1	243	12	4.9	0.0	27.6	70
25/03/2024 23:40	2.9	246	14	4.6	0.0	27.7	70
25/03/2024 23:50	3.3	249	11	4.7	0.0	27.7	70
26/03/2024 00:00	3.7	269	8	4.9	0.0	27.4	70
26/03/2024 00:10	4.0	265	6	5.4	0.0	27.3	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/03/2024 00:20	4.1	256	5	5.1	0.0	27.3	71
26/03/2024 00:30	3.7	248	10	5.7	0.0	27.3	70
26/03/2024 00:40	3.3	237	10	5.0	0.0	27.5	70
26/03/2024 00:50	3.4	251	10	5.0	0.0	27.3	71
26/03/2024 01:00	3.5	263	6	4.7	0.0	27.1	72
26/03/2024 01:10	3.1	264	7	4.1	0.0	27.0	73
26/03/2024 01:20	3.0	263	6	4.0	0.0	26.9	73
26/03/2024 01:30	3.3	263	7	4.3	0.0	26.9	73
26/03/2024 01:40	2.7	267	11	3.9	0.0	26.8	74
26/03/2024 01:50	2.8	259	8	4.2	0.0	26.7	74
26/03/2024 02:00	3.2	246	11	4.4	0.0	26.9	73
26/03/2024 02:10	3.4	238	12	4.9	0.0	27.2	72
26/03/2024 02:20	4.0	242	10	5.6	0.0	27.2	72
26/03/2024 02:30	3.3	244	11	4.4	0.0	27.3	72
26/03/2024 02:40	2.4	244	15	3.6	0.0	27.1	72
26/03/2024 02:50	2.6	245	16	4.0	0.0	27.1	72
26/03/2024 03:00	3.6	248	11	5.6	0.0	27.2	72
26/03/2024 03:10	3.9	247	10	5.6	0.0	27.3	72
26/03/2024 03:20	3.9	248	11	5.3	0.0	27.2	73
26/03/2024 03:30	3.3	250	11	4.8	0.0	27.1	73
26/03/2024 03:40	3.3	249	12	4.6	0.0	27.1	73
26/03/2024 03:50	3.5	250	13	4.7	0.0	27.0	74
26/03/2024 04:00	2.3	233	19	4.0	0.0	27.1	74
26/03/2024 04:10	2.8	256	12	4.5	0.0	27.0	74
26/03/2024 04:20	3.0	278	8	4.1	0.0	26.7	75
26/03/2024 04:30	3.1	285	6	4.0	0.0	26.5	76
26/03/2024 04:40	2.9	276	7	3.8	0.0	26.5	76
26/03/2024 04:50	2.7	265	7	3.4	0.0	26.6	76
26/03/2024 05:00	2.8	272	7	3.6	0.0	26.5	76
26/03/2024 05:10	2.7	276	6	3.5	0.0	26.5	76
26/03/2024 05:20	2.8	272	6	3.5	0.0	26.5	76
26/03/2024 05:30	2.2	262	8	3.2	0.0	26.4	77
26/03/2024 05:40	2.4	248	11	3.4	0.0	26.5	76
26/03/2024 05:50	1.5	245	16	2.4	0.0	26.6	75
26/03/2024 06:00	1.1	213	19	1.8	0.0	26.5	76
26/03/2024 06:10	1.3	199	14	2.1	0.0	26.5	76
26/03/2024 06:20	1.4	192	7	2.0	0.0	26.3	76
26/03/2024 06:30	1.2	191	12	1.8	0.0	26.3	76
26/03/2024 06:40	0.9	195	12	1.5	0.0	26.4	75
26/03/2024 06:50	1.3	189	9	2.0	0.0	26.4	75
26/03/2024 07:00	2.0	175	8	2.7	0.0	26.7	73
26/03/2024 07:10	2.5	177	8	3.6	0.0	27.0	72
26/03/2024 07:20	2.9	178	7	4.2	0.0	27.2	71
26/03/2024 07:30	3.1	176	11	4.4	0.0	27.3	70
26/03/2024 07:40	3.4	164	15	5.0	0.0	27.5	68
26/03/2024 07:50	3.4	144	15	5.2	0.0	27.8	66
26/03/2024 08:00	3.6	138	15	5.3	0.0	27.6	66
26/03/2024 08:10	4.8	114	14	7.7	0.0	27.8	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/03/2024 08:20	5.3	111	10	7.3	0.0	27.8	63
26/03/2024 08:30	5.5	113	10	7.7	0.0	28.0	62
26/03/2024 08:40	6.0	110	10	8.3	0.0	28.3	63
26/03/2024 08:50	6.0	106	12	9.1	0.0	28.8	63
26/03/2024 09:00	6.2	105	13	9.0	0.0	29.1	60
26/03/2024 09:10	6.9	104	12	11.0	0.0	29.4	57
26/03/2024 09:20	7.6	95	9	10.2	0.0	29.2	58
26/03/2024 09:30	7.5	94	10	10.9	0.0	29.3	59
26/03/2024 09:40	8.0	88	7	10.5	0.0	29.5	57
26/03/2024 09:50	7.8	89	7	10.9	0.0	30.0	55
26/03/2024 10:00	8.0	93	8	11.3	0.0	30.1	54
26/03/2024 10:10	7.1	84	9	10.0	0.0	30.8	51
26/03/2024 10:20	7.3	84	9	10.0	0.0	30.9	49
26/03/2024 10:30	7.9	85	8	10.3	0.0	31.0	48
26/03/2024 10:40	8.3	80	9	11.6	0.0	31.2	47
26/03/2024 10:50	8.9	79	7	11.7	0.0	30.8	50
26/03/2024 11:00	9.2	80	7	12.3	0.0	30.7	49
26/03/2024 11:10	8.6	81	8	11.6	0.0	31.3	44
26/03/2024 11:20	8.9	77	7	11.3	0.0	30.9	44
26/03/2024 11:30	8.4	82	6	11.1	0.0	31.2	44
26/03/2024 11:40	7.7	81	9	10.7	0.0	31.6	44
26/03/2024 11:50	8.1	82	7	11.2	0.0	31.5	42
26/03/2024 12:00	7.4	81	9	9.5	0.0	31.8	41
26/03/2024 12:10	7.3	69	9	9.2	0.0	31.7	41
26/03/2024 12:20	7.8	61	7	9.8	0.0	31.3	41
26/03/2024 12:30	8.0	61	7	10.6	0.0	31.2	42
26/03/2024 12:40	8.0	62	9	10.8	0.0	31.0	43
26/03/2024 12:50	7.5	62	10	10.3	0.0	31.2	42
26/03/2024 13:00	7.2	58	9	9.5	0.0	31.3	42
26/03/2024 13:10	6.8	58	10	9.2	0.0	31.5	42
26/03/2024 13:20	7.1	54	9	9.6	0.0	31.2	42
26/03/2024 13:30	7.5	56	7	10.0	0.0	31.1	42
26/03/2024 13:40	7.1	58	8	9.3	0.0	31.4	41
26/03/2024 13:50	6.7	54	6	9.3	0.0	31.4	40
26/03/2024 14:00	7.1	58	7	9.3	0.0	31.5	39
26/03/2024 14:10	6.0	59	10	8.0	0.0	32.0	38
26/03/2024 14:20	5.7	56	13	8.2	0.0	32.4	37
26/03/2024 14:30	5.4	34	11	9.1	0.0	32.3	41
26/03/2024 14:40	6.9	17	9	9.5	0.0	31.5	44
26/03/2024 14:50	6.8	3	12	8.8	0.0	31.5	44
26/03/2024 15:00	6.9	11	11	9.5	0.0	31.5	46
26/03/2024 15:10	7.1	185	11	9.2	0.0	31.2	47
26/03/2024 15:20	6.6	13	9	8.8	0.0	31.1	48
26/03/2024 15:30	7.0	12	8	8.7	0.0	30.8	48
26/03/2024 15:40	6.9	13	9	8.7	0.0	30.6	50
26/03/2024 15:50	6.3	8	12	8.4	0.0	30.7	51
26/03/2024 16:00	6.0	349	8	8.2	0.0	30.5	52
26/03/2024 16:10	6.0	357	9	7.6	0.0	30.5	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/03/2024 16:20	5.5	9	9	7.3	0.0	30.3	55
26/03/2024 16:30	5.7	186	8	7.2	0.0	30.2	56
26/03/2024 16:40	6.0	13	8	7.7	0.0	29.9	58
26/03/2024 16:50	5.4	359	9	7.1	0.0	29.8	58
26/03/2024 17:00	5.0	350	14	7.1	0.0	30.0	60
26/03/2024 17:10	5.0	180	13	7.4	0.0	29.7	59
26/03/2024 17:20	6.2	339	10	8.1	0.0	29.1	62
26/03/2024 17:30	5.5	346	9	7.5	0.0	29.1	62
26/03/2024 17:40	6.0	340	9	8.0	0.0	28.9	64
26/03/2024 17:50	5.7	340	10	7.4	0.0	28.6	65
26/03/2024 18:00	6.1	342	9	8.1	0.0	28.6	65
26/03/2024 18:10	5.7	336	10	7.8	0.0	28.5	64
26/03/2024 18:20	5.2	332	11	7.3	0.0	28.5	64
26/03/2024 18:30	5.2	330	11	7.2	0.0	28.7	62
26/03/2024 18:40	5.3	341	7	6.9	0.0	28.6	60
26/03/2024 18:50	4.7	335	10	6.6	0.0	28.7	60
26/03/2024 19:00	4.5	325	10	6.3	0.0	28.8	61
26/03/2024 19:10	4.9	315	12	6.6	0.0	28.6	63
26/03/2024 19:20	5.5	311	8	7.6	0.0	28.4	65
26/03/2024 19:30	4.7	308	11	6.5	0.0	28.3	65
26/03/2024 19:40	4.0	310	10	6.3	0.0	28.3	64
26/03/2024 19:50	4.7	305	9	6.5	0.0	28.3	63
26/03/2024 20:00	4.1	295	10	5.9	0.0	28.4	63
26/03/2024 20:10	3.9	294	9	5.0	0.0	28.3	64
26/03/2024 20:20	4.1	294	9	5.6	0.0	28.2	65
26/03/2024 20:30	3.9	293	7	5.3	0.0	28.2	65
26/03/2024 20:40	4.0	284	9	5.8	0.0	28.1	66
26/03/2024 20:50	4.5	281	7	6.0	0.0	28.2	65
26/03/2024 21:00	4.4	273	7	5.3	0.0	28.2	65
26/03/2024 21:10	4.3	274	8	5.2	0.0	28.1	67
26/03/2024 21:20	4.5	271	6	5.4	0.0	28.0	68
26/03/2024 21:30	4.6	272	6	5.7	0.0	28.0	69
26/03/2024 21:40	4.3	275	6	5.3	0.0	27.9	70
26/03/2024 21:50	4.0	272	8	5.1	0.0	27.9	70
26/03/2024 22:00	3.7	269	5	4.9	0.0	27.9	70
26/03/2024 22:10	4.3	270	6	5.5	0.0	27.9	69
26/03/2024 22:20	3.5	271	8	4.8	0.0	27.9	69
26/03/2024 22:30	3.0	262	7	4.0	0.0	27.9	70
26/03/2024 22:40	3.5	262	6	4.5	0.0	27.8	71
26/03/2024 22:50	3.6	263	4	4.4	0.0	27.8	70
26/03/2024 23:00	3.8	261	5	4.5	0.0	27.6	71
26/03/2024 23:10	3.8	257	5	4.6	0.0	27.5	71
26/03/2024 23:20	3.4	258	6	4.3	0.0	27.6	71
26/03/2024 23:30	3.7	255	9	5.2	0.0	27.6	71
26/03/2024 23:40	4.1	256	7	5.5	0.0	27.7	71
26/03/2024 23:50	4.1	255	7	5.3	0.0	27.6	73
27/03/2024 00:00	3.9	255	8	5.3	0.0	27.7	74
27/03/2024 00:10	4.4	255	7	5.9	0.0	27.8	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/03/2024 00:20	4.1	249	9	5.6	0.0	27.6	75
27/03/2024 00:30	4.0	249	9	5.3	0.0	27.4	76
27/03/2024 00:40	3.5	238	10	5.2	0.0	27.6	76
27/03/2024 00:50	3.5	247	13	5.3	0.0	27.4	76
27/03/2024 01:00	3.8	241	10	5.5	0.0	27.3	77
27/03/2024 01:10	3.6	246	10	5.2	0.0	27.2	78
27/03/2024 01:20	3.4	243	11	5.1	0.0	27.1	79
27/03/2024 01:30	3.7	249	9	5.2	0.0	27.0	79
27/03/2024 01:40	3.4	246	11	4.8	0.0	27.0	80
27/03/2024 01:50	3.7	245	10	5.2	0.0	27.0	80
27/03/2024 02:00	3.5	249	11	5.2	0.0	27.1	80
27/03/2024 02:10	2.7	211	19	4.6	0.0	27.1	80
27/03/2024 02:20	2.0	219	31	3.7	0.0	27.0	80
27/03/2024 02:30	2.8	248	14	4.1	0.0	27.1	80
27/03/2024 02:40	2.0	184	17	3.4	0.0	27.0	80
27/03/2024 02:50	1.8	213	25	3.0	0.0	26.9	79
27/03/2024 03:00	2.0	204	16	3.5	0.0	26.9	79
27/03/2024 03:10	2.1	194	14	3.5	0.0	26.7	80
27/03/2024 03:20	2.6	186	11	4.2	0.0	26.5	80
27/03/2024 03:30	2.5	188	14	4.7	0.0	26.4	80
27/03/2024 03:40	3.1	211	14	4.7	0.0	26.5	80
27/03/2024 03:50	2.0	240	27	3.6	0.0	26.7	79
27/03/2024 04:00	1.4	239	38	2.6	0.0	26.7	80
27/03/2024 04:10	1.8	239	35	4.1	0.0	26.6	80
27/03/2024 04:20	2.7	219	14	4.1	0.0	26.7	79
27/03/2024 04:30	2.5	205	16	4.2	0.0	26.6	79
27/03/2024 04:40	3.6	198	10	5.4	0.0	26.5	80
27/03/2024 04:50	4.1	199	10	5.9	0.0	26.5	80
27/03/2024 05:00	3.8	198	10	5.6	0.0	26.5	80
27/03/2024 05:10	4.1	194	9	6.1	0.0	26.4	80
27/03/2024 05:20	4.7	202	8	7.2	0.0	26.4	80
27/03/2024 05:30	4.2	203	9	6.2	0.0	26.4	80
27/03/2024 05:40	4.1	198	9	5.6	0.0	26.4	80
27/03/2024 05:50	3.5	193	9	5.2	0.0	26.2	81
27/03/2024 06:00	3.7	196	9	5.3	0.0	26.2	81
27/03/2024 06:10	4.1	199	9	5.8	0.0	26.3	80
27/03/2024 06:20	3.9	197	9	5.5	0.0	26.3	80
27/03/2024 06:30	3.8	195	9	5.5	0.0	26.2	80
27/03/2024 06:40	3.0	196	11	4.5	0.0	26.2	80
27/03/2024 06:50	3.3	192	9	4.8	0.0	26.2	80
27/03/2024 07:00	2.7	191	10	3.9	0.0	26.4	79
27/03/2024 07:10	3.1	190	11	4.8	0.0	26.6	78
27/03/2024 07:20	3.4	185	11	5.3	0.0	26.8	76
27/03/2024 07:30	3.3	187	9	4.9	0.0	27.1	75
27/03/2024 07:40	3.4	187	11	4.9	0.0	27.4	71
27/03/2024 07:50	3.4	179	12	4.7	0.0	27.7	68
27/03/2024 08:00	3.3	175	13	4.8	0.0	28.1	65
27/03/2024 08:10	2.7	159	19	4.5	0.0	28.6	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/03/2024 08:20	2.6	151	20	4.9	0.0	29.3	52
27/03/2024 08:30	3.0	147	15	5.2	0.0	29.6	49
27/03/2024 08:40	3.0	141	15	4.3	0.0	30.0	47
27/03/2024 08:50	2.9	152	18	5.1	0.0	30.2	46
27/03/2024 09:00	3.0	149	15	5.4	0.0	30.2	46
27/03/2024 09:10	3.3	145	17	6.1	0.0	30.5	45
27/03/2024 09:20	3.4	140	16	5.6	0.0	30.8	43
27/03/2024 09:30	3.8	131	16	5.9	0.0	31.4	41
27/03/2024 09:40	3.4	129	19	5.7	0.0	31.5	41
27/03/2024 09:50	3.1	125	20	5.0	0.0	31.7	40
27/03/2024 10:00	3.4	120	16	5.7	0.0	31.9	37
27/03/2024 10:10	3.5	132	16	5.4	0.0	32.0	37
27/03/2024 10:20	3.3	119	15	5.3	0.0	32.0	39
27/03/2024 10:30	3.4	109	14	5.1	0.0	32.1	37
27/03/2024 10:40	3.7	106	22	5.4	0.0	32.3	37
27/03/2024 10:50	4.5	88	14	6.0	0.0	32.5	34
27/03/2024 11:00	4.4	91	12	6.7	0.0	32.6	33
27/03/2024 11:10	5.0	68	8	6.7	0.0	32.4	33
27/03/2024 11:20	5.4	83	9	7.8	0.0	32.5	32
27/03/2024 11:30	5.7	78	13	7.9	0.0	32.8	31
27/03/2024 11:40	5.9	60	10	7.9	0.0	32.9	30
27/03/2024 11:50	5.4	62	9	7.2	0.0	33.1	30
27/03/2024 12:00	5.9	62	9	8.1	0.0	33.0	29
27/03/2024 12:10	5.7	59	9	7.8	0.0	33.3	29
27/03/2024 12:20	5.5	50	9	7.6	0.0	33.1	31
27/03/2024 12:30	5.7	51	9	8.3	0.0	33.1	30
27/03/2024 12:40	5.7	59	8	7.3	0.0	33.1	30
27/03/2024 12:50	5.0	63	12	6.9	0.0	33.2	30
27/03/2024 13:00	5.1	62	9	6.5	0.0	33.1	29
27/03/2024 13:10	5.2	60	14	7.3	0.0	33.4	28
27/03/2024 13:20	4.7	56	11	6.4	0.0	33.5	28
27/03/2024 13:30	5.3	61	11	7.3	0.0	33.5	27
27/03/2024 13:40	5.1	54	8	7.0	0.0	33.5	27
27/03/2024 13:50	5.3	59	11	6.9	0.0	33.8	27
27/03/2024 14:00	4.8	53	9	7.0	0.0	33.7	26
27/03/2024 14:10	4.8	53	12	6.7	0.0	33.6	25
27/03/2024 14:20	4.5	51	9	6.5	0.0	33.8	25
27/03/2024 14:30	3.9	57	13	5.2	0.0	34.0	25
27/03/2024 14:40	4.9	63	10	6.6	0.0	34.1	25
27/03/2024 14:50	4.1	46	19	6.0	0.0	34.0	26
27/03/2024 15:00	5.0	335	13	7.0	0.0	32.8	38
27/03/2024 15:10	5.4	338	13	7.1	0.0	32.6	38
27/03/2024 15:20	5.2	333	15	7.1	0.0	32.6	39
27/03/2024 15:30	5.1	340	11	7.2	0.0	32.8	37
27/03/2024 15:40	4.7	346	16	7.0	0.0	32.9	37
27/03/2024 15:50	4.5	6	15	6.4	0.0	32.8	36
27/03/2024 16:00	4.7	10	9	6.4	0.0	32.9	35
27/03/2024 16:10	5.2	172	12	7.2	0.0	32.4	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/03/2024 16:20	5.7	325	12	8.3	0.0	31.6	46
27/03/2024 16:30	5.8	335	9	7.9	0.0	31.2	47
27/03/2024 16:40	5.1	332	14	7.5	0.0	31.3	48
27/03/2024 16:50	5.2	329	14	7.8	0.0	31.7	42
27/03/2024 17:00	4.4	333	16	6.7	0.0	31.6	41
27/03/2024 17:10	4.9	334	10	7.0	0.0	31.7	41
27/03/2024 17:20	5.5	330	7	7.2	0.0	31.1	44
27/03/2024 17:30	4.9	334	10	6.8	0.0	30.7	48
27/03/2024 17:40	4.9	307	9	6.6	0.0	30.6	50
27/03/2024 17:50	4.4	322	12	6.3	0.0	30.6	49
27/03/2024 18:00	4.4	308	10	6.6	0.0	30.6	47
27/03/2024 18:10	4.1	287	10	6.2	0.0	30.5	49
27/03/2024 18:20	4.6	282	9	7.2	0.0	30.4	51
27/03/2024 18:30	5.1	283	8	6.4	0.0	30.1	53
27/03/2024 18:40	4.7	284	7	6.5	0.0	29.9	54
27/03/2024 18:50	4.7	281	6	6.4	0.0	29.8	53
27/03/2024 19:00	4.1	279	7	5.9	0.0	29.8	54
27/03/2024 19:10	4.6	269	6	5.5	0.0	29.8	54
27/03/2024 19:20	5.3	273	6	7.1	0.0	29.7	54
27/03/2024 19:30	5.2	270	5	6.4	0.0	29.6	55
27/03/2024 19:40	4.2	270	6	5.5	0.0	29.5	56
27/03/2024 19:50	4.9	271	5	5.9	0.0	29.5	55
27/03/2024 20:00	4.6	270	5	5.8	0.0	29.4	58
27/03/2024 20:10	5.0	269	6	6.4	0.0	29.3	60
27/03/2024 20:20	5.3	266	6	6.5	0.0	29.3	59
27/03/2024 20:30	4.6	271	5	6.1	0.0	29.3	59
27/03/2024 20:40	4.3	269	7	5.7	0.0	29.3	61
27/03/2024 20:50	3.9	271	7	5.0	0.0	29.2	61
27/03/2024 21:00	4.4	270	5	5.2	0.0	29.2	61
27/03/2024 21:10	4.4	275	5	5.1	0.0	29.1	61
27/03/2024 21:20	3.5	272	5	4.3	0.0	29.1	63
27/03/2024 21:30	3.3	272	5	4.2	0.0	28.9	64
27/03/2024 21:40	2.8	276	8	3.9	0.0	28.8	65
27/03/2024 21:50	3.5	271	5	4.4	0.0	28.8	65
27/03/2024 22:00	4.3	273	6	5.5	0.0	29.0	63
27/03/2024 22:10	3.5	262	6	4.4	0.0	28.8	64
27/03/2024 22:20	3.3	260	4	4.0	0.0	28.5	65
27/03/2024 22:30	3.4	257	5	4.2	0.0	28.4	65
27/03/2024 22:40	3.7	261	4	4.2	0.0	28.3	64
27/03/2024 22:50	3.7	257	4	4.4	0.0	28.2	65
27/03/2024 23:00	3.6	260	5	4.4	0.0	28.3	64
27/03/2024 23:10	3.5	261	5	4.4	0.0	28.2	64
27/03/2024 23:20	3.7	261	8	4.7	0.0	28.1	66
27/03/2024 23:30	3.8	263	6	5.0	0.0	27.9	68
27/03/2024 23:40	4.4	262	5	5.0	0.0	27.9	68
27/03/2024 23:50	4.4	262	6	5.7	0.0	27.8	68
28/03/2024 00:00	4.6	261	6	5.8	0.0	27.8	68
28/03/2024 00:10	4.1	255	7	5.3	0.0	27.7	68



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/03/2024 00:20	4.2	255	7	5.5	0.0	27.7	68
28/03/2024 00:30	4.0	252	8	5.7	0.0	27.7	67
28/03/2024 00:40	4.4	257	7	5.5	0.0	27.7	67
28/03/2024 00:50	3.8	264	8	4.9	0.0	27.5	68
28/03/2024 01:00	4.0	255	10	5.5	0.0	27.6	66
28/03/2024 01:10	4.2	254	9	5.4	0.0	27.8	65
28/03/2024 01:20	4.2	256	8	5.2	0.0	27.7	66
28/03/2024 01:30	4.0	257	6	5.2	0.0	27.6	67
28/03/2024 01:40	3.9	254	6	5.1	0.0	27.6	67
28/03/2024 01:50	3.9	253	8	5.1	0.0	27.5	67
28/03/2024 02:00	3.9	256	6	5.1	0.0	27.5	67
28/03/2024 02:10	4.3	260	7	5.5	0.0	27.5	67
28/03/2024 02:20	4.0	272	7	5.4	0.0	27.3	69
28/03/2024 02:30	4.0	267	8	5.3	0.0	27.1	70
28/03/2024 02:40	3.7	264	9	5.7	0.0	27.2	69
28/03/2024 02:50	3.9	254	10	5.3	0.0	27.3	68
28/03/2024 03:00	3.7	265	9	5.0	0.0	27.1	69
28/03/2024 03:10	3.9	265	7	5.0	0.0	27.0	69
28/03/2024 03:20	3.8	266	7	5.0	0.0	27.0	68
28/03/2024 03:30	4.2	271	6	5.2	0.0	27.0	69
28/03/2024 03:40	4.1	270	6	5.2	0.0	26.9	70
28/03/2024 03:50	4.3	272	6	5.7	0.0	26.9	71
28/03/2024 04:00	4.2	266	7	5.4	0.0	26.9	72
28/03/2024 04:10	4.8	265	6	5.9	0.0	26.9	72
28/03/2024 04:20	4.6	267	7	6.2	0.0	26.9	73
28/03/2024 04:30	4.6	265	7	5.8	0.0	26.9	74
28/03/2024 04:40	4.3	271	7	5.3	0.0	26.8	75
28/03/2024 04:50	3.9	271	6	5.0	0.0	26.6	77
28/03/2024 05:00	4.0	269	7	4.9	0.0	26.6	78
28/03/2024 05:10	3.8	267	7	4.8	0.0	26.6	79
28/03/2024 05:20	4.0	271	7	5.0	0.0	26.6	79
28/03/2024 05:30	3.9	277	8	5.3	0.0	26.6	79
28/03/2024 05:40	3.5	286	8	4.7	0.0	26.6	80
28/03/2024 05:50	3.7	291	6	4.8	0.0	26.6	80
28/03/2024 06:00	3.6	290	6	4.5	0.0	26.6	80
28/03/2024 06:10	3.0	295	8	3.9	0.0	26.6	80
28/03/2024 06:20	1.2	266	33	2.2	0.0	26.6	80
28/03/2024 06:30	1.4	276	24	2.5	0.0	26.6	81
28/03/2024 06:40	1.6	278	18	2.4	0.0	26.6	80
28/03/2024 06:50	1.4	268	18	2.3	0.0	26.7	79
28/03/2024 07:00	1.1	248	31	1.9	0.0	26.8	79
28/03/2024 07:10	2.0	231	32	3.9	0.0	27.0	78
28/03/2024 07:20	2.7	196	13	4.5	0.0	27.1	77
28/03/2024 07:30	2.5	190	13	3.8	0.0	27.1	76
28/03/2024 07:40	3.2	192	12	4.9	0.0	27.4	75
28/03/2024 07:50	2.8	187	16	4.6	0.0	28.0	71
28/03/2024 08:00	2.8	178	15	5.1	0.0	28.5	67
28/03/2024 08:10	4.2	176	10	6.0	0.0	28.5	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/03/2024 08:20	3.9	185	11	6.5	0.0	28.8	64
28/03/2024 08:30	4.0	182	13	5.4	0.0	29.1	61
28/03/2024 08:40	3.6	176	13	5.2	0.0	29.7	55
28/03/2024 08:50	3.0	161	22	4.7	0.0	30.4	49
28/03/2024 09:00	3.1	137	17	4.8	0.0	31.1	44
28/03/2024 09:10	2.9	144	17	4.8	0.0	31.2	42
28/03/2024 09:20	3.2	121	18	5.0	0.0	31.6	42
28/03/2024 09:30	2.9	131	21	5.2	0.0	32.2	37
28/03/2024 09:40	3.2	133	14	4.8	0.0	32.2	35
28/03/2024 09:50	2.8	129	16	4.1	0.0	32.4	34
28/03/2024 10:00	2.9	110	16	4.9	0.0	32.5	34
28/03/2024 10:10	3.2	108	14	5.1	0.0	32.9	35
28/03/2024 10:20	3.0	118	17	4.7	0.0	32.8	34
28/03/2024 10:30	3.1	121	14	5.1	0.0	32.7	33
28/03/2024 10:40	3.5	109	17	5.4	0.0	33.1	32
28/03/2024 10:50	4.7	75	7	6.2	0.0	33.0	28
28/03/2024 11:00	4.6	87	7	6.1	0.0	33.3	28
28/03/2024 11:10	4.5	69	11	6.2	0.0	33.8	28
28/03/2024 11:20	4.4	55	10	6.2	0.0	33.8	29
28/03/2024 11:30	4.3	61	10	5.9	0.0	33.7	28
28/03/2024 11:40	4.2	48	12	5.8	0.0	33.9	28
28/03/2024 11:50	4.3	56	11	5.8	0.0	34.0	28
28/03/2024 12:00	4.5	67	12	6.2	0.0	34.4	26
28/03/2024 12:10	5.3	70	10	6.6	0.0	34.3	25
28/03/2024 12:20	5.1	65	9	6.7	0.0	34.4	25
28/03/2024 12:30	5.6	70	7	6.9	0.0	34.4	25
28/03/2024 12:40	5.6	61	10	7.0	0.0	34.4	25
28/03/2024 12:50	5.2	58	11	6.8	0.0	34.8	24
28/03/2024 13:00	5.0	54	9	6.9	0.0	35.0	24
28/03/2024 13:10	5.1	53	9	7.3	0.0	34.8	24
28/03/2024 13:20	4.5	55	15	6.7	0.0	35.1	24
28/03/2024 13:30	4.0	33	21	6.7	0.0	35.0	26
28/03/2024 13:40	5.7	352	13	8.4	0.0	34.9	27
28/03/2024 13:50	6.1	343	11	7.7	0.0	34.4	28
28/03/2024 14:00	5.7	329	10	7.7	0.0	34.2	31
28/03/2024 14:10	5.2	325	11	6.9	0.0	33.8	32
28/03/2024 14:20	5.3	323	10	7.8	0.0	33.4	37
28/03/2024 14:30	5.5	177	18	7.6	0.0	34.2	31
28/03/2024 14:40	5.8	11	11	7.5	0.0	34.2	30
28/03/2024 14:50	6.2	10	11	8.1	0.0	34.1	31
28/03/2024 15:00	5.5	341	11	7.3	0.0	34.0	33
28/03/2024 15:10	6.2	334	11	8.8	0.0	33.2	34
28/03/2024 15:20	6.2	332	11	8.3	0.0	32.9	36
28/03/2024 15:30	5.7	340	10	7.9	0.0	33.3	34
28/03/2024 15:40	5.9	332	11	8.1	0.0	33.3	36
28/03/2024 15:50	5.8	332	9	7.7	0.0	33.1	36
28/03/2024 16:00	5.3	334	11	7.4	0.0	33.0	38
28/03/2024 16:10	6.6	333	7	7.9	0.0	32.6	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/03/2024 16:20	6.0	344	8	8.0	0.0	32.8	35
28/03/2024 16:30	5.5	328	9	7.4	0.0	32.6	39
28/03/2024 16:40	5.2	329	10	6.8	0.0	32.4	40
28/03/2024 16:50	5.9	328	10	7.9	0.0	32.4	39
28/03/2024 17:00	5.5	325	8	7.9	0.0	32.1	42
28/03/2024 17:10	5.6	325	8	7.2	0.0	31.9	42
28/03/2024 17:20	5.1	323	9	6.9	0.0	32.0	42
28/03/2024 17:30	4.8	322	10	7.3	0.0	31.7	45
28/03/2024 17:40	5.7	328	7	7.3	0.0	31.6	45
28/03/2024 17:50	4.3	318	10	6.3	0.0	31.6	43
28/03/2024 18:00	4.6	321	9	6.5	0.0	31.6	46
28/03/2024 18:10	4.1	314	13	5.8	0.0	31.1	52
28/03/2024 18:20	4.3	299	10	6.4	0.0	30.9	51
28/03/2024 18:30	4.8	293	8	7.6	0.0	30.9	50
28/03/2024 18:40	4.5	302	9	6.5	0.0	30.8	51
28/03/2024 18:50	4.1	303	9	6.1	0.0	30.6	53
28/03/2024 19:00	4.0	303	12	5.9	0.0	30.5	54
28/03/2024 19:10	3.9	298	11	6.4	0.0	30.4	54
28/03/2024 19:20	4.3	290	10	6.2	0.0	30.2	55
28/03/2024 19:30	4.9	277	7	6.6	0.0	30.1	57
28/03/2024 19:40	4.3	282	9	5.8	0.0	30.0	57
28/03/2024 19:50	4.7	274	6	6.7	0.0	30.0	56
28/03/2024 20:00	4.2	268	7	5.7	0.0	30.0	57
28/03/2024 20:10	4.0	265	5	5.1	0.0	29.9	59
28/03/2024 20:20	4.0	267	4	5.2	0.0	29.7	59
28/03/2024 20:30	3.1	274	8	4.3	0.0	29.6	61
28/03/2024 20:40	2.9	275	8	4.0	0.0	29.5	61
28/03/2024 20:50	4.0	261	5	4.9	0.0	29.5	60
28/03/2024 21:00	4.1	265	5	5.3	0.0	29.5	62
28/03/2024 21:10	3.8	265	5	4.7	0.0	29.4	63
28/03/2024 21:20	3.5	270	6	4.4	0.0	29.3	63
28/03/2024 21:30	3.7	275	4	5.2	0.0	29.2	62
28/03/2024 21:40	4.0	271	5	5.1	0.0	29.2	63
28/03/2024 21:50	4.1	272	5	5.4	0.0	29.1	66
28/03/2024 22:00	4.6	269	6	5.8	0.0	29.0	69
28/03/2024 22:10	4.6	271	6	5.8	0.0	29.0	68
28/03/2024 22:20	4.5	273	6	5.5	0.0	29.0	68
28/03/2024 22:30	4.4	273	5	5.5	0.0	28.9	68
28/03/2024 22:40	4.0	271	5	5.2	0.0	28.8	71
28/03/2024 22:50	4.3	271	5	5.4	0.0	28.8	73
28/03/2024 23:00	4.2	273	5	5.4	0.0	28.7	75
28/03/2024 23:10	4.2	271	6	5.3	0.0	28.6	76
28/03/2024 23:20	4.6	267	6	6.2	0.0	28.7	76
28/03/2024 23:30	5.1	265	6	6.5	0.0	28.7	75
28/03/2024 23:40	4.4	265	5	5.6	0.0	28.7	75
28/03/2024 23:50	4.6	267	6	6.1	0.0	28.7	74
29/03/2024 00:00	4.3	273	5	5.6	0.0	28.7	71
29/03/2024 00:10	4.2	270	4	5.2	0.0	28.6	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/03/2024 00:20	4.0	271	5	5.1	0.0	28.5	74
29/03/2024 00:30	4.3	268	6	5.1	0.0	28.5	76
29/03/2024 00:40	4.9	266	5	6.2	0.0	28.4	80
29/03/2024 00:50	4.2	266	5	5.6	0.0	28.4	79
29/03/2024 01:00	4.4	268	6	5.8	0.0	28.3	78
29/03/2024 01:10	4.2	266	5	5.1	0.0	28.2	78
29/03/2024 01:20	4.6	268	6	5.7	0.0	28.3	77
29/03/2024 01:30	5.2	270	6	7.0	0.0	28.4	74
29/03/2024 01:40	5.3	268	6	6.8	0.0	28.5	73
29/03/2024 01:50	5.0	268	6	6.6	0.0	28.5	74
29/03/2024 02:00	4.3	268	5	5.4	0.0	28.3	75
29/03/2024 02:10	4.6	269	6	6.1	0.0	28.3	77
29/03/2024 02:20	4.5	261	5	5.5	0.0	28.2	78
29/03/2024 02:30	3.9	265	5	4.9	0.0	28.0	80
29/03/2024 02:40	4.2	267	5	5.2	0.0	27.9	81
29/03/2024 02:50	4.3	266	5	5.6	0.0	28.0	80
29/03/2024 03:00	5.2	270	6	6.4	0.0	28.0	79
29/03/2024 03:10	4.8	264	6	5.9	0.0	28.1	77
29/03/2024 03:20	4.9	266	7	6.4	0.0	28.1	76
29/03/2024 03:30	5.4	266	5	7.0	0.0	28.2	75
29/03/2024 03:40	4.6	262	5	5.9	0.0	28.1	76
29/03/2024 03:50	4.3	261	5	5.0	0.0	27.8	80
29/03/2024 04:00	4.1	260	5	5.0	0.0	27.7	82
29/03/2024 04:10	3.9	260	6	5.0	0.0	27.7	82
29/03/2024 04:20	4.4	258	6	5.3	0.0	27.6	81
29/03/2024 04:30	4.0	252	8	5.0	0.0	27.5	81
29/03/2024 04:40	2.8	246	13	4.1	0.0	27.8	81
29/03/2024 04:50	3.3	261	10	4.7	0.0	27.3	83
29/03/2024 05:00	3.3	268	6	4.3	0.0	27.0	84
29/03/2024 05:10	2.7	268	8	3.7	0.0	26.9	85
29/03/2024 05:20	2.9	273	5	4.1	0.0	26.7	87
29/03/2024 05:30	3.0	271	5	3.6	0.0	26.7	87
29/03/2024 05:40	2.9	277	5	3.7	0.0	26.6	88
29/03/2024 05:50	3.1	274	5	3.8	0.0	26.6	88
29/03/2024 06:00	3.0	273	3	3.5	0.0	26.5	88
29/03/2024 06:10	3.2	270	3	3.7	0.0	26.5	88
29/03/2024 06:20	3.1	268	5	3.9	0.0	26.4	88
29/03/2024 06:30	3.4	272	4	4.0	0.0	26.4	87
29/03/2024 06:40	3.2	270	4	3.8	0.0	26.5	87
29/03/2024 06:50	3.3	265	5	4.3	0.0	26.7	86
29/03/2024 07:00	3.3	266	7	4.7	0.0	26.9	85
29/03/2024 07:10	3.2	253	10	4.5	0.0	27.2	83
29/03/2024 07:20	2.9	252	11	3.8	0.0	27.6	81
29/03/2024 07:30	3.4	250	10	4.7	0.0	27.9	79
29/03/2024 07:40	3.2	246	10	4.5	0.0	28.3	78
29/03/2024 07:50	3.9	248	11	5.7	0.0	28.5	77
29/03/2024 08:00	3.8	242	13	5.3	0.0	28.6	75
29/03/2024 08:10	4.1	256	8	5.2	0.0	28.8	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/03/2024 08:20	3.8	249	12	5.2	0.0	29.3	70
29/03/2024 08:30	3.0	232	18	4.5	0.0	29.8	65
29/03/2024 08:40	2.2	206	12	3.4	0.0	30.5	56
29/03/2024 08:50	1.7	205	16	2.6	0.0	31.0	51
29/03/2024 09:00	2.3	138	25	3.4	0.0	31.5	46
29/03/2024 09:10	2.4	164	31	3.7	0.0	31.7	47
29/03/2024 09:20	2.3	149	29	4.4	0.0	31.4	51
29/03/2024 09:30	2.4	136	25	4.3	0.0	31.8	49
29/03/2024 09:40	3.0	147	19	4.5	0.0	31.9	48
29/03/2024 09:50	3.0	126	12	4.8	0.0	32.2	46
29/03/2024 10:00	3.2	124	13	4.7	0.0	32.4	43
29/03/2024 10:10	3.0	126	15	4.2	0.0	32.6	42
29/03/2024 10:20	2.6	119	16	4.0	0.0	32.9	41
29/03/2024 10:30	3.0	104	14	5.0	0.0	33.9	36
29/03/2024 10:40	3.2	102	16	4.7	0.0	34.3	33
29/03/2024 10:50	3.3	92	19	4.9	0.0	34.3	33
29/03/2024 11:00	3.5	96	16	5.1	0.0	34.9	30
29/03/2024 11:10	4.4	92	13	6.0	0.0	35.5	28
29/03/2024 11:20	4.6	84	11	6.3	0.0	35.3	28
29/03/2024 11:30	5.1	83	10	7.1	0.0	35.1	29
29/03/2024 11:40	5.2	79	9	7.2	0.0	35.1	30
29/03/2024 11:50	5.2	77	10	7.2	0.0	35.4	31
29/03/2024 12:00	5.5	74	9	7.5	0.0	35.1	32
29/03/2024 12:10	5.8	76	13	8.0	0.0	35.2	31
29/03/2024 12:20	5.4	64	12	7.4	0.0	35.4	32
29/03/2024 12:30	6.0	62	8	8.4	0.0	35.2	31
29/03/2024 12:40	5.4	58	12	7.5	0.0	35.6	31
29/03/2024 12:50	6.0	54	7	7.8	0.0	35.5	30
29/03/2024 13:00	5.7	56	9	7.9	0.0	35.5	29
29/03/2024 13:10	6.5	64	7	8.4	0.0	35.6	28
29/03/2024 13:20	5.1	56	9	7.5	0.0	35.9	28
29/03/2024 13:30	6.1	67	10	7.6	0.0	36.1	27
29/03/2024 13:40	5.9	60	10	8.0	0.0	35.9	27
29/03/2024 13:50	6.4	64	9	8.2	0.0	36.0	28
29/03/2024 14:00	6.2	64	8	7.9	0.0	35.7	29
29/03/2024 14:10	5.8	63	8	8.2	0.0	36.0	28
29/03/2024 14:20	6.3	65	8	8.7	0.0	35.9	28
29/03/2024 14:30	6.4	59	7	8.0	0.0	35.9	27
29/03/2024 14:40	6.9	61	8	9.2	0.0	36.0	26
29/03/2024 14:50	6.6	60	9	8.2	0.0	36.0	26
29/03/2024 15:00	6.3	55	8	8.6	0.0	36.2	26
29/03/2024 15:10	6.7	59	7	8.8	0.0	36.0	26
29/03/2024 15:20	6.2	61	8	8.8	0.0	36.2	26
29/03/2024 15:30	5.7	62	8	7.4	0.0	36.5	25
29/03/2024 15:40	5.2	59	10	6.8	0.0	36.5	25
29/03/2024 15:50	5.4	34	12	7.5	0.0	36.0	28
29/03/2024 16:00	5.1	21	11	7.1	0.0	36.0	30
29/03/2024 16:10	5.1	14	11	7.2	0.0	35.8	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/03/2024 16:20	5.1	8	11	7.2	0.0	35.7	30
29/03/2024 16:30	5.3	14	9	7.2	0.0	35.2	34
29/03/2024 16:40	4.9	169	10	6.6	0.0	34.6	39
29/03/2024 16:50	5.4	337	7	6.9	0.0	33.7	41
29/03/2024 17:00	5.1	330	9	6.9	0.0	33.7	42
29/03/2024 17:10	5.4	328	8	7.1	0.0	33.5	41
29/03/2024 17:20	5.4	332	7	6.7	0.0	32.8	47
29/03/2024 17:30	4.9	350	8	6.9	0.0	32.6	46
29/03/2024 17:40	4.8	351	9	6.4	0.0	32.9	43
29/03/2024 17:50	5.5	339	7	7.4	0.0	32.7	44
29/03/2024 18:00	5.2	331	8	7.5	0.0	32.1	50
29/03/2024 18:10	5.0	349	9	6.2	0.0	31.8	50
29/03/2024 18:20	5.4	331	7	7.2	0.0	31.7	51
29/03/2024 18:30	5.6	347	8	6.8	0.0	31.6	51
29/03/2024 18:40	5.3	346	6	6.7	0.0	31.4	52
29/03/2024 18:50	4.7	342	9	6.0	0.0	31.3	54
29/03/2024 19:00	4.7	331	7	5.9	0.0	31.1	58
29/03/2024 19:10	4.4	320	11	5.9	0.0	31.0	57
29/03/2024 19:20	5.1	308	7	7.2	0.0	31.0	57
29/03/2024 19:30	4.2	304	9	6.6	0.0	31.0	55
29/03/2024 19:40	4.2	292	10	6.0	0.0	31.1	55
29/03/2024 19:50	3.6	281	8	4.7	0.0	30.6	62
29/03/2024 20:00	3.2	286	9	4.2	0.0	30.6	59
29/03/2024 20:10	3.4	286	9	4.9	0.0	30.6	60
29/03/2024 20:20	3.4	284	10	4.8	0.0	30.6	60
29/03/2024 20:30	4.0	273	4	5.1	0.0	30.3	65
29/03/2024 20:40	3.1	274	6	3.9	0.0	30.0	67
29/03/2024 20:50	3.4	274	6	4.5	0.0	30.0	65
29/03/2024 21:00	2.5	281	7	3.5	0.0	29.9	67
29/03/2024 21:10	2.0	290	8	2.6	0.0	29.6	69
29/03/2024 21:20	2.9	296	8	3.7	0.0	29.6	70
29/03/2024 21:30	2.9	282	8	3.9	0.0	29.6	71
29/03/2024 21:40	2.8	292	11	4.1	0.0	29.4	71
29/03/2024 21:50	2.5	286	8	3.8	0.0	29.4	70
29/03/2024 22:00	2.5	299	10	3.6	0.0	29.3	71
29/03/2024 22:10	2.4	297	11	3.3	0.0	29.2	72
29/03/2024 22:20	2.8	274	8	4.1	0.0	29.3	75
29/03/2024 22:30	3.1	275	8	4.6	0.0	29.1	77
29/03/2024 22:40	1.9	297	16	3.0	0.0	28.9	78
29/03/2024 22:50	4.2	263	6	5.6	0.0	28.9	79
29/03/2024 23:00	4.0	265	4	5.0	0.0	28.8	80
29/03/2024 23:10	3.5	265	6	4.6	0.0	28.8	78
29/03/2024 23:20	4.2	258	6	5.3	0.0	28.9	78
29/03/2024 23:30	4.4	255	8	5.6	0.0	28.9	78
29/03/2024 23:40	3.3	264	7	4.4	0.0	28.8	78
29/03/2024 23:50	3.7	261	7	4.7	0.0	28.6	79
30/03/2024 00:00	3.8	259	6	4.8	0.0	28.4	79
30/03/2024 00:10	3.7	263	6	4.7	0.0	28.4	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/03/2024 00:20	2.8	269	7	3.8	0.0	28.3	77
30/03/2024 00:30	2.8	272	6	3.6	0.0	28.1	78
30/03/2024 00:40	2.6	265	7	3.8	0.0	28.1	77
30/03/2024 00:50	3.0	270	6	3.8	0.0	28.2	76
30/03/2024 01:00	3.0	274	5	3.7	0.0	28.0	76
30/03/2024 01:10	2.6	271	5	3.3	0.0	28.0	75
30/03/2024 01:20	2.7	270	3	3.3	0.0	27.9	76
30/03/2024 01:30	2.9	266	7	3.8	0.0	27.8	77
30/03/2024 01:40	2.8	263	7	3.8	0.0	27.9	76
30/03/2024 01:50	2.3	271	6	3.2	0.0	27.7	77
30/03/2024 02:00	2.5	268	7	3.3	0.0	27.7	77
30/03/2024 02:10	2.4	264	6	3.3	0.0	27.8	76
30/03/2024 02:20	2.7	271	5	3.3	0.0	27.9	74
30/03/2024 02:30	3.0	271	6	3.7	0.0	27.9	73
30/03/2024 02:40	3.0	272	10	4.4	0.0	27.9	71
30/03/2024 02:50	2.6	253	18	4.3	0.0	28.2	69
30/03/2024 03:00	3.1	264	14	4.4	0.0	28.1	69
30/03/2024 03:10	2.7	258	11	4.2	0.0	28.2	67
30/03/2024 03:20	1.4	217	19	2.4	0.0	28.4	65
30/03/2024 03:30	1.7	189	12	2.4	0.0	27.9	68
30/03/2024 03:40	1.2	150	27	2.4	0.0	28.2	63
30/03/2024 03:50	0.9	45	32	1.4	0.0	28.2	63
30/03/2024 04:00	0.6	46	22	1.1	0.0	28.3	61
30/03/2024 04:10	1.1	120	14	1.9	0.0	28.6	58
30/03/2024 04:20	0.9	170	16	1.4	0.0	28.9	57
30/03/2024 04:30	1.3	172	15	2.0	0.0	28.9	57
30/03/2024 04:40	0.9	13	50	1.3	0.0	28.0	65
30/03/2024 04:50	1.5	319	7	1.9	0.0	28.0	63
30/03/2024 05:00	0.6	203	52	1.2	0.0	27.9	62
30/03/2024 05:10	0.8	83	19	1.2	0.0	27.0	69
30/03/2024 05:20	1.1	36	6	1.4	0.0	26.4	69
30/03/2024 05:30	0.6	46	41	0.9	0.0	26.8	66
30/03/2024 05:40	0.3	121	58	0.6	0.0	26.8	67
30/03/2024 05:50	0.6	116	35	1.1	0.0	26.0	73
30/03/2024 06:00	2.1	111	13	3.0	0.0	26.5	67
30/03/2024 06:10	1.7	120	15	2.5	0.0	27.7	60
30/03/2024 06:20	1.9	105	17	2.8	0.0	27.5	62
30/03/2024 06:30	2.5	115	11	3.4	0.0	27.7	60
30/03/2024 06:40	2.7	112	13	4.2	0.0	28.1	58
30/03/2024 06:50	3.0	104	16	4.4	0.0	27.8	62
30/03/2024 07:00	2.1	93	15	3.2	0.0	27.5	65
30/03/2024 07:10	2.9	110	10	3.9	0.0	28.2	61
30/03/2024 07:20	2.8	111	12	5.1	0.0	29.0	57
30/03/2024 07:30	3.2	104	13	4.8	0.0	29.5	53
30/03/2024 07:40	3.8	98	12	5.9	0.0	30.3	44
30/03/2024 07:50	3.9	100	13	6.1	0.0	30.6	42
30/03/2024 08:00	4.4	101	14	6.4	0.0	30.6	38
30/03/2024 08:10	4.6	109	11	6.6	0.0	30.4	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/03/2024 08:20	4.7	111	10	6.1	0.0	30.2	40
30/03/2024 08:30	3.8	112	9	4.9	0.0	30.2	41
30/03/2024 08:40	3.1	107	12	4.9	0.0	30.7	40
30/03/2024 08:50	3.9	106	19	7.1	0.0	31.6	37
30/03/2024 09:00	6.1	96	10	8.8	0.0	32.2	35
30/03/2024 09:10	7.7	94	8	11.5	0.0	32.4	34
30/03/2024 09:20	6.9	99	12	10.3	0.0	32.3	35
30/03/2024 09:30	8.1	93	10	10.7	0.0	32.1	35
30/03/2024 09:40	7.6	89	8	11.9	0.0	32.2	36
30/03/2024 09:50	7.2	87	9	10.9	0.0	32.3	38
30/03/2024 10:00	7.4	91	7	10.3	0.0	32.4	37
30/03/2024 10:10	7.3	93	8	9.6	0.0	32.5	36
30/03/2024 10:20	6.6	92	8	8.7	0.0	32.7	34
30/03/2024 10:30	6.4	91	8	8.7	0.0	32.4	35
30/03/2024 10:40	5.6	88	9	7.5	0.0	32.6	33
30/03/2024 10:50	5.6	80	10	7.9	0.0	33.2	32
30/03/2024 11:00	6.5	74	6	8.3	0.0	32.7	30
30/03/2024 11:10	6.4	76	6	8.7	0.0	32.6	31
30/03/2024 11:20	6.0	76	7	7.8	0.0	32.9	31
30/03/2024 11:30	5.5	83	10	7.7	0.0	33.1	30
30/03/2024 11:40	5.5	84	8	7.6	0.0	33.7	28
30/03/2024 11:50	5.9	84	10	8.1	0.0	33.8	27
30/03/2024 12:00	5.6	74	9	7.8	0.0	33.9	28
30/03/2024 12:10	5.5	71	11	8.1	0.0	34.0	28
30/03/2024 12:20	5.4	62	10	7.5	0.0	34.3	28
30/03/2024 12:30	6.2	60	8	8.6	0.0	34.3	27
30/03/2024 12:40	5.9	62	10	8.4	0.0	34.2	28
30/03/2024 12:50	5.5	65	11	7.4	0.0	34.6	27
30/03/2024 13:00	5.3	60	10	7.0	0.0	34.5	28
30/03/2024 13:10	5.5	52	8	7.6	0.0	34.5	29
30/03/2024 13:20	5.2	52	9	7.2	0.0	34.6	28
30/03/2024 13:30	5.5	49	8	7.7	0.0	34.5	28
30/03/2024 13:40	5.2	56	9	7.1	0.0	34.8	27
30/03/2024 13:50	5.0	55	9	7.1	0.0	35.1	26
30/03/2024 14:00	4.9	58	8	6.9	0.0	35.3	25
30/03/2024 14:10	4.9	64	9	7.0	0.0	35.8	24
30/03/2024 14:20	5.3	65	7	6.8	0.0	35.9	23
30/03/2024 14:30	4.8	67	9	6.5	0.0	36.2	22
30/03/2024 14:40	5.3	65	9	7.0	0.0	36.2	22
30/03/2024 14:50	5.5	63	8	7.0	0.0	36.1	22
30/03/2024 15:00	5.2	61	10	6.8	0.0	36.3	22
30/03/2024 15:10	5.1	59	8	6.2	0.0	36.5	21
30/03/2024 15:20	4.3	62	10	5.8	0.0	36.9	20
30/03/2024 15:30	4.6	65	8	5.9	0.0	37.1	19
30/03/2024 15:40	4.7	68	8	5.9	0.0	36.9	20
30/03/2024 15:50	4.5	62	7	5.8	0.0	37.0	19
30/03/2024 16:00	3.4	57	8	4.8	0.0	37.1	16
30/03/2024 16:10	3.8	67	10	5.4	0.0	37.2	17



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/03/2024 16:20	4.4	63	7	5.5	0.0	37.1	18
30/03/2024 16:30	3.5	58	11	4.7	0.0	37.1	18
30/03/2024 16:40	3.1	45	12	4.1	0.0	37.0	19
30/03/2024 16:50	3.2	15	20	4.8	0.0	36.2	28
30/03/2024 17:00	3.7	353	9	4.7	0.0	35.7	29
30/03/2024 17:10	3.4	176	8	4.5	0.0	35.6	31
30/03/2024 17:20	2.7	338	11	3.7	0.0	35.3	31
30/03/2024 17:30	2.7	334	12	3.7	0.0	35.5	30
30/03/2024 17:40	3.5	324	4	4.3	0.0	34.5	34
30/03/2024 17:50	3.5	313	10	4.3	0.0	34.1	34
30/03/2024 18:00	3.3	298	8	4.5	0.0	33.6	37
30/03/2024 18:10	3.5	316	5	4.7	0.0	33.7	32
30/03/2024 18:20	3.2	312	9	4.3	0.0	33.7	33
30/03/2024 18:30	2.6	309	13	3.8	0.0	33.4	34
30/03/2024 18:40	2.1	315	11	3.3	0.0	33.0	39
30/03/2024 18:50	2.3	306	12	3.5	0.0	32.6	43
30/03/2024 19:00	1.8	304	16	2.8	0.0	32.4	46
30/03/2024 19:10	2.0	324	25	3.4	0.0	32.0	49
30/03/2024 19:20	1.8	271	25	2.9	0.0	31.9	48
30/03/2024 19:30	2.2	287	16	3.1	0.0	31.5	52
30/03/2024 19:40	1.5	318	37	2.7	0.0	31.2	53
30/03/2024 19:50	3.0	288	12	4.3	0.0	30.9	55
30/03/2024 20:00	2.1	304	18	3.7	0.0	30.7	59
30/03/2024 20:10	2.6	314	15	3.8	0.0	30.4	62
30/03/2024 20:20	2.5	300	16	3.4	0.0	30.4	63
30/03/2024 20:30	2.2	282	7	2.9	0.0	30.2	63
30/03/2024 20:40	1.6	301	18	2.3	0.0	30.3	61
30/03/2024 20:50	1.1	183	46	2.1	0.0	30.3	59
30/03/2024 21:00	1.8	258	17	2.5	0.0	30.3	58
30/03/2024 21:10	1.9	286	8	2.5	0.0	30.0	61
30/03/2024 21:20	1.6	266	6	2.1	0.0	29.8	63
30/03/2024 21:30	1.5	270	4	2.1	0.0	29.5	67
30/03/2024 21:40	1.2	288	6	1.7	0.0	29.4	67
30/03/2024 21:50	0.5	313	28	0.8	0.0	29.6	64
30/03/2024 22:00	1.2	74	12	1.7	0.0	29.0	65
30/03/2024 22:10	0.8	239	43	1.1	0.0	29.0	66
30/03/2024 22:20	0.9	306	18	1.5	0.0	29.2	69
30/03/2024 22:30	1.1	69	34	1.9	0.0	29.1	72
30/03/2024 22:40	0.7	271	22	1.4	0.0	29.3	70
30/03/2024 22:50	0.5	188	60	1.2	0.0	29.2	67
30/03/2024 23:00	0.5	138	61	1.0	0.0	29.1	64
30/03/2024 23:10	0.7	227	19	1.1	0.0	29.0	65
30/03/2024 23:20	0.8	216	20	1.1	0.0	29.1	62
30/03/2024 23:30	1.1	230	22	1.5	0.0	29.0	63
30/03/2024 23:40	1.5	256	5	1.8	0.0	28.4	71
30/03/2024 23:50	1.0	269	13	1.4	0.0	28.3	72
31/03/2024 00:00	0.7	306	9	1.1	0.0	28.6	67
31/03/2024 00:10	0.8	296	11	1.3	0.0	28.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/03/2024 00:20	0.8	320	24	1.1	0.0	29.0	56
31/03/2024 00:30	0.9	193	20	1.5	0.0	28.9	51
31/03/2024 00:40	1.6	347	13	2.2	0.0	29.0	56
31/03/2024 00:50	1.5	162	18	2.3	0.0	28.5	58
31/03/2024 01:00	1.3	307	13	2.4	0.0	28.8	57
31/03/2024 01:10	0.5	180	68	1.2	0.0	28.8	56
31/03/2024 01:20	0.5	234	44	1.0	0.0	28.5	59
31/03/2024 01:30	0.5	160	57	1.0	0.0	28.4	62
31/03/2024 01:40	1.4	265	12	2.1	0.0	28.7	65
31/03/2024 01:50	1.1	251	12	1.6	0.0	28.2	68
31/03/2024 02:00	1.1	270	9	1.5	0.0	28.1	67
31/03/2024 02:10	1.0	311	15	1.6	0.0	28.1	63
31/03/2024 02:20	0.9	262	25	1.4	0.0	28.1	63
31/03/2024 02:30	1.0	287	11	1.4	0.0	28.2	62
31/03/2024 02:40	1.7	285	9	2.4	0.0	28.1	61
31/03/2024 02:50	1.9	286	8	2.7	0.0	28.5	58
31/03/2024 03:00	2.2	277	6	3.0	0.0	28.6	60
31/03/2024 03:10	2.0	279	9	2.9	0.0	27.9	67
31/03/2024 03:20	2.3	265	8	3.0	0.0	27.4	69
31/03/2024 03:30	2.8	262	4	3.2	0.0	27.3	70
31/03/2024 03:40	2.6	265	3	3.0	0.0	27.1	73
31/03/2024 03:50	2.2	269	5	2.8	0.0	27.1	74
31/03/2024 04:00	2.1	273	4	2.7	0.0	27.0	74
31/03/2024 04:10	2.3	271	7	3.2	0.0	27.1	73
31/03/2024 04:20	1.8	283	9	2.6	0.0	27.3	73
31/03/2024 04:30	2.3	279	6	2.9	0.0	27.4	73
31/03/2024 04:40	2.8	292	5	3.6	0.0	27.6	74
31/03/2024 04:50	2.6	302	5	3.5	0.0	27.9	73
31/03/2024 05:00	1.9	299	7	2.5	0.0	28.0	74
31/03/2024 05:10	2.2	291	9	2.9	0.0	27.8	76
31/03/2024 05:20	2.1	292	8	2.9	0.0	27.7	79
31/03/2024 05:30	2.3	297	6	2.9	0.0	27.6	79
31/03/2024 05:40	1.9	313	6	2.5	0.0	27.7	76
31/03/2024 05:50	1.5	314	6	2.0	0.0	27.8	76
31/03/2024 06:00	1.0	325	11	1.4	0.0	27.6	77
31/03/2024 06:10	1.1	318	7	1.4	0.0	27.4	78
31/03/2024 06:20	1.8	296	9	2.2	0.0	27.4	76
31/03/2024 06:30	1.7	275	7	2.1	0.0	27.4	76
31/03/2024 06:40	1.7	268	9	2.0	0.0	27.2	78
31/03/2024 06:50	1.8	264	10	2.3	0.0	27.0	79
31/03/2024 07:00	1.5	250	13	2.1	0.0	27.4	78
31/03/2024 07:10	1.7	255	11	2.5	0.0	27.7	76
31/03/2024 07:20	1.3	241	18	2.1	0.0	28.1	74
31/03/2024 07:30	1.7	260	9	2.2	0.0	28.3	72
31/03/2024 07:40	2.1	255	12	2.7	0.0	28.6	70
31/03/2024 07:50	1.6	219	13	2.2	0.0	29.2	66
31/03/2024 08:00	1.5	184	16	2.3	0.0	29.5	64
31/03/2024 08:10	2.2	122	13	3.3	0.0	29.3	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/03/2024 08:20	2.9	114	10	3.9	0.0	29.0	72
31/03/2024 08:30	3.5	113	8	4.7	0.0	29.0	72
31/03/2024 08:40	3.4	113	9	4.9	0.0	29.2	71
31/03/2024 08:50	2.9	120	14	4.2	0.0	29.1	71
31/03/2024 09:00	2.6	112	13	3.8	0.0	29.7	69
31/03/2024 09:10	2.7	113	12	4.0	0.0	29.7	68
31/03/2024 09:20	2.3	114	15	3.3	0.0	30.2	65
31/03/2024 09:30	2.8	111	16	4.5	0.0	30.5	60
31/03/2024 09:40	3.8	106	12	5.1	0.0	30.8	60
31/03/2024 09:50	2.9	125	13	4.5	0.0	30.3	58
31/03/2024 10:00	2.6	125	14	4.3	0.0	31.0	52
31/03/2024 10:10	2.6	107	16	4.4	0.0	32.0	50
31/03/2024 10:20	4.0	81	8	5.3	0.0	31.9	50
31/03/2024 10:30	3.9	90	13	5.2	0.0	31.7	52
31/03/2024 10:40	3.8	75	10	5.2	0.0	32.0	52
31/03/2024 10:50	4.4	76	8	5.6	0.0	31.9	51
31/03/2024 11:00	4.1	85	8	5.4	0.0	32.5	47
31/03/2024 11:10	4.0	85	7	5.6	0.0	32.9	45
31/03/2024 11:20	4.4	87	8	6.0	0.0	33.3	45
31/03/2024 11:30	5.1	84	7	6.7	0.0	32.8	47
31/03/2024 11:40	4.9	73	10	6.5	0.0	33.2	46
31/03/2024 11:50	4.6	77	12	6.7	0.0	33.9	42
31/03/2024 12:00	5.1	62	11	6.6	0.0	33.6	42
31/03/2024 12:10	5.2	57	8	7.0	0.0	33.7	39
31/03/2024 12:20	5.6	63	9	8.0	0.0	33.5	44
31/03/2024 12:30	5.7	54	7	7.4	0.0	33.6	41
31/03/2024 12:40	5.7	60	8	7.5	0.0	33.9	39
31/03/2024 12:50	5.2	53	8	7.1	0.0	34.2	37
31/03/2024 13:00	5.1	57	8	6.6	0.0	34.6	34
31/03/2024 13:10	5.0	71	9	6.3	0.0	34.8	34
31/03/2024 13:20	5.4	71	8	6.9	0.0	34.8	35
31/03/2024 13:30	5.4	71	8	7.0	0.0	34.8	35
31/03/2024 13:40	5.5	63	8	7.2	0.0	34.6	38
31/03/2024 13:50	5.8	62	9	7.6	0.0	34.3	40
31/03/2024 14:00	6.2	57	6	7.9	0.0	33.8	40
31/03/2024 14:10	5.9	62	7	7.3	0.0	34.2	40
31/03/2024 14:20	5.7	61	9	7.0	0.0	34.2	40
31/03/2024 14:30	5.6	61	7	6.9	0.0	34.1	41
31/03/2024 14:40	5.6	59	7	7.0	0.0	34.0	41
31/03/2024 14:50	5.1	62	8	6.8	0.0	34.5	39
31/03/2024 15:00	5.2	61	7	6.7	0.0	34.5	36
31/03/2024 15:10	5.2	61	8	6.4	0.0	34.7	34
31/03/2024 15:20	4.9	54	9	6.4	0.0	35.0	33
31/03/2024 15:30	5.4	52	6	7.3	0.0	35.2	33
31/03/2024 15:40	5.3	60	7	6.8	0.0	35.3	32
31/03/2024 15:50	5.1	63	6	6.7	0.0	35.5	31
31/03/2024 16:00	4.7	69	7	6.0	0.0	35.8	31
31/03/2024 16:10	3.7	42	12	5.7	0.0	35.9	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/03/2024 16:20	3.7	19	16	5.3	0.0	35.9	35
31/03/2024 16:30	5.8	183	8	7.5	0.0	35.0	40
31/03/2024 16:40	5.3	354	9	6.6	0.0	34.7	40
31/03/2024 16:50	5.1	177	9	6.5	0.0	34.6	43
31/03/2024 17:00	5.3	178	10	7.3	0.0	33.7	50
31/03/2024 17:10	5.5	178	8	6.8	0.0	33.1	53
31/03/2024 17:20	5.9	357	7	7.5	0.0	32.5	57
31/03/2024 17:30	7.0	355	6	8.6	0.0	31.8	61
31/03/2024 17:40	6.5	353	6	8.2	0.0	31.2	64
31/03/2024 17:50	7.1	348	6	8.4	0.0	31.0	64
31/03/2024 18:00	6.9	352	5	8.2	0.0	30.9	63
31/03/2024 18:10	6.3	353	4	7.8	0.0	31.0	61
31/03/2024 18:20	5.4	348	7	7.2	0.0	30.9	64
31/03/2024 18:30	6.4	356	5	7.8	0.0	30.7	63
31/03/2024 18:40	6.3	355	5	7.6	0.0	30.6	66
31/03/2024 18:50	6.1	350	6	7.6	0.0	30.4	67
31/03/2024 19:00	6.1	353	6	7.4	0.0	30.3	68
31/03/2024 19:10	6.5	349	5	7.6	0.0	30.2	68
31/03/2024 19:20	5.9	344	7	7.4	0.0	30.3	67
31/03/2024 19:30	5.5	341	7	7.2	0.0	30.2	68
31/03/2024 19:40	5.6	339	8	7.5	0.0	30.1	69
31/03/2024 19:50	5.2	335	8	7.7	0.0	30.1	70
31/03/2024 20:00	5.8	335	7	7.3	0.0	30.1	68
31/03/2024 20:10	6.0	332	7	8.1	0.0	30.2	67
31/03/2024 20:20	5.8	327	5	8.2	0.0	30.1	69
31/03/2024 20:30	5.2	327	6	7.1	0.0	30.0	70
31/03/2024 20:40	4.1	333	9	6.1	0.0	30.0	70
31/03/2024 20:50	3.6	330	10	5.4	0.0	30.0	70
31/03/2024 21:00	1.9	316	40	3.6	0.0	29.8	72
31/03/2024 21:10	2.0	246	16	3.1	0.0	29.9	70
31/03/2024 21:20	2.0	278	20	3.4	0.0	29.9	68
31/03/2024 21:30	1.2	297	33	2.7	0.0	29.8	70
31/03/2024 21:40	1.2	235	36	2.5	0.0	29.8	70
31/03/2024 21:50	3.3	240	17	4.5	0.0	29.6	75
31/03/2024 22:00	2.9	269	8	3.7	0.0	29.4	76
31/03/2024 22:10	2.6	260	8	3.6	0.0	29.3	75
31/03/2024 22:20	2.6	266	9	3.7	0.0	29.3	75
31/03/2024 22:30	3.7	270	5	4.4	0.0	29.2	76
31/03/2024 22:40	3.7	265	5	4.5	0.0	29.1	77
31/03/2024 22:50	3.1	275	6	3.8	0.0	29.1	79
31/03/2024 23:00	4.8	256	5	6.4	0.0	29.0	80
31/03/2024 23:10	3.8	262	8	5.4	0.0	28.8	80
31/03/2024 23:20	3.4	260	13	5.3	0.0	28.8	79
31/03/2024 23:30	2.8	264	8	4.3	0.0	28.8	77
31/03/2024 23:40	3.2	267	7	4.2	0.0	28.7	78
31/03/2024 23:50	3.7	256	10	5.3	0.0	28.9	78
01/04/2024 00:00	3.8	249	11	5.6	0.0	29.1	78
01/04/2024 00:10	3.6	257	8	4.8	0.0	28.9	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/04/2024 00:20	3.5	263	6	4.9	0.0	28.7	77
01/04/2024 00:30	3.4	272	5	4.3	0.0	28.6	77
01/04/2024 00:40	3.5	272	5	4.3	0.0	28.5	75
01/04/2024 00:50	3.3	268	4	4.1	0.0	28.7	72
01/04/2024 01:00	2.6	265	6	3.2	0.0	28.5	72
01/04/2024 01:10	2.3	268	15	3.6	0.0	28.5	72
01/04/2024 01:20	2.3	282	16	3.6	0.0	28.7	68
01/04/2024 01:30	2.9	266	15	4.9	0.0	28.8	67
01/04/2024 01:40	2.5	274	11	3.6	0.0	28.7	67
01/04/2024 01:50	2.2	270	13	3.1	0.0	28.7	67
01/04/2024 02:00	2.7	261	12	3.8	0.0	28.9	67
01/04/2024 02:10	2.3	269	15	3.3	0.0	28.7	68
01/04/2024 02:20	2.8	268	11	4.1	0.0	28.7	68
01/04/2024 02:30	2.4	270	10	3.3	0.0	28.5	68
01/04/2024 02:40	2.8	268	10	3.9	0.0	28.5	69
01/04/2024 02:50	3.0	266	9	3.9	0.0	28.3	70
01/04/2024 03:00	2.3	273	9	3.3	0.0	28.3	69
01/04/2024 03:10	2.1	281	8	2.8	0.0	28.4	68
01/04/2024 03:20	2.4	281	8	3.1	0.0	28.4	67
01/04/2024 03:30	2.7	263	7	3.5	0.0	28.4	67
01/04/2024 03:40	1.8	278	17	2.5	0.0	28.4	67
01/04/2024 03:50	1.2	52	35	2.2	0.0	27.8	69
01/04/2024 04:00	0.6	181	49	1.0	0.0	27.9	67
01/04/2024 04:10	0.4	254	40	0.8	0.0	28.3	65
01/04/2024 04:20	0.5	185	35	0.9	0.0	28.1	67
01/04/2024 04:30	0.6	303	14	0.9	0.0	28.3	64
01/04/2024 04:40	0.7	230	16	1.0	0.0	28.4	64
01/04/2024 04:50	0.5	285	15	0.9	0.0	28.2	64
01/04/2024 05:00	0.7	267	27	1.1	0.0	28.4	62
01/04/2024 05:10	1.1	295	14	1.6	0.0	28.6	62
01/04/2024 05:20	1.0	279	22	2.0	0.0	28.4	64
01/04/2024 05:30	0.6	248	83	1.2	0.0	28.0	66
01/04/2024 05:40	0.9	160	43	1.7	0.0	28.1	66
01/04/2024 05:50	0.6	176	73	0.9	0.0	27.5	69
01/04/2024 06:00	1.2	297	19	1.9	0.0	27.1	70
01/04/2024 06:10	1.0	256	31	2.2	0.0	27.9	66
01/04/2024 06:20	1.4	265	17	2.5	0.0	28.0	66
01/04/2024 06:30	1.2	234	23	1.9	0.0	28.1	66
01/04/2024 06:40	0.9	256	19	1.5	0.0	27.6	70
01/04/2024 06:50	1.7	270	19	2.5	0.0	28.0	68
01/04/2024 07:00	1.0	166	33	2.0	0.0	28.6	63
01/04/2024 07:10	0.9	43	27	1.3	0.0	28.4	66
01/04/2024 07:20	0.9	229	29	1.6	0.0	28.9	60
01/04/2024 07:30	1.6	143	15	2.1	0.0	30.0	52
01/04/2024 07:40	1.5	133	26	2.5	0.0	30.5	51
01/04/2024 07:50	2.1	139	16	3.5	0.0	30.4	52
01/04/2024 08:00	1.4	139	21	2.2	0.0	30.4	53
01/04/2024 08:10	1.8	130	17	2.7	0.0	31.1	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/04/2024 08:20	2.3	123	8	3.4	0.0	30.8	49
01/04/2024 08:30	2.5	121	11	3.7	0.0	30.8	48
01/04/2024 08:40	2.3	120	13	3.2	0.0	30.9	49
01/04/2024 08:50	2.2	118	15	3.3	0.0	31.1	49
01/04/2024 09:00	2.2	126	10	3.2	0.0	31.4	46
01/04/2024 09:10	2.3	124	11	3.9	0.0	31.9	43
01/04/2024 09:20	2.2	117	12	3.7	0.0	32.1	42
01/04/2024 09:30	2.5	113	12	3.9	0.0	32.4	41
01/04/2024 09:40	2.5	128	16	3.6	0.0	32.6	40
01/04/2024 09:50	2.3	121	21	4.1	0.0	33.1	39
01/04/2024 10:00	2.9	123	15	4.5	0.0	33.4	39
01/04/2024 10:10	3.2	120	13	5.1	0.0	33.4	37
01/04/2024 10:20	3.3	113	13	5.0	0.0	33.8	36
01/04/2024 10:30	3.6	99	20	5.7	0.0	34.2	34
01/04/2024 10:40	4.3	88	11	6.6	0.0	34.3	33
01/04/2024 10:50	5.0	90	10	6.6	0.0	34.3	33
01/04/2024 11:00	4.9	78	11	7.0	0.0	34.6	32
01/04/2024 11:10	5.9	77	9	8.1	0.0	34.4	30
01/04/2024 11:20	6.0	82	9	8.8	0.0	34.8	29
01/04/2024 11:30	5.6	74	10	8.0	0.0	34.9	28
01/04/2024 11:40	6.2	75	9	8.3	0.0	35.0	26
01/04/2024 11:50	5.9	80	10	7.8	0.0	35.6	24
01/04/2024 12:00	5.8	75	12	8.1	0.0	35.5	25
01/04/2024 12:10	6.0	73	12	8.5	0.0	35.5	25
01/04/2024 12:20	6.0	61	10	8.3	0.0	35.7	25
01/04/2024 12:30	6.3	64	9	8.5	0.0	35.3	25
01/04/2024 12:40	5.9	66	10	8.6	0.0	35.5	25
01/04/2024 12:50	6.0	50	8	8.0	0.0	35.2	27
01/04/2024 13:00	5.5	53	8	7.1	0.0	35.1	26
01/04/2024 13:10	5.8	52	8	7.5	0.0	35.2	25
01/04/2024 13:20	5.4	56	8	7.1	0.0	35.5	24
01/04/2024 13:30	5.3	56	9	7.6	0.0	35.7	22
01/04/2024 13:40	5.7	61	11	7.8	0.0	35.9	23
01/04/2024 13:50	5.6	60	8	7.4	0.0	36.0	22
01/04/2024 14:00	5.7	68	8	7.6	0.0	36.3	22
01/04/2024 14:10	4.6	58	11	6.1	0.0	36.5	22
01/04/2024 14:20	3.6	60	14	5.2	0.0	36.8	21
01/04/2024 14:30	3.8	46	15	5.4	0.0	37.2	22
01/04/2024 14:40	4.1	23	12	5.8	0.0	36.9	22
01/04/2024 14:50	5.5	166	9	6.9	0.0	36.2	28
01/04/2024 15:00	5.7	322	9	7.8	0.0	35.2	32
01/04/2024 15:10	6.3	328	8	8.1	0.0	34.6	37
01/04/2024 15:20	6.1	327	7	7.7	0.0	34.1	36
01/04/2024 15:30	5.8	330	7	8.7	0.0	34.4	33
01/04/2024 15:40	6.0	327	9	8.3	0.0	34.5	33
01/04/2024 15:50	6.2	329	7	8.1	0.0	34.3	31
01/04/2024 16:00	5.3	330	9	7.3	0.0	34.7	30
01/04/2024 16:10	5.6	331	10	7.5	0.0	34.4	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/04/2024 16:20	5.1	330	8	6.9	0.0	34.3	34
01/04/2024 16:30	5.3	329	8	6.6	0.0	34.3	32
01/04/2024 16:40	5.0	328	6	6.9	0.0	34.3	31
01/04/2024 16:50	4.7	324	8	6.1	0.0	34.1	33
01/04/2024 17:00	4.6	324	9	5.9	0.0	34.0	34
01/04/2024 17:10	5.1	327	8	6.5	0.0	33.6	37
01/04/2024 17:20	5.1	329	8	6.9	0.0	33.2	40
01/04/2024 17:30	5.3	329	9	6.9	0.0	32.8	42
01/04/2024 17:40	5.7	331	9	7.3	0.0	32.6	43
01/04/2024 17:50	5.5	326	7	7.0	0.0	32.4	42
01/04/2024 18:00	4.8	319	8	6.7	0.0	32.3	44
01/04/2024 18:10	4.3	324	9	5.9	0.0	32.1	46
01/04/2024 18:20	4.9	319	10	7.1	0.0	31.8	48
01/04/2024 18:30	4.9	314	9	6.7	0.0	31.8	47
01/04/2024 18:40	4.6	309	9	7.0	0.0	31.8	48
01/04/2024 18:50	4.2	306	10	6.5	0.0	31.5	53
01/04/2024 19:00	3.7	298	10	5.5	0.0	31.3	57
01/04/2024 19:10	4.7	291	8	6.7	0.0	31.0	58
01/04/2024 19:20	4.6	289	8	6.8	0.0	30.8	60
01/04/2024 19:30	4.9	282	7	7.2	0.0	30.7	60
01/04/2024 19:40	4.8	272	6	6.7	0.0	30.8	59
01/04/2024 19:50	4.8	270	6	6.2	0.0	30.7	61
01/04/2024 20:00	5.5	270	6	7.0	0.0	30.4	65
01/04/2024 20:10	4.6	272	6	6.1	0.0	30.3	67
01/04/2024 20:20	4.0	272	7	5.4	0.0	30.2	70
01/04/2024 20:30	4.6	275	6	6.0	0.0	30.1	70
01/04/2024 20:40	5.0	273	5	6.5	0.0	30.2	65
01/04/2024 20:50	4.8	271	5	6.3	0.0	30.4	62
01/04/2024 21:00	4.6	269	5	6.2	0.0	30.2	65
01/04/2024 21:10	5.0	273	4	6.2	0.0	30.2	66
01/04/2024 21:20	5.6	269	4	7.0	0.0	30.0	71
01/04/2024 21:30	6.1	268	5	7.5	0.0	29.8	76
01/04/2024 21:40	6.4	267	5	8.0	0.0	29.7	77
01/04/2024 21:50	6.2	270	5	7.6	0.0	29.6	77
01/04/2024 22:00	6.3	270	6	7.9	0.0	29.6	79
01/04/2024 22:10	5.3	272	5	7.1	0.0	29.5	80
01/04/2024 22:20	4.8	271	6	6.5	0.0	29.4	80
01/04/2024 22:30	4.9	272	5	6.2	0.0	29.4	80
01/04/2024 22:40	4.6	273	5	6.0	0.0	29.5	80
01/04/2024 22:50	4.1	276	6	5.6	0.0	29.4	80
01/04/2024 23:00	3.8	274	4	5.0	0.0	29.4	81
01/04/2024 23:10	4.0	270	4	5.0	0.0	29.4	79
01/04/2024 23:20	3.5	269	4	4.6	0.0	29.4	77
01/04/2024 23:30	3.4	265	5	4.4	0.0	29.5	75
01/04/2024 23:40	3.5	265	5	4.5	0.0	29.6	74
01/04/2024 23:50	3.6	262	5	4.6	0.0	29.4	76
02/04/2024 00:00	3.3	261	8	4.5	0.0	29.2	77
02/04/2024 00:10	2.8	264	8	4.1	0.0	29.2	78



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/04/2024 00:20	3.2	264	6	4.2	0.0	29.3	78
02/04/2024 00:30	3.3	265	6	4.1	0.0	29.2	78
02/04/2024 00:40	3.1	264	9	4.8	0.0	29.1	79
02/04/2024 00:50	4.5	263	6	5.7	0.0	29.2	79
02/04/2024 01:00	4.6	265	5	6.3	0.0	29.2	80
02/04/2024 01:10	5.0	269	4	6.1	0.0	29.2	78
02/04/2024 01:20	4.8	271	6	6.5	0.0	29.3	77
02/04/2024 01:30	5.0	266	5	6.4	0.0	29.4	75
02/04/2024 01:40	4.9	263	6	6.1	0.0	29.5	73
02/04/2024 01:50	4.7	263	5	6.0	0.0	29.4	75
02/04/2024 02:00	4.6	263	5	5.7	0.0	29.2	76
02/04/2024 02:10	4.7	258	5	5.4	0.0	29.1	76
02/04/2024 02:20	4.8	257	6	5.8	0.0	29.0	76
02/04/2024 02:30	4.7	258	6	6.0	0.0	28.9	76
02/04/2024 02:40	4.6	259	5	5.5	0.0	29.0	76
02/04/2024 02:50	3.9	256	7	5.3	0.0	28.9	76
02/04/2024 03:00	4.0	257	6	4.9	0.0	28.7	76
02/04/2024 03:10	4.0	259	6	5.1	0.0	28.7	77
02/04/2024 03:20	4.0	256	7	5.3	0.0	28.7	75
02/04/2024 03:30	3.7	253	8	5.0	0.0	28.7	75
02/04/2024 03:40	4.2	257	6	5.3	0.0	28.6	75
02/04/2024 03:50	4.3	259	10	6.2	0.0	28.6	75
02/04/2024 04:00	4.4	261	5	5.5	0.0	28.5	74
02/04/2024 04:10	4.4	256	7	5.6	0.0	28.5	73
02/04/2024 04:20	3.5	247	12	5.3	0.0	28.7	71
02/04/2024 04:30	3.9	246	10	5.6	0.0	28.8	70
02/04/2024 04:40	3.8	242	10	5.2	0.0	29.0	67
02/04/2024 04:50	3.6	245	11	4.7	0.0	28.8	68
02/04/2024 05:00	3.1	250	7	4.3	0.0	28.6	68
02/04/2024 05:10	2.9	260	9	3.9	0.0	28.5	68
02/04/2024 05:20	2.5	264	10	3.6	0.0	28.2	69
02/04/2024 05:30	3.0	258	13	4.2	0.0	28.1	70
02/04/2024 05:40	1.9	245	23	3.3	0.0	28.1	71
02/04/2024 05:50	2.0	221	20	3.3	0.0	28.4	67
02/04/2024 06:00	1.4	159	28	3.0	0.0	28.6	64
02/04/2024 06:10	1.8	161	22	3.4	0.0	28.7	63
02/04/2024 06:20	2.1	155	19	3.7	0.0	28.8	59
02/04/2024 06:30	2.5	143	18	4.4	0.0	29.8	51
02/04/2024 06:40	3.6	134	19	6.5	0.0	30.1	48
02/04/2024 06:50	2.7	121	19	4.7	0.0	30.0	51
02/04/2024 07:00	3.7	114	11	6.1	0.0	29.9	51
02/04/2024 07:10	4.2	114	7	5.7	0.0	29.9	51
02/04/2024 07:20	3.4	115	10	4.8	0.0	30.0	52
02/04/2024 07:30	4.0	113	9	6.1	0.0	30.4	48
02/04/2024 07:40	4.1	111	9	6.2	0.0	30.7	46
02/04/2024 07:50	4.9	111	9	7.2	0.0	30.9	43
02/04/2024 08:00	4.7	109	9	6.4	0.0	31.1	42
02/04/2024 08:10	4.7	112	9	6.3	0.0	31.2	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/04/2024 08:20	4.5	112	11	6.3	0.0	31.3	39
02/04/2024 08:30	4.2	113	11	6.8	0.0	31.5	38
02/04/2024 08:40	4.3	115	12	6.5	0.0	31.8	37
02/04/2024 08:50	5.0	111	13	7.2	0.0	32.4	36
02/04/2024 09:00	5.4	112	11	8.2	0.0	32.8	36
02/04/2024 09:10	6.6	108	9	9.4	0.0	33.1	35
02/04/2024 09:20	5.9	111	11	8.1	0.0	33.3	34
02/04/2024 09:30	5.2	110	10	7.3	0.0	33.4	35
02/04/2024 09:40	4.9	109	10	6.9	0.0	33.5	36
02/04/2024 09:50	5.3	112	11	7.1	0.0	33.8	35
02/04/2024 10:00	5.8	109	9	7.9	0.0	33.9	34
02/04/2024 10:10	5.5	111	11	8.9	0.0	34.0	34
02/04/2024 10:20	6.2	111	9	8.2	0.0	34.1	31
02/04/2024 10:30	4.9	110	13	6.9	0.0	34.7	31
02/04/2024 10:40	5.2	114	9	7.1	0.0	34.6	32
02/04/2024 10:50	5.0	112	10	6.9	0.0	34.5	33
02/04/2024 11:00	5.5	113	10	7.8	0.0	35.0	29
02/04/2024 11:10	5.6	92	10	7.8	0.0	35.6	29
02/04/2024 11:20	5.2	87	11	7.4	0.0	35.8	29
02/04/2024 11:30	5.3	97	12	7.4	0.0	35.6	31
02/04/2024 11:40	5.4	84	9	7.6	0.0	35.8	30
02/04/2024 11:50	6.0	79	8	7.9	0.0	35.6	30
02/04/2024 12:00	6.4	78	10	8.5	0.0	35.8	29
02/04/2024 12:10	6.7	76	10	8.5	0.0	35.7	28
02/04/2024 12:20	6.4	75	8	8.9	0.0	36.3	27
02/04/2024 12:30	6.2	76	9	8.2	0.0	36.4	27
02/04/2024 12:40	6.3	78	9	8.5	0.0	36.5	26
02/04/2024 12:50	5.9	75	11	8.3	0.0	36.9	27
02/04/2024 13:00	5.7	74	11	8.2	0.0	37.0	27
02/04/2024 13:10	6.3	76	10	8.7	0.0	37.3	25
02/04/2024 13:20	6.6	74	11	9.3	0.0	37.3	24
02/04/2024 13:30	7.3	79	8	9.6	0.0	37.4	23
02/04/2024 13:40	7.6	79	8	9.9	0.0	37.5	23
02/04/2024 13:50	7.0	78	8	8.9	0.0	37.6	22
02/04/2024 14:00	6.9	81	8	9.5	0.0	37.8	22
02/04/2024 14:10	6.9	76	8	9.1	0.0	37.6	22
02/04/2024 14:20	6.2	76	11	8.8	0.0	38.1	22
02/04/2024 14:30	6.2	63	9	8.7	0.0	38.0	24
02/04/2024 14:40	5.4	68	12	8.1	0.0	38.4	22
02/04/2024 14:50	5.6	64	11	8.3	0.0	38.5	21
02/04/2024 15:00	5.2	70	10	7.3	0.0	38.7	20
02/04/2024 15:10	5.0	69	10	7.7	0.0	39.0	20
02/04/2024 15:20	5.6	66	10	7.8	0.0	38.8	20
02/04/2024 15:30	5.1	61	10	7.4	0.0	38.1	22
02/04/2024 15:40	5.4	59	9	7.9	0.0	38.5	21
02/04/2024 15:50	5.1	55	10	7.4	0.0	38.2	22
02/04/2024 16:00	5.3	53	9	7.4	0.0	37.9	23
02/04/2024 16:10	5.5	54	7	7.1	0.0	37.7	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/04/2024 16:20	5.9	53	6	7.9	0.0	37.6	22
02/04/2024 16:30	5.3	55	9	6.9	0.0	37.8	21
02/04/2024 16:40	5.5	56	7	8.0	0.0	37.8	20
02/04/2024 16:50	5.5	55	7	6.9	0.0	37.7	20
02/04/2024 17:00	6.2	57	6	8.0	0.0	37.6	20
02/04/2024 17:10	5.7	61	6	7.8	0.0	37.7	21
02/04/2024 17:20	5.5	62	7	7.7	0.0	37.4	22
02/04/2024 17:30	4.3	55	9	6.5	0.0	37.4	22
02/04/2024 17:40	4.1	60	8	6.3	0.0	37.5	22
02/04/2024 17:50	4.2	52	11	5.7	0.0	36.6	27
02/04/2024 18:00	3.7	52	10	5.0	0.0	35.9	30
02/04/2024 18:10	3.4	41	10	4.6	0.0	35.3	30
02/04/2024 18:20	3.2	22	9	4.2	0.0	35.3	32
02/04/2024 18:30	2.9	18	9	4.1	0.0	35.0	33
02/04/2024 18:40	2.0	46	23	3.7	0.0	35.0	31
02/04/2024 18:50	1.4	116	26	2.3	0.0	35.1	30
02/04/2024 19:00	0.6	51	41	1.2	0.0	35.1	28
02/04/2024 19:10	0.4	18	58	0.9	0.0	34.8	28
02/04/2024 19:20	0.2	212	53	0.4	0.0	34.5	30
02/04/2024 19:30	0.6	105	24	1.1	0.0	34.4	30
02/04/2024 19:40	0.7	74	18	1.1	0.0	33.9	32
02/04/2024 19:50	1.0	106	20	1.5	0.0	33.7	33
02/04/2024 20:00	1.4	71	8	1.9	0.0	33.6	35
02/04/2024 20:10	1.5	57	10	2.3	0.0	32.9	39
02/04/2024 20:20	1.6	67	17	2.6	0.0	32.4	45
02/04/2024 20:30	1.9	73	11	2.6	0.0	32.2	49
02/04/2024 20:40	2.5	66	8	3.5	0.0	32.0	48
02/04/2024 20:50	3.5	52	8	4.9	0.0	32.1	48
02/04/2024 21:00	2.8	49	7	3.8	0.0	31.9	52
02/04/2024 21:10	2.5	64	12	3.8	0.0	31.6	54
02/04/2024 21:20	2.6	59	10	4.3	0.0	31.8	53
02/04/2024 21:30	2.2	57	9	3.1	0.0	31.6	55
02/04/2024 21:40	2.1	33	16	3.3	0.0	31.3	56
02/04/2024 21:50	2.3	257	32	3.5	0.0	31.5	54
02/04/2024 22:00	4.2	256	11	5.3	0.0	32.2	51
02/04/2024 22:10	2.5	285	15	3.8	0.0	31.8	52
02/04/2024 22:20	3.4	268	13	4.9	0.0	32.0	50
02/04/2024 22:30	3.9	256	11	5.6	0.0	32.0	51
02/04/2024 22:40	3.2	262	11	4.4	0.0	31.8	51
02/04/2024 22:50	3.4	253	13	5.1	0.0	31.7	52
02/04/2024 23:00	2.2	271	11	3.3	0.0	31.3	54
02/04/2024 23:10	2.1	269	9	3.1	0.0	31.2	53
02/04/2024 23:20	2.8	259	11	3.8	0.0	31.4	50
02/04/2024 23:30	1.7	259	14	2.8	0.0	31.2	51
02/04/2024 23:40	1.0	246	21	1.7	0.0	31.7	48
02/04/2024 23:50	1.1	261	42	2.3	0.0	31.5	48
03/04/2024 00:00	2.3	260	24	3.7	0.0	31.6	47
03/04/2024 00:10	2.0	256	18	3.7	0.0	31.7	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/04/2024 00:20	2.2	231	25	4.4	0.0	31.9	44
03/04/2024 00:30	2.4	193	10	3.3	0.0	32.1	42
03/04/2024 00:40	1.6	188	10	2.2	0.0	31.7	44
03/04/2024 00:50	1.3	147	33	2.0	0.0	31.6	43
03/04/2024 01:00	0.8	112	41	1.9	0.0	31.1	45
03/04/2024 01:10	1.4	187	25	2.1	0.0	31.4	43
03/04/2024 01:20	1.0	107	50	1.6	0.0	31.2	44
03/04/2024 01:30	0.9	149	28	1.8	0.0	31.4	43
03/04/2024 01:40	1.0	166	23	2.1	0.0	31.6	42
03/04/2024 01:50	1.0	152	23	1.7	0.0	31.6	42
03/04/2024 02:00	0.6	154	42	1.3	0.0	31.5	42
03/04/2024 02:10	0.7	114	28	1.3	0.0	31.1	43
03/04/2024 02:20	1.1	165	16	2.0	0.0	31.8	40
03/04/2024 02:30	1.2	165	25	2.0	0.0	32.1	39
03/04/2024 02:40	1.4	172	10	2.3	0.0	32.2	38
03/04/2024 02:50	1.1	187	13	2.1	0.0	32.1	39
03/04/2024 03:00	0.8	132	28	1.6	0.0	31.9	40
03/04/2024 03:10	1.2	127	22	2.2	0.0	31.8	40
03/04/2024 03:20	1.8	130	18	3.4	0.0	32.2	38
03/04/2024 03:30	2.0	118	21	3.5	0.0	32.1	39
03/04/2024 03:40	2.4	109	12	3.5	0.0	31.6	41
03/04/2024 03:50	2.0	101	17	3.3	0.0	30.9	45
03/04/2024 04:00	2.2	107	14	3.5	0.0	30.5	50
03/04/2024 04:10	2.2	109	13	3.6	0.0	30.4	53
03/04/2024 04:20	2.1	100	14	3.7	0.0	30.3	53
03/04/2024 04:30	2.2	91	10	3.2	0.0	30.0	54
03/04/2024 04:40	2.6	82	4	3.3	0.0	29.8	57
03/04/2024 04:50	2.7	84	6	3.5	0.0	30.1	56
03/04/2024 05:00	2.7	84	6	3.8	0.0	30.3	54
03/04/2024 05:10	2.9	85	9	4.5	0.0	30.5	54
03/04/2024 05:20	3.2	97	10	5.3	0.0	30.6	53
03/04/2024 05:30	4.3	111	10	6.9	0.0	31.1	50
03/04/2024 05:40	5.3	110	11	7.8	0.0	31.2	45
03/04/2024 05:50	6.9	111	10	10.1	0.0	31.4	43
03/04/2024 06:00	6.1	108	11	9.0	0.0	31.4	45
03/04/2024 06:10	6.0	109	11	9.1	0.0	31.3	44
03/04/2024 06:20	5.8	108	12	9.9	0.0	31.2	43
03/04/2024 06:30	6.0	108	11	10.0	0.0	31.2	44
03/04/2024 06:40	7.3	108	11	11.1	0.0	31.3	42
03/04/2024 06:50	6.6	109	11	9.9	0.0	31.2	43
03/04/2024 07:00	6.2	109	10	9.7	0.0	31.2	43
03/04/2024 07:10	6.9	111	9	10.9	0.0	31.1	43
03/04/2024 07:20	5.6	111	12	9.1	0.0	31.0	44
03/04/2024 07:30	6.4	108	12	10.1	0.0	31.0	42
03/04/2024 07:40	7.2	109	10	11.2	0.0	31.4	40
03/04/2024 07:50	5.7	110	15	8.9	0.0	31.3	40
03/04/2024 08:00	5.1	115	17	8.3	0.0	31.3	41
03/04/2024 08:10	5.6	110	13	9.4	0.0	31.5	40



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/04/2024 08:20	5.8	109	13	8.7	0.0	31.6	41
03/04/2024 08:30	7.6	109	12	11.4	0.0	32.0	38
03/04/2024 08:40	7.7	108	11	12.3	0.0	32.4	38
03/04/2024 08:50	7.9	107	12	11.3	0.0	32.6	37
03/04/2024 09:00	7.5	107	11	11.4	0.0	32.9	38
03/04/2024 09:10	8.7	107	10	13.8	0.0	32.9	37
03/04/2024 09:20	8.5	109	11	12.3	0.0	33.0	37
03/04/2024 09:30	8.4	107	11	12.6	0.0	33.2	37
03/04/2024 09:40	7.1	105	11	10.5	0.0	33.4	37
03/04/2024 09:50	7.1	105	12	11.1	0.0	33.6	37
03/04/2024 10:00	6.9	105	11	9.9	0.0	33.9	37
03/04/2024 10:10	7.1	99	10	10.7	0.0	34.1	36
03/04/2024 10:20	7.1	97	10	10.9	0.0	34.5	35
03/04/2024 10:30	6.8	99	11	10.5	0.0	34.6	35
03/04/2024 10:40	8.4	94	8	11.2	0.0	34.7	35
03/04/2024 10:50	8.5	89	7	11.9	0.0	34.9	34
03/04/2024 11:00	8.0	88	8	11.0	0.0	34.7	37
03/04/2024 11:10	8.2	89	7	11.4	0.0	34.6	35
03/04/2024 11:20	8.5	89	8	11.6	0.0	34.8	34
03/04/2024 11:30	8.1	91	9	11.8	0.0	34.9	36
03/04/2024 11:40	9.1	89	7	12.4	0.0	34.7	35
03/04/2024 11:50	9.2	89	7	12.8	0.0	35.1	34
03/04/2024 12:00	8.7	89	8	13.0	0.0	35.4	33
03/04/2024 12:10	8.5	87	10	12.7	0.0	36.0	31
03/04/2024 12:20	9.4	89	8	12.7	0.0	35.7	32
03/04/2024 12:30	8.1	88	8	12.6	0.0	35.8	33
03/04/2024 12:40	9.4	88	7	12.5	0.0	35.6	34
03/04/2024 12:50	7.9	87	8	10.8	0.0	35.9	33
03/04/2024 13:00	7.9	91	9	11.0	0.0	36.0	34
03/04/2024 13:10	7.7	84	10	10.9	0.0	36.1	32
03/04/2024 13:20	7.8	85	9	11.2	0.0	35.9	33
03/04/2024 13:30	7.7	76	9	10.8	0.0	35.7	34
03/04/2024 13:40	7.4	80	9	10.7	0.0	35.9	34
03/04/2024 13:50	7.7	77	8	10.6	0.0	35.6	34
03/04/2024 14:00	8.5	74	7	11.3	0.0	35.2	35
03/04/2024 14:10	8.6	73	7	11.7	0.0	35.6	33
03/04/2024 14:20	9.2	76	7	12.2	0.0	35.6	31
03/04/2024 14:30	8.5	80	7	11.5	0.0	35.9	29
03/04/2024 14:40	7.5	67	9	10.2	0.0	36.4	29
03/04/2024 14:50	8.6	62	8	11.2	0.0	36.2	28
03/04/2024 15:00	7.4	62	9	10.2	0.0	35.7	32
03/04/2024 15:10	7.4	54	8	9.9	0.0	35.6	34
03/04/2024 15:20	8.3	56	6	10.6	0.0	35.0	35
03/04/2024 15:30	7.8	57	7	10.4	0.0	35.0	36
03/04/2024 15:40	7.4	61	8	9.9	0.0	35.1	35
03/04/2024 15:50	7.2	58	8	10.2	0.0	35.2	34
03/04/2024 16:00	7.9	58	7	10.5	0.0	35.3	31
03/04/2024 16:10	7.0	60	9	10.0	0.0	35.3	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/04/2024 16:20	7.8	60	8	10.6	0.0	35.1	31
03/04/2024 16:30	7.4	57	7	9.9	0.0	35.0	32
03/04/2024 16:40	7.2	60	7	9.9	0.0	35.0	31
03/04/2024 16:50	7.5	60	7	10.1	0.0	35.1	30
03/04/2024 17:00	6.7	60	8	9.2	0.0	35.1	31
03/04/2024 17:10	6.2	61	8	9.4	0.0	35.1	31
03/04/2024 17:20	6.2	61	7	8.6	0.0	34.9	31
03/04/2024 17:30	5.7	60	7	7.8	0.0	35.0	30
03/04/2024 17:40	5.5	62	7	7.9	0.0	34.6	32
03/04/2024 17:50	5.1	62	8	7.2	0.0	34.4	32
03/04/2024 18:00	4.5	62	8	6.5	0.0	34.3	32
03/04/2024 18:10	4.3	63	7	5.8	0.0	34.2	32
03/04/2024 18:20	3.6	60	8	5.5	0.0	33.9	33
03/04/2024 18:30	3.5	62	8	5.3	0.0	33.8	34
03/04/2024 18:40	3.0	58	6	4.4	0.0	33.6	35
03/04/2024 18:50	3.1	61	7	4.5	0.0	33.6	34
03/04/2024 19:00	2.6	55	7	3.6	0.0	33.5	35
03/04/2024 19:10	2.5	57	5	3.1	0.0	33.3	37
03/04/2024 19:20	2.3	58	7	3.0	0.0	33.1	37
03/04/2024 19:30	2.2	56	8	3.0	0.0	33.1	37
03/04/2024 19:40	2.7	51	5	3.6	0.0	33.3	35
03/04/2024 19:50	2.2	58	7	2.8	0.0	33.0	37
03/04/2024 20:00	2.2	60	5	2.6	0.0	32.7	40
03/04/2024 20:10	2.1	54	4	2.5	0.0	32.7	39
03/04/2024 20:20	2.0	56	4	2.3	0.0	32.6	38
03/04/2024 20:30	1.8	52	5	2.1	0.0	32.3	39
03/04/2024 20:40	1.4	64	9	1.8	0.0	32.2	39
03/04/2024 20:50	1.1	63	10	1.7	0.0	32.0	40
03/04/2024 21:00	2.7	50	5	3.6	0.0	31.6	43
03/04/2024 21:10	4.5	45	7	6.0	0.0	31.6	42
03/04/2024 21:20	4.4	55	4	5.5	0.0	31.6	45
03/04/2024 21:30	3.5	57	7	4.6	0.0	30.8	55
03/04/2024 21:40	3.1	55	6	4.0	0.0	30.5	61
03/04/2024 21:50	2.6	51	5	3.5	0.0	30.1	64
03/04/2024 22:00	2.9	55	6	3.7	0.0	30.0	61
03/04/2024 22:10	2.7	45	7	3.5	0.0	30.2	57
03/04/2024 22:20	1.4	56	11	2.4	0.0	30.1	54
03/04/2024 22:30	1.6	42	9	2.3	0.0	30.0	52
03/04/2024 22:40	1.5	39	8	2.1	0.0	30.1	54
03/04/2024 22:50	1.1	27	18	2.0	0.0	30.2	54
03/04/2024 23:00	0.9	170	59	1.7	0.0	30.1	55
03/04/2024 23:10	1.4	40	14	2.0	0.0	30.0	57
03/04/2024 23:20	2.8	66	8	4.0	0.0	29.9	55
03/04/2024 23:30	3.9	66	8	5.2	0.0	30.3	54
03/04/2024 23:40	4.7	58	7	6.1	0.0	30.5	53
03/04/2024 23:50	4.2	61	7	5.2	0.0	30.2	56
04/04/2024 00:00	3.8	63	7	4.8	0.0	30.0	60
04/04/2024 00:10	2.8	72	6	3.4	0.0	29.6	67



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/04/2024 00:20	2.5	90	9	3.3	0.0	29.5	67
04/04/2024 00:30	2.0	111	15	3.3	0.0	30.0	67
04/04/2024 00:40	2.3	124	15	3.7	0.0	29.8	71
04/04/2024 00:50	1.6	162	19	2.7	0.0	29.8	71
04/04/2024 01:00	1.4	195	15	2.4	0.0	29.5	70
04/04/2024 01:10	2.5	223	10	3.5	0.0	29.7	66
04/04/2024 01:20	2.3	204	16	3.6	0.0	30.2	55
04/04/2024 01:30	1.7	160	22	3.1	0.0	30.5	46
04/04/2024 01:40	2.4	139	14	3.8	0.0	31.2	37
04/04/2024 01:50	2.3	134	13	3.9	0.0	31.4	34
04/04/2024 02:00	2.4	133	15	3.7	0.0	31.0	34
04/04/2024 02:10	2.3	122	16	4.1	0.0	30.6	36
04/04/2024 02:20	2.4	131	18	3.6	0.0	30.4	38
04/04/2024 02:30	2.3	130	21	4.2	0.0	30.3	38
04/04/2024 02:40	2.4	136	18	3.9	0.0	30.4	35
04/04/2024 02:50	2.3	123	15	3.9	0.0	30.4	34
04/04/2024 03:00	3.5	114	10	5.5	0.0	30.2	36
04/04/2024 03:10	4.0	113	10	6.2	0.0	30.4	35
04/04/2024 03:20	4.4	110	11	6.6	0.0	30.3	35
04/04/2024 03:30	4.9	112	11	7.5	0.0	30.4	34
04/04/2024 03:40	5.0	109	12	7.8	0.0	30.4	34
04/04/2024 03:50	4.8	113	11	7.0	0.0	30.2	34
04/04/2024 04:00	3.7	114	12	6.4	0.0	30.0	35
04/04/2024 04:10	4.2	111	10	6.6	0.0	29.9	36
04/04/2024 04:20	5.5	108	13	8.3	0.0	29.9	36
04/04/2024 04:30	4.3	113	13	7.5	0.0	29.8	37
04/04/2024 04:40	5.1	109	12	7.6	0.0	29.7	35
04/04/2024 04:50	4.4	109	12	7.2	0.0	29.6	36
04/04/2024 05:00	6.2	111	11	8.9	0.0	29.6	34
04/04/2024 05:10	6.6	110	10	9.1	0.0	29.7	33
04/04/2024 05:20	6.8	108	12	10.6	0.0	29.6	35
04/04/2024 05:30	7.6	110	10	10.6	0.0	29.6	35
04/04/2024 05:40	6.4	107	11	9.9	0.0	29.4	35
04/04/2024 05:50	6.7	107	11	10.8	0.0	29.4	35
04/04/2024 06:00	7.3	107	11	10.5	0.0	29.4	34
04/04/2024 06:10	6.4	111	11	9.6	0.0	29.3	35
04/04/2024 06:20	7.3	107	10	10.5	0.0	29.3	34
04/04/2024 06:30	6.5	108	11	9.8	0.0	29.1	35
04/04/2024 06:40	6.8	108	10	9.6	0.0	29.1	34
04/04/2024 06:50	7.0	107	10	10.5	0.0	29.1	34
04/04/2024 07:00	7.5	108	10	11.3	0.0	29.1	33
04/04/2024 07:10	7.0	102	11	10.8	0.0	29.2	32
04/04/2024 07:20	7.5	103	12	13.6	0.0	29.2	32
04/04/2024 07:30	7.7	104	12	12.8	0.0	29.2	32
04/04/2024 07:40	7.5	104	12	12.3	0.0	29.2	32
04/04/2024 07:50	7.5	104	11	11.8	0.0	29.3	32
04/04/2024 08:00	7.0	104	13	11.1	0.0	29.5	31
04/04/2024 08:10	6.8	105	11	11.7	0.0	29.5	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/04/2024 08:20	7.1	105	11	10.1	0.0	29.7	31
04/04/2024 08:30	7.2	102	12	11.4	0.0	29.9	30
04/04/2024 08:40	7.1	104	12	10.5	0.0	30.2	30
04/04/2024 08:50	7.0	107	10	10.7	0.0	30.2	31
04/04/2024 09:00	6.8	107	11	10.0	0.0	30.5	29
04/04/2024 09:10	6.4	106	11	9.3	0.0	30.9	29
04/04/2024 09:20	7.7	104	13	11.0	0.0	31.1	28
04/04/2024 09:30	7.4	99	11	11.8	0.0	31.5	27
04/04/2024 09:40	7.7	101	12	11.1	0.0	31.6	28
04/04/2024 09:50	7.3	99	12	11.2	0.0	31.8	29
04/04/2024 10:00	7.7	92	8	11.0	0.0	31.9	28
04/04/2024 10:10	7.1	90	7	9.6	0.0	32.1	30
04/04/2024 10:20	7.3	93	9	9.9	0.0	32.1	32
04/04/2024 10:30	7.8	91	8	10.7	0.0	32.3	30
04/04/2024 10:40	6.7	96	10	9.4	0.0	32.6	31
04/04/2024 10:50	7.7	90	8	10.3	0.0	32.8	30
04/04/2024 11:00	7.8	87	8	11.6	0.0	33.1	29
04/04/2024 11:10	7.6	88	9	10.1	0.0	33.1	29
04/04/2024 11:20	7.2	84	10	10.4	0.0	33.3	29
04/04/2024 11:30	7.0	87	9	10.1	0.0	33.2	30
04/04/2024 11:40	7.0	87	9	9.9	0.0	33.3	31
04/04/2024 11:50	6.9	85	9	9.8	0.0	33.7	29
04/04/2024 12:00	6.8	82	9	10.1	0.0	33.6	29
04/04/2024 12:10	6.8	84	8	9.1	0.0	33.8	29
04/04/2024 12:20	6.7	85	8	9.5	0.0	34.1	28
04/04/2024 12:30	7.0	89	7	9.7	0.0	34.1	28
04/04/2024 12:40	6.8	90	9	10.3	0.0	34.3	28
04/04/2024 12:50	6.7	85	8	9.2	0.0	34.2	29
04/04/2024 13:00	7.1	75	10	9.7	0.0	34.1	30
04/04/2024 13:10	7.3	79	8	10.6	0.0	34.0	31
04/04/2024 13:20	7.5	83	10	10.2	0.0	34.1	29
04/04/2024 13:30	8.0	74	8	10.4	0.0	34.0	28
04/04/2024 13:40	7.6	81	8	11.9	0.0	34.2	27
04/04/2024 13:50	6.1	71	12	8.9	0.0	34.8	27
04/04/2024 14:00	7.4	59	8	10.9	0.0	34.5	28
04/04/2024 14:10	8.4	59	6	11.0	0.0	34.4	24
04/04/2024 14:20	8.8	62	7	11.7	0.0	34.5	24
04/04/2024 14:30	8.8	66	7	11.2	0.0	34.3	25
04/04/2024 14:40	7.9	62	7	10.5	0.0	34.5	26
04/04/2024 14:50	8.2	59	8	10.9	0.0	34.5	26
04/04/2024 15:00	8.2	55	8	10.7	0.0	34.2	26
04/04/2024 15:10	8.7	54	7	11.6	0.0	33.9	30
04/04/2024 15:20	8.7	61	7	11.5	0.0	33.9	28
04/04/2024 15:30	8.7	56	7	11.2	0.0	33.8	29
04/04/2024 15:40	8.4	60	8	11.8	0.0	33.7	33
04/04/2024 15:50	8.0	60	9	11.6	0.0	33.6	35
04/04/2024 16:00	8.1	60	7	11.0	0.0	33.4	36
04/04/2024 16:10	7.9	59	7	11.4	0.0	33.3	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/04/2024 16:20	8.4	62	9	11.8	0.0	33.0	37
04/04/2024 16:30	8.2	55	8	11.3	0.0	33.0	37
04/04/2024 16:40	7.9	56	8	11.2	0.0	32.8	37
04/04/2024 16:50	7.6	58	7	10.9	0.0	32.7	39
04/04/2024 17:00	7.7	57	7	10.9	0.0	32.4	40
04/04/2024 17:10	7.7	56	8	10.8	0.0	32.3	39
04/04/2024 17:20	7.5	58	8	9.9	0.0	32.4	37
04/04/2024 17:30	7.4	60	7	9.9	0.0	32.4	36
04/04/2024 17:40	7.3	62	7	9.5	0.0	32.3	36
04/04/2024 17:50	6.2	61	9	8.6	0.0	32.0	39
04/04/2024 18:00	6.6	56	7	8.7	0.0	31.9	39
04/04/2024 18:10	5.7	59	7	8.2	0.0	31.9	39
04/04/2024 18:20	4.6	60	8	6.4	0.0	31.6	40
04/04/2024 18:30	4.4	66	7	5.9	0.0	31.4	42
04/04/2024 18:40	4.1	58	9	6.6	0.0	31.2	43
04/04/2024 18:50	4.0	60	11	6.4	0.0	31.6	41
04/04/2024 19:00	3.8	63	9	5.3	0.0	31.3	42
04/04/2024 19:10	4.4	59	8	6.9	0.0	31.5	41
04/04/2024 19:20	4.4	55	8	6.6	0.0	31.4	42
04/04/2024 19:30	4.4	51	7	6.0	0.0	31.3	43
04/04/2024 19:40	4.0	53	7	5.8	0.0	31.0	44
04/04/2024 19:50	4.7	53	7	6.7	0.0	31.0	44
04/04/2024 20:00	4.9	50	6	6.9	0.0	30.9	44
04/04/2024 20:10	5.6	45	6	8.1	0.0	31.0	43
04/04/2024 20:20	5.1	52	7	7.7	0.0	31.0	43
04/04/2024 20:30	4.6	53	6	6.4	0.0	30.6	45
04/04/2024 20:40	4.5	55	6	6.6	0.0	30.6	45
04/04/2024 20:50	4.9	61	7	7.0	0.0	30.4	48
04/04/2024 21:00	4.7	58	7	6.1	0.0	30.4	47
04/04/2024 21:10	4.8	57	6	6.6	0.0	30.5	47
04/04/2024 21:20	5.1	58	7	7.1	0.0	30.2	51
04/04/2024 21:30	4.5	60	7	6.0	0.0	30.0	54
04/04/2024 21:40	4.7	61	7	6.0	0.0	29.8	55
04/04/2024 21:50	4.6	62	7	6.8	0.0	29.7	57
04/04/2024 22:00	4.0	57	8	6.6	0.0	29.8	55
04/04/2024 22:10	3.3	61	8	4.6	0.0	29.4	60
04/04/2024 22:20	3.6	63	7	4.8	0.0	29.2	60
04/04/2024 22:30	3.3	67	7	4.7	0.0	29.0	62
04/04/2024 22:40	3.3	66	7	4.2	0.0	28.8	63
04/04/2024 22:50	3.2	62	7	3.9	0.0	28.7	66
04/04/2024 23:00	3.0	65	7	4.0	0.0	28.6	69
04/04/2024 23:10	1.1	194	39	2.1	0.0	28.4	69
04/04/2024 23:20	1.5	244	13	2.1	0.0	28.6	67
04/04/2024 23:30	1.9	252	17	2.8	0.0	28.7	62
04/04/2024 23:40	1.1	173	36	1.9	0.0	28.9	62
04/04/2024 23:50	0.8	122	40	1.4	0.0	28.5	67
05/04/2024 00:00	1.5	189	8	2.1	0.0	28.2	68
05/04/2024 00:10	1.5	193	12	2.1	0.0	28.4	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/04/2024 00:20	2.5	218	10	4.2	0.0	28.3	69
05/04/2024 00:30	2.9	206	11	4.7	0.0	28.2	69
05/04/2024 00:40	2.3	190	12	3.5	0.0	27.9	69
05/04/2024 00:50	2.4	180	13	3.6	0.0	27.9	66
05/04/2024 01:00	2.4	181	13	3.9	0.0	27.8	64
05/04/2024 01:10	1.8	172	21	3.1	0.0	27.9	62
05/04/2024 01:20	1.3	179	47	2.2	0.0	27.9	61
05/04/2024 01:30	1.7	169	21	2.9	0.0	28.0	60
05/04/2024 01:40	1.4	140	51	2.7	0.0	28.0	61
05/04/2024 01:50	0.9	187	78	1.8	0.0	27.9	61
05/04/2024 02:00	0.9	97	72	2.0	0.0	27.9	59
05/04/2024 02:10	1.3	149	29	2.5	0.0	28.3	55
05/04/2024 02:20	1.7	127	18	2.9	0.0	28.6	52
05/04/2024 02:30	1.8	132	18	3.2	0.0	28.6	50
05/04/2024 02:40	1.9	133	17	3.2	0.0	28.5	50
05/04/2024 02:50	1.8	133	16	3.0	0.0	28.6	49
05/04/2024 03:00	2.0	128	13	3.4	0.0	28.7	49
05/04/2024 03:10	2.0	130	15	3.1	0.0	28.7	49
05/04/2024 03:20	1.6	135	18	2.4	0.0	28.6	48
05/04/2024 03:30	1.7	131	20	2.7	0.0	28.5	47
05/04/2024 03:40	1.8	131	14	2.9	0.0	28.5	47
05/04/2024 03:50	2.0	132	13	3.1	0.0	28.6	45
05/04/2024 04:00	1.8	132	20	2.8	0.0	28.6	45
05/04/2024 04:10	1.6	117	19	2.5	0.0	28.3	47
05/04/2024 04:20	2.4	104	19	3.8	0.0	27.8	50
05/04/2024 04:30	2.9	111	15	4.8	0.0	27.8	52
05/04/2024 04:40	1.8	123	21	2.9	0.0	27.7	53
05/04/2024 04:50	1.7	97	22	3.3	0.0	27.3	56
05/04/2024 05:00	2.8	108	13	4.7	0.0	27.7	54
05/04/2024 05:10	2.2	87	13	3.8	0.0	27.5	53
05/04/2024 05:20	3.3	81	7	4.7	0.0	27.6	51
05/04/2024 05:30	3.2	85	8	4.8	0.0	27.6	51
05/04/2024 05:40	3.5	85	9	5.0	0.0	27.7	49
05/04/2024 05:50	3.6	88	10	5.8	0.0	27.9	46
05/04/2024 06:00	3.9	86	8	5.5	0.0	28.2	43
05/04/2024 06:10	3.1	82	8	4.3	0.0	28.0	43
05/04/2024 06:20	3.1	81	9	4.3	0.0	28.0	43
05/04/2024 06:30	3.4	107	13	5.5	0.0	28.3	42
05/04/2024 06:40	3.4	116	14	5.7	0.0	28.9	39
05/04/2024 06:50	2.5	133	16	4.8	0.0	28.8	39
05/04/2024 07:00	2.1	142	21	3.4	0.0	28.8	39
05/04/2024 07:10	2.6	162	24	4.6	0.0	28.2	41
05/04/2024 07:20	1.9	165	21	2.9	0.0	27.9	39
05/04/2024 07:30	2.3	136	14	4.1	0.0	28.1	36
05/04/2024 07:40	2.8	134	13	3.9	0.0	28.5	32
05/04/2024 07:50	2.8	138	16	4.5	0.0	28.8	30
05/04/2024 08:00	2.7	130	17	4.3	0.0	28.9	30
05/04/2024 08:10	3.1	127	15	5.0	0.0	28.8	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/04/2024 08:20	3.7	119	19	6.3	0.0	28.7	34
05/04/2024 08:30	3.5	132	19	5.8	0.0	29.3	31
05/04/2024 08:40	3.6	125	19	6.0	0.0	29.6	31
05/04/2024 08:50	3.5	124	20	6.0	0.0	29.9	29
05/04/2024 09:00	4.8	114	13	7.9	0.0	30.3	27
05/04/2024 09:10	5.1	109	12	7.8	0.0	30.3	27
05/04/2024 09:20	5.4	104	14	7.4	0.0	30.7	26
05/04/2024 09:30	5.8	98	12	8.1	0.0	31.4	25
05/04/2024 09:40	6.5	91	10	9.1	0.0	31.5	26
05/04/2024 09:50	7.1	93	9	9.5	0.0	31.4	28
05/04/2024 10:00	5.8	96	11	8.1	0.0	31.5	28
05/04/2024 10:10	6.8	89	9	9.0	0.0	31.4	30
05/04/2024 10:20	6.5	87	8	9.0	0.0	31.5	31
05/04/2024 10:30	7.3	83	10	10.1	0.0	31.6	31
05/04/2024 10:40	6.4	83	9	10.2	0.0	32.3	29
05/04/2024 10:50	6.8	87	8	9.7	0.0	32.2	30
05/04/2024 11:00	6.8	86	11	9.6	0.0	32.3	31
05/04/2024 11:10	7.9	86	10	10.4	0.0	32.1	30
05/04/2024 11:20	7.6	85	9	10.9	0.0	32.2	29
05/04/2024 11:30	7.6	75	9	11.1	0.0	32.4	28
05/04/2024 11:40	7.3	81	10	10.0	0.0	32.4	30
05/04/2024 11:50	7.1	84	9	10.6	0.0	32.4	29
05/04/2024 12:00	7.4	82	9	10.2	0.0	32.4	28
05/04/2024 12:10	6.9	85	8	10.2	0.0	32.4	30
05/04/2024 12:20	7.3	77	9	10.9	0.0	32.6	27
05/04/2024 12:30	7.9	73	7	11.1	0.0	32.4	28
05/04/2024 12:40	7.7	78	7	10.5	0.0	32.1	31
05/04/2024 12:50	7.2	74	10	10.2	0.0	32.8	30
05/04/2024 13:00	7.8	58	7	9.9	0.0	32.2	32
05/04/2024 13:10	7.7	62	8	10.6	0.0	32.4	34
05/04/2024 13:20	8.4	61	8	10.9	0.0	32.4	33
05/04/2024 13:30	8.2	59	8	11.6	0.0	32.3	33
05/04/2024 13:40	7.9	60	8	11.1	0.0	32.1	36
05/04/2024 13:50	7.8	51	8	10.6	0.0	32.3	35
05/04/2024 14:00	7.7	61	10	10.5	0.0	32.0	38
05/04/2024 14:10	8.3	58	9	10.9	0.0	31.9	39
05/04/2024 14:20	8.6	60	8	11.8	0.0	31.8	37
05/04/2024 14:30	8.6	57	8	11.4	0.0	31.8	38
05/04/2024 14:40	8.5	60	8	11.2	0.0	32.0	37
05/04/2024 14:50	8.0	59	9	10.5	0.0	32.2	37
05/04/2024 15:00	8.7	61	7	11.7	0.0	32.0	37
05/04/2024 15:10	8.7	60	7	12.6	0.0	32.0	38
05/04/2024 15:20	8.5	62	8	11.3	0.0	32.1	38
05/04/2024 15:30	8.2	56	8	11.0	0.0	31.8	38
05/04/2024 15:40	8.1	62	8	11.1	0.0	32.0	37
05/04/2024 15:50	8.3	60	7	11.1	0.0	31.9	37
05/04/2024 16:00	8.0	62	8	11.1	0.0	31.9	36
05/04/2024 16:10	7.4	60	7	10.3	0.0	32.0	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/04/2024 16:20	6.8	61	8	9.0	0.0	32.2	34
05/04/2024 16:30	6.6	63	8	9.1	0.0	32.1	35
05/04/2024 16:40	5.8	58	8	8.1	0.0	32.1	36
05/04/2024 16:50	5.7	45	10	8.8	0.0	32.5	33
05/04/2024 17:00	6.3	46	8	9.0	0.0	31.9	34
05/04/2024 17:10	5.6	46	9	8.0	0.0	31.7	31
05/04/2024 17:20	5.1	42	10	7.5	0.0	31.5	33
05/04/2024 17:30	5.1	29	10	7.3	0.0	30.6	46
05/04/2024 17:40	4.5	21	12	6.6	0.0	30.4	46
05/04/2024 17:50	5.3	15	9	7.3	0.0	30.4	46
05/04/2024 18:00	5.2	24	8	6.7	0.0	30.1	48
05/04/2024 18:10	4.3	30	9	5.7	0.0	29.9	48
05/04/2024 18:20	4.0	26	8	5.5	0.0	29.8	49
05/04/2024 18:30	4.5	24	8	6.3	0.0	29.7	49
05/04/2024 18:40	4.0	22	10	5.3	0.0	29.5	52
05/04/2024 18:50	3.8	15	8	5.1	0.0	29.4	52
05/04/2024 19:00	4.1	16	9	5.7	0.0	29.3	52
05/04/2024 19:10	4.0	29	8	5.5	0.0	29.2	54
05/04/2024 19:20	3.6	28	8	5.4	0.0	29.0	55
05/04/2024 19:30	3.0	24	9	4.2	0.0	28.9	55
05/04/2024 19:40	2.4	180	11	3.0	0.0	28.9	56
05/04/2024 19:50	2.1	342	13	3.3	0.0	28.9	57
05/04/2024 20:00	2.3	347	10	3.3	0.0	28.9	56
05/04/2024 20:10	1.7	342	10	2.4	0.0	28.8	59
05/04/2024 20:20	1.7	324	7	2.5	0.0	28.7	59
05/04/2024 20:30	1.8	311	15	2.6	0.0	28.7	57
05/04/2024 20:40	2.0	349	10	2.6	0.0	28.7	58
05/04/2024 20:50	1.9	333	8	2.8	0.0	28.7	56
05/04/2024 21:00	1.8	321	8	2.5	0.0	28.8	57
05/04/2024 21:10	1.7	287	10	2.1	0.0	28.6	59
05/04/2024 21:20	1.6	273	6	2.0	0.0	28.3	60
05/04/2024 21:30	1.4	298	5	1.7	0.0	28.4	62
05/04/2024 21:40	0.8	338	9	1.0	0.0	28.4	62
05/04/2024 21:50	0.7	271	19	1.0	0.0	28.2	62
05/04/2024 22:00	1.4	256	10	1.9	0.0	27.9	64
05/04/2024 22:10	2.0	275	5	2.4	0.0	27.7	65
05/04/2024 22:20	2.5	273	5	3.1	0.0	27.7	65
05/04/2024 22:30	2.9	272	5	3.6	0.0	27.5	66
05/04/2024 22:40	2.5	272	5	3.2	0.0	27.5	67
05/04/2024 22:50	1.3	237	17	1.9	0.0	27.4	67
05/04/2024 23:00	1.3	230	23	2.3	0.0	27.3	69
05/04/2024 23:10	2.1	240	11	2.9	0.0	27.7	68
05/04/2024 23:20	2.2	242	10	3.2	0.0	27.8	68
05/04/2024 23:30	3.1	239	10	4.1	0.0	27.7	69
05/04/2024 23:40	2.9	244	12	4.1	0.0	27.6	69
05/04/2024 23:50	3.0	238	10	4.6	0.0	27.7	68
06/04/2024 00:00	2.2	262	16	3.2	0.0	27.3	69
06/04/2024 00:10	1.5	260	15	2.5	0.0	26.8	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/04/2024 00:20	1.0	256	25	2.0	0.0	26.8	71
06/04/2024 00:30	0.7	234	29	1.4	0.0	26.7	71
06/04/2024 00:40	1.0	231	29	1.8	0.0	26.7	71
06/04/2024 00:50	0.7	282	27	1.2	0.0	26.7	71
06/04/2024 01:00	0.7	289	22	1.3	0.0	26.6	71
06/04/2024 01:10	1.3	255	23	2.4	0.0	26.4	72
06/04/2024 01:20	2.0	247	16	3.5	0.0	26.5	72
06/04/2024 01:30	1.6	248	17	2.4	0.0	26.4	73
06/04/2024 01:40	1.6	251	23	2.8	0.0	26.2	73
06/04/2024 01:50	2.1	252	14	3.6	0.0	26.2	73
06/04/2024 02:00	2.6	242	16	3.5	0.0	26.3	73
06/04/2024 02:10	2.8	271	7	4.1	0.0	26.0	73
06/04/2024 02:20	1.9	240	20	3.3	0.0	25.9	74
06/04/2024 02:30	2.1	255	13	3.1	0.0	26.1	73
06/04/2024 02:40	1.6	223	14	2.6	0.0	26.1	73
06/04/2024 02:50	1.6	230	15	3.1	0.0	26.2	72
06/04/2024 03:00	1.4	241	39	3.3	0.0	26.3	72
06/04/2024 03:10	1.5	269	26	2.4	0.0	26.2	72
06/04/2024 03:20	2.8	281	10	3.8	0.0	26.2	71
06/04/2024 03:30	1.7	219	45	3.3	0.0	26.4	68
06/04/2024 03:40	2.3	278	24	3.6	0.0	26.2	68
06/04/2024 03:50	1.4	221	46	2.5	0.0	26.5	64
06/04/2024 04:00	1.4	230	36	2.6	0.0	26.3	64
06/04/2024 04:10	1.6	232	26	3.0	0.0	26.3	62
06/04/2024 04:20	1.9	192	13	3.0	0.0	26.7	60
06/04/2024 04:30	0.9	214	46	2.8	0.0	26.0	63
06/04/2024 04:40	1.5	209	27	3.1	0.0	26.3	60
06/04/2024 04:50	0.9	289	49	1.8	0.0	26.0	61
06/04/2024 05:00	0.7	245	64	1.8	0.0	25.7	62
06/04/2024 05:10	1.6	197	21	2.9	0.0	25.7	62
06/04/2024 05:20	1.8	196	25	3.2	0.0	25.7	61
06/04/2024 05:30	2.8	184	15	4.6	0.0	25.7	63
06/04/2024 05:40	3.1	184	12	4.8	0.0	25.7	63
06/04/2024 05:50	3.0	186	14	4.8	0.0	25.6	61
06/04/2024 06:00	3.4	190	11	5.0	0.0	25.6	60
06/04/2024 06:10	3.2	190	11	4.9	0.0	25.7	60
06/04/2024 06:20	3.2	189	11	4.6	0.0	25.6	60
06/04/2024 06:30	3.3	186	11	4.9	0.0	25.6	60
06/04/2024 06:40	3.4	186	10	5.0	0.0	25.6	60
06/04/2024 06:50	3.2	188	11	5.2	0.0	25.6	59
06/04/2024 07:00	2.4	185	15	4.1	0.0	25.7	58
06/04/2024 07:10	2.1	178	16	3.5	0.0	25.8	57
06/04/2024 07:20	1.9	163	45	4.0	0.0	26.2	55
06/04/2024 07:30	1.2	171	69	3.2	0.0	26.5	54
06/04/2024 07:40	1.0	95	31	2.2	0.0	27.4	50
06/04/2024 07:50	1.1	138	33	2.1	0.0	28.1	45
06/04/2024 08:00	1.4	123	28	2.5	0.0	28.3	44
06/04/2024 08:10	2.0	124	18	3.5	0.0	28.2	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/04/2024 08:20	2.7	108	15	4.3	0.0	28.5	42
06/04/2024 08:30	3.4	110	10	4.9	0.0	28.1	43
06/04/2024 08:40	3.4	111	12	5.3	0.0	28.2	43
06/04/2024 08:50	3.5	116	16	5.4	0.0	29.1	38
06/04/2024 09:00	3.7	110	12	5.8	0.0	28.9	39
06/04/2024 09:10	3.4	117	12	5.3	0.0	28.7	42
06/04/2024 09:20	2.6	117	16	4.0	0.0	28.9	41
06/04/2024 09:30	2.9	119	19	4.3	0.0	29.3	40
06/04/2024 09:40	2.5	126	19	4.3	0.0	30.1	36
06/04/2024 09:50	2.5	114	16	4.1	0.0	30.2	37
06/04/2024 10:00	3.3	115	15	5.0	0.0	30.5	34
06/04/2024 10:10	4.1	105	14	6.3	0.0	31.3	29
06/04/2024 10:20	5.5	89	9	7.2	0.0	31.7	23
06/04/2024 10:30	5.2	91	9	7.1	0.0	31.4	24
06/04/2024 10:40	4.9	88	11	6.7	0.0	31.5	24
06/04/2024 10:50	5.0	86	10	7.6	0.0	31.5	26
06/04/2024 11:00	5.1	88	10	7.0	0.0	31.7	28
06/04/2024 11:10	5.1	79	12	7.8	0.0	31.6	28
06/04/2024 11:20	5.4	77	14	7.3	0.0	31.4	28
06/04/2024 11:30	5.4	72	11	7.3	0.0	31.2	30
06/04/2024 11:40	5.3	73	10	6.9	0.0	31.0	31
06/04/2024 11:50	4.6	79	13	7.1	0.0	31.2	32
06/04/2024 12:00	5.2	83	13	7.0	0.0	30.7	34
06/04/2024 12:10	5.4	77	7	7.3	0.0	30.6	34
06/04/2024 12:20	5.5	84	10	7.9	0.0	30.9	34
06/04/2024 12:30	5.0	81	8	6.8	0.0	31.3	34
06/04/2024 12:40	5.5	60	12	7.3	0.0	31.4	33
06/04/2024 12:50	6.5	58	7	8.7	0.0	31.1	33
06/04/2024 13:00	6.1	64	11	8.2	0.0	31.3	32
06/04/2024 13:10	5.8	67	10	7.6	0.0	31.9	31
06/04/2024 13:20	5.9	64	10	7.9	0.0	31.8	31
06/04/2024 13:30	5.3	54	10	7.6	0.0	32.0	31
06/04/2024 13:40	5.9	50	7	8.0	0.0	32.0	28
06/04/2024 13:50	6.3	56	7	8.4	0.0	32.3	26
06/04/2024 14:00	6.5	56	8	8.7	0.0	32.7	23
06/04/2024 14:10	6.0	55	7	8.2	0.0	32.8	23
06/04/2024 14:20	6.6	59	7	8.6	0.0	32.6	24
06/04/2024 14:30	6.7	61	8	8.9	0.0	32.6	25
06/04/2024 14:40	7.1	58	7	9.2	0.0	32.5	24
06/04/2024 14:50	6.4	60	7	8.6	0.0	32.6	25
06/04/2024 15:00	6.7	60	8	9.0	0.0	32.5	27
06/04/2024 15:10	6.8	63	8	9.3	0.0	32.1	30
06/04/2024 15:20	7.0	61	8	9.4	0.0	31.8	32
06/04/2024 15:30	7.2	60	7	9.1	0.0	31.7	34
06/04/2024 15:40	7.6	65	6	9.5	0.0	31.4	37
06/04/2024 15:50	7.3	67	7	9.3	0.0	31.2	37
06/04/2024 16:00	6.4	63	9	9.2	0.0	31.6	35
06/04/2024 16:10	7.0	67	8	9.0	0.0	31.4	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/04/2024 16:20	6.6	61	7	9.0	0.0	31.3	37
06/04/2024 16:30	6.8	66	7	9.0	0.0	31.1	38
06/04/2024 16:40	5.5	66	8	8.0	0.0	31.1	39
06/04/2024 16:50	6.0	69	7	7.8	0.0	30.9	40
06/04/2024 17:00	5.5	57	11	7.7	0.0	31.0	39
06/04/2024 17:10	5.0	45	11	6.7	0.0	31.0	39
06/04/2024 17:20	4.8	45	10	6.8	0.0	31.0	37
06/04/2024 17:30	5.4	57	8	7.2	0.0	30.7	40
06/04/2024 17:40	4.6	55	9	6.3	0.0	30.5	38
06/04/2024 17:50	4.4	55	8	6.3	0.0	30.5	36
06/04/2024 18:00	3.8	48	8	5.2	0.0	30.3	37
06/04/2024 18:10	2.7	37	10	4.0	0.0	30.1	38
06/04/2024 18:20	2.5	43	10	4.0	0.0	29.9	36
06/04/2024 18:30	3.0	45	8	4.4	0.0	29.9	36
06/04/2024 18:40	2.3	40	10	3.7	0.0	29.7	37
06/04/2024 18:50	2.0	54	8	3.2	0.0	29.4	37
06/04/2024 19:00	2.2	61	7	2.9	0.0	28.9	40
06/04/2024 19:10	2.3	63	7	2.8	0.0	28.7	41
06/04/2024 19:20	1.6	53	9	2.4	0.0	28.5	41
06/04/2024 19:30	0.8	40	24	1.8	0.0	28.6	39
06/04/2024 19:40	2.2	19	19	3.4	0.0	29.0	40
06/04/2024 19:50	2.3	347	10	3.0	0.0	29.0	50
06/04/2024 20:00	2.2	183	13	3.0	0.0	28.8	52
06/04/2024 20:10	1.5	56	11	2.2	0.0	28.4	52
06/04/2024 20:20	0.7	52	21	1.1	0.0	28.3	53
06/04/2024 20:30	0.6	297	26	1.0	0.0	28.2	54
06/04/2024 20:40	1.4	269	10	1.7	0.0	28.2	54
06/04/2024 20:50	1.2	250	8	1.6	0.0	28.1	52
06/04/2024 21:00	1.1	270	8	1.4	0.0	28.1	54
06/04/2024 21:10	1.2	251	16	1.7	0.0	27.9	57
06/04/2024 21:20	1.8	298	6	2.2	0.0	27.9	56
06/04/2024 21:30	0.7	235	42	1.1	0.0	27.5	57
06/04/2024 21:40	1.1	218	13	1.7	0.0	27.7	58
06/04/2024 21:50	1.7	260	9	2.1	0.0	27.6	59
06/04/2024 22:00	2.0	281	6	2.3	0.0	27.4	60
06/04/2024 22:10	2.3	276	5	2.7	0.0	27.4	60
06/04/2024 22:20	1.6	258	20	2.2	0.0	27.5	60
06/04/2024 22:30	1.2	271	18	1.8	0.0	27.4	60
06/04/2024 22:40	1.2	223	51	2.1	0.0	27.3	61
06/04/2024 22:50	1.2	297	16	2.2	0.0	27.3	62
06/04/2024 23:00	1.0	261	20	1.7	0.0	27.2	63
06/04/2024 23:10	1.0	249	26	1.8	0.0	27.0	63
06/04/2024 23:20	1.5	230	18	2.5	0.0	27.1	61
06/04/2024 23:30	1.4	234	13	2.2	0.0	27.1	61
06/04/2024 23:40	2.2	230	16	3.7	0.0	27.2	60
06/04/2024 23:50	2.2	228	21	3.9	0.0	27.4	58
07/04/2024 00:00	2.1	223	11	3.2	0.0	27.3	59
07/04/2024 00:10	2.5	223	10	4.0	0.0	27.2	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/04/2024 00:20	2.8	216	14	4.9	0.0	27.1	61
07/04/2024 00:30	4.1	210	13	6.3	0.0	27.2	61
07/04/2024 00:40	4.3	207	9	6.3	0.0	27.2	60
07/04/2024 00:50	4.3	208	10	5.9	0.0	27.3	59
07/04/2024 01:00	3.9	207	9	5.6	0.0	27.2	58
07/04/2024 01:10	3.2	207	10	5.0	0.0	27.2	57
07/04/2024 01:20	2.9	201	10	4.3	0.0	27.0	57
07/04/2024 01:30	2.0	196	13	3.2	0.0	26.9	56
07/04/2024 01:40	1.4	187	14	2.3	0.0	26.8	55
07/04/2024 01:50	1.1	184	20	1.8	0.0	26.8	54
07/04/2024 02:00	1.0	188	26	1.6	0.0	26.8	52
07/04/2024 02:10	2.2	195	14	4.2	0.0	26.7	53
07/04/2024 02:20	2.8	186	10	4.4	0.0	26.5	55
07/04/2024 02:30	2.5	187	9	3.8	0.0	26.3	56
07/04/2024 02:40	2.3	186	13	3.6	0.0	26.2	56
07/04/2024 02:50	2.4	188	11	3.9	0.0	26.1	56
07/04/2024 03:00	2.5	188	11	3.6	0.0	26.2	55
07/04/2024 03:10	2.5	186	10	3.6	0.0	26.3	53
07/04/2024 03:20	2.6	189	10	3.6	0.0	26.3	52
07/04/2024 03:30	2.4	195	9	3.7	0.0	26.1	52
07/04/2024 03:40	1.9	196	8	3.0	0.0	26.1	51
07/04/2024 03:50	2.0	199	10	2.7	0.0	26.2	49
07/04/2024 04:00	2.1	194	9	3.1	0.0	26.3	47
07/04/2024 04:10	2.0	197	9	3.0	0.0	26.3	45
07/04/2024 04:20	2.2	197	8	3.1	0.0	26.2	44
07/04/2024 04:30	2.9	192	8	3.9	0.0	26.1	46
07/04/2024 04:40	2.7	203	10	4.1	0.0	26.0	48
07/04/2024 04:50	2.5	196	11	3.7	0.0	25.9	49
07/04/2024 05:00	2.7	194	10	4.1	0.0	25.8	49
07/04/2024 05:10	2.7	195	11	3.7	0.0	25.8	49
07/04/2024 05:20	2.7	199	11	3.9	0.0	25.8	48
07/04/2024 05:30	2.8	198	12	4.2	0.0	25.9	48
07/04/2024 05:40	2.7	196	9	3.7	0.0	25.7	48
07/04/2024 05:50	2.5	199	14	4.5	0.0	25.8	48
07/04/2024 06:00	3.1	198	11	4.5	0.0	25.9	50
07/04/2024 06:10	2.6	186	13	4.4	0.0	25.8	49
07/04/2024 06:20	2.2	196	12	3.5	0.0	25.5	51
07/04/2024 06:30	1.8	194	16	2.9	0.0	25.5	52
07/04/2024 06:40	2.0	191	15	3.5	0.0	25.5	51
07/04/2024 06:50	2.1	190	14	3.3	0.0	25.5	51
07/04/2024 07:00	1.9	195	14	3.2	0.0	25.5	51
07/04/2024 07:10	2.0	192	16	3.3	0.0	25.7	50
07/04/2024 07:20	1.6	177	24	3.0	0.0	26.0	48
07/04/2024 07:30	1.6	163	22	2.9	0.0	26.4	46
07/04/2024 07:40	1.9	172	25	3.2	0.0	26.5	45
07/04/2024 07:50	1.5	144	43	2.9	0.0	27.2	43
07/04/2024 08:00	1.7	165	33	3.2	0.0	27.2	43
07/04/2024 08:10	1.9	162	25	3.5	0.0	27.6	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/04/2024 08:20	1.9	162	25	3.2	0.0	28.3	39
07/04/2024 08:30	1.8	135	20	3.2	0.0	28.6	38
07/04/2024 08:40	2.0	139	20	3.6	0.0	28.9	37
07/04/2024 08:50	2.5	151	19	4.1	0.0	29.6	34
07/04/2024 09:00	3.0	148	14	5.4	0.0	29.6	34
07/04/2024 09:10	2.9	149	21	4.5	0.0	29.6	35
07/04/2024 09:20	2.9	145	18	4.7	0.0	29.9	33
07/04/2024 09:30	3.3	142	15	5.7	0.0	30.5	29
07/04/2024 09:40	3.3	125	18	5.2	0.0	30.6	31
07/04/2024 09:50	3.4	122	15	5.0	0.0	30.6	33
07/04/2024 10:00	4.1	114	11	5.8	0.0	30.8	32
07/04/2024 10:10	4.6	108	13	6.3	0.0	31.3	29
07/04/2024 10:20	5.7	91	10	8.5	0.0	31.9	27
07/04/2024 10:30	6.2	93	9	8.7	0.0	31.9	25
07/04/2024 10:40	7.1	90	7	9.3	0.0	31.8	24
07/04/2024 10:50	7.1	90	9	9.7	0.0	32.1	24
07/04/2024 11:00	7.0	88	9	9.5	0.0	31.7	26
07/04/2024 11:10	6.9	84	9	9.1	0.0	31.9	24
07/04/2024 11:20	6.8	83	9	9.0	0.0	31.9	24
07/04/2024 11:30	7.1	86	8	9.3	0.0	32.1	24
07/04/2024 11:40	6.9	74	9	9.2	0.0	32.2	25
07/04/2024 11:50	7.4	74	8	9.6	0.0	31.9	24
07/04/2024 12:00	7.4	78	9	9.9	0.0	31.6	26
07/04/2024 12:10	6.5	79	9	8.9	0.0	31.7	26
07/04/2024 12:20	6.4	63	10	9.1	0.0	32.3	26
07/04/2024 12:30	6.6	61	9	9.1	0.0	32.4	25
07/04/2024 12:40	6.7	64	9	9.5	0.0	32.4	24
07/04/2024 12:50	6.4	65	9	9.5	0.0	32.3	25
07/04/2024 13:00	5.9	61	9	8.5	0.0	32.3	26
07/04/2024 13:10	7.0	64	9	9.1	0.0	32.5	24
07/04/2024 13:20	7.4	62	8	9.9	0.0	32.5	24
07/04/2024 13:30	7.7	62	9	10.1	0.0	32.4	23
07/04/2024 13:40	6.8	61	10	9.5	0.0	32.2	27
07/04/2024 13:50	7.1	57	9	10.3	0.0	32.1	28
07/04/2024 14:00	7.7	54	8	10.2	0.0	31.9	28
07/04/2024 14:10	6.8	53	9	8.9	0.0	32.1	27
07/04/2024 14:20	6.9	62	9	9.6	0.0	32.0	27
07/04/2024 14:30	6.7	58	8	9.0	0.0	32.1	26
07/04/2024 14:40	6.4	53	9	8.3	0.0	32.1	30
07/04/2024 14:50	6.5	58	9	8.4	0.0	32.1	29
07/04/2024 15:00	6.6	59	10	9.1	0.0	32.5	28
07/04/2024 15:10	7.1	55	8	9.6	0.0	31.8	30
07/04/2024 15:20	6.8	56	8	9.3	0.0	32.0	28
07/04/2024 15:30	7.0	52	8	9.5	0.0	32.3	25
07/04/2024 15:40	7.1	56	7	9.5	0.0	32.2	26
07/04/2024 15:50	6.7	55	7	8.8	0.0	32.2	25
07/04/2024 16:00	6.9	55	6	9.1	0.0	32.0	24
07/04/2024 16:10	5.7	58	10	8.6	0.0	32.1	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/04/2024 16:20	6.7	55	7	8.9	0.0	31.7	30
07/04/2024 16:30	6.8	53	7	9.1	0.0	31.7	28
07/04/2024 16:40	6.7	52	6	9.0	0.0	31.9	26
07/04/2024 16:50	5.9	56	6	7.9	0.0	31.8	26
07/04/2024 17:00	5.4	56	7	7.0	0.0	31.7	27
07/04/2024 17:10	6.1	59	6	8.2	0.0	31.4	29
07/04/2024 17:20	5.9	59	7	7.7	0.0	31.2	29
07/04/2024 17:30	5.5	56	8	7.5	0.0	31.0	33
07/04/2024 17:40	5.3	59	7	7.2	0.0	30.7	34
07/04/2024 17:50	4.8	59	7	6.5	0.0	30.4	37
07/04/2024 18:00	4.6	62	7	6.5	0.0	30.0	39
07/04/2024 18:10	4.1	66	8	5.5	0.0	29.7	42
07/04/2024 18:20	3.5	66	7	4.7	0.0	29.5	43
07/04/2024 18:30	3.6	65	8	4.9	0.0	29.3	44
07/04/2024 18:40	2.8	66	8	3.8	0.0	29.1	45
07/04/2024 18:50	2.2	68	7	3.0	0.0	28.8	46
07/04/2024 19:00	2.2	76	8	2.9	0.0	28.6	49
07/04/2024 19:10	2.5	65	5	2.9	0.0	28.5	50
07/04/2024 19:20	2.5	62	4	2.8	0.0	28.1	52
07/04/2024 19:30	2.3	62	3	2.7	0.0	27.9	53
07/04/2024 19:40	1.8	57	4	2.3	0.0	27.7	53
07/04/2024 19:50	2.2	54	4	2.6	0.0	27.4	53
07/04/2024 20:00	2.2	55	3	2.5	0.0	27.1	54
07/04/2024 20:10	1.8	57	6	2.3	0.0	27.0	57
07/04/2024 20:20	1.8	57	5	2.2	0.0	27.0	59
07/04/2024 20:30	2.1	60	3	2.5	0.0	26.9	60
07/04/2024 20:40	1.1	166	33	1.7	0.0	26.7	61
07/04/2024 20:50	3.0	258	5	4.2	0.0	27.4	58
07/04/2024 21:00	1.8	260	14	2.7	0.0	27.2	56
07/04/2024 21:10	1.6	244	12	2.4	0.0	27.6	56
07/04/2024 21:20	2.2	266	14	3.3	0.0	27.6	51
07/04/2024 21:30	1.4	205	17	2.0	0.0	27.8	50
07/04/2024 21:40	1.8	226	25	2.9	0.0	27.6	53
07/04/2024 21:50	2.9	227	12	4.2	0.0	28.3	52
07/04/2024 22:00	1.9	211	10	2.7	0.0	28.0	53
07/04/2024 22:10	1.6	244	33	3.2	0.0	27.7	54
07/04/2024 22:20	1.7	261	20	2.8	0.0	27.2	57
07/04/2024 22:30	2.1	256	19	3.5	0.0	27.3	58
07/04/2024 22:40	2.7	260	12	4.2	0.0	27.2	58
07/04/2024 22:50	3.3	250	15	5.3	0.0	27.3	57
07/04/2024 23:00	3.0	237	14	5.1	0.0	27.5	56
07/04/2024 23:10	3.2	249	18	5.1	0.0	27.4	57
07/04/2024 23:20	4.6	240	12	6.8	0.0	28.0	53
07/04/2024 23:30	3.1	249	15	5.0	0.0	27.9	53
07/04/2024 23:40	3.8	243	12	5.8	0.0	27.9	53
07/04/2024 23:50	2.8	269	12	4.1	0.0	27.2	55
08/04/2024 00:00	1.6	249	22	2.8	0.0	26.8	56
08/04/2024 00:10	1.2	234	21	2.6	0.0	26.8	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/04/2024 00:20	2.4	223	17	4.3	0.0	27.4	52
08/04/2024 00:30	2.7	211	11	3.7	0.0	27.6	51
08/04/2024 00:40	2.5	214	12	3.9	0.0	27.4	50
08/04/2024 00:50	2.2	207	13	3.9	0.0	27.2	51
08/04/2024 01:00	2.7	206	12	4.7	0.0	27.1	50
08/04/2024 01:10	3.3	207	9	4.7	0.0	27.1	49
08/04/2024 01:20	3.5	207	10	5.3	0.0	27.2	48
08/04/2024 01:30	3.2	206	10	4.6	0.0	27.3	47
08/04/2024 01:40	3.3	205	9	4.9	0.0	27.1	48
08/04/2024 01:50	3.1	204	9	4.6	0.0	26.9	48
08/04/2024 02:00	3.1	205	10	4.7	0.0	26.9	48
08/04/2024 02:10	2.8	201	12	4.5	0.0	26.8	47
08/04/2024 02:20	2.7	196	11	4.1	0.0	26.6	47
08/04/2024 02:30	3.1	196	9	4.5	0.0	26.3	47
08/04/2024 02:40	2.9	199	11	4.4	0.0	26.3	47
08/04/2024 02:50	3.5	205	11	5.8	0.0	26.6	45
08/04/2024 03:00	3.1	199	10	5.0	0.0	26.4	45
08/04/2024 03:10	2.5	200	11	3.8	0.0	26.2	45
08/04/2024 03:20	2.0	199	13	3.7	0.0	26.2	45
08/04/2024 03:30	2.6	197	11	4.0	0.0	26.1	45
08/04/2024 03:40	2.5	189	11	3.7	0.0	26.2	42
08/04/2024 03:50	2.4	185	14	3.6	0.0	26.3	39
08/04/2024 04:00	1.6	177	18	3.0	0.0	26.4	37
08/04/2024 04:10	2.1	189	11	3.4	0.0	26.1	38
08/04/2024 04:20	2.0	174	15	3.4	0.0	26.3	35
08/04/2024 04:30	2.4	179	14	3.9	0.0	26.5	33
08/04/2024 04:40	2.7	177	9	4.1	0.0	26.8	30
08/04/2024 04:50	2.6	177	8	3.5	0.0	26.9	30
08/04/2024 05:00	1.4	184	16	2.7	0.0	26.3	34
08/04/2024 05:10	1.4	194	20	2.6	0.0	25.8	36
08/04/2024 05:20	1.1	180	24	2.1	0.0	25.9	34
08/04/2024 05:30	1.7	171	15	2.8	0.0	26.3	33
08/04/2024 05:40	1.4	171	14	2.3	0.0	26.6	31
08/04/2024 05:50	1.7	178	15	3.5	0.0	26.9	28
08/04/2024 06:00	1.3	164	26	2.6	0.0	27.0	27
08/04/2024 06:10	1.2	151	29	2.6	0.0	27.6	23
08/04/2024 06:20	1.2	133	42	3.2	0.0	27.5	23
08/04/2024 06:30	2.0	135	15	3.3	0.0	27.7	22
08/04/2024 06:40	2.2	123	20	3.9	0.0	27.7	23
08/04/2024 06:50	2.1	122	21	4.2	0.0	27.4	23
08/04/2024 07:00	1.5	163	30	3.2	0.0	27.4	23
08/04/2024 07:10	1.6	156	23	3.5	0.0	27.3	23
08/04/2024 07:20	2.5	137	22	4.1	0.0	27.5	22
08/04/2024 07:30	1.7	173	20	3.3	0.0	27.3	23
08/04/2024 07:40	1.7	185	19	2.7	0.0	26.5	26
08/04/2024 07:50	1.8	181	16	2.9	0.0	26.4	26
08/04/2024 08:00	1.2	165	25	3.1	0.0	26.6	25
08/04/2024 08:10	2.0	151	26	3.6	0.0	27.6	22



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/04/2024 08:20	2.9	138	18	5.2	0.0	28.5	20
08/04/2024 08:30	3.3	131	18	5.6	0.0	28.9	21
08/04/2024 08:40	3.1	120	16	5.3	0.0	29.1	23
08/04/2024 08:50	3.2	115	14	5.7	0.0	29.0	24
08/04/2024 09:00	2.8	122	16	4.5	0.0	29.4	25
08/04/2024 09:10	2.5	117	23	4.2	0.0	29.6	26
08/04/2024 09:20	1.7	135	21	3.3	0.0	29.7	28
08/04/2024 09:30	2.4	129	16	4.7	0.0	30.5	28
08/04/2024 09:40	2.7	133	19	4.5	0.0	31.5	27
08/04/2024 09:50	3.6	115	15	5.4	0.0	32.0	29
08/04/2024 10:00	4.0	114	14	6.1	0.0	32.2	29
08/04/2024 10:10	5.1	110	10	7.9	0.0	32.1	30
08/04/2024 10:20	5.1	111	11	8.5	0.0	31.9	32
08/04/2024 10:30	4.4	112	10	6.4	0.0	32.3	32
08/04/2024 10:40	6.0	109	10	8.8	0.0	33.0	27
08/04/2024 10:50	5.3	106	12	7.8	0.0	33.5	27
08/04/2024 11:00	5.0	100	12	7.1	0.0	33.7	26
08/04/2024 11:10	4.9	101	11	7.0	0.0	33.3	28
08/04/2024 11:20	4.7	99	12	7.0	0.0	33.1	28
08/04/2024 11:30	5.2	101	13	7.8	0.0	33.3	25
08/04/2024 11:40	4.9	97	12	7.2	0.0	33.5	23
08/04/2024 11:50	6.0	85	7	8.5	0.0	33.3	26
08/04/2024 12:00	5.5	86	9	8.3	0.0	33.7	25
08/04/2024 12:10	6.4	87	9	9.3	0.0	33.6	24
08/04/2024 12:20	6.9	77	8	9.4	0.0	33.5	25
08/04/2024 12:30	7.2	80	8	9.8	0.0	33.3	23
08/04/2024 12:40	7.4	80	10	10.2	0.0	33.4	22
08/04/2024 12:50	7.6	76	7	10.2	0.0	33.6	21
08/04/2024 13:00	7.7	80	11	10.4	0.0	33.2	23
08/04/2024 13:10	8.0	78	10	12.0	0.0	33.2	22
08/04/2024 13:20	8.6	81	8	11.6	0.0	33.5	20
08/04/2024 13:30	8.6	83	8	11.2	0.0	34.2	19
08/04/2024 13:40	8.6	84	7	11.8	0.0	34.7	17
08/04/2024 13:50	7.5	83	8	10.7	0.0	34.7	17
08/04/2024 14:00	6.5	66	9	9.1	0.0	35.2	17
08/04/2024 14:10	7.8	60	7	10.0	0.0	34.5	16
08/04/2024 14:20	7.3	65	8	9.6	0.0	34.5	16
08/04/2024 14:30	7.1	58	7	9.5	0.0	34.6	17
08/04/2024 14:40	6.4	62	9	8.2	0.0	34.7	18
08/04/2024 14:50	5.0	63	9	7.1	0.0	34.2	21
08/04/2024 15:00	4.9	52	8	6.3	0.0	34.0	22
08/04/2024 15:10	5.0	51	7	6.6	0.0	33.2	24
08/04/2024 15:20	5.3	53	8	7.3	0.0	32.9	25
08/04/2024 15:30	6.0	53	7	7.7	0.0	32.8	27
08/04/2024 15:40	5.8	53	7	7.8	0.0	32.8	29
08/04/2024 15:50	5.9	59	8	7.9	0.0	33.2	28
08/04/2024 16:00	5.8	60	9	8.0	0.0	33.2	28
08/04/2024 16:10	6.4	57	8	8.2	0.0	33.0	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/04/2024 16:20	6.2	59	7	7.8	0.0	32.7	29
08/04/2024 16:30	5.7	60	7	7.5	0.0	32.5	31
08/04/2024 16:40	6.3	60	7	8.1	0.0	32.2	33
08/04/2024 16:50	5.7	59	8	7.4	0.0	32.0	35
08/04/2024 17:00	5.8	57	6	7.1	0.0	31.8	37
08/04/2024 17:10	5.0	57	8	6.6	0.0	31.5	38
08/04/2024 17:20	4.5	61	8	6.2	0.0	31.5	39
08/04/2024 17:30	4.1	61	7	5.5	0.0	31.3	41
08/04/2024 17:40	4.0	60	9	5.6	0.0	31.1	44
08/04/2024 17:50	3.9	60	7	5.3	0.0	30.9	46
08/04/2024 18:00	4.0	61	9	5.1	0.0	30.8	48
08/04/2024 18:10	3.9	60	8	5.2	0.0	30.6	49
08/04/2024 18:20	3.6	66	9	4.8	0.0	30.5	50
08/04/2024 18:30	3.6	63	10	5.2	0.0	30.4	51
08/04/2024 18:40	3.8	67	9	5.5	0.0	30.5	51
08/04/2024 18:50	3.5	81	6	4.9	0.0	30.5	53
08/04/2024 19:00	4.2	82	7	5.8	0.0	30.4	55
08/04/2024 19:10	4.6	83	8	6.9	0.0	30.4	55
08/04/2024 19:20	5.5	71	8	7.6	0.0	30.5	53
08/04/2024 19:30	6.4	71	7	9.6	0.0	30.3	56
08/04/2024 19:40	6.2	71	8	9.4	0.0	30.1	58
08/04/2024 19:50	6.4	73	8	9.0	0.0	30.4	54
08/04/2024 20:00	8.7	86	7	13.9	0.0	31.0	38
08/04/2024 20:10	8.0	85	9	12.0	0.0	31.4	32
08/04/2024 20:20	7.8	87	6	11.1	0.0	31.5	35
08/04/2024 20:30	7.9	84	7	11.3	0.0	31.2	40
08/04/2024 20:40	8.3	83	8	12.5	0.0	31.3	37
08/04/2024 20:50	9.1	87	7	12.8	0.0	32.1	28
08/04/2024 21:00	8.9	83	7	12.9	0.0	31.6	34
08/04/2024 21:10	8.3	78	8	11.5	0.0	31.1	42
08/04/2024 21:20	7.4	76	8	10.6	0.0	30.2	56
08/04/2024 21:30	7.3	80	7	10.6	0.0	30.8	42
08/04/2024 21:40	6.3	80	7	8.4	0.0	30.3	53
08/04/2024 21:50	5.2	80	7	7.0	0.0	30.0	56
08/04/2024 22:00	6.2	74	8	9.4	0.0	30.0	52
08/04/2024 22:10	6.2	81	8	8.8	0.0	30.4	46
08/04/2024 22:20	5.6	77	8	8.2	0.0	29.8	60
08/04/2024 22:30	5.9	75	9	8.8	0.0	29.6	60
08/04/2024 22:40	6.5	76	6	8.7	0.0	29.8	51
08/04/2024 22:50	5.7	82	8	8.0	0.0	29.8	52
08/04/2024 23:00	6.0	82	8	8.5	0.0	29.8	53
08/04/2024 23:10	5.9	86	6	8.0	0.0	29.9	50
08/04/2024 23:20	5.9	86	6	8.2	0.0	30.2	44
08/04/2024 23:30	6.4	87	6	8.6	0.0	30.2	44
08/04/2024 23:40	6.4	89	6	8.7	0.0	30.3	42
08/04/2024 23:50	6.0	87	6	7.6	0.0	30.2	44
09/04/2024 00:00	5.7	88	7	7.7	0.0	30.2	44
09/04/2024 00:10	5.1	89	8	7.2	0.0	30.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/04/2024 00:20	4.9	89	7	6.9	0.0	30.1	43
09/04/2024 00:30	5.1	90	8	8.2	0.0	30.2	43
09/04/2024 00:40	5.8	92	9	8.5	0.0	30.4	40
09/04/2024 00:50	7.0	90	6	9.5	0.0	30.5	38
09/04/2024 01:00	6.7	90	7	9.8	0.0	30.4	38
09/04/2024 01:10	6.2	92	9	8.7	0.0	30.6	35
09/04/2024 01:20	5.9	91	7	8.1	0.0	30.5	36
09/04/2024 01:30	5.6	91	7	7.9	0.0	30.3	37
09/04/2024 01:40	5.9	91	8	8.7	0.0	30.2	37
09/04/2024 01:50	6.9	90	6	9.5	0.0	30.4	34
09/04/2024 02:00	6.6	88	6	9.0	0.0	30.1	37
09/04/2024 02:10	6.8	88	7	9.5	0.0	29.9	38
09/04/2024 02:20	7.1	90	7	9.3	0.0	29.8	38
09/04/2024 02:30	7.4	89	6	10.5	0.0	29.7	37
09/04/2024 02:40	7.2	89	7	10.1	0.0	29.7	37
09/04/2024 02:50	7.4	90	8	10.8	0.0	29.6	37
09/04/2024 03:00	8.0	89	6	10.9	0.0	29.6	36
09/04/2024 03:10	7.6	92	8	11.5	0.0	29.5	36
09/04/2024 03:20	7.4	91	8	10.6	0.0	29.5	36
09/04/2024 03:30	8.2	91	6	11.3	0.0	29.3	36
09/04/2024 03:40	7.8	92	8	11.2	0.0	29.2	37
09/04/2024 03:50	7.2	92	8	10.2	0.0	29.1	38
09/04/2024 04:00	6.7	94	8	10.1	0.0	28.9	40
09/04/2024 04:10	6.7	94	9	10.2	0.0	28.9	40
09/04/2024 04:20	5.6	99	10	8.9	0.0	28.7	43
09/04/2024 04:30	5.7	105	12	8.5	0.0	28.6	43
09/04/2024 04:40	5.9	102	11	8.9	0.0	28.6	43
09/04/2024 04:50	5.3	101	10	7.6	0.0	28.5	44
09/04/2024 05:00	5.8	100	11	8.5	0.0	28.4	44
09/04/2024 05:10	5.4	102	12	8.3	0.0	28.3	44
09/04/2024 05:20	5.5	107	12	8.1	0.0	28.2	46
09/04/2024 05:30	5.6	109	10	8.4	0.0	28.0	45
09/04/2024 05:40	5.7	112	9	8.3	0.0	27.9	44
09/04/2024 05:50	5.2	112	11	7.2	0.0	27.7	44
09/04/2024 06:00	4.8	114	13	7.2	0.0	27.3	42
09/04/2024 06:10	5.6	111	10	7.8	0.0	27.3	40
09/04/2024 06:20	5.4	112	9	7.5	0.0	27.2	40
09/04/2024 06:30	4.9	112	11	7.5	0.0	27.2	39
09/04/2024 06:40	5.4	112	11	7.7	0.0	27.4	37
09/04/2024 06:50	5.3	112	11	7.4	0.0	27.5	36
09/04/2024 07:00	5.2	112	8	7.9	0.0	27.3	37
09/04/2024 07:10	5.1	109	11	7.3	0.0	27.4	38
09/04/2024 07:20	4.7	111	10	6.8	0.0	27.5	39
09/04/2024 07:30	4.5	111	12	6.9	0.0	27.7	36
09/04/2024 07:40	4.8	110	10	7.1	0.0	28.0	34
09/04/2024 07:50	5.0	112	9	7.3	0.0	28.0	35
09/04/2024 08:00	4.8	110	10	6.9	0.0	28.3	36
09/04/2024 08:10	4.7	111	12	6.8	0.0	28.5	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/04/2024 08:20	5.4	109	10	8.1	0.0	28.7	34
09/04/2024 08:30	5.4	111	10	7.8	0.0	28.7	35
09/04/2024 08:40	5.5	112	12	7.9	0.0	29.0	35
09/04/2024 08:50	6.5	106	13	10.1	0.0	30.1	30
09/04/2024 09:00	6.9	107	11	10.7	0.0	30.3	30
09/04/2024 09:10	6.9	103	12	11.1	0.0	30.6	29
09/04/2024 09:20	8.4	95	10	12.6	0.0	30.6	27
09/04/2024 09:30	8.5	94	9	12.4	0.0	30.6	29
09/04/2024 09:40	9.3	91	7	13.0	0.0	30.5	29
09/04/2024 09:50	9.2	91	7	12.8	0.0	30.8	29
09/04/2024 10:00	9.0	88	7	13.1	0.0	31.4	29
09/04/2024 10:10	9.0	89	7	14.2	0.0	31.2	30
09/04/2024 10:20	8.2	86	8	11.8	0.0	31.6	29
09/04/2024 10:30	8.0	86	9	10.9	0.0	31.6	30
09/04/2024 10:40	8.1	85	9	11.3	0.0	31.7	31
09/04/2024 10:50	9.2	85	8	12.8	0.0	31.8	31
09/04/2024 11:00	8.9	86	7	11.8	0.0	31.7	31
09/04/2024 11:10	8.7	86	9	13.0	0.0	31.7	32
09/04/2024 11:20	8.7	85	9	13.3	0.0	31.9	33
09/04/2024 11:30	7.9	81	9	12.4	0.0	32.3	32
09/04/2024 11:40	9.0	85	9	12.5	0.0	32.2	31
09/04/2024 11:50	9.1	87	7	13.2	0.0	31.9	32
09/04/2024 12:00	8.4	83	8	11.8	0.0	32.2	32
09/04/2024 12:10	8.7	85	8	11.9	0.0	32.4	33
09/04/2024 12:20	9.7	86	8	14.4	0.0	32.6	32
09/04/2024 12:30	10.6	85	8	15.1	0.0	32.2	34
09/04/2024 12:40	13.5	79	8	18.0	0.0	31.7	32
09/04/2024 12:50	12.3	81	8	16.8	0.0	31.6	33
09/04/2024 13:00	11.6	80	8	16.5	0.0	31.6	34
09/04/2024 13:10	12.2	80	6	16.2	0.0	31.0	36
09/04/2024 13:20	11.5	79	8	16.9	0.0	31.7	33
09/04/2024 13:30	12.8	80	6	16.7	0.0	31.7	33
09/04/2024 13:40	11.4	80	9	16.5	0.0	31.7	36
09/04/2024 13:50	11.1	79	7	14.9	0.0	31.4	38
09/04/2024 14:00	10.5	77	7	14.6	0.0	31.3	38
09/04/2024 14:10	10.4	79	6	14.2	0.0	31.4	39
09/04/2024 14:20	9.4	81	8	12.6	0.0	31.6	39
09/04/2024 14:30	8.4	79	8	12.1	0.0	31.4	39
09/04/2024 14:40	8.5	85	8	12.1	0.0	31.3	38
09/04/2024 14:50	7.3	83	9	10.4	0.0	31.3	40
09/04/2024 15:00	8.2	81	8	12.1	0.0	31.0	41
09/04/2024 15:10	8.1	83	9	11.4	0.0	30.6	41
09/04/2024 15:20	7.6	85	7	11.4	0.0	30.4	42
09/04/2024 15:30	7.3	80	8	10.1	0.0	30.4	42
09/04/2024 15:40	8.3	77	7	12.0	0.0	30.4	41
09/04/2024 15:50	8.4	79	7	11.7	0.0	30.6	40
09/04/2024 16:00	8.4	76	7	11.4	0.0	30.6	41
09/04/2024 16:10	11.3	66	9	16.4	0.0	30.2	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/04/2024 16:20	13.9	67	7	19.3	0.0	30.1	34
09/04/2024 16:30	13.5	70	6	18.5	0.0	30.2	33
09/04/2024 16:40	12.7	77	7	17.9	0.0	30.2	31
09/04/2024 16:50	11.9	80	8	17.4	0.0	29.9	32
09/04/2024 17:00	9.7	92	9	13.8	0.0	30.0	34
09/04/2024 17:10	7.9	89	9	11.6	0.0	29.4	40
09/04/2024 17:20	8.5	95	10	12.3	0.0	28.8	44
09/04/2024 17:30	7.7	103	11	11.9	0.0	29.1	43
09/04/2024 17:40	7.8	111	12	11.9	0.0	29.3	41
09/04/2024 17:50	4.2	138	20	7.2	0.0	28.1	49
09/04/2024 18:00	5.4	143	16	8.6	0.0	27.6	44
09/04/2024 18:10	5.6	142	16	10.1	0.0	27.6	41
09/04/2024 18:20	4.6	143	14	7.9	0.0	27.9	40
09/04/2024 18:30	3.7	120	18	7.4	0.0	27.9	44
09/04/2024 18:40	4.8	108	11	7.6	0.0	27.7	48
09/04/2024 18:50	5.8	109	13	8.6	0.0	28.4	45
09/04/2024 19:00	5.7	110	13	8.2	0.0	28.5	44
09/04/2024 19:10	3.5	112	16	6.3	0.0	28.3	47
09/04/2024 19:20	4.4	110	16	7.3	0.0	28.3	45
09/04/2024 19:30	3.2	126	21	5.9	0.0	28.0	46
09/04/2024 19:40	4.5	141	16	8.7	0.0	27.8	44
09/04/2024 19:50	4.3	141	19	7.5	0.0	27.7	44
09/04/2024 20:00	5.6	142	14	9.3	0.0	28.3	37
09/04/2024 20:10	6.0	143	14	10.8	0.0	28.3	38
09/04/2024 20:20	5.3	148	15	9.0	0.0	28.3	39
09/04/2024 20:30	5.7	145	14	9.2	0.0	28.4	37
09/04/2024 20:40	5.3	144	15	8.8	0.0	28.5	37
09/04/2024 20:50	4.0	138	17	6.4	0.0	28.3	40
09/04/2024 21:00	3.3	139	15	5.8	0.0	28.0	44
09/04/2024 21:10	2.6	127	20	4.5	0.0	27.8	49
09/04/2024 21:20	2.6	126	20	4.9	0.0	28.0	47
09/04/2024 21:30	2.6	125	18	4.7	0.0	27.9	49
09/04/2024 21:40	2.7	135	18	5.0	0.0	28.0	48
09/04/2024 21:50	2.1	124	21	4.5	0.0	28.0	51
09/04/2024 22:00	3.0	118	20	6.0	0.0	28.3	48
09/04/2024 22:10	7.2	109	10	10.3	0.0	29.0	44
09/04/2024 22:20	7.8	107	10	12.3	0.0	29.6	40
09/04/2024 22:30	7.7	107	10	11.8	0.0	29.8	38
09/04/2024 22:40	8.1	105	11	12.9	0.0	29.8	38
09/04/2024 22:50	9.6	103	11	15.4	0.0	30.2	34
09/04/2024 23:00	8.9	105	11	13.4	0.0	29.9	37
09/04/2024 23:10	8.7	103	12	12.4	0.0	29.6	38
09/04/2024 23:20	8.4	104	12	12.7	0.0	29.5	39
09/04/2024 23:30	9.2	94	10	13.7	0.0	29.2	39
09/04/2024 23:40	10.1	84	9	14.5	0.0	28.6	36
09/04/2024 23:50	7.9	104	11	12.2	0.0	28.7	41
10/04/2024 00:00	10.7	95	9	15.2	0.0	28.6	40
10/04/2024 00:10	9.6	107	10	15.6	0.0	28.5	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/04/2024 00:20	10.5	108	10	16.1	0.0	28.4	42
10/04/2024 00:30	6.2	119	17	11.8	0.0	28.1	43
10/04/2024 00:40	6.3	142	17	10.5	0.0	27.6	44
10/04/2024 00:50	7.2	145	16	11.2	0.0	27.2	42
10/04/2024 01:00	7.6	143	14	12.5	0.0	26.8	44
10/04/2024 01:10	7.4	144	15	11.7	0.0	26.5	46
10/04/2024 01:20	6.0	141	18	10.1	0.0	25.9	51
10/04/2024 01:30	4.4	125	24	7.8	0.0	25.4	57
10/04/2024 01:40	5.1	118	19	11.3	0.1	25.0	59
10/04/2024 01:50	6.3	113	14	10.2	0.0	25.2	56
10/04/2024 02:00	8.2	109	13	13.5	0.0	25.4	55
10/04/2024 02:10	9.1	109	10	13.9	0.0	25.8	54
10/04/2024 02:20	8.5	109	10	12.7	0.0	25.5	56
10/04/2024 02:30	7.2	110	11	11.1	0.0	25.3	57
10/04/2024 02:40	5.8	111	14	9.1	0.2	24.8	60
10/04/2024 02:50	6.8	110	11	9.9	0.2	24.7	61
10/04/2024 03:00	8.2	109	11	14.1	0.4	24.5	60
10/04/2024 03:10	7.6	110	13	11.9	0.3	24.1	62
10/04/2024 03:20	7.4	108	12	11.2	0.0	24.2	62
10/04/2024 03:30	5.3	121	16	9.8	0.0	24.4	60
10/04/2024 03:40	4.7	136	19	8.3	0.0	24.3	58
10/04/2024 03:50	4.2	135	14	7.8	0.0	24.3	58
10/04/2024 04:00	4.6	140	17	7.7	0.0	24.2	58
10/04/2024 04:10	4.0	110	15	7.0	0.0	24.3	62
10/04/2024 04:20	6.7	107	10	9.6	0.0	24.6	62
10/04/2024 04:30	7.9	109	11	11.1	0.1	24.8	60
10/04/2024 04:40	8.0	109	10	11.2	0.0	24.9	60
10/04/2024 04:50	8.3	107	12	12.0	0.0	25.3	60
10/04/2024 05:00	9.3	109	10	13.4	0.0	25.3	60
10/04/2024 05:10	8.0	109	10	13.6	0.0	25.2	59
10/04/2024 05:20	5.9	109	13	9.9	0.0	24.9	61
10/04/2024 05:30	8.1	110	10	13.2	0.0	24.8	62
10/04/2024 05:40	9.4	98	10	14.8	0.0	25.3	62
10/04/2024 05:50	11.1	95	8	17.1	0.0	25.6	59
10/04/2024 06:00	10.8	98	10	15.8	0.0	25.7	58
10/04/2024 06:10	9.8	96	11	13.6	0.0	25.6	60
10/04/2024 06:20	13.1	83	7	17.2	0.0	24.6	66
10/04/2024 06:30	13.2	90	7	18.2	0.0	24.1	69
10/04/2024 06:40	13.2	92	8	18.1	0.0	23.7	70
10/04/2024 06:50	12.8	92	9	19.6	0.0	23.6	69
10/04/2024 07:00	11.8	95	8	16.6	0.0	23.7	68
10/04/2024 07:10	12.5	94	9	17.9	0.1	23.9	66
10/04/2024 07:20	12.7	90	8	18.3	0.0	23.2	68
10/04/2024 07:30	12.4	92	8	17.8	0.0	22.6	72
10/04/2024 07:40	11.0	102	12	17.2	0.0	22.7	69
10/04/2024 07:50	12.6	104	12	20.0	0.0	22.6	70
10/04/2024 08:00	13.3	108	10	20.0	0.0	22.3	70
10/04/2024 08:10	11.5	107	11	18.8	0.1	22.3	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/04/2024 08:20	11.7	106	11	18.7	0.1	22.0	74
10/04/2024 08:30	12.0	107	12	19.1	0.1	21.8	75
10/04/2024 08:40	13.2	106	9	20.4	0.0	22.1	73
10/04/2024 08:50	13.4	108	11	19.3	0.0	22.2	72
10/04/2024 09:00	12.5	107	10	18.6	0.0	22.4	71
10/04/2024 09:10	12.0	106	11	18.6	0.0	22.9	69
10/04/2024 09:20	12.1	107	10	18.4	0.0	23.1	67
10/04/2024 09:30	11.0	107	10	16.3	0.0	23.4	67
10/04/2024 09:40	10.4	104	11	15.9	0.0	24.1	64
10/04/2024 09:50	10.6	106	11	15.6	0.0	24.1	63
10/04/2024 10:00	11.1	107	10	16.4	0.0	24.1	62
10/04/2024 10:10	10.1	105	12	15.3	0.0	24.6	60
10/04/2024 10:20	11.1	106	11	16.6	0.0	24.8	58
10/04/2024 10:30	10.2	106	11	15.4	0.1	24.4	63
10/04/2024 10:40	10.2	107	10	13.9	0.0	24.7	60
10/04/2024 10:50	9.8	108	11	15.4	0.0	25.5	57
10/04/2024 11:00	9.9	106	9	16.8	0.0	25.9	54
10/04/2024 11:10	10.9	105	10	16.5	0.0	26.1	53
10/04/2024 11:20	10.4	105	11	15.6	0.0	26.3	51
10/04/2024 11:30	10.8	106	11	16.0	0.0	26.5	50
10/04/2024 11:40	11.0	108	11	17.0	0.0	26.8	48
10/04/2024 11:50	12.2	108	9	20.1	0.0	27.0	46
10/04/2024 12:00	11.4	107	11	18.5	0.0	27.1	46
10/04/2024 12:10	10.3	104	11	14.4	0.0	27.2	47
10/04/2024 12:20	9.6	104	11	18.1	0.0	27.3	47
10/04/2024 12:30	10.4	104	10	16.7	0.0	27.2	48
10/04/2024 12:40	10.1	107	11	14.8	0.0	27.1	47
10/04/2024 12:50	9.7	95	10	14.4	0.0	26.7	49
10/04/2024 13:00	10.2	97	10	14.8	0.1	25.7	54
10/04/2024 13:10	11.2	92	8	17.7	0.1	25.1	57
10/04/2024 13:20	11.8	96	10	19.0	0.1	25.8	55
10/04/2024 13:30	10.0	105	11	17.0	0.0	26.0	55
10/04/2024 13:40	9.6	105	11	15.0	0.0	26.3	53
10/04/2024 13:50	9.8	105	11	15.3	0.0	26.3	55
10/04/2024 14:00	9.9	107	9	14.9	0.0	25.9	56
10/04/2024 14:10	9.9	108	9	15.0	0.0	25.8	55
10/04/2024 14:20	9.8	109	10	14.1	0.0	26.1	54
10/04/2024 14:30	8.3	107	11	11.9	0.1	25.7	57
10/04/2024 14:40	7.3	108	14	11.6	0.0	25.7	57
10/04/2024 14:50	8.7	106	11	13.5	0.0	26.1	55
10/04/2024 15:00	8.4	107	10	12.1	0.0	25.7	59
10/04/2024 15:10	8.9	96	9	13.6	0.1	25.4	60
10/04/2024 15:20	9.4	90	8	15.1	0.2	25.1	60
10/04/2024 15:30	8.9	93	10	12.5	0.1	25.0	61
10/04/2024 15:40	10.3	90	7	14.5	0.2	24.8	62
10/04/2024 15:50	10.0	88	7	14.6	0.2	24.5	62
10/04/2024 16:00	9.5	94	10	13.7	0.1	24.8	62
10/04/2024 16:10	10.1	88	7	13.0	0.0	25.2	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/04/2024 16:20	10.1	89	6	13.8	0.0	25.6	58
10/04/2024 16:30	10.0	90	6	13.8	0.0	26.0	58
10/04/2024 16:40	9.0	88	7	14.8	0.0	26.0	60
10/04/2024 16:50	7.8	85	7	11.6	0.0	26.3	62
10/04/2024 17:00	8.7	83	7	12.5	0.0	26.4	64
10/04/2024 17:10	9.0	85	8	13.6	0.0	26.8	66
10/04/2024 17:20	9.3	85	9	13.6	0.0	27.1	68
10/04/2024 17:30	9.0	80	7	13.0	0.0	27.2	73
10/04/2024 17:40	10.0	80	7	14.9	0.0	27.3	75
10/04/2024 17:50	9.0	79	7	12.7	0.0	27.3	76
10/04/2024 18:00	7.7	82	8	12.2	0.0	27.2	77
10/04/2024 18:10	8.8	83	8	12.8	0.0	27.1	78
10/04/2024 18:20	7.5	85	8	11.1	0.0	27.1	79
10/04/2024 18:30	8.0	79	9	12.1	0.0	27.1	80
10/04/2024 18:40	8.5	80	8	13.0	0.1	26.9	83
10/04/2024 18:50	7.7	75	8	11.2	0.4	26.6	86
10/04/2024 19:00	7.7	77	8	10.3	0.5	26.5	86
10/04/2024 19:10	9.8	81	8	14.5	0.6	26.4	87
10/04/2024 19:20	8.6	71	10	12.8	2.6	25.7	92
10/04/2024 19:30	6.3	39	28	9.5	1.9	25.2	95
10/04/2024 19:40	7.2	40	11	10.8	2.1	25.4	96
10/04/2024 19:50	7.0	36	19	10.9	7.1	25.1	96
10/04/2024 20:00	5.9	53	20	10.7	4.1	24.5	97
10/04/2024 20:10	5.8	56	10	8.6	0.3	24.6	97
10/04/2024 20:20	5.8	48	8	8.0	0.0	25.2	91
10/04/2024 20:30	6.8	49	8	9.4	0.1	25.6	90
10/04/2024 20:40	6.3	45	8	9.7	0.0	25.5	91
10/04/2024 20:50	5.6	61	8	8.1	0.0	25.4	90
10/04/2024 21:00	4.2	57	9	5.8	0.0	25.5	91
10/04/2024 21:10	5.0	64	7	6.9	0.0	25.6	91
10/04/2024 21:20	4.7	60	8	6.9	0.0	25.7	91
10/04/2024 21:30	4.4	61	8	6.2	0.0	25.8	91
10/04/2024 21:40	3.9	63	6	5.3	0.0	25.7	92
10/04/2024 21:50	3.8	62	9	5.3	0.0	25.7	93
10/04/2024 22:00	3.1	58	8	4.4	0.0	25.8	93
10/04/2024 22:10	4.0	59	8	5.3	0.0	26.0	92
10/04/2024 22:20	5.0	60	9	7.0	0.0	26.1	90
10/04/2024 22:30	4.9	55	8	6.9	0.3	25.8	91
10/04/2024 22:40	6.3	55	9	10.0	0.8	25.2	93
10/04/2024 22:50	5.7	57	7	7.5	0.0	25.3	94
10/04/2024 23:00	6.9	61	8	10.5	0.0	25.6	91
10/04/2024 23:10	7.9	62	8	12.2	0.1	25.2	89
10/04/2024 23:20	7.6	65	7	11.3	0.0	25.0	92
10/04/2024 23:30	8.1	58	7	11.0	0.0	25.4	86
10/04/2024 23:40	5.9	60	7	8.5	0.0	25.3	88
10/04/2024 23:50	6.2	65	8	10.3	0.0	25.3	89
11/04/2024 00:00	11.0	59	7	15.8	0.1	24.7	90
11/04/2024 00:10	7.8	61	7	10.8	0.0	24.5	92



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/04/2024 00:20	7.9	57	7	11.5	0.2	24.6	91
11/04/2024 00:30	6.2	52	6	8.4	0.0	24.5	91
11/04/2024 00:40	4.4	49	7	6.8	0.1	24.5	93
11/04/2024 00:50	3.9	61	8	5.4	0.0	24.7	93
11/04/2024 01:00	3.5	58	8	4.8	0.0	25.0	93
11/04/2024 01:10	3.0	40	11	4.2	0.0	25.2	93
11/04/2024 01:20	3.3	36	10	4.7	0.0	25.6	91
11/04/2024 01:30	3.3	39	9	4.9	0.0	25.6	91
11/04/2024 01:40	5.4	40	9	8.3	0.0	25.8	89
11/04/2024 01:50	4.4	37	8	6.3	0.0	25.8	88
11/04/2024 02:00	4.5	10	10	5.7	0.0	25.7	87
11/04/2024 02:10	4.3	26	10	6.4	0.0	25.7	87
11/04/2024 02:20	3.5	28	9	5.7	0.0	25.6	88
11/04/2024 02:30	4.5	28	10	7.2	0.0	25.8	88
11/04/2024 02:40	5.0	24	10	6.9	0.0	25.8	88
11/04/2024 02:50	5.7	21	10	8.4	0.0	26.0	85
11/04/2024 03:00	4.2	31	11	6.1	0.0	25.9	85
11/04/2024 03:10	4.4	24	11	6.3	0.0	25.8	86
11/04/2024 03:20	5.6	18	7	7.6	0.0	26.0	85
11/04/2024 03:30	5.4	21	10	7.4	0.0	26.0	84
11/04/2024 03:40	3.8	35	10	5.9	0.0	25.9	86
11/04/2024 03:50	3.0	63	14	4.9	0.0	25.8	86
11/04/2024 04:00	4.1	114	13	6.0	0.0	25.8	85
11/04/2024 04:10	4.1	100	14	6.4	0.0	26.1	84
11/04/2024 04:20	2.8	41	14	3.7	0.0	25.7	86
11/04/2024 04:30	3.5	45	17	5.9	0.0	26.0	84
11/04/2024 04:40	3.2	43	10	4.1	0.0	26.0	84
11/04/2024 04:50	3.1	81	8	4.0	0.0	25.9	85
11/04/2024 05:00	3.2	88	11	4.7	0.0	26.0	85
11/04/2024 05:10	3.6	81	5	5.4	0.0	26.1	84
11/04/2024 05:20	3.5	80	5	4.7	0.0	26.0	86
11/04/2024 05:30	4.5	91	9	6.9	0.0	25.7	87
11/04/2024 05:40	3.7	92	9	4.9	0.0	25.4	84
11/04/2024 05:50	3.7	81	7	5.2	0.0	25.4	83
11/04/2024 06:00	3.6	61	9	4.9	0.0	25.5	86
11/04/2024 06:10	3.0	61	7	3.8	0.0	25.4	87
11/04/2024 06:20	3.0	65	8	3.8	0.0	25.4	87
11/04/2024 06:30	2.6	56	8	3.5	0.0	25.3	88
11/04/2024 06:40	3.4	80	6	4.7	0.0	25.3	88
11/04/2024 06:50	3.1	62	7	4.7	0.0	25.4	86
11/04/2024 07:00	2.4	62	8	3.4	0.0	25.5	87
11/04/2024 07:10	4.0	75	8	5.8	0.0	26.1	84
11/04/2024 07:20	5.3	75	11	7.6	0.0	26.5	83
11/04/2024 07:30	5.1	81	7	7.3	0.0	25.9	83
11/04/2024 07:40	5.2	80	8	7.2	0.0	25.8	84
11/04/2024 07:50	5.2	77	9	6.8	0.0	26.0	84
11/04/2024 08:00	4.9	76	9	7.3	0.0	25.9	84
11/04/2024 08:10	5.1	82	8	7.6	0.0	26.2	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/04/2024 08:20	6.3	83	7	8.2	0.0	26.4	83
11/04/2024 08:30	5.6	84	7	8.2	0.0	26.5	83
11/04/2024 08:40	5.4	87	7	7.8	0.0	26.6	83
11/04/2024 08:50	5.8	84	8	8.3	0.0	26.4	83
11/04/2024 09:00	5.4	83	8	7.4	0.0	26.8	81
11/04/2024 09:10	5.8	81	8	7.8	0.0	27.0	80
11/04/2024 09:20	5.3	82	7	7.3	0.0	26.9	81
11/04/2024 09:30	4.8	82	8	7.1	0.0	27.2	80
11/04/2024 09:40	5.2	78	7	7.3	0.0	27.4	78
11/04/2024 09:50	5.1	77	10	6.7	0.0	27.4	79
11/04/2024 10:00	4.8	82	9	6.6	0.0	27.6	79
11/04/2024 10:10	4.5	83	12	6.2	0.0	27.9	77
11/04/2024 10:20	5.1	90	9	6.8	0.0	27.5	79
11/04/2024 10:30	5.2	91	10	6.7	0.0	27.0	79
11/04/2024 10:40	3.4	120	18	5.8	0.0	27.1	78
11/04/2024 10:50	3.4	119	13	5.3	0.0	26.5	79
11/04/2024 11:00	4.2	118	13	5.7	0.0	26.7	76
11/04/2024 11:10	4.4	116	12	6.1	0.0	26.7	76
11/04/2024 11:20	3.2	124	16	4.7	0.0	27.5	75
11/04/2024 11:30	3.6	106	15	5.5	0.0	28.4	73
11/04/2024 11:40	5.8	88	8	7.4	0.0	27.5	78
11/04/2024 11:50	5.1	81	8	7.0	0.0	26.7	85
11/04/2024 12:00	5.7	84	7	7.0	0.5	25.9	89
11/04/2024 12:10	6.1	75	7	9.2	1.0	25.4	92
11/04/2024 12:20	2.9	87	21	4.2	0.7	24.8	95
11/04/2024 12:30	1.4	104	48	3.3	0.0	24.9	95
11/04/2024 12:40	1.8	176	19	2.9	0.0	25.3	92
11/04/2024 12:50	2.0	122	21	3.8	0.0	26.0	90
11/04/2024 13:00	2.8	125	15	5.2	0.0	26.4	87
11/04/2024 13:10	3.2	108	13	4.7	0.0	26.7	86
11/04/2024 13:20	3.4	83	9	4.8	0.0	27.2	83
11/04/2024 13:30	4.6	73	10	6.9	0.0	27.7	79
11/04/2024 13:40	4.5	78	8	6.5	0.0	27.2	83
11/04/2024 13:50	4.4	81	7	6.0	0.0	27.2	82
11/04/2024 14:00	4.8	82	6	6.1	0.0	27.5	80
11/04/2024 14:10	4.2	80	8	5.9	0.0	27.8	79
11/04/2024 14:20	4.0	74	9	5.5	0.0	27.9	78
11/04/2024 14:30	3.8	71	10	5.9	0.0	28.3	76
11/04/2024 14:40	4.8	79	7	6.1	0.0	27.7	78
11/04/2024 14:50	4.7	79	6	6.1	0.1	27.4	79
11/04/2024 15:00	3.2	79	10	4.4	0.1	26.8	86
11/04/2024 15:10	3.2	74	7	4.3	0.0	27.1	84
11/04/2024 15:20	3.8	75	7	5.3	0.0	27.3	82
11/04/2024 15:30	4.0	78	7	5.5	0.0	27.3	82
11/04/2024 15:40	4.3	74	8	5.4	0.0	27.3	82
11/04/2024 15:50	4.3	62	7	5.7	0.0	27.4	80
11/04/2024 16:00	3.8	63	8	5.0	0.0	27.5	79
11/04/2024 16:10	3.3	58	7	4.7	0.0	27.4	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/04/2024 16:20	3.8	66	6	5.2	0.0	27.3	82
11/04/2024 16:30	3.6	49	8	4.7	0.0	27.2	83
11/04/2024 16:40	4.2	321	16	6.5	0.3	26.0	90
11/04/2024 16:50	1.9	316	15	3.1	0.0	25.8	91
11/04/2024 17:00	1.0	19	20	1.8	0.1	25.9	89
11/04/2024 17:10	1.1	256	22	1.7	0.0	26.2	88
11/04/2024 17:20	0.9	84	46	1.4	0.0	26.1	90
11/04/2024 17:30	0.6	330	17	1.0	0.0	26.2	90
11/04/2024 17:40	0.9	78	14	1.5	0.0	26.3	89
11/04/2024 17:50	1.4	80	7	1.7	0.0	26.4	89
11/04/2024 18:00	1.2	56	11	1.5	0.0	26.3	90
11/04/2024 18:10	1.6	66	9	2.0	0.0	26.2	90
11/04/2024 18:20	1.3	40	9	1.7	0.0	26.2	90
11/04/2024 18:30	1.3	54	6	1.6	0.0	26.1	91
11/04/2024 18:40	1.5	48	8	2.2	0.0	26.0	91
11/04/2024 18:50	1.1	51	9	1.5	0.0	26.0	90
11/04/2024 19:00	1.3	50	7	1.8	0.0	26.0	90
11/04/2024 19:10	1.1	56	10	1.6	0.0	25.9	91
11/04/2024 19:20	1.5	74	10	2.3	0.0	25.7	92
11/04/2024 19:30	1.7	54	6	2.3	0.0	25.6	92
11/04/2024 19:40	2.1	47	4	2.8	0.0	25.5	92
11/04/2024 19:50	2.9	42	5	3.3	0.0	25.6	91
11/04/2024 20:00	2.8	43	5	3.3	0.0	25.7	92
11/04/2024 20:10	2.2	58	6	2.5	0.0	25.7	92
11/04/2024 20:20	2.7	62	3	3.0	0.0	25.7	91
11/04/2024 20:30	2.7	52	4	3.1	0.0	25.5	92
11/04/2024 20:40	3.0	57	6	3.8	0.0	25.5	92
11/04/2024 20:50	3.2	40	8	4.6	0.0	25.8	88
11/04/2024 21:00	4.1	19	7	5.7	0.0	26.1	85
11/04/2024 21:10	2.9	43	9	4.1	0.0	25.9	84
11/04/2024 21:20	3.1	43	9	4.5	0.0	25.8	83
11/04/2024 21:30	3.4	43	5	3.9	0.0	25.6	86
11/04/2024 21:40	3.3	28	7	4.6	0.0	25.6	85
11/04/2024 21:50	4.2	22	7	5.7	0.0	25.9	86
11/04/2024 22:00	4.0	25	7	5.3	0.0	26.0	86
11/04/2024 22:10	3.8	23	7	4.9	0.0	25.9	87
11/04/2024 22:20	3.8	26	7	5.3	0.0	26.0	88
11/04/2024 22:30	3.1	28	8	4.4	0.0	26.1	88
11/04/2024 22:40	3.2	28	8	4.6	0.0	26.0	88
11/04/2024 22:50	3.7	16	7	5.2	0.0	26.1	89
11/04/2024 23:00	4.7	10	7	6.0	0.0	26.2	89
11/04/2024 23:10	4.4	18	7	5.7	0.0	26.4	88
11/04/2024 23:20	3.5	29	10	5.2	0.0	26.4	88
11/04/2024 23:30	2.4	55	11	3.2	0.0	26.0	90
11/04/2024 23:40	2.9	48	8	4.0	0.0	25.7	92
11/04/2024 23:50	2.6	38	9	4.1	0.0	25.9	91
12/04/2024 00:00	3.1	27	9	4.6	0.0	26.1	90
12/04/2024 00:10	3.0	25	11	4.3	0.0	26.2	89



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/04/2024 00:20	3.5	5	10	5.1	0.0	26.3	88
12/04/2024 00:30	2.6	341	8	3.9	0.0	26.2	88
12/04/2024 00:40	4.2	336	8	5.9	0.0	26.4	87
12/04/2024 00:50	4.2	338	9	5.7	0.0	26.7	86
12/04/2024 01:00	4.1	337	6	5.6	0.0	26.6	86
12/04/2024 01:10	3.5	351	8	4.7	0.0	26.5	86
12/04/2024 01:20	3.4	343	8	4.8	0.0	26.4	87
12/04/2024 01:30	4.0	330	10	5.6	0.0	26.6	87
12/04/2024 01:40	3.2	343	13	5.1	0.0	26.6	86
12/04/2024 01:50	2.9	330	12	5.3	0.0	26.7	86
12/04/2024 02:00	2.3	325	15	3.7	0.0	26.7	86
12/04/2024 02:10	2.6	337	11	4.5	0.0	26.7	86
12/04/2024 02:20	3.2	335	11	4.5	0.0	26.7	86
12/04/2024 02:30	2.4	339	12	3.8	0.0	26.6	87
12/04/2024 02:40	3.0	339	10	4.8	0.0	26.7	85
12/04/2024 02:50	2.2	179	16	3.9	0.0	26.6	87
12/04/2024 03:00	1.9	18	20	3.0	0.0	26.6	87
12/04/2024 03:10	1.6	37	10	2.3	0.0	26.5	87
12/04/2024 03:20	1.6	48	8	2.2	0.0	26.6	87
12/04/2024 03:30	1.6	76	14	2.4	0.0	26.7	86
12/04/2024 03:40	1.8	93	15	2.7	0.0	26.7	86
12/04/2024 03:50	1.5	147	20	2.4	0.0	26.4	88
12/04/2024 04:00	0.7	242	34	1.4	0.0	26.1	90
12/04/2024 04:10	1.2	198	11	1.4	0.0	26.0	92
12/04/2024 04:20	0.6	109	23	1.0	0.0	25.9	92
12/04/2024 04:30	0.9	103	19	1.2	0.0	25.9	91
12/04/2024 04:40	0.9	30	22	1.6	0.0	25.9	92
12/04/2024 04:50	0.7	25	19	1.0	0.0	25.7	93
12/04/2024 05:00	0.7	103	18	1.3	0.0	25.6	93
12/04/2024 05:10	1.8	118	12	2.8	0.0	25.5	93
12/04/2024 05:20	2.1	103	14	3.2	0.0	25.4	94
12/04/2024 05:30	1.8	183	17	2.5	0.0	25.3	95
12/04/2024 05:40	1.2	93	23	1.9	0.0	25.4	95
12/04/2024 05:50	1.8	110	15	2.6	0.0	25.2	95
12/04/2024 06:00	1.0	213	43	1.7	0.0	25.2	95
12/04/2024 06:10	1.1	131	24	2.2	0.0	25.2	95
12/04/2024 06:20	0.4	156	51	0.9	0.0	25.3	94
12/04/2024 06:30	1.4	127	20	2.6	0.0	25.3	94
12/04/2024 06:40	0.8	182	56	1.6	0.0	25.2	95
12/04/2024 06:50	1.8	97	27	3.2	0.0	25.2	95
12/04/2024 07:00	1.6	112	19	2.6	0.0	25.0	95
12/04/2024 07:10	1.1	124	34	2.1	0.0	25.1	95
12/04/2024 07:20	1.1	98	46	1.9	0.0	25.2	95
12/04/2024 07:30	2.3	100	13	3.3	0.0	25.2	95
12/04/2024 07:40	2.4	101	11	3.4	0.0	25.5	94
12/04/2024 07:50	2.3	115	15	3.7	0.0	25.6	93
12/04/2024 08:00	2.2	116	17	3.4	0.0	25.7	92
12/04/2024 08:10	2.6	108	11	4.0	0.0	25.7	92



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/04/2024 08:20	2.7	112	14	4.3	0.0	25.9	91
12/04/2024 08:30	2.4	126	16	3.4	0.0	25.8	92
12/04/2024 08:40	2.5	99	12	3.4	0.0	25.7	92
12/04/2024 08:50	2.2	110	17	3.8	0.0	25.8	93
12/04/2024 09:00	2.5	128	18	4.3	0.0	26.0	91
12/04/2024 09:10	3.6	118	13	5.5	0.0	26.2	91
12/04/2024 09:20	2.9	112	14	4.5	0.0	26.6	89
12/04/2024 09:30	3.5	113	9	5.1	0.0	26.7	88
12/04/2024 09:40	3.5	119	10	4.6	0.0	26.9	86
12/04/2024 09:50	3.1	116	12	4.4	0.0	27.4	83
12/04/2024 10:00	3.6	118	11	4.9	0.0	27.7	82
12/04/2024 10:10	3.5	127	12	4.7	0.0	27.5	84
12/04/2024 10:20	3.6	120	12	5.1	0.0	27.8	81
12/04/2024 10:30	3.2	119	14	5.0	0.0	28.0	79
12/04/2024 10:40	3.9	96	13	5.0	0.0	28.3	77
12/04/2024 10:50	4.2	86	11	5.7	0.0	27.9	80
12/04/2024 11:00	4.1	94	15	5.6	0.0	28.0	79
12/04/2024 11:10	3.7	96	18	5.6	0.0	28.2	77
12/04/2024 11:20	3.2	114	19	4.7	0.0	28.7	74
12/04/2024 11:30	3.3	118	17	4.9	0.0	29.0	72
12/04/2024 11:40	2.9	119	16	4.7	0.0	28.9	71
12/04/2024 11:50	3.0	123	22	4.2	0.0	29.2	70
12/04/2024 12:00	3.2	82	13	5.1	0.0	29.6	65
12/04/2024 12:10	3.3	69	16	5.1	0.0	29.6	67
12/04/2024 12:20	3.9	74	14	5.2	0.0	29.6	69
12/04/2024 12:30	3.8	70	14	6.4	0.0	29.4	69
12/04/2024 12:40	4.1	64	9	5.6	0.0	29.5	67
12/04/2024 12:50	4.3	69	9	5.7	0.0	29.7	66
12/04/2024 13:00	4.6	72	11	6.1	0.0	29.7	67
12/04/2024 13:10	4.4	74	10	6.7	0.0	29.7	67
12/04/2024 13:20	4.4	65	11	6.1	0.0	29.7	67
12/04/2024 13:30	4.6	69	11	6.3	0.0	29.6	68
12/04/2024 13:40	4.6	68	12	6.4	0.0	29.8	68
12/04/2024 13:50	4.8	62	10	6.7	0.0	29.5	69
12/04/2024 14:00	4.6	59	9	6.4	0.0	29.6	69
12/04/2024 14:10	4.7	65	8	6.2	0.0	29.3	70
12/04/2024 14:20	5.0	62	8	6.3	0.0	29.2	71
12/04/2024 14:30	4.2	55	6	5.7	0.0	28.7	72
12/04/2024 14:40	4.1	63	10	5.3	0.0	29.2	70
12/04/2024 14:50	3.3	31	16	5.1	0.0	30.0	67
12/04/2024 15:00	3.8	15	13	5.3	0.0	30.0	64
12/04/2024 15:10	3.9	12	12	5.4	0.0	30.0	63
12/04/2024 15:20	4.0	18	10	5.2	0.0	29.8	64
12/04/2024 15:30	4.0	14	9	5.2	0.0	29.8	65
12/04/2024 15:40	4.0	3	11	5.3	0.0	29.6	66
12/04/2024 15:50	3.5	343	16	5.4	0.0	29.9	65
12/04/2024 16:00	3.4	327	12	5.3	0.0	29.6	66
12/04/2024 16:10	3.4	336	13	4.7	0.0	29.7	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/04/2024 16:20	3.2	344	13	4.3	0.0	29.4	65
12/04/2024 16:30	3.1	166	12	4.1	0.0	29.7	63
12/04/2024 16:40	3.0	327	16	4.5	0.0	29.1	66
12/04/2024 16:50	2.8	328	12	3.7	0.0	29.1	67
12/04/2024 17:00	2.7	342	15	3.9	0.0	29.0	66
12/04/2024 17:10	2.2	342	16	3.2	0.0	29.0	65
12/04/2024 17:20	2.1	180	14	2.9	0.0	29.1	63
12/04/2024 17:30	2.1	31	9	3.0	0.0	29.1	62
12/04/2024 17:40	2.0	34	17	2.7	0.0	28.7	68
12/04/2024 17:50	2.2	180	12	2.9	0.0	28.4	69
12/04/2024 18:00	2.3	340	14	3.1	0.0	28.1	73
12/04/2024 18:10	2.4	337	15	3.7	0.0	28.0	75
12/04/2024 18:20	2.7	334	10	4.3	0.0	27.8	76
12/04/2024 18:30	2.9	316	9	4.2	0.0	27.7	77
12/04/2024 18:40	3.6	318	8	4.8	0.0	27.5	79
12/04/2024 18:50	3.3	323	9	4.4	0.0	27.5	80
12/04/2024 19:00	3.3	343	8	4.4	0.0	27.4	80
12/04/2024 19:10	3.3	346	7	4.9	0.0	27.2	79
12/04/2024 19:20	4.3	337	7	5.5	0.0	27.2	80
12/04/2024 19:30	3.2	337	8	4.5	0.0	27.1	80
12/04/2024 19:40	3.1	346	9	4.6	0.0	27.0	81
12/04/2024 19:50	3.0	350	12	4.7	0.0	27.0	82
12/04/2024 20:00	2.7	346	12	4.2	0.0	26.9	82
12/04/2024 20:10	2.6	184	13	3.7	0.0	26.9	82
12/04/2024 20:20	2.1	19	9	2.9	0.0	26.9	82
12/04/2024 20:30	2.0	21	14	2.9	0.0	26.8	82
12/04/2024 20:40	1.7	21	16	2.5	0.0	26.8	82
12/04/2024 20:50	1.5	345	24	2.5	0.0	26.8	81
12/04/2024 21:00	2.0	328	19	3.0	0.0	26.8	81
12/04/2024 21:10	2.2	322	12	4.0	0.0	26.9	81
12/04/2024 21:20	1.2	331	28	2.2	0.0	26.7	81
12/04/2024 21:30	2.1	320	12	3.4	0.0	26.7	81
12/04/2024 21:40	1.5	329	17	2.6	0.0	26.7	81
12/04/2024 21:50	1.4	340	23	2.5	0.0	26.6	82
12/04/2024 22:00	1.4	338	19	2.5	0.0	26.5	82
12/04/2024 22:10	3.3	314	7	4.8	0.0	26.7	81
12/04/2024 22:20	3.2	309	8	4.4	0.0	26.8	81
12/04/2024 22:30	2.6	301	9	3.8	0.0	26.7	81
12/04/2024 22:40	2.8	308	9	4.1	0.0	26.7	82
12/04/2024 22:50	2.7	291	8	3.9	0.0	26.6	82
12/04/2024 23:00	3.2	288	8	4.5	0.0	26.6	82
12/04/2024 23:10	2.6	284	8	4.2	0.0	26.4	83
12/04/2024 23:20	2.7	280	5	3.4	0.0	26.2	85
12/04/2024 23:30	2.9	286	8	4.5	0.0	26.3	84
12/04/2024 23:40	2.5	283	9	3.6	0.0	26.5	83
12/04/2024 23:50	2.0	277	6	2.6	0.0	26.1	85
13/04/2024 00:00	2.0	275	5	2.4	0.0	26.1	85
13/04/2024 00:10	1.9	260	15	2.4	0.0	26.1	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/04/2024 00:20	1.2	249	22	1.9	0.0	26.1	86
13/04/2024 00:30	0.9	180	30	1.5	0.0	25.7	88
13/04/2024 00:40	0.8	179	21	1.4	0.0	25.6	88
13/04/2024 00:50	2.3	275	7	3.0	0.0	25.6	89
13/04/2024 01:00	2.1	273	7	3.1	0.0	25.8	88
13/04/2024 01:10	1.9	278	5	2.3	0.0	25.7	89
13/04/2024 01:20	1.5	265	9	2.1	0.0	25.7	89
13/04/2024 01:30	0.9	292	16	1.3	0.0	25.5	90
13/04/2024 01:40	1.2	258	9	1.7	0.0	25.3	91
13/04/2024 01:50	0.6	194	13	0.9	0.0	25.4	91
13/04/2024 02:00	0.4	249	43	0.8	0.0	25.3	90
13/04/2024 02:10	0.7	238	21	1.3	0.0	25.2	91
13/04/2024 02:20	0.7	229	23	1.5	0.0	25.3	91
13/04/2024 02:30	0.4	237	54	0.8	0.0	25.4	90
13/04/2024 02:40	0.6	306	31	1.2	0.0	25.3	90
13/04/2024 02:50	1.1	326	14	1.6	0.0	25.1	91
13/04/2024 03:00	0.3	173	70	0.6	0.0	25.2	91
13/04/2024 03:10	0.7	60	19	1.1	0.0	25.2	91
13/04/2024 03:20	0.8	56	11	1.1	0.0	24.9	92
13/04/2024 03:30	1.1	81	33	1.9	0.0	24.8	93
13/04/2024 03:40	1.7	129	13	2.6	0.0	25.2	92
13/04/2024 03:50	1.1	154	14	1.8	0.0	25.2	91
13/04/2024 04:00	0.8	211	26	1.5	0.0	25.1	91
13/04/2024 04:10	0.6	54	49	1.1	0.0	25.1	91
13/04/2024 04:20	0.6	91	30	1.1	0.0	25.0	91
13/04/2024 04:30	0.7	167	21	1.0	0.0	25.2	90
13/04/2024 04:40	0.4	134	40	0.8	0.0	25.1	91
13/04/2024 04:50	0.5	301	41	0.9	0.0	24.9	92
13/04/2024 05:00	0.5	108	62	1.3	0.0	25.0	90
13/04/2024 05:10	0.4	265	41	0.7	0.0	24.8	90
13/04/2024 05:20	0.6	90	35	0.8	0.0	24.8	90
13/04/2024 05:30	1.0	49	7	1.3	0.0	24.7	91
13/04/2024 05:40	0.8	33	19	1.3	0.0	24.6	90
13/04/2024 05:50	0.9	123	54	1.5	0.0	24.4	91
13/04/2024 06:00	0.7	36	35	1.2	0.0	24.3	91
13/04/2024 06:10	1.5	102	24	2.7	0.0	24.4	91
13/04/2024 06:20	1.8	121	15	2.9	0.0	24.7	89
13/04/2024 06:30	1.6	114	11	2.4	0.0	24.7	89
13/04/2024 06:40	1.4	125	23	2.4	0.0	24.8	90
13/04/2024 06:50	1.5	139	17	2.2	0.0	25.0	89
13/04/2024 07:00	1.6	164	17	2.7	0.0	25.0	89
13/04/2024 07:10	1.8	179	21	3.3	0.0	24.9	89
13/04/2024 07:20	1.8	155	18	3.2	0.0	25.3	87
13/04/2024 07:30	2.1	156	17	3.5	0.0	25.5	86
13/04/2024 07:40	2.0	150	19	3.0	0.0	25.7	84
13/04/2024 07:50	2.7	144	14	4.4	0.0	25.7	84
13/04/2024 08:00	2.4	141	14	3.7	0.0	25.7	84
13/04/2024 08:10	2.7	134	14	4.6	0.0	25.9	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/04/2024 08:20	2.4	140	16	4.0	0.0	26.0	82
13/04/2024 08:30	2.5	137	17	4.3	0.0	26.3	81
13/04/2024 08:40	2.6	138	18	3.9	0.0	26.4	80
13/04/2024 08:50	2.5	144	19	4.2	0.0	26.5	80
13/04/2024 09:00	2.6	139	22	4.2	0.0	26.8	78
13/04/2024 09:10	2.5	132	22	4.0	0.0	27.0	78
13/04/2024 09:20	3.0	120	14	4.6	0.0	27.2	77
13/04/2024 09:30	3.1	120	16	4.9	0.0	27.2	76
13/04/2024 09:40	3.3	115	13	5.0	0.0	27.3	75
13/04/2024 09:50	3.2	120	12	5.0	0.0	27.3	75
13/04/2024 10:00	3.5	113	10	4.8	0.0	27.5	74
13/04/2024 10:10	3.4	115	14	5.0	0.0	27.8	73
13/04/2024 10:20	3.2	116	14	4.7	0.0	28.2	71
13/04/2024 10:30	2.9	116	14	4.1	0.0	28.2	71
13/04/2024 10:40	2.8	126	13	4.3	0.0	28.5	68
13/04/2024 10:50	2.8	117	16	4.2	0.0	28.8	67
13/04/2024 11:00	2.4	123	15	3.5	0.0	28.8	66
13/04/2024 11:10	2.4	132	20	4.1	0.0	29.1	64
13/04/2024 11:20	2.7	105	17	4.2	0.0	29.7	62
13/04/2024 11:30	2.7	113	18	3.7	0.0	29.8	61
13/04/2024 11:40	2.4	109	25	3.9	0.0	30.0	60
13/04/2024 11:50	2.1	169	39	3.3	0.0	29.4	61
13/04/2024 12:00	1.8	349	20	3.1	0.0	30.2	60
13/04/2024 12:10	2.4	321	16	3.5	0.0	30.0	61
13/04/2024 12:20	2.0	329	22	3.2	0.0	29.9	61
13/04/2024 12:30	1.4	248	40	2.7	0.0	30.0	57
13/04/2024 12:40	1.8	97	28	3.0	0.0	30.8	52
13/04/2024 12:50	1.1	149	49	3.0	0.0	30.8	53
13/04/2024 13:00	2.4	301	37	4.4	0.0	30.8	56
13/04/2024 13:10	2.5	264	16	4.1	0.0	30.4	55
13/04/2024 13:20	1.9	288	40	3.8	0.0	30.6	54
13/04/2024 13:30	2.7	271	11	4.7	0.0	30.6	52
13/04/2024 13:40	3.4	287	17	5.3	0.0	30.9	49
13/04/2024 13:50	3.4	287	11	5.2	0.0	30.9	48
13/04/2024 14:00	3.1	286	12	4.8	0.0	31.0	47
13/04/2024 14:10	3.8	280	12	5.4	0.0	31.0	48
13/04/2024 14:20	3.5	289	13	5.4	0.0	31.2	49
13/04/2024 14:30	4.2	278	10	5.6	0.0	31.0	48
13/04/2024 14:40	3.6	289	11	5.2	0.0	31.1	50
13/04/2024 14:50	3.7	291	14	5.7	0.0	31.3	51
13/04/2024 15:00	4.1	300	11	5.6	0.0	31.0	52
13/04/2024 15:10	3.6	319	19	5.5	0.0	30.8	54
13/04/2024 15:20	3.8	334	17	5.7	0.0	30.4	56
13/04/2024 15:30	3.7	307	14	5.5	0.0	30.5	55
13/04/2024 15:40	3.2	301	23	4.6	0.0	30.6	54
13/04/2024 15:50	3.7	334	12	5.4	0.0	30.2	56
13/04/2024 16:00	2.9	318	19	4.6	0.0	30.6	56
13/04/2024 16:10	3.6	332	11	5.1	0.0	30.3	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/04/2024 16:20	3.7	321	9	5.1	0.0	30.0	57
13/04/2024 16:30	4.0	332	9	5.4	0.0	30.0	57
13/04/2024 16:40	4.1	329	8	5.5	0.0	29.7	58
13/04/2024 16:50	3.8	322	10	4.9	0.0	29.7	57
13/04/2024 17:00	3.6	313	9	5.1	0.0	29.8	57
13/04/2024 17:10	4.0	319	8	5.1	0.0	29.5	58
13/04/2024 17:20	3.6	313	11	5.2	0.0	29.5	59
13/04/2024 17:30	4.0	316	11	5.3	0.0	29.3	59
13/04/2024 17:40	4.0	314	10	5.2	0.0	29.1	61
13/04/2024 17:50	4.0	313	7	5.9	0.0	28.8	63
13/04/2024 18:00	4.1	316	8	6.1	0.0	28.5	66
13/04/2024 18:10	3.5	318	11	5.1	0.0	28.4	66
13/04/2024 18:20	3.4	329	8	4.4	0.0	28.4	65
13/04/2024 18:30	2.6	325	10	3.8	0.0	28.3	67
13/04/2024 18:40	1.8	326	13	3.1	0.0	28.1	68
13/04/2024 18:50	1.0	347	26	1.8	0.0	28.0	70
13/04/2024 19:00	0.8	276	51	2.1	0.0	27.9	68
13/04/2024 19:10	2.5	279	9	3.5	0.0	27.9	71
13/04/2024 19:20	2.2	290	9	3.1	0.0	27.7	72
13/04/2024 19:30	2.3	270	10	3.2	0.0	27.7	72
13/04/2024 19:40	2.2	264	11	3.2	0.0	27.7	73
13/04/2024 19:50	2.4	269	9	3.6	0.0	27.6	75
13/04/2024 20:00	2.3	270	10	3.2	0.0	27.5	76
13/04/2024 20:10	2.5	270	10	3.4	0.0	27.4	76
13/04/2024 20:20	2.6	279	8	3.6	0.0	27.3	76
13/04/2024 20:30	3.3	286	7	4.2	0.0	27.3	77
13/04/2024 20:40	3.2	277	7	4.3	0.0	27.2	78
13/04/2024 20:50	2.2	269	8	3.1	0.0	27.1	79
13/04/2024 21:00	2.6	279	6	3.7	0.0	27.0	80
13/04/2024 21:10	2.5	286	7	3.4	0.0	26.8	81
13/04/2024 21:20	2.9	280	7	4.2	0.0	26.8	80
13/04/2024 21:30	3.6	281	7	5.2	0.0	26.9	79
13/04/2024 21:40	4.2	275	5	5.3	0.0	27.0	79
13/04/2024 21:50	4.1	276	6	5.5	0.0	27.0	80
13/04/2024 22:00	4.3	275	4	5.2	0.0	26.9	80
13/04/2024 22:10	4.2	274	5	5.3	0.0	26.9	81
13/04/2024 22:20	4.3	271	6	5.2	0.0	26.9	81
13/04/2024 22:30	4.5	265	6	6.0	0.0	26.9	79
13/04/2024 22:40	4.5	269	6	5.9	0.0	27.0	79
13/04/2024 22:50	3.7	263	6	5.2	0.0	26.8	81
13/04/2024 23:00	4.2	264	6	5.3	0.0	26.7	81
13/04/2024 23:10	4.3	264	6	5.5	0.0	26.8	81
13/04/2024 23:20	3.9	260	7	5.2	0.0	26.7	82
13/04/2024 23:30	3.4	258	7	4.7	0.0	26.5	84
13/04/2024 23:40	3.6	253	6	4.6	0.0	26.3	85
13/04/2024 23:50	3.5	261	5	4.3	0.0	26.1	86
14/04/2024 00:00	3.9	255	7	5.2	0.0	26.2	86
14/04/2024 00:10	4.0	257	6	5.0	0.0	26.1	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/04/2024 00:20	3.6	259	8	5.1	0.0	26.0	87
14/04/2024 00:30	3.5	259	4	4.4	0.0	25.8	88
14/04/2024 00:40	3.9	259	7	5.1	0.0	25.9	87
14/04/2024 00:50	3.9	258	7	5.9	0.0	26.0	87
14/04/2024 01:00	3.6	259	6	4.7	0.0	25.8	88
14/04/2024 01:10	3.2	259	6	4.0	0.0	25.8	88
14/04/2024 01:20	3.4	259	5	4.0	0.0	25.9	88
14/04/2024 01:30	3.3	258	6	4.2	0.0	26.0	88
14/04/2024 01:40	3.8	259	5	4.9	0.0	26.1	88
14/04/2024 01:50	3.7	259	6	4.9	0.0	26.1	88
14/04/2024 02:00	3.7	260	6	4.7	0.0	25.9	89
14/04/2024 02:10	3.6	261	6	4.6	0.0	25.8	90
14/04/2024 02:20	2.8	257	9	4.1	0.0	25.7	90
14/04/2024 02:30	2.9	250	12	4.4	0.0	25.8	90
14/04/2024 02:40	3.4	244	12	4.9	0.0	25.8	90
14/04/2024 02:50	3.6	239	12	5.2	0.0	26.0	88
14/04/2024 03:00	3.6	254	11	5.3	0.0	25.7	89
14/04/2024 03:10	3.4	254	10	4.3	0.0	25.4	90
14/04/2024 03:20	3.6	251	12	5.4	0.0	25.5	88
14/04/2024 03:30	3.5	255	10	5.3	0.0	25.5	86
14/04/2024 03:40	3.9	253	11	5.6	0.0	25.5	84
14/04/2024 03:50	3.8	255	11	5.7	0.0	25.6	83
14/04/2024 04:00	3.4	256	10	4.7	0.0	25.5	83
14/04/2024 04:10	3.7	261	11	4.8	0.0	25.4	83
14/04/2024 04:20	3.9	260	9	5.3	0.0	25.4	83
14/04/2024 04:30	4.0	256	10	5.8	0.0	25.5	82
14/04/2024 04:40	4.0	253	12	6.1	0.0	25.5	82
14/04/2024 04:50	4.1	253	11	5.7	0.0	25.4	82
14/04/2024 05:00	3.8	255	10	5.6	0.0	25.5	81
14/04/2024 05:10	3.4	257	9	4.5	0.0	25.3	83
14/04/2024 05:20	3.5	258	11	4.8	0.0	25.2	83
14/04/2024 05:30	3.1	252	12	4.3	0.0	25.4	82
14/04/2024 05:40	2.8	260	9	4.0	0.0	25.3	82
14/04/2024 05:50	2.2	258	12	3.4	0.0	25.2	83
14/04/2024 06:00	2.1	246	17	3.3	0.0	25.3	82
14/04/2024 06:10	1.1	240	24	2.4	0.0	25.1	83
14/04/2024 06:20	1.1	217	24	2.1	0.0	25.0	83
14/04/2024 06:30	0.9	219	14	1.7	0.0	24.9	84
14/04/2024 06:40	0.8	224	24	1.5	0.0	24.8	84
14/04/2024 06:50	1.6	218	14	2.7	0.0	25.1	82
14/04/2024 07:00	1.3	210	15	2.4	0.0	25.2	82
14/04/2024 07:10	1.3	227	21	2.2	0.0	25.4	81
14/04/2024 07:20	1.2	233	19	2.4	0.0	25.6	81
14/04/2024 07:30	1.3	221	13	2.0	0.0	25.8	79
14/04/2024 07:40	1.4	222	18	2.2	0.0	26.0	79
14/04/2024 07:50	1.4	238	18	2.3	0.0	26.2	78
14/04/2024 08:00	1.2	221	21	1.9	0.0	26.4	77
14/04/2024 08:10	1.1	222	29	2.1	0.0	26.7	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/04/2024 08:20	1.4	215	25	2.7	0.0	27.1	70
14/04/2024 08:30	1.6	211	20	2.6	0.0	27.4	67
14/04/2024 08:40	1.9	201	25	2.9	0.0	27.7	65
14/04/2024 08:50	1.7	207	35	3.1	0.0	28.0	63
14/04/2024 09:00	1.3	226	42	2.6	0.0	28.4	61
14/04/2024 09:10	1.9	252	23	3.3	0.0	28.6	60
14/04/2024 09:20	1.9	248	15	3.0	0.0	28.6	60
14/04/2024 09:30	1.9	271	17	2.8	0.0	28.9	58
14/04/2024 09:40	1.9	285	23	2.9	0.0	29.3	55
14/04/2024 09:50	1.8	294	19	3.3	0.0	29.5	55
14/04/2024 10:00	1.4	278	20	2.3	0.0	29.9	54
14/04/2024 10:10	1.2	172	27	1.9	0.0	30.4	52
14/04/2024 10:20	1.6	194	30	2.6	0.0	30.7	55
14/04/2024 10:30	1.7	201	31	3.6	0.0	30.3	58
14/04/2024 10:40	3.1	340	12	4.3	0.0	29.7	62
14/04/2024 10:50	2.6	347	26	4.3	0.0	30.0	59
14/04/2024 11:00	3.2	327	11	4.4	0.0	30.1	58
14/04/2024 11:10	3.2	332	17	4.9	0.0	30.3	58
14/04/2024 11:20	3.4	327	17	4.8	0.0	30.2	58
14/04/2024 11:30	2.6	335	24	4.1	0.0	30.4	56
14/04/2024 11:40	3.0	313	10	4.5	0.0	30.7	54
14/04/2024 11:50	2.1	344	25	3.4	0.0	31.1	53
14/04/2024 12:00	3.0	326	15	4.3	0.0	31.2	52
14/04/2024 12:10	3.2	161	18	4.5	0.0	31.0	52
14/04/2024 12:20	3.7	327	16	5.2	0.0	30.8	53
14/04/2024 12:30	3.8	332	14	5.0	0.0	31.2	52
14/04/2024 12:40	3.5	334	15	5.2	0.0	31.0	52
14/04/2024 12:50	3.8	335	15	5.5	0.0	31.1	53
14/04/2024 13:00	4.5	175	12	5.8	0.0	31.0	53
14/04/2024 13:10	4.2	186	14	7.4	0.0	30.9	54
14/04/2024 13:20	4.3	8	17	5.7	0.0	31.0	54
14/04/2024 13:30	3.8	16	11	5.3	0.0	30.9	53
14/04/2024 13:40	3.9	5	14	5.8	0.0	30.9	54
14/04/2024 13:50	4.5	347	11	6.4	0.0	30.7	54
14/04/2024 14:00	3.7	337	11	5.3	0.0	30.7	54
14/04/2024 14:10	3.6	333	14	5.4	0.0	30.7	54
14/04/2024 14:20	4.0	339	13	5.4	0.0	30.8	54
14/04/2024 14:30	4.4	337	11	6.0	0.0	30.4	54
14/04/2024 14:40	4.3	320	14	5.8	0.0	30.5	55
14/04/2024 14:50	4.6	330	9	6.0	0.0	30.2	57
14/04/2024 15:00	4.6	322	12	6.3	0.0	30.0	57
14/04/2024 15:10	4.4	326	9	6.0	0.0	30.0	59
14/04/2024 15:20	4.4	332	11	6.2	0.0	29.7	61
14/04/2024 15:30	4.1	323	15	5.6	0.0	30.0	60
14/04/2024 15:40	4.1	319	14	6.1	0.0	30.1	58
14/04/2024 15:50	4.6	328	13	5.9	0.0	30.0	58
14/04/2024 16:00	5.2	323	8	6.6	0.0	29.9	58
14/04/2024 16:10	5.0	327	7	6.8	0.0	29.5	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/04/2024 16:20	5.3	321	7	6.8	0.0	29.5	62
14/04/2024 16:30	5.2	323	7	6.5	0.0	29.5	62
14/04/2024 16:40	5.4	320	7	7.0	0.0	29.3	63
14/04/2024 16:50	5.1	323	8	6.4	0.0	29.2	64
14/04/2024 17:00	4.4	323	12	6.1	0.0	29.2	65
14/04/2024 17:10	4.3	321	11	6.3	0.0	29.2	66
14/04/2024 17:20	4.6	322	9	6.0	0.0	28.9	66
14/04/2024 17:30	4.0	316	13	5.8	0.0	29.0	65
14/04/2024 17:40	4.4	317	10	6.2	0.0	28.9	66
14/04/2024 17:50	4.3	316	11	6.2	0.0	28.7	67
14/04/2024 18:00	4.4	310	9	6.3	0.0	28.5	68
14/04/2024 18:10	3.9	305	9	5.3	0.0	28.4	70
14/04/2024 18:20	4.0	308	9	6.1	0.0	28.3	70
14/04/2024 18:30	3.5	305	11	5.1	0.0	28.2	71
14/04/2024 18:40	3.8	300	10	4.9	0.0	28.2	72
14/04/2024 18:50	4.3	301	10	5.7	0.0	28.1	72
14/04/2024 19:00	4.4	308	8	6.0	0.0	28.0	72
14/04/2024 19:10	4.2	305	8	5.4	0.0	28.0	72
14/04/2024 19:20	4.3	310	8	6.0	0.0	28.0	72
14/04/2024 19:30	4.5	309	8	6.0	0.0	28.0	72
14/04/2024 19:40	4.7	313	8	6.4	0.0	28.0	73
14/04/2024 19:50	3.7	310	8	5.1	0.0	27.9	75
14/04/2024 20:00	3.3	309	9	4.6	0.0	27.8	75
14/04/2024 20:10	4.1	311	8	5.7	0.0	27.8	75
14/04/2024 20:20	3.9	311	8	5.2	0.0	27.8	75
14/04/2024 20:30	3.9	308	8	5.5	0.0	27.7	76
14/04/2024 20:40	3.5	302	9	4.9	0.0	27.7	75
14/04/2024 20:50	3.5	302	8	5.4	0.0	27.6	76
14/04/2024 21:00	3.3	298	8	4.6	0.0	27.6	76
14/04/2024 21:10	3.6	295	8	5.1	0.0	27.6	77
14/04/2024 21:20	3.5	298	7	5.0	0.0	27.5	77
14/04/2024 21:30	3.1	298	7	4.7	0.0	27.5	77
14/04/2024 21:40	3.4	299	8	4.6	0.0	27.5	77
14/04/2024 21:50	3.5	294	7	4.4	0.0	27.4	77
14/04/2024 22:00	3.0	296	7	4.5	0.0	27.4	76
14/04/2024 22:10	3.1	297	6	4.2	0.0	27.3	77
14/04/2024 22:20	2.8	298	9	4.6	0.0	27.3	77
14/04/2024 22:30	3.1	303	8	4.4	0.0	27.3	78
14/04/2024 22:40	3.0	303	8	4.0	0.0	27.3	79
14/04/2024 22:50	3.0	300	8	4.2	0.0	27.2	80
14/04/2024 23:00	2.7	301	9	4.0	0.0	27.1	80
14/04/2024 23:10	2.5	302	7	3.6	0.0	27.1	81
14/04/2024 23:20	2.7	300	10	3.9	0.0	27.0	81
14/04/2024 23:30	3.1	293	7	4.1	0.0	27.1	81
14/04/2024 23:40	2.5	295	9	3.4	0.0	27.0	82
14/04/2024 23:50	2.6	296	9	3.9	0.0	27.0	82
15/04/2024 00:00	2.9	296	12	4.7	0.0	27.0	82
15/04/2024 00:10	3.0	291	9	4.2	0.0	27.0	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/04/2024 00:20	3.1	293	10	4.6	0.0	26.9	81
15/04/2024 00:30	2.8	291	7	4.0	0.0	26.9	81
15/04/2024 00:40	2.6	295	7	3.5	0.0	26.7	83
15/04/2024 00:50	2.4	278	11	3.7	0.0	26.6	83
15/04/2024 01:00	3.4	271	8	4.9	0.0	26.6	83
15/04/2024 01:10	3.2	266	7	4.1	0.0	26.7	82
15/04/2024 01:20	3.4	265	6	4.5	0.0	26.6	83
15/04/2024 01:30	3.3	265	7	4.1	0.0	26.5	83
15/04/2024 01:40	3.4	274	6	4.4	0.0	26.5	82
15/04/2024 01:50	3.4	273	7	4.5	0.0	26.5	82
15/04/2024 02:00	3.1	268	7	4.1	0.0	26.5	83
15/04/2024 02:10	3.2	271	5	4.2	0.0	26.4	84
15/04/2024 02:20	3.1	272	6	3.8	0.0	26.4	84
15/04/2024 02:30	3.2	275	5	4.1	0.0	26.3	83
15/04/2024 02:40	3.0	276	6	4.3	0.0	26.3	83
15/04/2024 02:50	3.2	278	5	4.1	0.0	26.3	83
15/04/2024 03:00	3.2	276	6	4.0	0.0	26.3	82
15/04/2024 03:10	3.2	274	5	4.1	0.0	26.2	82
15/04/2024 03:20	3.2	271	5	3.9	0.0	26.2	83
15/04/2024 03:30	3.3	272	5	4.1	0.0	26.1	83
15/04/2024 03:40	3.4	276	7	4.4	0.0	26.1	83
15/04/2024 03:50	2.9	279	9	3.9	0.0	26.2	82
15/04/2024 04:00	2.6	277	6	3.6	0.0	26.0	83
15/04/2024 04:10	2.4	274	7	3.3	0.0	25.9	84
15/04/2024 04:20	2.1	277	7	2.7	0.0	25.9	84
15/04/2024 04:30	1.4	297	10	2.1	0.0	25.8	84
15/04/2024 04:40	1.4	302	6	1.8	0.0	25.8	84
15/04/2024 04:50	1.2	309	7	1.7	0.0	25.9	84
15/04/2024 05:00	1.2	300	6	1.6	0.0	25.9	85
15/04/2024 05:10	1.5	291	9	2.0	0.0	25.9	84
15/04/2024 05:20	1.3	301	6	1.7	0.0	26.0	84
15/04/2024 05:30	1.7	302	7	2.3	0.0	26.0	84
15/04/2024 05:40	1.8	301	7	2.7	0.0	26.1	84
15/04/2024 05:50	1.2	277	17	2.0	0.0	25.9	85
15/04/2024 06:00	1.1	198	13	1.6	0.0	25.1	88
15/04/2024 06:10	0.8	207	45	1.6	0.0	25.4	87
15/04/2024 06:20	0.4	189	58	0.7	0.0	25.3	88
15/04/2024 06:30	0.7	56	17	1.0	0.0	25.1	88
15/04/2024 06:40	0.9	33	16	1.2	0.0	25.4	87
15/04/2024 06:50	0.9	11	12	1.1	0.0	25.5	87
15/04/2024 07:00	0.9	89	13	1.3	0.0	25.8	86
15/04/2024 07:10	0.5	61	56	1.0	0.0	26.2	84
15/04/2024 07:20	0.3	268	73	0.5	0.0	26.5	84
15/04/2024 07:30	0.4	79	58	0.7	0.0	26.7	83
15/04/2024 07:40	1.0	66	14	1.4	0.0	27.1	81
15/04/2024 07:50	1.1	85	11	1.7	0.0	27.5	79
15/04/2024 08:00	0.8	51	35	1.7	0.0	27.5	79
15/04/2024 08:10	0.5	73	49	1.4	0.0	28.0	77



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/04/2024 08:20	0.7	327	71	2.1	0.0	28.3	75
15/04/2024 08:30	1.8	93	13	2.6	0.0	28.0	78
15/04/2024 08:40	2.3	92	12	3.3	0.0	28.0	79
15/04/2024 08:50	2.3	84	9	3.0	0.0	27.7	80
15/04/2024 09:00	1.8	83	13	2.6	0.0	27.9	79
15/04/2024 09:10	1.9	85	28	4.0	0.0	27.9	79
15/04/2024 09:20	2.5	104	16	3.8	0.0	27.5	82
15/04/2024 09:30	2.2	106	13	3.4	0.0	27.3	82
15/04/2024 09:40	2.3	96	15	3.2	0.0	27.4	81
15/04/2024 09:50	2.1	85	13	3.0	0.0	28.3	77
15/04/2024 10:00	1.7	61	25	3.3	0.0	28.1	76
15/04/2024 10:10	1.2	94	37	2.5	0.0	28.0	77
15/04/2024 10:20	2.3	89	16	3.4	0.0	28.4	76
15/04/2024 10:30	2.5	110	18	3.5	0.0	28.6	76
15/04/2024 10:40	2.3	103	20	3.8	0.0	28.6	75
15/04/2024 10:50	1.9	82	28	3.4	0.0	28.5	75
15/04/2024 11:00	1.2	56	51	2.6	0.0	29.1	72
15/04/2024 11:10	2.3	61	19	3.7	0.0	29.2	71
15/04/2024 11:20	1.3	29	39	2.7	0.0	30.2	64
15/04/2024 11:30	1.6	63	52	2.9	0.0	30.7	63
15/04/2024 11:40	1.8	171	28	3.3	0.0	30.7	55
15/04/2024 11:50	2.4	14	26	3.8	0.0	31.5	44
15/04/2024 12:00	2.9	333	13	4.3	0.0	31.6	39
15/04/2024 12:10	3.1	324	11	5.0	0.0	31.4	37
15/04/2024 12:20	2.6	331	19	4.1	0.0	31.5	39
15/04/2024 12:30	2.6	332	18	4.5	0.0	31.7	38
15/04/2024 12:40	3.2	342	10	4.3	0.0	31.5	36
15/04/2024 12:50	3.0	334	17	5.5	0.0	31.6	38
15/04/2024 13:00	3.4	342	17	5.4	0.0	31.8	39
15/04/2024 13:10	3.5	177	16	5.1	0.0	31.6	39
15/04/2024 13:20	3.4	354	16	4.9	0.0	31.5	38
15/04/2024 13:30	3.5	337	11	5.1	0.0	31.4	39
15/04/2024 13:40	3.6	341	11	5.4	0.0	31.3	43
15/04/2024 13:50	3.0	330	17	5.5	0.0	31.5	45
15/04/2024 14:00	3.8	342	9	5.1	0.0	31.0	47
15/04/2024 14:10	4.0	341	14	5.4	0.0	31.0	49
15/04/2024 14:20	3.7	327	11	5.3	0.0	31.0	49
15/04/2024 14:30	3.8	330	14	5.3	0.0	30.8	50
15/04/2024 14:40	4.2	344	15	6.1	0.0	30.9	50
15/04/2024 14:50	4.0	337	11	5.4	0.0	30.6	52
15/04/2024 15:00	4.0	325	14	5.5	0.0	30.5	52
15/04/2024 15:10	4.2	334	14	6.1	0.0	30.5	53
15/04/2024 15:20	4.1	337	11	5.5	0.0	30.4	54
15/04/2024 15:30	4.0	333	13	5.4	0.0	30.5	52
15/04/2024 15:40	3.9	328	10	5.0	0.0	30.4	52
15/04/2024 15:50	3.9	327	10	5.4	0.0	30.4	52
15/04/2024 16:00	3.8	321	11	5.6	0.0	30.3	52
15/04/2024 16:10	3.5	326	13	5.1	0.0	30.5	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/04/2024 16:20	3.1	319	17	4.5	0.0	30.5	52
15/04/2024 16:30	3.5	328	13	5.0	0.0	30.2	52
15/04/2024 16:40	3.5	320	12	4.7	0.0	30.1	53
15/04/2024 16:50	3.0	317	13	4.5	0.0	29.9	55
15/04/2024 17:00	2.8	312	19	4.1	0.0	29.9	56
15/04/2024 17:10	3.2	312	10	5.1	0.0	29.8	55
15/04/2024 17:20	3.2	304	10	4.7	0.0	29.6	56
15/04/2024 17:30	3.8	317	6	5.1	0.0	29.3	58
15/04/2024 17:40	3.6	312	10	4.8	0.0	29.1	60
15/04/2024 17:50	4.0	307	7	5.1	0.0	28.9	60
15/04/2024 18:00	4.2	304	7	5.3	0.0	28.8	60
15/04/2024 18:10	4.0	310	7	5.2	0.0	28.7	61
15/04/2024 18:20	4.3	317	5	5.2	0.0	28.6	62
15/04/2024 18:30	4.5	319	4	5.5	0.0	28.6	62
15/04/2024 18:40	4.1	317	6	5.1	0.0	28.5	63
15/04/2024 18:50	3.7	308	7	5.1	0.0	28.4	64
15/04/2024 19:00	3.9	305	7	5.0	0.0	28.3	66
15/04/2024 19:10	3.3	303	9	4.8	0.0	28.2	66
15/04/2024 19:20	3.3	299	9	4.5	0.0	28.2	67
15/04/2024 19:30	3.0	305	7	4.2	0.0	28.0	68
15/04/2024 19:40	2.0	291	10	2.8	0.0	28.0	69
15/04/2024 19:50	2.4	283	8	3.4	0.0	27.9	70
15/04/2024 20:00	2.4	287	7	3.2	0.0	27.8	71
15/04/2024 20:10	2.1	286	8	3.0	0.0	27.8	71
15/04/2024 20:20	2.1	280	7	2.7	0.0	27.7	72
15/04/2024 20:30	1.9	273	8	2.4	0.0	27.7	73
15/04/2024 20:40	1.6	278	7	2.0	0.0	27.5	74
15/04/2024 20:50	2.0	289	6	2.6	0.0	27.4	74
15/04/2024 21:00	2.3	300	5	2.6	0.0	27.4	74
15/04/2024 21:10	2.0	288	5	2.4	0.0	27.4	75
15/04/2024 21:20	2.0	285	4	2.3	0.0	27.2	76
15/04/2024 21:30	2.4	285	2	2.6	0.0	27.1	76
15/04/2024 21:40	2.9	289	4	3.4	0.0	27.1	76
15/04/2024 21:50	3.2	288	4	3.8	0.0	27.1	76
15/04/2024 22:00	3.2	289	6	4.1	0.0	27.2	75
15/04/2024 22:10	2.8	282	6	3.5	0.0	27.2	75
15/04/2024 22:20	2.8	281	5	3.6	0.0	27.0	77
15/04/2024 22:30	3.4	287	4	4.0	0.0	27.0	77
15/04/2024 22:40	3.4	289	3	4.0	0.0	27.0	77
15/04/2024 22:50	3.1	288	3	3.8	0.0	26.9	78
15/04/2024 23:00	3.0	279	5	3.7	0.0	26.9	78
15/04/2024 23:10	2.6	271	7	4.0	0.0	26.9	78
15/04/2024 23:20	2.6	273	7	3.6	0.0	26.9	78
15/04/2024 23:30	2.1	273	7	2.7	0.0	26.8	79
15/04/2024 23:40	2.4	279	5	3.0	0.0	26.6	80
15/04/2024 23:50	2.2	281	7	2.7	0.0	26.5	80
16/04/2024 00:00	1.9	281	8	2.7	0.0	26.5	80
16/04/2024 00:10	2.4	286	6	2.9	0.0	26.5	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/04/2024 00:20	2.9	285	5	3.7	0.0	26.5	79
16/04/2024 00:30	3.3	284	4	3.9	0.0	26.6	79
16/04/2024 00:40	3.9	288	4	4.5	0.0	26.6	78
16/04/2024 00:50	3.9	286	4	4.6	0.0	26.7	78
16/04/2024 01:00	3.4	287	4	4.1	0.0	26.7	78
16/04/2024 01:10	2.5	292	4	3.0	0.0	26.5	79
16/04/2024 01:20	2.0	294	7	2.5	0.0	26.4	80
16/04/2024 01:30	2.1	285	10	3.4	0.0	26.3	80
16/04/2024 01:40	2.6	275	8	3.5	0.0	26.4	80
16/04/2024 01:50	2.8	283	6	4.0	0.0	26.4	80
16/04/2024 02:00	2.6	288	8	3.6	0.0	26.5	79
16/04/2024 02:10	2.7	285	7	3.5	0.0	26.5	77
16/04/2024 02:20	3.0	278	7	4.1	0.0	26.5	78
16/04/2024 02:30	2.8	279	7	3.8	0.0	26.5	79
16/04/2024 02:40	2.3	281	7	3.3	0.0	26.4	80
16/04/2024 02:50	3.0	273	7	4.2	0.0	26.5	80
16/04/2024 03:00	3.2	267	6	4.1	0.0	26.7	79
16/04/2024 03:10	3.7	262	7	5.0	0.0	26.7	79
16/04/2024 03:20	3.4	260	5	4.0	0.0	26.5	79
16/04/2024 03:30	3.3	258	5	4.3	0.0	26.5	78
16/04/2024 03:40	3.9	254	5	4.9	0.0	26.1	80
16/04/2024 03:50	3.2	254	8	4.1	0.0	26.2	80
16/04/2024 04:00	3.6	262	7	4.4	0.0	26.0	80
16/04/2024 04:10	3.5	264	6	4.4	0.0	25.8	80
16/04/2024 04:20	3.3	262	8	4.6	0.0	25.7	82
16/04/2024 04:30	3.3	263	7	4.2	0.0	25.6	83
16/04/2024 04:40	3.2	267	5	4.1	0.0	25.4	84
16/04/2024 04:50	3.1	267	4	3.7	0.0	25.3	85
16/04/2024 05:00	3.0	262	5	3.8	0.0	25.2	86
16/04/2024 05:10	3.1	259	9	4.1	0.0	25.2	86
16/04/2024 05:20	3.5	259	10	5.3	0.0	25.4	84
16/04/2024 05:30	3.3	256	14	4.9	0.0	25.5	85
16/04/2024 05:40	3.4	252	13	5.2	0.0	25.5	85
16/04/2024 05:50	3.6	250	13	5.4	0.0	25.7	84
16/04/2024 06:00	3.3	249	12	4.8	0.0	25.7	85
16/04/2024 06:10	3.0	247	14	4.7	0.0	25.6	85
16/04/2024 06:20	3.3	247	10	4.9	0.0	25.8	84
16/04/2024 06:30	1.6	229	18	2.8	0.0	25.8	85
16/04/2024 06:40	2.6	259	10	3.9	0.0	25.7	86
16/04/2024 06:50	3.5	260	10	4.6	0.0	25.7	85
16/04/2024 07:00	3.4	260	8	4.5	0.0	25.8	85
16/04/2024 07:10	3.2	251	11	4.9	0.0	26.0	84
16/04/2024 07:20	3.7	246	10	5.2	0.0	26.1	82
16/04/2024 07:30	3.4	245	12	5.3	0.0	26.3	81
16/04/2024 07:40	4.0	242	11	5.5	0.0	26.5	80
16/04/2024 07:50	3.9	237	9	5.3	0.0	26.7	80
16/04/2024 08:00	4.3	242	10	5.9	0.0	26.9	79
16/04/2024 08:10	4.8	240	8	6.6	0.0	27.1	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/04/2024 08:20	4.1	238	8	5.5	0.0	27.3	77
16/04/2024 08:30	4.2	242	10	6.0	0.0	27.6	75
16/04/2024 08:40	4.6	230	8	5.9	0.0	27.6	75
16/04/2024 08:50	4.4	238	12	6.3	0.0	27.9	74
16/04/2024 09:00	5.0	231	8	6.4	0.0	27.9	74
16/04/2024 09:10	4.2	234	9	5.9	0.0	28.2	72
16/04/2024 09:20	4.5	237	8	6.0	0.0	28.4	70
16/04/2024 09:30	3.6	236	12	5.4	0.0	28.9	68
16/04/2024 09:40	4.1	234	13	5.9	0.0	29.3	66
16/04/2024 09:50	3.6	228	20	5.0	0.0	29.6	64
16/04/2024 10:00	4.2	243	14	6.0	0.0	29.9	63
16/04/2024 10:10	4.0	243	12	5.7	0.0	30.3	60
16/04/2024 10:20	4.7	238	12	6.7	0.0	30.2	58
16/04/2024 10:30	4.3	236	10	5.9	0.0	30.6	57
16/04/2024 10:40	3.7	231	21	6.0	0.0	31.2	54
16/04/2024 10:50	3.5	241	21	5.5	0.0	31.6	52
16/04/2024 11:00	3.9	279	14	5.3	0.0	31.4	54
16/04/2024 11:10	4.5	277	9	6.3	0.0	31.6	53
16/04/2024 11:20	5.0	272	8	6.4	0.0	31.7	51
16/04/2024 11:30	5.3	279	9	6.7	0.0	31.8	50
16/04/2024 11:40	4.9	282	12	6.4	0.0	31.9	49
16/04/2024 11:50	4.6	284	9	6.3	0.0	31.9	49
16/04/2024 12:00	4.6	277	11	6.0	0.0	32.2	49
16/04/2024 12:10	4.5	276	10	6.2	0.0	32.1	48
16/04/2024 12:20	4.7	281	10	6.2	0.0	32.4	48
16/04/2024 12:30	4.9	284	10	6.2	0.0	32.2	48
16/04/2024 12:40	4.9	273	8	6.4	0.0	32.3	48
16/04/2024 12:50	4.8	275	7	6.2	0.0	32.2	48
16/04/2024 13:00	4.9	277	8	6.4	0.0	32.4	47
16/04/2024 13:10	4.9	278	8	6.3	0.0	32.7	46
16/04/2024 13:20	4.8	272	9	6.2	0.0	32.6	47
16/04/2024 13:30	4.4	282	9	5.6	0.0	32.7	46
16/04/2024 13:40	4.7	274	9	6.6	0.0	32.8	46
16/04/2024 13:50	4.8	276	8	5.9	0.0	32.9	45
16/04/2024 14:00	5.2	277	9	6.7	0.0	33.0	43
16/04/2024 14:10	5.5	281	7	6.6	0.0	32.8	44
16/04/2024 14:20	5.4	280	10	6.7	0.0	32.7	45
16/04/2024 14:30	5.6	281	6	6.5	0.0	32.4	47
16/04/2024 14:40	5.7	279	6	6.8	0.0	32.3	45
16/04/2024 14:50	5.5	277	7	6.9	0.0	32.4	45
16/04/2024 15:00	5.7	278	6	6.8	0.0	32.0	46
16/04/2024 15:10	5.4	275	7	6.8	0.0	32.2	46
16/04/2024 15:20	5.8	278	5	7.1	0.0	31.8	48
16/04/2024 15:30	5.6	281	7	7.0	0.0	31.7	51
16/04/2024 15:40	5.4	279	7	6.7	0.0	31.6	52
16/04/2024 15:50	5.2	283	6	6.5	0.0	31.5	54
16/04/2024 16:00	5.0	279	8	6.2	0.0	31.6	54
16/04/2024 16:10	5.0	275	9	6.3	0.0	31.4	54



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/04/2024 16:20	5.1	283	6	6.3	0.0	31.4	54
16/04/2024 16:30	5.2	281	5	6.8	0.0	31.2	55
16/04/2024 16:40	5.1	280	6	6.4	0.0	31.1	55
16/04/2024 16:50	4.9	276	7	6.3	0.0	31.2	54
16/04/2024 17:00	4.7	278	7	6.3	0.0	31.1	54
16/04/2024 17:10	4.5	282	7	5.7	0.0	31.0	55
16/04/2024 17:20	4.9	281	6	6.3	0.0	30.6	56
16/04/2024 17:30	5.5	278	5	6.6	0.0	30.4	56
16/04/2024 17:40	4.9	273	5	6.6	0.0	30.3	55
16/04/2024 17:50	5.4	275	7	7.2	0.0	30.0	57
16/04/2024 18:00	5.0	276	7	7.0	0.0	29.8	58
16/04/2024 18:10	5.2	276	7	6.5	0.0	29.7	60
16/04/2024 18:20	5.0	276	6	6.3	0.0	29.5	60
16/04/2024 18:30	5.0	275	5	6.1	0.0	29.5	61
16/04/2024 18:40	4.6	272	6	5.5	0.0	29.4	63
16/04/2024 18:50	4.2	276	7	5.7	0.0	29.2	65
16/04/2024 19:00	4.4	281	6	5.6	0.0	29.0	67
16/04/2024 19:10	4.4	285	6	5.5	0.0	28.9	69
16/04/2024 19:20	4.8	284	5	6.3	0.0	28.8	68
16/04/2024 19:30	5.2	282	5	6.4	0.0	28.8	68
16/04/2024 19:40	5.0	280	5	6.2	0.0	28.7	69
16/04/2024 19:50	5.0	279	5	6.4	0.0	28.7	70
16/04/2024 20:00	4.7	277	5	5.7	0.0	28.6	71
16/04/2024 20:10	4.5	277	5	5.6	0.0	28.6	72
16/04/2024 20:20	4.4	279	6	5.2	0.0	28.5	73
16/04/2024 20:30	4.4	280	6	5.8	0.0	28.4	72
16/04/2024 20:40	4.7	281	5	6.6	0.0	28.5	73
16/04/2024 20:50	4.3	282	5	5.6	0.0	28.4	75
16/04/2024 21:00	4.1	280	6	5.0	0.0	28.3	76
16/04/2024 21:10	4.2	285	6	5.6	0.0	28.2	75
16/04/2024 21:20	4.3	284	6	5.5	0.0	28.2	74
16/04/2024 21:30	4.4	282	5	5.4	0.0	28.3	73
16/04/2024 21:40	4.9	283	5	6.3	0.0	28.3	73
16/04/2024 21:50	5.0	284	5	6.5	0.0	28.3	73
16/04/2024 22:00	4.7	282	5	5.9	0.0	28.3	73
16/04/2024 22:10	4.6	278	6	5.8	0.0	28.3	73
16/04/2024 22:20	4.0	270	7	5.3	0.0	28.1	75
16/04/2024 22:30	2.8	259	8	3.8	0.0	28.1	76
16/04/2024 22:40	2.3	260	7	3.0	0.0	28.1	76
16/04/2024 22:50	1.9	271	7	2.5	0.0	27.8	78
16/04/2024 23:00	1.7	269	7	2.3	0.0	27.5	79
16/04/2024 23:10	2.4	272	5	2.9	0.0	27.5	79
16/04/2024 23:20	2.8	267	5	3.7	0.0	27.4	80
16/04/2024 23:30	2.7	268	6	3.5	0.0	27.5	79
16/04/2024 23:40	2.9	267	5	3.7	0.0	27.5	78
16/04/2024 23:50	2.4	261	8	3.0	0.0	27.5	77
17/04/2024 00:00	2.0	264	5	2.5	0.0	27.3	79
17/04/2024 00:10	1.6	260	5	1.8	0.0	27.1	81



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/04/2024 00:20	2.3	254	5	2.9	0.0	27.1	81
17/04/2024 00:30	2.4	253	6	3.2	0.0	27.2	80
17/04/2024 00:40	2.4	257	7	3.4	0.0	27.3	79
17/04/2024 00:50	2.1	262	9	3.0	0.0	27.0	80
17/04/2024 01:00	1.7	263	12	2.7	0.0	26.5	82
17/04/2024 01:10	2.4	252	8	3.3	0.0	26.6	81
17/04/2024 01:20	3.0	254	6	3.9	0.0	26.8	80
17/04/2024 01:30	2.3	255	8	3.0	0.0	26.9	79
17/04/2024 01:40	2.7	258	7	3.6	0.0	27.0	76
17/04/2024 01:50	3.4	269	3	4.0	0.0	26.9	77
17/04/2024 02:00	3.7	270	3	4.3	0.0	26.8	77
17/04/2024 02:10	3.7	264	4	4.3	0.0	26.8	76
17/04/2024 02:20	3.3	271	5	3.8	0.0	26.9	75
17/04/2024 02:30	3.9	272	4	4.5	0.0	26.8	74
17/04/2024 02:40	3.7	267	5	4.3	0.0	26.8	74
17/04/2024 02:50	3.4	265	5	4.3	0.0	26.8	73
17/04/2024 03:00	3.1	271	4	3.7	0.0	26.7	73
17/04/2024 03:10	3.2	269	4	4.1	0.0	26.7	70
17/04/2024 03:20	3.0	268	4	3.6	0.0	26.8	70
17/04/2024 03:30	2.6	269	4	3.1	0.0	26.6	72
17/04/2024 03:40	2.8	272	5	3.3	0.0	26.4	73
17/04/2024 03:50	2.6	266	6	3.2	0.0	26.5	73
17/04/2024 04:00	2.7	271	5	3.4	0.0	26.5	73
17/04/2024 04:10	3.2	276	5	3.8	0.0	26.8	70
17/04/2024 04:20	3.3	278	7	4.0	0.0	27.0	68
17/04/2024 04:30	3.0	283	6	3.7	0.0	27.2	67
17/04/2024 04:40	2.6	287	9	3.8	0.0	27.3	64
17/04/2024 04:50	2.4	288	11	3.7	0.0	27.3	63
17/04/2024 05:00	2.2	277	12	3.0	0.0	27.5	62
17/04/2024 05:10	1.8	269	8	2.4	0.0	27.5	62
17/04/2024 05:20	1.8	249	11	2.5	0.0	27.3	63
17/04/2024 05:30	1.9	256	10	2.8	0.0	27.3	64
17/04/2024 05:40	2.2	261	8	2.8	0.0	27.2	64
17/04/2024 05:50	2.6	269	9	3.4	0.0	27.3	62
17/04/2024 06:00	2.1	282	11	3.1	0.0	27.4	61
17/04/2024 06:10	2.1	285	9	2.8	0.0	27.1	63
17/04/2024 06:20	2.1	276	7	2.6	0.0	26.9	63
17/04/2024 06:30	1.6	276	8	2.0	0.0	26.8	64
17/04/2024 06:40	1.4	279	10	1.8	0.0	26.6	65
17/04/2024 06:50	1.2	282	17	1.7	0.0	26.9	63
17/04/2024 07:00	1.2	267	17	1.9	0.0	27.3	60
17/04/2024 07:10	0.7	248	31	1.5	0.0	27.7	59
17/04/2024 07:20	0.5	201	30	1.0	0.0	28.2	57
17/04/2024 07:30	0.6	195	70	1.1	0.0	28.9	54
17/04/2024 07:40	0.8	71	46	1.3	0.0	29.5	52
17/04/2024 07:50	1.9	175	22	3.8	0.0	29.5	50
17/04/2024 08:00	2.0	174	18	3.2	0.0	29.4	50
17/04/2024 08:10	1.5	162	31	2.9	0.0	29.8	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/04/2024 08:20	1.5	151	20	2.3	0.0	30.3	48
17/04/2024 08:30	2.0	144	18	3.4	0.0	30.7	46
17/04/2024 08:40	2.6	145	19	5.0	0.0	30.8	46
17/04/2024 08:50	2.6	145	15	4.0	0.0	30.9	46
17/04/2024 09:00	2.5	141	17	4.2	0.0	31.1	45
17/04/2024 09:10	2.2	136	18	3.7	0.0	31.2	45
17/04/2024 09:20	1.7	128	26	2.9	0.0	32.1	45
17/04/2024 09:30	2.1	120	21	3.7	0.0	32.4	44
17/04/2024 09:40	2.4	123	16	3.9	0.0	32.2	44
17/04/2024 09:50	2.2	127	19	3.6	0.0	32.3	43
17/04/2024 10:00	2.3	123	15	3.4	0.0	32.5	42
17/04/2024 10:10	2.3	119	20	3.7	0.0	32.9	41
17/04/2024 10:20	2.7	105	16	3.8	0.0	33.2	39
17/04/2024 10:30	3.0	99	15	4.6	0.0	33.6	38
17/04/2024 10:40	4.7	79	12	6.4	0.0	33.3	39
17/04/2024 10:50	4.6	68	10	6.3	0.0	32.8	43
17/04/2024 11:00	5.5	62	9	8.3	0.0	32.7	43
17/04/2024 11:10	6.2	63	8	8.4	0.0	32.7	44
17/04/2024 11:20	6.4	62	10	9.3		32.4	45
17/04/2024 11:30	7.3	60	8	9.5	0.0	32.3	44
17/04/2024 11:40	6.9	59	7	8.9	0.0	32.5	44
17/04/2024 11:50	6.8	64	8	9.3	0.0	32.2	46
17/04/2024 12:00	6.7	64	10	8.8		32.3	44
17/04/2024 12:10	7.6	63	7	10.2		32.3	41
17/04/2024 12:20	7.3	67	9	9.9	0.0	32.3	40
17/04/2024 12:30	7.4	60	7	9.8	0.0	31.9	44
17/04/2024 12:40	7.0	58	9	9.4	0.0	32.0	45
17/04/2024 12:50	6.7	57	10	9.7	0.0	32.1	45
17/04/2024 13:00	6.8	55	10	9.6	0.0	32.1	44
17/04/2024 13:10	7.2	68	9	10.1	0.0	32.2	41
17/04/2024 13:20	6.8	64	12	10.2	0.0	32.3	41
17/04/2024 13:30	6.0	62	9	8.6	0.0	32.5	42
17/04/2024 13:40	8.5	67	8	11.6	0.0	32.1	41
17/04/2024 13:50	7.9	64	8	11.0	0.0	32.1	41
17/04/2024 14:00	8.4	67	7	11.5	0.0	31.9	43
17/04/2024 14:10	8.5	68	7	10.4	0.0	31.7	46
17/04/2024 14:20	8.5	63	7	11.7	0.0	31.7	47
17/04/2024 14:30	6.8	61	9	9.7	0.0	32.1	47
17/04/2024 14:40	8.1	57	7	10.9	0.0	31.8	48
17/04/2024 14:50	8.1	62	8	10.6	0.0	31.2	50
17/04/2024 15:00	7.9	60	8	10.8	0.0	31.5	46
17/04/2024 15:10	8.6	60	8	11.5	0.0	31.8	40
17/04/2024 15:20	7.8	60	6	10.6	0.0	32.1	38
17/04/2024 15:30	6.4	64	8	8.7	0.0	32.4	38
17/04/2024 15:40	6.3	63	7	8.4	0.0	32.5	38
17/04/2024 15:50	5.6	64	7	7.1	0.0	32.9	34
17/04/2024 16:00	5.1	65	7	6.8	0.0	33.4	32
17/04/2024 16:10	5.4	62	8	7.2	0.0	33.3	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/04/2024 16:20	5.4	64	7	7.4	0.0	33.4	30
17/04/2024 16:30	4.9	58	9	6.8	0.0	33.2	31
17/04/2024 16:40	4.5	46	9	6.2	0.0	33.3	27
17/04/2024 16:50	4.6	42	9	6.4	0.0	33.4	22
17/04/2024 17:00	4.1	34	10	6.0	0.0	33.3	24
17/04/2024 17:10	4.6	18	9	6.4	0.0	32.9	27
17/04/2024 17:20	5.2	16	8	6.8	0.0	32.6	24
17/04/2024 17:30	5.4	18	9	7.3	0.0	32.4	22
17/04/2024 17:40	5.9	20	8	7.7	0.0	32.2	22
17/04/2024 17:50	5.6	20	7	7.2	0.0	31.8	24
17/04/2024 18:00	5.1	19	8	6.7	0.0	31.4	27
17/04/2024 18:10	5.4	20	7	6.9	0.0	31.1	30
17/04/2024 18:20	5.0	17	7	6.5	0.0	30.8	33
17/04/2024 18:30	4.8	13	7	5.9	0.0	30.8	34
17/04/2024 18:40	4.4	14	8	6.3	0.0	30.6	34
17/04/2024 18:50	4.3	11	8	6.2	0.0	30.5	34
17/04/2024 19:00	4.0	182	9	5.5	0.0	30.3	35
17/04/2024 19:10	3.3	350	9	5.2	0.0	30.1	36
17/04/2024 19:20	3.3	350	11	4.8	0.0	29.9	38
17/04/2024 19:30	4.0	2	9	5.8	0.0	29.7	38
17/04/2024 19:40	4.0	177	9	5.7	0.0	29.7	38
17/04/2024 19:50	3.2	179	10	4.5	0.0	29.6	39
17/04/2024 20:00	2.8	23	23	5.0	0.0	29.4	41
17/04/2024 20:10	2.2	184	18	4.3	0.0	29.3	39
17/04/2024 20:20	1.9	182	21	3.2	0.0	29.1	41
17/04/2024 20:30	1.4	266	35	2.4	0.0	28.9	41
17/04/2024 20:40	0.9	214	47	1.6	0.0	28.7	41
17/04/2024 20:50	0.6	302	71	1.2	0.0	29.0	37
17/04/2024 21:00	1.4	197	14	2.2	0.0	29.1	37
17/04/2024 21:10	0.6	232	35	1.4	0.0	28.6	40
17/04/2024 21:20	1.0	254	11	1.4	0.0	28.5	39
17/04/2024 21:30	0.7	261	9	1.2	0.0	28.4	40
17/04/2024 21:40	0.9	261	13	1.2	0.0	28.3	44
17/04/2024 21:50	0.6	262	15	1.0	0.0	28.1	46
17/04/2024 22:00	0.5	254	22	0.7	0.0	28.0	47
17/04/2024 22:10	0.3	135	35	0.6	0.0	27.2	51
17/04/2024 22:20	0.4	64	16	0.6	0.0	27.0	53
17/04/2024 22:30	0.3	81	14	0.5	0.0	26.8	55
17/04/2024 22:40	0.6	212	16	0.8	0.0	26.5	59
17/04/2024 22:50	0.6	237	61	1.4	0.0	26.4	56
17/04/2024 23:00	2.0	193	17	2.8	0.0	26.6	54
17/04/2024 23:10	1.2	142	58	1.9	0.0	26.7	53
17/04/2024 23:20	1.1	53	14	1.7	0.0	25.3	62
17/04/2024 23:30	1.2	56	28	2.0	0.0	25.9	58
17/04/2024 23:40	0.9	184	15	1.2	0.0	26.5	54
17/04/2024 23:50	1.2	35	9	1.7	0.0	26.0	56
18/04/2024 00:00	1.4	43	7	1.8	0.0	25.9	57
18/04/2024 00:10	1.1	33	8	1.3	0.0	26.3	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/04/2024 00:20	1.2	39	9	1.7	0.0	26.3	55
18/04/2024 00:30	1.2	44	6	1.6	0.0	26.1	58
18/04/2024 00:40	1.3	41	3	1.6	0.0	26.1	61
18/04/2024 00:50	1.5	36	6	1.8	0.0	26.6	59
18/04/2024 01:00	1.7	41	6	2.1	0.0	26.3	60
18/04/2024 01:10	1.0	29	6	1.2	0.0	25.9	63
18/04/2024 01:20	1.0	41	12	1.6	0.0	25.9	65
18/04/2024 01:30	0.9	38	14	1.4	0.0	25.6	65
18/04/2024 01:40	0.6	67	30	1.3	0.0	25.1	66
18/04/2024 01:50	0.6	63	33	1.5	0.0	25.7	63
18/04/2024 02:00	0.8	129	28	1.5	0.0	25.0	65
18/04/2024 02:10	0.4	142	49	0.7	0.0	25.3	65
18/04/2024 02:20	0.6	82	59	1.2	0.0	25.4	66
18/04/2024 02:30	0.7	234	38	1.1	0.0	25.6	67
18/04/2024 02:40	0.8	300	26	1.3	0.0	26.3	60
18/04/2024 02:50	0.9	264	25	1.3	0.0	26.5	55
18/04/2024 03:00	0.8	178	77	1.4	0.0	26.0	56
18/04/2024 03:10	0.6	62	33	1.1	0.0	25.4	59
18/04/2024 03:20	0.4	115	45	0.7	0.0	26.2	52
18/04/2024 03:30	0.2	195	85	0.5	0.0	26.6	49
18/04/2024 03:40	0.7	95	37	1.4	0.0	26.5	48
18/04/2024 03:50	0.7	158	25	1.2	0.0	26.5	47
18/04/2024 04:00	0.5	145	67	1.1	0.0	26.3	45
18/04/2024 04:10	0.6	128	52	0.9	0.0	26.5	44
18/04/2024 04:20	0.7	68	60	1.3	0.0	26.2	44
18/04/2024 04:30	0.8	179	22	1.5	0.0	26.9	39
18/04/2024 04:40	1.0	149	45	2.2	0.0	26.7	40
18/04/2024 04:50	2.0	101	23	3.6	0.0	26.9	40
18/04/2024 05:00	2.9	110	9	4.2	0.0	27.3	40
18/04/2024 05:10	2.9	108	12	4.1	0.0	27.2	40
18/04/2024 05:20	2.4	105	13	3.8	0.0	26.9	40
18/04/2024 05:30	2.0	112	18	3.6	0.0	26.9	43
18/04/2024 05:40	1.9	111	15	3.2	0.0	26.7	46
18/04/2024 05:50	2.5	105	18	4.3	0.0	26.1	51
18/04/2024 06:00	2.5	104	14	3.9	0.0	26.0	52
18/04/2024 06:10	2.3	103	16	3.7	0.0	26.1	52
18/04/2024 06:20	2.7	106	13	4.9	0.0	26.4	49
18/04/2024 06:30	2.4	106	15	4.2	0.0	26.4	48
18/04/2024 06:40	3.6	106	13	5.4	0.0	26.6	45
18/04/2024 06:50	4.3	107	11	6.4	0.0	26.9	42
18/04/2024 07:00	4.6	107	10	7.1	0.0	27.0	42
18/04/2024 07:10	4.8	107	11	7.2	0.0	27.2	41
18/04/2024 07:20	4.6	105	12	7.7	0.0	27.3	40
18/04/2024 07:30	5.5	108	11	8.3	0.0	27.5	37
18/04/2024 07:40	6.3	109	10	8.8	0.0	27.6	35
18/04/2024 07:50	6.7	110	10	8.6	0.0	27.7	34
18/04/2024 08:00	6.9	110	10	9.5	0.0	27.9	34
18/04/2024 08:10	6.6	111	10	9.0	0.0	28.1	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/04/2024 08:20	6.6	109	10	9.2	0.0	28.4	35
18/04/2024 08:30	6.8	106	11	9.8	0.0	28.9	32
18/04/2024 08:40	6.3	104	11	10.0	0.0	29.2	31
18/04/2024 08:50	6.5	102	11	10.5	0.0	29.5	30
18/04/2024 09:00	6.8	107	12	11.5	0.0	29.6	30
18/04/2024 09:10	7.6	105	12	11.9	0.0	29.7	30
18/04/2024 09:20	7.2	106	11	11.1	0.0	30.0	31
18/04/2024 09:30	7.7	95	8	11.7	0.1	30.5	30
18/04/2024 09:40	7.4	102	11	12.1	0.0	30.6	30
18/04/2024 09:50	7.2	99	12	10.8	0.1	30.8	30
18/04/2024 10:00	7.1	100	13	11.5	0.0	30.9	30
18/04/2024 10:10	7.4	94	9	10.4	0.0	31.1	30
18/04/2024 10:20	8.3	92	7	11.6	0.0	30.9	31
18/04/2024 10:30	7.6	94	9	10.8	0.0	31.1	31
18/04/2024 10:40	6.9	95	10	10.1	0.0	31.3	32
18/04/2024 10:50	6.6	97	10	9.9	0.0	31.3	33
18/04/2024 11:00	7.0	95	10	9.6	0.0	31.5	31
18/04/2024 11:10	8.0	93	8	12.5	0.0	31.5	30
18/04/2024 11:20	7.5	91	8	10.5	0.0	32.0	29
18/04/2024 11:30	8.5	88	9	11.9	0.0	32.1	27
18/04/2024 11:40	7.4	85	8	10.3	0.0	32.3	28
18/04/2024 11:50	7.0	83	10	10.0	0.0	32.4	29
18/04/2024 12:00	7.6	80	10	11.0	0.0	32.4	28
18/04/2024 12:10	9.0	73	6	11.7	0.0	31.8	29
18/04/2024 12:20	9.3	75	6	12.1	0.0	31.7	29
18/04/2024 12:30	9.3	78	8	12.4	0.0	31.7	28
18/04/2024 12:40	7.5	72	9	10.6	0.0	32.1	29
18/04/2024 12:50	7.1	68	10	11.0	0.0	32.3	30
18/04/2024 13:00	6.6	62	9	9.0	0.0	32.3	31
18/04/2024 13:10	6.9	64	9	9.5	0.0	32.2	32
18/04/2024 13:20	7.0	63	7	10.3	0.0	32.3	30
18/04/2024 13:30	6.7	64	9	10.1	0.0	32.2	30
18/04/2024 13:40	7.3	59	9	10.6	0.0	32.3	29
18/04/2024 13:50	7.2	62	8	10.9	0.0	32.6	25
18/04/2024 14:00	7.1	64	9	9.7	0.0	32.2	28
18/04/2024 14:10	6.7	68	10	9.7	0.0	32.6	26
18/04/2024 14:20	7.0	65	9	9.8	0.0	32.5	26
18/04/2024 14:30	6.0	65	10	9.0	0.0	32.8	27
18/04/2024 14:40	6.0	67	10	8.1	0.0	33.1	25
18/04/2024 14:50	6.1	60	10	8.8	0.0	32.5	28
18/04/2024 15:00	6.3	60	10	8.7	0.0	32.4	30
18/04/2024 15:10	5.4	53	9	7.3	0.0	31.9	34
18/04/2024 15:20	5.5	53	8	7.5	0.0	32.0	31
18/04/2024 15:30	5.5	56	7	7.4	0.0	32.1	29
18/04/2024 15:40	5.2	60	8	7.1	0.0	32.1	30
18/04/2024 15:50	5.0	58	10	6.8	0.0	32.1	30
18/04/2024 16:00	5.5	59	7	7.2	0.0	32.0	28
18/04/2024 16:10	5.4	59	10	7.2	0.0	32.0	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/04/2024 16:20	5.3	56	7	7.5	0.0	31.8	29
18/04/2024 16:30	5.3	58	8	7.0	0.0	31.8	31
18/04/2024 16:40	5.2	53	6	7.5	0.0	31.6	31
18/04/2024 16:50	5.2	55	7	6.7	0.0	31.2	30
18/04/2024 17:00	4.8	57	8	6.4	0.0	31.3	29
18/04/2024 17:10	4.7	57	8	6.4	0.0	30.9	30
18/04/2024 17:20	4.6	58	6	6.5	0.0	31.0	29
18/04/2024 17:30	4.1	57	7	5.5	0.0	30.6	32
18/04/2024 17:40	3.7	61	8	5.3	0.0	30.5	32
18/04/2024 17:50	3.4	57	6	4.6	0.0	30.0	35
18/04/2024 18:00	2.5	51	5	3.6	0.0	29.3	37
18/04/2024 18:10	2.4	52	5	3.6	0.0	28.9	38
18/04/2024 18:20	2.7	51	4	3.5	0.0	28.5	39
18/04/2024 18:30	1.8	57	9	2.4	0.0	28.2	41
18/04/2024 18:40	1.1	68	17	1.8	0.0	28.2	42
18/04/2024 18:50	1.5	45	16	2.3	0.0	28.1	41
18/04/2024 19:00	1.2	54	10	1.7	0.0	27.8	43
18/04/2024 19:10	1.0	60	14	1.8	0.0	27.8	45
18/04/2024 19:20	0.7	92	45	1.3	0.0	27.8	47
18/04/2024 19:30	1.1	70	15	1.9	0.0	28.1	46
18/04/2024 19:40	1.0	65	12	1.4	0.0	28.1	46
18/04/2024 19:50	1.2	73	12	1.7	0.0	27.9	46
18/04/2024 20:00	1.4	78	11	2.1	0.0	27.7	48
18/04/2024 20:10	1.6	87	10	2.1	0.0	27.7	49
18/04/2024 20:20	1.1	65	6	1.4	0.0	27.4	50
18/04/2024 20:30	1.0	66	5	1.2	0.0	27.0	52
18/04/2024 20:40	1.1	75	4	1.4	0.0	26.9	54
18/04/2024 20:50	0.6	93	17	1.1	0.0	26.5	56
18/04/2024 21:00	1.0	93	12	1.4	0.0	26.6	57
18/04/2024 21:10	1.2	64	10	1.9	0.0	26.3	59
18/04/2024 21:20	1.6	57	13	2.0	0.0	26.5	61
18/04/2024 21:30	0.9	76	40	1.5	0.0	26.4	64
18/04/2024 21:40	1.7	77	19	3.2	0.0	26.6	65
18/04/2024 21:50	1.6	87	12	2.8	0.0	26.9	56
18/04/2024 22:00	2.5	100	15	4.3	0.0	26.9	50
18/04/2024 22:10	2.8	112	13	4.9	0.0	28.1	43
18/04/2024 22:20	3.4	110	14	5.4	0.0	28.4	39
18/04/2024 22:30	3.7	110	12	5.6	0.0	28.9	35
18/04/2024 22:40	4.0	110	10	5.8	0.0	28.9	35
18/04/2024 22:50	3.2	110	12	5.3	0.0	28.8	35
18/04/2024 23:00	3.5	110	13	5.4	0.0	28.7	34
18/04/2024 23:10	2.8	113	16	5.6	0.0	28.6	33
18/04/2024 23:20	2.7	112	18	5.1	0.0	28.4	35
18/04/2024 23:30	2.9	109	15	5.4	0.0	28.2	37
18/04/2024 23:40	3.0	110	14	4.9	0.0	28.4	33
18/04/2024 23:50	2.0	126	24	4.8	0.0	28.2	37
19/04/2024 00:00	2.8	136	14	4.9	0.0	28.1	33
19/04/2024 00:10	2.7	133	22	5.0	0.0	28.2	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/04/2024 00:20	3.1	134	17	5.5	0.0	28.2	29
19/04/2024 00:30	2.7	139	15	4.9	0.0	28.2	29
19/04/2024 00:40	2.4	134	20	4.1	0.0	28.0	33
19/04/2024 00:50	2.0	128	25	3.8	0.0	27.7	36
19/04/2024 01:00	1.9	120	26	3.7	0.0	27.6	38
19/04/2024 01:10	2.8	108	16	5.6	0.0	27.7	38
19/04/2024 01:20	3.6	109	14	5.9	0.0	28.0	36
19/04/2024 01:30	4.3	106	11	6.8	0.0	28.0	35
19/04/2024 01:40	5.0	108	10	7.2	0.0	28.0	35
19/04/2024 01:50	5.4	110	12	7.5	0.0	28.1	34
19/04/2024 02:00	5.6	110	10	7.8	0.0	28.0	32
19/04/2024 02:10	5.0	108	10	7.2	0.0	27.8	36
19/04/2024 02:20	4.8	108	10	6.9	0.0	27.7	35
19/04/2024 02:30	4.2	109	13	7.0	0.0	27.6	34
19/04/2024 02:40	3.1	109	16	5.6	0.0	27.4	36
19/04/2024 02:50	2.5	107	20	5.0	0.0	27.1	36
19/04/2024 03:00	2.2	111	21	5.1	0.0	26.9	37
19/04/2024 03:10	2.2	129	29	4.9	0.0	26.8	35
19/04/2024 03:20	1.7	127	29	4.1	0.0	26.8	34
19/04/2024 03:30	1.8	115	33	4.0	0.0	26.6	36
19/04/2024 03:40	1.7	108	21	3.7	0.0	26.5	38
19/04/2024 03:50	1.7	109	25	3.6	0.0	26.3	39
19/04/2024 04:00	2.1	114	24	4.2	0.0	26.4	39
19/04/2024 04:10	2.0	116	28	4.8	0.0	26.2	38
19/04/2024 04:20	2.3	117	27	4.7	0.0	26.4	36
19/04/2024 04:30	2.0	118	22	4.5	0.0	26.3	37
19/04/2024 04:40	2.0	132	33	4.3	0.0	26.0	35
19/04/2024 04:50	2.2	134	24	4.0	0.0	26.1	34
19/04/2024 05:00	1.9	132	30	4.2	0.0	26.0	35
19/04/2024 05:10	2.7	134	22	5.1	0.0	26.1	33
19/04/2024 05:20	2.5	132	22	4.9	0.0	26.1	33
19/04/2024 05:30	3.1	139	18	4.8	0.0	26.3	30
19/04/2024 05:40	2.5	133	22	4.3	0.0	26.1	32
19/04/2024 05:50	2.1	129	24	4.1	0.0	25.9	34
19/04/2024 06:00	2.0	117	30	4.0	0.0	25.7	36
19/04/2024 06:10	2.7	117	20	4.9	0.0	25.8	35
19/04/2024 06:20	2.2	127	26	4.1	0.0	25.8	35
19/04/2024 06:30	2.8	123	23	5.8	0.0	25.9	35
19/04/2024 06:40	2.9	126	23	5.7	0.0	26.0	33
19/04/2024 06:50	2.4	120	25	4.3	0.0	26.0	33
19/04/2024 07:00	3.0	118	18	4.9	0.0	26.0	34
19/04/2024 07:10	2.9	117	20	5.2	0.0	26.1	35
19/04/2024 07:20	2.6	119	22	5.3	0.0	26.3	33
19/04/2024 07:30	4.5	111	12	6.8	0.0	26.5	34
19/04/2024 07:40	5.2	107	10	7.6	0.0	26.6	33
19/04/2024 07:50	5.2	106	11	7.9	0.0	26.7	34
19/04/2024 08:00	6.6	110	10	10.1	0.0	27.0	31
19/04/2024 08:10	7.1	108	10	10.1	0.0	27.1	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/04/2024 08:20	6.3	110	10	8.8	0.0	27.3	32
19/04/2024 08:30	6.7	110	11	10.1	0.0	27.5	30
19/04/2024 08:40	6.5	109	11	10.4	0.0	27.8	31
19/04/2024 08:50	6.5	105	13	10.0	0.0	28.2	31
19/04/2024 09:00	7.0	103	13	11.4	0.0	28.4	29
19/04/2024 09:10	6.8	99	12	10.7	0.0	28.7	28
19/04/2024 09:20	6.7	102	13	10.6	0.0	28.9	28
19/04/2024 09:30	6.5	100	13	9.6	0.0	28.8	29
19/04/2024 09:40	6.9	94	9	9.8	0.0	28.6	30
19/04/2024 09:50	7.9	90	7	10.6	0.0	28.8	29
19/04/2024 10:00	6.8	89	11	10.4	0.0	29.1	28
19/04/2024 10:10	7.3	92	13	10.3	0.0	29.4	30
19/04/2024 10:20	8.6	88	10	12.8	0.0	29.9	28
19/04/2024 10:30	8.5	90	8	11.8	0.0	29.8	27
19/04/2024 10:40	7.9	89	7	11.3	0.0	29.9	28
19/04/2024 10:50	7.7	87	9	10.7	0.0	29.8	29
19/04/2024 11:00	8.1	89	9	11.3	0.0	29.9	30
19/04/2024 11:10	8.0	86	8	12.5	0.0	30.2	28
19/04/2024 11:20	7.7	89	7	11.7	0.0	30.3	29
19/04/2024 11:30	7.9	86	9	11.4	0.0	30.3	28
19/04/2024 11:40	7.4	83	8	10.0	0.0	30.1	30
19/04/2024 11:50	6.6	83	9	9.7	0.0	30.0	31
19/04/2024 12:00	7.0	84	8	9.9	0.0	30.5	30
19/04/2024 12:10	7.5	85	8	10.4	0.0	30.5	29
19/04/2024 12:20	7.7	78	8	10.1	0.0	30.2	29
19/04/2024 12:30	7.9	77	8	10.9	0.0	30.3	29
19/04/2024 12:40	9.3	74	6	12.2	0.0	30.0	29
19/04/2024 12:50	8.4	76	7	11.6	0.0	30.2	30
19/04/2024 13:00	8.2	79	8	10.5	0.0	30.4	30
19/04/2024 13:10	7.0	80	9	9.8	0.0	31.0	30
19/04/2024 13:20	6.9	82	9	10.0	0.0	31.2	29
19/04/2024 13:30	7.4	81	8	9.4	0.0	31.0	28
19/04/2024 13:40	7.8	81	8	10.8	0.0	31.0	27
19/04/2024 13:50	7.2	83	9	9.5	0.0	31.1	28
19/04/2024 14:00	6.5	64	10	8.5	0.0	31.3	30
19/04/2024 14:10	6.9	60	8	9.3	0.0	31.0	28
19/04/2024 14:20	6.7	64	8	9.3	0.0	30.8	30
19/04/2024 14:30	6.6	61	10	8.4	0.0	31.0	32
19/04/2024 14:40	6.2	62	9	7.9	0.0	31.1	35
19/04/2024 14:50	6.7	64	8	9.0	0.0	30.8	36
19/04/2024 15:00	6.3	65	8	8.1	0.0	30.4	37
19/04/2024 15:10	6.5	67	7	9.5	0.0	30.5	34
19/04/2024 15:20	6.3	64	9	8.9	0.0	30.4	36
19/04/2024 15:30	5.6	56	11	7.6	0.0	30.0	43
19/04/2024 15:40	6.3	55	6	7.9	0.0	29.8	42
19/04/2024 15:50	6.2	55	7	8.2	0.0	29.6	41
19/04/2024 16:00	6.0	55	8	8.9	0.0	29.7	41
19/04/2024 16:10	5.9	56	7	7.7	0.0	29.6	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/04/2024 16:20	5.9	57	7	8.3	0.0	29.6	40
19/04/2024 16:30	5.2	59	7	7.6	0.0	29.6	38
19/04/2024 16:40	5.3	62	7	6.8	0.0	29.6	39
19/04/2024 16:50	4.7	59	8	6.2	0.0	29.4	40
19/04/2024 17:00	4.8	57	7	6.6	0.0	29.5	38
19/04/2024 17:10	4.9	55	7	6.9	0.0	29.5	38
19/04/2024 17:20	4.4	55	7	6.2	0.0	29.4	37
19/04/2024 17:30	4.4	61	8	6.0	0.0	29.2	39
19/04/2024 17:40	4.3	58	6	5.9	0.0	28.9	41
19/04/2024 17:50	3.5	59	5	4.6	0.0	28.9	40
19/04/2024 18:00	3.2	57	6	4.9	0.0	28.6	44
19/04/2024 18:10	2.6	55	5	3.7	0.0	28.3	45
19/04/2024 18:20	2.2	58	6	3.1	0.0	28.2	47
19/04/2024 18:30	1.8	54	6	2.3	0.0	27.7	50
19/04/2024 18:40	1.4	63	10	2.0	0.0	27.6	50
19/04/2024 18:50	1.5	110	14	2.1	0.0	27.9	50
19/04/2024 19:00	1.5	111	17	2.6	0.0	28.2	54
19/04/2024 19:10	2.0	90	15	3.1	0.0	28.0	57
19/04/2024 19:20	1.9	107	20	3.3	0.0	27.7	58
19/04/2024 19:30	1.7	99	17	2.5	0.0	28.0	55
19/04/2024 19:40	1.3	132	22	2.1	0.0	28.3	52
19/04/2024 19:50	0.8	266	47	1.3	0.0	27.9	55
19/04/2024 20:00	0.9	333	20	1.4	0.0	27.6	55
19/04/2024 20:10	1.1	220	33	1.8	0.0	27.6	55
19/04/2024 20:20	1.2	30	30	2.0	0.0	27.5	56
19/04/2024 20:30	1.3	52	13	1.8	0.0	27.2	57
19/04/2024 20:40	1.1	63	17	1.7	0.0	27.3	56
19/04/2024 20:50	1.2	66	11	1.7	0.0	27.0	57
19/04/2024 21:00	1.1	63	17	1.6	0.0	27.2	55
19/04/2024 21:10	1.3	100	19	2.0	0.0	27.1	55
19/04/2024 21:20	1.8	116	13	2.6	0.0	27.6	51
19/04/2024 21:30	1.8	122	13	2.5	0.0	27.5	49
19/04/2024 21:40	1.8	129	8	2.4	0.0	28.2	45
19/04/2024 21:50	1.0	98	25	1.7	0.0	27.6	48
19/04/2024 22:00	1.0	100	33	1.7	0.0	27.0	49
19/04/2024 22:10	1.0	76	18	1.5	0.0	27.1	48
19/04/2024 22:20	1.2	108	21	2.1	0.0	27.2	46
19/04/2024 22:30	1.6	103	16	2.6	0.0	27.2	47
19/04/2024 22:40	1.7	116	18	2.4	0.0	27.6	44
19/04/2024 22:50	1.3	86	14	1.9	0.0	27.0	48
19/04/2024 23:00	2.1	105	21	3.5	0.0	26.7	48
19/04/2024 23:10	2.1	110	16	3.5	0.0	27.3	43
19/04/2024 23:20	2.4	113	13	3.4	0.0	27.6	39
19/04/2024 23:30	2.5	114	12	4.0	0.0	27.9	36
19/04/2024 23:40	2.6	109	17	4.2	0.0	27.8	36
19/04/2024 23:50	2.5	114	10	3.5	0.0	27.6	37
20/04/2024 00:00	2.2	119	10	3.0	0.0	27.5	38
20/04/2024 00:10	1.8	120	14	2.6	0.0	27.3	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/04/2024 00:20	1.7	121	13	2.7	0.0	26.8	46
20/04/2024 00:30	2.0	126	14	3.1	0.0	26.8	49
20/04/2024 00:40	2.0	117	17	3.4	0.0	26.7	48
20/04/2024 00:50	2.1	121	18	3.7	0.0	26.9	42
20/04/2024 01:00	2.1	110	19	3.4	0.0	26.7	42
20/04/2024 01:10	1.8	110	19	3.2	0.0	25.8	46
20/04/2024 01:20	1.2	83	26	2.8	0.0	25.5	47
20/04/2024 01:30	1.3	71	16	2.1	0.0	24.6	49
20/04/2024 01:40	1.9	86	13	3.1	0.0	24.8	47
20/04/2024 01:50	2.2	83	6	3.3	0.0	24.8	45
20/04/2024 02:00	2.0	82	8	3.1	0.0	25.1	43
20/04/2024 02:10	2.3	84	9	3.7	0.0	25.2	40
20/04/2024 02:20	2.2	88	10	3.2	0.0	25.6	40
20/04/2024 02:30	2.4	103	17	4.1	0.0	26.0	38
20/04/2024 02:40	2.6	106	13	4.1	0.0	26.3	37
20/04/2024 02:50	2.4	96	14	4.1	0.0	26.0	37
20/04/2024 03:00	3.1	94	10	4.6	0.0	26.2	34
20/04/2024 03:10	3.1	102	12	5.2	0.0	26.4	34
20/04/2024 03:20	3.6	102	13	5.7	0.0	26.6	34
20/04/2024 03:30	3.7	103	13	6.0	0.0	26.7	34
20/04/2024 03:40	3.8	106	13	6.4	0.0	26.7	35
20/04/2024 03:50	3.9	110	12	6.8	0.0	26.7	36
20/04/2024 04:00	3.2	110	14	4.9	0.0	26.4	39
20/04/2024 04:10	3.2	109	13	5.9	0.0	26.3	37
20/04/2024 04:20	3.5	109	13	5.7	0.0	26.6	37
20/04/2024 04:30	3.9	114	12	6.4	0.0	26.6	38
20/04/2024 04:40	3.9	112	15	6.7	0.0	26.4	39
20/04/2024 04:50	4.2	111	12	7.7	0.0	26.7	36
20/04/2024 05:00	2.8	111	16	5.6	0.0	26.4	38
20/04/2024 05:10	2.8	115	17	5.3	0.0	26.1	39
20/04/2024 05:20	2.5	113	17	4.6	0.0	26.1	39
20/04/2024 05:30	2.5	114	17	4.5	0.0	25.9	40
20/04/2024 05:40	2.4	113	19	4.6	0.0	25.8	41
20/04/2024 05:50	2.5	110	16	4.7	0.0	25.8	40
20/04/2024 06:00	3.6	109	12	6.1	0.0	25.9	38
20/04/2024 06:10	4.2	108	11	6.7	0.0	26.0	38
20/04/2024 06:20	4.6	109	11	6.8	0.0	26.1	37
20/04/2024 06:30	5.1	110	10	7.4	0.0	26.1	35
20/04/2024 06:40	4.9	111	10	7.7	0.0	26.2	34
20/04/2024 06:50	4.4	111	11	6.9	0.0	26.2	35
20/04/2024 07:00	4.6	110	11	7.9	0.0	26.1	35
20/04/2024 07:10	5.1	111	10	7.4	0.0	26.3	34
20/04/2024 07:20	4.9	111	10	7.1	0.0	26.6	34
20/04/2024 07:30	4.8	111	10	6.7	0.0	26.7	34
20/04/2024 07:40	5.1	109	9	8.1	0.0	26.8	33
20/04/2024 07:50	5.2	110	10	7.3	0.0	26.7	33
20/04/2024 08:00	4.9	106	13	8.2	0.0	27.0	31
20/04/2024 08:10	5.5	102	12	8.4	0.0	27.3	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/04/2024 08:20	6.1	107	11	8.6	0.0	27.3	30
20/04/2024 08:30	5.0	103	12	8.1	0.0	27.3	31
20/04/2024 08:40	5.4	105	12	7.9	0.0	27.5	31
20/04/2024 08:50	6.2	96	11	9.3	0.0	28.1	28
20/04/2024 09:00	6.8	99	11	10.1	0.0	28.2	28
20/04/2024 09:10	7.3	91	9	10.7	0.0	28.5	27
20/04/2024 09:20	8.0	91	9	11.8	0.0	28.6	26
20/04/2024 09:30	7.1	92	10	10.9	0.0	28.7	26
20/04/2024 09:40	8.4	92	8	11.4	0.0	28.5	27
20/04/2024 09:50	7.1	89	8	10.6	0.0	29.0	27
20/04/2024 10:00	8.6	90	8	11.9	0.0	28.6	26
20/04/2024 10:10	7.8	89	8	11.7	0.0	28.9	28
20/04/2024 10:20	7.8	87	9	11.1	0.0	28.9	28
20/04/2024 10:30	7.5	88	9	11.1	0.0	29.2	29
20/04/2024 10:40	8.3	88	9	12.8	0.0	29.4	27
20/04/2024 10:50	8.3	82	7	11.3	0.0	29.5	26
20/04/2024 11:00	8.6	86	9	12.3	0.0	29.5	27
20/04/2024 11:10	8.1	87	8	11.2	0.0	29.5	28
20/04/2024 11:20	7.7	85	9	10.8	0.0	29.7	28
20/04/2024 11:30	7.8	85	9	11.0	0.0	29.7	27
20/04/2024 11:40	8.3	85	8	11.8	0.0	30.0	25
20/04/2024 11:50	7.8	85	9	10.7	0.0	29.8	26
20/04/2024 12:00	7.7	84	8	11.0	0.0	30.0	26
20/04/2024 12:10	7.3	85	9	10.4	0.0	30.0	28
20/04/2024 12:20	7.4	87	8	11.2	0.0	30.1	26
20/04/2024 12:30	7.4	86	8	10.7	0.0	30.3	27
20/04/2024 12:40	7.5	82	9	10.4	0.0	30.3	26
20/04/2024 12:50	6.9	82	11	9.9	0.0	30.4	26
20/04/2024 13:00	7.3	76	8	9.8	0.0	30.4	26
20/04/2024 13:10	7.8	78	9	10.7	0.0	30.4	26
20/04/2024 13:20	7.8	77	8	10.1	0.0	30.2	27
20/04/2024 13:30	8.0	76	7	10.3	0.0	30.1	28
20/04/2024 13:40	8.1	78	6	10.0	0.0	30.1	28
20/04/2024 13:50	7.3	84	9	10.3	0.0	30.5	29
20/04/2024 14:00	6.8	68	9	9.5	0.0	30.6	30
20/04/2024 14:10	6.7	68	11	9.6	0.0	30.2	31
20/04/2024 14:20	7.1	65	10	9.6	0.0	30.0	32
20/04/2024 14:30	7.6	61	7	10.0	0.0	29.7	32
20/04/2024 14:40	6.3	62	9	9.0	0.0	29.9	35
20/04/2024 14:50	6.7	66	8	9.1	0.0	29.9	35
20/04/2024 15:00	6.1	66	8	8.0	0.0	30.0	34
20/04/2024 15:10	6.4	62	8	8.3	0.0	30.0	33
20/04/2024 15:20	6.4	59	8	8.7	0.0	29.8	35
20/04/2024 15:30	6.2	62	9	8.5	0.0	30.0	33
20/04/2024 15:40	6.5	55	9	8.5	0.0	29.8	34
20/04/2024 15:50	6.5	57	7	8.3	0.0	29.8	35
20/04/2024 16:00	6.5	54	7	8.1	0.0	29.6	35
20/04/2024 16:10	6.7	56	6	8.2	0.0	29.4	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/04/2024 16:20	6.1	54	8	8.2	0.0	29.5	35
20/04/2024 16:30	6.0	52	6	8.1	0.0	29.5	34
20/04/2024 16:40	6.0	54	6	8.4	0.0	29.4	34
20/04/2024 16:50	5.8	54	7	7.4	0.0	29.4	33
20/04/2024 17:00	5.5	57	7	7.3	0.0	29.3	34
20/04/2024 17:10	5.7	58	7	7.2	0.0	29.2	35
20/04/2024 17:20	4.8	56	6	6.7	0.0	29.1	34
20/04/2024 17:30	4.6	56	6	6.3	0.0	29.0	36
20/04/2024 17:40	4.6	57	6	5.8	0.0	28.7	37
20/04/2024 17:50	3.6	52	6	4.6	0.0	28.2	40
20/04/2024 18:00	3.3	52	5	4.4	0.0	27.6	42
20/04/2024 18:10	2.9	54	5	3.7	0.0	27.3	42
20/04/2024 18:20	2.9	52	3	3.5	0.0	27.2	43
20/04/2024 18:30	2.9	50	4	3.7	0.0	26.9	44
20/04/2024 18:40	3.0	45	5	4.0	0.0	27.0	39
20/04/2024 18:50	2.4	45	5	3.1	0.0	26.9	39
20/04/2024 19:00	1.9	54	8	2.7	0.0	26.7	40
20/04/2024 19:10	1.6	50	11	3.0	0.0	26.5	42
20/04/2024 19:20	1.1	70	12	1.9	0.0	26.3	44
20/04/2024 19:30	0.8	68	13	1.2	0.0	26.2	46
20/04/2024 19:40	1.1	69	12	1.9	0.0	26.2	48
20/04/2024 19:50	1.3	77	13	2.1	0.0	26.2	53
20/04/2024 20:00	1.2	32	13	1.8	0.0	25.9	52
20/04/2024 20:10	1.3	54	10	1.8	0.0	25.9	54
20/04/2024 20:20	1.5	59	6	2.0	0.0	25.5	58
20/04/2024 20:30	1.5	60	6	2.1	0.0	25.4	61
20/04/2024 20:40	1.9	66	4	2.2	0.0	25.1	62
20/04/2024 20:50	2.2	67	3	2.5	0.0	24.8	66
20/04/2024 21:00	2.0	58	3	2.3	0.0	24.7	68
20/04/2024 21:10	2.0	61	3	2.3	0.0	24.7	69
20/04/2024 21:20	2.3	58	4	2.6	0.0	24.8	71
20/04/2024 21:30	2.6	60	5	3.1	0.0	25.0	71
20/04/2024 21:40	2.6	62	3	3.0	0.0	24.4	72
20/04/2024 21:50	2.5	69	5	3.0	0.0	24.4	73
20/04/2024 22:00	3.0	76	4	3.7	0.0	24.5	73
20/04/2024 22:10	2.7	69	4	3.3	0.0	24.6	74
20/04/2024 22:20	2.6	62	4	2.9	0.0	24.7	73
20/04/2024 22:30	2.6	70	3	2.9	0.0	24.5	74
20/04/2024 22:40	2.6	68	3	3.0	0.0	24.6	74
20/04/2024 22:50	2.4	69	3	2.8	0.0	24.8	73
20/04/2024 23:00	2.1	67	4	2.4	0.0	24.6	74
20/04/2024 23:10	1.7	71	5	2.3	0.0	24.4	75
20/04/2024 23:20	1.4	82	12	2.1	0.0	23.6	78
20/04/2024 23:30	1.1	82	23	1.9	0.0	24.2	76
20/04/2024 23:40	0.9	51	45	2.3	0.0	24.0	76
20/04/2024 23:50	1.8	95	14	2.7	0.0	24.3	70
21/04/2024 00:00	2.7	101	17	4.8	0.0	24.9	55
21/04/2024 00:10	3.8	98	14	6.4	0.0	26.2	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/04/2024 00:20	3.2	109	14	5.1	0.0	26.5	30
21/04/2024 00:30	3.0	112	13	4.6	0.0	26.3	31
21/04/2024 00:40	2.1	127	21	3.9	0.0	26.1	30
21/04/2024 00:50	2.4	144	15	3.6	0.0	26.5	27
21/04/2024 01:00	1.6	152	22	3.6	0.0	26.5	27
21/04/2024 01:10	1.9	162	19	3.2	0.0	26.2	26
21/04/2024 01:20	2.1	183	13	3.5	0.0	25.5	31
21/04/2024 01:30	1.7	183	15	2.7	0.0	24.7	36
21/04/2024 01:40	1.4	196	19	2.7	0.0	24.6	37
21/04/2024 01:50	1.5	184	19	2.6	0.0	24.8	33
21/04/2024 02:00	1.8	182	14	2.9	0.0	25.0	29
21/04/2024 02:10	1.5	173	23	2.8	0.0	25.2	26
21/04/2024 02:20	1.7	163	20	3.2	0.0	25.3	23
21/04/2024 02:30	2.1	143	17	3.6	0.0	25.8	21
21/04/2024 02:40	2.0	139	19	3.6	0.0	25.7	21
21/04/2024 02:50	1.9	130	17	3.4	0.0	25.5	22
21/04/2024 03:00	1.7	127	19	2.7	0.0	25.1	23
21/04/2024 03:10	2.0	119	15	3.4	0.0	24.8	25
21/04/2024 03:20	2.2	124	10	3.4	0.0	24.7	26
21/04/2024 03:30	2.2	126	13	3.2	0.0	24.6	27
21/04/2024 03:40	2.0	123	12	3.3	0.0	24.6	27
21/04/2024 03:50	2.1	121	9	3.0	0.0	24.5	28
21/04/2024 04:00	2.0	111	20	3.2	0.0	24.1	31
21/04/2024 04:10	2.1	114	15	3.1	0.0	23.9	32
21/04/2024 04:20	1.3	93	28	2.3	0.0	23.4	34
21/04/2024 04:30	1.1	80	33	2.2	0.0	23.1	36
21/04/2024 04:40	1.5	100	25	3.1	0.0	23.0	37
21/04/2024 04:50	1.6	101	20	2.8	0.0	22.9	37
21/04/2024 05:00	2.0	107	15	3.5	0.0	22.9	37
21/04/2024 05:10	2.0	114	15	3.1	0.0	23.0	37
21/04/2024 05:20	2.4	119	10	3.9	0.0	23.3	35
21/04/2024 05:30	2.4	114	13	3.9	0.0	23.3	34
21/04/2024 05:40	2.2	114	13	3.3	0.0	23.0	36
21/04/2024 05:50	2.2	125	12	3.1	0.0	23.3	35
21/04/2024 06:00	2.4	124	9	3.2	0.0	23.4	34
21/04/2024 06:10	2.5	119	11	3.7	0.0	23.3	34
21/04/2024 06:20	1.8	115	18	3.0	0.0	23.0	36
21/04/2024 06:30	1.9	109	16	2.9	0.0	22.6	37
21/04/2024 06:40	2.0	108	18	3.3	0.0	22.8	37
21/04/2024 06:50	2.6	117	10	4.3	0.0	23.3	35
21/04/2024 07:00	2.3	110	18	3.9	0.0	23.7	35
21/04/2024 07:10	2.1	117	21	3.8	0.0	24.1	35
21/04/2024 07:20	1.9	117	18	3.5	0.0	24.5	34
21/04/2024 07:30	2.4	115	15	3.6	0.0	24.8	35
21/04/2024 07:40	3.0	115	11	4.5	0.0	25.1	33
21/04/2024 07:50	2.8	116	10	4.5	0.0	25.4	32
21/04/2024 08:00	3.4	117	11	5.4	0.0	25.6	31
21/04/2024 08:10	3.8	114	10	5.8	0.0	25.9	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/04/2024 08:20	3.7	111	12	5.8	0.0	26.2	31
21/04/2024 08:30	4.6	109	12	7.1	0.0	26.8	29
21/04/2024 08:40	4.8	110	12	7.3	0.0	27.1	27
21/04/2024 08:50	5.2	99	12	8.4	0.0	27.6	25
21/04/2024 09:00	6.0	92	9	9.2	0.0	27.8	24
21/04/2024 09:10	6.6	90	8	9.1	0.0	27.8	24
21/04/2024 09:20	6.1	90	9	8.6	0.0	27.9	24
21/04/2024 09:30	6.3	91	8	8.9	0.0	27.9	25
21/04/2024 09:40	6.2	86	8	8.7	0.0	27.8	25
21/04/2024 09:50	6.6	87	8	8.8	0.0	27.8	25
21/04/2024 10:00	6.4	89	10	8.4	0.0	27.9	25
21/04/2024 10:10	6.0	84	9	8.3	0.0	28.2	25
21/04/2024 10:20	6.1	77	10	8.0	0.0	28.0	26
21/04/2024 10:30	6.0	79	9	8.3	0.0	28.2	28
21/04/2024 10:40	5.4	80	11	7.3	0.0	28.6	27
21/04/2024 10:50	6.5	78	9	9.0	0.0	28.6	28
21/04/2024 11:00	6.7	74	7	8.4	0.0	28.4	29
21/04/2024 11:10	6.8	73	7	8.6	0.0	28.4	29
21/04/2024 11:20	7.1	74	7	9.1	0.0	28.6	29
21/04/2024 11:30	7.9	74	6	9.4	0.0	28.7	28
21/04/2024 11:40	7.5	79	7	9.8	0.0	28.9	27
21/04/2024 11:50	7.9	81	8	10.6	0.0	29.1	25
21/04/2024 12:00	7.2	70	10	9.6	0.0	29.4	26
21/04/2024 12:10	7.0	61	8	9.9	0.0	29.4	27
21/04/2024 12:20	7.6	58	7	9.8	0.0	29.3	27
21/04/2024 12:30	8.2	61	7	10.5	0.0	29.2	26
21/04/2024 12:40	7.5	58	8	10.1	0.0	29.6	25
21/04/2024 12:50	8.2	63	6	10.3	0.0	29.6	24
21/04/2024 13:00	7.7	69	7	10.7	0.0	29.6	25
21/04/2024 13:10	7.3	59	8	9.7	0.0	29.9	25
21/04/2024 13:20	7.3	58	9	9.9	0.0	29.8	24
21/04/2024 13:30	7.5	53	6	9.6	0.0	29.7	25
21/04/2024 13:40	7.2	53	9	9.7	0.0	29.8	25
21/04/2024 13:50	6.7	54	10	9.7	0.0	30.1	25
21/04/2024 14:00	7.3	54	10	9.4	0.0	29.9	25
21/04/2024 14:10	7.2	57	7	9.0	0.0	30.0	22
21/04/2024 14:20	7.1	58	7	10.1	0.0	29.9	23
21/04/2024 14:30	6.7	62	8	8.7	0.0	30.1	24
21/04/2024 14:40	6.4	60	10	8.6	0.0	30.3	21
21/04/2024 14:50	6.1	60	9	8.8	0.0	30.4	20
21/04/2024 15:00	6.0	59	8	7.9	0.0	30.7	20
21/04/2024 15:10	6.0	56	8	7.6	0.0	30.3	22
21/04/2024 15:20	6.0	60	9	7.4	0.0	30.4	23
21/04/2024 15:30	5.6	57	8	7.1	0.0	30.2	22
21/04/2024 15:40	5.1	60	8	6.7	0.0	30.5	21
21/04/2024 15:50	5.1	64	9	6.8	0.0	30.5	23
21/04/2024 16:00	5.8	62	8	7.6	0.0	30.2	24
21/04/2024 16:10	5.7	57	7	7.4	0.0	30.1	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/04/2024 16:20	5.6	65	6	7.4	0.0	29.9	25
21/04/2024 16:30	5.2	63	7	6.6	0.0	29.8	26
21/04/2024 16:40	4.5	63	8	6.3	0.0	29.8	28
21/04/2024 16:50	4.4	61	7	6.0	0.0	29.5	32
21/04/2024 17:00	4.3	55	8	6.3	0.0	29.1	35
21/04/2024 17:10	4.8	30	15	6.4	0.0	29.0	33
21/04/2024 17:20	4.4	25	11	6.2	0.0	28.8	34
21/04/2024 17:30	5.0	13	10	6.8	0.0	28.5	36
21/04/2024 17:40	4.8	18	9	6.3	0.0	28.3	36
21/04/2024 17:50	4.6	26	8	6.1	0.0	28.0	39
21/04/2024 18:00	4.6	23	9	6.1	0.0	27.8	39
21/04/2024 18:10	3.7	27	9	5.2	0.0	27.5	43
21/04/2024 18:20	4.0	28	7	5.6	0.0	27.3	45
21/04/2024 18:30	4.0	21	8	5.4	0.0	27.2	46
21/04/2024 18:40	3.4	17	9	5.2	0.0	27.2	47
21/04/2024 18:50	2.4	20	10	3.6	0.0	27.0	48
21/04/2024 19:00	2.6	14	8	3.8	0.0	26.9	49
21/04/2024 19:10	2.6	12	10	4.0	0.0	26.9	50
21/04/2024 19:20	2.5	15	10	3.4	0.0	26.8	49
21/04/2024 19:30	2.9	9	7	4.0	0.0	26.8	49
21/04/2024 19:40	2.7	177	12	3.7	0.0	26.8	48
21/04/2024 19:50	1.9	323	9	2.6	0.0	26.8	50
21/04/2024 20:00	2.5	331	7	3.5	0.0	26.9	50
21/04/2024 20:10	2.1	326	12	2.7	0.0	26.7	52
21/04/2024 20:20	1.9	297	7	2.4	0.0	26.4	54
21/04/2024 20:30	1.0	329	9	1.3	0.0	26.3	55
21/04/2024 20:40	0.7	9	22	1.0	0.0	25.6	57
21/04/2024 20:50	0.9	2	10	1.3	0.0	25.3	58
21/04/2024 21:00	1.2	330	7	1.5	0.0	25.4	58
21/04/2024 21:10	0.8	307	25	1.2	0.0	25.7	56
21/04/2024 21:20	0.3	264	17	0.5	0.0	24.7	60
21/04/2024 21:30	0.9	239	11	1.6	0.0	25.1	58
21/04/2024 21:40	1.5	269	5	1.8	0.0	25.0	60
21/04/2024 21:50	1.0	292	10	1.5	0.0	24.6	63
21/04/2024 22:00	2.2	272	4	2.6	0.0	25.2	62
21/04/2024 22:10	2.6	276	5	3.1	0.0	25.0	63
21/04/2024 22:20	2.6	275	6	3.2	0.0	24.7	62
21/04/2024 22:30	2.0	299	9	2.6	0.0	24.8	62
21/04/2024 22:40	1.6	304	9	2.1	0.0	25.1	60
21/04/2024 22:50	2.2	273	5	2.6	0.0	25.2	59
21/04/2024 23:00	1.4	293	26	1.9	0.0	24.7	62
21/04/2024 23:10	0.9	61	21	1.4	0.0	23.6	66
21/04/2024 23:20	0.4	189	34	1.0	0.0	24.4	63
21/04/2024 23:30	0.4	76	45	0.9	0.0	24.0	64
21/04/2024 23:40	0.7	289	16	1.2	0.0	23.5	67
21/04/2024 23:50	0.6	179	62	1.0	0.0	23.4	67
22/04/2024 00:00	0.6	267	25	1.0	0.0	23.2	68
22/04/2024 00:10	1.2	274	9	1.6	0.0	23.3	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/04/2024 00:20	1.1	255	15	1.5	0.0	23.4	67
22/04/2024 00:30	0.8	240	25	1.2	0.0	23.6	66
22/04/2024 00:40	0.7	236	35	1.3	0.0	23.6	67
22/04/2024 00:50	1.7	283	10	2.4	0.0	23.5	68
22/04/2024 01:00	2.5	280	6	3.1	0.0	23.4	69
22/04/2024 01:10	1.5	168	25	2.4	0.0	23.3	68
22/04/2024 01:20	0.5	135	61	1.1	0.0	22.5	71
22/04/2024 01:30	1.0	235	26	1.7	0.0	23.0	70
22/04/2024 01:40	2.0	262	8	2.7	0.0	23.4	68
22/04/2024 01:50	2.2	265	6	2.6	0.0	23.3	69
22/04/2024 02:00	3.0	266	6	3.6	0.0	23.2	69
22/04/2024 02:10	3.0	263	9	4.2	0.0	23.1	70
22/04/2024 02:20	3.5	257	11	5.4	0.0	23.3	69
22/04/2024 02:30	2.9	256	10	4.5	0.0	23.1	69
22/04/2024 02:40	2.7	263	13	4.5	0.0	23.2	67
22/04/2024 02:50	2.4	268	10	3.7	0.0	23.4	65
22/04/2024 03:00	1.2	248	38	2.0	0.0	23.0	66
22/04/2024 03:10	1.3	236	45	2.6	0.0	23.3	65
22/04/2024 03:20	0.9	219	41	2.1	0.0	23.6	65
22/04/2024 03:30	1.4	217	26	2.6	0.0	23.7	64
22/04/2024 03:40	1.4	120	31	2.1	0.0	23.8	64
22/04/2024 03:50	1.3	52	45	2.6	0.0	22.3	72
22/04/2024 04:00	0.9	45	26	1.6	0.0	21.8	76
22/04/2024 04:10	1.3	48	16	2.3	0.0	21.7	74
22/04/2024 04:20	1.2	101	26	1.9	0.0	21.7	72
22/04/2024 04:30	0.6	178	69	1.7	0.0	21.7	71
22/04/2024 04:40	1.6	179	14	2.2	0.0	22.2	67
22/04/2024 04:50	1.7	176	12	2.2	0.0	23.0	62
22/04/2024 05:00	1.5	170	11	2.2	0.0	23.1	62
22/04/2024 05:10	1.4	179	22	2.6	0.0	23.2	60
22/04/2024 05:20	1.4	196	15	2.0	0.0	23.5	58
22/04/2024 05:30	0.9	149	43	1.5	0.0	23.1	60
22/04/2024 05:40	1.2	157	32	2.0	0.0	23.2	58
22/04/2024 05:50	1.2	211	20	2.3	0.0	23.4	56
22/04/2024 06:00	1.4	203	23	2.5	0.0	23.5	55
22/04/2024 06:10	1.2	233	24	2.0	0.0	23.3	56
22/04/2024 06:20	0.9	47	60	1.9	0.0	23.0	58
22/04/2024 06:30	1.4	31	32	2.4	0.0	22.1	62
22/04/2024 06:40	1.0	192	46	2.2	0.0	22.2	61
22/04/2024 06:50	0.9	172	43	1.5	0.0	22.9	59
22/04/2024 07:00	0.9	206	48	1.7	0.0	23.0	59
22/04/2024 07:10	0.8	186	87	1.8	0.0	23.4	59
22/04/2024 07:20	1.2	172	42	3.0	0.0	23.7	59
22/04/2024 07:30	1.6	144	22	2.6	0.0	24.0	58
22/04/2024 07:40	1.7	144	31	3.5	0.0	24.4	57
22/04/2024 07:50	1.9	158	53	4.0	0.0	24.5	57
22/04/2024 08:00	2.3	168	24	4.4	0.0	24.8	57
22/04/2024 08:10	2.2	138	25	4.7	0.0	25.2	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/04/2024 08:20	2.5	123	16	4.1	0.0	25.4	54
22/04/2024 08:30	2.4	148	21	4.2	0.0	25.2	54
22/04/2024 08:40	2.6	138	15	4.3	0.0	25.5	53
22/04/2024 08:50	2.5	141	19	3.8	0.0	25.7	52
22/04/2024 09:00	2.7	125	20	4.0	0.0	26.3	49
22/04/2024 09:10	3.0	113	13	4.2	0.0	26.2	51
22/04/2024 09:20	2.8	110	11	3.9	0.0	26.0	53
22/04/2024 09:30	3.0	115	12	4.6	0.0	26.3	54
22/04/2024 09:40	2.9	117	13	4.4	0.0	26.5	53
22/04/2024 09:50	3.3	109	13	5.2	0.0	27.1	49
22/04/2024 10:00	3.5	97	16	4.8	0.0	27.6	47
22/04/2024 10:10	4.0	88	11	5.5	0.0	28.0	44
22/04/2024 10:20	4.4	91	8	6.0	0.0	28.2	42
22/04/2024 10:30	4.5	87	10	7.2	0.0	28.7	40
22/04/2024 10:40	5.4	73	7	6.8	0.0	28.4	42
22/04/2024 10:50	6.9	79	9	9.4	0.0	28.8	35
22/04/2024 11:00	6.5	78	7	8.7	0.0	28.8	34
22/04/2024 11:10	6.2	80	7	8.5	0.0	28.8	36
22/04/2024 11:20	6.0	74	8	7.6	0.0	28.5	38
22/04/2024 11:30	6.0	76	7	8.0	0.0	28.3	40
22/04/2024 11:40	6.1	83	8	8.1	0.0	28.7	40
22/04/2024 11:50	5.5	66	10	8.1	0.0	29.1	39
22/04/2024 12:00	5.6	61	10	7.7	0.0	28.7	41
22/04/2024 12:10	5.6	55	8	7.7	0.0	28.7	43
22/04/2024 12:20	4.9	63	11	7.4	0.0	29.1	42
22/04/2024 12:30	5.3	61	10	7.1	0.0	29.2	40
22/04/2024 12:40	5.3	66	10	7.2	0.0	29.2	40
22/04/2024 12:50	5.1	60	9	7.9	0.0	29.4	39
22/04/2024 13:00	6.1	60	9	8.7	0.0	29.2	37
22/04/2024 13:10	6.3	65	9	8.4	0.0	29.1	37
22/04/2024 13:20	6.6	64	8	9.3	0.0	29.3	35
22/04/2024 13:30	6.4	68	8	8.6	0.0	29.4	34
22/04/2024 13:40	5.5	58	9	8.2	0.0	30.0	33
22/04/2024 13:50	6.4	52	9	8.5	0.0	29.7	35
22/04/2024 14:00	6.4	58	9	8.4	0.0	29.5	37
22/04/2024 14:10	6.3	57	8	8.3	0.0	29.6	36
22/04/2024 14:20	6.3	57	9	8.9	0.0	29.7	34
22/04/2024 14:30	6.4	57	9	8.7	0.0	29.7	31
22/04/2024 14:40	5.9	59	8	8.1	0.0	29.9	30
22/04/2024 14:50	6.0	58	9	7.9	0.0	30.1	32
22/04/2024 15:00	5.4	58	9	7.2	0.0	30.3	32
22/04/2024 15:10	5.6	62	8	7.7	0.0	30.3	32
22/04/2024 15:20	4.7	56	8	6.6	0.0	30.6	31
22/04/2024 15:30	5.0	41	15	8.8	0.0	30.6	31
22/04/2024 15:40	5.3	24	11	7.1	0.0	30.6	31
22/04/2024 15:50	5.9	8	13	7.9	0.0	30.3	34
22/04/2024 16:00	6.4	358	8	8.7	0.0	29.6	39
22/04/2024 16:10	6.2	183	10	8.6	0.0	29.3	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/04/2024 16:20	6.3	11	8	7.9	0.0	29.0	43
22/04/2024 16:30	6.0	5	9	7.9	0.0	29.0	44
22/04/2024 16:40	5.3	5	11	6.7	0.0	28.8	46
22/04/2024 16:50	5.2	4	9	6.7	0.0	28.7	47
22/04/2024 17:00	5.0	8	9	7.2	0.0	28.5	47
22/04/2024 17:10	5.9	3	8	7.8	0.0	28.2	47
22/04/2024 17:20	5.6	182	8	7.5	0.0	28.0	48
22/04/2024 17:30	5.6	356	7	7.3	0.0	27.9	47
22/04/2024 17:40	4.9	355	9	6.9	0.0	27.8	48
22/04/2024 17:50	5.1	5	10	7.5	0.0	27.5	52
22/04/2024 18:00	5.8	12	7	7.7	0.0	27.3	54
22/04/2024 18:10	5.1	9	8	6.7	0.0	27.3	54
22/04/2024 18:20	5.3	7	6	7.0	0.0	27.2	55
22/04/2024 18:30	4.3	5	8	6.3	0.0	27.1	55
22/04/2024 18:40	5.4	12	7	6.9	0.0	27.0	56
22/04/2024 18:50	5.2	11	8	7.0	0.0	27.0	57
22/04/2024 19:00	4.7	7	7	6.0	0.0	27.0	56
22/04/2024 19:10	3.5	353	7	5.0	0.0	26.8	58
22/04/2024 19:20	3.4	346	8	4.8	0.0	26.8	58
22/04/2024 19:30	3.4	346	10	4.7	0.0	26.8	58
22/04/2024 19:40	3.4	335	11	4.8	0.0	26.9	59
22/04/2024 19:50	3.0	344	10	4.5	0.0	26.9	59
22/04/2024 20:00	3.2	329	9	4.6	0.0	26.9	59
22/04/2024 20:10	3.2	334	10	4.5	0.0	26.9	59
22/04/2024 20:20	3.5	333	9	4.7	0.0	26.8	59
22/04/2024 20:30	3.2	326	8	4.5	0.0	26.9	59
22/04/2024 20:40	2.3	317	12	3.4	0.0	26.8	60
22/04/2024 20:50	2.1	334	10	3.1	0.0	26.8	60
22/04/2024 21:00	1.6	297	12	2.7	0.0	26.6	61
22/04/2024 21:10	1.6	293	10	2.3	0.0	26.5	61
22/04/2024 21:20	1.7	295	12	2.5	0.0	26.6	61
22/04/2024 21:30	1.8	316	8	2.4	0.0	26.3	61
22/04/2024 21:40	1.8	304	9	2.7	0.0	26.3	62
22/04/2024 21:50	2.2	289	4	2.8	0.0	26.1	63
22/04/2024 22:00	2.3	290	3	2.7	0.0	26.0	65
22/04/2024 22:10	2.3	290	5	2.9	0.0	26.0	65
22/04/2024 22:20	2.5	288	3	2.8	0.0	26.0	65
22/04/2024 22:30	2.6	293	4	3.0	0.0	25.9	66
22/04/2024 22:40	1.9	306	9	2.6	0.0	26.1	66
22/04/2024 22:50	1.1	309	8	1.5	0.0	25.8	68
22/04/2024 23:00	1.2	310	9	1.7	0.0	25.7	70
22/04/2024 23:10	1.5	282	11	2.0	0.0	25.2	72
22/04/2024 23:20	2.1	265	3	2.5	0.0	24.4	76
22/04/2024 23:30	1.5	290	8	2.1	0.0	24.3	77
22/04/2024 23:40	1.1	308	17	1.8	0.0	24.9	73
22/04/2024 23:50	1.6	260	8	2.2	0.0	24.8	74
23/04/2024 00:00	1.7	263	8	2.3	0.0	24.2	77
23/04/2024 00:10	2.1	265	3	2.5	0.0	24.0	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/04/2024 00:20	1.2	278	13	1.7	0.0	24.3	77
23/04/2024 00:30	1.2	260	8	1.9	0.0	24.3	77
23/04/2024 00:40	1.6	268	6	1.9	0.0	24.2	78
23/04/2024 00:50	1.3	277	7	1.7	0.0	24.5	78
23/04/2024 01:00	0.7	284	26	1.1	0.0	24.4	78
23/04/2024 01:10	0.5	232	34	1.1	0.0	24.1	79
23/04/2024 01:20	0.4	307	49	0.7	0.0	24.1	78
23/04/2024 01:30	0.7	177	27	1.1	0.0	24.0	79
23/04/2024 01:40	0.9	340	18	1.3	0.0	23.9	79
23/04/2024 01:50	1.0	317	11	1.2	0.0	24.5	77
23/04/2024 02:00	0.4	216	44	0.9	0.0	24.3	78
23/04/2024 02:10	1.0	70	11	1.3	0.0	23.2	81
23/04/2024 02:20	1.0	67	7	1.3	0.0	23.1	81
23/04/2024 02:30	1.0	57	3	1.2	0.0	23.1	80
23/04/2024 02:40	1.4	72	7	1.7	0.0	23.0	81
23/04/2024 02:50	1.1	59	8	1.5	0.0	23.1	83
23/04/2024 03:00	1.4	62	4	1.5	0.0	23.1	82
23/04/2024 03:10	1.3	63	7	1.4	0.0	22.8	83
23/04/2024 03:20	1.1	74	7	1.2	0.0	22.8	82
23/04/2024 03:30	1.1	71	7	1.3	0.0	23.0	82
23/04/2024 03:40	1.0	46	7	1.2	0.0	23.1	82
23/04/2024 03:50	1.1	52	5	1.4	0.0	23.4	82
23/04/2024 04:00	1.1	49	11	1.3	0.0	23.3	82
23/04/2024 04:10	1.2	54	6	1.5	0.0	22.9	83
23/04/2024 04:20	1.2	34	11	1.7	0.0	22.7	84
23/04/2024 04:30	1.6	51	11	2.7	0.0	22.6	84
23/04/2024 04:40	1.4	74	15	1.8	0.0	22.8	85
23/04/2024 04:50	1.1	51	18	1.6	0.0	22.5	86
23/04/2024 05:00	0.9	180	40	1.5	0.0	22.5	86
23/04/2024 05:10	0.7	58	55	1.2	0.0	22.6	85
23/04/2024 05:20	1.4	40	8	1.8	0.0	22.4	86
23/04/2024 05:30	1.4	42	9	1.8	0.0	22.1	87
23/04/2024 05:40	1.4	45	20	2.0	0.0	21.8	87
23/04/2024 05:50	1.1	87	28	1.8	0.0	21.6	87
23/04/2024 06:00	1.9	139	15	2.9	0.0	22.9	78
23/04/2024 06:10	1.8	136	19	2.8	0.0	23.5	74
23/04/2024 06:20	1.9	117	15	3.1	0.0	22.9	78
23/04/2024 06:30	2.1	117	15	3.3	0.0	22.4	80
23/04/2024 06:40	2.6	113	12	4.1	0.0	22.4	79
23/04/2024 06:50	2.2	112	18	4.0	0.0	22.6	78
23/04/2024 07:00	2.3	123	15	3.8	0.0	23.1	76
23/04/2024 07:10	2.2	121	14	3.5	0.0	23.3	75
23/04/2024 07:20	1.9	126	15	3.3	0.0	23.6	74
23/04/2024 07:30	2.1	114	12	3.3	0.0	23.8	71
23/04/2024 07:40	1.9	113	12	2.7	0.0	24.1	70
23/04/2024 07:50	1.6	108	18	2.5	0.0	24.5	69
23/04/2024 08:00	2.0	113	13	2.7	0.0	24.6	67
23/04/2024 08:10	2.1	111	15	3.0	0.0	24.9	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/04/2024 08:20	2.0	121	8	2.9	0.0	25.2	63
23/04/2024 08:30	2.1	125	11	3.4	0.0	25.3	63
23/04/2024 08:40	1.9	111	15	2.7	0.0	25.5	64
23/04/2024 08:50	1.9	113	18	2.7	0.0	25.9	61
23/04/2024 09:00	1.9	119	19	2.7	0.0	26.4	56
23/04/2024 09:10	1.9	129	14	3.2	0.0	26.5	53
23/04/2024 09:20	2.3	119	14	3.2	0.0	26.4	53
23/04/2024 09:30	2.7	115	12	4.0	0.0	26.4	54
23/04/2024 09:40	2.1	120	18	3.6	0.0	26.9	54
23/04/2024 09:50	3.0	114	16	4.7	0.0	27.4	49
23/04/2024 10:00	2.7	118	16	4.9	0.0	27.6	49
23/04/2024 10:10	2.9	110	15	5.0	0.0	28.2	47
23/04/2024 10:20	3.2	94	14	5.3	0.0	29.0	44
23/04/2024 10:30	3.7	94	17	6.0	0.0	29.3	40
23/04/2024 10:40	4.2	85	13	6.2	0.0	29.1	41
23/04/2024 10:50	5.5	88	8	7.8	0.0	29.7	33
23/04/2024 11:00	5.7	88	9	7.7	0.0	30.1	31
23/04/2024 11:10	6.1	88	8	8.7	0.0	30.0	31
23/04/2024 11:20	6.2	86	8	8.8	0.0	30.2	30
23/04/2024 11:30	6.1	89	9	8.3	0.0	30.1	30
23/04/2024 11:40	6.1	89	10	8.5	0.0	30.3	29
23/04/2024 11:50	7.1	85	8	9.7	0.0	30.4	25
23/04/2024 12:00	8.5	73	6	12.0	0.0	30.0	26
23/04/2024 12:10	7.5	76	8	10.6	0.0	30.1	27
23/04/2024 12:20	8.4	75	6	11.5	0.0	30.0	26
23/04/2024 12:30	8.1	77	7	10.6	0.0	29.7	29
23/04/2024 12:40	8.0	83	8	10.2	0.0	29.8	29
23/04/2024 12:50	6.8	69	9	9.3	0.0	30.1	30
23/04/2024 13:00	7.6	64	9	10.8	0.0	29.8	31
23/04/2024 13:10	8.0	61	7	10.5	0.0	29.7	31
23/04/2024 13:20	8.3	67	7	11.1	0.0	29.7	31
23/04/2024 13:30	7.4	64	7	10.0	0.0	29.9	31
23/04/2024 13:40	7.1	58	8	10.2	0.0	29.8	33
23/04/2024 13:50	7.0	54	9	9.1	0.0	29.9	33
23/04/2024 14:00	6.9	54	7	9.5	0.0	30.0	33
23/04/2024 14:10	7.0	55	9	9.1	0.0	29.8	33
23/04/2024 14:20	7.0	62	8	9.1	0.0	30.0	31
23/04/2024 14:30	7.4	61	8	10.3	0.0	30.0	30
23/04/2024 14:40	6.9	60	10	9.7	0.0	30.1	30
23/04/2024 14:50	6.9	60	7	9.3	0.0	30.2	29
23/04/2024 15:00	6.7	62	7	9.8	0.0	30.3	28
23/04/2024 15:10	6.1	64	9	9.4	0.0	30.5	28
23/04/2024 15:20	6.3	64	8	8.1	0.0	30.5	26
23/04/2024 15:30	5.7	63	10	7.8	0.0	30.6	28
23/04/2024 15:40	6.0	58	8	8.0	0.0	30.5	28
23/04/2024 15:50	5.7	60	11	8.2	0.0	30.5	30
23/04/2024 16:00	4.9	44	10	6.7	0.0	30.5	28
23/04/2024 16:10	5.3	42	13	7.3	0.0	30.6	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/04/2024 16:20	5.3	58	12	7.5	0.0	30.3	32
23/04/2024 16:30	4.8	60	9	6.8	0.0	29.8	36
23/04/2024 16:40	5.2	52	9	6.8	0.0	29.8	32
23/04/2024 16:50	5.1	39	8	6.8	0.0	29.7	32
23/04/2024 17:00	5.1	30	11	6.8	0.0	29.4	35
23/04/2024 17:10	5.4	20	10	7.2	0.0	29.0	39
23/04/2024 17:20	5.1	19	9	6.3	0.0	28.8	39
23/04/2024 17:30	5.2	25	8	7.5	0.0	28.5	40
23/04/2024 17:40	5.1	25	8	6.8	0.0	28.3	41
23/04/2024 17:50	5.2	28	9	7.0	0.0	28.2	41
23/04/2024 18:00	4.0	33	8	5.9	0.0	28.0	40
23/04/2024 18:10	4.1	29	8	5.5	0.0	27.9	44
23/04/2024 18:20	3.2	32	9	4.6	0.0	27.6	45
23/04/2024 18:30	3.6	40	10	5.3	0.0	27.5	47
23/04/2024 18:40	4.0	33	7	5.5	0.0	27.5	47
23/04/2024 18:50	3.6	27	8	5.4	0.0	27.3	48
23/04/2024 19:00	3.6	29	7	5.2	0.0	27.2	50
23/04/2024 19:10	3.3	28	8	5.0	0.0	27.1	51
23/04/2024 19:20	2.8	30	9	4.1	0.0	27.0	51
23/04/2024 19:30	3.0	30	9	4.6	0.0	26.9	53
23/04/2024 19:40	2.8	35	11	4.3	0.0	26.8	53
23/04/2024 19:50	2.5	73	7	3.3	0.0	26.2	55
23/04/2024 20:00	2.1	68	5	2.6	0.0	26.1	55
23/04/2024 20:10	2.4	68	6	3.0	0.0	26.2	55
23/04/2024 20:20	2.3	58	6	2.8	0.0	26.1	56
23/04/2024 20:30	1.3	55	6	1.8	0.0	26.0	57
23/04/2024 20:40	1.5	69	9	2.5	0.0	26.2	57
23/04/2024 20:50	0.7	98	18	1.4	0.0	26.1	57
23/04/2024 21:00	0.6	76	32	1.4	0.0	25.7	58
23/04/2024 21:10	0.3	326	58	0.5	0.0	25.5	59
23/04/2024 21:20	0.5	270	25	0.7	0.0	25.7	58
23/04/2024 21:30	0.9	266	18	1.4	0.0	25.9	58
23/04/2024 21:40	0.8	246	16	1.2	0.0	26.0	58
23/04/2024 21:50	1.2	248	14	1.8	0.0	25.4	60
23/04/2024 22:00	0.7	234	16	1.0	0.0	25.1	62
23/04/2024 22:10	1.1	253	10	1.6	0.0	25.3	64
23/04/2024 22:20	1.1	272	11	1.4	0.0	24.9	66
23/04/2024 22:30	1.6	268	5	1.9	0.0	24.7	67
23/04/2024 22:40	1.1	281	9	1.6	0.0	24.6	69
23/04/2024 22:50	0.8	256	15	1.2	0.0	24.6	69
23/04/2024 23:00	0.7	275	18	1.1	0.0	24.5	67
23/04/2024 23:10	0.2	92	36	0.5	0.0	23.8	69
23/04/2024 23:20	0.3	342	45	0.6	0.0	23.7	70
23/04/2024 23:30	0.4	18	37	0.8	0.0	24.1	68
23/04/2024 23:40	0.6	69	19	0.9	0.0	24.1	67
23/04/2024 23:50	0.6	69	25	1.1	0.0	23.8	69
24/04/2024 00:00	1.0	48	10	1.4	0.0	24.0	69
24/04/2024 00:10	0.6	174	49	1.1	0.0	24.0	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/04/2024 00:20	0.9	46	41	1.5	0.0	23.9	73
24/04/2024 00:30	0.9	43	36	1.3	0.0	23.2	76
24/04/2024 00:40	0.8	53	42	1.2	0.0	23.2	75
24/04/2024 00:50	0.9	103	51	1.9	0.0	22.9	74
24/04/2024 01:00	0.9	35	28	1.6	0.0	23.1	72
24/04/2024 01:10	1.8	99	19	2.6	0.0	23.3	71
24/04/2024 01:20	2.3	111	14	3.6	0.0	23.9	69
24/04/2024 01:30	2.2	111	13	3.3	0.0	23.9	69
24/04/2024 01:40	2.4	115	11	3.4	0.0	24.0	69
24/04/2024 01:50	2.8	117	10	3.7	0.0	24.1	69
24/04/2024 02:00	2.2	115	11	3.3	0.0	24.5	66
24/04/2024 02:10	1.9	113	14	2.8	0.0	24.4	64
24/04/2024 02:20	2.5	107	14	4.2	0.0	24.3	64
24/04/2024 02:30	1.9	106	17	3.1	0.0	24.1	66
24/04/2024 02:40	1.6	99	22	2.4	0.0	23.3	71
24/04/2024 02:50	1.5	126	11	2.5	0.0	24.4	61
24/04/2024 03:00	1.0	115	20	1.9	0.0	24.4	60
24/04/2024 03:10	1.3	122	16	2.1	0.0	24.2	61
24/04/2024 03:20	1.1	174	21	1.9	0.0	24.5	60
24/04/2024 03:30	1.0	180	22	2.0	0.0	24.5	59
24/04/2024 03:40	1.1	130	25	2.0	0.0	24.2	59
24/04/2024 03:50	1.4	122	9	2.0	0.0	24.7	56
24/04/2024 04:00	1.3	119	17	2.0	0.0	24.5	55
24/04/2024 04:10	0.4	131	68	0.8	0.0	23.9	57
24/04/2024 04:20	0.9	123	32	2.1	0.0	23.7	56
24/04/2024 04:30	1.9	146	19	3.6	0.0	24.5	49
24/04/2024 04:40	1.5	132	29	3.4	0.0	24.2	48
24/04/2024 04:50	1.0	171	49	2.1	0.0	24.1	49
24/04/2024 05:00	1.7	157	25	3.2	0.0	23.9	48
24/04/2024 05:10	1.5	141	26	2.9	0.0	23.9	47
24/04/2024 05:20	2.0	119	21	3.9	0.0	24.0	46
24/04/2024 05:30	1.8	117	22	3.4	0.0	23.7	47
24/04/2024 05:40	2.7	110	20	4.5	0.0	23.5	48
24/04/2024 05:50	2.1	124	13	3.2	0.0	24.0	47
24/04/2024 06:00	3.1	110	14	5.2	0.0	23.6	51
24/04/2024 06:10	4.9	112	11	7.4	0.0	24.3	46
24/04/2024 06:20	5.4	110	9	8.3	0.0	24.7	43
24/04/2024 06:30	4.8	111	10	6.6	0.0	24.7	41
24/04/2024 06:40	5.0	111	10	7.9	0.0	24.7	40
24/04/2024 06:50	5.5	109	11	9.1	0.0	24.9	39
24/04/2024 07:00	6.0	110	12	8.7	0.0	25.0	39
24/04/2024 07:10	5.6	107	12	9.1	0.0	25.2	39
24/04/2024 07:20	6.3	108	10	9.8	0.0	25.4	38
24/04/2024 07:30	6.2	109	11	9.0	0.0	25.5	38
24/04/2024 07:40	5.3	108	12	7.8	0.0	25.6	39
24/04/2024 07:50	5.5	109	12	9.4	0.0	25.5	38
24/04/2024 08:00	5.1	110	11	7.8	0.0	25.4	39
24/04/2024 08:10	5.7	110	11	8.3	0.0	25.7	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/04/2024 08:20	4.9	114	11	8.3	0.0	26.0	38
24/04/2024 08:30	3.3	117	15	5.8	0.0	26.4	38
24/04/2024 08:40	4.5	112	10	6.7	0.0	26.5	38
24/04/2024 08:50	6.2	109	11	9.3	0.0	27.2	37
24/04/2024 09:00	6.0	106	12	9.2	0.0	27.9	35
24/04/2024 09:10	6.7	102	11	9.8	0.0	27.9	34
24/04/2024 09:20	6.4	98	13	9.5	0.0	28.0	35
24/04/2024 09:30	7.0	95	11	10.1	0.0	27.9	34
24/04/2024 09:40	6.6	94	9	10.0	0.0	28.1	35
24/04/2024 09:50	6.7	97	12	9.6	0.0	28.4	34
24/04/2024 10:00	6.2	97	11	8.5	0.0	28.7	34
24/04/2024 10:10	6.1	105	13	9.0	0.0	28.7	34
24/04/2024 10:20	5.8	107	11	8.6	0.0	28.6	35
24/04/2024 10:30	5.9	108	11	8.6	0.0	29.4	34
24/04/2024 10:40	5.3	108	11	7.7	0.0	29.1	34
24/04/2024 10:50	6.1	91	10	8.5	0.0	29.3	34
24/04/2024 11:00	6.1	89	8	9.1	0.0	29.5	34
24/04/2024 11:10	6.8	88	8	9.6	0.0	29.9	33
24/04/2024 11:20	7.6	88	7	10.8	0.0	29.4	32
24/04/2024 11:30	6.8	88	7	10.3	0.0	29.4	35
24/04/2024 11:40	6.5	88	9	8.8	0.0	29.7	34
24/04/2024 11:50	7.0	88	8	9.7	0.0	29.4	35
24/04/2024 12:00	6.2	84	9	8.9	0.0	29.6	34
24/04/2024 12:10	6.6	82	10	9.0	0.0	29.7	33
24/04/2024 12:20	6.0	83	8	8.1	0.0	29.5	35
24/04/2024 12:30	5.9	80	8	8.1	0.0	29.3	36
24/04/2024 12:40	5.6	79	11	8.0	0.0	29.7	36
24/04/2024 12:50	5.9	82	8	8.4	0.0	29.9	35
24/04/2024 13:00	6.2	81	9	9.1	0.0	30.1	35
24/04/2024 13:10	6.1	78	10	8.1	0.0	30.0	35
24/04/2024 13:20	6.3	72	7	8.5	0.0	29.6	36
24/04/2024 13:30	6.7	73	6	9.0	0.0	29.6	35
24/04/2024 13:40	6.6	73	7	8.8	0.0	29.5	35
24/04/2024 13:50	6.9	75	8	9.2	0.0	29.3	34
24/04/2024 14:00	5.7	77	11	8.2	0.0	29.7	32
24/04/2024 14:10	5.3	75	11	7.9	0.0	30.0	31
24/04/2024 14:20	5.3	78	10	7.5	0.0	30.3	31
24/04/2024 14:30	4.7	70	11	6.5	0.0	30.3	33
24/04/2024 14:40	4.8	60	10	6.8	0.0	30.1	32
24/04/2024 14:50	5.0	60	8	7.1	0.0	29.6	33
24/04/2024 15:00	4.8	60	7	6.8	0.0	29.3	35
24/04/2024 15:10	4.6	56	9	6.2	0.0	29.4	36
24/04/2024 15:20	4.5	58	8	6.3	0.0	29.8	34
24/04/2024 15:30	4.2	57	8	6.0	0.0	29.5	36
24/04/2024 15:40	4.0	61	9	5.4	0.0	29.4	36
24/04/2024 15:50	4.0	58	8	5.8	0.0	29.3	35
24/04/2024 16:00	3.6	56	9	5.1	0.0	29.3	36
24/04/2024 16:10	3.5	60	9	4.8	0.0	29.1	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/04/2024 16:20	3.9	64	8	5.4	0.0	29.0	38
24/04/2024 16:30	3.6	60	7	5.1	0.0	28.9	39
24/04/2024 16:40	3.4	58	7	4.9	0.0	28.7	40
24/04/2024 16:50	3.2	53	6	4.3	0.0	28.6	43
24/04/2024 17:00	2.7	58	6	3.4	0.0	28.4	45
24/04/2024 17:10	2.5	58	6	3.2	0.0	28.3	45
24/04/2024 17:20	2.4	64	7	3.1	0.0	28.2	46
24/04/2024 17:30	2.7	63	6	3.4	0.0	28.1	48
24/04/2024 17:40	2.5	60	5	3.2	0.0	27.9	49
24/04/2024 17:50	2.4	57	5	3.1	0.0	27.7	51
24/04/2024 18:00	2.9	66	4	3.6	0.0	27.4	52
24/04/2024 18:10	2.3	68	6	3.0	0.0	27.1	55
24/04/2024 18:20	1.7	77	8	2.3	0.0	27.1	54
24/04/2024 18:30	1.4	96	12	2.0	0.0	27.1	55
24/04/2024 18:40	1.0	69	12	1.4	0.0	26.7	58
24/04/2024 18:50	0.7	98	18	1.3	0.0	26.5	58
24/04/2024 19:00	0.6	87	28	0.9	0.0	26.8	58
24/04/2024 19:10	1.3	72	10	1.8	0.0	26.5	59
24/04/2024 19:20	1.6	69	10	2.3	0.0	26.3	61
24/04/2024 19:30	1.5	63	7	1.9	0.0	26.3	61
24/04/2024 19:40	1.4	71	9	2.1	0.0	26.2	63
24/04/2024 19:50	1.1	78	23	2.0	0.0	26.0	64
24/04/2024 20:00	0.8	69	23	1.5	0.0	26.1	63
24/04/2024 20:10	1.6	44	10	2.2	0.0	25.8	67
24/04/2024 20:20	1.8	44	9	2.7	0.0	25.9	67
24/04/2024 20:30	1.2	84	12	1.8	0.0	26.2	65
24/04/2024 20:40	1.7	75	9	2.5	0.0	26.0	67
24/04/2024 20:50	1.5	57	11	2.5	0.0	25.5	69
24/04/2024 21:00	1.0	58	22	1.8	0.0	25.7	69
24/04/2024 21:10	1.1	52	18	1.8	0.0	25.7	70
24/04/2024 21:20	1.2	52	10	1.7	0.0	25.6	71
24/04/2024 21:30	1.1	46	12	1.5	0.0	25.6	72
24/04/2024 21:40	0.7	48	13	1.3	0.0	25.5	72
24/04/2024 21:50	0.9	29	11	1.2	0.0	25.7	71
24/04/2024 22:00	1.2	11	10	1.6	0.0	25.7	71
24/04/2024 22:10	0.7	51	20	1.1	0.0	26.1	68
24/04/2024 22:20	0.6	83	13	0.8	0.0	26.0	68
24/04/2024 22:30	0.6	66	12	0.8	0.0	25.5	69
24/04/2024 22:40	0.9	54	11	1.7	0.0	25.2	71
24/04/2024 22:50	1.0	82	22	1.9	0.0	25.2	69
24/04/2024 23:00	0.8	57	43	1.8	0.0	25.3	67
24/04/2024 23:10	0.5	61	51	1.4	0.0	25.3	65
24/04/2024 23:20	0.8	49	22	1.6	0.0	25.3	64
24/04/2024 23:30	0.6	71	24	1.5	0.0	25.4	62
24/04/2024 23:40	0.9	100	20	1.6	0.0	25.5	62
24/04/2024 23:50	0.6	61	24	1.2	0.0	25.2	63
25/04/2024 00:00	0.6	59	36	1.3	0.0	25.2	63
25/04/2024 00:10	0.5	89	61	1.1	0.0	25.2	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/04/2024 00:20	0.6	198	38	1.3	0.0	25.3	61
25/04/2024 00:30	0.7	194	15	1.2	0.0	25.4	59
25/04/2024 00:40	1.0	157	21	2.0	0.0	25.6	56
25/04/2024 00:50	1.8	173	10	2.6	0.0	26.2	51
25/04/2024 01:00	1.7	172	11	3.0	0.0	26.4	49
25/04/2024 01:10	1.8	173	14	2.9	0.0	26.4	48
25/04/2024 01:20	2.1	175	11	3.2	0.0	26.4	46
25/04/2024 01:30	1.7	171	14	3.3	0.0	26.2	46
25/04/2024 01:40	1.9	170	17	3.1	0.0	26.1	45
25/04/2024 01:50	2.0	175	12	3.2	0.0	26.0	44
25/04/2024 02:00	2.5	174	9	3.3	0.0	26.0	42
25/04/2024 02:10	2.1	169	13	3.5	0.0	26.0	41
25/04/2024 02:20	2.1	171	11	3.2	0.0	26.1	40
25/04/2024 02:30	1.4	159	23	2.3	0.0	26.1	39
25/04/2024 02:40	1.9	165	16	3.2	0.0	26.1	39
25/04/2024 02:50	1.9	171	14	3.0	0.0	26.2	39
25/04/2024 03:00	1.1	159	21	2.1	0.0	26.2	38
25/04/2024 03:10	1.2	184	31	2.2	0.0	25.9	39
25/04/2024 03:20	1.7	172	13	3.3	0.0	26.4	37
25/04/2024 03:30	1.6	168	19	3.1	0.0	26.5	36
25/04/2024 03:40	2.6	141	16	4.5	0.0	27.3	33
25/04/2024 03:50	3.2	134	15	5.1	0.0	27.5	33
25/04/2024 04:00	2.9	127	24	5.1	0.0	27.1	35
25/04/2024 04:10	2.6	110	20	4.4	0.0	26.8	37
25/04/2024 04:20	3.0	107	12	4.6	0.0	26.3	39
25/04/2024 04:30	2.3	116	17	3.7	0.0	26.2	39
25/04/2024 04:40	2.5	111	13	3.9	0.0	26.2	40
25/04/2024 04:50	1.8	103	16	3.0	0.0	25.2	44
25/04/2024 05:00	1.6	100	20	2.6	0.0	25.0	46
25/04/2024 05:10	1.5	110	15	2.1	0.0	24.8	47
25/04/2024 05:20	1.5	112	14	2.3	0.0	25.0	48
25/04/2024 05:30	1.3	108	13	2.1	0.0	24.8	49
25/04/2024 05:40	1.3	117	15	1.8	0.0	24.8	49
25/04/2024 05:50	1.4	116	14	2.2	0.0	24.9	48
25/04/2024 06:00	1.9	110	16	3.1	0.0	24.8	48
25/04/2024 06:10	1.9	115	10	2.8	0.0	25.0	46
25/04/2024 06:20	1.9	119	9	2.7	0.0	24.8	47
25/04/2024 06:30	2.1	119	10	3.4	0.0	24.9	46
25/04/2024 06:40	2.4	119	11	3.4	0.0	24.8	48
25/04/2024 06:50	2.8	116	7	3.6	0.0	24.6	51
25/04/2024 07:00	2.8	117	12	4.0	0.0	24.3	55
25/04/2024 07:10	3.4	112	10	4.9	0.0	24.6	55
25/04/2024 07:20	3.4	108	12	5.2	0.0	25.1	53
25/04/2024 07:30	4.3	105	12	6.9	0.0	26.3	46
25/04/2024 07:40	4.9	101	13	8.6	0.0	26.9	43
25/04/2024 07:50	4.9	108	12	7.5	0.0	27.0	45
25/04/2024 08:00	5.0	109	9	7.1	0.0	26.8	47
25/04/2024 08:10	4.3	111	10	6.3	0.0	26.9	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/04/2024 08:20	4.3	111	10	6.3	0.0	27.1	45
25/04/2024 08:30	4.2	112	10	6.4	0.0	27.3	44
25/04/2024 08:40	4.0	113	12	6.0	0.0	27.4	44
25/04/2024 08:50	4.3	113	11	6.4	0.0	27.7	46
25/04/2024 09:00	4.7	113	11	6.7	0.0	27.9	45
25/04/2024 09:10	5.2	111	11	7.5	0.0	28.6	42
25/04/2024 09:20	5.5	108	12	7.9	0.0	29.2	38
25/04/2024 09:30	5.1	101	13	7.7	0.0	29.4	37
25/04/2024 09:40	5.8	93	9	7.9	0.0	29.6	38
25/04/2024 09:50	5.7	89	8	7.6	0.0	29.7	38
25/04/2024 10:00	6.3	87	8	9.0	0.0	30.2	36
25/04/2024 10:10	5.8	87	10	8.8	0.0	30.4	36
25/04/2024 10:20	6.5	85	9	9.1	0.0	30.2	37
25/04/2024 10:30	7.0	87	8	9.8	0.0	30.2	37
25/04/2024 10:40	6.9	88	8	9.8	0.0	30.1	38
25/04/2024 10:50	5.8	86	8	8.2	0.0	30.7	37
25/04/2024 11:00	6.0	83	10	9.0	0.0	30.9	37
25/04/2024 11:10	6.1	79	10	8.7	0.0	30.9	37
25/04/2024 11:20	6.7	76	9	9.0	0.0	30.7	37
25/04/2024 11:30	7.7	73	7	10.4	0.0	30.6	37
25/04/2024 11:40	8.2	73	6	11.1	0.0	30.4	38
25/04/2024 11:50	7.9	79	9	10.7	0.0	30.5	37
25/04/2024 12:00	6.9	83	8	10.2	0.0	30.9	38
25/04/2024 12:10	5.8	79	12	8.7	0.0	31.5	38
25/04/2024 12:20	6.0	71	9	8.8	0.0	31.4	38
25/04/2024 12:30	6.2	68	9	8.7	0.0	31.3	38
25/04/2024 12:40	6.9	67	8	9.9	0.0	30.9	39
25/04/2024 12:50	6.5	74	10	8.8	0.0	31.2	38
25/04/2024 13:00	5.9	69	10	8.5	0.0	31.2	38
25/04/2024 13:10	6.0	73	9	8.0	0.0	31.5	37
25/04/2024 13:20	6.6	71	11	9.4	0.0	31.5	36
25/04/2024 13:30	6.7	66	8	9.3	0.0	31.1	37
25/04/2024 13:40	6.9	66	8	9.4	0.0	31.2	38
25/04/2024 13:50	7.1	65	8	9.9	0.0	30.8	40
25/04/2024 14:00	7.1	66	8	9.5	0.0	30.9	39
25/04/2024 14:10	7.4	63	9	10.0	0.0	30.9	39
25/04/2024 14:20	7.3	66	10	10.0	0.0	30.7	41
25/04/2024 14:30	7.6	69	8	10.3	0.0	30.7	41
25/04/2024 14:40	7.6	62	8	9.9	0.0	30.5	43
25/04/2024 14:50	7.3	67	7	9.8	0.0	30.4	43
25/04/2024 15:00	7.1	66	8	9.2	0.0	30.3	44
25/04/2024 15:10	7.2	68	8	10.2	0.0	30.1	43
25/04/2024 15:20	6.3	66	9	8.6	0.0	30.4	44
25/04/2024 15:30	6.3	66	10	8.6	0.0	30.4	43
25/04/2024 15:40	6.1	68	9	8.1	0.0	30.2	44
25/04/2024 15:50	6.1	69	9	9.0	0.0	30.2	44
25/04/2024 16:00	6.8	63	8	9.0	0.0	29.9	45
25/04/2024 16:10	6.6	59	7	8.5	0.0	29.8	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/04/2024 16:20	6.2	62	6	8.4	0.0	29.6	49
25/04/2024 16:30	5.1	60	8	7.3	0.0	29.6	51
25/04/2024 16:40	5.7	54	7	7.4	0.0	29.2	53
25/04/2024 16:50	5.7	56	7	7.4	0.0	28.9	54
25/04/2024 17:00	5.3	59	7	7.0	0.0	28.7	55
25/04/2024 17:10	5.0	60	8	6.7	0.0	28.6	57
25/04/2024 17:20	5.1	57	7	6.7	0.0	28.4	59
25/04/2024 17:30	5.1	57	7	6.6	0.0	28.1	60
25/04/2024 17:40	4.7	58	6	6.1	0.0	27.8	62
25/04/2024 17:50	4.6	58	7	6.0	0.0	27.7	62
25/04/2024 18:00	4.2	56	5	5.6	0.0	27.4	66
25/04/2024 18:10	4.6	55	5	6.1	0.0	27.3	66
25/04/2024 18:20	3.6	53	5	4.9	0.0	27.2	66
25/04/2024 18:30	3.9	56	5	5.6	0.0	27.1	65
25/04/2024 18:40	3.9	56	5	5.2	0.0	27.2	64
25/04/2024 18:50	3.1	54	4	3.7	0.0	26.9	67
25/04/2024 19:00	2.6	47	7	3.5	0.0	26.9	61
25/04/2024 19:10	2.7	32	9	4.2	0.0	27.4	63
25/04/2024 19:20	3.4	36	8	5.0	0.0	27.5	64
25/04/2024 19:30	3.4	43	8	4.8	0.0	27.4	64
25/04/2024 19:40	3.9	48	6	5.8	0.0	27.6	61
25/04/2024 19:50	3.0	45	8	4.1	0.0	27.5	60
25/04/2024 20:00	2.3	31	13	3.9	0.0	27.4	63
25/04/2024 20:10	4.6	15	10	6.6	0.0	27.2	68
25/04/2024 20:20	5.3	7	9	6.8	0.0	27.2	68
25/04/2024 20:30	5.4	357	7	7.3	0.0	27.0	73
25/04/2024 20:40	5.9	180	6	7.7	0.0	26.8	75
25/04/2024 20:50	5.2	5	8	6.8	0.0	26.8	77
25/04/2024 21:00	3.9	8	12	5.9	0.0	26.6	79
25/04/2024 21:10	1.1	136	69	3.5	0.0	26.5	79
25/04/2024 21:20	2.0	108	17	2.7	0.0	26.5	79
25/04/2024 21:30	1.3	46	19	2.0	0.0	26.5	78
25/04/2024 21:40	2.0	45	14	2.7	0.0	26.3	78
25/04/2024 21:50	1.2	78	15	1.9	0.0	25.8	79
25/04/2024 22:00	1.0	65	11	1.5	0.0	25.5	82
25/04/2024 22:10	1.7	69	6	2.3	0.0	25.4	82
25/04/2024 22:20	2.4	49	5	2.9	0.0	25.4	83
25/04/2024 22:30	2.5	55	6	2.9	0.0	25.4	84
25/04/2024 22:40	2.4	77	4	2.9	0.0	25.3	86
25/04/2024 22:50	2.4	69	8	2.9	0.0	25.2	87
25/04/2024 23:00	2.0	60	8	2.6	0.0	25.0	89
25/04/2024 23:10	1.6	52	11	2.0	0.0	25.1	89
25/04/2024 23:20	1.7	14	4	2.0	0.0	25.2	89
25/04/2024 23:30	2.0	64	18	2.7	0.0	25.4	89
25/04/2024 23:40	2.1	138	11	3.0	0.0	25.4	90
25/04/2024 23:50	2.2	113	14	3.5	0.0	25.7	90
26/04/2024 00:00	1.9	110	16	3.2	0.0	25.4	91
26/04/2024 00:10	2.0	134	12	3.1	0.0	25.2	90



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/04/2024 00:20	2.3	133	11	3.4	0.0	25.2	87
26/04/2024 00:30	1.9	133	9	2.8	0.0	25.2	85
26/04/2024 00:40	1.5	130	20	2.4	0.0	25.3	85
26/04/2024 00:50	1.3	102	22	2.6	0.0	24.9	86
26/04/2024 01:00	1.7	109	17	2.7	0.0	24.7	87
26/04/2024 01:10	1.5	113	18	2.6	0.0	24.7	86
26/04/2024 01:20	1.7	121	15	2.7	0.0	24.9	86
26/04/2024 01:30	0.8	229	33	1.4	0.0	25.0	85
26/04/2024 01:40	0.9	80	36	2.0	0.0	24.8	86
26/04/2024 01:50	2.5	120	17	4.5	0.0	24.8	86
26/04/2024 02:00	1.8	124	23	3.7	0.0	24.9	85
26/04/2024 02:10	4.2	115	10	6.4	0.0	25.0	85
26/04/2024 02:20	4.2	111	10	6.1	0.0	25.1	83
26/04/2024 02:30	3.9	113	11	5.8	0.0	25.3	81
26/04/2024 02:40	3.0	113	10	4.7	0.0	25.3	79
26/04/2024 02:50	2.4	107	14	3.4	0.0	25.2	79
26/04/2024 03:00	2.9	115	10	4.1	0.0	25.3	77
26/04/2024 03:10	2.2	107	13	3.6	0.0	25.2	77
26/04/2024 03:20	1.9	102	17	3.5	0.0	25.2	77
26/04/2024 03:30	2.1	96	10	3.2	0.0	25.3	77
26/04/2024 03:40	2.0	111	13	3.6	0.0	25.4	77
26/04/2024 03:50	3.0	118	10	4.4	0.0	25.4	76
26/04/2024 04:00	2.5	122	12	3.9	0.0	25.3	76
26/04/2024 04:10	2.2	124	13	3.3	0.0	25.3	76
26/04/2024 04:20	2.4	124	12	3.3	0.0	25.2	74
26/04/2024 04:30	2.6	123	10	3.7	0.0	25.1	72
26/04/2024 04:40	3.2	119	8	3.9	0.0	25.2	71
26/04/2024 04:50	3.2	116	10	4.1	0.0	25.2	71
26/04/2024 05:00	2.8	122	11	3.8	0.0	25.1	71
26/04/2024 05:10	3.2	116	10	4.4	0.0	25.0	71
26/04/2024 05:20	3.1	116	9	4.3	0.0	25.0	72
26/04/2024 05:30	2.3	113	13	3.4	0.0	24.9	72
26/04/2024 05:40	2.7	112	10	3.8	0.0	24.7	72
26/04/2024 05:50	3.0	116	9	4.1	0.0	24.9	71
26/04/2024 06:00	2.3	103	13	3.7	0.0	24.7	72
26/04/2024 06:10	2.0	83	7	3.0	0.0	24.2	71
26/04/2024 06:20	1.8	86	9	2.6	0.0	24.3	69
26/04/2024 06:30	2.3	83	6	3.0	0.0	24.4	68
26/04/2024 06:40	2.9	80	4	3.4	0.0	24.8	66
26/04/2024 06:50	3.3	78	4	4.2	0.0	25.1	64
26/04/2024 07:00	3.3	79	5	4.0	0.0	25.2	61
26/04/2024 07:10	3.5	78	4	4.0	0.0	25.3	61
26/04/2024 07:20	3.5	79	5	4.7	0.0	25.5	60
26/04/2024 07:30	3.5	79	6	4.5	0.0	25.6	59
26/04/2024 07:40	3.4	81	5	4.6	0.0	25.7	58
26/04/2024 07:50	3.8	84	4	5.0	0.0	26.0	55
26/04/2024 08:00	3.7	86	7	5.8	0.0	26.3	52
26/04/2024 08:10	4.0	91	9	5.7	0.0	26.7	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/04/2024 08:20	3.7	96	11	5.1	0.0	26.9	49
26/04/2024 08:30	3.8	97	11	5.7	0.0	27.4	47
26/04/2024 08:40	3.8	97	10	5.9	0.0	27.6	49
26/04/2024 08:50	3.7	97	11	5.1	0.0	27.7	49
26/04/2024 09:00	4.1	98	10	6.5	0.0	28.0	47
26/04/2024 09:10	4.6	99	11	6.5	0.0	28.0	46
26/04/2024 09:20	5.1	97	11	7.9	0.0	28.1	45
26/04/2024 09:30	5.4	95	9	8.0	0.0	28.3	45
26/04/2024 09:40	5.9	92	7	7.7	0.0	28.8	44
26/04/2024 09:50	6.5	92	7	9.7	0.0	28.7	44
26/04/2024 10:00	6.6	88	7	9.4	0.0	28.9	42
26/04/2024 10:10	6.8	89	7	9.6	0.0	28.8	43
26/04/2024 10:20	6.6	84	7	8.5	0.0	28.9	40
26/04/2024 10:30	7.4	89	6	9.8	0.0	28.6	40
26/04/2024 10:40	6.7	81	7	8.7	0.0	28.8	41
26/04/2024 10:50	6.1	81	9	8.3	0.0	29.0	41
26/04/2024 11:00	6.0	83	8	8.7	0.0	28.8	42
26/04/2024 11:10	7.0	75	6	9.1	0.0	28.3	43
26/04/2024 11:20	7.3	74	6	9.3	0.0	28.1	44
26/04/2024 11:30	7.4	75	6	9.6	0.0	28.1	44
26/04/2024 11:40	7.5	74	6	9.3	0.0	28.2	43
26/04/2024 11:50	7.0	77	6	9.2	0.0	28.5	43
26/04/2024 12:00	6.8	76	7	8.9	0.0	28.3	44
26/04/2024 12:10	6.4	77	6	8.2	0.0	28.3	46
26/04/2024 12:20	6.7	86	7	8.4	0.0	28.7	46
26/04/2024 12:30	6.7	86	6	8.5	0.0	28.8	46
26/04/2024 12:40	6.5	79	8	8.1	0.0	28.5	45
26/04/2024 12:50	6.2	88	5	8.0	0.0	28.6	47
26/04/2024 13:00	6.3	88	6	8.6	0.0	29.0	47
26/04/2024 13:10	6.5	88	6	8.2	0.0	29.0	47
26/04/2024 13:20	5.8	88	7	8.2	0.0	29.0	49
26/04/2024 13:30	6.3	85	7	8.3	0.0	29.2	49
26/04/2024 13:40	5.6	82	8	7.4	0.0	29.3	49
26/04/2024 13:50	6.0	66	10	8.2	0.0	29.2	50
26/04/2024 14:00	6.6	59	7	8.7	0.0	29.0	51
26/04/2024 14:10	6.2	71	9	8.7	0.0	29.1	48
26/04/2024 14:20	6.2	65	8	8.4	0.0	29.3	49
26/04/2024 14:30	6.7	60	7	8.8	0.0	28.7	51
26/04/2024 14:40	6.6	62	7	8.3	0.0	28.7	53
26/04/2024 14:50	6.4	67	8	8.3	0.0	28.7	54
26/04/2024 15:00	6.3	59	7	8.1	0.0	28.6	55
26/04/2024 15:10	5.6	67	9	7.7	0.0	28.5	56
26/04/2024 15:20	4.7	65	9	6.8	0.0	28.6	56
26/04/2024 15:30	4.7	61	8	6.1	0.0	28.6	57
26/04/2024 15:40	4.3	63	9	5.7	0.0	28.5	58
26/04/2024 15:50	4.1	58	10	5.5	0.0	28.6	57
26/04/2024 16:00	3.8	51	9	5.4	0.0	28.6	58
26/04/2024 16:10	4.7	57	9	6.2	0.0	28.3	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/04/2024 16:20	4.3	57	9	6.1	0.0	28.3	58
26/04/2024 16:30	4.3	54	7	5.9	0.0	28.2	60
26/04/2024 16:40	4.6	49	6	6.0	0.0	28.0	61
26/04/2024 16:50	4.5	48	8	5.8	0.0	27.9	62
26/04/2024 17:00	4.5	49	7	5.9	0.0	27.9	63
26/04/2024 17:10	4.1	47	9	5.8	0.0	28.0	63
26/04/2024 17:20	4.1	49	7	5.9	0.0	27.9	63
26/04/2024 17:30	4.8	51	8	6.5	0.0	27.7	65
26/04/2024 17:40	4.5	53	5	6.2	0.0	27.5	66
26/04/2024 17:50	4.1	55	6	5.5	0.0	27.4	67
26/04/2024 18:00	3.3	56	5	4.3	0.0	27.2	69
26/04/2024 18:10	3.1	53	5	3.8	0.0	27.0	70
26/04/2024 18:20	2.7	53	5	3.5	0.0	26.9	71
26/04/2024 18:30	1.9	43	8	2.8	0.0	26.8	72
26/04/2024 18:40	1.2	41	14	2.0	0.0	26.7	72
26/04/2024 18:50	1.4	59	10	2.0	0.0	26.8	72
26/04/2024 19:00	2.1	56	6	2.7	0.0	26.9	72
26/04/2024 19:10	2.7	63	5	3.2	0.0	26.9	72
26/04/2024 19:20	2.2	54	5	2.8	0.0	26.8	73
26/04/2024 19:30	2.0	17	13	3.0	0.0	26.8	73
26/04/2024 19:40	2.1	26	12	2.8	0.0	27.2	71
26/04/2024 19:50	2.0	27	11	2.8	0.0	27.0	72
26/04/2024 20:00	2.8	25	9	3.9	0.0	27.0	73
26/04/2024 20:10	3.0	23	10	4.2	0.0	27.0	74
26/04/2024 20:20	2.9	16	9	4.0	0.0	27.0	74
26/04/2024 20:30	1.3	349	26	2.5	0.0	26.9	75
26/04/2024 20:40	0.6	239	59	1.3	0.0	26.8	75
26/04/2024 20:50	0.4	301	37	0.9	0.0	26.8	76
26/04/2024 21:00	0.4	83	63	0.9	0.0	26.7	76
26/04/2024 21:10	0.9	53	20	1.5	0.0	26.7	77
26/04/2024 21:20	1.0	50	13	1.5	0.0	26.6	78
26/04/2024 21:30	0.7	70	18	1.3	0.0	26.4	79
26/04/2024 21:40	0.5	179	33	0.8	0.0	26.2	80
26/04/2024 21:50	0.4	300	29	0.6	0.0	26.2	80
26/04/2024 22:00	0.7	230	9	0.9	0.0	26.2	79
26/04/2024 22:10	1.1	199	9	1.4	0.0	26.3	79
26/04/2024 22:20	1.1	178	22	1.5	0.0	26.2	79
26/04/2024 22:30	0.7	36	13	1.1	0.0	26.0	80
26/04/2024 22:40	0.7	55	14	0.9	0.0	26.0	81
26/04/2024 22:50	0.7	42	19	1.0	0.0	25.8	81
26/04/2024 23:00	1.1	22	5	1.3	0.0	25.5	84
26/04/2024 23:10	1.2	43	10	1.7	0.0	25.3	86
26/04/2024 23:20	0.7	41	13	1.1	0.0	25.2	88
26/04/2024 23:30	1.2	30	8	1.5	0.0	25.1	88
26/04/2024 23:40	1.2	52	6	1.5	0.0	25.1	87
26/04/2024 23:50	1.1	46	5	1.4	0.0	25.1	86
27/04/2024 00:00	0.8	66	11	1.3	0.0	25.1	86
27/04/2024 00:10	0.8	50	23	1.5	0.0	25.1	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/04/2024 00:20	0.8	49	28	1.2	0.0	25.2	86
27/04/2024 00:30	0.8	43	7	1.1	0.0	25.2	87
27/04/2024 00:40	0.6	189	57	1.0	0.0	25.0	87
27/04/2024 00:50	0.6	44	42	1.4	0.0	24.8	88
27/04/2024 01:00	0.6	56	48	1.3	0.0	24.8	88
27/04/2024 01:10	0.5	107	51	1.0	0.0	24.8	89
27/04/2024 01:20	0.6	57	30	1.4	0.0	24.7	89
27/04/2024 01:30	0.6	55	17	1.1	0.0	24.6	89
27/04/2024 01:40	0.5	65	49	1.0	0.0	24.6	89
27/04/2024 01:50	0.7	51	18	1.6	0.0	24.6	90
27/04/2024 02:00	1.4	60	22	2.2	0.0	24.4	90
27/04/2024 02:10	1.0	79	16	1.7	0.0	24.4	90
27/04/2024 02:20	0.8	58	16	1.7	0.0	24.4	90
27/04/2024 02:30	0.7	63	22	1.4	0.0	24.2	91
27/04/2024 02:40	0.3	91	53	0.6	0.0	24.3	91
27/04/2024 02:50	0.3	118	70	1.0	0.0	24.2	92
27/04/2024 03:00	0.5	54	28	1.1	0.0	24.3	92
27/04/2024 03:10	0.7	56	30	1.3	0.0	24.4	91
27/04/2024 03:20	0.7	83	29	1.4	0.0	24.4	91
27/04/2024 03:30	1.1	52	19	1.6	0.0	24.4	91
27/04/2024 03:40	1.2	51	12	1.7	0.0	24.3	91
27/04/2024 03:50	0.7	31	26	1.1	0.0	24.1	91
27/04/2024 04:00	0.6	197	44	1.2	0.0	24.1	90
27/04/2024 04:10	0.5	209	43	0.9	0.0	24.2	89
27/04/2024 04:20	0.5	75	50	1.1	0.0	24.3	87
27/04/2024 04:30	0.6	84	47	1.1	0.0	24.4	87
27/04/2024 04:40	0.9	26	14	1.3	0.0	24.3	86
27/04/2024 04:50	0.9	50	8	1.2	0.0	24.6	85
27/04/2024 05:00	1.0	91	17	1.8	0.0	24.5	84
27/04/2024 05:10	0.9	54	29	1.5	0.0	24.4	84
27/04/2024 05:20	1.5	75	18	2.1	0.0	24.1	85
27/04/2024 05:30	1.2	105	16	1.7	0.0	24.0	86
27/04/2024 05:40	1.3	114	22	2.5	0.0	24.3	84
27/04/2024 05:50	1.7	114	16	2.5	0.0	24.4	84
27/04/2024 06:00	1.1	86	44	2.2	0.0	24.2	85
27/04/2024 06:10	0.9	66	20	1.6	0.0	23.9	86
27/04/2024 06:20	0.8	48	20	1.4	0.0	23.8	87
27/04/2024 06:30	1.1	40	12	1.5	0.0	23.7	88
27/04/2024 06:40	1.1	57	11	1.8	0.0	23.6	88
27/04/2024 06:50	1.1	63	10	1.5	0.0	23.6	88
27/04/2024 07:00	1.1	80	13	1.6	0.0	23.8	88
27/04/2024 07:10	1.1	75	16	1.6	0.0	24.2	87
27/04/2024 07:20	1.3	93	17	2.2	0.0	24.8	84
27/04/2024 07:30	1.6	96	15	2.3	0.0	25.3	80
27/04/2024 07:40	2.1	106	12	3.0	0.0	25.7	74
27/04/2024 07:50	2.6	107	8	3.3	0.0	26.0	69
27/04/2024 08:00	2.9	111	9	3.9	0.0	26.3	66
27/04/2024 08:10	2.9	110	9	3.9	0.0	26.4	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/04/2024 08:20	2.4	113	10	3.4	0.0	26.7	62
27/04/2024 08:30	2.2	110	13	3.3	0.0	27.1	61
27/04/2024 08:40	2.8	113	9	3.9	0.0	26.8	63
27/04/2024 08:50	2.3	114	15	3.4	0.0	26.9	64
27/04/2024 09:00	2.4	105	14	3.8	0.0	27.3	63
27/04/2024 09:10	2.2	109	15	3.5	0.0	27.3	63
27/04/2024 09:20	2.3	107	17	3.5	0.0	27.7	61
27/04/2024 09:30	2.5	100	13	3.5	0.0	28.0	61
27/04/2024 09:40	2.6	95	13	3.7	0.0	28.5	58
27/04/2024 09:50	2.4	97	14	3.8	0.0	29.0	57
27/04/2024 10:00	2.6	104	17	4.2	0.0	29.3	55
27/04/2024 10:10	3.1	93	13	4.4	0.0	29.7	52
27/04/2024 10:20	3.8	82	8	5.2	0.0	29.9	49
27/04/2024 10:30	4.0	86	11	5.8	0.0	30.4	46
27/04/2024 10:40	4.3	77	10	6.0	0.0	30.9	43
27/04/2024 10:50	4.3	72	11	5.9	0.0	30.8	43
27/04/2024 11:00	4.7	74	10	6.1	0.0	31.0	42
27/04/2024 11:10	5.0	80	10	6.7	0.0	31.3	41
27/04/2024 11:20	4.9	75	9	6.8	0.0	31.3	41
27/04/2024 11:30	5.4	57	9	6.9	0.0	30.7	43
27/04/2024 11:40	4.9	63	8	6.5	0.0	30.6	45
27/04/2024 11:50	5.1	65	11	7.3	0.0	31.1	42
27/04/2024 12:00	5.2	79	11	6.7	0.0	31.3	40
27/04/2024 12:10	4.9	80	11	6.3	0.0	31.7	39
27/04/2024 12:20	5.4	83	9	7.1	0.0	31.2	40
27/04/2024 12:30	5.3	87	6	6.6	0.0	31.3	39
27/04/2024 12:40	5.0	85	7	6.4	0.0	31.4	38
27/04/2024 12:50	5.4	84	7	6.6	0.0	31.1	39
27/04/2024 13:00	5.3	85	7	6.4	0.0	31.0	42
27/04/2024 13:10	5.3	84	7	6.8	0.0	31.0	42
27/04/2024 13:20	5.1	77	9	6.8	0.0	31.2	42
27/04/2024 13:30	6.2	59	6	7.7	0.0	31.0	40
27/04/2024 13:40	5.4	58	9	7.3	0.0	30.7	45
27/04/2024 13:50	5.3	60	9	7.6	0.0	30.7	46
27/04/2024 14:00	5.9	58	8	7.6	0.0	30.5	47
27/04/2024 14:10	5.5	62	8	7.3	0.0	30.4	49
27/04/2024 14:20	5.4	59	9	6.7	0.0	30.4	49
27/04/2024 14:30	5.1	60	9	6.9	0.0	30.6	49
27/04/2024 14:40	5.4	56	8	7.0	0.0	30.2	50
27/04/2024 14:50	5.3	63	8	7.1	0.0	30.5	48
27/04/2024 15:00	5.2	67	8	7.1	0.0	30.5	49
27/04/2024 15:10	5.5	68	8	6.9	0.0	30.3	49
27/04/2024 15:20	4.8	62	9	6.6	0.0	30.5	50
27/04/2024 15:30	4.3	66	11	5.8	0.0	30.4	53
27/04/2024 15:40	5.0	63	10	6.9	0.0	30.2	52
27/04/2024 15:50	5.5	66	8	6.8	0.0	30.0	52
27/04/2024 16:00	5.6	67	7	7.9	0.0	29.9	52
27/04/2024 16:10	5.6	62	8	7.1	0.0	29.6	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/04/2024 16:20	5.4	67	7	7.0	0.0	29.4	56
27/04/2024 16:30	4.4	59	9	6.2	0.0	29.6	58
27/04/2024 16:40	4.7	64	9	6.7	0.0	29.4	58
27/04/2024 16:50	4.7	56	8	6.2	0.0	29.3	58
27/04/2024 17:00	4.4	59	7	5.9	0.0	29.1	59
27/04/2024 17:10	4.7	57	5	6.1	0.0	29.0	60
27/04/2024 17:20	4.5	56	6	5.7	0.0	28.7	62
27/04/2024 17:30	3.9	58	6	5.7	0.0	28.6	64
27/04/2024 17:40	3.6	56	7	4.9	0.0	28.3	66
27/04/2024 17:50	3.2	53	6	4.5	0.0	28.1	68
27/04/2024 18:00	2.9	54	6	4.0	0.0	28.0	68
27/04/2024 18:10	2.8	54	7	3.9	0.0	27.9	69
27/04/2024 18:20	3.0	57	7	3.9	0.0	27.7	71
27/04/2024 18:30	2.7	58	7	3.7	0.0	27.6	73
27/04/2024 18:40	2.7	61	7	3.8	0.0	27.5	74
27/04/2024 18:50	2.4	60	7	3.3	0.0	27.4	74
27/04/2024 19:00	2.3	57	8	3.4	0.0	27.4	74
27/04/2024 19:10	1.9	48	6	2.6	0.0	27.1	77
27/04/2024 19:20	2.0	49	6	2.6	0.0	27.0	78
27/04/2024 19:30	2.4	49	4	3.1	0.0	26.9	78
27/04/2024 19:40	2.9	57	5	3.7	0.0	27.0	78
27/04/2024 19:50	2.4	60	5	3.1	0.0	27.0	78
27/04/2024 20:00	2.1	49	9	2.9	0.0	27.0	77
27/04/2024 20:10	3.0	37	9	4.6	0.0	27.6	68
27/04/2024 20:20	2.8	33	11	4.4	0.0	27.9	68
27/04/2024 20:30	3.2	36	9	4.6	0.0	27.8	70
27/04/2024 20:40	2.5	42	10	4.3	0.0	27.7	71
27/04/2024 20:50	1.8	48	10	3.0	0.0	27.5	72
27/04/2024 21:00	2.3	42	13	3.8	0.0	27.4	73
27/04/2024 21:10	2.8	41	9	4.2	0.0	27.5	74
27/04/2024 21:20	2.7	41	9	4.0	0.0	27.4	76
27/04/2024 21:30	1.9	23	16	3.1	0.0	27.3	76
27/04/2024 21:40	1.4	342	11	1.9	0.0	27.3	76
27/04/2024 21:50	0.9	336	20	1.6	0.0	27.3	76
27/04/2024 22:00	1.7	343	14	2.8	0.0	27.3	75
27/04/2024 22:10	2.5	345	11	3.6	0.0	27.4	75
27/04/2024 22:20	2.9	13	9	4.0	0.0	27.4	74
27/04/2024 22:30	2.8	6	11	4.3	0.0	27.5	73
27/04/2024 22:40	1.3	185	43	2.2	0.0	27.4	74
27/04/2024 22:50	0.8	184	25	1.4	0.0	27.3	75
27/04/2024 23:00	1.0	252	24	1.7	0.0	27.3	76
27/04/2024 23:10	1.4	317	17	2.2	0.0	27.2	79
27/04/2024 23:20	0.8	17	18	1.3	0.0	27.0	79
27/04/2024 23:30	0.6	184	66	1.2	0.0	26.9	79
27/04/2024 23:40	0.8	252	23	1.5	0.0	27.1	81
27/04/2024 23:50	0.4	314	27	1.0	0.0	26.8	82
28/04/2024 00:00	0.6	203	38	1.0	0.0	26.5	82
28/04/2024 00:10	0.6	270	25	1.0	0.0	26.4	83



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/04/2024 00:20	0.3	185	46	0.6	0.0	26.2	83
28/04/2024 00:30	0.6	193	21	0.9	0.0	26.0	83
28/04/2024 00:40	0.8	29	12	1.1	0.0	26.1	83
28/04/2024 00:50	0.7	36	17	1.1	0.0	25.9	83
28/04/2024 01:00	0.8	45	9	1.1	0.0	25.6	84
28/04/2024 01:10	0.9	59	27	1.7	0.0	25.6	84
28/04/2024 01:20	1.5	122	17	2.6	0.0	25.8	83
28/04/2024 01:30	1.9	128	10	2.8	0.0	26.1	84
28/04/2024 01:40	1.7	126	9	2.5	0.0	26.1	85
28/04/2024 01:50	2.0	128	7	2.6	0.0	26.0	84
28/04/2024 02:00	1.2	149	21	2.2	0.0	26.1	84
28/04/2024 02:10	1.7	183	12	2.4	0.0	26.0	83
28/04/2024 02:20	1.4	134	18	2.1	0.0	26.0	84
28/04/2024 02:30	1.7	120	10	2.4	0.0	26.0	83
28/04/2024 02:40	1.2	116	24	2.2	0.0	26.0	83
28/04/2024 02:50	1.5	105	21	2.6	0.0	25.7	85
28/04/2024 03:00	1.5	104	17	2.6	0.0	25.5	85
28/04/2024 03:10	1.2	91	32	2.4	0.0	25.7	84
28/04/2024 03:20	1.0	76	29	2.0	0.0	25.4	86
28/04/2024 03:30	1.0	81	30	1.9	0.0	25.4	86
28/04/2024 03:40	1.1	88	23	2.1	0.0	25.5	85
28/04/2024 03:50	0.7	37	22	1.2	0.0	25.5	86
28/04/2024 04:00	0.7	37	32	1.7	0.0	25.5	86
28/04/2024 04:10	0.7	42	32	1.3	0.0	25.6	85
28/04/2024 04:20	0.6	52	30	1.0	0.0	25.5	86
28/04/2024 04:30	0.5	82	71	1.2	0.0	25.5	85
28/04/2024 04:40	1.3	167	19	2.3	0.0	25.9	80
28/04/2024 04:50	1.3	98	25	2.1	0.0	26.1	79
28/04/2024 05:00	1.6	109	13	2.3	0.0	26.2	76
28/04/2024 05:10	1.2	117	15	1.8	0.0	25.9	79
28/04/2024 05:20	0.7	88	29	1.2	0.0	26.0	78
28/04/2024 05:30	1.2	79	28	2.1	0.0	25.8	80
28/04/2024 05:40	1.2	94	13	2.1	0.0	25.5	83
28/04/2024 05:50	1.5	99	17	2.3	0.0	25.4	83
28/04/2024 06:00	1.4	102	14	2.3	0.0	25.4	83
28/04/2024 06:10	2.1	105	8	2.8	0.0	25.5	83
28/04/2024 06:20	1.6	106	16	2.5	0.0	25.3	83
28/04/2024 06:30	1.8	104	12	2.8	0.0	25.3	83
28/04/2024 06:40	0.8	84	21	1.4	0.0	25.1	85
28/04/2024 06:50	1.0	91	14	1.5	0.0	25.1	86
28/04/2024 07:00	1.4	102	18	2.5	0.0	25.2	84
28/04/2024 07:10	1.2	88	20	2.1	0.0	25.4	81
28/04/2024 07:20	1.5	74	10	2.3	0.0	25.9	77
28/04/2024 07:30	1.9	92	15	2.9	0.0	26.3	73
28/04/2024 07:40	2.3	98	10	3.5	0.0	26.7	72
28/04/2024 07:50	2.5	103	12	3.7	0.0	26.7	71
28/04/2024 08:00	2.2	105	12	3.2	0.0	26.9	70
28/04/2024 08:10	1.9	113	17	3.0	0.0	27.0	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/04/2024 08:20	1.8	106	21	2.9	0.0	27.4	69
28/04/2024 08:30	2.1	106	14	3.2	0.0	27.5	68
28/04/2024 08:40	2.1	111	16	3.3	0.0	27.6	68
28/04/2024 08:50	2.1	104	15	3.2	0.0	27.8	67
28/04/2024 09:00	2.4	107	14	3.3	0.0	28.2	65
28/04/2024 09:10	3.0	113	13	4.3	0.0	28.0	63
28/04/2024 09:20	2.9	111	13	4.5	0.0	28.2	62
28/04/2024 09:30	3.2	110	13	4.9	0.0	28.1	61
28/04/2024 09:40	2.9	112	13	4.0	0.0	28.2	61
28/04/2024 09:50	2.5	113	15	4.2	0.0	28.9	57
28/04/2024 10:00	2.8	107	16	4.1	0.0	29.5	52
28/04/2024 10:10	2.8	93	15	4.5	0.0	30.7	48
28/04/2024 10:20	3.4	86	13	4.8	0.0	31.1	44
28/04/2024 10:30	4.0	84	13	5.3	0.0	31.4	42
28/04/2024 10:40	3.7	86	13	5.2	0.0	31.7	42
28/04/2024 10:50	4.4	73	9	5.7	0.0	31.3	44
28/04/2024 11:00	4.4	71	9	5.7	0.0	31.7	41
28/04/2024 11:10	5.1	79	8	6.6	0.0	31.9	38
28/04/2024 11:20	4.6	72	10	6.0	0.0	31.9	43
28/04/2024 11:30	4.8	71	11	6.4	0.0	31.8	44
28/04/2024 11:40	4.9	78	13	7.2	0.0	32.5	41
28/04/2024 11:50	5.4	69	12	7.6	0.0	31.9	41
28/04/2024 12:00	5.1	74	10	7.5	0.0	32.1	40
28/04/2024 12:10	5.8	84	9	8.1	0.0	32.2	37
28/04/2024 12:20	6.0	84	9	7.9	0.0	32.0	35
28/04/2024 12:30	6.5	81	8	8.8	0.0	32.0	34
28/04/2024 12:40	6.6	84	8	8.8	0.0	32.1	33
28/04/2024 12:50	6.2	82	9	8.4	0.0	32.1	33
28/04/2024 13:00	5.5	75	10	7.8	0.0	32.5	34
28/04/2024 13:10	5.5	69	9	8.0	0.0	32.4	33
28/04/2024 13:20	6.3	60	7	8.4	0.0	31.9	32
28/04/2024 13:30	5.9	66	10	8.2	0.0	32.1	31
28/04/2024 13:40	5.4	57	9	7.5	0.0	31.9	33
28/04/2024 13:50	5.0	53	8	7.1	0.0	31.8	33
28/04/2024 14:00	5.0	60	9	6.6	0.0	31.9	31
28/04/2024 14:10	4.9	61	10	6.4	0.0	32.0	30
28/04/2024 14:20	5.2	53	8	7.3	0.0	32.1	29
28/04/2024 14:30	5.5	58	9	7.4	0.0	32.1	29
28/04/2024 14:40	5.8	64	9	7.8	0.0	32.4	28
28/04/2024 14:50	5.9	54	9	8.5	0.0	32.6	26
28/04/2024 15:00	6.2	64	8	8.2	0.0	32.7	26
28/04/2024 15:10	6.3	63	8	8.4	0.0	32.4	26
28/04/2024 15:20	5.6	65	8	7.6	0.0	32.4	28
28/04/2024 15:30	5.7	60	7	7.8	0.0	32.3	30
28/04/2024 15:40	6.0	63	7	8.5	0.0	32.1	30
28/04/2024 15:50	5.9	62	7	7.8	0.0	32.0	29
28/04/2024 16:00	5.7	62	7	7.5	0.0	31.8	31
28/04/2024 16:10	5.4	61	7	6.7	0.0	31.7	32



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/04/2024 16:20	4.8	66	7	6.0	0.0	31.6	34
28/04/2024 16:30	4.5	69	8	5.7	0.0	31.5	35
28/04/2024 16:40	4.3	52	11	6.7	0.0	31.6	34
28/04/2024 16:50	5.1	43	9	6.9	0.0	31.8	29
28/04/2024 17:00	5.2	17	9	7.2	0.0	31.2	35
28/04/2024 17:10	5.6	16	9	7.4	0.0	30.6	36
28/04/2024 17:20	4.7	24	10	6.5	0.0	30.5	36
28/04/2024 17:30	5.4	19	8	7.7	0.0	30.3	36
28/04/2024 17:40	5.4	18	9	7.5	0.0	30.0	37
28/04/2024 17:50	4.0	8	11	5.7	0.0	29.5	46
28/04/2024 18:00	3.6	179	11	5.0	0.0	29.2	48
28/04/2024 18:10	3.2	2	11	4.4	0.0	28.7	53
28/04/2024 18:20	3.1	7	11	4.0	0.0	28.6	53
28/04/2024 18:30	3.5	6	10	4.9	0.0	28.6	50
28/04/2024 18:40	4.4	178	8	5.5	0.0	28.7	49
28/04/2024 18:50	4.5	352	8	5.9	0.0	28.7	48
28/04/2024 19:00	4.6	346	8	6.2	0.0	28.8	47
28/04/2024 19:10	3.3	339	11	4.9	0.0	28.6	51
28/04/2024 19:20	2.7	337	12	4.0	0.0	28.3	55
28/04/2024 19:30	2.5	334	14	3.6	0.0	28.2	57
28/04/2024 19:40	2.8	332	11	4.3	0.0	28.1	57
28/04/2024 19:50	3.5	334	9	5.0	0.0	28.3	55
28/04/2024 20:00	3.7	331	7	4.9	0.0	28.2	56
28/04/2024 20:10	3.2	338	8	4.7	0.0	28.2	55
28/04/2024 20:20	3.0	335	10	4.5	0.0	28.2	55
28/04/2024 20:30	3.5	334	9	4.9	0.0	28.2	55
28/04/2024 20:40	3.3	338	10	4.6	0.0	28.2	55
28/04/2024 20:50	3.0	336	10	4.5	0.0	28.1	56
28/04/2024 21:00	3.2	337	8	4.6	0.0	28.0	57
28/04/2024 21:10	2.7	335	11	4.3	0.0	27.9	58
28/04/2024 21:20	2.9	331	9	4.0	0.0	27.9	59
28/04/2024 21:30	2.7	324	11	4.7	0.0	27.7	63
28/04/2024 21:40	2.0	314	18	3.6	0.0	27.5	66
28/04/2024 21:50	1.6	240	13	2.4	0.0	27.5	67
28/04/2024 22:00	1.6	257	23	2.5	0.0	27.3	68
28/04/2024 22:10	1.3	206	24	1.9	0.0	27.3	68
28/04/2024 22:20	1.3	271	12	1.8	0.0	26.8	73
28/04/2024 22:30	1.3	267	13	1.8	0.0	26.5	75
28/04/2024 22:40	1.3	275	12	2.0	0.0	26.5	74
28/04/2024 22:50	1.7	270	4	2.1	0.0	26.3	74
28/04/2024 23:00	1.0	250	23	1.5	0.0	26.3	73
28/04/2024 23:10	0.9	290	15	1.5	0.0	26.2	72
28/04/2024 23:20	1.0	283	11	1.5	0.0	26.0	72
28/04/2024 23:30	0.5	261	59	1.1	0.0	25.9	72
28/04/2024 23:40	0.5	226	28	0.7	0.0	26.0	72
28/04/2024 23:50	0.4	68	51	0.7	0.0	25.8	73
29/04/2024 00:00	0.5	195	9	0.7	0.0	25.4	73
29/04/2024 00:10	0.3	43	42	0.6	0.0	25.1	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/04/2024 00:20	0.5	82	20	0.8	0.0	25.2	74
29/04/2024 00:30	0.6	57	17	1.0	0.0	24.8	76
29/04/2024 00:40	0.8	64	14	1.1	0.0	24.8	76
29/04/2024 00:50	0.6	25	18	1.0	0.0	25.0	74
29/04/2024 01:00	0.6	251	37	1.3	0.0	25.2	73
29/04/2024 01:10	0.8	251	33	1.8	0.0	25.6	70
29/04/2024 01:20	0.9	242	22	1.6	0.0	25.9	68
29/04/2024 01:30	1.6	208	20	2.8	0.0	25.9	66
29/04/2024 01:40	1.1	204	22	2.3	0.0	25.7	67
29/04/2024 01:50	1.9	195	11	3.1	0.0	25.9	66
29/04/2024 02:00	0.8	182	31	1.8	0.0	25.8	64
29/04/2024 02:10	0.6	195	45	1.1	0.0	25.7	60
29/04/2024 02:20	0.5	149	46	1.3	0.0	25.6	59
29/04/2024 02:30	0.6	155	50	1.3	0.0	25.6	59
29/04/2024 02:40	1.6	180	10	2.4	0.0	26.0	56
29/04/2024 02:50	1.0	197	23	2.0	0.0	26.0	54
29/04/2024 03:00	1.1	193	26	2.0	0.0	25.7	52
29/04/2024 03:10	1.3	196	19	2.5	0.0	25.6	51
29/04/2024 03:20	2.2	180	15	3.9	0.0	25.9	48
29/04/2024 03:30	2.6	185	8	3.8	0.0	26.0	47
29/04/2024 03:40	2.5	188	12	3.4	0.0	25.9	47
29/04/2024 03:50	2.4	191	12	3.5	0.0	25.9	47
29/04/2024 04:00	2.8	193	10	4.1	0.0	25.9	46
29/04/2024 04:10	2.8	194	12	4.6	0.0	25.8	46
29/04/2024 04:20	2.6	195	17	4.4	0.0	25.8	45
29/04/2024 04:30	3.1	194	11	5.4	0.0	25.7	46
29/04/2024 04:40	2.5	182	15	3.8	0.0	25.5	46
29/04/2024 04:50	2.3	181	17	3.8	0.0	25.4	45
29/04/2024 05:00	2.3	180	15	3.5	0.0	25.5	45
29/04/2024 05:10	2.9	187	16	4.9	0.0	25.5	44
29/04/2024 05:20	3.8	181	11	6.3	0.0	26.1	42
29/04/2024 05:30	3.5	178	11	5.8	0.0	26.0	42
29/04/2024 05:40	3.4	174	13	5.6	0.0	26.0	42
29/04/2024 05:50	1.8	162	30	4.3	0.0	26.0	42
29/04/2024 06:00	0.9	107	41	2.0	0.0	25.6	44
29/04/2024 06:10	1.0	71	34	2.1	0.0	24.9	47
29/04/2024 06:20	1.7	51	18	3.0	0.0	24.4	48
29/04/2024 06:30	1.0	79	36	1.9	0.0	24.6	47
29/04/2024 06:40	0.8	65	46	1.5	0.0	24.5	48
29/04/2024 06:50	1.5	65	31	2.9	0.0	24.8	49
29/04/2024 07:00	1.3	55	46	2.8	0.0	25.2	47
29/04/2024 07:10	0.9	80	46	1.7	0.0	25.5	47
29/04/2024 07:20	1.0	62	30	1.7	0.0	25.7	47
29/04/2024 07:30	1.6	78	26	3.1	0.0	26.4	45
29/04/2024 07:40	1.6	83	28	3.5	0.0	27.0	43
29/04/2024 07:50	2.0	87	15	3.0	0.0	27.5	40
29/04/2024 08:00	2.1	95	12	2.9	0.0	28.0	38
29/04/2024 08:10	2.2	101	11	3.1	0.0	28.1	37



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/04/2024 08:20	2.0	98	13	3.1	0.0	28.5	36
29/04/2024 08:30	1.9	104	11	2.9	0.0	28.6	35
29/04/2024 08:40	1.5	106	17	2.7	0.0	29.1	34
29/04/2024 08:50	2.2	124	12	3.3	0.0	30.0	31
29/04/2024 09:00	2.0	132	21	4.1	0.0	30.8	30
29/04/2024 09:10	2.4	128	17	4.1	0.0	30.7	30
29/04/2024 09:20	2.3	125	18	3.9	0.0	31.1	31
29/04/2024 09:30	3.0	121	22	4.8	0.0	31.0	34
29/04/2024 09:40	2.9	111	13	4.5	0.0	30.5	35
29/04/2024 09:50	2.0	106	21	3.2	0.0	31.3	34
29/04/2024 10:00	2.2	117	15	3.4	0.0	31.5	33
29/04/2024 10:10	2.5	110	16	4.0	0.0	32.2	32
29/04/2024 10:20	3.4	97	13	5.3	0.0	32.7	30
29/04/2024 10:30	4.9	85	9	6.7	0.0	32.8	28
29/04/2024 10:40	6.4	75	7	8.2	0.0	32.1	32
29/04/2024 10:50	5.9	77	8	8.1	0.0	32.0	35
29/04/2024 11:00	6.9	80	8	10.2	0.0	32.0	36
29/04/2024 11:10	7.8	76	8	11.1	0.0	31.8	38
29/04/2024 11:20	6.8	82	10	9.3	0.0	32.2	35
29/04/2024 11:30	6.8	83	9	9.1	0.0	32.4	32
29/04/2024 11:40	7.2	78	9	9.9	0.0	32.3	32
29/04/2024 11:50	7.1	79	10	10.4	0.0	32.2	32
29/04/2024 12:00	7.5	76	8	10.0	0.0	31.7	34
29/04/2024 12:10	7.0	79	10	10.5	0.0	31.5	37
29/04/2024 12:20	7.6	79	11	10.9	0.0	31.6	37
29/04/2024 12:30	8.5	76	7	11.8	0.0	31.0	33
29/04/2024 12:40	8.4	80	8	11.2	0.0	31.2	30
29/04/2024 12:50	8.0	85	7	10.9	0.0	31.7	28
29/04/2024 13:00	6.5	82	8	9.3	0.0	32.0	28
29/04/2024 13:10	6.3	65	10	8.8	0.0	32.1	29
29/04/2024 13:20	6.4	61	8	8.9	0.0	31.7	29
29/04/2024 13:30	7.5	60	7	9.4	0.0	31.4	28
29/04/2024 13:40	7.6	62	9	10.4	0.0	31.3	29
29/04/2024 13:50	6.8	62	9	9.4	0.0	31.4	32
29/04/2024 14:00	6.1	53	9	9.7	0.0	31.9	31
29/04/2024 14:10	7.4	52	7	10.0	0.0	31.2	31
29/04/2024 14:20	7.4	55	7	9.8	0.0	31.1	33
29/04/2024 14:30	7.1	60	9	9.9	0.0	31.5	30
29/04/2024 14:40	8.5	58	7	11.2	0.0	31.8	24
29/04/2024 14:50	7.1	59	8	10.5	0.0	32.3	24
29/04/2024 15:00	7.9	60	6	10.2	0.0	32.5	25
29/04/2024 15:10	6.6	62	8	8.9	0.0	32.0	27
29/04/2024 15:20	6.7	61	7	9.1	0.0	32.1	26
29/04/2024 15:30	6.3	57	10	8.9	0.0	32.3	24
29/04/2024 15:40	6.1	60	9	8.9	0.0	32.9	24
29/04/2024 15:50	5.2	58	8	7.2	0.0	32.4	27
29/04/2024 16:00	5.3	52	9	7.5	0.0	32.1	28
29/04/2024 16:10	5.2	37	11	7.8	0.0	32.7	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/04/2024 16:20	5.0	38	9	7.6	0.0	32.8	24
29/04/2024 16:30	6.6	42	7	9.0	0.0	32.1	23
29/04/2024 16:40	5.4	48	7	8.0	0.0	31.8	24
29/04/2024 16:50	5.2	32	8	7.4	0.0	31.8	24
29/04/2024 17:00	5.9	36	9	8.5	0.0	31.6	24
29/04/2024 17:10	6.1	34	8	8.5	0.0	31.4	23
29/04/2024 17:20	6.0	33	7	7.9	0.0	31.1	24
29/04/2024 17:30	5.1	35	8	7.3	0.0	30.9	25
29/04/2024 17:40	4.8	34	7	6.7	0.0	30.8	26
29/04/2024 17:50	4.3	40	7	6.0	0.0	30.6	26
29/04/2024 18:00	3.7	39	7	5.2	0.0	30.4	27
29/04/2024 18:10	3.6	42	8	4.9	0.0	30.3	27
29/04/2024 18:20	3.6	41	7	5.0	0.0	30.0	29
29/04/2024 18:30	3.8	35	8	5.8	0.0	30.1	30
29/04/2024 18:40	3.5	39	9	5.4	0.0	30.0	31
29/04/2024 18:50	2.9	46	5	4.1	0.0	29.7	33
29/04/2024 19:00	2.4	41	7	3.3	0.0	29.4	35
29/04/2024 19:10	2.0	41	13	3.3	0.0	29.4	34
29/04/2024 19:20	2.0	54	10	3.0	0.0	29.2	36
29/04/2024 19:30	2.4	31	20	4.5	0.0	28.7	45
29/04/2024 19:40	3.4	22	14	5.2	0.0	28.7	47
29/04/2024 19:50	2.3	42	17	3.6	0.0	28.7	47
29/04/2024 20:00	2.0	47	17	3.3	0.0	28.5	48
29/04/2024 20:10	2.0	61	9	2.8	0.0	28.4	48
29/04/2024 20:20	1.6	54	13	2.2	0.0	28.3	47
29/04/2024 20:30	1.0	81	19	1.6	0.0	28.5	46
29/04/2024 20:40	1.3	70	17	2.1	0.0	28.8	46
29/04/2024 20:50	0.8	173	42	1.3	0.0	28.7	45
29/04/2024 21:00	0.9	166	18	1.3	0.0	28.5	48
29/04/2024 21:10	0.4	284	28	0.7	0.0	28.3	49
29/04/2024 21:20	0.5	266	32	0.8	0.0	28.2	50
29/04/2024 21:30	0.6	174	47	1.3	0.0	27.6	51
29/04/2024 21:40	1.8	135	17	3.0	0.0	27.5	63
29/04/2024 21:50	1.9	131	12	2.4	0.0	27.1	72
29/04/2024 22:00	1.8	188	18	2.6	0.0	27.1	71
29/04/2024 22:10	3.9	238	17	6.3	0.0	27.4	62
29/04/2024 22:20	2.0	231	23	3.7	0.0	27.4	62
29/04/2024 22:30	3.3	276	7	4.2	0.0	27.2	57
29/04/2024 22:40	3.9	261	7	4.7	0.0	27.3	50
29/04/2024 22:50	2.8	244	12	3.8	0.0	27.4	51
29/04/2024 23:00	1.7	198	9	2.2	0.0	27.7	51
29/04/2024 23:10	1.2	229	20	1.6	0.0	27.5	51
29/04/2024 23:20	2.3	280	8	2.9	0.0	27.2	50
29/04/2024 23:30	1.1	253	21	1.8	0.0	27.4	50
29/04/2024 23:40	1.1	213	11	1.7	0.0	27.4	50
29/04/2024 23:50	0.6	259	42	1.0	0.0	27.0	52
30/04/2024 00:00	0.9	69	30	1.4	0.0	26.8	52
30/04/2024 00:10	1.9	228	37	3.4	0.0	27.4	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/04/2024 00:20	1.9	219	40	3.6	0.0	27.4	46
30/04/2024 00:30	1.0	237	38	1.8	0.0	27.3	46
30/04/2024 00:40	0.7	269	45	1.2	0.0	27.6	43
30/04/2024 00:50	0.6	24	22	1.0	0.0	27.7	42
30/04/2024 01:00	0.6	272	43	1.0	0.0	27.6	44
30/04/2024 01:10	0.6	295	21	0.9	0.0	27.0	45
30/04/2024 01:20	0.7	140	29	1.0	0.0	27.2	43
30/04/2024 01:30	0.9	300	19	1.3	0.0	27.1	42
30/04/2024 01:40	1.0	158	32	1.9	0.0	27.3	41
30/04/2024 01:50	0.4	120	41	0.7	0.0	26.6	44
30/04/2024 02:00	0.4	299	57	0.9	0.0	26.7	45
30/04/2024 02:10	0.5	250	43	0.8	0.0	26.8	43
30/04/2024 02:20	0.6	270	35	0.8	0.0	26.9	41
30/04/2024 02:30	0.6	163	33	1.2	0.0	26.7	45
30/04/2024 02:40	0.9	118	40	1.5	0.0	26.4	45
30/04/2024 02:50	0.7	85	68	1.5	0.0	26.6	42
30/04/2024 03:00	1.0	236	45	1.7	0.0	26.9	41
30/04/2024 03:10	1.0	198	27	1.6	0.0	26.9	43
30/04/2024 03:20	1.5	172	18	2.4	0.0	28.2	37
30/04/2024 03:30	0.7	86	44	1.3	0.0	27.5	41
30/04/2024 03:40	0.8	157	57	1.5	0.0	27.4	41
30/04/2024 03:50	1.5	182	20	2.3	0.0	28.3	36
30/04/2024 04:00	1.2	110	37	1.8	0.0	28.0	39
30/04/2024 04:10	1.1	96	55	2.4	0.0	26.9	47
30/04/2024 04:20	1.4	65	21	2.4	0.0	26.0	58
30/04/2024 04:30	1.4	72	17	2.5	0.0	25.7	59
30/04/2024 04:40	1.4	81	19	2.3	0.0	25.5	55
30/04/2024 04:50	1.0	45	17	1.8	0.0	25.6	48
30/04/2024 05:00	1.1	63	21	2.0	0.0	25.8	46
30/04/2024 05:10	1.5	76	17	2.7	0.0	26.3	43
30/04/2024 05:20	1.5	107	22	2.9	0.0	26.1	44
30/04/2024 05:30	2.0	111	18	3.1	0.0	26.3	41
30/04/2024 05:40	2.3	115	16	3.8	0.0	26.7	39
30/04/2024 05:50	1.1	90	19	2.6	0.0	26.5	41
30/04/2024 06:00	1.6	96	19	2.5	0.0	25.8	44
30/04/2024 06:10	1.7	103	14	2.5	0.0	25.8	44
30/04/2024 06:20	1.7	86	13	2.7	0.0	25.0	48
30/04/2024 06:30	2.0	98	15	3.2	0.0	25.2	48
30/04/2024 06:40	1.9	90	18	3.5	0.0	25.0	50
30/04/2024 06:50	2.7	113	10	3.7	0.0	25.7	48
30/04/2024 07:00	3.2	113	10	4.3	0.0	26.8	43
30/04/2024 07:10	2.2	104	15	3.5	0.0	26.1	50
30/04/2024 07:20	1.5	82	19	2.6	0.0	25.5	55
30/04/2024 07:30	1.9	100	16	3.0	0.0	26.3	54
30/04/2024 07:40	1.0	94	19	2.0	0.0	27.2	52
30/04/2024 07:50	1.4	102	23	2.5	0.0	27.5	51
30/04/2024 08:00	2.0	101	15	3.2	0.0	27.5	51
30/04/2024 08:10	2.5	96	13	3.8	0.0	28.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/04/2024 08:20	2.9	99	11	4.2	0.0	28.6	41
30/04/2024 08:30	3.2	100	14	5.0	0.0	28.7	42
30/04/2024 08:40	3.9	97	13	6.1	0.0	29.0	40
30/04/2024 08:50	3.9	101	13	6.2	0.0	29.6	39
30/04/2024 09:00	4.6	104	11	7.2	0.0	30.1	36
30/04/2024 09:10	4.8	107	12	6.9	0.0	30.1	36
30/04/2024 09:20	4.9	104	14	7.7	0.0	30.2	35
30/04/2024 09:30	5.1	107	12	7.6	0.0	30.5	35
30/04/2024 09:40	4.9	99	14	7.6	0.0	30.9	33
30/04/2024 09:50	5.0	97	12	7.4	0.0	31.0	34
30/04/2024 10:00	5.4	94	11	8.6	0.0	30.9	35
30/04/2024 10:10	6.1	89	9	8.1	0.0	31.2	32
30/04/2024 10:20	6.8	88	8	9.4	0.0	31.2	32
30/04/2024 10:30	6.4	93	10	8.8	0.0	31.3	31
30/04/2024 10:40	6.8	90	8	9.6	0.0	31.2	30
30/04/2024 10:50	7.2	89	8	9.7	0.0	31.2	30
30/04/2024 11:00	7.2	87	7	9.8	0.0	31.4	29
30/04/2024 11:10	6.6	87	9	9.4	0.0	31.7	27
30/04/2024 11:20	7.2	86	8	10.1	0.0	31.8	26
30/04/2024 11:30	7.6	85	7	10.4	0.0	31.4	26
30/04/2024 11:40	7.7	84	8	10.5	0.0	31.5	27
30/04/2024 11:50	7.2	87	8	10.9	0.0	31.6	27
30/04/2024 12:00	6.5	77	8	9.0	0.0	31.5	27
30/04/2024 12:10	7.3	73	7	10.1	0.0	31.1	28
30/04/2024 12:20	7.7	72	6	10.4	0.0	30.7	28
30/04/2024 12:30	7.9	76	7	10.2	0.0	30.6	29
30/04/2024 12:40	7.1	83	8	10.6	0.0	30.9	28
30/04/2024 12:50	6.3	61	10	8.6	0.0	31.3	29
30/04/2024 13:00	6.1	60	9	8.1	0.0	31.2	28
30/04/2024 13:10	6.7	62	8	9.7	0.0	31.1	27
30/04/2024 13:20	6.4	61	9	8.8	0.0	31.1	26
30/04/2024 13:30	6.9	60	7	9.0	0.0	30.8	28
30/04/2024 13:40	6.6	57	8	8.5	0.0	30.9	29
30/04/2024 13:50	6.9	55	9	9.2	0.0	31.2	26
30/04/2024 14:00	7.2	55	8	9.5	0.0	31.2	25
30/04/2024 14:10	7.2	55	6	9.8	0.0	31.0	27
30/04/2024 14:20	7.4	56	7	9.6	0.0	30.9	29
30/04/2024 14:30	7.1	56	7	9.1	0.0	30.8	29
30/04/2024 14:40	7.0	57	7	9.5	0.0	30.9	29
30/04/2024 14:50	7.0	59	7	9.8	0.0	31.1	29
30/04/2024 15:00	6.8	58	8	9.6	0.0	31.0	29
30/04/2024 15:10	7.1	54	7	9.5	0.0	30.9	29
30/04/2024 15:20	7.0	58	7	10.0	0.0	30.8	30
30/04/2024 15:30	6.9	61	7	9.9	0.0	30.8	29
30/04/2024 15:40	7.0	59	8	9.3	0.0	30.7	29
30/04/2024 15:50	6.6	57	8	9.1	0.0	30.6	31
30/04/2024 16:00	6.2	60	8	8.1	0.0	30.7	31
30/04/2024 16:10	6.5	62	8	9.5	0.0	30.9	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/04/2024 16:20	6.1	62	9	8.8	0.0	30.7	31
30/04/2024 16:30	5.8	62	7	7.7	0.0	30.9	30
30/04/2024 16:40	5.1	61	8	6.9	0.0	30.8	30
30/04/2024 16:50	5.1	64	8	6.8	0.0	30.5	33
30/04/2024 17:00	4.9	62	8	6.9	0.0	30.1	35
30/04/2024 17:10	5.2	62	7	7.1	0.0	29.8	35
30/04/2024 17:20	5.5	61	7	7.3	0.0	29.4	38
30/04/2024 17:30	5.2	62	7	7.1	0.0	29.1	40
30/04/2024 17:40	5.0	63	7	6.4	0.0	28.7	43
30/04/2024 17:50	4.3	63	7	5.8	0.0	28.5	43
30/04/2024 18:00	3.8	62	6	5.1	0.0	28.3	43
30/04/2024 18:10	3.1	62	7	4.1	0.0	28.0	47
30/04/2024 18:20	2.8	62	6	4.0	0.0	27.7	49
30/04/2024 18:30	2.3	53	7	3.0	0.0	27.4	51
30/04/2024 18:40	2.3	50	5	2.9	0.0	27.2	52
30/04/2024 18:50	2.3	59	5	3.0	0.0	26.9	52
30/04/2024 19:00	2.1	62	6	2.8	0.0	27.0	51
30/04/2024 19:10	2.0	62	6	2.7	0.0	26.7	54
30/04/2024 19:20	2.2	59	5	2.8	0.0	26.4	56
30/04/2024 19:30	2.1	63	8	2.8	0.0	26.1	59
30/04/2024 19:40	2.8	68	6	3.6	0.0	26.1	61
30/04/2024 19:50	3.0	70	5	3.8	0.0	26.4	62
30/04/2024 20:00	2.9	66	5	3.8	0.0	26.3	64
30/04/2024 20:10	2.2	63	7	2.8	0.0	25.9	68
30/04/2024 20:20	2.3	59	4	2.8	0.0	25.6	70
30/04/2024 20:30	2.3	63	5	2.9	0.0	25.5	72
30/04/2024 20:40	2.0	62	6	2.6	0.0	25.4	73
30/04/2024 20:50	2.0	57	6	2.5	0.0	25.2	75
30/04/2024 21:00	2.8	56	3	3.3	0.0	25.2	75
30/04/2024 21:10	2.5	61	6	3.2	0.0	25.3	75
30/04/2024 21:20	2.1	63	6	2.7	0.0	25.2	77
30/04/2024 21:30	2.2	66	5	2.6	0.0	25.2	79
30/04/2024 21:40	2.0	65	3	2.3	0.0	25.1	80
30/04/2024 21:50	1.9	64	3	2.1	0.0	25.1	80
30/04/2024 22:00	1.4	60	3	1.7	0.0	25.1	80
30/04/2024 22:10	1.1	60	3	1.3	0.0	25.0	81
30/04/2024 22:20	1.4	67	3	1.7	0.0	24.9	81
30/04/2024 22:30	1.2	61	5	1.6	0.0	24.8	81
30/04/2024 22:40	1.2	56	6	1.5	0.0	24.8	82
30/04/2024 22:50	1.5	56	5	2.0	0.0	25.0	82
30/04/2024 23:00	1.2	54	4	1.5	0.0	24.8	83
30/04/2024 23:10	1.0	61	5	1.3	0.0	24.7	84
30/04/2024 23:20	1.1	56	4	1.3	0.0	24.6	85
30/04/2024 23:30	1.3	63	5	1.5	0.0	24.5	85
30/04/2024 23:40	1.2	63	3	1.4	0.0	24.7	85
30/04/2024 23:50	1.0	74	8	1.8	0.0	24.6	86
01/05/2024 00:00	1.2	95	20	2.5	0.0	24.8	87
01/05/2024 00:10	2.2	129	12	3.3	0.0	25.1	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/05/2024 00:20	2.5	130	11	3.6	0.0	25.1	83
01/05/2024 00:30	2.3	130	11	3.7	0.0	25.1	76
01/05/2024 00:40	2.1	133	13	3.5	0.0	25.2	72
01/05/2024 00:50	1.9	137	13	2.9	0.0	25.3	71
01/05/2024 01:00	1.3	143	21	2.5	0.0	25.4	70
01/05/2024 01:10	1.8	133	14	3.3	0.0	25.3	69
01/05/2024 01:20	0.9	151	27	1.6	0.0	25.5	68
01/05/2024 01:30	0.8	149	18	1.5	0.0	25.3	68
01/05/2024 01:40	1.5	126	13	2.7	0.0	25.3	66
01/05/2024 01:50	1.0	130	25	1.9	0.0	25.4	64
01/05/2024 02:00	0.5	203	62	1.5	0.0	24.6	67
01/05/2024 02:10	2.0	179	10	2.8	0.0	24.9	61
01/05/2024 02:20	2.0	181	7	2.7	0.0	24.9	59
01/05/2024 02:30	1.2	155	23	2.0	0.0	24.9	59
01/05/2024 02:40	0.7	115	36	1.4	0.0	24.4	62
01/05/2024 02:50	1.1	102	59	2.5	0.0	24.3	62
01/05/2024 03:00	2.2	116	13	3.3	0.0	25.0	58
01/05/2024 03:10	2.3	113	13	3.7	0.0	25.5	55
01/05/2024 03:20	2.6	114	14	3.9	0.0	25.5	52
01/05/2024 03:30	2.0	117	17	3.2	0.0	25.7	50
01/05/2024 03:40	2.2	117	13	3.9	0.0	25.8	50
01/05/2024 03:50	1.8	121	17	3.1	0.0	25.5	53
01/05/2024 04:00	2.2	125	18	3.3	0.0	25.4	54
01/05/2024 04:10	3.4	115	11	5.5	0.0	25.6	50
01/05/2024 04:20	3.7	112	11	5.2	0.0	25.8	49
01/05/2024 04:30	3.0	113	13	4.9	0.0	25.7	51
01/05/2024 04:40	3.1	109	14	4.8	0.0	25.7	48
01/05/2024 04:50	3.1	110	12	4.6	0.0	25.8	46
01/05/2024 05:00	3.1	108	11	4.5	0.0	25.6	49
01/05/2024 05:10	2.0	111	16	3.5	0.0	25.4	52
01/05/2024 05:20	1.9	115	20	3.4	0.0	25.2	52
01/05/2024 05:30	3.4	114	14	6.5	0.0	25.4	49
01/05/2024 05:40	3.8	113	12	5.7	0.0	25.6	45
01/05/2024 05:50	4.1	112	10	5.7	0.0	25.5	45
01/05/2024 06:00	3.9	111	11	5.4	0.0	25.4	45
01/05/2024 06:10	3.5	108	13	5.4	0.0	25.2	45
01/05/2024 06:20	3.4	109	13	5.5	0.0	25.1	44
01/05/2024 06:30	3.1	109	11	4.8	0.0	25.0	45
01/05/2024 06:40	3.8	112	11	5.4	0.0	25.0	43
01/05/2024 06:50	2.7	116	15	4.7	0.0	25.1	44
01/05/2024 07:00	3.0	118	16	5.6	0.0	25.2	42
01/05/2024 07:10	3.3	116	15	5.7	0.0	25.3	42
01/05/2024 07:20	4.0	115	12	6.3	0.0	25.4	42
01/05/2024 07:30	5.0	112	10	7.3	0.0	25.5	41
01/05/2024 07:40	5.3	110	9	7.8	0.0	25.6	42
01/05/2024 07:50	5.4	109	10	7.8	0.0	25.6	41
01/05/2024 08:00	5.7	111	9	8.2	0.0	25.7	41
01/05/2024 08:10	5.4	112	11	8.8	0.0	25.8	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/05/2024 08:20	5.9	110	10	8.4	0.0	26.1	41
01/05/2024 08:30	6.7	110	10	9.3	0.0	26.5	39
01/05/2024 08:40	6.9	111	11	10.2	0.0	26.9	38
01/05/2024 08:50	6.9	108	12	10.0	0.0	27.2	38
01/05/2024 09:00	6.9	108	10	10.1	0.0	27.3	39
01/05/2024 09:10	6.8	110	10	10.9	0.0	27.6	39
01/05/2024 09:20	6.8	111	10	9.8	0.0	27.7	39
01/05/2024 09:30	6.5	107	11	10.0	0.0	28.1	38
01/05/2024 09:40	6.6	111	11	9.2	0.0	28.1	39
01/05/2024 09:50	6.6	110	11	9.5	0.0	28.3	38
01/05/2024 10:00	6.4	108	10	9.6	0.0	28.5	38
01/05/2024 10:10	6.6	112	9	9.3	0.0	28.6	37
01/05/2024 10:20	6.3	111	10	9.2	0.0	28.9	36
01/05/2024 10:30	6.3	110	10	8.7	0.0	29.0	37
01/05/2024 10:40	6.1	108	11	9.0	0.0	29.4	35
01/05/2024 10:50	5.5	106	13	8.1	0.0	30.0	35
01/05/2024 11:00	5.5	100	14	8.0	0.0	30.3	34
01/05/2024 11:10	6.5	91	8	9.1	0.0	30.2	34
01/05/2024 11:20	6.1	88	9	8.4	0.0	30.5	33
01/05/2024 11:30	7.3	87	8	9.8	0.0	30.4	32
01/05/2024 11:40	7.6	88	6	10.0	0.0	30.1	33
01/05/2024 11:50	7.2	87	7	9.9	0.0	30.3	32
01/05/2024 12:00	7.1	88	7	9.9	0.0	30.5	34
01/05/2024 12:10	7.5	88	8	10.0	0.0	30.2	34
01/05/2024 12:20	6.9	82	7	9.2	0.0	30.5	34
01/05/2024 12:30	6.7	78	10	9.0	0.0	30.4	36
01/05/2024 12:40	6.8	75	9	9.5	0.0	30.1	36
01/05/2024 12:50	7.7	74	8	9.9	0.0	30.0	35
01/05/2024 13:00	6.8	79	10	9.9	0.0	30.4	34
01/05/2024 13:10	6.5	74	11	10.5	0.0	30.8	33
01/05/2024 13:20	6.6	69	10	10.1	0.0	30.8	32
01/05/2024 13:30	7.2	62	9	10.3	0.0	30.8	31
01/05/2024 13:40	7.4	60	9	10.0	0.0	30.8	28
01/05/2024 13:50	8.4	62	9	11.6	0.0	30.6	29
01/05/2024 14:00	7.5	60	8	9.8	0.0	30.7	28
01/05/2024 14:10	6.9	62	8	8.9	0.0	30.8	30
01/05/2024 14:20	7.1	64	8	10.0	0.0	30.9	29
01/05/2024 14:30	6.8	57	8	8.8	0.0	30.9	30
01/05/2024 14:40	7.3	58	7	9.2	0.0	30.5	30
01/05/2024 14:50	7.4	54	7	9.1	0.0	30.6	30
01/05/2024 15:00	6.9	55	8	9.4	0.0	30.8	29
01/05/2024 15:10	7.5	56	8	9.9	0.0	30.5	29
01/05/2024 15:20	7.8	57	7	10.1	0.0	30.6	27
01/05/2024 15:30	7.5	54	7	10.7	0.0	30.7	27
01/05/2024 15:40	8.0	54	6	11.4	0.0	30.3	27
01/05/2024 15:50	7.0	56	7	9.7	0.0	30.4	30
01/05/2024 16:00	6.6	57	8	9.0	0.0	30.4	31
01/05/2024 16:10	6.7	58	7	8.7	0.0	30.1	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/05/2024 16:20	6.5	57	6	9.7	0.0	30.0	31
01/05/2024 16:30	5.7	59	7	7.4	0.0	30.1	31
01/05/2024 16:40	5.8	61	6	7.4	0.0	29.9	34
01/05/2024 16:50	5.5	60	7	7.3	0.0	29.8	34
01/05/2024 17:00	5.8	59	7	7.6	0.0	29.3	36
01/05/2024 17:10	5.2	61	7	7.4	0.0	29.1	36
01/05/2024 17:20	5.3	59	7	7.4	0.0	28.8	37
01/05/2024 17:30	5.2	57	7	6.8	0.0	28.5	38
01/05/2024 17:40	5.3	59	6	7.3	0.0	28.2	40
01/05/2024 17:50	4.9	58	7	6.2	0.0	28.1	39
01/05/2024 18:00	3.7	54	6	5.3	0.0	27.9	39
01/05/2024 18:10	3.4	57	6	4.4	0.0	27.6	40
01/05/2024 18:20	3.3	55	6	4.8	0.0	27.2	41
01/05/2024 18:30	3.4	55	6	4.4	0.0	27.2	40
01/05/2024 18:40	3.5	54	6	5.0	0.0	27.4	38
01/05/2024 18:50	3.3	54	5	4.6	0.0	27.3	38
01/05/2024 19:00	3.2	53	6	4.0	0.0	27.0	38
01/05/2024 19:10	2.7	53	7	3.5	0.0	27.0	37
01/05/2024 19:20	1.6	59	9	2.5	0.0	26.7	40
01/05/2024 19:30	1.0	66	10	1.5	0.0	26.6	40
01/05/2024 19:40	0.5	62	23	1.1	0.0	26.8	39
01/05/2024 19:50	0.3	37	24	0.5	0.0	26.6	40
01/05/2024 20:00	0.6	98	28	1.0	0.0	26.5	41
01/05/2024 20:10	1.0	62	17	1.7	0.0	26.5	39
01/05/2024 20:20	1.4	45	6	1.8	0.0	26.2	40
01/05/2024 20:30	1.4	56	4	1.9	0.0	25.9	41
01/05/2024 20:40	2.5	50	4	3.0	0.0	26.2	40
01/05/2024 20:50	1.5	72	19	2.2	0.0	26.1	41
01/05/2024 21:00	0.9	70	12	1.6	0.0	25.8	42
01/05/2024 21:10	1.0	76	8	1.6	0.0	26.0	41
01/05/2024 21:20	0.4	124	34	0.7	0.0	25.6	42
01/05/2024 21:30	0.4	73	50	0.8	0.0	25.4	44
01/05/2024 21:40	0.8	31	11	1.0	0.0	25.8	42
01/05/2024 21:50	0.5	34	12	0.7	0.0	25.9	42
01/05/2024 22:00	0.3	16	12	0.4	0.0	25.6	44
01/05/2024 22:10	0.3	51	23	0.4	0.0	25.8	46
01/05/2024 22:20	0.3	46	23	0.5	0.0	25.3	47
01/05/2024 22:30	0.3	166	41	0.4	0.0	24.8	49
01/05/2024 22:40	0.4	251	11	0.6	0.0	24.7	50
01/05/2024 22:50	0.4	235	6	0.5	0.0	24.5	53
01/05/2024 23:00	0.3	226	11	0.4	0.0	24.5	53
01/05/2024 23:10	0.3	242	27	0.5	0.0	24.5	52
01/05/2024 23:20	0.3	318	35	0.5	0.0	24.8	52
01/05/2024 23:30	0.6	35	13	1.1	0.0	24.9	55
01/05/2024 23:40	0.6	61	32	1.1	0.0	25.1	63
01/05/2024 23:50	1.7	171	16	3.4	0.0	23.9	68
02/05/2024 00:00	0.6	206	51	1.2	0.0	23.6	74
02/05/2024 00:10	0.5	216	59	1.0	0.0	23.2	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/05/2024 00:20	0.8	283	28	1.3	0.0	23.4	75
02/05/2024 00:30	1.2	287	10	1.6	0.0	23.4	74
02/05/2024 00:40	1.3	290	11	2.0	0.0	23.2	73
02/05/2024 00:50	1.8	269	7	2.4	0.0	23.6	70
02/05/2024 01:00	2.5	269	7	3.5	0.0	23.5	69
02/05/2024 01:10	2.5	270	7	3.1	0.0	23.4	68
02/05/2024 01:20	2.2	272	8	3.1	0.0	23.4	67
02/05/2024 01:30	1.3	307	48	1.9	0.0	23.5	64
02/05/2024 01:40	0.7	303	17	1.2	0.0	23.5	64
02/05/2024 01:50	0.6	329	46	1.2	0.0	23.1	64
02/05/2024 02:00	0.6	296	29	1.3	0.0	24.0	60
02/05/2024 02:10	0.9	162	56	1.5	0.0	23.8	60
02/05/2024 02:20	0.5	73	53	1.1	0.0	23.7	60
02/05/2024 02:30	0.9	164	32	1.9	0.0	24.3	54
02/05/2024 02:40	1.7	175	18	2.9	0.0	24.9	48
02/05/2024 02:50	1.4	181	13	2.3	0.0	25.1	45
02/05/2024 03:00	1.0	185	21	2.3	0.0	25.1	42
02/05/2024 03:10	0.9	189	32	2.0	0.0	24.7	44
02/05/2024 03:20	0.9	187	27	1.9	0.0	24.3	46
02/05/2024 03:30	1.2	207	23	2.2	0.0	24.1	46
02/05/2024 03:40	1.6	193	18	2.8	0.0	23.7	48
02/05/2024 03:50	1.4	177	22	2.3	0.0	23.6	46
02/05/2024 04:00	1.0	197	33	1.6	0.0	23.9	43
02/05/2024 04:10	1.1	200	32	2.1	0.0	24.0	41
02/05/2024 04:20	1.6	197	21	2.3	0.0	24.0	41
02/05/2024 04:30	1.4	170	22	2.4	0.0	24.3	37
02/05/2024 04:40	2.1	171	12	3.2	0.0	25.0	33
02/05/2024 04:50	1.6	166	14	2.4	0.0	25.0	32
02/05/2024 05:00	1.3	176	18	1.9	0.0	24.9	31
02/05/2024 05:10	1.1	183	20	2.2	0.0	24.5	30
02/05/2024 05:20	1.1	168	29	1.8	0.0	24.2	29
02/05/2024 05:30	0.8	174	40	1.6	0.0	24.1	28
02/05/2024 05:40	1.3	177	23	2.2	0.0	24.7	25
02/05/2024 05:50	1.7	175	12	2.5	0.0	25.0	24
02/05/2024 06:00	0.8	187	31	1.6	0.0	24.7	25
02/05/2024 06:10	1.6	115	29	3.3	0.0	24.7	24
02/05/2024 06:20	2.3	117	16	3.7	0.0	25.2	23
02/05/2024 06:30	2.4	113	16	3.5	0.0	24.7	25
02/05/2024 06:40	1.6	78	19	2.5	0.0	23.4	31
02/05/2024 06:50	1.5	64	15	2.4	0.0	22.9	34
02/05/2024 07:00	1.5	83	25	2.4	0.0	23.0	36
02/05/2024 07:10	1.7	89	21	2.6	0.0	24.1	36
02/05/2024 07:20	1.6	85	12	2.6	0.0	24.6	37
02/05/2024 07:30	1.9	90	18	3.1	0.0	25.3	35
02/05/2024 07:40	2.9	80	10	4.4	0.0	25.7	33
02/05/2024 07:50	3.6	81	7	4.8	0.0	26.1	30
02/05/2024 08:00	3.7	81	11	5.7	0.0	26.4	28
02/05/2024 08:10	2.7	101	14	4.2	0.0	26.7	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/05/2024 08:20	2.5	101	15	4.7	0.0	26.9	28
02/05/2024 08:30	3.4	83	6	4.7	0.0	27.0	28
02/05/2024 08:40	3.7	84	9	5.4	0.0	27.2	30
02/05/2024 08:50	2.9	96	15	4.6	0.0	28.0	29
02/05/2024 09:00	2.6	101	16	4.4	0.0	28.4	31
02/05/2024 09:10	5.0	82	10	7.1	0.0	28.4	30
02/05/2024 09:20	5.1	81	10	6.9	0.0	28.4	29
02/05/2024 09:30	4.5	81	10	6.8	0.0	28.4	29
02/05/2024 09:40	5.6	74	9	7.2	0.0	28.4	30
02/05/2024 09:50	6.0	79	9	8.9	0.0	28.5	30
02/05/2024 10:00	6.4	80	8	8.9	0.0	28.6	31
02/05/2024 10:10	6.3	83	9	9.0	0.0	28.8	31
02/05/2024 10:20	5.8	81	9	8.6	0.0	29.3	32
02/05/2024 10:30	5.3	82	9	7.2	0.0	29.5	34
02/05/2024 10:40	5.6	79	10	7.2	0.0	29.8	35
02/05/2024 10:50	6.0	80	10	8.4	0.0	30.0	34
02/05/2024 11:00	6.2	84	8	8.8	0.0	30.0	34
02/05/2024 11:10	6.1	80	11	8.3	0.0	29.9	34
02/05/2024 11:20	6.9	76	8	9.5	0.0	30.1	33
02/05/2024 11:30	7.6	73	6	9.5	0.0	29.5	34
02/05/2024 11:40	6.9	72	9	9.4	0.0	29.8	34
02/05/2024 11:50	7.1	73	7	9.4	0.0	29.8	35
02/05/2024 12:00	7.3	73	7	9.6	0.0	29.9	34
02/05/2024 12:10	7.5	72	7	9.6	0.0	30.1	33
02/05/2024 12:20	6.7	72	9	9.3	0.0	30.3	34
02/05/2024 12:30	7.0	71	8	9.1	0.0	30.4	34
02/05/2024 12:40	7.0	72	8	9.8	0.0	30.5	33
02/05/2024 12:50	7.0	74	7	9.9	0.0	30.6	32
02/05/2024 13:00	7.1	73	8	10.6	0.0	30.7	32
02/05/2024 13:10	7.8	82	8	10.5	0.0	30.9	29
02/05/2024 13:20	6.8	82	10	9.7	0.0	31.3	27
02/05/2024 13:30	5.5	76	11	8.3	0.0	31.6	30
02/05/2024 13:40	6.3	62	10	8.7	0.0	31.6	29
02/05/2024 13:50	7.2	61	8	9.9	0.0	31.6	28
02/05/2024 14:00	6.9	59	8	9.2	0.0	31.4	31
02/05/2024 14:10	7.1	55	9	9.7	0.0	31.2	32
02/05/2024 14:20	7.3	57	7	9.9	0.0	31.2	33
02/05/2024 14:30	7.8	57	8	10.3	0.0	31.0	34
02/05/2024 14:40	7.8	59	6	10.1	0.0	30.9	35
02/05/2024 14:50	7.8	60	8	10.3	0.0	30.8	36
02/05/2024 15:00	7.5	57	7	9.6	0.0	30.8	38
02/05/2024 15:10	8.1	58	6	10.2	0.0	30.7	37
02/05/2024 15:20	7.7	58	8	10.7	0.0	30.7	36
02/05/2024 15:30	7.3	58	8	9.9	0.0	30.8	33
02/05/2024 15:40	7.6	58	7	10.5	0.0	30.6	34
02/05/2024 15:50	7.0	58	8	9.7	0.0	30.6	35
02/05/2024 16:00	7.2	56	7	10.6	0.0	30.7	34
02/05/2024 16:10	7.3	54	8	10.1	0.0	30.6	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/05/2024 16:20	7.7	54	6	10.0	0.0	30.2	38
02/05/2024 16:30	7.0	55	8	9.4	0.0	30.2	39
02/05/2024 16:40	7.6	58	7	9.8	0.0	30.0	40
02/05/2024 16:50	7.6	59	7	10.6	0.0	29.8	41
02/05/2024 17:00	6.5	61	7	8.7	0.0	29.8	42
02/05/2024 17:10	5.8	61	8	8.3	0.0	29.7	43
02/05/2024 17:20	5.2	62	7	6.9	0.0	29.6	44
02/05/2024 17:30	4.7	63	7	6.2	0.0	29.4	46
02/05/2024 17:40	4.7	65	6	6.2	0.0	29.0	47
02/05/2024 17:50	4.2	64	6	5.6	0.0	28.8	48
02/05/2024 18:00	3.6	62	6	4.6	0.0	28.5	49
02/05/2024 18:10	3.0	59	6	4.4	0.0	28.3	50
02/05/2024 18:20	2.5	56	7	3.6	0.0	28.1	51
02/05/2024 18:30	2.5	51	6	3.7	0.0	28.0	51
02/05/2024 18:40	3.3	46	10	5.7	0.0	28.0	50
02/05/2024 18:50	3.8	39	8	5.7	0.0	28.7	46
02/05/2024 19:00	3.2	40	8	4.8	0.0	28.5	48
02/05/2024 19:10	3.5	43	7	5.1	0.0	28.4	49
02/05/2024 19:20	3.3	45	8	5.3	0.0	28.3	49
02/05/2024 19:30	2.5	62	7	3.5	0.0	27.4	58
02/05/2024 19:40	2.6	57	4	3.2	0.0	26.9	63
02/05/2024 19:50	2.4	57	3	2.9	0.0	26.5	65
02/05/2024 20:00	2.1	54	4	2.5	0.0	26.5	67
02/05/2024 20:10	2.1	56	4	2.4	0.0	26.6	67
02/05/2024 20:20	2.0	54	4	2.4	0.0	26.5	67
02/05/2024 20:30	1.6	52	5	1.9	0.0	26.5	68
02/05/2024 20:40	1.1	56	8	1.5	0.0	26.4	68
02/05/2024 20:50	0.8	55	7	1.1	0.0	26.3	68
02/05/2024 21:00	1.0	50	5	1.3	0.0	26.3	69
02/05/2024 21:10	1.2	69	3	1.4	0.0	26.4	69
02/05/2024 21:20	1.4	66	3	1.6	0.0	26.2	69
02/05/2024 21:30	1.3	63	4	1.5	0.0	25.8	71
02/05/2024 21:40	1.3	71	3	1.6	0.0	25.6	72
02/05/2024 21:50	1.4	68	5	1.8	0.0	25.6	74
02/05/2024 22:00	1.8	72	5	2.2	0.0	25.7	80
02/05/2024 22:10	1.7	66	5	2.0	0.0	25.5	84
02/05/2024 22:20	1.7	69	5	2.2	0.0	25.3	86
02/05/2024 22:30	1.9	71	5	2.4	0.0	25.3	87
02/05/2024 22:40	1.6	78	10	2.4	0.0	24.9	88
02/05/2024 22:50	1.2	89	18	2.0	0.0	25.1	85
02/05/2024 23:00	0.9	57	17	1.7	0.0	24.9	85
02/05/2024 23:10	0.8	49	20	1.5	0.0	24.7	85
02/05/2024 23:20	1.1	40	14	1.5	0.0	24.8	83
02/05/2024 23:30	0.7	19	21	1.1	0.0	24.5	83
02/05/2024 23:40	1.1	41	15	1.6	0.0	24.3	81
02/05/2024 23:50	1.1	51	5	1.3	0.0	24.3	79
03/05/2024 00:00	0.8	108	24	1.1	0.0	24.4	78
03/05/2024 00:10	1.1	218	34	2.5	0.0	24.4	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/05/2024 00:20	1.5	165	25	2.7	0.0	25.4	64
03/05/2024 00:30	1.0	125	28	1.9	0.0	25.4	64
03/05/2024 00:40	1.4	110	12	2.4	0.0	25.4	63
03/05/2024 00:50	1.2	85	20	2.3	0.0	25.5	62
03/05/2024 01:00	1.3	77	16	2.2	0.0	25.1	64
03/05/2024 01:10	1.6	87	21	2.6	0.0	25.0	64
03/05/2024 01:20	2.2	104	13	3.4	0.0	25.1	63
03/05/2024 01:30	2.0	109	13	3.1	0.0	25.1	63
03/05/2024 01:40	1.8	101	20	3.1	0.0	25.0	64
03/05/2024 01:50	0.7	88	67	2.2	0.0	24.7	65
03/05/2024 02:00	1.7	96	21	3.1	0.0	24.6	66
03/05/2024 02:10	2.4	112	12	3.4	0.0	25.0	64
03/05/2024 02:20	2.8	112	9	3.6	0.0	25.3	61
03/05/2024 02:30	2.1	105	19	3.3	0.0	25.0	63
03/05/2024 02:40	1.5	92	40	2.8	0.0	24.9	63
03/05/2024 02:50	2.4	109	11	3.3	0.0	25.5	59
03/05/2024 03:00	2.1	106	26	3.6	0.0	25.1	61
03/05/2024 03:10	2.0	105	14	3.3	0.0	25.2	59
03/05/2024 03:20	1.4	89	38	3.5	0.0	24.9	60
03/05/2024 03:30	2.1	99	29	4.1	0.0	24.8	59
03/05/2024 03:40	3.3	111	12	4.3	0.0	25.4	54
03/05/2024 03:50	2.5	114	10	3.5	0.0	25.7	54
03/05/2024 04:00	1.6	104	11	2.6	0.0	25.3	56
03/05/2024 04:10	0.9	98	29	2.1	0.0	25.1	57
03/05/2024 04:20	1.1	65	30	2.0	0.0	24.9	57
03/05/2024 04:30	1.7	58	10	2.5	0.0	24.5	55
03/05/2024 04:40	1.2	66	18	1.9	0.0	24.8	53
03/05/2024 04:50	0.9	87	27	1.6	0.0	24.6	51
03/05/2024 05:00	1.0	87	43	2.4	0.0	24.4	50
03/05/2024 05:10	2.0	106	19	3.7	0.0	24.7	47
03/05/2024 05:20	1.6	93	24	3.3	0.0	24.2	48
03/05/2024 05:30	1.8	94	25	3.6	0.0	24.0	49
03/05/2024 05:40	2.3	112	16	3.6	0.0	24.7	48
03/05/2024 05:50	2.1	106	22	3.4	0.0	24.8	47
03/05/2024 06:00	2.2	99	23	3.8	0.0	24.2	46
03/05/2024 06:10	3.2	111	10	4.4	0.0	25.4	39
03/05/2024 06:20	3.1	102	11	4.7	0.0	25.5	36
03/05/2024 06:30	2.3	92	13	4.2	0.0	24.9	37
03/05/2024 06:40	2.4	90	12	5.2	0.0	24.9	36
03/05/2024 06:50	3.7	91	9	6.1	0.0	25.2	33
03/05/2024 07:00	3.9	96	11	6.0	0.0	25.9	32
03/05/2024 07:10	3.5	95	11	5.2	0.0	26.0	32
03/05/2024 07:20	3.1	103	13	5.6	0.0	26.2	34
03/05/2024 07:30	3.8	110	12	5.8	0.0	26.2	33
03/05/2024 07:40	3.7	113	10	5.3	0.0	26.2	33
03/05/2024 07:50	2.2	124	18	4.8	0.0	26.2	34
03/05/2024 08:00	2.0	125	18	3.0	0.0	26.3	33
03/05/2024 08:10	2.2	132	15	3.6	0.0	26.3	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/05/2024 08:20	2.3	129	14	3.6	0.0	26.4	33
03/05/2024 08:30	2.3	118	13	3.8	0.0	26.8	34
03/05/2024 08:40	2.7	119	14	4.0	0.0	26.9	35
03/05/2024 08:50	3.5	112	14	5.9	0.0	27.3	36
03/05/2024 09:00	5.4	108	11	8.1	0.0	28.2	30
03/05/2024 09:10	5.7	99	12	8.5	0.0	28.7	29
03/05/2024 09:20	6.8	94	9	10.1	0.0	28.9	28
03/05/2024 09:30	7.3	92	9	10.3	0.0	29.0	28
03/05/2024 09:40	7.4	90	8	11.2	0.0	28.9	28
03/05/2024 09:50	7.8	90	7	10.9	0.0	29.0	29
03/05/2024 10:00	6.9	90	7	10.7	0.0	29.1	29
03/05/2024 10:10	7.1	90	9	9.9	0.0	29.3	29
03/05/2024 10:20	7.8	89	8	11.6	0.0	29.2	29
03/05/2024 10:30	7.2	87	9	9.8	0.0	29.5	27
03/05/2024 10:40	6.8	88	7	10.0	0.0	29.6	29
03/05/2024 10:50	6.8	86	9	9.4	0.0	29.9	29
03/05/2024 11:00	6.9	85	7	9.1	0.0	29.6	30
03/05/2024 11:10	6.6	83	9	10.2	0.0	29.8	30
03/05/2024 11:20	7.1	76	7	9.8	0.0	29.5	31
03/05/2024 11:30	7.8	73	6	9.7	0.0	29.4	31
03/05/2024 11:40	7.7	73	7	9.7	0.0	29.4	29
03/05/2024 11:50	7.9	75	7	10.3	0.0	29.3	28
03/05/2024 12:00	7.8	76	6	10.0	0.0	29.4	28
03/05/2024 12:10	7.5	83	8	10.2	0.0	29.5	28
03/05/2024 12:20	7.1	87	7	9.1	0.0	29.8	28
03/05/2024 12:30	5.9	81	11	9.0	0.0	30.0	29
03/05/2024 12:40	5.8	69	12	8.1	0.0	30.0	30
03/05/2024 12:50	5.8	65	8	7.9	0.0	30.1	28
03/05/2024 13:00	6.1	61	9	8.1	0.0	29.8	28
03/05/2024 13:10	5.9	59	9	7.7	0.0	29.8	28
03/05/2024 13:20	5.6	59	8	8.1	0.0	29.9	29
03/05/2024 13:30	5.6	59	8	7.8	0.0	29.9	28
03/05/2024 13:40	5.8	54	9	9.1	0.0	30.5	28
03/05/2024 13:50	6.7	48	7	8.5	0.0	30.3	25
03/05/2024 14:00	7.0	56	7	9.2	0.0	30.4	22
03/05/2024 14:10	7.0	58	6	9.4	0.0	30.5	20
03/05/2024 14:20	6.9	58	6	9.0	0.0	30.6	22
03/05/2024 14:30	6.4	56	8	9.1	0.0	30.8	22
03/05/2024 14:40	6.0	60	8	8.6	0.0	31.1	21
03/05/2024 14:50	5.7	57	8	7.6	0.0	31.3	21
03/05/2024 15:00	6.1	62	8	8.4	0.0	31.3	21
03/05/2024 15:10	5.6	59	9	8.1	0.0	31.2	25
03/05/2024 15:20	5.3	61	9	6.9	0.0	31.0	29
03/05/2024 15:30	5.0	63	8	7.0	0.0	30.8	32
03/05/2024 15:40	5.0	60	9	7.0	0.0	30.8	31
03/05/2024 15:50	5.2	63	8	6.9	0.0	30.6	31
03/05/2024 16:00	5.1	62	7	6.5	0.0	30.5	32
03/05/2024 16:10	4.7	61	7	6.4	0.0	30.3	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/05/2024 16:20	4.2	61	7	5.4	0.0	30.4	32
03/05/2024 16:30	3.7	60	7	4.9	0.0	30.3	33
03/05/2024 16:40	3.6	35	13	5.5	0.0	30.2	34
03/05/2024 16:50	3.7	14	13	5.4	0.0	29.9	35
03/05/2024 17:00	4.9	355	7	5.9	0.0	29.4	39
03/05/2024 17:10	4.6	2	8	5.7	0.0	28.9	42
03/05/2024 17:20	4.0	17	9	5.5	0.0	28.6	43
03/05/2024 17:30	4.1	11	10	5.7	0.0	28.4	44
03/05/2024 17:40	3.2	8	11	4.7	0.0	28.2	46
03/05/2024 17:50	2.6	5	14	3.7	0.0	27.9	50
03/05/2024 18:00	2.9	344	8	4.0	0.0	27.6	55
03/05/2024 18:10	2.9	351	8	4.1	0.0	27.2	57
03/05/2024 18:20	2.9	7	10	4.1	0.0	27.0	59
03/05/2024 18:30	2.5	181	8	3.5	0.0	26.8	61
03/05/2024 18:40	2.9	353	7	3.8	0.0	26.8	60
03/05/2024 18:50	2.0	21	13	2.7	0.0	26.7	60
03/05/2024 19:00	2.0	20	12	3.1	0.0	26.5	59
03/05/2024 19:10	1.4	65	16	2.2	0.0	26.2	60
03/05/2024 19:20	1.5	40	19	2.2	0.0	26.1	59
03/05/2024 19:30	1.3	46	16	2.1	0.0	25.9	59
03/05/2024 19:40	1.2	185	21	2.1	0.0	25.8	59
03/05/2024 19:50	0.8	135	81	2.3	0.0	26.2	58
03/05/2024 20:00	0.7	119	58	1.3	0.0	26.0	59
03/05/2024 20:10	0.4	167	44	0.8	0.0	26.0	59
03/05/2024 20:20	0.6	236	20	0.9	0.0	25.8	60
03/05/2024 20:30	0.6	230	25	0.9	0.0	25.6	60
03/05/2024 20:40	1.0	256	8	1.6	0.0	25.5	61
03/05/2024 20:50	0.8	297	13	1.2	0.0	25.5	61
03/05/2024 21:00	0.7	339	10	0.9	0.0	26.0	60
03/05/2024 21:10	0.5	301	11	0.6	0.0	26.1	60
03/05/2024 21:20	0.5	226	14	0.7	0.0	25.6	62
03/05/2024 21:30	0.7	248	10	0.9	0.0	25.0	65
03/05/2024 21:40	1.9	265	5	2.5	0.0	24.4	67
03/05/2024 21:50	1.5	283	6	1.9	0.0	24.7	71
03/05/2024 22:00	1.7	283	6	2.4	0.0	25.1	70
03/05/2024 22:10	1.8	272	5	2.5	0.0	24.8	73
03/05/2024 22:20	0.7	223	28	1.4	0.0	24.6	73
03/05/2024 22:30	0.8	274	20	1.6	0.0	24.6	74
03/05/2024 22:40	0.8	292	16	1.3	0.0	24.3	75
03/05/2024 22:50	0.9	282	22	1.2	0.0	24.0	76
03/05/2024 23:00	1.0	266	22	1.8	0.0	24.0	76
03/05/2024 23:10	1.3	277	11	2.2	0.0	24.2	75
03/05/2024 23:20	1.0	265	20	1.8	0.0	24.1	76
03/05/2024 23:30	1.4	280	7	1.9	0.0	23.9	77
03/05/2024 23:40	0.3	228	89	0.6	0.0	23.6	78
03/05/2024 23:50	0.5	225	36	0.8	0.0	23.6	79
04/05/2024 00:00	0.5	200	52	1.1	0.0	23.9	78
04/05/2024 00:10	0.9	236	28	1.8	0.0	24.0	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/05/2024 00:20	0.8	204	50	1.7	0.0	23.9	76
04/05/2024 00:30	1.1	257	30	1.9	0.0	24.0	76
04/05/2024 00:40	0.7	336	38	1.5	0.0	23.8	76
04/05/2024 00:50	1.2	282	12	1.8	0.0	23.9	76
04/05/2024 01:00	1.0	256	19	1.7	0.0	23.8	76
04/05/2024 01:10	2.1	268	27	3.6	0.0	23.8	76
04/05/2024 01:20	1.2	258	24	2.1	0.0	23.8	75
04/05/2024 01:30	1.9	273	14	3.2	0.0	23.7	75
04/05/2024 01:40	1.2	269	20	2.0	0.0	23.6	75
04/05/2024 01:50	1.7	256	12	2.7	0.0	23.6	74
04/05/2024 02:00	1.8	252	14	3.1	0.0	24.3	70
04/05/2024 02:10	1.7	262	15	3.0	0.0	24.3	69
04/05/2024 02:20	0.9	257	35	1.7	0.0	23.7	70
04/05/2024 02:30	0.6	185	59	1.3	0.0	23.7	69
04/05/2024 02:40	0.7	188	31	1.4	0.0	23.9	64
04/05/2024 02:50	0.6	202	50	1.2	0.0	23.7	64
04/05/2024 03:00	0.9	159	26	1.8	0.0	24.0	61
04/05/2024 03:10	1.1	178	24	2.0	0.0	24.5	55
04/05/2024 03:20	1.6	176	17	2.8	0.0	24.7	51
04/05/2024 03:30	2.2	172	13	3.3	0.0	24.6	49
04/05/2024 03:40	1.4	172	24	2.5	0.0	24.3	49
04/05/2024 03:50	1.0	96	20	1.8	0.0	24.0	48
04/05/2024 04:00	2.4	110	14	3.8	0.0	23.7	47
04/05/2024 04:10	2.4	108	17	3.7	0.0	23.6	49
04/05/2024 04:20	2.5	110	15	3.8	0.0	23.2	50
04/05/2024 04:30	2.0	106	21	3.2	0.0	22.9	52
04/05/2024 04:40	3.0	115	10	4.7	0.0	23.6	48
04/05/2024 04:50	2.3	119	16	4.2	0.0	24.3	42
04/05/2024 05:00	2.2	113	16	3.9	0.0	24.4	42
04/05/2024 05:10	2.1	120	14	3.4	0.0	24.4	42
04/05/2024 05:20	2.0	124	11	3.1	0.0	24.3	42
04/05/2024 05:30	2.1	125	10	3.2	0.0	24.3	42
04/05/2024 05:40	2.0	129	12	3.1	0.0	24.3	40
04/05/2024 05:50	2.1	128	11	3.4	0.0	24.3	39
04/05/2024 06:00	1.9	129	10	2.8	0.0	24.2	40
04/05/2024 06:10	2.0	127	10	3.1	0.0	24.3	39
04/05/2024 06:20	2.3	121	13	3.7	0.0	24.1	38
04/05/2024 06:30	2.5	121	8	3.4	0.0	24.1	38
04/05/2024 06:40	2.3	120	9	3.2	0.0	23.8	41
04/05/2024 06:50	2.3	116	9	2.9	0.0	23.5	41
04/05/2024 07:00	2.3	115	11	3.3	0.0	23.8	39
04/05/2024 07:10	2.3	114	12	3.5	0.0	24.0	35
04/05/2024 07:20	1.0	171	25	1.9	0.0	24.5	32
04/05/2024 07:30	1.2	181	16	2.1	0.0	24.3	30
04/05/2024 07:40	1.5	158	19	2.6	0.0	24.6	28
04/05/2024 07:50	1.2	144	23	2.2	0.0	25.3	27
04/05/2024 08:00	1.2	129	25	2.1	0.0	25.8	26
04/05/2024 08:10	1.9	127	16	2.9	0.0	26.1	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/05/2024 08:20	2.3	128	16	4.1	0.0	26.0	25
04/05/2024 08:30	2.4	123	16	4.2	0.0	26.0	25
04/05/2024 08:40	2.7	131	16	4.4	0.0	26.2	25
04/05/2024 08:50	3.1	129	17	5.4	0.0	26.3	24
04/05/2024 09:00	3.0	111	15	5.1	0.0	26.4	26
04/05/2024 09:10	3.7	113	9	5.3	0.0	25.9	29
04/05/2024 09:20	2.6	109	13	4.2	0.0	26.2	31
04/05/2024 09:30	2.8	117	13	4.2	0.0	26.5	31
04/05/2024 09:40	2.9	122	13	4.3	0.0	27.2	31
04/05/2024 09:50	3.0	113	11	4.6	0.0	27.5	31
04/05/2024 10:00	3.6	108	16	5.2	0.0	28.7	28
04/05/2024 10:10	4.7	101	13	6.9	0.0	29.4	24
04/05/2024 10:20	5.3	95	11	7.7	0.0	29.5	22
04/05/2024 10:30	6.6	89	7	8.4	0.0	29.6	21
04/05/2024 10:40	6.8	90	7	9.6	0.0	29.5	21
04/05/2024 10:50	6.1	87	8	9.1	0.0	29.6	22
04/05/2024 11:00	6.1	87	8	8.3	0.0	29.4	22
04/05/2024 11:10	6.0	83	10	8.5	0.0	29.5	22
04/05/2024 11:20	5.7	84	8	8.5	0.0	29.7	22
04/05/2024 11:30	6.0	78	8	7.7	0.0	29.4	22
04/05/2024 11:40	6.3	70	8	8.3	0.0	29.3	22
04/05/2024 11:50	6.0	75	8	8.6	0.0	29.1	22
04/05/2024 12:00	6.1	79	8	7.8	0.0	29.2	22
04/05/2024 12:10	5.0	71	11	7.2	0.0	29.3	24
04/05/2024 12:20	4.6	58	11	6.4	0.0	29.3	25
04/05/2024 12:30	4.6	59	9	6.2	0.0	29.6	24
04/05/2024 12:40	4.6	58	10	6.6	0.0	29.3	24
04/05/2024 12:50	5.0	59	10	6.7	0.0	29.6	23
04/05/2024 13:00	5.1	60	8	6.9	0.0	29.9	22
04/05/2024 13:10	5.0	56	11	7.2	0.0	29.6	25
04/05/2024 13:20	5.2	50	10	7.1	0.0	29.6	25
04/05/2024 13:30	5.4	52	8	7.1	0.0	29.7	25
04/05/2024 13:40	5.5	56	11	7.1	0.0	29.5	24
04/05/2024 13:50	5.7	52	7	7.8	0.0	29.7	24
04/05/2024 14:00	5.4	62	10	7.2	0.0	30.0	22
04/05/2024 14:10	5.3	64	12	7.2	0.0	30.5	21
04/05/2024 14:20	5.5	60	9	7.6	0.0	30.4	20
04/05/2024 14:30	5.7	67	9	7.3	0.0	30.3	20
04/05/2024 14:40	5.3	59	10	6.7	0.0	30.4	19
04/05/2024 14:50	5.6	61	8	7.2	0.0	30.5	19
04/05/2024 15:00	5.5	63	6	7.3	0.0	30.5	18
04/05/2024 15:10	5.2	62	8	6.7	0.0	30.9	16
04/05/2024 15:20	4.7	64	9	6.2	0.0	30.9	16
04/05/2024 15:30	4.8	65	7	6.4	0.0	31.0	16
04/05/2024 15:40	4.3	58	7	6.0	0.0	31.2	16
04/05/2024 15:50	4.5	55	8	5.7	0.0	31.0	16
04/05/2024 16:00	4.0	61	8	5.2	0.0	31.2	16
04/05/2024 16:10	3.7	52	8	4.7	0.0	31.1	16



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/05/2024 16:20	3.6	42	11	5.6	0.0	31.0	19
04/05/2024 16:30	5.2	6	10	7.1	0.0	30.5	23
04/05/2024 16:40	6.0	182	7	7.6	0.0	29.5	27
04/05/2024 16:50	5.4	10	9	7.6	0.0	29.3	28
04/05/2024 17:00	5.0	11	10	6.5	0.0	29.0	32
04/05/2024 17:10	4.5	13	9	6.0	0.0	28.7	37
04/05/2024 17:20	4.9	9	6	6.0	0.0	28.1	42
04/05/2024 17:30	5.0	8	9	6.4	0.0	27.8	43
04/05/2024 17:40	4.3	11	9	5.5	0.0	27.5	44
04/05/2024 17:50	4.5	7	7	5.8	0.0	27.4	46
04/05/2024 18:00	4.3	3	8	6.0	0.0	27.2	47
04/05/2024 18:10	4.4	355	6	5.6	0.0	26.9	49
04/05/2024 18:20	4.3	357	5	5.7	0.0	26.8	50
04/05/2024 18:30	4.3	354	5	5.5	0.0	26.8	50
04/05/2024 18:40	4.0	355	5	5.2	0.0	26.7	50
04/05/2024 18:50	4.7	5	5	5.7	0.0	26.6	50
04/05/2024 19:00	3.6	184	9	5.1	0.0	26.6	50
04/05/2024 19:10	3.3	4	8	4.6	0.0	26.4	51
04/05/2024 19:20	4.0	9	7	5.5	0.0	26.4	52
04/05/2024 19:30	4.1	12	8	5.7	0.0	26.5	52
04/05/2024 19:40	4.0	8	8	5.9	0.0	26.4	53
04/05/2024 19:50	3.4	6	8	4.9	0.0	26.2	54
04/05/2024 20:00	3.2	183	8	4.9	0.0	26.2	56
04/05/2024 20:10	3.2	5	8	4.7	0.0	26.0	57
04/05/2024 20:20	3.3	4	7	4.6	0.0	26.0	58
04/05/2024 20:30	2.5	341	11	3.9	0.0	25.9	58
04/05/2024 20:40	1.8	330	11	2.8	0.0	25.9	59
04/05/2024 20:50	1.5	314	18	2.2	0.0	25.8	62
04/05/2024 21:00	1.0	247	24	1.5	0.0	25.6	63
04/05/2024 21:10	1.4	266	9	2.1	0.0	25.2	63
04/05/2024 21:20	0.9	274	10	1.7	0.0	25.2	63
04/05/2024 21:30	1.0	267	10	1.8	0.0	25.0	64
04/05/2024 21:40	1.5	261	5	2.2	0.0	24.8	66
04/05/2024 21:50	2.5	264	3	2.9	0.0	24.4	69
04/05/2024 22:00	2.6	263	10	3.4	0.0	24.3	70
04/05/2024 22:10	2.9	253	9	3.8	0.0	24.8	67
04/05/2024 22:20	2.2	270	13	3.0	0.0	24.7	67
04/05/2024 22:30	2.2	278	10	3.0	0.0	24.2	69
04/05/2024 22:40	2.3	275	10	3.3	0.0	23.8	70
04/05/2024 22:50	2.6	270	9	3.3	0.0	23.8	71
04/05/2024 23:00	2.2	266	13	3.5	0.0	23.9	72
04/05/2024 23:10	2.3	272	10	3.1	0.0	23.9	73
04/05/2024 23:20	2.5	269	10	3.7	0.0	23.9	73
04/05/2024 23:30	3.0	268	10	4.5	0.0	24.0	71
04/05/2024 23:40	2.8	268	11	4.3	0.0	24.2	70
04/05/2024 23:50	2.7	272	10	3.8	0.0	24.1	70
05/05/2024 00:00	2.6	268	14	4.2	0.0	24.2	67
05/05/2024 00:10	2.6	269	11	4.0	0.0	24.2	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/05/2024 00:20	1.9	277	10	2.5	0.0	23.9	67
05/05/2024 00:30	1.6	275	6	2.0	0.0	23.7	67
05/05/2024 00:40	1.9	266	14	3.1	0.0	23.7	67
05/05/2024 00:50	0.9	246	35	1.8	0.0	23.7	66
05/05/2024 01:00	0.7	235	37	1.7	0.0	23.6	67
05/05/2024 01:10	1.1	247	21	2.0	0.0	23.6	65
05/05/2024 01:20	1.6	227	20	2.9	0.0	24.1	63
05/05/2024 01:30	1.2	235	17	2.1	0.0	24.0	63
05/05/2024 01:40	1.1	250	27	1.9	0.0	23.8	63
05/05/2024 01:50	1.2	268	23	2.1	0.0	23.3	65
05/05/2024 02:00	1.0	247	33	1.9	0.0	23.1	65
05/05/2024 02:10	0.8	230	38	1.5	0.0	23.3	64
05/05/2024 02:20	0.8	240	25	1.5	0.0	23.4	63
05/05/2024 02:30	0.6	230	51	1.2	0.0	23.3	63
05/05/2024 02:40	0.9	265	29	1.7	0.0	23.3	63
05/05/2024 02:50	0.8	263	33	1.3	0.0	23.3	62
05/05/2024 03:00	0.9	279	18	1.5	0.0	23.4	61
05/05/2024 03:10	0.7	253	36	1.4	0.0	23.4	61
05/05/2024 03:20	0.7	243	22	1.3	0.0	23.4	61
05/05/2024 03:30	1.0	267	16	1.4	0.0	23.4	61
05/05/2024 03:40	0.6	253	32	1.0	0.0	23.1	62
05/05/2024 03:50	0.7	108	43	1.3	0.0	22.5	64
05/05/2024 04:00	0.9	130	16	1.6	0.0	22.7	62
05/05/2024 04:10	0.7	89	33	1.4	0.0	22.5	63
05/05/2024 04:20	1.0	154	26	2.2	0.0	22.3	62
05/05/2024 04:30	1.7	170	11	2.5	0.0	22.5	60
05/05/2024 04:40	2.3	183	7	2.8	0.0	22.8	57
05/05/2024 04:50	2.2	177	9	2.8	0.0	22.8	57
05/05/2024 05:00	1.9	162	14	3.0	0.0	23.1	56
05/05/2024 05:10	2.5	181	10	3.2	0.0	23.6	53
05/05/2024 05:20	2.4	182	9	3.1	0.0	23.8	51
05/05/2024 05:30	2.2	175	13	3.2	0.0	24.1	50
05/05/2024 05:40	1.6	168	27	2.3	0.0	23.8	51
05/05/2024 05:50	1.5	181	27	2.4	0.0	22.7	55
05/05/2024 06:00	2.2	201	9	3.1	0.0	23.3	53
05/05/2024 06:10	2.3	195	12	3.6	0.0	23.1	52
05/05/2024 06:20	1.9	169	14	2.9	0.0	23.2	50
05/05/2024 06:30	1.9	188	16	3.2	0.0	23.2	49
05/05/2024 06:40	1.3	193	15	2.1	0.0	23.0	49
05/05/2024 06:50	0.7	24	59	1.3	0.0	22.1	53
05/05/2024 07:00	0.9	105	47	1.9	0.0	22.0	52
05/05/2024 07:10	1.5	155	25	2.8	0.0	23.4	46
05/05/2024 07:20	1.3	192	27	1.9	0.0	23.9	43
05/05/2024 07:30	1.8	194	18	3.3	0.0	24.5	39
05/05/2024 07:40	1.3	190	16	2.1	0.0	24.6	39
05/05/2024 07:50	1.1	124	25	2.1	0.0	25.3	38
05/05/2024 08:00	1.9	136	15	3.1	0.0	25.7	33
05/05/2024 08:10	1.7	131	15	2.8	0.0	25.9	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/05/2024 08:20	2.2	128	15	3.4	0.0	26.0	31
05/05/2024 08:30	1.7	129	13	2.8	0.0	26.0	30
05/05/2024 08:40	1.6	104	19	2.6	0.0	26.4	30
05/05/2024 08:50	2.3	103	13	3.6	0.0	26.4	29
05/05/2024 09:00	2.3	105	13	3.3	0.0	26.2	30
05/05/2024 09:10	2.1	99	17	3.3	0.0	26.2	33
05/05/2024 09:20	2.1	104	18	3.4	0.0	26.3	35
05/05/2024 09:30	2.0	109	23	3.4	0.0	26.3	37
05/05/2024 09:40	2.0	107	19	3.1	0.0	26.4	37
05/05/2024 09:50	2.3	98	17	3.5	0.0	26.6	35
05/05/2024 10:00	2.3	103	18	3.7	0.0	26.8	35
05/05/2024 10:10	2.4	95	22	4.3	0.0	27.6	31
05/05/2024 10:20	2.3	80	15	3.4	0.0	28.1	29
05/05/2024 10:30	2.0	91	17	3.0	0.0	28.8	28
05/05/2024 10:40	2.9	78	9	4.0	0.0	28.8	27
05/05/2024 10:50	3.0	92	14	4.5	0.0	29.2	25
05/05/2024 11:00	3.2	97	14	4.8	0.0	29.9	22
05/05/2024 11:10	3.2	85	13	4.9	0.0	30.6	21
05/05/2024 11:20	3.6	70	11	5.0	0.0	30.6	19
05/05/2024 11:30	4.0	75	10	5.9	0.0	30.4	19
05/05/2024 11:40	4.2	78	13	5.7	0.0	30.7	19
05/05/2024 11:50	3.7	68	13	5.6	0.0	30.7	21
05/05/2024 12:00	4.7	60	11	6.3	0.0	30.8	18
05/05/2024 12:10	4.5	54	9	6.4	0.0	30.8	17
05/05/2024 12:20	4.4	66	13	6.3	0.0	30.9	17
05/05/2024 12:30	4.6	69	11	6.4	0.0	31.0	15
05/05/2024 12:40	5.3	58	9	7.2	0.0	31.0	15
05/05/2024 12:50	5.4	55	8	7.3	0.0	30.7	15
05/05/2024 13:00	5.4	55	7	7.3	0.0	30.7	14
05/05/2024 13:10	4.7	62	14	6.6	0.0	30.8	17
05/05/2024 13:20	5.0	58	11	7.1	0.0	30.7	17
05/05/2024 13:30	5.1	52	10	6.6	0.0	30.9	15
05/05/2024 13:40	5.2	59	8	7.0	0.0	30.9	13
05/05/2024 13:50	5.0	64	8	6.8	0.0	31.2	12
05/05/2024 14:00	5.3	60	8	7.3	0.0	31.1	10
05/05/2024 14:10	5.6	62	8	7.5	0.0	31.2	10
05/05/2024 14:20	5.5	61	8	7.2	0.0	31.4	10
05/05/2024 14:30	5.9	63	7	7.4	0.0	31.4	10
05/05/2024 14:40	5.9	58	7	7.6	0.0	31.4	10
05/05/2024 14:50	5.2	60	8	7.2	0.0	31.5	11
05/05/2024 15:00	5.0	58	8	6.4	0.0	31.6	10
05/05/2024 15:10	4.8	65	7	6.4	0.0	31.8	10
05/05/2024 15:20	3.9	60	10	5.6	0.0	31.9	11
05/05/2024 15:30	3.8	59	8	5.1	0.0	31.7	11
05/05/2024 15:40	3.6	62	11	5.1	0.0	31.8	12
05/05/2024 15:50	2.9	23	24	4.7	0.0	31.6	13
05/05/2024 16:00	4.3	328	15	6.0	0.0	30.8	22
05/05/2024 16:10	4.6	319	8	6.2	0.0	30.0	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/05/2024 16:20	4.2	336	9	5.8	0.0	30.2	23
05/05/2024 16:30	4.6	187	11	5.9	0.0	30.2	18
05/05/2024 16:40	4.6	13	9	6.4	0.0	30.3	16
05/05/2024 16:50	4.4	5	10	5.7	0.0	29.9	18
05/05/2024 17:00	4.3	185	10	5.8	0.0	29.9	17
05/05/2024 17:10	4.6	12	9	6.3	0.0	29.6	16
05/05/2024 17:20	4.4	12	8	6.0	0.0	29.3	20
05/05/2024 17:30	3.8	5	12	5.5	0.0	28.9	24
05/05/2024 17:40	4.3	9	8	6.2	0.0	28.5	24
05/05/2024 17:50	3.4	346	9	5.1	0.0	28.2	29
05/05/2024 18:00	4.2	178	10	5.7	0.0	28.0	31
05/05/2024 18:10	4.4	352	8	5.6	0.0	27.9	30
05/05/2024 18:20	3.6	344	8	5.2	0.0	27.8	33
05/05/2024 18:30	3.2	345	9	4.3	0.0	27.6	36
05/05/2024 18:40	2.7	345	12	4.2	0.0	27.4	35
05/05/2024 18:50	2.0	321	13	3.1	0.0	27.2	42
05/05/2024 19:00	2.7	319	9	3.9	0.0	27.1	44
05/05/2024 19:10	2.7	319	8	3.7	0.0	27.2	44
05/05/2024 19:20	2.6	298	8	3.7	0.0	27.0	44
05/05/2024 19:30	2.8	276	4	3.5	0.0	26.5	49
05/05/2024 19:40	2.3	274	3	2.8	0.0	26.0	53
05/05/2024 19:50	1.6	240	15	2.7	0.0	25.9	56
05/05/2024 20:00	1.8	270	11	2.7	0.0	26.1	55
05/05/2024 20:10	2.1	276	5	2.6	0.0	25.7	53
05/05/2024 20:20	2.3	275	5	2.9	0.0	25.7	51
05/05/2024 20:30	2.5	269	3	3.2	0.0	25.2	55
05/05/2024 20:40	2.0	275	5	2.5	0.0	25.3	56
05/05/2024 20:50	2.7	272	2	3.1	0.0	25.1	57
05/05/2024 21:00	2.5	273	4	2.8	0.0	25.1	56
05/05/2024 21:10	2.7	272	3	3.0	0.0	25.4	54
05/05/2024 21:20	2.5	278	3	2.8	0.0	25.6	53
05/05/2024 21:30	2.7	268	4	3.1	0.0	25.4	55
05/05/2024 21:40	2.5	267	3	2.8	0.0	25.1	57
05/05/2024 21:50	2.8	268	3	3.7	0.0	24.7	57
05/05/2024 22:00	2.8	271	3	3.3	0.0	24.9	57
05/05/2024 22:10	2.6	272	4	3.2	0.0	24.7	58
05/05/2024 22:20	2.5	276	7	3.1	0.0	24.6	58
05/05/2024 22:30	2.6	268	10	3.5	0.0	24.5	60
05/05/2024 22:40	2.7	271	9	3.9	0.0	24.1	66
05/05/2024 22:50	3.1	268	9	4.3	0.0	23.8	68
05/05/2024 23:00	3.1	267	7	4.3	0.0	23.9	68
05/05/2024 23:10	3.3	268	7	4.2	0.0	23.8	67
05/05/2024 23:20	3.8	264	7	4.8	0.0	23.9	65
05/05/2024 23:30	4.0	262	5	4.8	0.0	24.2	62
05/05/2024 23:40	3.5	267	8	4.4	0.0	24.2	61
05/05/2024 23:50	3.5	270	8	4.3	0.0	24.3	58
06/05/2024 00:00	3.7	273	6	4.6	0.0	24.5	54
06/05/2024 00:10	3.2	278	4	3.9	0.0	24.6	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/05/2024 00:20	3.6	274	4	4.5	0.0	24.7	50
06/05/2024 00:30	3.3	275	5	4.1	0.0	24.7	49
06/05/2024 00:40	3.0	274	6	3.9	0.0	24.6	49
06/05/2024 00:50	2.7	279	6	3.2	0.0	24.7	47
06/05/2024 01:00	2.9	274	6	3.7	0.0	24.7	46
06/05/2024 01:10	2.8	271	8	3.6	0.0	24.5	45
06/05/2024 01:20	2.6	274	5	3.2	0.0	24.7	43
06/05/2024 01:30	2.9	274	4	3.3	0.0	24.6	43
06/05/2024 01:40	3.3	275	4	3.9	0.0	24.8	40
06/05/2024 01:50	3.3	272	4	4.1	0.0	24.5	42
06/05/2024 02:00	3.4	275	5	4.0	0.0	24.2	43
06/05/2024 02:10	3.5	275	4	4.3	0.0	24.3	44
06/05/2024 02:20	3.7	269	7	4.6	0.0	24.0	46
06/05/2024 02:30	3.7	270	5	4.2	0.0	24.0	45
06/05/2024 02:40	3.7	272	7	5.1	0.0	24.2	44
06/05/2024 02:50	3.1	272	10	4.7	0.0	24.3	43
06/05/2024 03:00	2.8	273	11	3.9	0.0	24.2	43
06/05/2024 03:10	3.0	272	12	4.2	0.0	24.5	41
06/05/2024 03:20	3.4	271	10	4.7	0.0	24.5	43
06/05/2024 03:30	3.7	277	6	4.6	0.0	24.1	46
06/05/2024 03:40	3.6	273	7	4.6	0.0	23.7	48
06/05/2024 03:50	3.5	266	12	5.1	0.0	23.6	49
06/05/2024 04:00	3.6	255	12	5.7	0.0	24.2	47
06/05/2024 04:10	2.4	242	20	4.1	0.0	24.4	47
06/05/2024 04:20	1.4	236	44	3.3	0.0	24.3	48
06/05/2024 04:30	1.4	247	25	2.1	0.0	24.1	49
06/05/2024 04:40	2.0	261	15	3.0	0.0	23.7	50
06/05/2024 04:50	2.1	262	17	3.3	0.0	23.8	52
06/05/2024 05:00	1.4	218	51	2.5	0.0	24.0	55
06/05/2024 05:10	1.0	257	48	2.2	0.0	23.8	57
06/05/2024 05:20	0.9	292	28	1.3	0.0	23.7	59
06/05/2024 05:30	0.7	291	53	1.5	0.0	23.5	61
06/05/2024 05:40	1.0	295	21	1.8	0.0	23.3	61
06/05/2024 05:50	0.6	152	47	1.1	0.0	23.0	62
06/05/2024 06:00	1.1	79	38	1.8	0.0	23.0	59
06/05/2024 06:10	0.5	216	72	1.2	0.0	23.2	54
06/05/2024 06:20	1.2	167	22	2.1	0.0	23.9	49
06/05/2024 06:30	1.2	123	39	1.9	0.0	24.2	48
06/05/2024 06:40	1.3	187	47	2.2	0.0	24.0	49
06/05/2024 06:50	1.1	259	53	2.2	0.0	23.8	50
06/05/2024 07:00	0.8	95	77	2.1	0.0	24.4	49
06/05/2024 07:10	1.2	151	57	2.2	0.0	24.6	49
06/05/2024 07:20	0.8	99	62	1.3	0.0	24.6	50
06/05/2024 07:30	0.8	113	38	1.5	0.0	25.0	49
06/05/2024 07:40	1.2	100	32	1.9	0.0	25.2	48
06/05/2024 07:50	1.3	70	44	2.5	0.0	25.5	45
06/05/2024 08:00	1.8	176	23	3.7	0.0	25.6	40
06/05/2024 08:10	1.3	159	42	2.7	0.0	26.1	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/05/2024 08:20	1.8	139	23	3.0	0.0	26.1	36
06/05/2024 08:30	2.3	131	14	3.7	0.0	26.7	32
06/05/2024 08:40	3.4	110	12	5.1	0.0	26.7	33
06/05/2024 08:50	3.4	113	10	4.9	0.0	26.1	35
06/05/2024 09:00	3.3	109	11	4.7	0.0	26.4	35
06/05/2024 09:10	3.6	109	10	5.4	0.0	26.5	36
06/05/2024 09:20	3.4	109	11	5.0	0.0	26.8	34
06/05/2024 09:30	3.2	110	12	5.2	0.0	27.2	33
06/05/2024 09:40	3.2	116	13	4.8	0.0	27.2	34
06/05/2024 09:50	3.3	107	12	4.8	0.0	27.7	33
06/05/2024 10:00	3.4	113	11	5.3	0.0	28.0	33
06/05/2024 10:10	3.5	111	11	5.1	0.0	28.5	33
06/05/2024 10:20	4.0	114	11	5.8	0.0	28.9	31
06/05/2024 10:30	3.9	105	14	6.3	0.0	30.1	26
06/05/2024 10:40	4.6	92	11	6.1	0.0	30.9	24
06/05/2024 10:50	5.5	89	8	7.3	0.0	30.8	24
06/05/2024 11:00	5.4	85	8	7.3	0.0	30.9	25
06/05/2024 11:10	6.2	71	6	8.0	0.0	30.9	26
06/05/2024 11:20	6.6	77	9	9.0	0.0	30.7	28
06/05/2024 11:30	7.7	77	7	9.7	0.0	30.7	26
06/05/2024 11:40	8.0	76	7	10.5	0.0	30.3	26
06/05/2024 11:50	7.5	76	7	9.7	0.0	30.2	26
06/05/2024 12:00	7.1	80	7	9.3	0.0	30.4	26
06/05/2024 12:10	6.9	79	7	8.7	0.0	30.4	27
06/05/2024 12:20	6.7	85	9	9.4	0.0	30.5	28
06/05/2024 12:30	6.5	82	10	9.1	0.0	30.8	27
06/05/2024 12:40	7.1	83	8	8.9	0.0	30.4	28
06/05/2024 12:50	6.6	87	7	9.9	0.0	30.4	28
06/05/2024 13:00	6.8	87	7	8.7	0.0	30.1	31
06/05/2024 13:10	6.4	78	8	9.0	0.0	30.1	33
06/05/2024 13:20	6.7	77	8	9.0	0.0	29.9	33
06/05/2024 13:30	7.0	81	7	9.3	0.0	30.4	32
06/05/2024 13:40	7.0	77	9	9.9	0.0	30.2	33
06/05/2024 13:50	6.9	77	8	9.1	0.0	30.3	34
06/05/2024 14:00	5.6	73	10	8.3	0.0	30.9	34
06/05/2024 14:10	6.4	76	9	8.1	0.0	31.0	34
06/05/2024 14:20	6.5	67	9	8.8	0.0	31.1	33
06/05/2024 14:30	7.2	64	7	9.5	0.0	30.7	33
06/05/2024 14:40	6.5	65	9	9.0	0.0	30.9	34
06/05/2024 14:50	6.7	62	8	8.9	0.0	30.8	35
06/05/2024 15:00	6.6	64	7	8.6	0.0	30.5	38
06/05/2024 15:10	6.8	64	8	9.7	0.0	30.5	38
06/05/2024 15:20	7.0	54	6	8.9	0.0	30.5	39
06/05/2024 15:30	6.7	60	8	8.9	0.0	30.6	39
06/05/2024 15:40	7.1	59	7	9.4	0.0	30.7	35
06/05/2024 15:50	7.0	60	7	9.9	0.0	30.6	35
06/05/2024 16:00	6.3	62	8	8.6	0.0	30.9	35
06/05/2024 16:10	6.3	58	8	9.1	0.0	30.7	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/05/2024 16:20	6.4	60	7	8.6	0.0	30.7	37
06/05/2024 16:30	6.0	61	8	8.5	0.0	30.7	36
06/05/2024 16:40	5.8	60	7	8.3	0.0	30.5	37
06/05/2024 16:50	5.1	58	8	7.3	0.0	30.4	37
06/05/2024 17:00	4.3	61	8	5.8	0.0	30.4	38
06/05/2024 17:10	4.5	49	10	6.4	0.0	30.6	35
06/05/2024 17:20	5.3	47	8	7.3	0.0	30.8	31
06/05/2024 17:30	4.1	43	8	6.6	0.0	30.5	32
06/05/2024 17:40	3.6	36	8	5.6	0.0	30.1	33
06/05/2024 17:50	4.4	40	7	6.0	0.0	30.0	33
06/05/2024 18:00	3.8	34	8	5.6	0.0	29.9	34
06/05/2024 18:10	3.4	34	9	5.3	0.0	29.6	38
06/05/2024 18:20	2.6	40	8	4.1	0.0	29.3	39
06/05/2024 18:30	2.3	34	10	3.4	0.0	28.8	43
06/05/2024 18:40	3.0	26	8	3.9	0.0	28.7	46
06/05/2024 18:50	3.5	25	8	4.9	0.0	28.6	47
06/05/2024 19:00	3.6	16	9	4.8	0.0	28.5	47
06/05/2024 19:10	3.8	11	7	5.0	0.0	28.3	50
06/05/2024 19:20	4.4	6	6	6.0	0.0	28.3	50
06/05/2024 19:30	4.6	5	8	6.2	0.0	28.0	53
06/05/2024 19:40	5.1	9	6	6.5	0.0	28.0	54
06/05/2024 19:50	4.7	11	6	6.0	0.0	28.0	54
06/05/2024 20:00	4.7	4	8	6.3	0.0	27.9	55
06/05/2024 20:10	4.6	2	8	6.2	0.0	27.7	57
06/05/2024 20:20	4.6	2	7	6.3	0.0	27.5	58
06/05/2024 20:30	4.8	179	7	6.3	0.0	27.5	58
06/05/2024 20:40	4.9	354	7	6.5	0.0	27.6	58
06/05/2024 20:50	3.5	337	9	4.8	0.0	27.5	60
06/05/2024 21:00	2.9	324	9	3.8	0.0	27.4	62
06/05/2024 21:10	3.5	271	13	5.6	0.0	27.2	70
06/05/2024 21:20	2.9	254	15	4.7	0.0	26.7	76
06/05/2024 21:30	3.5	258	8	4.7	0.0	26.3	79
06/05/2024 21:40	2.9	260	14	4.3	0.0	26.3	75
06/05/2024 21:50	2.6	270	9	3.4	0.0	25.9	75
06/05/2024 22:00	2.5	270	6	3.3	0.0	25.8	76
06/05/2024 22:10	2.6	282	5	3.3	0.0	25.7	77
06/05/2024 22:20	2.8	282	6	4.0	0.0	25.6	78
06/05/2024 22:30	3.5	272	5	4.4	0.0	25.6	77
06/05/2024 22:40	3.2	281	6	4.7	0.0	25.7	74
06/05/2024 22:50	3.9	280	4	4.5	0.0	25.6	74
06/05/2024 23:00	3.0	289	8	3.7	0.0	25.8	72
06/05/2024 23:10	3.3	277	5	4.0	0.0	25.7	71
06/05/2024 23:20	3.3	276	5	4.4	0.0	25.6	70
06/05/2024 23:30	3.1	271	7	4.0	0.0	25.6	68
06/05/2024 23:40	4.0	275	4	4.9	0.0	25.7	65
06/05/2024 23:50	3.5	272	6	4.5	0.0	25.7	65
07/05/2024 00:00	4.0	274	4	4.8	0.0	25.6	64
07/05/2024 00:10	4.0	269	3	5.2	0.0	25.6	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/05/2024 00:20	3.8	264	5	4.6	0.0	25.6	63
07/05/2024 00:30	3.7	269	3	4.5	0.0	25.5	63
07/05/2024 00:40	3.7	271	5	4.5	0.0	25.5	60
07/05/2024 00:50	3.7	264	5	4.9	0.0	25.5	59
07/05/2024 01:00	3.7	271	5	4.7	0.0	25.6	57
07/05/2024 01:10	3.6	271	4	4.2	0.0	25.8	55
07/05/2024 01:20	3.2	272	4	4.0	0.0	25.7	54
07/05/2024 01:30	3.2	270	5	3.8	0.0	25.7	53
07/05/2024 01:40	3.2	276	6	4.0	0.0	25.7	51
07/05/2024 01:50	3.2	278	6	3.9	0.0	25.9	49
07/05/2024 02:00	3.1	273	5	3.8	0.0	25.8	49
07/05/2024 02:10	3.1	277	5	3.6	0.0	26.0	46
07/05/2024 02:20	3.3	273	4	3.9	0.0	26.2	44
07/05/2024 02:30	3.3	269	3	4.0	0.0	25.9	45
07/05/2024 02:40	3.4	271	2	3.8	0.0	25.6	46
07/05/2024 02:50	3.0	271	3	3.8	0.0	25.3	47
07/05/2024 03:00	3.0	271	2	3.4	0.0	25.2	48
07/05/2024 03:10	2.9	269	1	3.2	0.0	25.2	48
07/05/2024 03:20	2.8	268	1	3.0	0.0	24.9	50
07/05/2024 03:30	2.7	269	1	2.9	0.0	24.8	51
07/05/2024 03:40	2.9	269	1	3.1	0.0	24.8	53
07/05/2024 03:50	2.9	268	2	3.4	0.0	24.6	55
07/05/2024 04:00	3.0	271	3	3.3	0.0	24.6	58
07/05/2024 04:10	3.1	267	2	3.5	0.0	24.4	60
07/05/2024 04:20	2.2	269	4	2.8	0.0	24.1	61
07/05/2024 04:30	1.1	284	18	1.9	0.0	23.7	63
07/05/2024 04:40	1.1	275	18	1.9	0.0	23.8	64
07/05/2024 04:50	1.0	241	31	1.5	0.0	24.1	62
07/05/2024 05:00	1.4	268	13	2.0	0.0	24.7	59
07/05/2024 05:10	0.8	313	28	1.3	0.0	24.1	60
07/05/2024 05:20	0.7	255	40	1.4	0.0	23.4	62
07/05/2024 05:30	1.1	184	59	2.1	0.0	22.6	65
07/05/2024 05:40	1.2	184	30	2.0	0.0	23.2	62
07/05/2024 05:50	1.4	62	25	2.0	0.0	22.1	67
07/05/2024 06:00	1.2	131	50	2.6	0.0	22.8	61
07/05/2024 06:10	2.4	194	17	4.2	0.0	25.0	48
07/05/2024 06:20	1.9	179	15	3.2	0.0	25.6	44
07/05/2024 06:30	1.3	111	23	2.5	0.0	25.3	45
07/05/2024 06:40	1.5	110	20	2.3	0.0	24.4	46
07/05/2024 06:50	1.6	116	13	2.5	0.0	25.3	42
07/05/2024 07:00	2.4	100	12	3.2	0.0	24.1	49
07/05/2024 07:10	2.0	118	14	2.8	0.0	25.0	45
07/05/2024 07:20	1.9	99	21	3.0	0.0	24.6	48
07/05/2024 07:30	1.9	103	24	3.0	0.0	25.2	47
07/05/2024 07:40	1.5	102	18	2.3	0.0	25.6	47
07/05/2024 07:50	1.8	114	14	2.8	0.0	25.7	48
07/05/2024 08:00	2.6	85	8	3.4	0.0	25.8	51
07/05/2024 08:10	2.5	99	11	4.1	0.0	25.9	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/05/2024 08:20	3.3	94	11	4.5	0.0	26.4	48
07/05/2024 08:30	3.5	91	13	5.0	0.0	26.6	46
07/05/2024 08:40	2.8	96	11	4.1	0.0	26.7	45
07/05/2024 08:50	3.1	96	12	5.1	0.0	27.0	44
07/05/2024 09:00	3.2	104	13	4.4	0.0	27.0	45
07/05/2024 09:10	3.3	107	13	5.1	0.0	27.0	43
07/05/2024 09:20	3.4	108	12	4.7	0.0	27.2	43
07/05/2024 09:30	3.0	102	13	4.7	0.0	27.5	43
07/05/2024 09:40	2.7	91	13	4.0	0.0	27.9	44
07/05/2024 09:50	3.4	83	10	5.1	0.0	28.2	43
07/05/2024 10:00	2.6	101	17	3.7	0.0	28.4	42
07/05/2024 10:10	2.9	82	12	4.1	0.0	28.9	38
07/05/2024 10:20	3.1	79	8	4.3	0.0	29.1	35
07/05/2024 10:30	3.1	83	11	4.2	0.0	29.8	33
07/05/2024 10:40	2.9	90	18	4.7	0.0	30.1	32
07/05/2024 10:50	3.4	74	10	4.8	0.0	29.9	33
07/05/2024 11:00	3.5	72	13	4.9	0.0	30.5	30
07/05/2024 11:10	3.4	62	13	5.1	0.0	30.3	34
07/05/2024 11:20	4.1	56	9	5.2	0.0	30.3	34
07/05/2024 11:30	4.3	61	9	5.7	0.0	30.4	35
07/05/2024 11:40	4.7	56	10	6.2	0.0	30.5	38
07/05/2024 11:50	5.0	60	6	6.2	0.0	30.4	37
07/05/2024 12:00	4.6	62	10	6.2	0.0	30.7	36
07/05/2024 12:10	5.2	68	7	6.8	0.0	30.8	36
07/05/2024 12:20	5.6	68	6	6.9	0.0	30.7	36
07/05/2024 12:30	5.1	64	8	6.7	0.0	31.1	34
07/05/2024 12:40	4.8	64	9	6.3	0.0	31.6	32
07/05/2024 12:50	4.8	67	7	5.9	0.0	31.7	31
07/05/2024 13:00	4.7	62	11	6.4	0.0	32.0	31
07/05/2024 13:10	5.0	56	8	6.3	0.0	31.8	33
07/05/2024 13:20	5.0	48	8	6.3	0.0	31.3	37
07/05/2024 13:30	4.8	50	8	6.2	0.0	30.8	38
07/05/2024 13:40	5.0	51	8	6.4	0.0	30.6	37
07/05/2024 13:50	5.7	51	7	7.1	0.0	31.0	35
07/05/2024 14:00	6.0	60	7	7.3	0.0	31.6	29
07/05/2024 14:10	6.2	64	6	7.8	0.0	31.7	30
07/05/2024 14:20	6.5	64	8	8.0	0.0	31.5	32
07/05/2024 14:30	5.8	64	9	8.2	0.0	31.8	31
07/05/2024 14:40	6.4	66	8	8.4	0.0	31.8	31
07/05/2024 14:50	7.0	66	7	8.9	0.0	31.6	30
07/05/2024 15:00	6.6	66	7	9.2	0.0	31.7	28
07/05/2024 15:10	7.0	63	7	9.0	0.0	31.5	30
07/05/2024 15:20	7.0	63	9	9.2	0.0	31.6	30
07/05/2024 15:30	6.9	63	8	10.0	0.0	31.5	31
07/05/2024 15:40	6.7	64	8	9.1	0.0	31.3	32
07/05/2024 15:50	7.2	62	7	9.5	0.0	31.0	34
07/05/2024 16:00	6.5	59	8	9.1	0.0	31.0	34
07/05/2024 16:10	7.0	58	8	9.1	0.0	30.8	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/05/2024 16:20	6.9	58	7	8.6	0.0	30.7	34
07/05/2024 16:30	6.6	60	7	8.9	0.0	30.7	34
07/05/2024 16:40	6.3	59	7	8.6	0.0	30.7	34
07/05/2024 16:50	5.5	59	7	8.1	0.0	30.7	34
07/05/2024 17:00	5.4	60	7	6.7	0.0	30.3	37
07/05/2024 17:10	5.1	60	6	6.7	0.0	29.9	41
07/05/2024 17:20	4.4	58	6	5.7	0.0	29.7	41
07/05/2024 17:30	4.0	57	5	5.4	0.0	29.5	43
07/05/2024 17:40	3.5	55	5	4.7	0.0	29.0	46
07/05/2024 17:50	3.7	56	5	4.8	0.0	28.7	49
07/05/2024 18:00	3.7	50	8	5.3	0.0	28.7	43
07/05/2024 18:10	3.7	46	6	5.1	0.0	29.0	38
07/05/2024 18:20	4.2	45	8	6.5	0.0	29.1	38
07/05/2024 18:30	2.6	52	8	4.2	0.0	28.6	42
07/05/2024 18:40	1.9	56	22	3.7	0.0	27.9	47
07/05/2024 18:50	1.8	140	34	3.3	0.0	28.3	44
07/05/2024 19:00	2.1	305	9	3.2	0.0	28.2	56
07/05/2024 19:10	2.3	321	6	3.2	0.0	27.9	58
07/05/2024 19:20	1.9	307	17	2.6	0.0	28.0	56
07/05/2024 19:30	2.2	296	11	3.2	0.0	27.6	61
07/05/2024 19:40	2.3	317	11	3.5	0.0	27.4	63
07/05/2024 19:50	1.9	308	14	2.9	0.0	27.5	61
07/05/2024 20:00	2.1	283	15	2.8	0.0	27.3	65
07/05/2024 20:10	1.9	298	13	2.7	0.0	27.2	69
07/05/2024 20:20	1.6	315	13	2.6	0.0	27.2	68
07/05/2024 20:30	1.3	288	17	1.7	0.0	27.0	70
07/05/2024 20:40	0.9	283	15	1.3	0.0	26.7	72
07/05/2024 20:50	1.4	297	14	2.0	0.0	26.6	71
07/05/2024 21:00	2.0	289	9	2.8	0.0	26.8	70
07/05/2024 21:10	1.5	280	15	2.2	0.0	26.9	71
07/05/2024 21:20	1.5	282	6	1.8	0.0	26.6	75
07/05/2024 21:30	1.1	262	11	1.5	0.0	26.5	75
07/05/2024 21:40	1.7	260	15	2.4	0.0	26.5	75
07/05/2024 21:50	1.9	278	11	2.4	0.0	26.1	78
07/05/2024 22:00	2.1	268	5	2.6	0.0	26.0	78
07/05/2024 22:10	2.4	275	4	2.9	0.0	25.8	79
07/05/2024 22:20	2.6	272	4	3.3	0.0	25.8	80
07/05/2024 22:30	2.6	278	6	3.3	0.0	25.8	80
07/05/2024 22:40	2.6	272	5	3.1	0.0	25.6	80
07/05/2024 22:50	3.1	267	3	3.6	0.0	25.6	80
07/05/2024 23:00	2.8	266	3	3.1	0.0	25.4	80
07/05/2024 23:10	2.5	261	3	2.9	0.0	25.4	81
07/05/2024 23:20	1.8	260	6	2.5	0.0	25.3	82
07/05/2024 23:30	2.0	265	7	2.7	0.0	25.4	82
07/05/2024 23:40	2.3	264	4	2.7	0.0	25.3	82
07/05/2024 23:50	2.0	251	9	2.6	0.0	25.4	81
08/05/2024 00:00	1.9	278	8	2.9	0.0	25.1	82
08/05/2024 00:10	2.9	276	9	3.5	0.0	25.4	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/05/2024 00:20	2.9	283	5	3.5	0.0	25.6	80
08/05/2024 00:30	2.9	283	6	3.6	0.0	25.6	80
08/05/2024 00:40	2.5	294	9	3.4	0.0	25.6	80
08/05/2024 00:50	2.7	303	8	3.5	0.0	25.6	80
08/05/2024 01:00	2.5	296	11	3.5	0.0	25.6	79
08/05/2024 01:10	2.1	284	7	2.9	0.0	25.3	81
08/05/2024 01:20	2.3	301	10	3.4	0.0	25.3	80
08/05/2024 01:30	2.2	284	8	2.8	0.0	25.5	79
08/05/2024 01:40	2.1	292	7	2.8	0.0	25.1	81
08/05/2024 01:50	3.0	299	10	3.9	0.0	25.7	77
08/05/2024 02:00	2.4	282	7	3.2	0.0	25.7	77
08/05/2024 02:10	1.6	275	7	2.2	0.0	25.2	79
08/05/2024 02:20	1.5	283	10	2.1	0.0	25.0	80
08/05/2024 02:30	1.6	275	7	2.5	0.0	25.0	80
08/05/2024 02:40	2.0	275	4	2.6	0.0	24.9	79
08/05/2024 02:50	1.7	270	5	2.4	0.0	24.8	80
08/05/2024 03:00	2.0	275	3	2.5	0.0	24.7	81
08/05/2024 03:10	2.9	277	5	3.4	0.0	25.0	78
08/05/2024 03:20	2.4	279	5	2.9	0.0	25.3	76
08/05/2024 03:30	1.2	245	29	2.2	0.0	25.2	78
08/05/2024 03:40	0.9	291	30	2.0	0.0	24.6	80
08/05/2024 03:50	2.3	282	7	3.0	0.0	25.1	76
08/05/2024 04:00	1.8	269	5	2.5	0.0	25.2	77
08/05/2024 04:10	2.2	272	3	2.5	0.0	24.5	81
08/05/2024 04:20	2.3	279	2	2.5	0.0	24.7	81
08/05/2024 04:30	2.1	279	3	2.4	0.0	24.8	81
08/05/2024 04:40	2.1	282	7	2.8	0.0	24.8	80
08/05/2024 04:50	2.4	287	9	2.9	0.0	24.8	80
08/05/2024 05:00	2.1	279	6	2.9	0.0	24.7	81
08/05/2024 05:10	1.9	289	7	2.3	0.0	24.5	82
08/05/2024 05:20	2.0	287	5	2.5	0.0	24.3	83
08/05/2024 05:30	1.6	283	6	1.9	0.0	24.1	83
08/05/2024 05:40	1.3	254	32	2.2	0.0	23.9	83
08/05/2024 05:50	0.6	204	46	1.2	0.0	23.9	84
08/05/2024 06:00	0.3	332	58	0.7	0.0	23.5	84
08/05/2024 06:10	0.3	178	34	0.7	0.0	23.3	85
08/05/2024 06:20	0.3	146	46	0.8	0.0	23.2	86
08/05/2024 06:30	0.7	250	10	1.1	0.0	23.2	86
08/05/2024 06:40	0.8	65	45	1.3	0.0	22.9	86
08/05/2024 06:50	0.9	70	9	1.3	0.0	22.7	87
08/05/2024 07:00	1.7	80	9	2.5	0.0	22.3	87
08/05/2024 07:10	1.6	50	8	2.1	0.0	22.1	87
08/05/2024 07:20	1.8	40	7	2.2	0.0	22.4	85
08/05/2024 07:30	1.5	31	8	2.0	0.0	22.8	83
08/05/2024 07:40	1.5	45	12	1.9	0.0	23.6	80
08/05/2024 07:50	1.2	40	12	1.7	0.0	24.4	75
08/05/2024 08:00	0.7	149	56	1.5	0.0	25.4	71
08/05/2024 08:10	1.6	159	16	2.3	0.0	25.7	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/05/2024 08:20	1.9	169	13	2.6	0.0	26.1	59
08/05/2024 08:30	2.1	179	10	2.7	0.0	26.2	59
08/05/2024 08:40	1.8	188	8	2.5	0.0	26.6	57
08/05/2024 08:50	1.0	174	33	1.9	0.0	27.2	55
08/05/2024 09:00	2.0	98	15	2.9	0.0	27.9	50
08/05/2024 09:10	2.8	98	12	3.7	0.0	27.5	52
08/05/2024 09:20	3.2	108	11	4.3	0.0	27.0	54
08/05/2024 09:30	6.0	85	7	8.1	0.0	27.2	56
08/05/2024 09:40	5.7	85	6	8.3	0.0	27.1	55
08/05/2024 09:50	6.2	72	6	8.3	0.0	27.1	57
08/05/2024 10:00	6.7	77	8	8.8	0.0	27.1	60
08/05/2024 10:10	6.9	75	7	9.1	0.0	27.2	60
08/05/2024 10:20	7.5	73	6	9.4	0.0	26.9	61
08/05/2024 10:30	7.0	71	6	9.3	0.0	27.2	60
08/05/2024 10:40	7.0	76	7	8.8	0.0	27.3	62
08/05/2024 10:50	7.6	79	6	10.0	0.0	27.0	65
08/05/2024 11:00	7.2	76	8	9.2	0.0	26.9	65
08/05/2024 11:10	6.9	82	7	8.9	0.0	27.6	61
08/05/2024 11:20	7.0	82	6	9.3	0.0	27.5	60
08/05/2024 11:30	6.8	76	6	9.1	0.0	27.6	60
08/05/2024 11:40	7.1	79	8	9.2	0.0	27.7	59
08/05/2024 11:50	7.2	75	10	9.7	0.0	28.1	58
08/05/2024 12:00	7.7	74	7	10.3	0.0	27.8	58
08/05/2024 12:10	6.6	75	10	8.9	0.0	28.4	56
08/05/2024 12:20	6.7	77	9	9.5	0.0	28.7	55
08/05/2024 12:30	6.9	63	9	9.3	0.0	28.6	56
08/05/2024 12:40	6.5	68	8	8.9	0.0	28.9	55
08/05/2024 12:50	7.2	62	8	9.5	0.0	28.5	56
08/05/2024 13:00	7.3	63	8	9.7	0.0	28.6	55
08/05/2024 13:10	7.4	62	7	9.8	0.0	28.6	54
08/05/2024 13:20	7.3	65	10	9.6	0.0	28.6	54
08/05/2024 13:30	7.0	66	9	9.1	0.0	28.9	54
08/05/2024 13:40	7.4	57	7	9.3	0.0	28.9	52
08/05/2024 13:50	6.6	62	9	9.2	0.0	29.2	51
08/05/2024 14:00	6.7	58	9	8.6	0.0	29.2	53
08/05/2024 14:10	6.7	56	9	8.7	0.0	29.2	52
08/05/2024 14:20	6.6	58	9	8.2	0.0	29.3	52
08/05/2024 14:30	6.5	59	9	9.3	0.0	29.1	52
08/05/2024 14:40	6.0	66	9	8.2	0.0	29.4	50
08/05/2024 14:50	5.6	63	9	7.4	0.0	29.6	49
08/05/2024 15:00	5.6	63	9	7.2	0.0	29.5	47
08/05/2024 15:10	5.0	61	8	6.6	0.0	29.8	46
08/05/2024 15:20	5.0	63	7	6.2	0.0	29.7	45
08/05/2024 15:30	4.3	61	7	5.6	0.0	30.0	42
08/05/2024 15:40	4.0	54	8	4.9	0.0	30.1	40
08/05/2024 15:50	3.6	60	9	4.8	0.0	30.3	36
08/05/2024 16:00	3.6	53	10	4.5	0.0	30.7	31
08/05/2024 16:10	4.4	55	8	5.3	0.0	30.8	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/05/2024 16:20	3.9	59	8	5.5	0.0	30.9	27
08/05/2024 16:30	3.8	62	10	5.3	0.0	30.8	28
08/05/2024 16:40	4.6	59	8	6.4	0.0	30.7	28
08/05/2024 16:50	4.1	58	7	5.5	0.0	30.4	30
08/05/2024 17:00	3.5	61	6	4.9	0.0	30.4	32
08/05/2024 17:10	3.2	44	11	4.7	0.0	30.2	33
08/05/2024 17:20	3.9	20	8	5.2	0.0	30.1	34
08/05/2024 17:30	3.8	24	8	5.2	0.0	29.7	35
08/05/2024 17:40	3.6	30	8	5.3	0.0	29.4	35
08/05/2024 17:50	3.7	28	9	5.3	0.0	29.1	38
08/05/2024 18:00	4.5	19	8	5.7	0.0	28.5	51
08/05/2024 18:10	3.9	20	7	5.4	0.0	28.0	54
08/05/2024 18:20	3.4	31	7	4.7	0.0	28.0	52
08/05/2024 18:30	2.6	56	9	3.8	0.0	27.7	45
08/05/2024 18:40	3.3	53	8	5.4	0.0	27.5	41
08/05/2024 18:50	3.6	55	10	4.9	0.0	27.5	48
08/05/2024 19:00	2.9	61	7	3.9	0.0	26.6	59
08/05/2024 19:10	3.7	62	8	5.0	0.0	26.5	62
08/05/2024 19:20	3.6	60	7	4.9	0.0	26.3	65
08/05/2024 19:30	3.2	60	7	4.4	0.0	26.4	66
08/05/2024 19:40	1.9	51	8	2.9	0.0	26.2	66
08/05/2024 19:50	2.5	45	12	4.2	0.0	26.4	60
08/05/2024 20:00	3.8	35	10	5.5	0.0	26.8	59
08/05/2024 20:10	3.2	37	9	4.8	0.0	26.8	61
08/05/2024 20:20	3.3	30	11	4.9	0.0	26.7	63
08/05/2024 20:30	3.5	28	10	5.2	0.0	26.6	64
08/05/2024 20:40	3.2	30	11	5.1	0.0	26.5	67
08/05/2024 20:50	3.2	35	11	4.6	0.0	26.4	68
08/05/2024 21:00	2.6	37	9	4.5	0.0	26.4	68
08/05/2024 21:10	2.6	34	12	4.1	0.0	26.3	69
08/05/2024 21:20	2.0	39	14	3.1	0.0	26.1	71
08/05/2024 21:30	2.1	41	11	3.1	0.0	26.0	72
08/05/2024 21:40	1.8	37	12	3.4	0.0	25.9	72
08/05/2024 21:50	1.6	43	15	2.6	0.0	25.9	72
08/05/2024 22:00	1.4	57	10	2.1	0.0	25.7	73
08/05/2024 22:10	1.3	52	12	2.4	0.0	25.5	73
08/05/2024 22:20	1.4	52	13	2.3	0.0	25.5	74
08/05/2024 22:30	1.3	57	11	1.9	0.0	25.3	75
08/05/2024 22:40	0.9	50	22	2.5	0.0	25.2	74
08/05/2024 22:50	0.9	39	23	2.1	0.0	25.4	73
08/05/2024 23:00	0.8	242	28	1.4	0.0	25.4	72
08/05/2024 23:10	1.1	220	21	1.7	0.0	25.9	69
08/05/2024 23:20	1.1	246	15	1.7	0.0	25.8	69
08/05/2024 23:30	1.7	271	12	2.3	0.0	25.4	73
08/05/2024 23:40	1.5	250	7	2.0	0.0	25.6	72
08/05/2024 23:50	1.2	251	12	1.5	0.0	25.4	73
09/05/2024 00:00	1.8	267	6	2.4	0.0	25.3	75
09/05/2024 00:10	1.5	270	6	2.1	0.0	25.3	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/05/2024 00:20	1.3	277	14	1.8	0.0	25.2	77
09/05/2024 00:30	0.8	68	20	1.3	0.0	24.3	78
09/05/2024 00:40	1.9	68	7	2.8	0.0	23.5	80
09/05/2024 00:50	2.6	86	11	3.6	0.0	23.2	83
09/05/2024 01:00	2.2	107	16	3.9	0.0	23.9	84
09/05/2024 01:10	2.0	118	17	3.5	0.0	24.0	86
09/05/2024 01:20	1.6	119	20	3.0	0.0	24.0	86
09/05/2024 01:30	1.5	99	28	2.3	0.0	24.0	86
09/05/2024 01:40	2.0	109	15	3.2	0.0	23.7	88
09/05/2024 01:50	1.7	95	18	2.6	0.0	23.8	87
09/05/2024 02:00	0.9	80	32	1.5	0.0	23.4	88
09/05/2024 02:10	0.9	102	35	1.7	0.0	23.5	88
09/05/2024 02:20	0.9	93	29	1.7	0.0	23.5	87
09/05/2024 02:30	0.9	63	47	2.2	0.0	23.4	88
09/05/2024 02:40	1.2	112	35	2.3	0.0	23.4	88
09/05/2024 02:50	1.9	125	8	2.7	0.0	23.8	85
09/05/2024 03:00	1.8	125	9	2.7	0.0	24.0	83
09/05/2024 03:10	1.5	117	10	2.0	0.0	24.0	82
09/05/2024 03:20	1.2	98	25	1.9	0.0	23.7	83
09/05/2024 03:30	1.1	80	22	1.8	0.0	23.4	85
09/05/2024 03:40	1.3	79	16	1.9	0.0	23.1	87
09/05/2024 03:50	1.6	109	12	2.2	0.0	23.1	86
09/05/2024 04:00	1.7	123	9	2.3	0.0	23.6	83
09/05/2024 04:10	1.9	122	11	2.9	0.0	23.6	83
09/05/2024 04:20	2.0	122	10	2.8	0.0	23.4	83
09/05/2024 04:30	1.8	127	12	2.7	0.0	23.5	82
09/05/2024 04:40	1.2	101	39	2.4	0.0	23.3	83
09/05/2024 04:50	1.8	111	39	3.5	0.0	23.0	84
09/05/2024 05:00	1.7	123	20	2.9	0.0	23.1	83
09/05/2024 05:10	1.9	125	13	3.1	0.0	23.3	80
09/05/2024 05:20	1.9	117	16	3.3	0.0	23.4	78
09/05/2024 05:30	1.7	117	23	2.7	0.0	23.3	77
09/05/2024 05:40	2.0	110	19	3.1	0.0	23.2	77
09/05/2024 05:50	2.3	112	19	3.8	0.0	22.8	79
09/05/2024 06:00	2.1	114	17	3.2	0.0	22.9	79
09/05/2024 06:10	2.5	112	14	3.9	0.0	22.7	79
09/05/2024 06:20	2.7	113	10	4.0	0.0	22.9	78
09/05/2024 06:30	2.9	113	9	4.1	0.0	23.1	76
09/05/2024 06:40	2.4	119	11	3.5	0.0	23.1	74
09/05/2024 06:50	2.6	118	12	4.4	0.0	23.1	74
09/05/2024 07:00	3.1	118	9	4.5	0.0	23.4	72
09/05/2024 07:10	3.7	115	6	4.7	0.0	23.6	70
09/05/2024 07:20	3.1	116	9	4.5	0.0	23.8	69
09/05/2024 07:30	2.7	116	12	5.0	0.0	23.9	71
09/05/2024 07:40	3.7	115	9	5.0	0.0	24.2	69
09/05/2024 07:50	3.3	109	12	5.0	0.0	24.5	69
09/05/2024 08:00	3.5	109	12	5.4	0.0	25.3	64
09/05/2024 08:10	4.5	115	7	6.2	0.0	25.5	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/05/2024 08:20	4.0	111	9	5.4	0.0	25.3	64
09/05/2024 08:30	4.9	114	9	6.9	0.0	25.9	58
09/05/2024 08:40	4.7	110	11	6.7	0.0	26.2	56
09/05/2024 08:50	4.3	106	12	6.8	0.0	26.4	54
09/05/2024 09:00	5.0	112	10	7.0	0.0	26.4	54
09/05/2024 09:10	5.3	114	11	7.5	0.0	26.5	51
09/05/2024 09:20	6.5	96	10	9.7	0.0	27.6	38
09/05/2024 09:30	7.1	91	8	9.7	0.0	27.8	35
09/05/2024 09:40	6.9	91	9	10.8	0.0	28.0	36
09/05/2024 09:50	6.9	88	8	9.9	0.0	28.1	36
09/05/2024 10:00	7.3	90	7	10.0	0.0	28.1	35
09/05/2024 10:10	6.5	90	11	9.2	0.0	28.0	36
09/05/2024 10:20	7.2	86	8	10.2	0.0	28.1	37
09/05/2024 10:30	7.0	85	9	10.0	0.0	28.0	38
09/05/2024 10:40	6.7	81	8	9.7	0.0	28.1	37
09/05/2024 10:50	7.6	81	10	11.1	0.0	28.0	37
09/05/2024 11:00	7.3	85	8	10.4	0.0	27.8	39
09/05/2024 11:10	7.1	86	9	9.6	0.0	27.9	39
09/05/2024 11:20	7.8	79	8	10.3	0.0	27.6	39
09/05/2024 11:30	7.5	76	9	10.3	0.0	27.9	39
09/05/2024 11:40	8.8	82	9	12.3	0.0	27.7	38
09/05/2024 11:50	8.8	74	8	11.6	0.0	27.6	39
09/05/2024 12:00	8.7	76	7	11.8	0.0	27.9	38
09/05/2024 12:10	8.8	79	8	11.8	0.0	27.8	39
09/05/2024 12:20	7.7	81	9	11.6	0.0	28.6	36
09/05/2024 12:30	7.2	83	8	9.8	0.0	28.7	37
09/05/2024 12:40	7.6	81	9	11.2	0.0	28.8	35
09/05/2024 12:50	7.7	77	9	11.0	0.0	28.6	36
09/05/2024 13:00	6.8	74	9	9.8	0.0	28.7	37
09/05/2024 13:10	6.4	67	9	9.0	0.0	28.5	40
09/05/2024 13:20	6.7	64	10	9.6	0.0	28.6	41
09/05/2024 13:30	6.4	65	8	8.8	0.0	28.4	41
09/05/2024 13:40	5.8	70	11	8.7	0.0	28.6	42
09/05/2024 13:50	5.9	75	11	8.4	0.0	28.2	43
09/05/2024 14:00	6.1	85	8	8.2	0.0	28.2	44
09/05/2024 14:10	5.7	78	12	7.9	0.0	28.5	43
09/05/2024 14:20	6.1	74	10	8.2	0.0	28.3	44
09/05/2024 14:30	6.0	62	8	8.0	0.0	28.0	45
09/05/2024 14:40	5.6	62	11	7.3	0.0	28.2	45
09/05/2024 14:50	6.0	60	8	7.7	0.0	28.3	44
09/05/2024 15:00	6.6	56	10	9.4	0.0	28.6	39
09/05/2024 15:10	6.8	60	8	9.5	0.0	28.6	38
09/05/2024 15:20	6.7	58	8	9.3	0.0	28.6	39
09/05/2024 15:30	6.3	59	8	8.2	0.0	28.7	39
09/05/2024 15:40	6.1	62	7	7.8	0.0	28.8	39
09/05/2024 15:50	5.6	64	8	7.4	0.0	28.9	40
09/05/2024 16:00	5.1	62	8	7.0	0.0	29.0	39
09/05/2024 16:10	4.8	50	11	6.9	0.0	29.2	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/05/2024 16:20	3.8	41	12	5.3	0.0	29.6	35
09/05/2024 16:30	4.7	18	9	6.5	0.0	29.4	35
09/05/2024 16:40	4.8	15	9	7.0	0.0	28.9	39
09/05/2024 16:50	4.4	15	11	6.3	0.0	28.8	39
09/05/2024 17:00	4.4	19	7	5.5	0.0	28.7	39
09/05/2024 17:10	4.0	13	9	5.9	0.0	28.4	43
09/05/2024 17:20	4.6	16	7	5.7	0.0	28.0	42
09/05/2024 17:30	4.5	19	7	5.9	0.0	27.8	42
09/05/2024 17:40	3.8	15	10	5.0	0.0	27.6	44
09/05/2024 17:50	3.8	18	8	5.0	0.0	27.5	45
09/05/2024 18:00	4.1	25	8	5.8	0.0	27.3	45
09/05/2024 18:10	3.7	23	8	4.8	0.0	27.2	46
09/05/2024 18:20	3.2	27	9	4.6	0.0	27.0	47
09/05/2024 18:30	3.0	29	9	4.3	0.0	26.8	49
09/05/2024 18:40	3.0	25	9	4.2	0.0	26.7	51
09/05/2024 18:50	3.4	24	9	4.5	0.0	26.6	52
09/05/2024 19:00	2.9	24	9	4.0	0.0	26.4	55
09/05/2024 19:10	2.5	25	11	3.7	0.0	26.3	56
09/05/2024 19:20	2.6	29	9	3.6	0.0	26.2	57
09/05/2024 19:30	2.5	26	8	3.6	0.0	26.0	59
09/05/2024 19:40	3.0	22	8	4.1	0.0	26.0	60
09/05/2024 19:50	2.0	26	10	3.2	0.0	25.9	60
09/05/2024 20:00	0.9	39	17	2.4	0.0	25.7	61
09/05/2024 20:10	0.8	73	23	1.3	0.0	25.3	62
09/05/2024 20:20	1.2	83	11	1.7	0.0	25.3	62
09/05/2024 20:30	1.0	77	8	1.5	0.0	25.5	61
09/05/2024 20:40	0.7	72	5	0.9	0.0	25.1	62
09/05/2024 20:50	1.2	69	5	1.4	0.0	24.7	63
09/05/2024 21:00	1.2	77	7	1.6	0.0	24.3	64
09/05/2024 21:10	1.3	70	18	2.0	0.0	24.5	64
09/05/2024 21:20	1.2	44	12	1.4	0.0	24.1	65
09/05/2024 21:30	0.8	34	4	1.1	0.0	24.6	63
09/05/2024 21:40	0.3	231	38	0.7	0.0	24.5	63
09/05/2024 21:50	0.2	100	28	0.3	0.0	24.2	64
09/05/2024 22:00	0.4	6	12	0.6	0.0	24.1	65
09/05/2024 22:10	0.4	48	26	0.7	0.0	24.4	64
09/05/2024 22:20	0.5	58	20	1.0	0.0	24.2	65
09/05/2024 22:30	1.2	37	12	1.6	0.0	23.9	66
09/05/2024 22:40	1.7	46	4	2.1	0.0	23.3	70
09/05/2024 22:50	0.6	66	54	1.3	0.0	23.3	73
09/05/2024 23:00	0.9	24	13	1.2	0.0	23.5	75
09/05/2024 23:10	1.2	56	5	1.5	0.0	23.5	76
09/05/2024 23:20	1.1	90	23	1.7	0.0	23.3	77
09/05/2024 23:30	1.7	130	10	2.9	0.0	23.9	81
09/05/2024 23:40	2.1	127	8	3.1	0.0	24.1	82
09/05/2024 23:50	1.9	121	13	3.0	0.0	23.9	82
10/05/2024 00:00	1.2	108	27	2.3	0.0	23.6	83
10/05/2024 00:10	1.5	88	21	2.5	0.0	23.7	82



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/05/2024 00:20	1.6	48	9	2.2	0.0	23.0	84
10/05/2024 00:30	1.7	55	6	2.3	0.0	22.8	85
10/05/2024 00:40	1.3	66	12	2.1	0.0	22.6	85
10/05/2024 00:50	1.0	71	28	1.7	0.0	22.8	84
10/05/2024 01:00	1.1	82	35	2.1	0.0	22.7	85
10/05/2024 01:10	1.4	77	19	2.0	0.0	22.9	84
10/05/2024 01:20	1.6	103	20	2.5	0.0	23.1	83
10/05/2024 01:30	1.8	120	13	2.8	0.0	23.3	82
10/05/2024 01:40	1.8	122	15	2.8	0.0	23.6	79
10/05/2024 01:50	1.9	129	10	2.8	0.0	23.8	78
10/05/2024 02:00	1.9	119	11	2.5	0.0	23.8	77
10/05/2024 02:10	1.8	114	10	2.6	0.0	23.3	79
10/05/2024 02:20	1.8	129	11	2.5	0.0	23.2	78
10/05/2024 02:30	1.9	125	12	2.8	0.0	23.3	78
10/05/2024 02:40	1.5	114	15	2.2	0.0	22.8	79
10/05/2024 02:50	1.1	79	31	1.9	0.0	22.4	81
10/05/2024 03:00	1.1	56	22	1.8	0.0	22.3	82
10/05/2024 03:10	1.1	65	17	1.7	0.0	21.8	84
10/05/2024 03:20	1.2	38	23	1.8	0.0	21.8	83
10/05/2024 03:30	1.1	53	28	1.8	0.0	21.9	81
10/05/2024 03:40	1.1	56	28	1.7	0.0	21.8	81
10/05/2024 03:50	0.9	80	33	1.6	0.0	21.6	80
10/05/2024 04:00	1.8	123	13	2.5	0.0	21.9	77
10/05/2024 04:10	1.0	171	28	1.6	0.0	22.3	73
10/05/2024 04:20	0.6	178	74	1.8	0.0	21.7	74
10/05/2024 04:30	0.6	216	62	1.6	0.0	21.5	73
10/05/2024 04:40	0.6	66	43	1.2	0.0	21.5	71
10/05/2024 04:50	0.7	51	32	1.2	0.0	21.1	71
10/05/2024 05:00	1.4	101	26	2.5	0.0	21.1	69
10/05/2024 05:10	2.1	103	17	3.7	0.0	20.7	71
10/05/2024 05:20	2.2	104	17	3.4	0.0	20.5	72
10/05/2024 05:30	2.4	106	17	3.9	0.0	20.9	70
10/05/2024 05:40	3.3	114	12	4.3	0.0	21.5	65
10/05/2024 05:50	2.3	121	9	3.3	0.0	22.4	59
10/05/2024 06:00	1.3	99	23	2.2	0.0	21.6	63
10/05/2024 06:10	1.4	82	24	3.6	0.0	21.6	63
10/05/2024 06:20	1.7	100	25	3.6	0.0	22.0	57
10/05/2024 06:30	2.2	115	14	3.8	0.0	22.5	51
10/05/2024 06:40	2.3	105	14	3.5	0.0	22.7	49
10/05/2024 06:50	2.4	114	13	3.6	0.0	22.6	47
10/05/2024 07:00	2.8	113	9	4.1	0.0	23.0	44
10/05/2024 07:10	3.6	111	9	4.6	0.0	23.2	42
10/05/2024 07:20	3.3	108	10	4.4	0.0	23.1	42
10/05/2024 07:30	3.1	108	11	4.3	0.0	23.2	41
10/05/2024 07:40	3.0	105	12	4.1	0.0	23.5	41
10/05/2024 07:50	2.8	106	11	4.0	0.0	24.0	40
10/05/2024 08:00	2.9	105	12	4.2	0.0	24.5	39
10/05/2024 08:10	3.2	104	13	4.9	0.0	24.8	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/05/2024 08:20	3.3	103	12	5.0	0.0	25.1	36
10/05/2024 08:30	3.6	113	10	5.0	0.0	25.1	34
10/05/2024 08:40	3.5	113	10	5.2	0.0	25.1	34
10/05/2024 08:50	3.1	104	12	4.9	0.0	25.6	34
10/05/2024 09:00	3.0	113	12	4.2	0.0	25.6	34
10/05/2024 09:10	2.3	124	17	3.9	0.0	25.9	34
10/05/2024 09:20	2.4	126	12	3.9	0.0	26.1	34
10/05/2024 09:30	2.3	110	16	3.5	0.0	26.6	35
10/05/2024 09:40	2.3	109	16	3.5	0.0	27.3	34
10/05/2024 09:50	2.2	121	19	3.8	0.0	27.9	33
10/05/2024 10:00	3.4	113	15	6.1	0.0	28.6	32
10/05/2024 10:10	5.9	89	10	8.1	0.0	29.2	29
10/05/2024 10:20	6.5	88	9	9.0	0.0	29.0	29
10/05/2024 10:30	6.9	87	7	9.4	0.0	28.9	30
10/05/2024 10:40	6.3	88	8	8.7	0.0	29.0	30
10/05/2024 10:50	7.0	88	9	10.0	0.0	29.0	30
10/05/2024 11:00	6.6	83	8	9.1	0.0	29.1	31
10/05/2024 11:10	6.3	80	10	9.1	0.0	28.9	32
10/05/2024 11:20	6.3	84	11	9.1	0.0	28.9	34
10/05/2024 11:30	7.4	83	8	9.9	0.0	28.9	30
10/05/2024 11:40	6.4	85	10	9.4	0.0	29.1	32
10/05/2024 11:50	6.1	82	10	8.5	0.0	29.3	33
10/05/2024 12:00	6.3	83	10	9.2	0.0	29.1	34
10/05/2024 12:10	6.0	76	9	8.1	0.0	29.4	33
10/05/2024 12:20	6.5	74	8	9.1	0.0	29.1	34
10/05/2024 12:30	7.2	72	7	9.6	0.0	28.8	34
10/05/2024 12:40	7.3	80	7	9.2	0.0	28.6	35
10/05/2024 12:50	6.2	82	7	8.9	0.0	28.9	36
10/05/2024 13:00	6.2	79	9	8.1	0.0	29.0	37
10/05/2024 13:10	6.2	76	7	8.2	0.0	29.1	38
10/05/2024 13:20	5.4	75	9	8.1	0.0	29.4	37
10/05/2024 13:30	5.5	77	12	8.2	0.0	29.8	36
10/05/2024 13:40	6.6	81	9	9.0	0.0	29.4	35
10/05/2024 13:50	5.7	75	13	8.0	0.0	29.4	38
10/05/2024 14:00	5.6	64	9	8.0	0.0	29.3	40
10/05/2024 14:10	5.4	68	11	7.6	0.0	29.4	41
10/05/2024 14:20	6.1	86	8	8.7	0.0	29.1	43
10/05/2024 14:30	5.7	81	9	7.7	0.0	29.4	43
10/05/2024 14:40	5.1	75	10	6.8	0.0	29.3	45
10/05/2024 14:50	5.3	65	10	7.5	0.0	29.0	45
10/05/2024 15:00	5.9	60	8	7.8	0.0	28.9	45
10/05/2024 15:10	5.9	62	8	7.5	0.0	28.4	47
10/05/2024 15:20	6.3	63	7	8.3	0.0	28.5	46
10/05/2024 15:30	6.2	68	9	8.8	0.0	28.6	45
10/05/2024 15:40	6.4	62	8	8.4	0.0	28.5	45
10/05/2024 15:50	6.1	59	8	7.8	0.0	28.4	46
10/05/2024 16:00	6.2	63	8	7.9	0.0	28.3	49
10/05/2024 16:10	5.8	58	8	7.5	0.0	28.2	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/05/2024 16:20	5.8	60	6	7.4	0.0	28.0	51
10/05/2024 16:30	4.8	60	7	7.0	0.0	28.1	51
10/05/2024 16:40	5.4	61	8	7.1	0.0	28.1	49
10/05/2024 16:50	5.1	64	8	6.8	0.0	28.3	47
10/05/2024 17:00	4.9	62	8	7.0	0.0	28.1	47
10/05/2024 17:10	4.4	63	7	6.1	0.0	27.9	49
10/05/2024 17:20	4.4	62	7	5.9	0.0	27.6	51
10/05/2024 17:30	3.8	63	7	5.2	0.0	27.3	53
10/05/2024 17:40	3.6	64	7	4.5	0.0	26.9	56
10/05/2024 17:50	3.3	62	6	4.5	0.0	26.6	58
10/05/2024 18:00	3.3	56	5	4.4	0.0	26.3	59
10/05/2024 18:10	3.1	60	6	3.7	0.0	26.2	58
10/05/2024 18:20	2.9	60	5	3.3	0.0	25.9	58
10/05/2024 18:30	2.5	59	6	3.0	0.0	25.8	59
10/05/2024 18:40	2.7	55	7	4.0	0.0	25.9	57
10/05/2024 18:50	2.8	47	8	4.4	0.0	26.1	53
10/05/2024 19:00	2.5	50	8	3.5	0.0	26.4	50
10/05/2024 19:10	2.4	54	9	3.7	0.0	26.2	51
10/05/2024 19:20	2.8	49	6	3.7	0.0	26.3	50
10/05/2024 19:30	2.5	48	5	3.1	0.0	26.2	50
10/05/2024 19:40	2.1	48	5	2.8	0.0	26.0	51
10/05/2024 19:50	2.8	54	4	3.3	0.0	25.9	52
10/05/2024 20:00	2.1	50	3	2.5	0.0	25.4	54
10/05/2024 20:10	1.5	49	5	1.8	0.0	25.4	54
10/05/2024 20:20	1.1	70	7	1.4	0.0	25.4	54
10/05/2024 20:30	1.1	105	12	1.7	0.0	25.5	53
10/05/2024 20:40	0.9	122	14	1.6	0.0	25.9	59
10/05/2024 20:50	0.7	92	27	1.3	0.0	25.2	66
10/05/2024 21:00	0.3	60	61	0.8	0.0	24.6	73
10/05/2024 21:10	0.9	59	19	1.3	0.0	24.8	78
10/05/2024 21:20	1.6	74	6	1.9	0.0	24.4	82
10/05/2024 21:30	1.1	62	5	1.4	0.0	24.3	83
10/05/2024 21:40	1.1	58	6	1.4	0.0	24.4	80
10/05/2024 21:50	0.8	56	5	1.0	0.0	24.4	73
10/05/2024 22:00	0.8	74	6	1.0	0.0	24.1	72
10/05/2024 22:10	0.8	44	12	1.1	0.0	23.5	74
10/05/2024 22:20	0.8	53	21	1.4	0.0	23.8	82
10/05/2024 22:30	0.5	80	62	1.1	0.0	24.0	86
10/05/2024 22:40	0.5	76	38	1.2	0.0	23.8	86
10/05/2024 22:50	1.0	37	10	1.5	0.0	23.6	86
10/05/2024 23:00	1.0	39	11	1.3	0.0	23.6	85
10/05/2024 23:10	1.2	29	14	1.5	0.0	23.5	84
10/05/2024 23:20	0.6	199	40	0.9	0.0	23.4	83
10/05/2024 23:30	0.5	208	31	0.8	0.0	23.2	83
10/05/2024 23:40	0.7	169	15	1.0	0.0	23.1	83
10/05/2024 23:50	0.6	161	24	1.0	0.0	23.4	82
11/05/2024 00:00	0.5	193	16	0.9	0.0	23.3	82
11/05/2024 00:10	1.0	29	13	1.3	0.0	23.5	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/05/2024 00:20	1.0	44	4	1.3	0.0	23.3	81
11/05/2024 00:30	0.7	195	11	0.9	0.0	23.5	80
11/05/2024 00:40	0.6	164	30	0.9	0.0	23.4	79
11/05/2024 00:50	0.8	46	9	1.0	0.0	23.3	80
11/05/2024 01:00	1.1	56	8	1.3	0.0	23.0	80
11/05/2024 01:10	0.7	76	37	1.1	0.0	23.0	79
11/05/2024 01:20	0.9	66	34	1.4	0.0	23.4	77
11/05/2024 01:30	1.0	52	9	1.3	0.0	23.2	77
11/05/2024 01:40	1.0	39	4	1.3	0.0	23.4	76
11/05/2024 01:50	1.3	44	7	1.5	0.0	23.8	74
11/05/2024 02:00	1.5	48	4	1.9	0.0	23.7	73
11/05/2024 02:10	0.8	98	34	1.3	0.0	23.0	75
11/05/2024 02:20	1.0	197	41	1.6	0.0	23.1	75
11/05/2024 02:30	1.4	38	30	2.1	0.0	22.9	74
11/05/2024 02:40	0.5	173	75	1.1	0.0	22.4	74
11/05/2024 02:50	1.0	83	25	2.1	0.0	22.3	71
11/05/2024 03:00	1.2	108	29	2.0	0.0	23.4	63
11/05/2024 03:10	1.1	220	32	2.1	0.0	23.3	62
11/05/2024 03:20	1.5	119	51	2.3	0.0	23.4	61
11/05/2024 03:30	3.5	183	10	5.2	0.0	23.8	51
11/05/2024 03:40	2.1	158	17	4.2	0.0	24.0	48
11/05/2024 03:50	2.7	114	11	3.9	0.0	24.2	48
11/05/2024 04:00	2.1	104	27	4.0	0.0	23.3	52
11/05/2024 04:10	1.8	96	33	3.5	0.0	22.7	53
11/05/2024 04:20	2.5	105	25	3.9	0.0	23.2	50
11/05/2024 04:30	2.0	105	21	3.1	0.0	22.8	52
11/05/2024 04:40	1.5	87	27	2.8	0.0	22.4	55
11/05/2024 04:50	1.7	95	22	2.8	0.0	22.6	53
11/05/2024 05:00	1.5	72	12	2.3	0.0	22.2	54
11/05/2024 05:10	1.4	81	25	2.4	0.0	22.5	50
11/05/2024 05:20	1.6	99	17	2.4	0.0	22.9	48
11/05/2024 05:30	1.3	85	25	2.4	0.0	22.8	48
11/05/2024 05:40	2.1	89	20	3.6	0.0	22.1	50
11/05/2024 05:50	2.3	101	21	3.6	0.0	21.9	49
11/05/2024 06:00	2.6	110	13	3.8	0.0	22.6	46
11/05/2024 06:10	2.4	108	16	3.6	0.0	22.4	47
11/05/2024 06:20	2.5	112	13	3.7	0.0	22.4	47
11/05/2024 06:30	2.8	109	15	4.0	0.0	22.7	46
11/05/2024 06:40	2.9	116	11	4.4	0.0	22.7	46
11/05/2024 06:50	2.8	118	12	5.1	0.0	23.3	44
11/05/2024 07:00	3.2	113	13	5.0	0.0	23.7	45
11/05/2024 07:10	3.6	112	11	5.6	0.0	24.1	43
11/05/2024 07:20	3.1	115	12	5.1	0.0	24.5	42
11/05/2024 07:30	3.0	107	11	4.6	0.0	24.6	43
11/05/2024 07:40	2.7	105	15	4.3	0.0	24.5	43
11/05/2024 07:50	2.2	106	16	3.3	0.0	24.7	42
11/05/2024 08:00	2.2	101	15	3.5	0.0	24.8	43
11/05/2024 08:10	2.4	109	15	3.8	0.0	25.1	41



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/05/2024 08:20	3.1	113	10	4.2	0.0	25.0	40
11/05/2024 08:30	2.6	110	12	3.8	0.0	25.1	40
11/05/2024 08:40	2.7	110	11	4.2	0.0	25.1	40
11/05/2024 08:50	2.7	113	12	4.1	0.0	25.7	37
11/05/2024 09:00	2.3	105	17	4.0	0.0	25.6	37
11/05/2024 09:10	2.3	114	15	3.8	0.0	26.0	36
11/05/2024 09:20	2.5	119	11	4.0	0.0	26.3	36
11/05/2024 09:30	2.2	109	17	3.5	0.0	26.5	37
11/05/2024 09:40	2.1	110	14	3.4	0.0	27.3	35
11/05/2024 09:50	2.4	97	17	4.2	0.0	27.6	34
11/05/2024 10:00	2.8	83	11	4.2	0.0	27.6	34
11/05/2024 10:10	4.0	83	7	5.3	0.0	28.1	33
11/05/2024 10:20	5.1	86	9	6.7	0.0	28.8	29
11/05/2024 10:30	5.2	85	8	7.5	0.0	28.6	28
11/05/2024 10:40	4.9	80	9	6.8	0.0	28.5	28
11/05/2024 10:50	5.0	83	9	7.3	0.0	28.8	29
11/05/2024 11:00	5.1	74	9	7.2	0.0	28.5	30
11/05/2024 11:10	5.6	72	11	7.4	0.0	28.6	30
11/05/2024 11:20	5.5	72	9	7.8	0.0	29.0	30
11/05/2024 11:30	5.8	81	9	8.0	0.0	28.6	28
11/05/2024 11:40	5.6	63	10	7.6	0.0	28.9	30
11/05/2024 11:50	5.4	63	10	7.7	0.0	28.6	32
11/05/2024 12:00	5.9	59	9	7.9	0.0	28.5	33
11/05/2024 12:10	5.9	62	10	8.3	0.0	28.5	32
11/05/2024 12:20	5.8	61	9	8.0	0.0	29.0	30
11/05/2024 12:30	5.9	62	10	7.7	0.0	28.9	30
11/05/2024 12:40	5.9	56	8	8.0	0.0	28.9	30
11/05/2024 12:50	5.4	76	11	7.1	0.0	29.8	26
11/05/2024 13:00	6.0	85	7	8.0	0.0	30.0	24
11/05/2024 13:10	5.1	79	11	7.4	0.0	29.8	28
11/05/2024 13:20	4.8	60	9	6.7	0.0	29.6	29
11/05/2024 13:30	5.0	69	9	7.0	0.0	30.0	27
11/05/2024 13:40	5.9	77	7	8.0	0.0	30.0	25
11/05/2024 13:50	5.0	61	11	7.0	0.0	30.1	27
11/05/2024 14:00	4.8	73	11	6.8	0.0	30.2	25
11/05/2024 14:10	5.7	69	11	7.7	0.0	30.7	22
11/05/2024 14:20	5.3	60	9	7.3	0.0	30.3	22
11/05/2024 14:30	5.7	52	8	7.3	0.0	30.1	25
11/05/2024 14:40	5.9	55	6	8.4	0.0	30.1	25
11/05/2024 14:50	5.9	55	7	8.1	0.0	29.7	26
11/05/2024 15:00	6.0	54	6	8.2	0.0	29.7	26
11/05/2024 15:10	6.0	55	7	8.5	0.0	30.1	27
11/05/2024 15:20	5.9	56	8	7.9	0.0	30.1	28
11/05/2024 15:30	5.5	59	7	7.5	0.0	30.1	27
11/05/2024 15:40	5.4	60	7	7.3	0.0	29.8	29
11/05/2024 15:50	5.2	58	6	6.8	0.0	29.9	29
11/05/2024 16:00	4.7	63	8	6.5	0.0	30.2	29
11/05/2024 16:10	4.0	59	6	5.4	0.0	30.1	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/05/2024 16:20	3.5	57	16	4.8	0.0	30.2	32
11/05/2024 16:30	3.3	62	7	4.7	0.0	30.1	32
11/05/2024 16:40	3.0	41	12	4.2	0.0	30.2	32
11/05/2024 16:50	3.7	20	9	4.9	0.0	29.8	33
11/05/2024 17:00	4.0	17	8	5.1	0.0	29.7	33
11/05/2024 17:10	4.0	21	7	5.2	0.0	29.5	34
11/05/2024 17:20	4.1	22	6	5.4	0.0	29.2	35
11/05/2024 17:30	3.2	20	8	4.8	0.0	28.7	42
11/05/2024 17:40	3.9	16	7	5.0	0.0	28.1	47
11/05/2024 17:50	3.8	15	9	5.3	0.0	27.8	49
11/05/2024 18:00	4.1	15	8	5.4	0.0	27.7	48
11/05/2024 18:10	4.2	12	7	5.7	0.0	27.6	48
11/05/2024 18:20	3.8	11	7	5.3	0.0	27.5	49
11/05/2024 18:30	2.7	8	11	4.2	0.0	27.2	51
11/05/2024 18:40	1.2	47	38	2.4	0.0	27.0	51
11/05/2024 18:50	1.5	33	36	3.2	0.0	26.7	52
11/05/2024 19:00	1.8	11	23	3.0	0.0	26.9	52
11/05/2024 19:10	0.8	174	39	1.7	0.0	26.7	53
11/05/2024 19:20	0.7	301	43	1.2	0.0	26.7	55
11/05/2024 19:30	0.5	233	31	0.9	0.0	26.5	57
11/05/2024 19:40	0.6	279	38	1.1	0.0	26.5	55
11/05/2024 19:50	0.4	173	27	0.7	0.0	26.4	56
11/05/2024 20:00	0.8	46	11	1.2	0.0	26.4	57
11/05/2024 20:10	1.4	44	5	2.0	0.0	25.9	58
11/05/2024 20:20	1.1	42	8	1.5	0.0	25.7	59
11/05/2024 20:30	1.8	49	4	2.3	0.0	25.6	61
11/05/2024 20:40	1.8	41	4	2.0	0.0	25.8	61
11/05/2024 20:50	1.3	31	13	1.5	0.0	25.4	62
11/05/2024 21:00	1.2	65	23	1.6	0.0	24.7	62
11/05/2024 21:10	1.2	59	11	1.5	0.0	24.0	62
11/05/2024 21:20	1.9	68	5	2.2	0.0	24.2	61
11/05/2024 21:30	1.1	57	9	1.5	0.0	24.4	60
11/05/2024 21:40	0.8	50	16	1.0	0.0	24.7	58
11/05/2024 21:50	0.3	148	46	0.4	0.0	24.5	60
11/05/2024 22:00	0.4	251	30	0.7	0.0	23.9	63
11/05/2024 22:10	0.2	299	31	0.3	0.0	24.7	59
11/05/2024 22:20	0.4	152	49	0.6	0.0	24.7	57
11/05/2024 22:30	0.3	46	30	0.5	0.0	24.2	60
11/05/2024 22:40	0.6	69	23	0.9	0.0	24.3	67
11/05/2024 22:50	1.1	54	63	2.0	0.0	23.9	70
11/05/2024 23:00	0.9	57	55	1.8	0.0	23.4	74
11/05/2024 23:10	0.6	22	13	1.1	0.0	23.7	78
11/05/2024 23:20	0.9	41	11	1.2	0.0	23.7	82
11/05/2024 23:30	0.9	179	16	1.2	0.0	23.5	85
11/05/2024 23:40	0.4	196	47	0.9	0.0	23.4	85
11/05/2024 23:50	0.7	200	38	1.0	0.0	22.8	84
12/05/2024 00:00	1.4	45	6	1.7	0.0	22.7	86
12/05/2024 00:10	0.7	175	39	1.3	0.0	22.5	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/05/2024 00:20	0.7	269	37	1.2	0.0	22.7	87
12/05/2024 00:30	0.6	187	28	1.0	0.0	23.2	86
12/05/2024 00:40	1.1	41	17	1.5	0.0	23.3	86
12/05/2024 00:50	1.2	37	14	1.6	0.0	23.1	86
12/05/2024 01:00	1.0	43	11	1.3	0.0	23.2	86
12/05/2024 01:10	0.6	177	47	0.9	0.0	22.9	85
12/05/2024 01:20	0.5	349	27	0.8	0.0	22.8	86
12/05/2024 01:30	1.1	44	8	1.5	0.0	22.8	85
12/05/2024 01:40	0.8	66	34	1.3	0.0	22.5	85
12/05/2024 01:50	0.5	204	65	1.1	0.0	22.6	82
12/05/2024 02:00	0.8	257	27	1.3	0.0	22.9	78
12/05/2024 02:10	0.6	161	41	1.2	0.0	23.0	77
12/05/2024 02:20	1.2	142	53	2.8	0.0	23.1	74
12/05/2024 02:30	2.1	157	28	3.8	0.0	23.9	67
12/05/2024 02:40	2.1	165	38	3.9	0.0	23.9	66
12/05/2024 02:50	2.1	162	24	4.2	0.0	24.2	65
12/05/2024 03:00	1.3	148	30	2.4	0.0	24.1	65
12/05/2024 03:10	0.7	109	52	1.2	0.0	23.4	67
12/05/2024 03:20	0.5	196	92	1.2	0.0	23.2	67
12/05/2024 03:30	0.7	184	71	1.5	0.0	23.3	66
12/05/2024 03:40	0.6	131	50	1.4	0.0	23.2	66
12/05/2024 03:50	0.4	168	57	1.3	0.0	23.2	64
12/05/2024 04:00	2.0	117	22	3.4	0.0	24.0	50
12/05/2024 04:10	2.1	122	14	3.3	0.0	25.1	39
12/05/2024 04:20	2.5	120	10	3.5	0.0	24.9	41
12/05/2024 04:30	2.2	118	12	3.2	0.0	24.5	45
12/05/2024 04:40	3.1	118	11	4.8	0.0	24.3	46
12/05/2024 04:50	2.8	118	10	3.7	0.0	24.5	44
12/05/2024 05:00	2.5	111	13	3.7	0.0	24.2	46
12/05/2024 05:10	1.6	92	32	2.9	0.0	23.1	52
12/05/2024 05:20	3.0	117	8	4.1	0.0	24.3	44
12/05/2024 05:30	2.8	117	10	3.8	0.0	24.1	44
12/05/2024 05:40	2.7	111	9	3.8	0.0	23.4	47
12/05/2024 05:50	3.0	118	9	4.3	0.0	24.2	40
12/05/2024 06:00	2.4	114	13	3.9	0.0	23.1	45
12/05/2024 06:10	2.3	116	12	3.6	0.0	23.0	45
12/05/2024 06:20	3.0	114	9	4.0	0.0	23.7	38
12/05/2024 06:30	3.2	109	9	5.1	0.0	24.3	34
12/05/2024 06:40	2.6	113	14	4.0	0.0	24.7	31
12/05/2024 06:50	2.3	112	13	3.7	0.0	24.8	31
12/05/2024 07:00	2.8	106	16	4.2	0.0	24.1	34
12/05/2024 07:10	3.3	107	11	4.4	0.0	24.2	35
12/05/2024 07:20	2.8	109	11	3.9	0.0	24.1	37
12/05/2024 07:30	2.3	103	14	3.5	0.0	24.1	38
12/05/2024 07:40	1.8	98	12	2.8	0.0	24.4	39
12/05/2024 07:50	2.1	108	13	3.5	0.0	24.9	37
12/05/2024 08:00	2.3	109	14	3.7	0.0	25.2	38
12/05/2024 08:10	2.5	111	12	3.7	0.0	25.5	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/05/2024 08:20	2.8	110	11	4.2	0.0	25.8	36
12/05/2024 08:30	2.5	115	14	3.7	0.0	25.9	36
12/05/2024 08:40	2.5	113	13	3.7	0.0	26.1	35
12/05/2024 08:50	2.5	117	13	4.1	0.0	26.2	33
12/05/2024 09:00	2.8	116	14	4.3	0.0	26.4	32
12/05/2024 09:10	3.1	119	11	4.5	0.0	26.5	30
12/05/2024 09:20	3.4	118	11	5.0	0.0	26.6	31
12/05/2024 09:30	3.1	116	12	4.4	0.0	26.7	31
12/05/2024 09:40	3.2	119	9	4.7	0.0	26.9	32
12/05/2024 09:50	3.4	108	13	4.9	0.0	27.3	34
12/05/2024 10:00	3.6	107	15	5.5	0.0	28.1	36
12/05/2024 10:10	6.1	95	11	8.8	0.0	29.1	34
12/05/2024 10:20	6.8	91	8	9.8	0.0	29.4	32
12/05/2024 10:30	6.5	93	9	8.8	0.0	29.5	34
12/05/2024 10:40	7.1	91	8	9.8	0.0	29.4	34
12/05/2024 10:50	7.0	90	9	9.8	0.0	29.3	35
12/05/2024 11:00	7.0	90	9	10.4	0.0	29.4	34
12/05/2024 11:10	6.9	90	9	9.3	0.0	29.4	34
12/05/2024 11:20	6.5	89	8	9.4	0.0	29.1	36
12/05/2024 11:30	6.6	87	9	9.6	0.0	29.3	37
12/05/2024 11:40	6.3	84	8	8.8	0.0	29.4	36
12/05/2024 11:50	6.6	85	10	9.5	0.0	29.2	37
12/05/2024 12:00	7.1	88	9	10.0	0.0	29.1	37
12/05/2024 12:10	6.9	86	8	9.2	0.0	28.9	38
12/05/2024 12:20	5.9	86	10	8.5	0.0	29.1	38
12/05/2024 12:30	5.8	83	8	8.2	0.0	29.0	39
12/05/2024 12:40	6.0	83	11	8.4	0.0	29.1	38
12/05/2024 12:50	5.7	77	10	7.8	0.0	29.3	38
12/05/2024 13:00	6.1	71	9	8.1	0.0	28.9	40
12/05/2024 13:10	6.0	72	9	8.0	0.0	28.8	41
12/05/2024 13:20	6.1	73	7	8.9	0.0	28.4	44
12/05/2024 13:30	6.0	75	7	8.3	0.0	28.3	46
12/05/2024 13:40	6.4	79	7	8.4	0.0	28.2	47
12/05/2024 13:50	6.2	84	7	8.0	0.0	28.4	50
12/05/2024 14:00	6.2	86	5	8.4	0.0	28.6	48
12/05/2024 14:10	5.9	82	10	8.3	0.0	28.5	50
12/05/2024 14:20	5.5	84	9	7.5	0.0	28.8	51
12/05/2024 14:30	5.9	79	10	7.5	0.0	29.1	49
12/05/2024 14:40	6.2	86	7	8.6	0.0	28.6	52
12/05/2024 14:50	5.7	78	11	7.5	0.0	28.7	52
12/05/2024 15:00	5.5	63	9	7.4	0.0	28.4	53
12/05/2024 15:10	5.4	63	10	7.5	0.0	28.3	54
12/05/2024 15:20	5.5	71	10	7.4	0.0	28.5	53
12/05/2024 15:30	5.5	62	9	8.1	0.0	28.4	52
12/05/2024 15:40	6.0	60	7	8.0	0.0	28.4	52
12/05/2024 15:50	5.3	66	10	7.0	0.0	28.3	53
12/05/2024 16:00	5.2	60	9	7.2	0.0	28.3	53
12/05/2024 16:10	5.8	62	7	7.5	0.0	27.8	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/05/2024 16:20	5.0	64	9	6.9	0.0	27.8	57
12/05/2024 16:30	5.4	55	8	7.6	0.0	27.7	57
12/05/2024 16:40	5.1	64	8	6.6	0.0	27.7	58
12/05/2024 16:50	4.5	61	10	6.7	0.0	27.6	59
12/05/2024 17:00	5.0	62	8	6.8	0.0	27.4	60
12/05/2024 17:10	5.1	64	6	6.8	0.0	27.2	62
12/05/2024 17:20	4.6	66	8	6.3	0.0	27.1	62
12/05/2024 17:30	3.8	60	7	5.3	0.0	26.9	62
12/05/2024 17:40	3.5	60	7	5.0	0.0	26.6	64
12/05/2024 17:50	3.2	62	9	4.4	0.0	26.6	64
12/05/2024 18:00	2.2	49	9	3.2	0.0	26.6	63
12/05/2024 18:10	3.0	33	10	4.5	0.0	26.6	64
12/05/2024 18:20	3.5	24	9	5.0	0.0	26.6	66
12/05/2024 18:30	4.3	23	7	5.5	0.0	26.5	67
12/05/2024 18:40	3.6	22	10	5.2	0.0	26.5	68
12/05/2024 18:50	3.7	21	9	5.2	0.0	26.4	69
12/05/2024 19:00	3.2	27	11	4.8	0.0	26.3	70
12/05/2024 19:10	3.0	28	12	4.4	0.0	26.2	71
12/05/2024 19:20	2.7	27	12	4.6	0.0	26.1	72
12/05/2024 19:30	3.0	28	10	4.4	0.0	26.1	72
12/05/2024 19:40	3.0	31	10	4.4	0.0	26.1	71
12/05/2024 19:50	2.6	23	10	3.4	0.0	26.0	72
12/05/2024 20:00	3.0	21	9	4.1	0.0	25.9	72
12/05/2024 20:10	3.4	22	8	4.6	0.0	26.0	72
12/05/2024 20:20	3.0	25	10	4.3	0.0	25.9	73
12/05/2024 20:30	3.1	27	11	4.7	0.0	25.8	73
12/05/2024 20:40	2.5	37	11	3.7	0.0	25.8	73
12/05/2024 20:50	2.8	33	8	3.9	0.0	25.7	74
12/05/2024 21:00	2.8	32	8	4.1	0.0	25.6	75
12/05/2024 21:10	2.5	30	8	3.3	0.0	25.5	75
12/05/2024 21:20	2.5	30	10	3.3	0.0	25.5	76
12/05/2024 21:30	2.2	30	7	3.0	0.0	25.3	76
12/05/2024 21:40	2.2	32	7	3.1	0.0	25.3	77
12/05/2024 21:50	2.3	35	8	3.6	0.0	25.2	77
12/05/2024 22:00	1.9	41	9	3.0	0.0	25.2	77
12/05/2024 22:10	1.2	42	11	2.1	0.0	24.9	78
12/05/2024 22:20	0.8	345	31	1.5	0.0	24.7	79
12/05/2024 22:30	1.0	332	13	1.5	0.0	25.0	78
12/05/2024 22:40	1.2	339	10	1.9	0.0	25.3	78
12/05/2024 22:50	1.1	345	12	1.6	0.0	25.3	78
12/05/2024 23:00	0.9	17	12	1.4	0.0	25.1	78
12/05/2024 23:10	1.3	354	7	1.8	0.0	24.9	79
12/05/2024 23:20	1.7	181	7	2.3	0.0	24.9	79
12/05/2024 23:30	1.8	355	8	2.6	0.0	25.2	78
12/05/2024 23:40	2.4	175	8	3.4	0.0	25.3	78
12/05/2024 23:50	2.1	177	10	3.2	0.0	25.2	79
13/05/2024 00:00	1.6	332	16	2.7	0.0	25.2	79
13/05/2024 00:10	1.6	343	8	2.5	0.0	25.1	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/05/2024 00:20	0.7	174	23	1.5	0.0	25.1	80
13/05/2024 00:30	0.5	126	36	0.9	0.0	24.8	81
13/05/2024 00:40	0.4	111	51	0.6	0.0	24.7	81
13/05/2024 00:50	0.3	296	19	0.5	0.0	24.7	82
13/05/2024 01:00	0.5	196	24	0.9	0.0	24.4	82
13/05/2024 01:10	0.9	70	6	1.0	0.0	23.9	85
13/05/2024 01:20	1.0	80	6	1.1	0.0	23.6	85
13/05/2024 01:30	0.6	83	16	1.0	0.0	23.7	86
13/05/2024 01:40	0.7	32	22	1.0	0.0	23.8	85
13/05/2024 01:50	0.9	81	11	1.3	0.0	23.8	85
13/05/2024 02:00	0.8	83	16	1.2	0.0	23.8	88
13/05/2024 02:10	0.5	27	38	1.0	0.0	23.6	89
13/05/2024 02:20	0.3	249	71	0.8	0.0	23.6	89
13/05/2024 02:30	1.2	210	19	1.9	0.0	23.4	88
13/05/2024 02:40	1.5	218	18	2.5	0.0	23.2	86
13/05/2024 02:50	1.7	200	15	2.7	0.0	23.1	85
13/05/2024 03:00	1.6	188	23	3.1	0.0	23.1	85
13/05/2024 03:10	1.9	194	14	3.0	0.0	23.2	84
13/05/2024 03:20	1.4	164	40	2.3	0.0	23.1	84
13/05/2024 03:30	1.8	170	49	3.3	0.0	23.2	83
13/05/2024 03:40	1.2	105	54	2.8	0.0	23.2	83
13/05/2024 03:50	2.0	168	20	3.2	0.0	23.3	83
13/05/2024 04:00	1.9	159	21	3.3	0.0	23.4	82
13/05/2024 04:10	1.6	157	33	3.4	0.0	23.4	82
13/05/2024 04:20	1.0	88	30	1.9	0.0	23.3	83
13/05/2024 04:30	0.9	131	34	1.9	0.0	23.1	84
13/05/2024 04:40	1.2	195	35	1.9	0.0	23.2	84
13/05/2024 04:50	2.1	42	7	2.6	0.0	22.8	85
13/05/2024 05:00	1.1	73	21	2.0	0.0	22.7	86
13/05/2024 05:10	1.2	77	28	1.9	0.0	22.6	86
13/05/2024 05:20	0.9	55	36	1.9	0.0	22.6	87
13/05/2024 05:30	1.3	92	19	2.1	0.0	22.7	87
13/05/2024 05:40	1.7	109	15	2.5	0.0	22.8	86
13/05/2024 05:50	1.5	94	23	2.4	0.0	22.9	85
13/05/2024 06:00	1.6	103	20	2.4	0.0	22.9	85
13/05/2024 06:10	1.1	80	23	1.9	0.0	22.8	84
13/05/2024 06:20	1.1	53	19	1.7	0.0	22.6	85
13/05/2024 06:30	1.1	66	25	1.7	0.0	22.4	86
13/05/2024 06:40	1.5	101	31	2.5	0.0	22.5	85
13/05/2024 06:50	1.1	64	25	1.8	0.0	22.6	85
13/05/2024 07:00	1.3	24	17	2.1	0.0	22.7	84
13/05/2024 07:10	1.0	62	24	1.6	0.0	23.0	83
13/05/2024 07:20	1.9	43	7	2.3	0.0	23.3	82
13/05/2024 07:30	1.1	65	15	1.7	0.0	24.0	80
13/05/2024 07:40	1.0	66	18	1.5	0.0	24.5	78
13/05/2024 07:50	1.1	88	17	1.6	0.0	24.7	77
13/05/2024 08:00	1.4	110	19	2.2	0.0	24.9	77
13/05/2024 08:10	1.5	107	17	2.2	0.0	25.0	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/05/2024 08:20	3.0	114	9	4.3	0.0	25.0	76
13/05/2024 08:30	2.4	122	14	4.0	0.0	24.8	78
13/05/2024 08:40	2.3	129	15	4.2	0.0	25.2	76
13/05/2024 08:50	2.6	121	14	4.6	0.0	24.8	77
13/05/2024 09:00	2.6	127	13	4.3	0.0	24.5	78
13/05/2024 09:10	3.1	128	11	4.7	0.0	25.3	74
13/05/2024 09:20	3.7	119	10	5.6	0.0	25.4	73
13/05/2024 09:30	3.0	127	15	5.0	0.0	25.3	75
13/05/2024 09:40	3.1	122	13	4.9	0.0	25.5	75
13/05/2024 09:50	3.7	118	14	5.8	0.0	25.7	75
13/05/2024 10:00	4.4	117	10	5.9	0.0	25.8	70
13/05/2024 10:10	3.8	104	17	5.8	0.0	26.2	68
13/05/2024 10:20	4.1	107	13	6.0	0.0	26.3	64
13/05/2024 10:30	3.9	103	18	6.3	0.0	26.9	61
13/05/2024 10:40	4.5	93	16	6.6	0.0	26.7	65
13/05/2024 10:50	5.0	92	11	6.9	0.0	26.6	70
13/05/2024 11:00	5.4	86	11	7.3	0.0	27.0	68
13/05/2024 11:10	5.7	74	9	7.3	0.0	27.0	68
13/05/2024 11:20	6.2	69	8	8.1	0.0	26.7	67
13/05/2024 11:30	6.2	74	8	8.2	0.0	26.7	66
13/05/2024 11:40	5.8	75	7	7.7	0.0	26.9	65
13/05/2024 11:50	5.4	72	10	7.3	0.0	27.5	63
13/05/2024 12:00	5.3	71	7	7.2	0.0	27.2	63
13/05/2024 12:10	5.6	71	10	7.4	0.0	27.3	62
13/05/2024 12:20	5.2	69	9	7.2	0.0	27.4	60
13/05/2024 12:30	5.0	75	11	6.5	0.0	27.9	58
13/05/2024 12:40	5.8	70	7	7.3	0.0	27.4	59
13/05/2024 12:50	5.6	80	6	7.0	0.0	27.5	58
13/05/2024 13:00	5.3	84	7	7.1	0.0	27.8	57
13/05/2024 13:10	5.3	74	10	6.8	0.0	28.0	56
13/05/2024 13:20	4.9	53	12	6.3	0.0	28.2	55
13/05/2024 13:30	4.9	65	10	6.8	0.0	28.2	58
13/05/2024 13:40	5.1	69	10	6.4	0.0	28.3	59
13/05/2024 13:50	5.8	70	8	7.9	0.0	27.4	63
13/05/2024 14:00	5.5	68	10	7.3	0.0	27.2	65
13/05/2024 14:10	5.1	69	9	7.2	0.0	27.3	63
13/05/2024 14:20	5.5	71	7	7.1	0.0	27.9	60
13/05/2024 14:30	5.2	70	10	6.8	0.0	27.7	60
13/05/2024 14:40	4.7	62	10	6.4	0.0	27.6	60
13/05/2024 14:50	4.7	67	9	6.4	0.0	27.4	60
13/05/2024 15:00	5.0	65	8	7.1	0.0	27.2	61
13/05/2024 15:10	4.8	66	9	6.6	0.0	27.2	61
13/05/2024 15:20	5.2	74	10	6.5	0.0	27.6	59
13/05/2024 15:30	5.1	72	9	6.6	0.0	27.9	59
13/05/2024 15:40	5.0	79	10	6.5	0.0	28.0	59
13/05/2024 15:50	5.0	73	8	6.7	0.0	28.1	57
13/05/2024 16:00	5.3	64	9	6.8	0.0	27.8	57
13/05/2024 16:10	5.1	67	8	7.1	0.0	27.8	57



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/05/2024 16:20	5.3	65	7	7.0	0.0	27.9	57
13/05/2024 16:30	5.3	63	7	6.8	0.0	27.9	56
13/05/2024 16:40	4.7	65	9	6.9	0.0	27.8	58
13/05/2024 16:50	4.5	63	8	6.2	0.0	27.6	58
13/05/2024 17:00	4.8	62	7	6.3	0.0	27.6	58
13/05/2024 17:10	4.3	61	7	5.9	0.0	27.4	60
13/05/2024 17:20	4.5	59	6	6.1	0.0	27.2	61
13/05/2024 17:30	3.9	61	7	5.5	0.0	26.9	62
13/05/2024 17:40	3.6	61	8	4.7	0.0	26.4	65
13/05/2024 17:50	3.5	62	8	4.8	0.0	26.2	66
13/05/2024 18:00	3.2	65	8	4.5	0.0	26.1	67
13/05/2024 18:10	3.5	57	8	4.7	0.0	25.8	68
13/05/2024 18:20	2.8	53	8	3.9	0.0	25.8	68
13/05/2024 18:30	2.8	61	9	4.2	0.0	25.7	69
13/05/2024 18:40	2.7	56	6	3.5	0.0	25.7	68
13/05/2024 18:50	2.2	45	9	3.5	0.0	25.6	67
13/05/2024 19:00	2.8	26	9	3.8	0.0	25.9	64
13/05/2024 19:10	3.3	15	8	4.1	0.0	26.2	64
13/05/2024 19:20	3.8	8	5	4.7	0.0	26.2	66
13/05/2024 19:30	3.7	9	7	5.1	0.0	26.0	68
13/05/2024 19:40	4.2	13	7	5.7	0.0	26.0	67
13/05/2024 19:50	3.5	16	8	4.5	0.0	25.9	69
13/05/2024 20:00	3.9	14	7	5.0	0.0	25.7	71
13/05/2024 20:10	3.5	13	7	4.6	0.0	25.7	72
13/05/2024 20:20	3.6	15	7	4.7	0.0	25.7	72
13/05/2024 20:30	3.8	21	7	4.8	0.0	25.6	72
13/05/2024 20:40	2.9	30	8	4.0	0.0	25.5	73
13/05/2024 20:50	3.2	29	8	4.3	0.0	25.4	74
13/05/2024 21:00	3.1	23	8	4.0	0.0	25.3	75
13/05/2024 21:10	3.4	19	8	4.4	0.0	25.4	75
13/05/2024 21:20	3.6	9	7	4.9	0.0	25.4	75
13/05/2024 21:30	3.4	4	7	4.7	0.0	25.4	75
13/05/2024 21:40	3.1	5	8	4.4	0.0	25.4	75
13/05/2024 21:50	3.1	7	7	4.6	0.0	25.3	76
13/05/2024 22:00	2.8	4	9	3.8	0.0	25.2	76
13/05/2024 22:10	2.7	10	8	4.4	0.0	25.2	75
13/05/2024 22:20	3.0	11	8	4.5	0.0	25.3	75
13/05/2024 22:30	3.0	14	8	3.8	0.0	25.2	75
13/05/2024 22:40	2.9	16	7	4.0	0.0	25.2	76
13/05/2024 22:50	2.7	10	7	3.9	0.0	25.1	76
13/05/2024 23:00	2.8	19	8	4.5	0.0	25.1	76
13/05/2024 23:10	2.7	30	7	3.5	0.0	25.0	77
13/05/2024 23:20	2.9	28	6	3.7	0.0	24.8	78
13/05/2024 23:30	3.1	26	6	3.8	0.0	24.8	78
13/05/2024 23:40	2.5	27	8	3.3	0.0	24.8	78
13/05/2024 23:50	2.7	20	6	3.5	0.0	24.7	79
14/05/2024 00:00	3.0	10	5	3.5	0.0	24.8	78
14/05/2024 00:10	2.5	181	4	3.0	0.0	24.6	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/05/2024 00:20	1.7	5	7	2.2	0.0	24.6	79
14/05/2024 00:30	1.8	180	7	2.3	0.0	24.5	79
14/05/2024 00:40	2.2	346	6	2.7	0.0	24.8	79
14/05/2024 00:50	2.3	180	7	3.1	0.0	24.9	79
14/05/2024 01:00	2.6	356	7	3.4	0.0	24.8	79
14/05/2024 01:10	2.1	15	15	3.3	0.0	24.6	79
14/05/2024 01:20	1.2	31	18	2.0	0.0	23.9	82
14/05/2024 01:30	1.6	27	13	2.7	0.0	24.1	82
14/05/2024 01:40	2.3	10	11	3.2	0.0	24.6	82
14/05/2024 01:50	2.4	7	13	3.4	0.0	24.9	80
14/05/2024 02:00	2.5	8	7	3.7	0.0	25.0	80
14/05/2024 02:10	2.1	23	11	3.1	0.0	24.5	81
14/05/2024 02:20	1.9	181	12	2.9	0.0	24.8	81
14/05/2024 02:30	2.2	12	16	3.3	0.0	25.2	79
14/05/2024 02:40	1.9	29	10	2.7	0.0	24.9	80
14/05/2024 02:50	2.0	23	16	3.5	0.0	24.7	82
14/05/2024 03:00	1.8	13	12	2.8	0.0	24.9	81
14/05/2024 03:10	2.2	24	12	3.5	0.0	25.0	80
14/05/2024 03:20	1.0	13	13	1.8	0.0	24.9	81
14/05/2024 03:30	0.9	43	14	1.4	0.0	24.8	81
14/05/2024 03:40	1.2	46	11	1.7	0.0	24.5	82
14/05/2024 03:50	1.1	39	14	1.8	0.0	24.5	82
14/05/2024 04:00	0.9	25	11	1.3	0.0	24.7	80
14/05/2024 04:10	0.9	13	13	1.5	0.0	24.8	79
14/05/2024 04:20	1.3	22	10	1.7	0.0	24.9	78
14/05/2024 04:30	1.0	10	13	1.6	0.0	24.8	79
14/05/2024 04:40	0.7	11	25	1.2	0.0	24.8	79
14/05/2024 04:50	0.7	43	16	1.1	0.0	24.6	79
14/05/2024 05:00	0.9	40	7	1.2	0.0	24.4	80
14/05/2024 05:10	1.0	41	11	1.6	0.0	24.6	79
14/05/2024 05:20	0.6	49	18	0.8	0.0	24.8	79
14/05/2024 05:30	0.6	33	12	1.2	0.0	24.6	79
14/05/2024 05:40	0.6	34	14	1.1	0.0	24.7	79
14/05/2024 05:50	0.9	32	12	1.4	0.0	24.9	78
14/05/2024 06:00	0.6	38	24	1.0	0.0	24.7	79
14/05/2024 06:10	0.8	49	13	1.0	0.0	24.6	79
14/05/2024 06:20	0.7	69	11	1.3	0.0	24.4	80
14/05/2024 06:30	0.9	26	33	1.6	0.0	24.3	81
14/05/2024 06:40	1.1	23	16	1.6	0.0	24.3	81
14/05/2024 06:50	1.5	22	8	1.9	0.0	24.3	81
14/05/2024 07:00	1.4	24	8	2.2	0.0	24.4	81
14/05/2024 07:10	0.7	195	22	1.2	0.0	24.7	80
14/05/2024 07:20	0.5	193	23	0.9	0.0	25.3	78
14/05/2024 07:30	1.0	306	24	2.4	0.0	25.5	78
14/05/2024 07:40	2.5	307	11	3.6	0.0	25.8	76
14/05/2024 07:50	2.4	302	12	3.5	0.0	26.1	75
14/05/2024 08:00	2.3	311	11	3.4	0.0	26.4	73
14/05/2024 08:10	2.7	303	13	3.9	0.0	26.5	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/05/2024 08:20	2.5	301	13	3.5	0.0	26.3	74
14/05/2024 08:30	2.1	314	17	3.1	0.0	26.5	73
14/05/2024 08:40	2.6	323	16	3.7	0.0	26.7	72
14/05/2024 08:50	2.6	309	17	4.0	0.0	26.9	70
14/05/2024 09:00	2.8	309	13	3.7	0.0	26.7	71
14/05/2024 09:10	2.5	328	13	3.9	0.0	26.4	73
14/05/2024 09:20	2.4	307	15	3.3	0.0	26.5	72
14/05/2024 09:30	2.7	321	13	3.9	0.0	26.5	72
14/05/2024 09:40	3.1	320	11	4.3	0.0	26.6	71
14/05/2024 09:50	3.4	311	15	4.9	0.0	26.7	71
14/05/2024 10:00	3.2	325	11	4.8	0.0	26.8	70
14/05/2024 10:10	3.9	308	14	5.6	0.0	27.5	67
14/05/2024 10:20	3.9	304	16	5.5	0.0	27.4	68
14/05/2024 10:30	3.9	328	14	5.7	0.0	27.5	66
14/05/2024 10:40	3.7	314	15	5.6	0.0	27.7	65
14/05/2024 10:50	3.8	319	19	5.8	0.0	27.9	64
14/05/2024 11:00	3.6	319	20	5.3	0.0	28.1	63
14/05/2024 11:10	4.1	317	17	6.7	0.0	28.2	63
14/05/2024 11:20	4.3	304	16	6.3	0.0	28.2	62
14/05/2024 11:30	4.4	299	15	6.3	0.0	28.2	62
14/05/2024 11:40	4.5	302	12	7.4	0.0	28.0	63
14/05/2024 11:50	5.1	293	12	6.9	0.0	28.1	63
14/05/2024 12:00	5.2	304	18	7.7	0.0	28.2	62
14/05/2024 12:10	5.3	292	10	7.5	0.0	28.2	62
14/05/2024 12:20	4.7	303	12	6.7	0.0	28.4	61
14/05/2024 12:30	5.2	297	12	7.7	0.0	28.8	59
14/05/2024 12:40	5.5	292	10	7.6	0.0	28.6	59
14/05/2024 12:50	5.2	295	12	7.9	0.0	28.7	59
14/05/2024 13:00	5.8	292	11	8.6	0.0	28.6	61
14/05/2024 13:10	5.3	295	12	7.6	0.0	28.7	60
14/05/2024 13:20	5.5	292	9	7.4	0.0	28.7	58
14/05/2024 13:30	5.1	299	11	7.2	0.0	28.6	58
14/05/2024 13:40	4.4	306	16	8.2	0.0	29.1	56
14/05/2024 13:50	4.5	315	14	6.4	0.0	29.3	54
14/05/2024 14:00	4.2	309	18	6.6	0.0	29.2	55
14/05/2024 14:10	4.7	318	17	7.6	0.0	28.8	57
14/05/2024 14:20	5.1	298	14	7.2	0.0	28.6	57
14/05/2024 14:30	4.3	314	16	6.5	0.0	28.8	57
14/05/2024 14:40	3.6	315	21	5.7	0.0	28.9	57
14/05/2024 14:50	4.5	303	15	6.3	0.0	28.6	58
14/05/2024 15:00	4.9	297	10	7.2	0.0	28.4	60
14/05/2024 15:10	4.3	297	13	6.6	0.0	28.2	61
14/05/2024 15:20	4.4	301	12	5.9	0.0	28.5	60
14/05/2024 15:30	4.4	293	13	6.0	0.0	28.4	60
14/05/2024 15:40	5.1	295	9	6.8	0.0	28.2	59
14/05/2024 15:50	5.0	289	9	6.6	0.0	28.1	60
14/05/2024 16:00	5.1	287	9	6.5	0.0	28.0	61
14/05/2024 16:10	5.0	269	10	6.8	0.0	27.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/05/2024 16:20	5.0	265	11	7.0	0.0	27.7	65
14/05/2024 16:30	5.7	267	5	6.6	0.0	27.4	66
14/05/2024 16:40	5.2	258	6	6.4	0.0	27.1	67
14/05/2024 16:50	5.1	265	10	6.4	0.0	27.3	66
14/05/2024 17:00	4.6	268	10	6.2	0.0	27.2	65
14/05/2024 17:10	4.1	265	7	5.3	0.0	27.2	65
14/05/2024 17:20	4.0	262	6	5.2	0.0	26.9	67
14/05/2024 17:30	3.6	270	9	4.7	0.0	26.7	67
14/05/2024 17:40	3.6	267	6	4.8	0.0	26.5	71
14/05/2024 17:50	3.4	266	6	4.3	0.0	26.3	71
14/05/2024 18:00	2.7	277	8	3.6	0.0	26.3	72
14/05/2024 18:10	3.2	284	7	4.3	0.0	26.2	73
14/05/2024 18:20	2.8	277	10	4.0	0.0	26.1	74
14/05/2024 18:30	2.9	277	8	3.8	0.0	26.1	74
14/05/2024 18:40	2.6	276	8	3.6	0.0	26.0	74
14/05/2024 18:50	2.5	286	8	3.6	0.0	25.9	75
14/05/2024 19:00	2.7	286	7	3.6	0.0	25.8	75
14/05/2024 19:10	2.4	290	10	3.5	0.0	25.7	74
14/05/2024 19:20	2.3	291	8	3.3	0.0	25.7	72
14/05/2024 19:30	1.5	299	12	2.6	0.0	25.8	71
14/05/2024 19:40	1.8	292	10	2.8	0.0	25.8	72
14/05/2024 19:50	2.4	287	8	3.3	0.0	25.7	73
14/05/2024 20:00	2.5	279	8	3.5	0.0	25.8	72
14/05/2024 20:10	2.8	274	6	3.7	0.0	25.9	72
14/05/2024 20:20	2.0	295	13	2.8	0.0	25.8	72
14/05/2024 20:30	2.1	291	9	3.0	0.0	25.8	72
14/05/2024 20:40	2.3	290	7	2.9	0.0	25.7	72
14/05/2024 20:50	2.1	288	8	3.0	0.0	25.8	72
14/05/2024 21:00	1.8	295	13	3.1	0.0	25.8	71
14/05/2024 21:10	2.0	293	12	2.9	0.0	25.8	69
14/05/2024 21:20	1.6	313	12	2.4	0.0	25.8	68
14/05/2024 21:30	1.5	315	15	2.4	0.0	25.9	68
14/05/2024 21:40	1.5	320	13	2.3	0.0	25.9	67
14/05/2024 21:50	1.2	304	12	2.0	0.0	25.9	69
14/05/2024 22:00	1.0	311	13	1.6	0.0	25.8	69
14/05/2024 22:10	1.2	316	10	1.9	0.0	25.7	70
14/05/2024 22:20	1.3	321	11	2.1	0.0	25.7	72
14/05/2024 22:30	1.4	340	12	2.2	0.0	25.6	73
14/05/2024 22:40	1.5	337	11	2.2	0.0	25.5	73
14/05/2024 22:50	1.7	299	13	2.9	0.0	25.6	73
14/05/2024 23:00	1.8	298	11	2.8	0.0	25.6	73
14/05/2024 23:10	1.3	306	21	2.3	0.0	25.5	73
14/05/2024 23:20	1.7	288	13	2.6	0.0	25.5	75
14/05/2024 23:30	0.9	310	27	1.7	0.0	25.4	76
14/05/2024 23:40	0.6	321	52	1.4	0.0	25.3	77
14/05/2024 23:50	0.8	172	18	1.2	0.0	25.2	77
15/05/2024 00:00	1.0	307	25	1.6	0.0	25.1	78
15/05/2024 00:10	1.0	346	12	1.5	0.0	25.0	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/05/2024 00:20	1.2	315	10	1.8	0.0	25.1	78
15/05/2024 00:30	1.5	295	10	1.9	0.0	25.2	77
15/05/2024 00:40	2.2	272	7	2.9	0.0	25.0	78
15/05/2024 00:50	2.8	267	4	3.4	0.0	25.1	77
15/05/2024 01:00	2.4	269	4	2.9	0.0	25.1	78
15/05/2024 01:10	2.4	269	2	2.7	0.0	24.9	79
15/05/2024 01:20	2.6	270	2	2.9	0.0	24.8	79
15/05/2024 01:30	2.9	258	9	3.7	0.0	24.7	79
15/05/2024 01:40	2.7	248	12	4.1	0.0	25.2	75
15/05/2024 01:50	2.3	259	11	3.7	0.0	24.8	76
15/05/2024 02:00	2.5	261	10	3.5	0.0	24.7	75
15/05/2024 02:10	2.7	260	8	3.5	0.0	24.5	74
15/05/2024 02:20	2.8	267	7	3.7	0.0	24.5	74
15/05/2024 02:30	2.9	270	5	3.3	0.0	24.2	75
15/05/2024 02:40	2.5	273	5	3.1	0.0	24.1	75
15/05/2024 02:50	2.6	273	3	3.1	0.0	24.0	76
15/05/2024 03:00	3.3	266	4	4.0	0.0	24.0	76
15/05/2024 03:10	2.3	263	6	2.8	0.0	23.9	78
15/05/2024 03:20	2.0	265	5	2.5	0.0	23.8	78
15/05/2024 03:30	2.2	267	4	2.7	0.0	23.7	79
15/05/2024 03:40	2.1	271	4	2.4	0.0	23.5	78
15/05/2024 03:50	2.5	264	3	3.0	0.0	23.6	78
15/05/2024 04:00	2.7	265	3	3.4	0.0	23.6	77
15/05/2024 04:10	2.8	262	5	4.0	0.0	23.5	77
15/05/2024 04:20	2.0	262	8	2.8	0.0	23.4	77
15/05/2024 04:30	1.3	267	18	2.3	0.0	23.1	78
15/05/2024 04:40	0.9	268	44	2.3	0.0	22.8	78
15/05/2024 04:50	2.1	262	15	3.5	0.0	23.4	74
15/05/2024 05:00	1.8	273	9	2.5	0.0	23.4	74
15/05/2024 05:10	1.3	247	26	2.0	0.0	23.5	74
15/05/2024 05:20	1.4	267	15	2.2	0.0	23.7	73
15/05/2024 05:30	1.0	247	24	1.7	0.0	23.6	74
15/05/2024 05:40	1.0	245	21	1.6	0.0	23.7	74
15/05/2024 05:50	2.1	274	8	2.6	0.0	23.4	76
15/05/2024 06:00	0.9	257	23	1.5	0.0	23.3	77
15/05/2024 06:10	1.0	266	21	1.7	0.0	23.4	77
15/05/2024 06:20	0.6	243	73	1.5	0.0	23.3	77
15/05/2024 06:30	1.0	268	21	1.5	0.0	23.5	75
15/05/2024 06:40	1.0	252	21	1.5	0.0	23.8	73
15/05/2024 06:50	1.2	245	17	2.1	0.0	23.7	73
15/05/2024 07:00	2.4	261	9	3.5	0.0	23.5	73
15/05/2024 07:10	2.9	265	7	3.9	0.0	23.5	74
15/05/2024 07:20	2.3	266	8	3.3	0.0	23.6	74
15/05/2024 07:30	2.3	251	12	3.5	0.0	24.0	71
15/05/2024 07:40	1.5	229	17	2.6	0.0	24.4	69
15/05/2024 07:50	1.8	223	11	2.8	0.0	24.7	67
15/05/2024 08:00	2.1	231	12	3.2	0.0	25.0	66
15/05/2024 08:10	2.9	236	9	4.4	0.0	25.1	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/05/2024 08:20	2.3	229	14	3.1	0.0	25.3	64
15/05/2024 08:30	2.7	245	16	4.2	0.0	25.4	63
15/05/2024 08:40	2.5	242	15	3.6	0.0	25.6	62
15/05/2024 08:50	2.1	222	15	3.2	0.0	25.9	60
15/05/2024 09:00	2.3	200	17	3.8	0.0	26.2	58
15/05/2024 09:10	3.1	204	9	4.5	0.0	26.4	57
15/05/2024 09:20	3.2	199	11	4.7	0.0	26.6	56
15/05/2024 09:30	3.4	198	9	5.1	0.0	26.7	55
15/05/2024 09:40	3.6	203	10	4.9	0.0	26.9	54
15/05/2024 09:50	3.9	194	10	5.5	0.0	27.2	52
15/05/2024 10:00	3.3	200	12	4.5	0.0	27.5	52
15/05/2024 10:10	3.2	205	16	4.9	0.0	27.9	51
15/05/2024 10:20	3.2	223	18	5.3	0.0	27.9	50
15/05/2024 10:30	3.8	238	16	5.6	0.0	28.2	49
15/05/2024 10:40	3.6	239	17	5.6	0.0	28.2	48
15/05/2024 10:50	4.1	266	15	5.6	0.0	28.4	48
15/05/2024 11:00	3.8	256	20	6.2	0.0	28.5	47
15/05/2024 11:10	3.6	240	18	5.2	0.0	28.4	48
15/05/2024 11:20	3.6	232	12	5.5	0.0	28.5	48
15/05/2024 11:30	3.5	262	25	6.6	0.0	28.9	47
15/05/2024 11:40	3.7	280	14	5.3	0.0	29.2	46
15/05/2024 11:50	4.0	278	12	5.6	0.0	29.0	47
15/05/2024 12:00	4.4	275	10	5.9	0.0	29.2	46
15/05/2024 12:10	4.7	284	9	5.9	0.0	29.0	47
15/05/2024 12:20	4.0	271	11	6.2	0.0	29.3	46
15/05/2024 12:30	4.0	271	13	5.5	0.0	29.3	46
15/05/2024 12:40	4.2	272	9	5.7	0.0	29.2	46
15/05/2024 12:50	3.9	278	10	5.9	0.0	29.2	46
15/05/2024 13:00	3.7	283	15	5.6	0.0	29.3	46
15/05/2024 13:10	3.4	296	13	5.1	0.0	29.1	46
15/05/2024 13:20	3.0	268	16	5.0	0.0	29.6	44
15/05/2024 13:30	3.8	293	14	5.4	0.0	29.7	45
15/05/2024 13:40	3.9	309	13	5.6	0.0	29.6	46
15/05/2024 13:50	4.0	293	17	5.2	0.0	29.4	46
15/05/2024 14:00	3.2	298	14	4.4	0.0	29.5	45
15/05/2024 14:10	3.9	330	12	5.5	0.0	29.4	47
15/05/2024 14:20	4.1	335	12	5.6	0.0	29.1	49
15/05/2024 14:30	4.7	323	8	6.3	0.0	29.0	50
15/05/2024 14:40	4.7	331	12	6.7	0.0	29.0	51
15/05/2024 14:50	5.4	338	12	7.9	0.0	29.4	51
15/05/2024 15:00	5.1	330	11	7.2	0.0	29.0	53
15/05/2024 15:10	5.2	329	8	6.8	0.0	28.5	53
15/05/2024 15:20	4.7	327	11	6.1	0.0	28.4	54
15/05/2024 15:30	3.7	311	17	5.3	0.0	28.5	53
15/05/2024 15:40	3.6	301	12	5.6	0.0	28.8	51
15/05/2024 15:50	3.5	306	12	5.0	0.0	28.6	51
15/05/2024 16:00	4.0	296	10	5.1	0.0	28.5	51
15/05/2024 16:10	4.4	297	7	5.9	0.0	28.2	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/05/2024 16:20	4.2	294	11	6.0	0.0	28.2	56
15/05/2024 16:30	4.1	291	10	5.9	0.0	27.9	56
15/05/2024 16:40	4.5	288	10	6.4	0.0	27.9	56
15/05/2024 16:50	4.3	314	14	6.7	0.0	28.0	56
15/05/2024 17:00	4.5	308	13	6.8	0.0	27.7	57
15/05/2024 17:10	4.8	288	8	6.3	0.0	27.4	58
15/05/2024 17:20	4.6	288	8	6.3	0.0	27.1	60
15/05/2024 17:30	5.0	291	8	6.4	0.0	26.8	61
15/05/2024 17:40	5.4	293	7	7.0	0.0	26.6	62
15/05/2024 17:50	4.8	291	8	6.8	0.0	26.5	64
15/05/2024 18:00	4.4	287	8	6.7	0.0	26.5	63
15/05/2024 18:10	4.4	293	9	6.3	0.0	26.4	65
15/05/2024 18:20	4.2	275	8	6.2	0.0	26.4	63
15/05/2024 18:30	4.3	271	7	5.8	0.0	26.3	66
15/05/2024 18:40	4.8	265	7	6.3	0.0	26.2	68
15/05/2024 18:50	5.0	262	6	6.3	0.0	26.2	67
15/05/2024 19:00	4.9	260	7	6.2	0.0	26.2	67
15/05/2024 19:10	5.3	268	5	7.0	0.0	26.1	67
15/05/2024 19:20	5.5	265	7	7.0	0.0	26.1	66
15/05/2024 19:30	5.5	267	5	6.8	0.0	26.1	65
15/05/2024 19:40	5.6	267	5	6.9	0.0	26.1	66
15/05/2024 19:50	5.2	266	5	6.6	0.0	26.1	66
15/05/2024 20:00	4.2	264	6	5.7	0.0	26.0	67
15/05/2024 20:10	4.7	265	5	6.2	0.0	25.9	68
15/05/2024 20:20	3.8	262	6	5.3	0.0	25.8	68
15/05/2024 20:30	3.3	262	5	4.3	0.0	25.7	68
15/05/2024 20:40	3.7	263	4	4.8	0.0	25.7	68
15/05/2024 20:50	3.4	264	5	4.3	0.0	25.7	68
15/05/2024 21:00	3.5	266	5	4.5	0.0	25.8	68
15/05/2024 21:10	3.9	262	5	5.1	0.0	25.8	68
15/05/2024 21:20	3.6	261	5	4.3	0.0	25.7	68
15/05/2024 21:30	3.5	265	5	4.3	0.0	25.6	68
15/05/2024 21:40	3.7	261	5	5.0	0.0	25.5	69
15/05/2024 21:50	3.5	263	5	4.4	0.0	25.5	68
15/05/2024 22:00	3.5	260	8	4.7	0.0	25.5	67
15/05/2024 22:10	3.7	265	5	5.3	0.0	25.6	64
15/05/2024 22:20	3.7	264	5	5.1	0.0	25.5	62
15/05/2024 22:30	3.7	264	5	4.5	0.0	25.5	61
15/05/2024 22:40	3.0	266	6	4.3	0.0	25.5	61
15/05/2024 22:50	3.4	262	6	4.8	0.0	25.6	59
15/05/2024 23:00	3.7	267	4	4.8	0.0	25.6	57
15/05/2024 23:10	4.4	264	4	5.4	0.0	25.6	55
15/05/2024 23:20	4.1	267	3	5.1	0.0	25.7	55
15/05/2024 23:30	4.2	265	4	5.3	0.0	25.7	53
15/05/2024 23:40	3.9	269	3	4.7	0.0	25.7	50
15/05/2024 23:50	3.6	270	4	4.7	0.0	25.6	50
16/05/2024 00:00	3.2	268	6	4.2	0.0	25.3	52
16/05/2024 00:10	3.1	269	5	4.3	0.0	25.2	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/05/2024 00:20	3.1	270	6	3.8	0.0	25.1	54
16/05/2024 00:30	2.8	269	6	3.6	0.0	25.0	55
16/05/2024 00:40	2.7	273	6	3.8	0.0	25.0	56
16/05/2024 00:50	2.9	275	6	4.0	0.0	25.0	57
16/05/2024 01:00	3.0	271	6	4.0	0.0	24.9	59
16/05/2024 01:10	3.3	270	5	4.3	0.0	24.9	59
16/05/2024 01:20	3.4	264	5	4.3	0.0	24.9	60
16/05/2024 01:30	3.4	255	8	4.3	0.0	24.8	61
16/05/2024 01:40	3.3	254	8	4.5	0.0	24.8	61
16/05/2024 01:50	3.0	257	11	4.6	0.0	24.5	62
16/05/2024 02:00	2.9	259	7	4.1	0.0	24.3	63
16/05/2024 02:10	2.1	264	12	3.2	0.0	24.1	64
16/05/2024 02:20	2.2	272	5	2.8	0.0	23.7	66
16/05/2024 02:30	2.3	274	5	2.6	0.0	23.7	67
16/05/2024 02:40	2.1	280	5	2.6	0.0	23.5	68
16/05/2024 02:50	2.3	285	6	3.2	0.0	23.6	68
16/05/2024 03:00	1.8	269	7	2.2	0.0	23.5	69
16/05/2024 03:10	2.2	273	4	2.5	0.0	23.2	70
16/05/2024 03:20	2.3	262	4	2.7	0.0	23.2	69
16/05/2024 03:30	2.2	258	8	3.1	0.0	23.0	69
16/05/2024 03:40	2.5	264	8	3.5	0.0	22.9	69
16/05/2024 03:50	2.4	264	7	3.0	0.0	22.9	69
16/05/2024 04:00	2.2	268	6	2.8	0.0	22.8	70
16/05/2024 04:10	2.0	254	15	3.3	0.0	23.1	69
16/05/2024 04:20	2.1	252	12	3.0	0.0	23.2	69
16/05/2024 04:30	1.1	260	22	1.9	0.0	23.2	69
16/05/2024 04:40	1.4	239	13	2.3	0.0	23.4	68
16/05/2024 04:50	2.0	262	13	3.0	0.0	23.4	68
16/05/2024 05:00	2.6	271	6	3.2	0.0	23.2	69
16/05/2024 05:10	2.6	273	5	3.1	0.0	23.2	69
16/05/2024 05:20	2.8	270	5	3.5	0.0	23.0	70
16/05/2024 05:30	1.2	259	14	1.9	0.0	22.9	71
16/05/2024 05:40	2.0	246	12	3.3	0.0	23.1	69
16/05/2024 05:50	2.2	245	11	3.7	0.0	23.4	67
16/05/2024 06:00	1.4	251	15	2.2	0.0	23.3	66
16/05/2024 06:10	1.6	268	11	2.4	0.0	22.8	68
16/05/2024 06:20	2.4	279	6	2.9	0.0	22.6	69
16/05/2024 06:30	1.9	279	7	2.3	0.0	22.6	70
16/05/2024 06:40	1.3	260	17	1.9	0.0	22.6	71
16/05/2024 06:50	1.0	282	12	1.4	0.0	22.6	71
16/05/2024 07:00	1.1	265	17	1.7	0.0	23.0	68
16/05/2024 07:10	0.7	255	26	1.1	0.0	23.2	67
16/05/2024 07:20	0.7	96	49	1.4	0.0	23.3	66
16/05/2024 07:30	0.5	59	28	1.1	0.0	23.5	66
16/05/2024 07:40	0.7	35	13	1.0	0.0	23.6	66
16/05/2024 07:50	0.8	46	16	1.2	0.0	24.1	64
16/05/2024 08:00	0.7	155	48	1.2	0.0	24.9	61
16/05/2024 08:10	1.1	142	36	1.6	0.0	25.3	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/05/2024 08:20	1.1	112	19	1.7	0.0	25.9	52
16/05/2024 08:30	1.7	101	18	3.0	0.0	26.5	48
16/05/2024 08:40	2.8	114	7	3.7	0.0	26.0	49
16/05/2024 08:50	2.0	108	12	2.9	0.0	26.1	48
16/05/2024 09:00	1.8	91	15	2.5	0.0	26.5	47
16/05/2024 09:10	2.1	87	10	2.8	0.0	27.1	44
16/05/2024 09:20	2.0	107	13	3.0	0.0	27.3	43
16/05/2024 09:30	2.1	105	16	3.0	0.0	27.1	45
16/05/2024 09:40	1.7	129	18	2.6	0.0	27.5	44
16/05/2024 09:50	2.2	132	11	3.2	0.0	27.2	43
16/05/2024 10:00	1.9	123	13	2.7	0.0	27.5	42
16/05/2024 10:10	1.6	119	19	2.8	0.0	28.1	39
16/05/2024 10:20	1.6	125	16	2.7	0.0	28.4	35
16/05/2024 10:30	2.3	110	19	3.4	0.0	28.9	32
16/05/2024 10:40	2.2	118	17	3.3	0.0	29.4	29
16/05/2024 10:50	1.9	97	32	3.0	0.0	29.7	29
16/05/2024 11:00	2.0	139	21	3.1	0.0	29.8	30
16/05/2024 11:10	2.2	110	22	3.5	0.0	30.1	29
16/05/2024 11:20	2.3	111	25	3.5	0.0	30.4	29
16/05/2024 11:30	2.3	116	19	3.3	0.0	30.7	29
16/05/2024 11:40	2.9	116	17	4.4	0.0	30.3	29
16/05/2024 11:50	3.0	86	19	4.3	0.0	30.2	29
16/05/2024 12:00	2.3	113	20	3.5	0.0	30.3	33
16/05/2024 12:10	1.5	75	47	3.1	0.0	30.6	34
16/05/2024 12:20	1.4	50	30	2.4	0.0	30.9	34
16/05/2024 12:30	2.1	18	19	4.2	0.0	30.8	34
16/05/2024 12:40	2.1	47	37	4.0	0.0	30.5	33
16/05/2024 12:50	1.8	180	24	2.9	0.0	30.8	32
16/05/2024 13:00	2.1	72	44	3.4	0.0	31.0	32
16/05/2024 13:10	2.0	79	22	3.6	0.0	31.3	30
16/05/2024 13:20	2.0	68	20	3.4	0.0	31.5	30
16/05/2024 13:30	2.7	85	25	4.6	0.0	31.2	30
16/05/2024 13:40	2.3	57	27	3.8	0.0	30.9	31
16/05/2024 13:50	2.2	308	17	3.5	0.0	30.8	33
16/05/2024 14:00	2.4	333	22	3.9	0.0	31.0	32
16/05/2024 14:10	3.1	335	12	4.8	0.0	30.6	32
16/05/2024 14:20	1.8	184	26	2.8	0.0	30.7	32
16/05/2024 14:30	2.3	338	18	3.5	0.0	30.9	32
16/05/2024 14:40	2.6	334	14	3.8	0.0	31.0	32
16/05/2024 14:50	2.9	322	14	4.4	0.0	31.0	32
16/05/2024 15:00	2.8	326	13	4.3	0.0	30.8	34
16/05/2024 15:10	3.1	346	16	5.1	0.0	30.9	35
16/05/2024 15:20	3.5	339	13	4.7	0.0	30.2	36
16/05/2024 15:30	3.2	339	14	4.4	0.0	30.2	38
16/05/2024 15:40	2.9	345	13	4.0	0.0	30.1	39
16/05/2024 15:50	2.9	328	10	3.9	0.0	29.7	41
16/05/2024 16:00	3.2	324	9	4.3	0.0	29.7	41
16/05/2024 16:10	3.2	323	7	4.3	0.0	29.6	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/05/2024 16:20	3.1	324	10	4.0	0.0	29.9	41
16/05/2024 16:30	2.8	317	13	4.5	0.0	29.3	43
16/05/2024 16:40	2.3	301	14	3.3	0.0	29.5	43
16/05/2024 16:50	2.4	279	11	3.1	0.0	29.1	43
16/05/2024 17:00	2.7	279	9	3.5	0.0	28.8	45
16/05/2024 17:10	3.0	270	10	3.9	0.0	28.4	53
16/05/2024 17:20	3.1	271	6	3.9	0.0	28.0	54
16/05/2024 17:30	2.6	277	7	3.4	0.0	27.7	54
16/05/2024 17:40	2.2	271	7	2.8	0.0	27.6	54
16/05/2024 17:50	2.5	273	7	3.0	0.0	27.4	57
16/05/2024 18:00	2.1	268	6	2.6	0.0	27.2	57
16/05/2024 18:10	1.8	277	9	2.5	0.0	26.9	59
16/05/2024 18:20	2.5	272	6	3.3	0.0	26.8	61
16/05/2024 18:30	1.9	267	7	2.5	0.0	26.7	63
16/05/2024 18:40	2.0	279	5	2.4	0.0	26.4	64
16/05/2024 18:50	1.7	272	4	2.2	0.0	26.3	63
16/05/2024 19:00	2.3	277	4	2.7	0.0	26.2	64
16/05/2024 19:10	2.3	275	4	2.9	0.0	26.1	64
16/05/2024 19:20	2.8	276	5	3.5	0.0	26.0	65
16/05/2024 19:30	3.0	277	4	3.6	0.0	25.9	66
16/05/2024 19:40	2.6	275	5	3.5	0.0	25.9	68
16/05/2024 19:50	3.2	272	4	4.1	0.0	25.9	71
16/05/2024 20:00	2.6	266	6	3.5	0.0	25.9	72
16/05/2024 20:10	1.9	264	9	2.7	0.0	25.9	73
16/05/2024 20:20	2.3	266	6	3.0	0.0	25.9	74
16/05/2024 20:30	2.3	267	6	2.9	0.0	25.8	75
16/05/2024 20:40	2.7	268	6	3.5	0.0	25.7	76
16/05/2024 20:50	2.4	271	5	3.1	0.0	25.7	76
16/05/2024 21:00	2.6	268	6	3.6	0.0	25.5	77
16/05/2024 21:10	3.2	263	3	3.6	0.0	25.5	77
16/05/2024 21:20	3.1	263	4	3.4	0.0	25.2	78
16/05/2024 21:30	3.0	263	5	3.8	0.0	25.2	78
16/05/2024 21:40	2.7	268	4	3.3	0.0	25.2	77
16/05/2024 21:50	2.5	267	4	3.1	0.0	25.0	76
16/05/2024 22:00	2.8	266	5	3.6	0.0	25.0	76
16/05/2024 22:10	3.0	264	6	3.9	0.0	25.0	75
16/05/2024 22:20	2.8	267	6	3.7	0.0	24.9	75
16/05/2024 22:30	3.1	271	5	3.9	0.0	24.8	75
16/05/2024 22:40	3.2	274	4	3.8	0.0	24.7	75
16/05/2024 22:50	3.5	274	4	4.0	0.0	24.8	74
16/05/2024 23:00	3.6	269	4	4.2	0.0	24.9	70
16/05/2024 23:10	3.4	267	4	4.2	0.0	25.0	66
16/05/2024 23:20	3.3	268	4	4.1	0.0	24.9	66
16/05/2024 23:30	2.5	270	4	3.4	0.0	24.8	65
16/05/2024 23:40	2.4	274	4	3.1	0.0	24.7	66
16/05/2024 23:50	2.9	273	5	3.6	0.0	24.7	65
17/05/2024 00:00	2.9	267	5	3.8	0.0	24.8	64
17/05/2024 00:10	3.5	275	4	4.3	0.0	24.8	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/05/2024 00:20	3.6	282	5	4.7	0.0	25.0	61
17/05/2024 00:30	2.9	263	6	4.1	0.0	24.9	61
17/05/2024 00:40	2.8	256	7	3.7	0.0	24.9	62
17/05/2024 00:50	2.9	267	9	4.5	0.0	24.7	61
17/05/2024 01:00	2.6	264	12	4.0	0.0	25.0	59
17/05/2024 01:10	2.7	259	12	4.5	0.0	25.3	60
17/05/2024 01:20	2.5	262	13	3.8	0.0	25.1	62
17/05/2024 01:30	1.5	232	24	3.0	0.0	25.1	62
17/05/2024 01:40	2.4	248	16	4.3	0.0	25.3	61
17/05/2024 01:50	1.4	239	22	2.6	0.0	25.1	61
17/05/2024 02:00	1.3	229	25	2.3	0.0	25.0	60
17/05/2024 02:10	1.6	240	20	2.7	0.0	25.0	59
17/05/2024 02:20	2.1	209	17	3.5	0.0	25.5	55
17/05/2024 02:30	2.0	218	16	3.8	0.0	25.9	53
17/05/2024 02:40	2.0	213	22	3.5	0.0	25.7	53
17/05/2024 02:50	1.2	273	20	1.9	0.0	25.2	56
17/05/2024 03:00	1.1	280	25	1.8	0.0	25.0	56
17/05/2024 03:10	1.5	289	11	2.0	0.0	25.1	56
17/05/2024 03:20	1.3	276	16	2.1	0.0	25.1	56
17/05/2024 03:30	1.3	265	22	2.0	0.0	24.9	57
17/05/2024 03:40	1.5	273	14	2.1	0.0	24.8	58
17/05/2024 03:50	1.2	278	15	2.0	0.0	24.7	58
17/05/2024 04:00	0.6	218	49	1.4	0.0	24.7	57
17/05/2024 04:10	0.7	199	40	1.5	0.0	24.8	57
17/05/2024 04:20	1.9	174	21	3.1	0.0	25.5	54
17/05/2024 04:30	0.8	210	77	2.6	0.0	25.3	55
17/05/2024 04:40	1.0	137	43	2.2	0.0	24.9	57
17/05/2024 04:50	1.0	49	55	2.2	0.0	24.6	58
17/05/2024 05:00	1.3	94	23	2.2	0.0	24.3	58
17/05/2024 05:10	1.5	71	16	2.2	0.0	23.9	59
17/05/2024 05:20	2.3	104	11	3.5	0.0	23.8	61
17/05/2024 05:30	1.9	110	16	2.8	0.0	23.8	62
17/05/2024 05:40	1.9	109	15	3.0	0.0	23.7	64
17/05/2024 05:50	1.9	105	18	3.1	0.0	23.2	67
17/05/2024 06:00	2.3	116	11	3.4	0.0	23.6	68
17/05/2024 06:10	2.9	118	9	3.7	0.0	24.3	65
17/05/2024 06:20	2.9	116	12	4.8	0.0	24.3	66
17/05/2024 06:30	3.8	112	12	6.1	0.0	24.7	59
17/05/2024 06:40	4.5	114	10	6.3	0.0	25.0	55
17/05/2024 06:50	4.9	114	10	7.1	0.0	24.7	54
17/05/2024 07:00	5.0	116	10	7.4	0.0	24.6	53
17/05/2024 07:10	4.9	110	11	7.7	0.0	24.6	55
17/05/2024 07:20	5.1	92	9	7.1	0.0	24.7	59
17/05/2024 07:30	3.9	86	7	6.4	0.0	24.9	58
17/05/2024 07:40	4.5	95	11	6.5	0.0	25.2	58
17/05/2024 07:50	6.1	88	7	10.0	0.0	25.5	57
17/05/2024 08:00	7.4	90	9	11.1	0.0	25.8	55
17/05/2024 08:10	6.8	90	9	9.6	0.0	25.8	56



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/05/2024 08:20	7.2	90	8	9.8	0.0	25.9	55
17/05/2024 08:30	6.2	96	11	9.3	0.0	26.3	53
17/05/2024 08:40	6.1	101	13	8.9	0.0	26.5	52
17/05/2024 08:50	6.2	99	11	9.6	0.0	26.5	51
17/05/2024 09:00	5.8	98	12	8.7	0.0	26.7	49
17/05/2024 09:10	6.0	101	11	8.3	0.0	26.7	50
17/05/2024 09:20	6.5	91	9	8.5	0.0	26.9	50
17/05/2024 09:30	6.2	89	9	8.6	0.0	27.1	49
17/05/2024 09:40	6.5	87	6	9.0	0.0	27.2	50
17/05/2024 09:50	6.9	87	8	9.5	0.0	27.5	48
17/05/2024 10:00	7.5	89	7	10.3	0.0	27.7	47
17/05/2024 10:10	7.4	89	6	10.1	0.0	27.9	46
17/05/2024 10:20	7.1	86	7	9.7	0.0	28.4	43
17/05/2024 10:30	6.9	85	6	9.7	0.0	28.4	42
17/05/2024 10:40	6.8	85	7	9.5	0.0	28.4	42
17/05/2024 10:50	6.3	86	7	9.3	0.0	28.4	43
17/05/2024 11:00	6.3	86	6	8.9	0.0	28.9	42
17/05/2024 11:10	6.9	89	5	8.9	0.0	28.7	42
17/05/2024 11:20	6.7	84	7	9.1	0.0	28.6	42
17/05/2024 11:30	6.6	78	9	8.8	0.0	28.9	42
17/05/2024 11:40	7.0	71	7	9.4	0.0	28.6	43
17/05/2024 11:50	7.8	73	6	9.7	0.0	28.6	42
17/05/2024 12:00	7.8	74	7	10.4	0.0	28.7	41
17/05/2024 12:10	7.2	79	9	9.4	0.0	28.8	42
17/05/2024 12:20	6.8	80	8	9.0	0.0	29.1	42
17/05/2024 12:30	6.6	79	9	9.1	0.0	29.0	42
17/05/2024 12:40	6.2	78	11	8.3	0.0	29.1	42
17/05/2024 12:50	5.7	72	10	8.1	0.0	29.6	42
17/05/2024 13:00	6.9	60	6	8.8	0.0	29.1	42
17/05/2024 13:10	6.5	66	9	8.5	0.0	29.4	40
17/05/2024 13:20	5.6	72	11	8.4	0.0	29.9	39
17/05/2024 13:30	5.4	67	10	7.7	0.0	30.1	38
17/05/2024 13:40	5.9	76	10	7.9	0.0	30.1	37
17/05/2024 13:50	5.6	73	10	7.4	0.0	30.3	37
17/05/2024 14:00	5.8	76	10	8.5	0.0	30.3	37
17/05/2024 14:10	5.7	81	11	8.4	0.0	30.5	36
17/05/2024 14:20	5.2	73	11	7.1	0.0	30.8	35
17/05/2024 14:30	5.8	74	12	8.2	0.0	31.1	33
17/05/2024 14:40	5.4	68	10	7.6	0.0	30.9	36
17/05/2024 14:50	6.4	63	9	8.8	0.0	30.5	36
17/05/2024 15:00	6.2	61	9	8.3	0.0	30.4	37
17/05/2024 15:10	5.9	65	10	8.5	0.0	30.3	37
17/05/2024 15:20	6.1	58	9	8.7	0.0	30.1	38
17/05/2024 15:30	5.3	54	6	7.0	0.0	30.0	40
17/05/2024 15:40	5.5	61	9	7.3	0.0	30.2	36
17/05/2024 15:50	5.5	64	9	7.7	0.0	30.3	36
17/05/2024 16:00	5.8	57	7	7.9	0.0	30.0	37
17/05/2024 16:10	5.7	56	8	7.5	0.0	29.8	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/05/2024 16:20	5.5	56	7	7.2	0.0	29.7	41
17/05/2024 16:30	5.6	54	5	7.2	0.0	29.5	42
17/05/2024 16:40	5.1	56	7	6.9	0.0	29.3	43
17/05/2024 16:50	5.1	56	7	6.9	0.0	29.3	42
17/05/2024 17:00	4.9	60	6	6.4	0.0	29.0	43
17/05/2024 17:10	4.7	61	6	6.3	0.0	28.8	44
17/05/2024 17:20	4.3	61	7	6.0	0.0	28.6	46
17/05/2024 17:30	4.1	60	6	5.5	0.0	28.3	47
17/05/2024 17:40	4.0	58	7	5.4	0.0	28.1	48
17/05/2024 17:50	3.7	60	5	4.8	0.0	28.0	49
17/05/2024 18:00	3.2	58	5	4.1	0.0	27.7	50
17/05/2024 18:10	2.4	57	5	3.0	0.0	27.5	51
17/05/2024 18:20	2.4	60	6	3.3	0.0	27.3	52
17/05/2024 18:30	2.6	59	6	3.2	0.0	27.0	54
17/05/2024 18:40	2.7	61	6	3.4	0.0	26.9	56
17/05/2024 18:50	2.8	56	4	3.5	0.0	26.6	56
17/05/2024 19:00	3.0	55	4	3.8	0.0	26.6	55
17/05/2024 19:10	2.6	63	6	3.4	0.0	26.7	56
17/05/2024 19:20	2.6	73	5	3.3	0.0	26.4	61
17/05/2024 19:30	3.3	73	4	3.7	0.0	26.6	62
17/05/2024 19:40	3.1	70	4	3.7	0.0	26.6	61
17/05/2024 19:50	2.6	71	4	3.0	0.0	26.4	63
17/05/2024 20:00	2.4	88	6	3.2	0.0	26.4	66
17/05/2024 20:10	2.9	89	5	3.6	0.0	26.4	72
17/05/2024 20:20	2.5	86	7	3.3	0.0	26.1	73
17/05/2024 20:30	2.2	77	7	2.7	0.0	25.8	76
17/05/2024 20:40	2.1	89	5	2.6	0.0	25.8	75
17/05/2024 20:50	2.3	88	5	2.7	0.0	25.6	78
17/05/2024 21:00	2.2	89	8	2.7	0.0	25.4	79
17/05/2024 21:10	2.0	75	10	2.8	0.0	25.3	78
17/05/2024 21:20	1.7	72	7	2.2	0.0	25.0	81
17/05/2024 21:30	1.7	81	7	2.1	0.0	25.0	81
17/05/2024 21:40	2.2	79	6	2.9	0.0	25.2	80
17/05/2024 21:50	2.1	76	8	2.9	0.0	25.0	79
17/05/2024 22:00	2.3	72	8	3.2	0.0	25.2	78
17/05/2024 22:10	1.8	70	10	2.7	0.0	25.3	78
17/05/2024 22:20	1.0	71	20	1.6	0.0	25.1	80
17/05/2024 22:30	1.1	75	26	2.4	0.0	25.1	78
17/05/2024 22:40	1.0	57	19	1.7	0.0	25.0	77
17/05/2024 22:50	0.9	77	16	1.4	0.0	24.8	78
17/05/2024 23:00	1.6	110	19	2.7	0.0	25.3	73
17/05/2024 23:10	1.7	114	19	2.9	0.0	25.8	65
17/05/2024 23:20	1.9	110	17	2.9	0.0	25.7	64
17/05/2024 23:30	2.0	115	13	3.1	0.0	26.2	60
17/05/2024 23:40	2.4	112	12	3.6	0.0	26.2	61
17/05/2024 23:50	1.6	97	23	3.0	0.0	25.0	67
18/05/2024 00:00	2.0	105	18	3.2	0.0	25.0	66
18/05/2024 00:10	2.1	117	13	3.2	0.0	25.9	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/05/2024 00:20	2.5	112	13	3.4	0.0	26.0	59
18/05/2024 00:30	2.2	109	11	3.3	0.0	25.0	63
18/05/2024 00:40	2.3	118	12	3.1	0.0	25.6	60
18/05/2024 00:50	2.0	118	12	3.2	0.0	26.0	58
18/05/2024 01:00	2.0	130	10	3.0	0.0	25.9	58
18/05/2024 01:10	2.0	130	11	2.9	0.0	25.8	56
18/05/2024 01:20	1.9	117	14	3.1	0.0	25.6	57
18/05/2024 01:30	1.2	83	40	2.3	0.0	25.0	61
18/05/2024 01:40	1.3	80	21	2.0	0.0	24.8	60
18/05/2024 01:50	1.6	98	11	2.4	0.0	25.0	58
18/05/2024 02:00	1.7	103	11	2.7	0.0	25.0	57
18/05/2024 02:10	1.4	99	18	2.8	0.0	25.2	56
18/05/2024 02:20	1.1	91	17	1.8	0.0	25.0	57
18/05/2024 02:30	0.6	71	24	1.1	0.0	24.9	57
18/05/2024 02:40	0.8	99	19	1.4	0.0	25.0	58
18/05/2024 02:50	1.2	100	19	2.5	0.0	25.2	57
18/05/2024 03:00	1.5	102	21	2.5	0.0	24.9	57
18/05/2024 03:10	3.2	108	12	5.0	0.0	25.4	50
18/05/2024 03:20	3.7	111	10	5.6	0.0	26.0	48
18/05/2024 03:30	2.8	113	13	4.4	0.0	26.0	48
18/05/2024 03:40	2.1	115	17	4.0	0.0	25.8	48
18/05/2024 03:50	2.5	114	23	5.2	0.0	25.8	47
18/05/2024 04:00	4.4	111	12	7.1	0.0	26.2	46
18/05/2024 04:10	6.0	110	11	9.9	0.0	26.6	43
18/05/2024 04:20	7.0	111	10	10.5	0.0	26.8	42
18/05/2024 04:30	6.9	109	10	10.1	0.0	26.8	43
18/05/2024 04:40	6.9	109	10	10.2	0.0	26.7	43
18/05/2024 04:50	6.8	110	10	9.5	0.0	26.6	43
18/05/2024 05:00	5.6	110	11	8.3	0.0	26.4	44
18/05/2024 05:10	5.8	109	11	9.4	0.0	26.3	45
18/05/2024 05:20	5.0	112	13	8.1	0.0	26.2	45
18/05/2024 05:30	6.2	110	10	9.8	0.0	26.3	44
18/05/2024 05:40	7.3	109	10	10.5	0.0	26.3	43
18/05/2024 05:50	7.3	109	10	11.7	0.0	26.3	43
18/05/2024 06:00	7.0	109	9	10.0	0.0	26.2	43
18/05/2024 06:10	7.0	111	11	10.1	0.0	26.1	44
18/05/2024 06:20	6.6	109	11	9.5	0.0	26.1	44
18/05/2024 06:30	5.5	113	13	9.2	0.0	26.0	44
18/05/2024 06:40	4.9	112	16	8.1	0.0	25.9	45
18/05/2024 06:50	5.4	111	15	9.4	0.0	25.8	45
18/05/2024 07:00	5.9	111	13	9.6	0.0	25.8	44
18/05/2024 07:10	5.5	111	13	9.0	0.0	25.8	45
18/05/2024 07:20	5.9	110	13	10.0	0.0	25.9	44
18/05/2024 07:30	5.7	110	10	8.7	0.0	26.0	44
18/05/2024 07:40	5.7	111	13	10.1	0.0	26.1	43
18/05/2024 07:50	6.3	110	12	9.9	0.0	26.1	43
18/05/2024 08:00	6.1	112	11	9.8	0.0	26.2	44
18/05/2024 08:10	6.4	110	10	10.5	0.0	26.5	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/05/2024 08:20	6.9	111	12	10.6	0.0	26.6	42
18/05/2024 08:30	7.4	111	12	11.5	0.0	27.0	41
18/05/2024 08:40	7.6	110	10	11.2	0.0	27.2	41
18/05/2024 08:50	7.7	109	10	11.5	0.0	27.3	40
18/05/2024 09:00	7.6	108	11	11.9	0.0	27.7	40
18/05/2024 09:10	7.5	106	11	11.2	0.0	27.8	40
18/05/2024 09:20	7.5	108	11	11.4	0.0	28.2	39
18/05/2024 09:30	7.8	105	12	11.2	0.0	28.3	38
18/05/2024 09:40	6.9	106	12	11.8	0.0	28.5	38
18/05/2024 09:50	6.7	104	12	10.1	0.0	28.7	39
18/05/2024 10:00	6.7	98	12	10.2	0.0	29.0	37
18/05/2024 10:10	6.4	101	13	10.1	0.0	29.3	38
18/05/2024 10:20	8.1	90	7	11.4	0.0	29.3	36
18/05/2024 10:30	7.2	90	8	10.1	0.0	29.4	38
18/05/2024 10:40	7.4	88	9	10.2	0.0	29.6	36
18/05/2024 10:50	8.0	86	8	12.3	0.0	29.6	34
18/05/2024 11:00	7.8	88	9	10.9	0.0	29.7	35
18/05/2024 11:10	7.7	87	9	10.6	0.0	29.8	34
18/05/2024 11:20	8.4	89	7	10.9	0.0	29.6	36
18/05/2024 11:30	7.1	87	9	10.5	0.0	29.6	37
18/05/2024 11:40	6.7	85	9	8.8	0.0	29.8	36
18/05/2024 11:50	6.5	80	9	8.9	0.0	30.1	35
18/05/2024 12:00	7.1	72	10	9.8	0.0	29.7	37
18/05/2024 12:10	7.4	71	7	10.4	0.0	29.4	38
18/05/2024 12:20	7.5	79	9	10.0	0.0	29.4	38
18/05/2024 12:30	7.9	80	8	11.4	0.0	29.6	36
18/05/2024 12:40	7.3	81	8	10.6	0.0	29.6	36
18/05/2024 12:50	7.8	83	8	11.3	0.0	29.5	35
18/05/2024 13:00	6.6	82	10	10.0	0.0	29.9	35
18/05/2024 13:10	6.1	59	10	8.7	0.0	30.1	36
18/05/2024 13:20	6.8	61	7	9.4	0.0	29.8	36
18/05/2024 13:30	6.6	60	7	9.3	0.0	30.0	34
18/05/2024 13:40	6.3	64	10	8.9	0.0	30.3	32
18/05/2024 13:50	6.8	63	9	9.2	0.0	30.4	30
18/05/2024 14:00	7.0	62	10	9.8	0.0	30.5	31
18/05/2024 14:10	7.1	56	9	9.2	0.0	30.0	35
18/05/2024 14:20	7.0	55	8	9.2	0.0	30.1	33
18/05/2024 14:30	7.2	56	7	10.0	0.0	29.9	35
18/05/2024 14:40	7.2	54	7	9.0	0.0	29.9	37
18/05/2024 14:50	6.8	56	8	9.1	0.0	30.1	36
18/05/2024 15:00	7.2	57	6	9.3	0.0	30.0	35
18/05/2024 15:10	6.4	57	8	8.4	0.0	30.1	34
18/05/2024 15:20	6.1	59	8	8.3	0.0	30.3	33
18/05/2024 15:30	5.8	59	8	8.0	0.0	30.2	33
18/05/2024 15:40	6.5	59	8	8.3	0.0	30.0	34
18/05/2024 15:50	6.1	55	8	8.2	0.0	29.9	33
18/05/2024 16:00	6.2	58	7	8.0	0.0	29.9	34
18/05/2024 16:10	6.4	57	7	8.0	0.0	29.9	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/05/2024 16:20	6.5	59	7	8.7	0.0	30.0	32
18/05/2024 16:30	6.0	60	8	8.3	0.0	29.8	33
18/05/2024 16:40	6.6	58	7	8.3	0.0	29.5	34
18/05/2024 16:50	5.8	59	7	7.6	0.0	29.4	36
18/05/2024 17:00	5.5	55	7	7.4	0.0	29.1	38
18/05/2024 17:10	5.3	58	7	8.0	0.0	29.0	38
18/05/2024 17:20	4.9	62	7	6.5	0.0	28.8	39
18/05/2024 17:30	4.6	60	7	6.3	0.0	28.4	41
18/05/2024 17:40	4.1	59	8	5.3	0.0	28.2	42
18/05/2024 17:50	3.6	63	7	5.2	0.0	27.9	44
18/05/2024 18:00	3.5	63	7	4.8	0.0	27.6	48
18/05/2024 18:10	3.0	62	7	4.1	0.0	27.2	51
18/05/2024 18:20	2.5	74	8	3.3	0.0	27.0	53
18/05/2024 18:30	2.9	76	6	3.7	0.0	27.0	55
18/05/2024 18:40	1.6	60	9	2.4	0.0	26.4	57
18/05/2024 18:50	2.1	99	9	2.8	0.0	26.6	60
18/05/2024 19:00	1.9	90	7	2.5	0.0	26.4	68
18/05/2024 19:10	1.2	74	11	1.9	0.0	25.6	68
18/05/2024 19:20	1.5	89	14	2.1	0.0	25.7	70
18/05/2024 19:30	1.4	85	8	1.8	0.0	25.3	71
18/05/2024 19:40	1.4	76	4	1.7	0.0	25.2	70
18/05/2024 19:50	1.8	87	5	2.2	0.0	25.2	70
18/05/2024 20:00	1.8	69	8	2.3	0.0	25.2	73
18/05/2024 20:10	1.7	72	9	2.6	0.0	25.1	74
18/05/2024 20:20	1.7	69	8	2.4	0.0	25.1	76
18/05/2024 20:30	1.6	68	8	2.3	0.0	25.0	78
18/05/2024 20:40	1.8	69	7	2.3	0.0	24.8	79
18/05/2024 20:50	2.2	69	6	2.7	0.0	24.6	81
18/05/2024 21:00	1.9	70	10	2.6	0.0	24.4	81
18/05/2024 21:10	1.7	71	6	2.1	0.0	24.2	81
18/05/2024 21:20	2.0	66	12	2.8	0.0	24.1	79
18/05/2024 21:30	2.0	64	5	2.5	0.0	24.1	77
18/05/2024 21:40	2.0	59	5	2.4	0.0	23.8	76
18/05/2024 21:50	2.5	59	3	3.1	0.0	23.7	78
18/05/2024 22:00	3.0	59	3	3.4	0.0	23.8	81
18/05/2024 22:10	2.4	63	7	3.2	0.0	23.5	82
18/05/2024 22:20	3.0	60	4	3.6	0.0	23.5	80
18/05/2024 22:30	3.6	62	6	4.9	0.0	23.7	78
18/05/2024 22:40	4.2	74	7	5.9	0.0	25.2	59
18/05/2024 22:50	5.0	80	8	7.4	0.0	26.5	47
18/05/2024 23:00	6.1	84	7	9.3	0.0	27.1	41
18/05/2024 23:10	6.0	85	5	8.0	0.0	27.1	39
18/05/2024 23:20	6.1	86	6	8.8	0.0	27.1	41
18/05/2024 23:30	5.8	87	6	8.8	0.0	26.9	41
18/05/2024 23:40	5.9	92	8	8.5	0.0	27.1	40
18/05/2024 23:50	5.5	98	11	7.5	0.0	27.2	40
19/05/2024 00:00	6.3	92	9	9.4	0.0	27.2	39
19/05/2024 00:10	6.1	99	12	8.7	0.0	27.1	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/05/2024 00:20	6.7	103	13	10.7	0.0	27.1	39
19/05/2024 00:30	6.5	104	11	9.5	0.0	27.1	39
19/05/2024 00:40	7.2	107	11	10.9	0.0	27.1	38
19/05/2024 00:50	7.6	108	11	11.8	0.0	27.0	38
19/05/2024 01:00	7.7	110	11	11.7	0.0	26.8	38
19/05/2024 01:10	7.5	108	11	10.9	0.0	26.8	38
19/05/2024 01:20	7.8	109	11	11.6	0.0	26.7	37
19/05/2024 01:30	8.0	109	11	11.4	0.0	26.5	38
19/05/2024 01:40	7.1	110	11	10.1	0.0	26.3	39
19/05/2024 01:50	7.5	109	10	11.1	0.0	26.1	39
19/05/2024 02:00	7.4	110	10	11.3	0.0	26.1	39
19/05/2024 02:10	7.5	110	9	10.7	0.0	26.0	39
19/05/2024 02:20	7.8	109	9	11.7	0.0	25.8	39
19/05/2024 02:30	7.4	110	10	11.2	0.0	25.7	38
19/05/2024 02:40	7.5	109	11	10.9	0.0	25.6	38
19/05/2024 02:50	7.3	109	12	10.8	0.0	25.6	38
19/05/2024 03:00	8.5	108	11	12.2	0.0	25.6	38
19/05/2024 03:10	8.4	108	9	13.1	0.0	25.5	37
19/05/2024 03:20	7.6	110	10	11.9	0.0	25.3	39
19/05/2024 03:30	7.5	107	10	12.4	0.0	25.3	38
19/05/2024 03:40	7.3	106	11	10.9	0.0	25.3	38
19/05/2024 03:50	7.6	109	12	12.9	0.0	25.1	37
19/05/2024 04:00	7.3	108	11	11.2	0.0	25.1	38
19/05/2024 04:10	7.1	109	10	11.0	0.0	24.9	39
19/05/2024 04:20	7.5	108	12	13.2	0.0	25.0	37
19/05/2024 04:30	7.3	108	12	10.6	0.0	25.0	38
19/05/2024 04:40	7.3	108	10	10.9	0.0	24.7	38
19/05/2024 04:50	7.3	108	11	11.6	0.0	24.7	38
19/05/2024 05:00	7.6	109	10	11.1	0.0	24.6	37
19/05/2024 05:10	7.0	109	11	10.6	0.0	24.5	38
19/05/2024 05:20	8.1	110	10	11.1	0.0	24.4	37
19/05/2024 05:30	8.5	110	10	12.8	0.0	24.4	37
19/05/2024 05:40	7.2	107	11	11.3	0.0	24.2	39
19/05/2024 05:50	7.1	107	11	10.8	0.0	24.1	39
19/05/2024 06:00	8.2	112	11	11.9	0.0	24.1	37
19/05/2024 06:10	8.7	110	11	12.7	0.0	24.0	37
19/05/2024 06:20	9.1	109	10	14.2	0.0	24.0	35
19/05/2024 06:30	8.0	109	11	11.7	0.0	23.9	37
19/05/2024 06:40	9.1	109	11	12.8	0.0	23.9	35
19/05/2024 06:50	7.0	109	11	11.3	0.0	23.9	37
19/05/2024 07:00	8.3	109	10	12.5	0.0	23.9	35
19/05/2024 07:10	8.3	111	10	12.7	0.0	23.9	34
19/05/2024 07:20	8.1	112	11	12.9	0.0	23.9	36
19/05/2024 07:30	8.0	108	10	12.1	0.0	24.0	36
19/05/2024 07:40	8.1	109	10	12.1	0.0	24.1	36
19/05/2024 07:50	8.4	108	10	12.3	0.0	24.3	35
19/05/2024 08:00	7.8	107	11	11.2	0.0	24.4	34
19/05/2024 08:10	6.4	104	12	9.6	0.0	24.7	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/05/2024 08:20	7.1	105	12	12.3	0.0	25.0	34
19/05/2024 08:30	7.4	104	11	11.2	0.0	25.2	32
19/05/2024 08:40	7.0	105	12	12.0	0.0	25.3	32
19/05/2024 08:50	7.0	104	13	10.0	0.0	25.4	31
19/05/2024 09:00	7.1	102	12	9.9	0.0	25.7	32
19/05/2024 09:10	7.0	101	12	10.8	0.0	26.0	31
19/05/2024 09:20	8.0	95	12	11.9	0.0	26.2	30
19/05/2024 09:30	8.9	92	9	13.5	0.0	26.3	28
19/05/2024 09:40	8.1	90	9	11.3	0.0	26.5	28
19/05/2024 09:50	8.0	90	8	11.0	0.0	26.7	27
19/05/2024 10:00	7.9	94	10	11.3	0.0	26.4	28
19/05/2024 10:10	7.4	94	11	11.4	0.0	26.7	28
19/05/2024 10:20	7.8	89	8	11.0	0.0	27.0	28
19/05/2024 10:30	8.0	91	9	11.8	0.0	27.0	29
19/05/2024 10:40	8.6	91	8	11.8	0.0	27.2	28
19/05/2024 10:50	9.1	90	6	12.9	0.0	27.3	27
19/05/2024 11:00	8.3	87	8	11.3	0.0	27.5	26
19/05/2024 11:10	8.4	88	8	11.3	0.0	27.6	27
19/05/2024 11:20	8.1	86	8	11.7	0.0	27.7	27
19/05/2024 11:30	7.9	88	7	10.6	0.0	27.8	28
19/05/2024 11:40	7.7	86	7	10.3	0.0	27.9	28
19/05/2024 11:50	7.7	83	8	10.7	0.0	28.2	27
19/05/2024 12:00	8.2	84	7	10.8	0.0	28.0	26
19/05/2024 12:10	7.5	86	7	10.4	0.0	28.2	27
19/05/2024 12:20	7.8	84	7	10.8	0.0	28.2	27
19/05/2024 12:30	7.5	81	9	10.5	0.0	28.4	25
19/05/2024 12:40	7.4	82	8	9.9	0.0	28.6	26
19/05/2024 12:50	7.9	77	8	10.1	0.0	27.9	30
19/05/2024 13:00	6.8	80	9	9.7	0.0	28.3	31
19/05/2024 13:10	7.9	84	6	10.8	0.0	28.3	28
19/05/2024 13:20	7.4	82	8	10.1	0.0	28.3	27
19/05/2024 13:30	6.9	68	11	9.0	0.0	28.7	28
19/05/2024 13:40	7.5	61	7	10.1	0.0	28.4	28
19/05/2024 13:50	7.2	58	7	10.6	0.0	28.4	29
19/05/2024 14:00	7.9	64	7	10.1	0.0	28.1	30
19/05/2024 14:10	7.6	63	8	10.1	0.0	28.1	30
19/05/2024 14:20	7.8	57	5	10.5	0.0	28.2	29
19/05/2024 14:30	7.5	61	8	9.5	0.0	28.4	27
19/05/2024 14:40	6.5	59	10	9.0	0.0	28.6	28
19/05/2024 14:50	6.5	62	8	9.1	0.0	28.5	28
19/05/2024 15:00	6.2	63	8	8.5	0.0	28.4	30
19/05/2024 15:10	6.0	55	7	8.1	0.0	28.6	28
19/05/2024 15:20	5.6	58	8	7.8	0.0	28.5	30
19/05/2024 15:30	5.4	50	8	7.1	0.0	28.5	28
19/05/2024 15:40	5.1	48	8	7.1	0.0	28.6	27
19/05/2024 15:50	5.8	53	8	7.4	0.0	28.6	25
19/05/2024 16:00	5.5	53	7	7.6	0.0	28.7	24
19/05/2024 16:10	5.6	53	6	7.2	0.0	28.6	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/05/2024 16:20	5.5	55	5	7.3	0.0	28.6	23
19/05/2024 16:30	5.1	59	8	7.0	0.0	28.6	23
19/05/2024 16:40	5.4	54	8	7.2	0.0	28.6	24
19/05/2024 16:50	4.7	55	8	6.8	0.0	28.6	23
19/05/2024 17:00	4.1	58	7	5.4	0.0	28.5	24
19/05/2024 17:10	4.6	53	7	6.6	0.0	28.3	23
19/05/2024 17:20	4.2	54	7	6.0	0.0	28.1	23
19/05/2024 17:30	3.7	55	5	4.7	0.0	27.5	28
19/05/2024 17:40	3.2	50	5	4.1	0.0	26.8	35
19/05/2024 17:50	3.3	43	4	4.0	0.0	26.3	38
19/05/2024 18:00	3.0	42	7	3.8	0.0	26.0	36
19/05/2024 18:10	2.9	46	4	3.4	0.0	25.7	38
19/05/2024 18:20	2.9	46	4	3.4	0.0	25.6	38
19/05/2024 18:30	3.0	49	4	3.6	0.0	25.1	45
19/05/2024 18:40	2.7	51	4	3.2	0.0	24.9	47
19/05/2024 18:50	2.3	56	5	2.7	0.0	24.7	45
19/05/2024 19:00	1.8	62	6	2.1	0.0	24.6	45
19/05/2024 19:10	1.2	62	8	1.6	0.0	24.4	47
19/05/2024 19:20	1.1	82	11	1.6	0.0	24.4	49
19/05/2024 19:30	1.3	78	5	1.6	0.0	24.4	49
19/05/2024 19:40	1.5	75	8	2.3	0.0	24.1	52
19/05/2024 19:50	2.1	70	8	2.8	0.0	23.9	57
19/05/2024 20:00	1.6	63	9	2.2	0.0	24.1	59
19/05/2024 20:10	1.4	59	5	1.8	0.0	24.1	61
19/05/2024 20:20	0.8	82	11	1.2	0.0	23.9	63
19/05/2024 20:30	1.2	97	11	1.7	0.0	24.2	64
19/05/2024 20:40	1.4	100	10	1.7	0.0	23.6	64
19/05/2024 20:50	1.3	74	22	2.0	0.0	23.4	67
19/05/2024 21:00	0.7	36	37	1.3	0.0	22.8	68
19/05/2024 21:10	0.8	60	33	1.5	0.0	23.4	70
19/05/2024 21:20	0.8	52	26	1.6	0.0	23.5	69
19/05/2024 21:30	0.9	69	20	1.4	0.0	23.5	71
19/05/2024 21:40	1.0	80	20	1.8	0.0	23.4	72
19/05/2024 21:50	1.1	83	15	1.7	0.0	23.5	76
19/05/2024 22:00	1.0	98	17	1.6	0.0	23.4	79
19/05/2024 22:10	1.7	118	12	2.8	0.0	23.7	78
19/05/2024 22:20	1.6	116	10	2.3	0.0	24.0	72
19/05/2024 22:30	1.9	122	14	3.0	0.0	24.0	65
19/05/2024 22:40	2.0	122	12	3.0	0.0	24.4	59
19/05/2024 22:50	2.4	117	9	3.7	0.0	24.5	59
19/05/2024 23:00	2.4	117	11	3.5	0.0	24.2	64
19/05/2024 23:10	2.2	122	13	3.3	0.0	24.2	62
19/05/2024 23:20	2.1	119	16	3.2	0.0	24.2	57
19/05/2024 23:30	2.9	112	11	4.2	0.0	24.1	61
19/05/2024 23:40	3.5	113	11	5.4	0.0	24.4	55
19/05/2024 23:50	3.7	113	10	5.3	0.0	24.6	53
20/05/2024 00:00	3.8	112	10	5.3	0.0	24.5	51
20/05/2024 00:10	4.0	112	11	6.0	0.0	24.6	50



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/05/2024 00:20	4.4	109	11	7.2	0.0	24.9	44
20/05/2024 00:30	4.4	108	13	7.0	0.0	25.2	40
20/05/2024 00:40	4.2	105	13	6.5	0.0	25.1	41
20/05/2024 00:50	4.3	102	12	7.1	0.0	24.9	40
20/05/2024 01:00	4.1	103	12	6.6	0.0	24.7	41
20/05/2024 01:10	4.5	102	12	6.5	0.0	24.7	40
20/05/2024 01:20	4.7	101	12	6.6	0.0	24.7	39
20/05/2024 01:30	4.8	103	11	7.6	0.0	24.7	39
20/05/2024 01:40	5.2	101	11	9.0	0.0	24.7	39
20/05/2024 01:50	4.9	101	12	7.4	0.0	24.6	39
20/05/2024 02:00	5.0	101	13	8.2	0.0	24.6	40
20/05/2024 02:10	5.7	104	11	9.0	0.0	24.6	40
20/05/2024 02:20	5.7	103	11	8.6	0.0	24.7	39
20/05/2024 02:30	5.7	105	12	9.8	0.0	24.7	40
20/05/2024 02:40	5.6	106	12	8.3	0.0	24.6	41
20/05/2024 02:50	6.6	109	10	9.2	0.0	24.5	40
20/05/2024 03:00	6.4	110	10	9.0	0.0	24.3	41
20/05/2024 03:10	6.9	109	11	10.2	0.0	24.4	41
20/05/2024 03:20	6.6	109	11	10.4	0.0	24.4	41
20/05/2024 03:30	6.7	110	11	10.2	0.0	24.4	41
20/05/2024 03:40	6.6	107	10	10.3	0.0	24.3	41
20/05/2024 03:50	7.2	108	10	11.9	0.0	24.2	40
20/05/2024 04:00	6.5	109	12	10.2	0.0	24.1	41
20/05/2024 04:10	7.7	109	10	10.9	0.0	24.1	39
20/05/2024 04:20	6.7	107	12	10.2	0.0	23.9	40
20/05/2024 04:30	7.7	110	11	11.8	0.0	23.9	39
20/05/2024 04:40	7.7	109	10	11.6	0.0	23.8	39
20/05/2024 04:50	7.5	110	10	11.5	0.0	23.8	39
20/05/2024 05:00	7.5	111	13	11.4	0.0	23.7	39
20/05/2024 05:10	7.2	109	10	10.7	0.0	23.7	41
20/05/2024 05:20	6.7	109	10	10.0	0.0	23.7	40
20/05/2024 05:30	7.1	107	11	10.5	0.0	23.6	40
20/05/2024 05:40	7.7	108	10	12.2	0.0	23.7	39
20/05/2024 05:50	7.8	110	10	11.0	0.0	23.7	38
20/05/2024 06:00	7.6	108	11	11.4	0.0	23.6	40
20/05/2024 06:10	8.1	109	10	11.4	0.0	23.6	38
20/05/2024 06:20	7.7	110	10	11.5	0.0	23.6	38
20/05/2024 06:30	8.1	109	10	12.6	0.0	23.6	38
20/05/2024 06:40	7.9	109	10	10.9	0.0	23.6	38
20/05/2024 06:50	7.5	108	10	12.4	0.0	23.5	37
20/05/2024 07:00	6.6	108	11	9.9	0.0	23.5	38
20/05/2024 07:10	7.6	110	11	12.9	0.0	23.7	36
20/05/2024 07:20	7.7	109	10	11.3	0.0	23.6	36
20/05/2024 07:30	6.4	108	10	10.0	0.0	23.7	38
20/05/2024 07:40	7.7	109	12	12.0	0.0	23.8	37
20/05/2024 07:50	7.6	105	10	12.7	0.0	23.9	36
20/05/2024 08:00	8.1	109	10	13.3	0.0	24.0	35
20/05/2024 08:10	8.4	107	12	13.3	0.0	24.1	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/05/2024 08:20	7.9	106	12	11.9	0.0	24.2	36
20/05/2024 08:30	7.4	103	11	11.2	0.0	24.5	35
20/05/2024 08:40	7.4	100	12	10.8	0.0	24.7	34
20/05/2024 08:50	7.5	97	11	10.8	0.0	24.9	35
20/05/2024 09:00	8.4	93	9	12.8	0.0	25.0	34
20/05/2024 09:10	9.7	93	9	13.5	0.0	25.1	34
20/05/2024 09:20	9.6	91	7	13.2	0.0	25.1	34
20/05/2024 09:30	9.3	91	7	13.7	0.0	25.3	34
20/05/2024 09:40	10.0	92	7	14.2	0.0	25.5	35
20/05/2024 09:50	9.5	91	7	13.4	0.0	25.8	35
20/05/2024 10:00	8.7	92	9	13.0	0.0	26.1	36
20/05/2024 10:10	9.2	89	8	12.9	0.0	26.4	35
20/05/2024 10:20	9.2	89	8	13.1	0.0	26.6	34
20/05/2024 10:30	8.5	88	7	11.9	0.0	26.9	35
20/05/2024 10:40	9.6	88	8	13.3	0.0	26.7	34
20/05/2024 10:50	8.7	88	8	12.6	0.0	27.0	34
20/05/2024 11:00	8.8	83	8	13.4	0.0	27.0	33
20/05/2024 11:10	9.3	85	8	12.8	0.0	27.0	34
20/05/2024 11:20	9.1	86	8	12.8	0.0	27.0	34
20/05/2024 11:30	9.2	84	7	13.5	0.0	27.1	32
20/05/2024 11:40	8.9	87	7	12.4	0.0	27.2	33
20/05/2024 11:50	8.4	86	8	11.3	0.0	27.4	33
20/05/2024 12:00	9.0	84	8	12.5	0.0	27.4	32
20/05/2024 12:10	8.5	84	7	12.1	0.0	27.7	32
20/05/2024 12:20	8.6	79	8	12.8	0.0	27.7	31
20/05/2024 12:30	8.2	80	8	10.8	0.0	27.7	32
20/05/2024 12:40	7.7	81	9	11.4	0.0	27.8	32
20/05/2024 12:50	7.4	78	9	10.4	0.0	28.1	33
20/05/2024 13:00	8.6	76	7	11.8	0.0	27.8	32
20/05/2024 13:10	9.5	75	6	11.9	0.0	27.4	32
20/05/2024 13:20	8.3	83	7	11.1	0.0	27.9	33
20/05/2024 13:30	7.8	83	7	10.9	0.0	28.3	32
20/05/2024 13:40	7.5	76	8	11.2	0.0	28.5	31
20/05/2024 13:50	7.5	71	8	10.1	0.0	28.4	32
20/05/2024 14:00	7.5	66	8	10.4	0.0	28.4	32
20/05/2024 14:10	7.9	64	7	10.9	0.0	28.2	32
20/05/2024 14:20	7.9	62	8	11.0	0.0	28.1	33
20/05/2024 14:30	9.0	64	6	11.5	0.0	27.5	36
20/05/2024 14:40	8.3	65	7	10.5	0.0	27.7	36
20/05/2024 14:50	8.2	67	7	10.7	0.0	27.7	35
20/05/2024 15:00	8.3	65	8	10.5	0.0	27.6	35
20/05/2024 15:10	8.1	71	7	10.6	0.0	27.6	34
20/05/2024 15:20	7.6	64	9	10.0	0.0	27.5	38
20/05/2024 15:30	7.6	66	8	10.2	0.0	27.5	38
20/05/2024 15:40	8.1	70	6	10.0	0.0	27.2	38
20/05/2024 15:50	6.7	62	9	9.2	0.0	27.4	39
20/05/2024 16:00	7.0	64	8	9.5	0.0	27.4	40
20/05/2024 16:10	6.7	63	7	9.0	0.0	27.2	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/05/2024 16:20	7.1	72	7	9.0	0.0	27.0	40
20/05/2024 16:30	7.2	69	9	9.5	0.0	26.9	40
20/05/2024 16:40	6.9	67	8	9.1	0.0	26.7	42
20/05/2024 16:50	6.6	65	7	9.2	0.0	26.6	43
20/05/2024 17:00	6.1	66	8	8.2	0.0	26.6	42
20/05/2024 17:10	6.2	63	7	8.2	0.0	26.3	43
20/05/2024 17:20	6.3	64	7	8.2	0.0	26.1	45
20/05/2024 17:30	4.9	65	7	6.6	0.0	25.9	46
20/05/2024 17:40	4.3	61	7	6.0	0.0	25.5	50
20/05/2024 17:50	3.6	60	7	5.0	0.0	25.2	51
20/05/2024 18:00	3.1	63	7	4.5	0.0	25.1	52
20/05/2024 18:10	3.1	60	7	4.4	0.0	24.8	53
20/05/2024 18:20	2.3	57	8	3.4	0.0	24.7	54
20/05/2024 18:30	2.4	57	7	3.4	0.0	24.4	56
20/05/2024 18:40	2.0	57	7	2.8	0.0	24.3	58
20/05/2024 18:50	2.2	62	8	3.1	0.0	24.0	59
20/05/2024 19:00	2.2	55	6	3.0	0.0	23.9	60
20/05/2024 19:10	2.5	51	4	3.0	0.0	23.7	63
20/05/2024 19:20	2.5	55	2	2.7	0.0	23.6	63
20/05/2024 19:30	2.4	55	2	2.6	0.0	23.4	64
20/05/2024 19:40	2.4	54	2	2.7	0.0	23.2	64
20/05/2024 19:50	2.4	57	3	2.7	0.0	23.6	64
20/05/2024 20:00	2.3	64	4	2.6	0.0	23.6	64
20/05/2024 20:10	1.9	58	3	2.2	0.0	23.6	64
20/05/2024 20:20	1.7	54	4	2.0	0.0	23.6	63
20/05/2024 20:30	1.4	56	4	1.7	0.0	23.6	63
20/05/2024 20:40	0.8	56	8	1.2	0.0	23.2	65
20/05/2024 20:50	1.2	58	5	1.6	0.0	23.1	65
20/05/2024 21:00	1.1	46	6	1.4	0.0	23.3	64
20/05/2024 21:10	1.4	50	4	1.7	0.0	23.4	64
20/05/2024 21:20	1.0	44	11	1.2	0.0	22.8	65
20/05/2024 21:30	0.5	14	25	0.9	0.0	22.6	67
20/05/2024 21:40	0.6	61	29	1.0	0.0	22.7	67
20/05/2024 21:50	0.6	71	18	0.9	0.0	23.0	68
20/05/2024 22:00	0.6	108	41	1.3	0.0	23.1	69
20/05/2024 22:10	1.4	125	16	2.2	0.0	23.4	73
20/05/2024 22:20	1.7	126	14	2.7	0.0	23.3	74
20/05/2024 22:30	1.6	120	16	2.2	0.0	23.0	74
20/05/2024 22:40	2.0	122	12	3.1	0.0	22.9	72
20/05/2024 22:50	2.1	124	13	3.2	0.0	22.9	68
20/05/2024 23:00	2.0	122	13	2.9	0.0	23.0	66
20/05/2024 23:10	2.0	116	12	2.9	0.0	23.0	65
20/05/2024 23:20	2.0	121	9	2.9	0.0	22.9	66
20/05/2024 23:30	2.1	118	10	3.1	0.0	23.1	65
20/05/2024 23:40	2.2	119	11	3.1	0.0	23.0	65
20/05/2024 23:50	2.1	124	11	3.4	0.0	23.0	64
21/05/2024 00:00	2.0	125	12	3.0	0.0	23.1	62
21/05/2024 00:10	2.3	117	15	3.6	0.0	23.1	63



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/05/2024 00:20	2.4	114	12	3.5	0.0	22.9	65
21/05/2024 00:30	2.5	112	12	3.7	0.0	22.6	67
21/05/2024 00:40	2.3	117	13	3.1	0.0	22.5	68
21/05/2024 00:50	2.1	120	13	3.1	0.0	22.3	69
21/05/2024 01:00	2.0	126	16	3.1	0.0	22.2	69
21/05/2024 01:10	2.1	118	14	3.1	0.0	22.1	69
21/05/2024 01:20	2.5	110	15	3.8	0.0	21.8	71
21/05/2024 01:30	2.9	112	14	4.4	0.0	22.1	70
21/05/2024 01:40	2.4	105	17	4.3	0.0	21.7	70
21/05/2024 01:50	2.2	104	19	4.1	0.0	21.6	70
21/05/2024 02:00	2.0	86	13	3.4	0.0	21.3	70
21/05/2024 02:10	2.8	106	15	4.7	0.0	22.0	64
21/05/2024 02:20	3.9	101	13	6.1	0.0	22.8	55
21/05/2024 02:30	4.9	93	10	7.9	0.0	23.2	47
21/05/2024 02:40	4.8	92	9	7.4	0.0	23.3	44
21/05/2024 02:50	5.3	93	11	8.0	0.0	23.5	43
21/05/2024 03:00	4.6	103	12	7.3	0.0	23.5	41
21/05/2024 03:10	4.0	111	12	6.7	0.0	23.3	41
21/05/2024 03:20	4.2	108	13	6.8	0.0	23.3	39
21/05/2024 03:30	3.9	111	12	6.0	0.0	23.0	41
21/05/2024 03:40	4.0	115	10	5.9	0.0	22.7	41
21/05/2024 03:50	3.5	113	11	5.6	0.0	22.6	39
21/05/2024 04:00	3.4	104	12	5.6	0.0	22.5	37
21/05/2024 04:10	3.7	101	11	5.6	0.0	22.5	37
21/05/2024 04:20	4.6	108	11	6.6	0.0	22.5	37
21/05/2024 04:30	4.7	110	11	7.2	0.0	22.4	37
21/05/2024 04:40	3.8	112	13	6.1	0.0	22.1	39
21/05/2024 04:50	3.1	113	15	5.7	0.0	21.8	39
21/05/2024 05:00	2.9	113	16	5.4	0.0	21.4	42
21/05/2024 05:10	3.3	113	14	6.0	0.0	21.5	40
21/05/2024 05:20	3.3	113	16	6.6	0.0	21.5	40
21/05/2024 05:30	3.2	113	17	6.2	0.0	21.5	40
21/05/2024 05:40	3.9	115	15	7.3	0.0	21.7	38
21/05/2024 05:50	4.1	111	16	7.7	0.0	21.8	37
21/05/2024 06:00	3.1	114	24	5.3	0.0	21.7	38
21/05/2024 06:10	2.7	126	24	6.0	0.0	21.4	38
21/05/2024 06:20	3.0	140	18	6.4	0.0	21.3	36
21/05/2024 06:30	2.8	133	25	5.7	0.0	21.3	36
21/05/2024 06:40	3.0	132	19	6.5	0.0	21.3	35
21/05/2024 06:50	2.6	125	25	6.5	0.0	21.1	37
21/05/2024 07:00	3.1	114	20	6.8	0.0	21.4	38
21/05/2024 07:10	2.9	121	21	5.4	0.0	21.8	36
21/05/2024 07:20	2.6	131	25	5.4	0.0	21.9	34
21/05/2024 07:30	3.0	121	23	6.1	0.0	22.1	35
21/05/2024 07:40	4.5	112	13	8.0	0.0	22.3	33
21/05/2024 07:50	5.6	113	11	8.3	0.0	22.5	32
21/05/2024 08:00	6.7	112	12	9.3	0.0	22.7	31
21/05/2024 08:10	7.0	110	10	10.1	0.0	22.9	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/05/2024 08:20	6.6	108	10	10.0	0.0	23.2	30
21/05/2024 08:30	7.2	112	10	10.6	0.0	23.4	29
21/05/2024 08:40	7.6	108	12	11.2	0.0	23.9	26
21/05/2024 08:50	7.9	111	12	12.8	0.0	24.1	25
21/05/2024 09:00	8.0	105	12	12.5	0.0	24.4	24
21/05/2024 09:10	8.0	99	12	13.1	0.0	24.7	23
21/05/2024 09:20	9.6	95	10	13.7	0.0	24.7	22
21/05/2024 09:30	10.3	93	9	14.1	0.0	24.5	22
21/05/2024 09:40	9.6	90	8	14.6	0.0	24.6	21
21/05/2024 09:50	10.3	89	7	13.5	0.0	24.6	21
21/05/2024 10:00	9.9	90	7	13.7	0.0	24.6	22
21/05/2024 10:10	9.4	90	7	12.4	0.0	24.8	23
21/05/2024 10:20	9.9	91	7	13.3	0.0	24.8	23
21/05/2024 10:30	9.7	91	8	12.9	0.0	24.8	24
21/05/2024 10:40	9.7	91	7	12.8	0.0	25.1	22
21/05/2024 10:50	9.1	90	7	12.8	0.0	25.2	23
21/05/2024 11:00	7.7	96	10	11.6	0.0	25.8	24
21/05/2024 11:10	8.3	100	11	12.5	0.0	25.7	25
21/05/2024 11:20	8.9	91	9	13.1	0.0	25.8	22
21/05/2024 11:30	9.0	93	8	13.5	0.0	25.8	23
21/05/2024 11:40	8.3	93	10	13.2	0.0	26.1	23
21/05/2024 11:50	8.1	97	10	13.3	0.0	26.1	23
21/05/2024 12:00	9.2	87	9	12.9	0.0	26.1	21
21/05/2024 12:10	8.7	84	8	12.4	0.0	26.2	20
21/05/2024 12:20	8.6	88	9	11.6	0.0	26.2	22
21/05/2024 12:30	9.1	85	8	12.5	0.0	26.4	19
21/05/2024 12:40	8.9	83	9	12.8	0.0	26.4	18
21/05/2024 12:50	8.7	81	7	11.9	0.0	26.5	18
21/05/2024 13:00	8.5	82	8	12.8	0.0	25.9	19
21/05/2024 13:10	8.3	82	7	12.1	0.0	25.5	20
21/05/2024 13:20	7.6	82	9	10.9	0.0	25.4	22
21/05/2024 13:30	7.9	77	7	11.3	0.0	25.4	22
21/05/2024 13:40	7.2	77	8	10.6	0.0	25.7	24
21/05/2024 13:50	8.0	80	8	10.8	0.0	26.3	22
21/05/2024 14:00	8.1	76	9	11.0	0.0	26.9	20
21/05/2024 14:10	7.5	73	9	9.9	0.0	27.0	21
21/05/2024 14:20	8.4	63	8	11.3	0.0	26.6	22
21/05/2024 14:30	8.4	65	7	12.0	0.0	26.5	25
21/05/2024 14:40	10.1	67	6	13.6	0.0	26.2	25
21/05/2024 14:50	9.3	69	8	13.6	0.0	26.3	24
21/05/2024 15:00	9.3	65	8	12.2	0.0	26.3	23
21/05/2024 15:10	9.2	67	7	12.3	0.0	26.3	23
21/05/2024 15:20	8.6	65	7	11.7	0.0	26.2	24
21/05/2024 15:30	8.5	62	8	11.3	0.0	26.1	26
21/05/2024 15:40	8.6	62	8	11.0	0.0	26.0	27
21/05/2024 15:50	8.1	67	8	10.4	0.0	25.9	26
21/05/2024 16:00	7.5	64	7	10.4	0.0	25.9	28
21/05/2024 16:10	7.7	67	7	10.1	0.0	25.7	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/05/2024 16:20	6.8	67	7	9.8	0.0	25.6	30
21/05/2024 16:30	5.9	67	8	8.2	0.0	25.6	31
21/05/2024 16:40	5.7	61	9	7.6	0.0	25.5	32
21/05/2024 16:50	5.7	67	7	7.5	0.0	25.4	33
21/05/2024 17:00	5.7	63	8	7.5	0.0	25.4	32
21/05/2024 17:10	5.4	66	7	7.2	0.0	25.3	33
21/05/2024 17:20	5.2	63	8	7.5	0.0	25.1	35
21/05/2024 17:30	4.9	67	9	6.4	0.0	25.0	34
21/05/2024 17:40	4.8	66	8	6.7	0.0	24.8	35
21/05/2024 17:50	4.0	68	7	5.4	0.0	24.6	36
21/05/2024 18:00	3.8	61	7	5.2	0.0	24.4	37
21/05/2024 18:10	3.6	61	6	5.3	0.0	24.0	40
21/05/2024 18:20	3.5	59	6	4.9	0.0	23.8	43
21/05/2024 18:30	3.4	61	7	4.9	0.0	23.7	44
21/05/2024 18:40	3.2	57	5	4.4	0.0	23.6	45
21/05/2024 18:50	3.0	56	5	4.3	0.0	23.2	48
21/05/2024 19:00	2.6	55	5	3.6	0.0	23.0	50
21/05/2024 19:10	2.4	57	6	3.5	0.0	22.9	51
21/05/2024 19:20	2.4	54	4	2.8	0.0	22.7	51
21/05/2024 19:30	2.0	54	4	2.7	0.0	22.6	51
21/05/2024 19:40	1.9	54	4	2.3	0.0	22.8	51
21/05/2024 19:50	1.7	50	4	2.1	0.0	23.0	51
21/05/2024 20:00	1.6	59	4	2.0	0.0	22.9	52
21/05/2024 20:10	1.3	77	8	1.6	0.0	22.5	53
21/05/2024 20:20	0.7	147	35	1.2	0.0	22.2	54
21/05/2024 20:30	0.9	209	9	1.2	0.0	22.2	56
21/05/2024 20:40	0.6	263	23	0.9	0.0	22.7	54
21/05/2024 20:50	0.7	263	24	1.1	0.0	23.0	51
21/05/2024 21:00	0.6	244	16	0.9	0.0	23.0	52
21/05/2024 21:10	0.6	241	11	0.7	0.0	22.7	53
21/05/2024 21:20	0.4	243	17	0.7	0.0	22.7	54
21/05/2024 21:30	0.4	162	23	0.6	0.0	22.2	57
21/05/2024 21:40	0.4	35	23	0.7	0.0	22.0	60
21/05/2024 21:50	0.7	191	12	0.9	0.0	22.8	55
21/05/2024 22:00	0.8	15	15	1.0	0.0	23.0	54
21/05/2024 22:10	0.5	87	26	0.8	0.0	21.9	55
21/05/2024 22:20	1.0	46	9	1.4	0.0	21.4	58
21/05/2024 22:30	1.1	47	7	1.5	0.0	21.8	61
21/05/2024 22:40	1.1	46	10	1.4	0.0	21.7	64
21/05/2024 22:50	1.1	38	11	1.4	0.0	21.6	65
21/05/2024 23:00	0.8	100	41	1.5	0.0	21.7	63
21/05/2024 23:10	1.4	167	10	2.0	0.0	21.6	57
21/05/2024 23:20	0.8	208	19	1.2	0.0	21.2	56
21/05/2024 23:30	0.4	227	47	0.9	0.0	20.8	58
21/05/2024 23:40	1.5	174	25	2.6	0.0	21.4	48
21/05/2024 23:50	2.4	183	7	3.2	0.0	21.9	42
22/05/2024 00:00	1.3	174	12	2.7	0.0	21.9	42
22/05/2024 00:10	1.8	166	15	2.7	0.0	22.1	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/05/2024 00:20	1.8	170	11	2.7	0.0	22.3	38
22/05/2024 00:30	1.8	175	15	2.8	0.0	22.4	38
22/05/2024 00:40	2.1	179	16	3.6	0.0	22.4	38
22/05/2024 00:50	1.5	166	20	2.6	0.0	22.3	38
22/05/2024 01:00	1.4	181	22	2.3	0.0	22.3	39
22/05/2024 01:10	1.3	209	22	2.3	0.0	22.4	39
22/05/2024 01:20	1.3	215	17	2.3	0.0	22.5	38
22/05/2024 01:30	1.2	233	33	2.6	0.0	22.5	39
22/05/2024 01:40	1.0	198	34	1.9	0.0	22.4	39
22/05/2024 01:50	0.8	189	43	2.2	0.0	22.2	39
22/05/2024 02:00	0.5	164	63	1.2	0.0	21.9	40
22/05/2024 02:10	0.6	232	51	1.4	0.0	21.8	39
22/05/2024 02:20	1.2	201	23	3.1	0.0	21.9	36
22/05/2024 02:30	1.1	172	30	1.9	0.0	21.9	35
22/05/2024 02:40	1.4	103	18	2.2	0.0	21.7	35
22/05/2024 02:50	1.4	84	26	2.8	0.0	21.1	37
22/05/2024 03:00	1.7	91	25	2.8	0.0	20.3	38
22/05/2024 03:10	2.0	99	22	3.6	0.0	20.3	39
22/05/2024 03:20	2.2	125	20	4.0	0.0	21.3	37
22/05/2024 03:30	1.9	117	21	4.0	0.0	21.4	39
22/05/2024 03:40	1.9	125	23	3.3	0.0	21.2	40
22/05/2024 03:50	1.8	130	20	3.3	0.0	21.1	40
22/05/2024 04:00	2.3	127	19	3.7	0.0	21.3	36
22/05/2024 04:10	2.3	121	21	4.3	0.0	21.3	36
22/05/2024 04:20	2.2	122	23	4.3	0.0	21.1	39
22/05/2024 04:30	1.9	121	20	3.8	0.0	21.0	40
22/05/2024 04:40	1.8	114	25	3.3	0.0	20.8	44
22/05/2024 04:50	2.4	112	20	4.1	0.0	20.8	45
22/05/2024 05:00	3.2	113	13	5.0	0.0	20.8	46
22/05/2024 05:10	3.1	108	13	5.0	0.0	20.7	46
22/05/2024 05:20	2.1	115	23	3.7	0.0	20.5	46
22/05/2024 05:30	1.9	110	22	4.0	0.0	20.5	42
22/05/2024 05:40	2.9	110	14	4.5	0.0	20.5	43
22/05/2024 05:50	3.5	111	13	5.7	0.0	20.5	42
22/05/2024 06:00	3.8	110	12	6.2	0.0	20.9	40
22/05/2024 06:10	3.5	106	12	5.4	0.0	20.9	40
22/05/2024 06:20	3.2	105	13	4.9	0.0	20.9	41
22/05/2024 06:30	4.5	107	12	6.5	0.0	21.4	35
22/05/2024 06:40	4.7	107	11	6.8	0.0	21.8	32
22/05/2024 06:50	4.9	108	10	7.2	0.0	21.9	30
22/05/2024 07:00	4.7	108	11	6.8	0.0	21.9	31
22/05/2024 07:10	5.2	110	11	7.4	0.0	21.9	31
22/05/2024 07:20	4.9	110	11	7.3	0.0	21.9	31
22/05/2024 07:30	4.0	111	13	6.8	0.0	22.0	34
22/05/2024 07:40	5.7	110	11	8.2	0.0	22.5	30
22/05/2024 07:50	6.4	109	10	10.4	0.0	22.7	29
22/05/2024 08:00	6.6	110	11	9.9	0.0	22.6	28
22/05/2024 08:10	6.5	107	10	9.8	0.0	22.6	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/05/2024 08:20	7.1	109	12	10.6	0.0	22.8	27
22/05/2024 08:30	7.3	109	10	10.5	0.0	23.2	27
22/05/2024 08:40	7.3	106	9	10.3	0.0	23.2	27
22/05/2024 08:50	6.8	107	12	11.3	0.0	23.2	26
22/05/2024 09:00	6.3	105	13	10.6	0.0	23.3	27
22/05/2024 09:10	5.7	102	12	8.5	0.0	23.3	27
22/05/2024 09:20	6.8	96	10	10.5	0.0	23.6	24
22/05/2024 09:30	7.2	94	9	10.1	0.0	23.6	24
22/05/2024 09:40	8.0	91	8	11.2	0.0	23.5	23
22/05/2024 09:50	8.1	95	8	12.6	0.0	23.5	25
22/05/2024 10:00	7.9	95	8	11.8	0.0	23.8	25
22/05/2024 10:10	8.6	93	9	12.0	0.0	24.1	26
22/05/2024 10:20	9.5	93	7	14.1	0.0	24.4	25
22/05/2024 10:30	7.8	96	10	11.2	0.0	24.7	27
22/05/2024 10:40	7.4	99	11	11.1	0.0	24.9	28
22/05/2024 10:50	7.3	97	10	10.4	0.0	25.0	30
22/05/2024 11:00	7.9	98	10	11.4	0.0	25.4	29
22/05/2024 11:10	8.2	92	9	12.1	0.0	25.5	28
22/05/2024 11:20	9.8	91	6	13.0	0.0	25.2	27
22/05/2024 11:30	8.6	93	7	11.9	0.0	25.3	29
22/05/2024 11:40	8.5	91	8	10.9	0.0	25.4	27
22/05/2024 11:50	8.1	93	9	11.6	0.0	25.5	29
22/05/2024 12:00	8.2	93	8	11.2	0.0	25.5	28
22/05/2024 12:10	8.0	94	9	11.8	0.0	25.7	27
22/05/2024 12:20	7.8	91	7	11.7	0.0	25.9	29
22/05/2024 12:30	8.2	90	7	11.8	0.0	25.8	27
22/05/2024 12:40	8.5	89	7	12.0	0.0	25.8	27
22/05/2024 12:50	7.6	88	8	11.3	0.0	26.2	27
22/05/2024 13:00	7.6	86	8	11.3	0.0	26.4	25
22/05/2024 13:10	7.5	86	10	10.7	0.0	26.4	26
22/05/2024 13:20	8.4	87	7	11.4	0.0	26.0	26
22/05/2024 13:30	7.3	86	7	10.3	0.0	26.3	28
22/05/2024 13:40	7.1	84	10	10.8	0.0	26.5	29
22/05/2024 13:50	8.5	88	6	11.7	0.0	26.2	26
22/05/2024 14:00	8.5	76	8	11.3	0.0	26.0	28
22/05/2024 14:10	8.4	77	7	11.1	0.0	25.9	29
22/05/2024 14:20	8.0	75	6	10.9	0.0	25.4	32
22/05/2024 14:30	7.6	82	8	10.0	0.0	25.7	33
22/05/2024 14:40	7.2	80	7	9.4	0.0	25.6	35
22/05/2024 14:50	7.8	73	5	9.6	0.0	25.3	35
22/05/2024 15:00	6.7	80	7	8.6	0.0	25.1	39
22/05/2024 15:10	6.8	63	10	8.3	0.0	25.1	40
22/05/2024 15:20	6.0	59	9	8.1	0.0	25.1	43
22/05/2024 15:30	6.1	54	8	8.3	0.0	24.9	43
22/05/2024 15:40	5.9	60	7	7.5	0.0	24.6	46
22/05/2024 15:50	5.3	57	7	7.0	0.0	24.5	47
22/05/2024 16:00	4.9	63	7	6.8	0.0	24.7	45
22/05/2024 16:10	5.2	60	9	7.3	0.0	25.1	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/05/2024 16:20	5.6	56	7	7.1	0.0	24.7	47
22/05/2024 16:30	5.4	59	7	7.5	0.0	24.6	47
22/05/2024 16:40	5.1	57	7	6.1	0.0	24.5	47
22/05/2024 16:50	4.4	57	7	5.9	0.0	24.3	49
22/05/2024 17:00	4.3	60	8	5.8	0.0	24.2	50
22/05/2024 17:10	4.6	62	6	5.7	0.0	24.0	50
22/05/2024 17:20	4.1	59	7	5.8	0.0	23.8	52
22/05/2024 17:30	3.7	62	8	5.3	0.0	23.8	52
22/05/2024 17:40	3.7	61	8	5.0	0.0	23.8	53
22/05/2024 17:50	3.1	61	6	4.6	0.0	23.7	53
22/05/2024 18:00	3.1	66	7	4.3	0.0	23.6	53
22/05/2024 18:10	2.3	54	6	3.2	0.0	23.4	52
22/05/2024 18:20	2.1	60	7	2.7	0.0	23.2	53
22/05/2024 18:30	1.5	57	7	2.2	0.0	23.0	54
22/05/2024 18:40	1.6	58	5	1.9	0.0	22.8	56
22/05/2024 18:50	1.5	57	5	1.7	0.0	22.7	57
22/05/2024 19:00	1.4	63	3	1.5	0.0	22.6	57
22/05/2024 19:10	1.6	50	4	1.9	0.0	22.4	59
22/05/2024 19:20	1.7	49	3	1.8	0.0	22.6	56
22/05/2024 19:30	1.2	53	6	1.3	0.0	22.7	51
22/05/2024 19:40	0.9	65	7	1.1	0.0	22.5	52
22/05/2024 19:50	1.1	56	2	1.3	0.0	22.3	55
22/05/2024 20:00	0.9	70	6	1.0	0.0	21.9	58
22/05/2024 20:10	0.6	70	10	0.8	0.0	22.2	58
22/05/2024 20:20	0.2	73	67	0.5	0.0	21.8	58
22/05/2024 20:30	0.3	289	27	0.4	0.0	22.1	58
22/05/2024 20:40	0.4	338	16	0.5	0.0	22.5	56
22/05/2024 20:50	0.7	66	14	0.9	0.0	22.5	56
22/05/2024 21:00	0.6	101	16	0.9	0.0	22.2	60
22/05/2024 21:10	0.8	58	15	1.2	0.0	21.9	62
22/05/2024 21:20	1.3	53	5	1.6	0.0	21.7	65
22/05/2024 21:30	1.0	44	9	1.5	0.0	21.5	64
22/05/2024 21:40	1.2	41	3	1.4	0.0	21.4	64
22/05/2024 21:50	1.0	46	4	1.2	0.0	21.1	65
22/05/2024 22:00	0.8	60	19	1.1	0.0	21.1	65
22/05/2024 22:10	0.5	91	20	0.9	0.0	21.0	65
22/05/2024 22:20	1.2	54	8	1.5	0.0	21.2	65
22/05/2024 22:30	1.0	47	8	1.4	0.0	21.0	69
22/05/2024 22:40	0.7	57	15	1.3	0.0	21.2	73
22/05/2024 22:50	0.7	40	12	1.1	0.0	21.3	77
22/05/2024 23:00	0.9	38	10	1.3	0.0	21.2	80
22/05/2024 23:10	0.9	53	9	1.5	0.0	21.1	79
22/05/2024 23:20	1.2	47	6	1.4	0.0	21.2	77
22/05/2024 23:30	0.9	32	7	1.1	0.0	21.3	76
22/05/2024 23:40	0.5	348	46	0.8	0.0	21.2	75
22/05/2024 23:50	0.8	18	7	0.9	0.0	21.2	74
23/05/2024 00:00	1.1	47	10	1.4	0.0	21.2	73
23/05/2024 00:10	1.5	77	12	2.5	0.0	20.8	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/05/2024 00:20	0.8	66	26	1.7	0.0	20.5	73
23/05/2024 00:30	1.0	58	17	1.7	0.0	20.6	70
23/05/2024 00:40	1.1	73	14	1.7	0.0	20.7	67
23/05/2024 00:50	1.0	90	16	1.7	0.0	20.9	66
23/05/2024 01:00	1.3	95	14	2.6	0.0	21.0	67
23/05/2024 01:10	2.0	99	16	3.1	0.0	21.0	67
23/05/2024 01:20	1.0	56	38	2.2	0.0	20.8	68
23/05/2024 01:30	1.2	60	10	1.8	0.0	20.8	67
23/05/2024 01:40	1.4	76	9	2.1	0.0	21.0	66
23/05/2024 01:50	1.3	69	19	2.0	0.0	20.7	66
23/05/2024 02:00	1.4	42	13	2.1	0.0	20.7	65
23/05/2024 02:10	1.2	61	13	2.0	0.0	20.8	64
23/05/2024 02:20	1.2	60	20	2.0	0.0	20.8	63
23/05/2024 02:30	1.3	72	20	2.2	0.0	20.9	63
23/05/2024 02:40	1.5	77	16	2.3	0.0	20.6	63
23/05/2024 02:50	1.4	59	17	2.0	0.0	20.5	63
23/05/2024 03:00	1.5	62	8	2.0	0.0	20.1	62
23/05/2024 03:10	1.4	52	9	1.9	0.0	20.2	62
23/05/2024 03:20	1.1	51	9	1.6	0.0	20.2	62
23/05/2024 03:30	1.0	71	21	1.8	0.0	20.2	62
23/05/2024 03:40	1.3	71	14	2.0	0.0	20.1	60
23/05/2024 03:50	1.0	78	25	1.7	0.0	20.2	59
23/05/2024 04:00	1.0	55	19	1.4	0.0	20.3	58
23/05/2024 04:10	0.8	84	24	1.4	0.0	20.2	58
23/05/2024 04:20	1.3	92	15	1.9	0.0	20.0	58
23/05/2024 04:30	1.6	86	13	2.4	0.0	20.0	58
23/05/2024 04:40	1.5	80	16	2.1	0.0	19.6	58
23/05/2024 04:50	1.6	72	17	2.1	0.0	19.4	58
23/05/2024 05:00	1.1	73	25	2.2	0.0	19.1	57
23/05/2024 05:10	1.1	58	24	1.8	0.0	19.3	56
23/05/2024 05:20	0.8	62	15	1.2	0.0	19.2	55
23/05/2024 05:30	0.9	47	7	1.1	0.0	19.0	54
23/05/2024 05:40	1.3	49	8	1.7	0.0	18.9	54
23/05/2024 05:50	1.5	73	18	2.2	0.0	18.6	54
23/05/2024 06:00	1.3	46	11	1.8	0.0	18.3	54
23/05/2024 06:10	1.2	65	21	1.9	0.0	17.8	55
23/05/2024 06:20	1.3	91	30	2.2	0.0	17.7	56
23/05/2024 06:30	1.2	69	19	2.1	0.0	17.6	57
23/05/2024 06:40	1.2	62	11	1.7	0.0	17.7	57
23/05/2024 06:50	1.1	70	16	1.7	0.0	18.1	57
23/05/2024 07:00	1.2	95	17	2.1	0.0	18.1	58
23/05/2024 07:10	1.6	107	16	2.5	0.0	18.4	59
23/05/2024 07:20	1.9	122	10	3.0	0.0	19.2	57
23/05/2024 07:30	1.7	124	14	2.7	0.0	19.8	55
23/05/2024 07:40	1.8	119	16	2.7	0.0	20.2	53
23/05/2024 07:50	1.9	116	15	3.2	0.0	20.5	54
23/05/2024 08:00	2.0	118	17	3.0	0.0	20.7	54
23/05/2024 08:10	2.4	116	13	3.7	0.0	20.8	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/05/2024 08:20	3.2	113	14	5.3	0.0	21.0	49
23/05/2024 08:30	3.2	118	12	5.0	0.0	21.4	45
23/05/2024 08:40	3.6	113	12	6.0	0.0	21.7	41
23/05/2024 08:50	4.2	114	10	6.1	0.0	21.8	39
23/05/2024 09:00	4.5	111	10	6.2	0.0	22.0	39
23/05/2024 09:10	4.8	100	14	6.9	0.0	22.9	36
23/05/2024 09:20	4.8	101	13	7.8	0.0	23.8	30
23/05/2024 09:30	6.3	91	8	8.5	0.0	23.9	28
23/05/2024 09:40	6.2	89	7	8.1	0.0	23.9	29
23/05/2024 09:50	5.6	85	8	7.9	0.0	24.2	29
23/05/2024 10:00	6.4	86	6	9.0	0.0	24.0	29
23/05/2024 10:10	5.7	92	9	7.9	0.0	23.9	32
23/05/2024 10:20	5.2	91	11	7.1	0.0	24.1	33
23/05/2024 10:30	5.3	92	9	7.4	0.0	24.1	36
23/05/2024 10:40	5.3	91	10	7.2	0.0	23.9	37
23/05/2024 10:50	5.1	88	11	7.3	0.0	24.2	36
23/05/2024 11:00	5.1	80	11	7.0	0.0	24.4	35
23/05/2024 11:10	5.9	73	7	7.4	0.0	24.3	36
23/05/2024 11:20	6.1	71	6	7.7	0.0	24.3	38
23/05/2024 11:30	6.0	72	9	8.1	0.0	24.6	37
23/05/2024 11:40	5.3	76	10	7.5	0.0	25.1	38
23/05/2024 11:50	5.8	87	8	8.5	0.0	25.0	39
23/05/2024 12:00	5.2	91	12	7.1	0.0	25.2	40
23/05/2024 12:10	5.8	85	8	8.2	0.0	25.3	40
23/05/2024 12:20	5.7	81	10	8.5	0.0	25.6	40
23/05/2024 12:30	5.6	80	10	7.8	0.0	25.7	41
23/05/2024 12:40	6.4	78	7	8.4	0.0	25.2	42
23/05/2024 12:50	6.0	84	9	8.4	0.0	25.4	42
23/05/2024 13:00	6.3	85	7	8.3	0.0	25.2	45
23/05/2024 13:10	6.1	84	7	8.0	0.0	25.8	41
23/05/2024 13:20	6.6	77	6	8.3	0.0	25.4	42
23/05/2024 13:30	6.4	83	7	8.1	0.0	25.5	43
23/05/2024 13:40	6.1	81	7	8.1	0.0	25.6	44
23/05/2024 13:50	5.9	82	9	8.0	0.0	25.7	45
23/05/2024 14:00	5.5	59	8	7.3	0.0	26.1	45
23/05/2024 14:10	5.8	57	8	7.7	0.0	25.7	45
23/05/2024 14:20	5.2	60	10	6.7	0.0	25.9	45
23/05/2024 14:30	5.1	64	11	7.0	0.0	26.1	45
23/05/2024 14:40	5.3	63	9	6.9	0.0	26.1	46
23/05/2024 14:50	5.9	62	9	7.6	0.0	25.6	47
23/05/2024 15:00	5.4	55	8	7.4	0.0	25.6	48
23/05/2024 15:10	4.8	63	10	6.6	0.0	25.7	48
23/05/2024 15:20	5.2	61	7	7.1	0.0	25.5	50
23/05/2024 15:30	5.4	61	8	7.1	0.0	25.3	51
23/05/2024 15:40	5.2	60	7	6.8	0.0	25.4	52
23/05/2024 15:50	5.3	65	7	6.8	0.0	25.4	53
23/05/2024 16:00	4.9	64	11	6.3	0.0	25.6	53
23/05/2024 16:10	4.5	58	9	6.4	0.0	25.6	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/05/2024 16:20	4.8	56	9	6.3	0.0	25.5	52
23/05/2024 16:30	4.6	53	8	5.8	0.0	25.2	52
23/05/2024 16:40	4.9	59	8	6.7	0.0	25.3	52
23/05/2024 16:50	4.2	60	8	5.8	0.0	25.2	55
23/05/2024 17:00	4.1	56	8	5.4	0.0	25.0	58
23/05/2024 17:10	4.0	56	7	5.7	0.0	24.8	60
23/05/2024 17:20	3.3	53	7	4.2	0.0	24.6	62
23/05/2024 17:30	2.7	50	7	3.7	0.0	24.6	62
23/05/2024 17:40	3.4	35	11	5.2	0.0	24.8	60
23/05/2024 17:50	3.6	33	7	5.2	0.0	24.9	59
23/05/2024 18:00	3.3	27	10	4.5	0.0	24.9	60
23/05/2024 18:10	3.2	24	11	4.5	0.0	24.8	61
23/05/2024 18:20	3.8	22	7	5.1	0.0	24.7	63
23/05/2024 18:30	3.9	22	8	5.1	0.0	24.6	64
23/05/2024 18:40	4.0	26	9	5.7	0.0	24.6	63
23/05/2024 18:50	3.8	30	9	5.4	0.0	24.6	64
23/05/2024 19:00	3.3	26	9	4.6	0.0	24.4	64
23/05/2024 19:10	3.4	21	8	5.2	0.0	24.4	63
23/05/2024 19:20	3.4	17	8	5.0	0.0	24.4	64
23/05/2024 19:30	3.4	9	9	5.0	0.0	24.4	65
23/05/2024 19:40	2.7	178	11	4.2	0.0	24.4	65
23/05/2024 19:50	2.0	354	13	3.4	0.0	24.4	66
23/05/2024 20:00	2.1	20	14	3.6	0.0	24.4	66
23/05/2024 20:10	2.1	35	14	3.4	0.0	24.4	67
23/05/2024 20:20	2.2	48	10	3.3	0.0	24.4	67
23/05/2024 20:30	1.9	55	7	2.8	0.0	24.3	67
23/05/2024 20:40	1.8	58	6	2.6	0.0	24.1	67
23/05/2024 20:50	2.4	63	5	2.8	0.0	24.0	68
23/05/2024 21:00	2.7	55	2	3.1	0.0	23.7	69
23/05/2024 21:10	2.6	55	3	2.9	0.0	23.6	70
23/05/2024 21:20	2.2	56	3	2.5	0.0	23.5	70
23/05/2024 21:30	2.1	55	2	2.3	0.0	23.5	70
23/05/2024 21:40	2.5	56	2	2.7	0.0	23.5	71
23/05/2024 21:50	2.4	53	2	2.5	0.0	23.4	72
23/05/2024 22:00	2.0	55	3	2.3	0.0	23.3	72
23/05/2024 22:10	1.6	55	5	2.0	0.0	23.3	72
23/05/2024 22:20	1.9	56	3	2.3	0.0	23.2	74
23/05/2024 22:30	1.4	71	15	1.8	0.0	23.2	76
23/05/2024 22:40	0.8	53	19	1.4	0.0	23.3	77
23/05/2024 22:50	0.7	45	20	1.1	0.0	23.0	77
23/05/2024 23:00	0.6	44	25	1.4	0.0	22.8	78
23/05/2024 23:10	1.0	44	13	1.4	0.0	22.8	76
23/05/2024 23:20	1.9	49	3	2.1	0.0	22.7	76
23/05/2024 23:30	2.3	59	2	2.4	0.0	22.3	77
23/05/2024 23:40	2.5	62	2	2.6	0.0	22.3	78
23/05/2024 23:50	2.4	63	2	2.5	0.0	22.4	78
24/05/2024 00:00	2.2	59	1	2.5	0.0	22.5	79
24/05/2024 00:10	1.7	56	2	1.9	0.0	22.7	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/05/2024 00:20	1.3	71	7	1.6	0.0	22.4	80
24/05/2024 00:30	1.3	83	6	1.6	0.0	22.6	83
24/05/2024 00:40	1.5	91	7	1.7	0.0	22.2	84
24/05/2024 00:50	1.8	66	6	1.9	0.0	22.1	88
24/05/2024 01:00	1.6	79	4	1.9	0.0	21.9	88
24/05/2024 01:10	1.3	67	5	1.6	0.0	21.7	89
24/05/2024 01:20	1.4	74	3	1.6	0.0	21.8	90
24/05/2024 01:30	1.7	70	4	2.0	0.0	21.7	91
24/05/2024 01:40	1.2	68	5	1.5	0.0	21.6	92
24/05/2024 01:50	1.1	79	8	1.5	0.0	21.2	91
24/05/2024 02:00	1.4	64	8	1.8	0.0	21.2	92
24/05/2024 02:10	1.6	50	4	1.8	0.0	21.6	92
24/05/2024 02:20	1.6	60	5	1.9	0.0	21.7	92
24/05/2024 02:30	1.7	61	4	1.9	0.0	21.7	92
24/05/2024 02:40	1.4	57	7	1.7	0.0	21.3	91
24/05/2024 02:50	0.4	84	49	0.9	0.0	21.0	92
24/05/2024 03:00	0.7	85	25	1.2	0.0	21.0	92
24/05/2024 03:10	0.8	23	14	1.2	0.0	20.7	91
24/05/2024 03:20	0.6	335	19	0.8	0.0	20.7	92
24/05/2024 03:30	1.0	20	10	1.3	0.0	20.5	91
24/05/2024 03:40	0.6	53	56	1.1	0.0	20.7	91
24/05/2024 03:50	1.4	171	19	2.1	0.0	20.8	87
24/05/2024 04:00	1.8	180	8	2.6	0.0	21.1	82
24/05/2024 04:10	0.8	46	25	1.1	0.0	21.1	83
24/05/2024 04:20	1.1	40	8	1.5	0.0	20.8	85
24/05/2024 04:30	1.2	65	17	1.7	0.0	20.6	85
24/05/2024 04:40	1.5	86	11	2.2	0.0	20.9	84
24/05/2024 04:50	1.2	55	14	2.0	0.0	20.4	84
24/05/2024 05:00	1.7	58	11	2.7	0.0	20.3	84
24/05/2024 05:10	2.2	93	14	3.3	0.0	20.2	84
24/05/2024 05:20	2.3	101	15	3.4	0.0	20.7	81
24/05/2024 05:30	2.0	100	16	3.2	0.0	20.3	82
24/05/2024 05:40	2.6	107	10	3.6	0.0	20.5	82
24/05/2024 05:50	2.0	99	18	3.2	0.0	20.5	81
24/05/2024 06:00	1.6	87	17	2.9	0.0	20.2	82
24/05/2024 06:10	1.8	66	11	2.7	0.0	19.9	83
24/05/2024 06:20	1.4	83	13	2.3	0.0	19.8	83
24/05/2024 06:30	1.7	98	14	2.8	0.0	19.9	83
24/05/2024 06:40	1.6	89	16	2.8	0.0	20.2	81
24/05/2024 06:50	1.9	101	14	3.2	0.0	20.3	81
24/05/2024 07:00	2.1	102	12	3.0	0.0	20.3	81
24/05/2024 07:10	1.6	106	13	2.4	0.0	20.3	80
24/05/2024 07:20	2.1	103	12	3.2	0.0	20.5	79
24/05/2024 07:30	2.5	103	11	3.8	0.0	20.7	79
24/05/2024 07:40	1.5	92	20	2.7	0.0	21.1	77
24/05/2024 07:50	1.6	59	14	2.3	0.0	21.2	77
24/05/2024 08:00	2.2	77	12	3.0	0.0	21.4	76
24/05/2024 08:10	2.6	104	13	3.6	0.0	21.7	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/05/2024 08:20	2.4	101	12	3.5	0.0	22.1	74
24/05/2024 08:30	2.4	118	22	3.8	0.0	22.9	71
24/05/2024 08:40	2.5	107	14	4.0	0.0	23.0	70
24/05/2024 08:50	2.6	127	16	4.2	0.0	23.3	69
24/05/2024 09:00	3.0	123	19	4.9	0.0	23.3	70
24/05/2024 09:10	2.3	147	20	4.2	0.0	23.7	68
24/05/2024 09:20	2.6	136	18	4.1	0.0	24.1	67
24/05/2024 09:30	2.0	144	19	3.4	0.0	24.2	68
24/05/2024 09:40	2.5	136	14	3.9	0.0	24.3	68
24/05/2024 09:50	2.5	133	15	3.9	0.0	24.4	69
24/05/2024 10:00	2.9	121	17	5.1	0.0	24.5	69
24/05/2024 10:10	2.7	123	17	4.5	0.0	24.8	68
24/05/2024 10:20	2.9	136	14	4.1	0.0	25.1	67
24/05/2024 10:30	2.3	147	15	3.6	0.0	25.3	66
24/05/2024 10:40	2.5	140	18	4.2	0.0	25.4	67
24/05/2024 10:50	2.9	135	16	5.0	0.0	25.6	66
24/05/2024 11:00	3.1	125	19	5.5	0.0	25.8	65
24/05/2024 11:10	3.4	114	13	5.0	0.0	25.6	66
24/05/2024 11:20	3.7	95	13	5.2	0.0	26.0	65
24/05/2024 11:30	4.3	88	12	6.0	0.0	26.6	62
24/05/2024 11:40	4.4	88	11	6.2	0.0	26.7	60
24/05/2024 11:50	4.9	80	7	6.5	0.0	26.6	60
24/05/2024 12:00	4.6	89	8	6.4	0.0	26.4	61
24/05/2024 12:10	4.7	73	9	6.1	0.0	26.4	60
24/05/2024 12:20	4.8	64	9	6.6	0.0	26.5	61
24/05/2024 12:30	5.2	76	6	6.3	0.0	26.5	59
24/05/2024 12:40	4.7	71	7	5.9	0.0	26.4	58
24/05/2024 12:50	4.6	75	7	6.0	0.0	26.5	56
24/05/2024 13:00	4.3	79	9	6.1	0.0	27.0	56
24/05/2024 13:10	4.7	76	10	6.2	0.0	26.9	56
24/05/2024 13:20	4.7	81	8	5.7	0.0	26.6	56
24/05/2024 13:30	4.6	71	7	6.6	0.0	26.7	55
24/05/2024 13:40	4.8	72	7	5.9	0.0	26.8	54
24/05/2024 13:50	5.1	87	7	7.0	0.0	26.9	52
24/05/2024 14:00	4.5	82	7	5.6	0.0	26.5	53
24/05/2024 14:10	4.9	80	7	6.2	0.0	26.5	54
24/05/2024 14:20	4.8	86	6	5.9	0.0	26.6	53
24/05/2024 14:30	4.3	83	8	5.9	0.0	26.6	54
24/05/2024 14:40	4.5	80	6	5.5	0.0	26.2	55
24/05/2024 14:50	4.4	80	8	5.7	0.0	26.2	54
24/05/2024 15:00	4.7	83	7	6.0	0.0	26.3	54
24/05/2024 15:10	3.9	69	10	5.2	0.0	26.0	58
24/05/2024 15:20	3.9	70	9	4.8	0.0	25.7	59
24/05/2024 15:30	3.9	83	7	4.8	0.0	26.2	56
24/05/2024 15:40	3.5	84	7	4.7	0.0	26.4	55
24/05/2024 15:50	3.2	58	10	4.2	0.0	26.7	53
24/05/2024 16:00	3.4	63	9	4.5	0.0	26.6	54
24/05/2024 16:10	3.0	65	10	4.2	0.0	26.1	57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/05/2024 16:20	2.7	74	10	3.8	0.0	26.1	57
24/05/2024 16:30	2.5	58	11	3.6	0.0	26.1	57
24/05/2024 16:40	2.0	65	12	2.6	0.0	26.1	58
24/05/2024 16:50	1.9	66	13	2.8	0.0	26.3	58
24/05/2024 17:00	2.5	76	9	3.4	0.0	26.2	58
24/05/2024 17:10	2.0	48	12	3.0	0.0	25.9	61
24/05/2024 17:20	2.3	48	8	2.8	0.0	25.5	62
24/05/2024 17:30	2.6	52	6	3.3	0.0	25.4	63
24/05/2024 17:40	2.3	51	7	3.0	0.0	25.2	64
24/05/2024 17:50	2.4	59	7	3.2	0.0	25.0	66
24/05/2024 18:00	1.8	62	8	2.5	0.0	24.8	67
24/05/2024 18:10	2.0	62	7	2.7	0.0	24.6	69
24/05/2024 18:20	1.6	65	7	1.9	0.0	24.5	70
24/05/2024 18:30	1.0	56	12	1.6	0.0	24.4	71
24/05/2024 18:40	1.3	55	8	1.7	0.0	24.3	72
24/05/2024 18:50	1.2	44	8	1.5	0.0	24.2	73
24/05/2024 19:00	1.6	51	5	2.2	0.0	24.1	72
24/05/2024 19:10	1.9	51	5	2.2	0.0	24.1	73
24/05/2024 19:20	1.4	57	7	1.8	0.0	24.3	72
24/05/2024 19:30	1.2	59	8	1.6	0.0	24.3	73
24/05/2024 19:40	0.8	51	18	1.4	0.0	24.2	74
24/05/2024 19:50	0.5	78	21	0.9	0.0	24.3	72
24/05/2024 20:00	0.1	157	74	0.3	0.0	24.3	71
24/05/2024 20:10	0.2	248	36	0.5	0.0	24.3	71
24/05/2024 20:20	0.3	174	38	0.4	0.0	24.3	70
24/05/2024 20:30	0.6	193	50	1.1	0.0	24.1	71
24/05/2024 20:40	0.7	197	16	1.1	0.0	24.1	72
24/05/2024 20:50	0.8	347	13	1.1	0.0	24.4	71
24/05/2024 21:00	1.6	329	6	2.2	0.0	24.5	71
24/05/2024 21:10	2.2	333	7	2.8	0.0	24.5	73
24/05/2024 21:20	2.4	338	8	3.1	0.0	24.5	73
24/05/2024 21:30	2.1	333	9	3.6	0.0	24.6	74
24/05/2024 21:40	2.3	325	9	3.4	0.0	24.6	75
24/05/2024 21:50	1.3	301	17	2.2	0.0	24.5	76
24/05/2024 22:00	1.9	273	11	2.7	0.0	24.3	77
24/05/2024 22:10	1.7	270	13	2.5	0.0	24.1	78
24/05/2024 22:20	1.6	263	10	2.0	0.0	23.7	80
24/05/2024 22:30	1.6	265	8	2.1	0.0	23.8	81
24/05/2024 22:40	1.7	266	5	2.0	0.0	23.8	82
24/05/2024 22:50	1.6	265	4	1.9	0.0	23.6	83
24/05/2024 23:00	1.5	260	5	1.8	0.0	23.7	84
24/05/2024 23:10	1.1	230	17	1.6	0.0	23.6	84
24/05/2024 23:20	0.7	21	25	1.1	0.0	23.2	84
24/05/2024 23:30	1.5	293	8	1.8	0.0	23.1	86
24/05/2024 23:40	1.5	286	7	1.8	0.0	23.2	86
24/05/2024 23:50	1.0	265	17	1.4	0.0	23.2	86
25/05/2024 00:00	0.9	260	15	1.2	0.0	23.1	85
25/05/2024 00:10	0.7	289	24	1.2	0.0	23.1	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/05/2024 00:20	0.6	296	22	1.2	0.0	23.0	85
25/05/2024 00:30	0.7	279	17	1.0	0.0	23.0	85
25/05/2024 00:40	0.6	259	19	0.8	0.0	22.8	85
25/05/2024 00:50	0.6	248	11	0.9	0.0	22.8	85
25/05/2024 01:00	0.9	235	7	1.2	0.0	22.4	85
25/05/2024 01:10	0.9	237	19	1.2	0.0	22.1	87
25/05/2024 01:20	1.0	269	16	1.4	0.0	22.3	86
25/05/2024 01:30	0.9	259	14	1.4	0.0	22.3	86
25/05/2024 01:40	0.3	261	56	0.6	0.0	22.3	86
25/05/2024 01:50	0.7	309	43	1.4	0.0	22.0	87
25/05/2024 02:00	0.6	265	40	1.1	0.0	22.3	86
25/05/2024 02:10	0.7	241	32	1.1	0.0	22.3	86
25/05/2024 02:20	0.7	258	28	1.4	0.0	22.3	86
25/05/2024 02:30	1.1	218	20	2.1	0.0	22.3	85
25/05/2024 02:40	0.6	228	42	1.3	0.0	22.4	84
25/05/2024 02:50	1.0	244	23	1.8	0.0	22.5	83
25/05/2024 03:00	1.0	282	20	1.5	0.0	22.5	82
25/05/2024 03:10	1.0	265	28	1.7	0.0	22.6	81
25/05/2024 03:20	0.9	200	31	1.5	0.0	22.7	81
25/05/2024 03:30	0.7	225	34	1.2	0.0	22.5	81
25/05/2024 03:40	1.2	233	24	2.2	0.0	22.4	82
25/05/2024 03:50	1.8	212	12	2.7	0.0	22.6	81
25/05/2024 04:00	1.6	222	14	2.5	0.0	22.6	81
25/05/2024 04:10	0.7	251	30	1.3	0.0	22.4	82
25/05/2024 04:20	0.7	277	42	1.5	0.0	22.2	82
25/05/2024 04:30	0.6	271	33	1.1	0.0	22.1	83
25/05/2024 04:40	1.2	268	19	2.1	0.0	21.9	83
25/05/2024 04:50	0.8	206	35	1.5	0.0	21.9	83
25/05/2024 05:00	1.1	221	19	1.9	0.0	21.7	84
25/05/2024 05:10	0.7	234	27	1.3	0.0	21.8	84
25/05/2024 05:20	0.9	230	35	1.9	0.0	21.9	83
25/05/2024 05:30	1.2	219	15	2.0	0.0	21.9	83
25/05/2024 05:40	1.0	223	17	1.8	0.0	22.0	83
25/05/2024 05:50	0.8	225	22	1.9	0.0	21.8	83
25/05/2024 06:00	1.0	196	17	1.6	0.0	21.8	83
25/05/2024 06:10	1.0	203	15	1.5	0.0	21.9	83
25/05/2024 06:20	0.6	224	18	1.1	0.0	21.5	84
25/05/2024 06:30	0.4	218	43	0.9	0.0	21.1	85
25/05/2024 06:40	0.8	42	23	1.2	0.0	20.8	86
25/05/2024 06:50	0.9	39	10	1.4	0.0	20.7	87
25/05/2024 07:00	0.7	30	10	0.9	0.0	20.5	88
25/05/2024 07:10	0.7	25	7	0.9	0.0	21.0	87
25/05/2024 07:20	0.7	128	12	1.1	0.0	21.5	85
25/05/2024 07:30	0.9	248	12	1.2	0.0	21.5	84
25/05/2024 07:40	0.9	240	14	1.3	0.0	21.3	85
25/05/2024 07:50	0.4	288	58	0.9	0.0	21.9	84
25/05/2024 08:00	0.6	200	30	1.1	0.0	23.0	79
25/05/2024 08:10	1.0	109	13	1.5	0.0	23.4	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/05/2024 08:20	0.5	104	21	1.0	0.0	23.7	75
25/05/2024 08:30	0.7	80	28	1.3	0.0	23.9	74
25/05/2024 08:40	0.7	110	55	1.3	0.0	24.9	69
25/05/2024 08:50	1.4	173	19	2.3	0.0	25.0	65
25/05/2024 09:00	2.2	164	17	3.3	0.0	24.8	62
25/05/2024 09:10	1.9	174	18	2.6	0.0	24.9	61
25/05/2024 09:20	1.8	156	12	2.8	0.0	25.2	63
25/05/2024 09:30	2.2	117	10	3.2	0.0	25.1	64
25/05/2024 09:40	2.6	112	12	3.9	0.0	25.2	62
25/05/2024 09:50	3.1	113	9	4.1	0.0	24.7	64
25/05/2024 10:00	2.4	123	11	3.5	0.0	24.9	62
25/05/2024 10:10	2.4	120	12	3.2	0.0	25.1	62
25/05/2024 10:20	2.6	113	14	3.8	0.0	25.3	62
25/05/2024 10:30	2.9	119	8	4.2	0.0	25.2	61
25/05/2024 10:40	2.6	125	14	3.8	0.0	25.5	58
25/05/2024 10:50	2.4	118	18	3.9	0.0	26.1	53
25/05/2024 11:00	2.1	114	22	3.6	0.0	26.8	52
25/05/2024 11:10	2.4	131	14	3.7	0.0	26.6	52
25/05/2024 11:20	2.4	129	18	3.3	0.0	27.0	51
25/05/2024 11:30	3.5	78	8	4.6	0.0	27.1	50
25/05/2024 11:40	3.1	88	16	4.7	0.0	27.3	49
25/05/2024 11:50	3.1	89	16	4.6	0.0	28.0	45
25/05/2024 12:00	3.8	67	10	5.1	0.0	27.9	43
25/05/2024 12:10	4.1	75	10	5.9	0.0	28.2	39
25/05/2024 12:20	4.5	79	7	5.6	0.0	28.4	35
25/05/2024 12:30	4.5	79	11	6.4	0.0	28.7	33
25/05/2024 12:40	4.6	83	9	6.3	0.0	29.1	31
25/05/2024 12:50	4.2	64	15	5.8	0.0	29.3	31
25/05/2024 13:00	4.0	57	11	5.8	0.0	29.1	32
25/05/2024 13:10	4.2	60	11	5.8	0.0	29.2	29
25/05/2024 13:20	4.2	55	12	6.1	0.0	29.3	30
25/05/2024 13:30	4.0	54	10	6.0	0.0	29.4	29
25/05/2024 13:40	3.9	55	10	5.5	0.0	29.5	29
25/05/2024 13:50	3.9	59	10	5.4	0.0	29.6	28
25/05/2024 14:00	4.2	60	11	5.5	0.0	30.1	25
25/05/2024 14:10	4.1	65	12	6.4	0.0	30.5	23
25/05/2024 14:20	5.0	77	12	6.7	0.0	30.8	20
25/05/2024 14:30	4.3	67	13	6.6	0.0	30.7	21
25/05/2024 14:40	4.5	52	8	6.3	0.0	30.4	23
25/05/2024 14:50	4.9	64	8	6.6	0.0	30.3	22
25/05/2024 15:00	4.9	66	8	6.6	0.0	30.3	22
25/05/2024 15:10	5.0	67	7	6.3	0.0	30.2	23
25/05/2024 15:20	5.5	61	7	6.9	0.0	29.9	23
25/05/2024 15:30	5.1	55	7	6.9	0.0	30.0	22
25/05/2024 15:40	4.8	56	8	6.3	0.0	30.2	20
25/05/2024 15:50	4.3	56	7	5.8	0.0	30.3	20
25/05/2024 16:00	4.4	55	8	5.9	0.0	30.4	19
25/05/2024 16:10	4.0	62	8	5.5	0.0	30.5	20



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/05/2024 16:20	4.2	61	8	5.6	0.0	30.4	20
25/05/2024 16:30	4.2	61	5	5.5	0.0	30.2	21
25/05/2024 16:40	3.7	58	7	5.1	0.0	30.0	22
25/05/2024 16:50	4.1	59	7	5.2	0.0	29.8	22
25/05/2024 17:00	3.2	56	6	4.4	0.0	29.6	23
25/05/2024 17:10	2.8	48	8	3.7	0.0	29.3	25
25/05/2024 17:20	2.4	49	8	3.4	0.0	28.7	26
25/05/2024 17:30	3.1	26	9	4.4	0.0	28.8	25
25/05/2024 17:40	3.3	24	8	4.5	0.0	28.9	25
25/05/2024 17:50	3.2	13	9	4.2	0.0	28.5	30
25/05/2024 18:00	3.3	13	9	4.7	0.0	27.7	40
25/05/2024 18:10	3.3	8	9	4.5	0.0	27.2	46
25/05/2024 18:20	2.9	358	8	4.6	0.0	27.0	46
25/05/2024 18:30	0.8	204	62	1.9	0.0	26.8	50
25/05/2024 18:40	1.2	326	23	2.5	0.0	26.4	52
25/05/2024 18:50	0.7	11	43	1.4	0.0	26.4	51
25/05/2024 19:00	1.1	251	40	1.9	0.0	26.2	51
25/05/2024 19:10	1.8	285	14	2.5	0.0	25.9	54
25/05/2024 19:20	2.1	265	4	2.5	0.0	25.1	64
25/05/2024 19:30	1.8	271	6	2.5	0.0	24.8	64
25/05/2024 19:40	2.1	269	3	2.5	0.0	24.8	67
25/05/2024 19:50	1.9	265	6	2.3	0.0	24.8	68
25/05/2024 20:00	2.2	264	6	2.6	0.0	24.5	69
25/05/2024 20:10	1.7	273	3	2.1	0.0	24.5	68
25/05/2024 20:20	1.5	271	3	1.7	0.0	24.6	69
25/05/2024 20:30	1.2	262	11	1.5	0.0	24.7	68
25/05/2024 20:40	1.4	260	12	1.8	0.0	24.3	68
25/05/2024 20:50	1.4	271	11	1.7	0.0	24.2	64
25/05/2024 21:00	1.8	269	8	2.3	0.0	24.5	61
25/05/2024 21:10	1.9	266	5	2.2	0.0	24.7	59
25/05/2024 21:20	1.3	271	9	1.8	0.0	24.2	59
25/05/2024 21:30	0.9	282	25	1.4	0.0	24.1	59
25/05/2024 21:40	1.4	253	10	1.8	0.0	24.1	58
25/05/2024 21:50	1.8	261	13	2.6	0.0	23.9	60
25/05/2024 22:00	2.7	270	7	3.6	0.0	23.7	66
25/05/2024 22:10	2.6	276	7	3.6	0.0	23.4	72
25/05/2024 22:20	2.5	274	7	3.1	0.0	23.6	74
25/05/2024 22:30	2.4	277	5	2.8	0.0	23.5	75
25/05/2024 22:40	2.2	286	6	2.6	0.0	23.6	74
25/05/2024 22:50	2.4	270	7	2.9	0.0	23.5	73
25/05/2024 23:00	1.8	233	13	2.5	0.0	23.1	75
25/05/2024 23:10	0.9	189	45	1.3	0.0	22.6	78
25/05/2024 23:20	0.9	276	18	1.5	0.0	22.8	77
25/05/2024 23:30	1.2	256	13	1.6	0.0	23.0	72
25/05/2024 23:40	1.1	260	14	1.6	0.0	23.0	69
25/05/2024 23:50	0.7	157	39	1.4	0.0	23.1	68
26/05/2024 00:00	0.9	328	22	1.2	0.0	22.6	69
26/05/2024 00:10	0.5	308	42	0.8	0.0	23.0	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/05/2024 00:20	0.7	111	32	1.1	0.0	22.3	67
26/05/2024 00:30	1.0	259	28	1.5	0.0	22.6	64
26/05/2024 00:40	1.0	92	32	1.8	0.0	22.6	61
26/05/2024 00:50	0.9	38	32	1.7	0.0	22.8	60
26/05/2024 01:00	2.0	165	22	3.2	0.0	23.8	52
26/05/2024 01:10	2.0	175	17	3.7	0.0	23.7	50
26/05/2024 01:20	2.2	166	24	4.0	0.0	24.0	47
26/05/2024 01:30	1.6	106	27	2.9	0.0	23.7	47
26/05/2024 01:40	1.3	103	25	2.6	0.0	24.1	44
26/05/2024 01:50	1.1	55	35	2.2	0.0	23.5	46
26/05/2024 02:00	1.4	95	16	2.2	0.0	23.2	47
26/05/2024 02:10	1.6	119	11	2.3	0.0	24.0	42
26/05/2024 02:20	2.3	119	10	3.0	0.0	24.2	41
26/05/2024 02:30	1.9	102	30	3.3	0.0	23.8	44
26/05/2024 02:40	1.2	57	35	2.3	0.0	22.9	47
26/05/2024 02:50	1.1	31	23	1.8	0.0	22.7	49
26/05/2024 03:00	1.4	100	45	2.5	0.0	22.8	49
26/05/2024 03:10	0.9	66	46	1.8	0.0	22.7	49
26/05/2024 03:20	1.2	87	36	1.8	0.0	22.8	49
26/05/2024 03:30	1.3	90	32	2.0	0.0	22.9	48
26/05/2024 03:40	2.1	111	19	3.3	0.0	22.8	49
26/05/2024 03:50	1.5	113	24	2.8	0.0	22.1	51
26/05/2024 04:00	1.5	103	26	2.5	0.0	22.3	51
26/05/2024 04:10	1.9	110	22	3.2	0.0	21.9	52
26/05/2024 04:20	1.6	94	29	2.9	0.0	21.5	53
26/05/2024 04:30	2.0	108	25	3.8	0.0	21.4	52
26/05/2024 04:40	2.5	112	15	4.2	0.0	22.2	45
26/05/2024 04:50	3.2	111	11	4.8	0.0	23.5	39
26/05/2024 05:00	3.2	114	9	4.3	0.0	23.6	39
26/05/2024 05:10	2.7	109	11	3.8	0.0	22.3	47
26/05/2024 05:20	2.7	113	9	3.6	0.0	21.9	49
26/05/2024 05:30	3.1	116	7	4.1	0.0	23.0	45
26/05/2024 05:40	2.7	113	9	3.7	0.0	22.3	50
26/05/2024 05:50	2.9	109	9	4.1	0.0	21.6	54
26/05/2024 06:00	2.7	104	9	3.5	0.0	21.4	55
26/05/2024 06:10	2.6	103	10	3.5	0.0	21.3	55
26/05/2024 06:20	2.8	106	10	3.9	0.0	21.2	55
26/05/2024 06:30	3.3	114	9	4.7	0.0	21.5	52
26/05/2024 06:40	2.9	116	10	4.0	0.0	22.1	49
26/05/2024 06:50	3.0	117	8	3.9	0.0	21.8	49
26/05/2024 07:00	2.3	112	12	3.3	0.0	22.1	48
26/05/2024 07:10	2.1	118	12	3.3	0.0	21.9	50
26/05/2024 07:20	1.8	110	14	3.0	0.0	22.4	48
26/05/2024 07:30	1.7	107	12	2.7	0.0	22.5	48
26/05/2024 07:40	1.9	99	10	3.3	0.0	23.3	44
26/05/2024 07:50	2.2	107	12	3.6	0.0	23.8	42
26/05/2024 08:00	2.7	99	12	3.9	0.0	23.9	40
26/05/2024 08:10	3.3	110	13	5.5	0.0	24.4	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/05/2024 08:20	3.7	106	12	5.4	0.0	24.6	32
26/05/2024 08:30	3.8	111	11	6.1	0.0	24.9	31
26/05/2024 08:40	3.9	114	11	6.0	0.0	25.0	31
26/05/2024 08:50	3.6	111	12	5.3	0.0	25.0	32
26/05/2024 09:00	3.5	110	12	5.5	0.0	25.1	32
26/05/2024 09:10	3.5	112	12	5.0	0.0	25.2	34
26/05/2024 09:20	4.2	96	10	5.7	0.0	26.2	33
26/05/2024 09:30	5.4	85	6	7.1	0.0	26.6	31
26/05/2024 09:40	5.6	86	6	7.4	0.0	26.7	30
26/05/2024 09:50	5.3	84	7	7.3	0.0	26.9	28
26/05/2024 10:00	5.4	84	8	7.4	0.0	27.2	28
26/05/2024 10:10	5.3	85	9	7.5	0.0	27.2	27
26/05/2024 10:20	5.1	88	8	7.3	0.0	27.2	27
26/05/2024 10:30	5.2	79	9	7.4	0.0	27.3	28
26/05/2024 10:40	5.4	76	9	7.6	0.0	27.1	28
26/05/2024 10:50	5.5	76	8	7.6	0.0	27.3	28
26/05/2024 11:00	4.7	82	13	6.8	0.0	27.5	28
26/05/2024 11:10	4.7	77	13	6.8	0.0	27.4	28
26/05/2024 11:20	5.1	72	12	7.5	0.0	27.4	28
26/05/2024 11:30	5.4	62	8	7.8	0.0	27.3	29
26/05/2024 11:40	5.2	71	12	7.8	0.0	27.4	30
26/05/2024 11:50	4.8	64	11	7.0	0.0	27.5	30
26/05/2024 12:00	4.4	66	12	6.5	0.0	27.9	30
26/05/2024 12:10	4.9	66	11	6.8	0.0	28.0	30
26/05/2024 12:20	4.5	78	13	6.7	0.0	28.7	28
26/05/2024 12:30	4.8	72	12	7.6	0.0	29.1	27
26/05/2024 12:40	4.8	69	13	6.9	0.0	29.2	27
26/05/2024 12:50	5.0	52	9	7.6	0.0	29.0	28
26/05/2024 13:00	5.4	51	8	7.6	0.0	29.0	26
26/05/2024 13:10	5.3	57	8	7.6	0.0	29.2	25
26/05/2024 13:20	5.9	59	8	7.8	0.0	29.3	24
26/05/2024 13:30	5.9	58	8	7.8	0.0	29.5	24
26/05/2024 13:40	5.7	56	8	7.8	0.0	29.8	24
26/05/2024 13:50	6.1	57	6	8.0	0.0	29.8	23
26/05/2024 14:00	6.2	57	6	7.8	0.0	30.0	22
26/05/2024 14:10	6.5	59	8	8.2	0.0	30.1	22
26/05/2024 14:20	6.1	60	8	8.4	0.0	30.3	22
26/05/2024 14:30	6.8	59	6	9.1	0.0	30.2	23
26/05/2024 14:40	7.3	60	6	9.4	0.0	30.3	23
26/05/2024 14:50	8.0	59	6	10.5	0.0	29.9	23
26/05/2024 15:00	7.6	57	6	10.3	0.0	30.0	23
26/05/2024 15:10	6.7	59	9	8.7	0.0	30.2	24
26/05/2024 15:20	6.8	61	8	9.2	0.0	30.2	24
26/05/2024 15:30	6.6	61	6	8.7	0.0	30.1	24
26/05/2024 15:40	6.1	62	7	8.0	0.0	30.2	25
26/05/2024 15:50	5.9	61	8	7.7	0.0	30.1	25
26/05/2024 16:00	6.1	61	7	8.2	0.0	29.9	27
26/05/2024 16:10	5.4	60	7	7.3	0.0	29.8	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/05/2024 16:20	4.8	64	7	6.0	0.0	29.9	28
26/05/2024 16:30	4.6	62	7	5.9	0.0	29.5	30
26/05/2024 16:40	3.8	63	7	5.2	0.0	29.5	31
26/05/2024 16:50	3.6	63	7	5.3	0.0	29.3	33
26/05/2024 17:00	3.4	59	6	4.6	0.0	28.9	35
26/05/2024 17:10	2.7	51	8	4.5	0.0	28.4	38
26/05/2024 17:20	2.9	43	10	4.8	0.0	28.5	30
26/05/2024 17:30	2.5	43	13	4.3	0.0	28.2	32
26/05/2024 17:40	2.6	41	13	4.5	0.0	27.7	33
26/05/2024 17:50	2.2	38	12	3.4	0.0	27.8	31
26/05/2024 18:00	1.4	49	17	2.5	0.0	27.2	34
26/05/2024 18:10	1.1	31	11	1.9	0.0	27.1	36
26/05/2024 18:20	0.7	150	30	1.3	0.0	27.0	40
26/05/2024 18:30	0.7	200	24	1.0	0.0	26.7	39
26/05/2024 18:40	0.4	109	30	0.7	0.0	26.3	40
26/05/2024 18:50	0.4	61	22	0.8	0.0	26.0	40
26/05/2024 19:00	1.0	72	10	1.4	0.0	25.3	40
26/05/2024 19:10	0.6	66	17	1.0	0.0	25.2	41
26/05/2024 19:20	0.4	50	14	0.6	0.0	25.3	42
26/05/2024 19:30	0.3	126	23	0.6	0.0	25.1	42
26/05/2024 19:40	0.8	202	19	1.2	0.0	24.2	46
26/05/2024 19:50	0.8	78	22	1.4	0.0	23.8	47
26/05/2024 20:00	0.8	65	21	1.1	0.0	23.9	48
26/05/2024 20:10	0.4	127	80	0.8	0.0	23.9	51
26/05/2024 20:20	1.5	93	11	2.2	0.0	23.5	56
26/05/2024 20:30	1.5	98	9	2.0	0.0	23.2	62
26/05/2024 20:40	1.7	75	5	1.8	0.0	23.4	66
26/05/2024 20:50	1.4	80	6	1.6	0.0	23.1	65
26/05/2024 21:00	1.3	78	3	1.4	0.0	23.2	68
26/05/2024 21:10	1.3	82	3	1.4	0.0	22.9	69
26/05/2024 21:20	1.1	73	6	1.4	0.0	22.7	71
26/05/2024 21:30	1.3	68	3	1.4	0.0	23.0	75
26/05/2024 21:40	1.1	72	6	1.2	0.0	23.0	77
26/05/2024 21:50	0.6	83	13	1.0	0.0	22.8	78
26/05/2024 22:00	0.6	233	61	1.0	0.0	22.2	77
26/05/2024 22:10	0.7	288	38	1.0	0.0	22.3	78
26/05/2024 22:20	1.0	223	17	1.7	0.0	21.5	79
26/05/2024 22:30	0.7	257	38	1.1	0.0	22.0	78
26/05/2024 22:40	0.8	220	21	1.2	0.0	22.2	78
26/05/2024 22:50	1.2	30	18	1.6	0.0	22.7	81
26/05/2024 23:00	2.3	43	8	2.9	0.0	22.0	81
26/05/2024 23:10	1.5	45	25	2.5	0.0	21.8	82
26/05/2024 23:20	1.5	64	30	2.0	0.0	21.6	82
26/05/2024 23:30	1.5	30	13	2.1	0.0	21.7	82
26/05/2024 23:40	1.8	44	11	2.3	0.0	21.6	81
26/05/2024 23:50	2.1	42	9	2.8	0.0	21.3	80
27/05/2024 00:00	1.9	47	12	3.0	0.0	21.5	77
27/05/2024 00:10	1.5	39	17	2.9	0.0	21.2	78



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/05/2024 00:20	1.6	56	22	2.5	0.0	21.3	77
27/05/2024 00:30	2.1	43	7	2.8	0.0	21.7	75
27/05/2024 00:40	1.0	50	28	1.9	0.0	21.7	75
27/05/2024 00:50	1.0	51	24	1.7	0.0	21.8	74
27/05/2024 01:00	1.0	39	45	2.2	0.0	21.4	74
27/05/2024 01:10	1.2	60	32	2.0	0.0	21.4	73
27/05/2024 01:20	0.6	97	71	1.5	0.0	21.9	71
27/05/2024 01:30	0.5	100	74	1.1	0.0	21.9	71
27/05/2024 01:40	1.6	261	11	2.2	0.0	21.3	73
27/05/2024 01:50	1.1	255	33	1.6	0.0	21.4	72
27/05/2024 02:00	1.2	264	18	1.8	0.0	21.2	72
27/05/2024 02:10	0.5	250	67	1.0	0.0	21.6	67
27/05/2024 02:20	1.0	287	27	1.9	0.0	22.0	62
27/05/2024 02:30	0.7	260	33	1.5	0.0	21.7	62
27/05/2024 02:40	0.3	48	83	0.8	0.0	21.1	64
27/05/2024 02:50	0.7	219	49	1.4	0.0	21.9	58
27/05/2024 03:00	1.6	150	32	3.2	0.0	22.4	54
27/05/2024 03:10	0.9	146	54	1.9	0.0	22.4	51
27/05/2024 03:20	1.2	87	34	2.3	0.0	22.0	51
27/05/2024 03:30	1.1	70	47	1.9	0.0	21.6	53
27/05/2024 03:40	0.9	48	45	1.8	0.0	21.2	55
27/05/2024 03:50	1.0	30	24	1.9	0.0	21.2	56
27/05/2024 04:00	0.9	35	32	1.7	0.0	21.2	56
27/05/2024 04:10	0.7	54	46	1.4	0.0	21.3	56
27/05/2024 04:20	0.9	41	24	1.5	0.0	21.6	55
27/05/2024 04:30	1.1	36	11	1.7	0.0	21.7	54
27/05/2024 04:40	1.3	45	13	1.9	0.0	21.5	53
27/05/2024 04:50	1.2	70	29	2.2	0.0	21.4	51
27/05/2024 05:00	1.3	50	21	2.3	0.0	21.1	51
27/05/2024 05:10	1.4	58	19	2.4	0.0	20.9	50
27/05/2024 05:20	1.3	67	28	2.1	0.0	21.1	49
27/05/2024 05:30	0.9	57	36	1.9	0.0	21.4	47
27/05/2024 05:40	0.6	128	71	1.4	0.0	21.2	47
27/05/2024 05:50	0.4	253	79	1.0	0.0	21.4	46
27/05/2024 06:00	0.4	197	82	0.9	0.0	21.0	47
27/05/2024 06:10	0.4	83	69	1.4	0.0	21.2	46
27/05/2024 06:20	0.6	67	63	1.5	0.0	21.5	45
27/05/2024 06:30	0.4	102	83	0.8	0.0	21.1	46
27/05/2024 06:40	0.7	70	44	1.9	0.0	21.2	46
27/05/2024 06:50	1.1	74	37	2.8	0.0	21.2	45
27/05/2024 07:00	1.2	74	33	2.7	0.0	21.0	46
27/05/2024 07:10	1.4	74	25	2.2	0.0	20.9	47
27/05/2024 07:20	1.3	72	17	2.2	0.0	21.1	47
27/05/2024 07:30	1.2	63	13	1.7	0.0	21.7	46
27/05/2024 07:40	1.5	68	14	2.4	0.0	22.5	46
27/05/2024 07:50	1.4	94	12	2.5	0.0	23.2	46
27/05/2024 08:00	2.0	103	12	3.1	0.0	23.5	44
27/05/2024 08:10	2.0	106	13	3.0	0.0	23.6	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/05/2024 08:20	2.2	101	11	3.3	0.0	24.0	40
27/05/2024 08:30	2.4	111	12	3.5	0.0	24.0	41
27/05/2024 08:40	2.7	114	12	3.7	0.0	24.0	39
27/05/2024 08:50	2.4	105	14	3.7	0.0	24.5	36
27/05/2024 09:00	3.0	108	10	4.0	0.0	24.7	34
27/05/2024 09:10	3.1	116	11	4.3	0.0	24.7	34
27/05/2024 09:20	2.8	108	13	4.1	0.0	25.0	33
27/05/2024 09:30	2.5	106	14	3.8	0.0	25.5	32
27/05/2024 09:40	2.7	119	12	3.7	0.0	25.2	32
27/05/2024 09:50	2.3	108	15	3.5	0.0	25.9	30
27/05/2024 10:00	2.0	113	18	3.1	0.0	26.3	29
27/05/2024 10:10	2.6	96	12	4.0	0.0	26.7	28
27/05/2024 10:20	2.5	99	15	3.7	0.0	27.3	27
27/05/2024 10:30	3.3	91	12	5.1	0.0	28.0	25
27/05/2024 10:40	4.8	84	7	6.7	0.0	28.1	24
27/05/2024 10:50	4.9	88	8	7.0	0.0	27.8	27
27/05/2024 11:00	5.0	86	9	7.2	0.0	28.0	27
27/05/2024 11:10	5.5	75	10	8.6	0.0	27.8	28
27/05/2024 11:20	6.1	82	9	8.3	0.0	27.8	28
27/05/2024 11:30	6.6	79	8	9.0	0.0	28.0	27
27/05/2024 11:40	5.4	71	11	7.7	0.0	28.0	30
27/05/2024 11:50	5.0	66	11	7.8	0.0	28.0	31
27/05/2024 12:00	5.1	70	14	8.1	0.0	28.1	31
27/05/2024 12:10	4.6	61	13	6.5	0.0	28.3	31
27/05/2024 12:20	4.7	67	12	7.2	0.0	28.1	32
27/05/2024 12:30	5.0	57	12	7.7	0.0	28.4	34
27/05/2024 12:40	5.2	64	14	7.2	0.0	28.1	34
27/05/2024 12:50	5.1	67	12	7.5	0.0	28.2	34
27/05/2024 13:00	4.9	63	12	7.2	0.0	28.5	33
27/05/2024 13:10	4.8	58	10	7.2	0.0	28.7	32
27/05/2024 13:20	4.8	57	10	7.2	0.0	28.7	32
27/05/2024 13:30	4.9	63	11	6.9	0.0	29.0	30
27/05/2024 13:40	5.1	61	11	7.7	0.0	29.2	29
27/05/2024 13:50	5.7	61	10	7.6	0.0	29.1	28
27/05/2024 14:00	5.6	60	9	7.5	0.0	29.2	29
27/05/2024 14:10	5.0	59	9	7.0	0.0	29.5	28
27/05/2024 14:20	5.2	56	9	7.2	0.0	29.6	26
27/05/2024 14:30	5.2	58	8	7.0	0.0	29.7	26
27/05/2024 14:40	5.5	53	7	7.1	0.0	29.3	28
27/05/2024 14:50	5.5	55	8	7.3	0.0	29.6	26
27/05/2024 15:00	6.5	59	6	7.9	0.0	29.7	24
27/05/2024 15:10	5.7	62	8	7.3	0.0	30.0	23
27/05/2024 15:20	5.7	64	8	7.5	0.0	29.8	24
27/05/2024 15:30	6.2	59	8	8.2	0.0	29.8	26
27/05/2024 15:40	5.4	57	10	7.6	0.0	30.1	25
27/05/2024 15:50	5.2	65	9	6.8	0.0	30.2	27
27/05/2024 16:00	4.9	63	8	7.2	0.0	29.9	30
27/05/2024 16:10	5.2	61	8	7.2	0.0	30.0	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/05/2024 16:20	4.8	59	8	6.5	0.0	29.8	29
27/05/2024 16:30	4.9	43	10	7.2	0.0	30.0	27
27/05/2024 16:40	5.4	41	8	7.4	0.0	29.7	27
27/05/2024 16:50	5.4	48	7	7.5	0.0	29.5	27
27/05/2024 17:00	4.8	46	8	6.8	0.0	29.3	29
27/05/2024 17:10	3.8	21	10	5.3	0.0	28.7	38
27/05/2024 17:20	4.5	14	8	6.1	0.0	27.7	46
27/05/2024 17:30	4.6	13	7	6.2	0.0	27.4	47
27/05/2024 17:40	4.9	9	6	6.2	0.0	27.1	49
27/05/2024 17:50	4.1	7	7	5.8	0.0	26.9	50
27/05/2024 18:00	4.4	7	6	6.0	0.0	26.7	50
27/05/2024 18:10	4.7	15	7	6.4	0.0	26.9	46
27/05/2024 18:20	3.5	183	9	4.8	0.0	26.7	50
27/05/2024 18:30	2.9	348	8	4.2	0.0	26.2	58
27/05/2024 18:40	3.1	3	9	4.6	0.0	25.9	59
27/05/2024 18:50	3.5	2	8	4.9	0.0	26.0	57
27/05/2024 19:00	3.5	178	8	5.1	0.0	26.0	57
27/05/2024 19:10	2.9	10	10	4.3	0.0	25.9	57
27/05/2024 19:20	3.2	14	8	4.5	0.0	25.8	58
27/05/2024 19:30	3.7	13	7	5.6	0.0	25.9	58
27/05/2024 19:40	3.9	13	8	5.1	0.0	25.9	58
27/05/2024 19:50	3.7	12	8	5.3	0.0	25.8	59
27/05/2024 20:00	3.7	18	8	5.0	0.0	25.8	58
27/05/2024 20:10	3.5	18	8	4.8	0.0	25.8	58
27/05/2024 20:20	3.3	21	9	4.9	0.0	25.9	57
27/05/2024 20:30	3.1	28	10	4.5	0.0	25.8	58
27/05/2024 20:40	2.5	43	11	3.4	0.0	25.4	59
27/05/2024 20:50	2.9	42	7	3.8	0.0	24.7	63
27/05/2024 21:00	3.1	34	9	4.6	0.0	25.3	60
27/05/2024 21:10	3.4	27	7	4.5	0.0	25.5	60
27/05/2024 21:20	3.2	33	8	4.7	0.0	25.5	60
27/05/2024 21:30	2.7	38	7	4.3	0.0	25.1	61
27/05/2024 21:40	2.6	44	11	4.0	0.0	25.0	62
27/05/2024 21:50	2.1	60	7	3.1	0.0	24.1	64
27/05/2024 22:00	2.2	49	11	2.8	0.0	23.9	65
27/05/2024 22:10	1.9	73	5	2.3	0.0	23.7	66
27/05/2024 22:20	1.6	74	5	1.9	0.0	23.9	66
27/05/2024 22:30	1.0	165	32	1.2	0.0	23.7	67
27/05/2024 22:40	1.0	177	12	1.5	0.0	24.0	67
27/05/2024 22:50	0.8	155	15	1.5	0.0	24.1	66
27/05/2024 23:00	1.0	50	39	1.5	0.0	24.1	66
27/05/2024 23:10	0.6	338	18	0.9	0.0	24.0	67
27/05/2024 23:20	0.9	63	14	1.2	0.0	23.6	68
27/05/2024 23:30	0.9	203	30	1.3	0.0	23.1	71
27/05/2024 23:40	0.9	33	16	1.3	0.0	23.8	71
27/05/2024 23:50	0.8	53	18	1.2	0.0	23.7	74
28/05/2024 00:00	0.9	328	6	1.2	0.0	23.5	76
28/05/2024 00:10	0.8	264	14	1.3	0.0	23.6	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/05/2024 00:20	1.0	293	14	1.3	0.0	23.3	70
28/05/2024 00:30	0.8	263	34	1.1	0.0	23.7	68
28/05/2024 00:40	0.7	194	23	1.0	0.0	23.2	71
28/05/2024 00:50	1.0	238	14	1.4	0.0	23.0	74
28/05/2024 01:00	1.1	101	31	1.5	0.0	22.7	74
28/05/2024 01:10	0.9	30	10	1.2	0.0	22.4	75
28/05/2024 01:20	0.8	34	19	1.3	0.0	22.7	76
28/05/2024 01:30	0.6	68	9	1.0	0.0	22.8	75
28/05/2024 01:40	0.8	60	10	1.0	0.0	22.8	75
28/05/2024 01:50	0.4	137	45	0.7	0.0	22.8	75
28/05/2024 02:00	0.5	135	82	1.2	0.0	22.6	76
28/05/2024 02:10	1.1	147	41	2.2	0.0	22.7	75
28/05/2024 02:20	1.7	199	28	3.0	0.0	23.1	70
28/05/2024 02:30	0.6	306	36	1.1	0.0	23.3	70
28/05/2024 02:40	0.8	165	26	1.2	0.0	23.1	70
28/05/2024 02:50	0.9	125	55	1.8	0.0	22.3	72
28/05/2024 03:00	1.1	128	33	1.9	0.0	22.7	69
28/05/2024 03:10	1.3	39	30	1.8	0.0	23.0	67
28/05/2024 03:20	1.6	45	4	2.0	0.0	22.7	68
28/05/2024 03:30	1.7	38	5	2.1	0.0	22.6	66
28/05/2024 03:40	1.5	52	9	1.9	0.0	22.5	65
28/05/2024 03:50	1.3	69	21	2.2	0.0	22.4	64
28/05/2024 04:00	1.8	109	15	2.6	0.0	22.9	61
28/05/2024 04:10	1.5	95	24	2.4	0.0	22.7	64
28/05/2024 04:20	1.7	65	11	2.2	0.0	22.4	66
28/05/2024 04:30	2.1	68	5	2.5	0.0	22.2	67
28/05/2024 04:40	2.0	65	6	2.4	0.0	22.1	68
28/05/2024 04:50	1.9	59	8	2.6	0.0	22.2	70
28/05/2024 05:00	2.0	52	7	2.5	0.0	22.3	73
28/05/2024 05:10	2.0	41	5	2.6	0.0	22.3	75
28/05/2024 05:20	0.6	113	59	1.4	0.0	22.5	74
28/05/2024 05:30	0.5	159	39	1.2	0.0	22.8	71
28/05/2024 05:40	0.5	218	25	0.9	0.0	22.6	70
28/05/2024 05:50	0.7	215	22	0.9	0.0	22.3	72
28/05/2024 06:00	0.5	36	17	0.8	0.0	22.4	72
28/05/2024 06:10	0.3	84	58	0.7	0.0	22.0	72
28/05/2024 06:20	0.8	47	28	1.4	0.0	21.6	72
28/05/2024 06:30	1.4	48	9	1.9	0.0	21.2	72
28/05/2024 06:40	1.7	40	6	2.1	0.0	21.1	72
28/05/2024 06:50	0.3	171	55	0.9	0.0	21.3	72
28/05/2024 07:00	0.8	26	11	1.5	0.0	21.4	71
28/05/2024 07:10	1.2	45	7	1.7	0.0	21.3	72
28/05/2024 07:20	2.0	52	3	2.3	0.0	21.5	72
28/05/2024 07:30	1.9	48	3	2.3	0.0	22.5	71
28/05/2024 07:40	1.7	57	4	2.2	0.0	23.1	69
28/05/2024 07:50	1.9	57	4	2.1	0.0	22.9	71
28/05/2024 08:00	1.4	49	6	1.7	0.0	23.0	72
28/05/2024 08:10	1.4	51	8	1.7	0.0	23.8	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/05/2024 08:20	1.8	52	7	2.3	0.0	24.5	67
28/05/2024 08:30	2.3	66	8	3.5	0.0	24.9	64
28/05/2024 08:40	2.5	63	12	3.7	0.0	25.5	60
28/05/2024 08:50	2.1	48	9	2.8	0.0	25.4	63
28/05/2024 09:00	2.0	59	12	2.6	0.0	25.5	62
28/05/2024 09:10	3.1	54	7	4.1	0.0	25.3	63
28/05/2024 09:20	2.4	53	7	3.1	0.0	25.1	61
28/05/2024 09:30	2.5	60	11	3.6	0.0	25.5	55
28/05/2024 09:40	3.1	80	12	4.4	0.0	25.9	50
28/05/2024 09:50	3.1	67	6	3.9	0.0	25.8	51
28/05/2024 10:00	2.7	74	9	3.9	0.0	26.4	48
28/05/2024 10:10	2.5	77	15	3.7	0.0	26.7	50
28/05/2024 10:20	1.8	115	22	2.8	0.0	27.2	49
28/05/2024 10:30	1.8	109	24	2.9	0.0	27.5	50
28/05/2024 10:40	2.2	134	12	3.4	0.0	27.1	51
28/05/2024 10:50	2.2	131	11	3.2	0.0	26.8	50
28/05/2024 11:00	1.9	111	17	2.7	0.0	27.5	48
28/05/2024 11:10	1.5	79	19	2.4	0.0	27.9	48
28/05/2024 11:20	2.1	77	17	3.4	0.0	28.1	47
28/05/2024 11:30	1.9	71	31	3.2	0.0	28.7	44
28/05/2024 11:40	1.0	164	57	2.0	0.0	29.2	41
28/05/2024 11:50	1.7	174	69	3.6	0.0	29.3	42
28/05/2024 12:00	2.6	314	12	3.5	0.0	29.3	38
28/05/2024 12:10	2.9	324	11	4.1	0.0	29.2	36
28/05/2024 12:20	3.4	298	16	4.9	0.0	29.0	37
28/05/2024 12:30	4.1	288	13	6.0	0.0	29.4	36
28/05/2024 12:40	4.4	283	10	6.0	0.0	29.3	39
28/05/2024 12:50	3.8	301	13	5.4	0.0	29.8	32
28/05/2024 13:00	2.6	339	32	4.6	0.0	30.0	30
28/05/2024 13:10	4.9	50	20	10.3	0.0	29.3	46
28/05/2024 13:20	5.3	53	12	7.8	0.0	28.4	50
28/05/2024 13:30	4.4	19	14	6.2	0.0	29.0	44
28/05/2024 13:40	4.7	10	17	7.1	0.0	28.8	48
28/05/2024 13:50	3.1	20	19	4.5	0.0	28.8	47
28/05/2024 14:00	3.6	14	16	5.7	0.0	28.3	51
28/05/2024 14:10	3.3	17	17	5.2	0.0	28.4	50
28/05/2024 14:20	3.5	19	21	5.7	0.0	28.7	48
28/05/2024 14:30	5.1	5	12	7.1	0.0	28.1	53
28/05/2024 14:40	4.8	184	12	6.7	0.0	27.9	57
28/05/2024 14:50	5.6	180	12	7.7	0.0	27.8	58
28/05/2024 15:00	4.7	18	13	6.9	0.0	27.3	62
28/05/2024 15:10	5.4	11	9	7.0	0.0	27.9	60
28/05/2024 15:20	4.3	10	12	6.4	0.0	27.4	60
28/05/2024 15:30	4.0	10	12	5.6	0.0	27.1	61
28/05/2024 15:40	3.8	178	13	5.5	0.0	27.2	60
28/05/2024 15:50	4.0	350	10	5.1	0.0	27.2	60
28/05/2024 16:00	3.8	345	14	5.5	0.0	27.2	64
28/05/2024 16:10	3.8	347	11	5.6	0.0	27.0	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/05/2024 16:20	3.6	352	15	5.0	0.0	26.8	68
28/05/2024 16:30	3.8	9	9	5.2	0.0	26.7	69
28/05/2024 16:40	4.1	186	14	6.0	0.0	26.8	68
28/05/2024 16:50	3.0	172	8	4.2	0.0	26.4	68
28/05/2024 17:00	3.2	18	9	4.4	0.0	26.3	68
28/05/2024 17:10	2.6	13	15	4.0	0.0	26.3	70
28/05/2024 17:20	3.0	16	13	4.1	0.0	26.1	68
28/05/2024 17:30	3.2	346	9	4.8	0.0	26.3	64
28/05/2024 17:40	2.7	356	9	3.7	0.0	26.4	61
28/05/2024 17:50	2.8	11	12	3.6	0.0	26.3	65
28/05/2024 18:00	3.2	21	8	4.3	0.0	26.1	67
28/05/2024 18:10	3.3	13	8	4.3	0.0	26.1	67
28/05/2024 18:20	2.8	23	13	4.2	0.0	26.2	66
28/05/2024 18:30	3.3	32	10	4.6	0.0	26.2	66
28/05/2024 18:40	3.1	28	10	4.2	0.0	26.1	67
28/05/2024 18:50	2.6	31	13	4.2	0.0	26.1	67
28/05/2024 19:00	2.7	21	11	3.7	0.0	26.1	68
28/05/2024 19:10	2.6	14	10	3.7	0.0	26.0	69
28/05/2024 19:20	2.7	23	10	3.6	0.0	26.0	69
28/05/2024 19:30	2.5	37	12	3.6	0.0	26.0	69
28/05/2024 19:40	2.8	33	8	4.3	0.0	26.0	69
28/05/2024 19:50	2.1	25	12	3.2	0.0	26.0	70
28/05/2024 20:00	2.4	23	15	3.7	0.0	26.0	70
28/05/2024 20:10	3.0	7	9	3.9	0.0	26.0	71
28/05/2024 20:20	2.9	3	10	3.8	0.0	25.9	72
28/05/2024 20:30	2.4	26	13	3.4	0.0	25.9	72
28/05/2024 20:40	1.2	22	20	2.3	0.0	25.9	72
28/05/2024 20:50	0.4	141	69	0.8	0.0	25.9	73
28/05/2024 21:00	0.8	164	15	1.4	0.0	25.9	73
28/05/2024 21:10	1.7	225	17	2.7	0.0	25.9	73
28/05/2024 21:20	1.1	290	10	1.6	0.0	25.9	74
28/05/2024 21:30	1.8	274	7	2.6	0.0	25.8	78
28/05/2024 21:40	2.4	260	5	3.0	0.0	25.5	79
28/05/2024 21:50	2.6	256	5	3.1	0.0	25.5	78
28/05/2024 22:00	2.7	256	3	3.2	0.0	25.5	78
28/05/2024 22:10	3.0	235	14	4.3	0.0	25.6	78
28/05/2024 22:20	3.0	237	10	4.1	0.0	25.6	78
28/05/2024 22:30	3.0	237	12	4.2	0.0	25.6	79
28/05/2024 22:40	3.2	244	10	4.1	0.0	25.5	79
28/05/2024 22:50	3.3	243	8	4.4	0.0	25.4	79
28/05/2024 23:00	2.7	254	13	3.8	0.0	25.4	79
28/05/2024 23:10	2.8	259	8	3.7	0.0	25.3	79
28/05/2024 23:20	4.1	261	6	5.5	0.0	25.1	79
28/05/2024 23:30	6.3	256	6	8.4	0.0	25.2	71
28/05/2024 23:40	6.0	257	8	8.0	0.0	25.1	73
28/05/2024 23:50	6.7	250	11	8.9	0.0	24.8	75
29/05/2024 00:00	6.4	244	12	9.8	0.0	24.6	72
29/05/2024 00:10	5.8	242	12	8.6	0.0	24.0	72



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/05/2024 00:20	5.9	251	8	8.7	0.0	23.5	71
29/05/2024 00:30	6.5	257	7	9.3	0.0	22.9	78
29/05/2024 00:40	5.6	258	8	8.1	0.0	22.6	79
29/05/2024 00:50	5.4	258	8	7.7	0.0	22.6	74
29/05/2024 01:00	4.4	264	6	6.0	0.0	22.7	72
29/05/2024 01:10	4.5	262	8	7.2	0.0	22.9	68
29/05/2024 01:20	5.2	250	11	7.9	0.0	22.9	65
29/05/2024 01:30	5.4	252	9	7.6	0.0	22.3	70
29/05/2024 01:40	5.6	254	8	7.6	0.1	21.6	78
29/05/2024 01:50	5.0	244	11	7.1	0.0	21.2	80
29/05/2024 02:00	4.9	253	10	7.2	0.0	21.1	81
29/05/2024 02:10	4.9	261	7	6.6	0.1	20.8	82
29/05/2024 02:20	4.5	249	11	6.5	0.0	21.1	79
29/05/2024 02:30	4.8	252	9	6.4	0.1	21.0	79
29/05/2024 02:40	5.9	257	7	8.1	0.0	20.8	81
29/05/2024 02:50	6.8	254	8	9.3	0.2	20.3	80
29/05/2024 03:00	5.7	258	6	7.5	0.2	19.4	79
29/05/2024 03:10	3.4	265	7	4.5	0.0	19.2	81
29/05/2024 03:20	2.1	281	10	3.0	0.0	19.1	82
29/05/2024 03:30	1.3	275	27	2.0	0.0	19.3	82
29/05/2024 03:40	1.2	187	18	1.7	0.0	19.3	82
29/05/2024 03:50	1.3	323	16	1.8	0.0	19.6	78
29/05/2024 04:00	2.3	25	11	3.6	0.0	19.7	80
29/05/2024 04:10	1.6	34	21	2.4	0.1	19.5	81
29/05/2024 04:20	2.1	338	27	3.6	0.0	19.7	80
29/05/2024 04:30	2.8	338	10	3.9	0.0	19.9	78
29/05/2024 04:40	2.3	319	17	4.0	0.0	20.1	79
29/05/2024 04:50	3.0	286	10	4.3	0.0	20.3	78
29/05/2024 05:00	3.2	289	10	4.6	0.0	20.4	77
29/05/2024 05:10	2.7	321	14	4.1	0.0	20.5	78
29/05/2024 05:20	3.0	329	16	4.4	0.0	20.6	78
29/05/2024 05:30	3.2	285	10	4.1	0.0	20.7	80
29/05/2024 05:40	2.4	296	11	4.1	0.0	20.7	82
29/05/2024 05:50	3.8	328	12	6.0	0.0	20.8	82
29/05/2024 06:00	3.3	283	11	5.0	0.0	21.0	81
29/05/2024 06:10	3.3	291	10	4.4	0.0	21.2	76
29/05/2024 06:20	2.9	296	8	3.9	0.0	21.5	73
29/05/2024 06:30	2.8	284	9	3.8	0.0	21.3	75
29/05/2024 06:40	3.0	273	4	3.8	0.0	21.2	78
29/05/2024 06:50	3.0	271	5	3.9	0.0	21.3	80
29/05/2024 07:00	1.9	227	12	2.8	0.0	21.4	80
29/05/2024 07:10	2.2	212	13	3.2	0.0	21.2	82
29/05/2024 07:20	2.1	203	14	3.1	0.0	21.5	80
29/05/2024 07:30	1.2	200	19	2.2	0.0	20.9	84
29/05/2024 07:40	2.0	202	16	3.2	0.0	20.5	85
29/05/2024 07:50	3.4	222	8	4.6	0.0	20.8	83
29/05/2024 08:00	3.1	224	9	4.5	0.0	20.6	84
29/05/2024 08:10	2.9	217	10	4.2	0.0	20.7	83



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/05/2024 08:20	2.3	209	12	3.4	0.0	20.8	83
29/05/2024 08:30	2.5	215	12	4.2	0.0	20.7	84
29/05/2024 08:40	2.6	218	13	4.5	0.0	20.7	84
29/05/2024 08:50	2.4	217	18	3.4	0.0	21.0	81
29/05/2024 09:00	3.2	238	8	4.3	0.0	21.2	78
29/05/2024 09:10	1.9	216	16	3.0	0.0	21.5	78
29/05/2024 09:20	2.1	180	12	3.0	0.0	21.5	79
29/05/2024 09:30	2.6	201	15	3.7	0.0	21.5	80
29/05/2024 09:40	2.6	174	13	4.0	0.0	21.1	81
29/05/2024 09:50	1.7	175	19	3.1	0.0	21.1	81
29/05/2024 10:00	1.2	167	24	2.5	0.0	21.5	79
29/05/2024 10:10	1.1	219	31	2.7	0.0	21.9	76
29/05/2024 10:20	2.9	199	11	4.3	0.0	22.1	73
29/05/2024 10:30	2.0	194	16	3.3	0.0	22.6	70
29/05/2024 10:40	3.7	206	9	5.4	0.0	23.1	62
29/05/2024 10:50	3.8	205	10	5.3	0.0	22.9	62
29/05/2024 11:00	4.3	209	10	5.7	0.0	23.0	62
29/05/2024 11:10	4.3	203	11	6.4	0.0	23.0	65
29/05/2024 11:20	4.8	201	9	6.5	0.0	23.1	66
29/05/2024 11:30	4.7	198	9	6.1	0.0	23.1	64
29/05/2024 11:40	3.7	197	11	5.4	0.0	23.3	63
29/05/2024 11:50	4.0	204	9	5.5	0.0	23.6	62
29/05/2024 12:00	3.7	208	14	5.4	0.0	24.5	59
29/05/2024 12:10	4.2	201	12	6.3	0.1	24.6	57
29/05/2024 12:20	4.4	196	15	6.7	0.0	24.7	56
29/05/2024 12:30	4.7	200	13	6.6	0.0	24.4	57
29/05/2024 12:40	5.0	207	8	6.9	0.0	24.6	56
29/05/2024 12:50	5.7	203	10	7.3	0.0	24.7	54
29/05/2024 13:00	4.8	201	12	6.9	0.0	25.0	53
29/05/2024 13:10	4.4	191	10	6.0	0.0	25.2	52
29/05/2024 13:20	3.3	182	15	5.2	0.0	25.9	48
29/05/2024 13:30	3.1	151	18	5.1	0.0	26.3	46
29/05/2024 13:40	3.4	185	16	5.3	0.0	26.3	46
29/05/2024 13:50	3.1	171	15	4.5	0.0	26.1	45
29/05/2024 14:00	3.3	196	13	5.5	0.0	26.1	46
29/05/2024 14:10	2.4	162	27	3.7	0.0	25.9	46
29/05/2024 14:20	2.1	126	9	3.2	0.0	25.8	45
29/05/2024 14:30	2.0	121	13	2.8	0.0	25.9	44
29/05/2024 14:40	2.4	111	16	3.5	0.0	26.1	44
29/05/2024 14:50	1.3	123	23	2.3	0.0	26.3	43
29/05/2024 15:00	2.1	113	12	2.9	0.0	26.4	43
29/05/2024 15:10	1.7	101	18	2.7	0.0	26.6	43
29/05/2024 15:20	1.5	87	32	2.8	0.0	27.0	40
29/05/2024 15:30	1.5	127	16	2.9	0.0	26.9	38
29/05/2024 15:40	1.8	118	27	3.0	0.0	26.9	39
29/05/2024 15:50	1.0	115	38	2.3	0.0	27.0	39
29/05/2024 16:00	0.9	136	36	1.6	0.0	26.8	39
29/05/2024 16:10	1.1	109	28	1.9	0.0	27.0	39



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/05/2024 16:20	0.9	35	33	1.6	0.0	27.0	40
29/05/2024 16:30	1.2	25	27	2.0	0.0	27.4	40
29/05/2024 16:40	1.9	183	14	2.5	0.0	26.4	48
29/05/2024 16:50	2.6	42	13	3.9	0.0	25.8	47
29/05/2024 17:00	3.2	46	10	4.5	0.0	25.5	51
29/05/2024 17:10	3.7	23	15	5.0	0.0	25.2	54
29/05/2024 17:20	3.5	23	8	4.8	0.0	25.1	55
29/05/2024 17:30	3.0	28	10	4.2	0.0	25.0	56
29/05/2024 17:40	3.0	33	9	4.2	0.0	24.8	57
29/05/2024 17:50	2.5	42	11	3.7	0.0	24.7	59
29/05/2024 18:00	2.8	24	8	4.1	0.0	24.5	59
29/05/2024 18:10	2.7	36	9	4.0	0.0	24.3	60
29/05/2024 18:20	3.4	18	7	4.2	0.0	24.2	61
29/05/2024 18:30	3.4	28	9	4.5	0.0	24.0	63
29/05/2024 18:40	3.1	29	7	4.2	0.0	23.9	64
29/05/2024 18:50	2.1	35	10	3.1	0.0	23.9	64
29/05/2024 19:00	2.0	32	8	2.8	0.0	23.9	64
29/05/2024 19:10	2.0	9	13	3.0	0.0	23.9	63
29/05/2024 19:20	2.5	14	11	3.4	0.0	23.9	64
29/05/2024 19:30	2.4	40	10	3.7	0.0	23.8	66
29/05/2024 19:40	2.7	52	7	3.5	0.0	23.8	66
29/05/2024 19:50	2.8	42	7	4.1	0.0	23.5	68
29/05/2024 20:00	3.2	36	8	4.4	0.0	23.4	68
29/05/2024 20:10	3.2	36	8	4.5	0.0	23.3	70
29/05/2024 20:20	3.0	41	8	4.2	0.0	23.2	71
29/05/2024 20:30	2.8	39	9	4.7	0.0	23.1	73
29/05/2024 20:40	3.4	54	7	4.7	0.0	23.1	73
29/05/2024 20:50	2.5	51	7	3.8	0.0	23.1	72
29/05/2024 21:00	2.3	54	6	3.6	0.0	23.1	72
29/05/2024 21:10	1.7	47	7	2.4	0.0	23.0	72
29/05/2024 21:20	1.7	30	9	2.3	0.0	23.0	72
29/05/2024 21:30	2.1	9	9	3.4	0.0	23.0	72
29/05/2024 21:40	2.3	16	9	3.4	0.0	23.1	72
29/05/2024 21:50	1.9	30	7	2.9	0.0	23.1	72
29/05/2024 22:00	1.4	21	10	1.9	0.0	23.1	72
29/05/2024 22:10	1.2	189	14	1.7	0.0	23.0	73
29/05/2024 22:20	0.7	46	16	1.1	0.0	22.8	73
29/05/2024 22:30	0.8	16	19	1.1	0.0	22.7	73
29/05/2024 22:40	1.2	182	8	1.6	0.0	22.8	73
29/05/2024 22:50	1.2	173	9	1.5	0.0	23.1	71
29/05/2024 23:00	0.9	337	38	1.3	0.0	23.0	71
29/05/2024 23:10	1.0	200	19	1.5	0.0	22.7	73
29/05/2024 23:20	0.4	19	52	0.7	0.0	22.7	73
29/05/2024 23:30	1.0	77	12	1.3	0.0	22.2	76
29/05/2024 23:40	1.4	71	16	1.7	0.0	22.1	77
29/05/2024 23:50	1.3	55	11	1.7	0.0	21.8	76
30/05/2024 00:00	1.6	66	8	1.8	0.0	21.9	76
30/05/2024 00:10	1.6	53	6	1.9	0.0	22.0	74



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/05/2024 00:20	1.8	61	7	2.4	0.0	22.2	74
30/05/2024 00:30	1.3	53	13	1.9	0.0	22.0	75
30/05/2024 00:40	0.8	45	21	1.5	0.0	22.1	76
30/05/2024 00:50	1.1	60	11	1.4	0.0	22.1	76
30/05/2024 01:00	2.1	106	16	3.6	0.0	22.4	78
30/05/2024 01:10	1.4	91	15	2.3	0.0	22.3	81
30/05/2024 01:20	2.1	111	14	3.8	0.0	22.3	82
30/05/2024 01:30	2.7	112	12	4.1	0.0	22.5	80
30/05/2024 01:40	2.6	108	13	3.7	0.0	22.5	80
30/05/2024 01:50	3.3	113	11	4.7	0.0	22.5	79
30/05/2024 02:00	3.6	114	9	4.9	0.0	22.4	79
30/05/2024 02:10	3.4	111	11	5.0	0.0	22.4	79
30/05/2024 02:20	3.2	112	12	5.2	0.0	22.4	79
30/05/2024 02:30	3.4	112	11	5.5	0.0	22.4	78
30/05/2024 02:40	3.7	114	9	5.3	0.0	22.4	78
30/05/2024 02:50	2.9	113	10	4.5	0.0	22.3	79
30/05/2024 03:00	2.6	110	11	4.0	0.0	22.2	79
30/05/2024 03:10	2.7	101	12	4.4	0.0	22.1	80
30/05/2024 03:20	2.9	109	14	4.5	0.0	22.1	79
30/05/2024 03:30	3.1	113	10	4.3	0.0	22.1	79
30/05/2024 03:40	3.3	116	11	5.0	0.0	22.0	80
30/05/2024 03:50	2.9	113	11	4.3	0.0	21.8	81
30/05/2024 04:00	3.7	116	10	5.9	0.0	21.7	81
30/05/2024 04:10	3.8	116	11	5.6	0.0	21.6	80
30/05/2024 04:20	3.0	108	13	4.9	0.0	21.6	79
30/05/2024 04:30	3.5	112	12	5.5	0.0	21.6	78
30/05/2024 04:40	3.5	112	12	5.3	0.0	21.6	77
30/05/2024 04:50	3.5	113	11	5.7	0.0	21.6	77
30/05/2024 05:00	3.3	111	12	5.0	0.0	21.6	77
30/05/2024 05:10	3.3	115	12	5.0	0.0	21.6	79
30/05/2024 05:20	3.1	107	13	4.8	0.0	21.5	78
30/05/2024 05:30	3.4	114	11	5.2	0.0	21.4	79
30/05/2024 05:40	3.5	112	11	5.3	0.0	21.3	78
30/05/2024 05:50	3.5	115	11	4.9	0.0	21.3	79
30/05/2024 06:00	2.3	119	15	3.9	0.0	21.2	79
30/05/2024 06:10	2.7	117	13	4.9	0.0	21.2	78
30/05/2024 06:20	2.3	119	17	4.7	0.0	21.1	78
30/05/2024 06:30	2.3	120	18	4.2	0.0	21.0	76
30/05/2024 06:40	2.3	120	15	4.7	0.0	21.0	76
30/05/2024 06:50	2.6	140	14	4.0	0.0	20.9	77
30/05/2024 07:00	2.6	142	13	3.8	0.0	20.9	77
30/05/2024 07:10	2.2	134	18	3.7	0.0	20.9	77
30/05/2024 07:20	2.9	122	17	4.5	0.0	21.0	75
30/05/2024 07:30	3.8	115	10	6.2	0.0	21.1	74
30/05/2024 07:40	3.1	117	13	4.6	0.0	21.3	74
30/05/2024 07:50	2.7	121	15	4.5	0.0	21.5	74
30/05/2024 08:00	2.5	123	17	3.9	0.0	21.6	73
30/05/2024 08:10	3.6	114	10	5.6	0.0	21.5	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/05/2024 08:20	4.3	115	9	5.7	0.0	21.6	73
30/05/2024 08:30	4.4	115	11	6.7	0.0	21.9	71
30/05/2024 08:40	4.3	114	11	6.1	0.0	21.8	71
30/05/2024 08:50	4.5	116	12	6.9	0.0	22.1	70
30/05/2024 09:00	5.2	112	12	7.7	0.0	22.3	69
30/05/2024 09:10	5.7	110	11	8.2	0.0	22.7	66
30/05/2024 09:20	6.0	112	11	9.8	0.0	23.0	65
30/05/2024 09:30	6.2	111	11	9.1	0.0	23.3	63
30/05/2024 09:40	6.0	109	11	9.2	0.0	23.5	62
30/05/2024 09:50	6.5	112	13	9.9	0.0	23.7	60
30/05/2024 10:00	6.4	109	11	9.7	0.0	24.0	55
30/05/2024 10:10	6.3	110	11	9.3	0.0	24.2	53
30/05/2024 10:20	6.6	114	9	9.4	0.0	24.2	51
30/05/2024 10:30	6.1	111	11	9.7	0.0	24.5	48
30/05/2024 10:40	6.6	111	10	9.8	0.0	24.6	46
30/05/2024 10:50	6.5	113	11	9.3	0.0	24.7	46
30/05/2024 11:00	5.9	109	12	8.2	0.0	25.1	45
30/05/2024 11:10	5.5	110	11	7.9	0.0	25.3	43
30/05/2024 11:20	5.3	108	13	7.9	0.0	25.6	40
30/05/2024 11:30	5.5	108	13	8.4	0.0	25.8	40
30/05/2024 11:40	5.4	100	12	7.6	0.0	26.0	41
30/05/2024 11:50	5.6	94	12	8.9	0.0	26.3	40
30/05/2024 12:00	6.6	89	7	9.1	0.0	26.0	42
30/05/2024 12:10	6.6	84	9	8.9	0.0	25.8	42
30/05/2024 12:20	6.1	86	8	8.5	0.0	25.9	42
30/05/2024 12:30	6.9	85	8	9.1	0.0	25.8	42
30/05/2024 12:40	6.5	83	9	8.9	0.0	25.9	42
30/05/2024 12:50	6.7	80	9	9.1	0.0	25.8	42
30/05/2024 13:00	7.1	72	6	9.3	0.0	25.6	42
30/05/2024 13:10	7.5	72	7	9.4	0.0	25.5	43
30/05/2024 13:20	6.7	77	9	9.2	0.0	25.8	43
30/05/2024 13:30	6.4	81	9	9.3	0.0	25.9	43
30/05/2024 13:40	6.9	83	7	9.9	0.0	25.7	43
30/05/2024 13:50	6.5	79	9	9.1	0.0	25.9	42
30/05/2024 14:00	6.5	61	10	9.0	0.0	26.0	42
30/05/2024 14:10	7.2	57	7	9.1	0.0	25.8	42
30/05/2024 14:20	5.8	71	10	8.0	0.0	25.8	41
30/05/2024 14:30	5.7	73	11	7.9	0.0	26.1	40
30/05/2024 14:40	6.0	66	10	8.4	0.0	26.1	40
30/05/2024 14:50	6.2	60	8	8.1	0.0	26.0	41
30/05/2024 15:00	6.9	56	7	8.7	0.0	25.7	42
30/05/2024 15:10	6.7	59	8	9.1	0.0	25.7	42
30/05/2024 15:20	6.7	58	7	8.1	0.0	25.7	41
30/05/2024 15:30	6.5	59	7	8.2	0.0	25.7	42
30/05/2024 15:40	6.3	60	9	8.4	0.0	25.6	42
30/05/2024 15:50	5.6	62	9	7.2	0.0	26.0	42
30/05/2024 16:00	6.0	56	8	7.9	0.0	25.7	43
30/05/2024 16:10	5.5	56	7	7.0	0.0	25.7	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/05/2024 16:20	5.7	50	6	7.0	0.0	25.7	42
30/05/2024 16:30	5.8	51	7	7.5	0.0	25.5	43
30/05/2024 16:40	5.8	57	7	7.3	0.0	25.5	42
30/05/2024 16:50	5.2	59	7	6.9	0.0	25.3	45
30/05/2024 17:00	4.4	49	7	6.1	0.0	25.2	46
30/05/2024 17:10	3.4	51	7	5.0	0.0	25.3	44
30/05/2024 17:20	3.5	55	6	4.9	0.0	25.0	44
30/05/2024 17:30	3.3	54	6	4.5	0.0	24.8	45
30/05/2024 17:40	2.8	51	6	3.6	0.0	24.5	47
30/05/2024 17:50	2.7	48	4	3.4	0.0	24.1	48
30/05/2024 18:00	2.8	54	4	3.3	0.0	23.6	52
30/05/2024 18:10	2.8	45	5	3.4	0.0	23.5	52
30/05/2024 18:20	2.5	49	6	3.0	0.0	23.5	52
30/05/2024 18:30	2.3	48	7	2.9	0.0	23.6	51
30/05/2024 18:40	2.0	42	4	2.5	0.0	23.6	51
30/05/2024 18:50	1.5	50	7	1.9	0.0	23.5	50
30/05/2024 19:00	1.5	49	4	1.8	0.0	23.4	51
30/05/2024 19:10	1.5	49	3	1.8	0.0	23.3	51
30/05/2024 19:20	1.6	52	4	1.8	0.0	23.2	52
30/05/2024 19:30	1.7	57	3	1.9	0.0	23.4	52
30/05/2024 19:40	1.6	54	4	1.8	0.0	23.2	53
30/05/2024 19:50	1.6	50	4	1.8	0.0	23.0	55
30/05/2024 20:00	1.6	57	6	1.9	0.0	22.9	56
30/05/2024 20:10	1.6	52	5	1.8	0.0	22.7	58
30/05/2024 20:20	1.2	50	6	1.6	0.0	22.6	58
30/05/2024 20:30	1.0	55	8	1.3	0.0	22.4	59
30/05/2024 20:40	1.2	41	5	1.5	0.0	22.2	60
30/05/2024 20:50	1.8	46	4	2.3	0.0	21.9	61
30/05/2024 21:00	2.5	42	5	3.1	0.0	21.9	63
30/05/2024 21:10	2.6	43	3	3.0	0.0	22.0	64
30/05/2024 21:20	2.2	40	5	2.9	0.0	22.1	65
30/05/2024 21:30	2.3	40	4	2.8	0.0	22.2	66
30/05/2024 21:40	2.2	41	4	2.5	0.0	22.2	66
30/05/2024 21:50	2.2	43	3	2.7	0.0	22.1	67
30/05/2024 22:00	2.4	45	2	2.7	0.0	22.2	67
30/05/2024 22:10	2.2	46	2	2.6	0.0	22.3	68
30/05/2024 22:20	2.0	48	2	2.3	0.0	22.1	69
30/05/2024 22:30	1.8	50	2	2.0	0.0	22.0	70
30/05/2024 22:40	1.5	48	2	1.7	0.0	21.8	70
30/05/2024 22:50	0.8	130	25	1.4	0.0	21.6	71
30/05/2024 23:00	1.1	231	12	1.6	0.0	21.8	70
30/05/2024 23:10	1.3	255	17	2.0	0.0	22.1	70
30/05/2024 23:20	0.7	275	18	1.1	0.0	22.3	70
30/05/2024 23:30	0.9	242	13	1.4	0.0	22.4	70
30/05/2024 23:40	1.0	254	23	1.5	0.0	22.3	71
30/05/2024 23:50	0.8	265	16	1.3	0.0	22.1	71
31/05/2024 00:00	1.0	286	17	1.5	0.0	22.0	72
31/05/2024 00:10	0.5	71	31	0.8	0.0	21.7	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/05/2024 00:20	0.4	43	60	0.8	0.0	21.7	73
31/05/2024 00:30	0.6	242	43	1.1	0.0	21.4	75
31/05/2024 00:40	0.7	236	27	1.3	0.0	21.6	75
31/05/2024 00:50	1.1	278	16	1.9	0.0	21.5	75
31/05/2024 01:00	0.7	297	36	1.1	0.0	21.3	75
31/05/2024 01:10	0.5	348	39	0.9	0.0	21.2	75
31/05/2024 01:20	1.8	178	17	3.1	0.0	21.6	68
31/05/2024 01:30	1.7	176	9	2.4	0.0	22.0	64
31/05/2024 01:40	1.7	179	13	2.6	0.0	21.9	65
31/05/2024 01:50	1.9	183	9	2.5	0.0	21.9	65
31/05/2024 02:00	1.8	177	13	3.2	0.0	22.0	64
31/05/2024 02:10	1.2	176	15	2.1	0.0	22.0	63
31/05/2024 02:20	1.1	160	39	1.8	0.0	21.8	64
31/05/2024 02:30	0.3	114	58	0.6	0.0	21.5	66
31/05/2024 02:40	0.7	114	45	1.4	0.0	21.4	67
31/05/2024 02:50	0.7	167	38	1.3	0.0	20.8	69
31/05/2024 03:00	1.1	92	29	1.8	0.0	21.3	68
31/05/2024 03:10	0.6	16	37	1.1	0.0	21.3	68
31/05/2024 03:20	1.2	63	20	2.1	0.0	20.9	70
31/05/2024 03:30	2.2	110	15	3.3	0.0	20.9	70
31/05/2024 03:40	1.7	107	17	3.0	0.0	21.0	69
31/05/2024 03:50	2.3	113	21	4.1	0.0	20.9	73
31/05/2024 04:00	1.7	134	23	2.7	0.0	21.5	72
31/05/2024 04:10	1.5	164	19	2.7	0.0	21.5	72
31/05/2024 04:20	1.0	136	23	2.3	0.0	21.3	73
31/05/2024 04:30	2.5	137	15	4.1	0.0	21.5	75
31/05/2024 04:40	2.2	135	19	3.7	0.0	21.5	74
31/05/2024 04:50	2.9	135	18	4.6	0.0	21.3	73
31/05/2024 05:00	2.4	133	20	4.8	0.0	21.4	73
31/05/2024 05:10	2.1	126	24	4.4	0.0	21.2	75
31/05/2024 05:20	1.9	133	28	4.3	0.0	21.2	76
31/05/2024 05:30	1.9	126	23	3.7	0.0	21.2	78
31/05/2024 05:40	3.2	113	19	5.8	0.0	21.2	78
31/05/2024 05:50	4.3	114	12	6.7	0.0	21.3	78
31/05/2024 06:00	4.7	114	11	6.7	0.0	21.4	79
31/05/2024 06:10	5.2	113	10	7.5	0.0	21.5	79
31/05/2024 06:20	5.0	113	12	7.5	0.0	21.5	80
31/05/2024 06:30	6.2	114	8	8.7	0.0	21.4	80
31/05/2024 06:40	6.3	113	9	8.5	0.0	21.4	81
31/05/2024 06:50	6.6	112	9	9.0	0.0	21.3	80
31/05/2024 07:00	6.0	112	10	8.5	0.0	21.2	81
31/05/2024 07:10	5.8	112	12	8.3	0.0	21.2	81
31/05/2024 07:20	5.5	108	13	8.9	0.0	21.4	80
31/05/2024 07:30	6.0	111	10	9.4	0.0	21.5	79
31/05/2024 07:40	6.1	109	11	8.9	0.0	21.6	79
31/05/2024 07:50	6.9	112	10	10.5	0.0	21.6	78
31/05/2024 08:00	5.9	109	13	8.9	0.0	21.8	77
31/05/2024 08:10	6.9	108	10	9.8	0.0	22.1	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/05/2024 08:20	7.3	110	9	10.8	0.0	22.1	73
31/05/2024 08:30	7.1	108	12	10.3	0.0	22.4	70
31/05/2024 08:40	8.0	100	11	12.8	0.0	22.8	67
31/05/2024 08:50	7.6	99	11	12.0	0.0	22.8	67
31/05/2024 09:00	7.2	100	10	11.0	0.0	23.0	66
31/05/2024 09:10	7.5	96	11	11.2	0.0	23.1	64
31/05/2024 09:20	7.0	96	10	10.9	0.0	23.4	64
31/05/2024 09:30	7.5	97	11	10.7	0.0	23.5	63
31/05/2024 09:40	7.7	97	10	10.6	0.0	23.6	63
31/05/2024 09:50	8.6	94	10	12.3	0.0	23.5	62
31/05/2024 10:00	8.7	90	7	12.4	0.0	23.5	62
31/05/2024 10:10	8.8	89	8	11.8	0.0	23.8	62
31/05/2024 10:20	9.9	89	7	13.2	0.0	23.6	62
31/05/2024 10:30	9.0	85	9	13.2	0.0	23.7	61
31/05/2024 10:40	10.4	91	7	14.5	0.0	23.6	62
31/05/2024 10:50	9.1	90	8	12.3	0.0	23.9	61
31/05/2024 11:00	8.6	91	8	11.7	0.0	24.2	61
31/05/2024 11:10	8.6	89	9	11.9	0.0	24.2	60
31/05/2024 11:20	8.7	88	9	11.3	0.0	24.4	59
31/05/2024 11:30	9.4	86	6	13.3	0.0	24.3	58
31/05/2024 11:40	9.3	85	7	12.7	0.0	24.4	58
31/05/2024 11:50	7.8	86	9	11.3	0.0	24.6	59
31/05/2024 12:00	8.2	89	7	11.4	0.0	24.7	60
31/05/2024 12:10	7.6	86	9	11.6	0.0	24.9	57
31/05/2024 12:20	8.2	85	8	11.3	0.0	24.5	59
31/05/2024 12:30	7.2	88	7	9.8	0.0	24.8	59
31/05/2024 12:40	8.0	85	7	11.4	0.0	24.8	57
31/05/2024 12:50	8.1	84	9	10.7	0.0	24.9	55
31/05/2024 13:00	8.2	76	8	11.2	0.0	24.9	55
31/05/2024 13:10	8.3	76	7	10.8	0.0	24.6	56
31/05/2024 13:20	8.2	81	8	10.5	0.0	25.0	53
31/05/2024 13:30	7.7	83	7	9.9	0.0	25.4	52
31/05/2024 13:40	7.6	81	8	10.7	0.0	25.7	50
31/05/2024 13:50	7.9	82	7	10.7	0.0	25.8	48
31/05/2024 14:00	6.9	75	9	10.1	0.0	26.0	48
31/05/2024 14:10	7.4	61	7	10.4	0.0	25.8	49
31/05/2024 14:20	7.4	61	8	9.6	0.0	25.7	49
31/05/2024 14:30	7.1	69	7	9.8	0.0	25.8	49
31/05/2024 14:40	7.8	66	7	11.0	0.0	25.6	49
31/05/2024 14:50	7.9	61	8	10.2	0.0	25.6	48
31/05/2024 15:00	7.2	66	9	9.8	0.0	25.8	47
31/05/2024 15:10	7.4	68	9	9.7	0.0	25.9	47
31/05/2024 15:20	7.2	65	9	9.6	0.0	25.8	47
31/05/2024 15:30	7.5	65	10	10.0	0.0	25.7	47
31/05/2024 15:40	6.8	60	8	9.2	0.0	25.8	48
31/05/2024 15:50	6.9	62	7	8.9	0.0	25.8	48
31/05/2024 16:00	6.5	64	8	8.9	0.0	25.7	50
31/05/2024 16:10	6.5	61	8	9.2	0.0	25.6	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/05/2024 16:20	6.7	52	8	8.9	0.0	25.3	53
31/05/2024 16:30	6.5	53	6	8.3	0.0	25.2	53
31/05/2024 16:40	6.1	57	7	8.0	0.0	25.1	54
31/05/2024 16:50	6.3	56	6	7.8	0.0	24.9	56
31/05/2024 17:00	6.0	55	7	7.6	0.0	24.8	57
31/05/2024 17:10	5.8	59	8	7.6	0.0	24.6	57
31/05/2024 17:20	5.6	57	6	7.3	0.0	24.5	58
31/05/2024 17:30	5.0	59	7	6.7	0.0	24.3	59
31/05/2024 17:40	5.0	57	6	6.6	0.0	24.2	59
31/05/2024 17:50	4.7	58	5	5.8	0.0	24.1	60
31/05/2024 18:00	4.3	55	6	6.1	0.0	24.0	61
31/05/2024 18:10	4.2	54	7	5.6	0.0	23.9	61
31/05/2024 18:20	2.9	54	7	4.0	0.0	23.7	61
31/05/2024 18:30	3.2	58	6	5.1	0.0	23.5	63
31/05/2024 18:40	3.3	58	6	4.5	0.0	23.5	64
31/05/2024 18:50	2.5	55	5	3.4	0.0	23.3	64
31/05/2024 19:00	2.5	55	5	3.2	0.0	23.1	64
31/05/2024 19:10	2.2	56	4	2.6	0.0	22.9	66
31/05/2024 19:20	2.7	54	3	3.3	0.0	22.7	67
31/05/2024 19:30	3.0	50	3	3.5	0.0	22.6	67
31/05/2024 19:40	3.0	52	3	3.7	0.0	22.6	67
31/05/2024 19:50	2.9	53	3	3.7	0.0	22.7	67
31/05/2024 20:00	2.5	52	3	3.0	0.0	22.6	67
31/05/2024 20:10	2.5	57	2	2.9	0.0	22.3	68
31/05/2024 20:20	2.5	57	3	2.9	0.0	22.6	69
31/05/2024 20:30	2.3	60	4	2.8	0.0	22.6	69
31/05/2024 20:40	2.8	74	4	3.4	0.0	22.4	70
31/05/2024 20:50	2.5	72	4	3.1	0.0	22.4	71
31/05/2024 21:00	2.5	72	5	3.4	0.0	22.3	72
31/05/2024 21:10	2.1	74	7	3.1	0.0	22.2	73
31/05/2024 21:20	2.4	74	5	3.2	0.0	22.2	75
31/05/2024 21:30	2.3	81	8	3.1	0.0	22.5	76
31/05/2024 21:40	2.0	79	9	3.1	0.0	22.5	78
31/05/2024 21:50	1.6	90	10	2.1	0.0	22.4	80
31/05/2024 22:00	2.0	111	14	3.2	0.0	22.4	81
31/05/2024 22:10	2.0	83	11	2.7	0.0	22.3	81
31/05/2024 22:20	1.8	88	13	2.8	0.0	22.1	81
31/05/2024 22:30	1.9	97	12	3.0	0.0	22.1	80
31/05/2024 22:40	1.7	97	15	2.9	0.0	22.3	79
31/05/2024 22:50	1.8	100	17	3.4	0.0	22.2	80
31/05/2024 23:00	1.7	90	14	2.8	0.0	22.1	80
31/05/2024 23:10	1.8	98	15	3.5	0.0	21.9	80
31/05/2024 23:20	2.3	109	14	4.1	0.0	22.2	80
31/05/2024 23:30	3.3	113	9	4.8	0.0	22.5	79
31/05/2024 23:40	3.4	115	10	4.9	0.0	22.5	80
31/05/2024 23:50	3.1	118	10	4.5	0.0	22.4	80
01/06/2024 00:00	3.7	112	9	5.6	0.0	22.3	80
01/06/2024 00:10	3.8	113	8	5.3	0.0	22.3	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/06/2024 00:20	3.9	113	10	5.5	0.0	22.2	81
01/06/2024 00:30	4.2	112	9	5.7	0.0	22.2	81
01/06/2024 00:40	4.0	111	10	5.7	0.0	22.2	81
01/06/2024 00:50	4.7	114	9	7.1	0.0	22.0	81
01/06/2024 01:00	4.7	114	8	6.2	0.0	21.9	82
01/06/2024 01:10	4.9	111	9	6.4	0.0	21.8	82
01/06/2024 01:20	4.7	113	9	6.0	0.0	21.7	83
01/06/2024 01:30	4.2	109	11	6.3	0.0	21.7	83
01/06/2024 01:40	4.1	109	11	6.1	0.0	21.6	84
01/06/2024 01:50	3.7	108	11	5.7	0.0	21.6	84
01/06/2024 02:00	3.8	107	12	6.1	0.0	21.6	84
01/06/2024 02:10	4.2	108	12	6.3	0.0	21.6	83
01/06/2024 02:20	3.8	108	12	5.5	0.0	21.5	82
01/06/2024 02:30	4.1	108	11	6.3	0.0	21.5	81
01/06/2024 02:40	4.3	109	13	6.3	0.0	21.7	77
01/06/2024 02:50	4.3	110	11	6.7	0.0	21.8	76
01/06/2024 03:00	4.2	106	12	6.4	0.0	21.8	76
01/06/2024 03:10	4.5	106	12	7.4	0.0	21.9	75
01/06/2024 03:20	4.8	106	12	7.0	0.0	22.1	72
01/06/2024 03:30	5.4	98	11	8.3	0.0	22.1	68
01/06/2024 03:40	6.3	99	12	9.4	0.0	22.5	60
01/06/2024 03:50	5.5	97	10	8.2	0.0	22.2	61
01/06/2024 04:00	5.3	97	11	8.2	0.0	22.1	59
01/06/2024 04:10	5.2	98	10	8.2	0.0	22.1	55
01/06/2024 04:20	5.4	104	12	8.7	0.0	22.0	53
01/06/2024 04:30	5.2	107	13	7.6	0.0	21.8	52
01/06/2024 04:40	5.2	108	13	7.5	0.0	21.6	53
01/06/2024 04:50	5.6	111	11	8.2	0.0	21.4	52
01/06/2024 05:00	6.3	111	10	9.2	0.0	21.3	52
01/06/2024 05:10	6.5	110	11	9.5	0.0	21.2	51
01/06/2024 05:20	6.5	110	11	8.7	0.0	21.3	51
01/06/2024 05:30	6.7	109	11	9.7	0.0	21.3	50
01/06/2024 05:40	6.5	111	10	9.9	0.0	21.3	50
01/06/2024 05:50	6.5	109	12	9.6	0.0	21.3	49
01/06/2024 06:00	6.3	109	11	9.5	0.0	21.4	49
01/06/2024 06:10	5.8	108	11	9.6	0.0	21.4	49
01/06/2024 06:20	6.4	106	12	9.3	0.0	21.4	49
01/06/2024 06:30	6.1	106	11	9.5	0.0	21.3	47
01/06/2024 06:40	5.7	108	12	8.6	0.0	21.2	48
01/06/2024 06:50	6.4	106	11	10.0	0.0	21.2	47
01/06/2024 07:00	5.6	104	13	8.5	0.0	21.2	48
01/06/2024 07:10	5.7	102	11	9.9	0.0	21.3	46
01/06/2024 07:20	6.5	97	11	9.7	0.0	21.4	45
01/06/2024 07:30	6.9	98	11	10.8	0.0	21.6	44
01/06/2024 07:40	6.5	99	11	9.6	0.0	21.8	44
01/06/2024 07:50	6.6	98	11	10.2	0.0	21.9	44
01/06/2024 08:00	7.3	95	10	10.5	0.0	22.1	45
01/06/2024 08:10	7.6	93	8	10.9	0.0	22.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/06/2024 08:20	8.0	93	10	11.5	0.0	22.3	45
01/06/2024 08:30	9.2	92	8	12.3	0.0	22.2	46
01/06/2024 08:40	7.8	95	9	11.3	0.0	22.4	46
01/06/2024 08:50	7.5	94	9	11.0	0.0	22.4	47
01/06/2024 09:00	7.9	91	7	11.4	0.0	22.5	47
01/06/2024 09:10	7.7	95	9	10.9	0.0	22.7	48
01/06/2024 09:20	7.6	93	8	10.7	0.0	23.0	49
01/06/2024 09:30	8.1	93	8	12.8	0.0	23.3	48
01/06/2024 09:40	8.8	91	7	12.2	0.0	23.3	48
01/06/2024 09:50	8.5	92	9	11.4	0.0	23.6	49
01/06/2024 10:00	8.3	92	9	11.7	0.0	23.9	49
01/06/2024 10:10	8.4	93	7	11.9	0.0	24.2	49
01/06/2024 10:20	8.7	91	8	12.5	0.0	24.5	48
01/06/2024 10:30	9.3	91	7	13.3	0.0	24.7	47
01/06/2024 10:40	9.8	92	8	13.7	0.0	24.6	48
01/06/2024 10:50	9.1	90	7	12.1	0.0	25.0	47
01/06/2024 11:00	9.3	90	6	13.8	0.0	25.1	47
01/06/2024 11:10	8.9	89	8	12.8	0.0	25.1	47
01/06/2024 11:20	8.9	87	7	12.4	0.0	25.2	47
01/06/2024 11:30	8.5	87	8	11.4	0.0	25.4	47
01/06/2024 11:40	9.2	86	8	13.2	0.0	25.4	46
01/06/2024 11:50	8.2	86	8	11.3	0.0	25.5	47
01/06/2024 12:00	9.3	87	7	12.3	0.0	25.5	46
01/06/2024 12:10	8.8	88	9	13.0	0.0	25.6	47
01/06/2024 12:20	9.3	85	6	12.6	0.0	25.5	46
01/06/2024 12:30	8.7	86	8	12.0	0.0	25.7	46
01/06/2024 12:40	8.4	85	8	11.9	0.0	25.9	44
01/06/2024 12:50	8.3	88	8	11.2	0.0	25.8	44
01/06/2024 13:00	8.2	85	7	11.8	0.0	25.9	44
01/06/2024 13:10	8.1	87	7	11.0	0.0	26.0	45
01/06/2024 13:20	8.6	87	8	11.7	0.0	25.9	44
01/06/2024 13:30	8.7	87	6	11.7	0.0	25.8	43
01/06/2024 13:40	8.9	87	6	11.5	0.0	25.6	44
01/06/2024 13:50	8.0	88	7	11.3	0.0	25.9	45
01/06/2024 14:00	7.2	87	8	9.6	0.0	26.1	45
01/06/2024 14:10	8.1	87	7	11.0	0.0	26.0	46
01/06/2024 14:20	7.4	81	9	10.5	0.0	26.1	47
01/06/2024 14:30	8.4	77	6	11.0	0.0	25.7	48
01/06/2024 14:40	7.8	83	7	10.6	0.0	25.9	50
01/06/2024 14:50	7.7	84	7	10.5	0.0	26.0	52
01/06/2024 15:00	8.3	84	8	11.1	0.0	25.8	54
01/06/2024 15:10	7.2	79	8	9.8	0.0	25.9	54
01/06/2024 15:20	7.2	76	9	9.6	0.0	25.8	54
01/06/2024 15:30	6.6	71	9	8.9	0.0	25.8	55
01/06/2024 15:40	6.9	65	8	9.9	0.0	25.5	55
01/06/2024 15:50	7.7	67	7	10.1	0.0	25.4	56
01/06/2024 16:00	7.4	71	8	9.6	0.0	25.2	57
01/06/2024 16:10	7.4	67	8	9.4	0.0	25.2	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/06/2024 16:20	7.6	65	7	9.5	0.0	25.1	59
01/06/2024 16:30	6.7	63	8	9.2	0.0	25.0	60
01/06/2024 16:40	6.3	63	7	8.7	0.0	24.8	61
01/06/2024 16:50	6.6	63	7	8.9	0.0	24.6	63
01/06/2024 17:00	6.1	64	7	8.3	0.0	24.6	63
01/06/2024 17:10	6.2	65	6	8.1	0.0	24.5	65
01/06/2024 17:20	5.4	63	7	7.6	0.0	24.4	66
01/06/2024 17:30	5.8	64	7	7.6	0.0	24.4	67
01/06/2024 17:40	4.6	62	7	6.3	0.0	24.3	69
01/06/2024 17:50	4.4	59	7	6.0	0.0	24.2	70
01/06/2024 18:00	4.1	59	7	5.5	0.0	24.2	71
01/06/2024 18:10	3.9	60	8	6.0	0.0	24.3	72
01/06/2024 18:20	4.0	61	7	5.7	0.0	24.3	73
01/06/2024 18:30	4.7	60	7	6.5	0.0	24.3	73
01/06/2024 18:40	4.6	59	8	6.7	0.0	24.3	73
01/06/2024 18:50	4.6	60	7	5.9	0.0	24.2	72
01/06/2024 19:00	4.1	56	7	5.5	0.0	24.2	73
01/06/2024 19:10	4.1	57	7	5.6	0.0	24.1	74
01/06/2024 19:20	4.0	59	7	5.5	0.0	24.1	75
01/06/2024 19:30	4.1	64	8	5.6	0.0	24.1	75
01/06/2024 19:40	3.9	62	7	5.5	0.0	24.1	76
01/06/2024 19:50	3.1	64	6	4.7	0.0	24.1	76
01/06/2024 20:00	3.0	60	8	4.7	0.0	24.2	76
01/06/2024 20:10	3.4	65	7	4.9	0.0	24.2	75
01/06/2024 20:20	3.0	66	8	4.4	0.0	24.3	76
01/06/2024 20:30	3.2	70	6	4.3	0.0	24.3	77
01/06/2024 20:40	2.5	69	9	3.6	0.0	24.3	77
01/06/2024 20:50	1.6	61	14	2.7	0.0	24.3	76
01/06/2024 21:00	2.0	49	13	3.3	0.0	24.4	74
01/06/2024 21:10	2.2	50	13	3.7	0.0	24.5	74
01/06/2024 21:20	3.0	57	9	4.4	0.0	24.4	76
01/06/2024 21:30	2.2	61	6	3.0	0.0	24.1	78
01/06/2024 21:40	2.1	60	6	2.9	0.0	23.9	79
01/06/2024 21:50	1.6	65	6	2.2	0.0	23.9	80
01/06/2024 22:00	1.6	60	6	2.0	0.0	23.8	81
01/06/2024 22:10	2.1	68	4	2.4	0.0	23.6	83
01/06/2024 22:20	1.9	62	7	2.5	0.0	23.6	83
01/06/2024 22:30	2.0	57	6	2.7	0.0	23.6	84
01/06/2024 22:40	2.3	63	6	3.0	0.0	23.6	85
01/06/2024 22:50	3.0	73	5	3.8	0.0	23.6	86
01/06/2024 23:00	2.6	61	7	3.5	0.0	23.8	87
01/06/2024 23:10	1.8	53	6	2.4	0.0	23.7	87
01/06/2024 23:20	2.0	70	5	2.8	0.0	23.7	88
01/06/2024 23:30	2.5	71	6	3.2	0.0	23.8	88
01/06/2024 23:40	1.9	55	5	2.4	0.0	23.7	88
01/06/2024 23:50	1.9	58	7	2.6	0.0	23.6	89
02/06/2024 00:00	1.7	66	6	2.2	0.0	23.7	89
02/06/2024 00:10	2.0	69	4	2.4	0.0	23.7	89



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/06/2024 00:20	1.9	60	6	2.4	0.0	23.7	89
02/06/2024 00:30	2.0	64	6	2.5	0.0	23.7	88
02/06/2024 00:40	1.9	70	7	2.5	0.0	23.9	87
02/06/2024 00:50	2.4	77	5	2.9	0.0	24.0	86
02/06/2024 01:00	2.0	79	8	2.9	0.0	24.2	86
02/06/2024 01:10	1.5	78	6	2.2	0.0	24.2	86
02/06/2024 01:20	1.1	62	9	1.6	0.0	24.0	87
02/06/2024 01:30	1.5	62	6	2.0	0.0	24.0	87
02/06/2024 01:40	1.6	61	6	2.1	0.0	23.9	88
02/06/2024 01:50	1.7	59	7	2.2	0.0	23.9	88
02/06/2024 02:00	1.7	56	7	2.1	0.0	23.8	89
02/06/2024 02:10	1.9	65	6	2.3	0.0	23.8	89
02/06/2024 02:20	1.9	52	7	2.5	0.0	23.6	90
02/06/2024 02:30	1.7	51	4	2.0	0.0	23.5	90
02/06/2024 02:40	1.8	58	3	2.1	0.0	23.5	91
02/06/2024 02:50	1.8	61	5	2.1	0.0	23.6	91
02/06/2024 03:00	1.6	60	6	1.9	0.0	23.6	91
02/06/2024 03:10	1.8	73	6	2.3	0.0	23.6	91
02/06/2024 03:20	1.5	52	7	1.8	0.0	23.6	91
02/06/2024 03:30	1.6	63	6	2.0	0.0	23.6	91
02/06/2024 03:40	1.6	64	5	1.9	0.0	23.6	91
02/06/2024 03:50	1.9	75	4	2.3	0.0	23.6	91
02/06/2024 04:00	2.1	75	4	2.7	0.0	23.7	90
02/06/2024 04:10	1.8	71	5	2.1	0.0	23.7	89
02/06/2024 04:20	1.8	65	5	2.3	0.0	23.6	89
02/06/2024 04:30	1.8	84	7	2.3	0.0	23.6	90
02/06/2024 04:40	1.9	98	12	2.9	0.0	23.7	91
02/06/2024 04:50	2.0	127	18	3.8	0.0	23.7	91
02/06/2024 05:00	2.2	132	16	3.5	0.0	23.5	91
02/06/2024 05:10	2.7	115	9	3.8	0.0	23.5	92
02/06/2024 05:20	2.7	108	13	4.3	0.0	23.4	92
02/06/2024 05:30	2.6	109	12	4.3	0.0	23.4	92
02/06/2024 05:40	2.3	98	15	3.6	0.0	23.2	91
02/06/2024 05:50	2.8	81	10	4.5	0.0	23.2	90
02/06/2024 06:00	2.8	104	12	4.4	0.0	23.2	90
02/06/2024 06:10	2.9	109	12	4.9	0.0	22.9	90
02/06/2024 06:20	2.1	92	21	3.5	0.0	22.8	90
02/06/2024 06:30	2.5	94	12	3.7	0.0	22.8	89
02/06/2024 06:40	2.6	98	11	4.1	0.0	22.7	90
02/06/2024 06:50	2.4	110	15	3.6	0.0	22.6	90
02/06/2024 07:00	2.6	119	10	3.6	0.0	22.4	90
02/06/2024 07:10	3.0	113	10	4.4	0.0	22.4	90
02/06/2024 07:20	2.3	89	16	3.5	0.1	22.6	90
02/06/2024 07:30	2.6	97	13	4.2	0.2	22.7	92
02/06/2024 07:40							
02/06/2024 07:50							
02/06/2024 08:00							
02/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/06/2024 08:20							
02/06/2024 08:30							
02/06/2024 08:40							
02/06/2024 08:50							
02/06/2024 09:00							
02/06/2024 09:10							
02/06/2024 09:20							
02/06/2024 09:30							
02/06/2024 09:40							
02/06/2024 09:50							
02/06/2024 10:00							
02/06/2024 10:10							
02/06/2024 10:20							
02/06/2024 10:30							
02/06/2024 10:40							
02/06/2024 10:50							
02/06/2024 11:00							
02/06/2024 11:10							
02/06/2024 11:20							
02/06/2024 11:30							
02/06/2024 11:40							
02/06/2024 11:50							
02/06/2024 12:00							
02/06/2024 12:10							
02/06/2024 12:20							
02/06/2024 12:30							
02/06/2024 12:40							
02/06/2024 12:50							
02/06/2024 13:00							
02/06/2024 13:10							
02/06/2024 13:20							
02/06/2024 13:30							
02/06/2024 13:40							
02/06/2024 13:50							
02/06/2024 14:00							
02/06/2024 14:10							
02/06/2024 14:20							
02/06/2024 14:30							
02/06/2024 14:40							
02/06/2024 14:50							
02/06/2024 15:00							
02/06/2024 15:10							
02/06/2024 15:20							
02/06/2024 15:30							
02/06/2024 15:40							
02/06/2024 15:50							
02/06/2024 16:00							
02/06/2024 16:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/06/2024 16:20							
02/06/2024 16:30							
02/06/2024 16:40							
02/06/2024 16:50							
02/06/2024 17:00							
02/06/2024 17:10							
02/06/2024 17:20							
02/06/2024 17:30							
02/06/2024 17:40							
02/06/2024 17:50							
02/06/2024 18:00							
02/06/2024 18:10							
02/06/2024 18:20							
02/06/2024 18:30							
02/06/2024 18:40							
02/06/2024 18:50							
02/06/2024 19:00							
02/06/2024 19:10							
02/06/2024 19:20							
02/06/2024 19:30							
02/06/2024 19:40							
02/06/2024 19:50							
02/06/2024 20:00							
02/06/2024 20:10							
02/06/2024 20:20							
02/06/2024 20:30							
02/06/2024 20:40							
02/06/2024 20:50							
02/06/2024 21:00							
02/06/2024 21:10							
02/06/2024 21:20							
02/06/2024 21:30							
02/06/2024 21:40							
02/06/2024 21:50							
02/06/2024 22:00							
02/06/2024 22:10							
02/06/2024 22:20							
02/06/2024 22:30							
02/06/2024 22:40							
02/06/2024 22:50							
02/06/2024 23:00							
02/06/2024 23:10							
02/06/2024 23:20							
02/06/2024 23:30							
02/06/2024 23:40							
02/06/2024 23:50							
03/06/2024 00:00							
03/06/2024 00:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/06/2024 00:20							
03/06/2024 00:30							
03/06/2024 00:40							
03/06/2024 00:50							
03/06/2024 01:00							
03/06/2024 01:10							
03/06/2024 01:20							
03/06/2024 01:30							
03/06/2024 01:40							
03/06/2024 01:50							
03/06/2024 02:00							
03/06/2024 02:10							
03/06/2024 02:20							
03/06/2024 02:30							
03/06/2024 02:40							
03/06/2024 02:50							
03/06/2024 03:00							
03/06/2024 03:10							
03/06/2024 03:20							
03/06/2024 03:30							
03/06/2024 03:40							
03/06/2024 03:50							
03/06/2024 04:00							
03/06/2024 04:10							
03/06/2024 04:20							
03/06/2024 04:30							
03/06/2024 04:40							
03/06/2024 04:50							
03/06/2024 05:00							
03/06/2024 05:10							
03/06/2024 05:20							
03/06/2024 05:30							
03/06/2024 05:40							
03/06/2024 05:50							
03/06/2024 06:00							
03/06/2024 06:10							
03/06/2024 06:20							
03/06/2024 06:30							
03/06/2024 06:40							
03/06/2024 06:50							
03/06/2024 07:00							
03/06/2024 07:10							
03/06/2024 07:20							
03/06/2024 07:30							
03/06/2024 07:40							
03/06/2024 07:50							
03/06/2024 08:00							
03/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/06/2024 08:20							
03/06/2024 08:30							
03/06/2024 08:40							
03/06/2024 08:50							
03/06/2024 09:00							
03/06/2024 09:10							
03/06/2024 09:20							
03/06/2024 09:30							
03/06/2024 09:40							
03/06/2024 09:50							
03/06/2024 10:00							
03/06/2024 10:10							
03/06/2024 10:20							
03/06/2024 10:30							
03/06/2024 10:40							
03/06/2024 10:50							
03/06/2024 11:00							
03/06/2024 11:10							
03/06/2024 11:20							
03/06/2024 11:30							
03/06/2024 11:40							
03/06/2024 11:50							
03/06/2024 12:00							
03/06/2024 12:10							
03/06/2024 12:20							
03/06/2024 12:30							
03/06/2024 12:40							
03/06/2024 12:50							
03/06/2024 13:00							
03/06/2024 13:10							
03/06/2024 13:20							
03/06/2024 13:30							
03/06/2024 13:40							
03/06/2024 13:50							
03/06/2024 14:00							
03/06/2024 14:10							
03/06/2024 14:20							
03/06/2024 14:30							
03/06/2024 14:40							
03/06/2024 14:50							
03/06/2024 15:00							
03/06/2024 15:10							
03/06/2024 15:20							
03/06/2024 15:30							
03/06/2024 15:40							
03/06/2024 15:50							
03/06/2024 16:00							
03/06/2024 16:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/06/2024 16:20							
03/06/2024 16:30							
03/06/2024 16:40							
03/06/2024 16:50							
03/06/2024 17:00							
03/06/2024 17:10							
03/06/2024 17:20							
03/06/2024 17:30							
03/06/2024 17:40							
03/06/2024 17:50							
03/06/2024 18:00							
03/06/2024 18:10							
03/06/2024 18:20							
03/06/2024 18:30							
03/06/2024 18:40							
03/06/2024 18:50							
03/06/2024 19:00							
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Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/06/2024 00:20							
04/06/2024 00:30							
04/06/2024 00:40							
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04/06/2024 08:00							
04/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/06/2024 08:20							
04/06/2024 08:30							
04/06/2024 08:40							
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04/06/2024 16:00							
04/06/2024 16:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/06/2024 16:20							
04/06/2024 16:30							
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05/06/2024 00:00							
05/06/2024 00:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/06/2024 00:20							
05/06/2024 00:30							
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05/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/06/2024 08:20							
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05/06/2024 16:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/06/2024 16:20							
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06/06/2024 00:00							
06/06/2024 00:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/06/2024 00:20							
06/06/2024 00:30							
06/06/2024 00:40							
06/06/2024 00:50							
06/06/2024 01:00							
06/06/2024 01:10							
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06/06/2024 01:50							
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06/06/2024 04:10							
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06/06/2024 07:40							
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06/06/2024 08:00							
06/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/06/2024 08:20							
06/06/2024 08:30							
06/06/2024 08:40							
06/06/2024 08:50							
06/06/2024 09:00							
06/06/2024 09:10							
06/06/2024 09:20							
06/06/2024 09:30							
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06/06/2024 09:50							
06/06/2024 10:00							
06/06/2024 10:10							
06/06/2024 10:20							
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06/06/2024 10:40							
06/06/2024 10:50							
06/06/2024 11:00							
06/06/2024 11:10							
06/06/2024 11:20							
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06/06/2024 11:40							
06/06/2024 11:50							
06/06/2024 12:00							
06/06/2024 12:10							
06/06/2024 12:20							
06/06/2024 12:30							
06/06/2024 12:40	9.0	76	7	11.5	0.1	23.4	44
06/06/2024 12:50	7.6	81	9	11.5	0.0	23.6	42
06/06/2024 13:00	10.4	75	6	13.1	0.0	23.2	41
06/06/2024 13:10	9.4	78	7	12.2	0.0	23.2	42
06/06/2024 13:20	8.9	78	7	11.5	0.0	23.3	43
06/06/2024 13:30	9.0	80	7	11.9	0.0	23.6	42
06/06/2024 13:40	8.2	82	9	10.8	0.0	23.7	43
06/06/2024 13:50	8.2	81	7	11.6	0.0	23.7	40
06/06/2024 14:00	7.9	81	6	10.2	0.0	23.9	40
06/06/2024 14:10	7.8	80	9	10.4	0.0	24.0	39
06/06/2024 14:20	7.9	83	7	10.2	0.0	24.1	38
06/06/2024 14:30	7.4	82	7	9.6	0.0	24.1	38
06/06/2024 14:40	7.4	83	8	9.5	0.0	24.1	39
06/06/2024 14:50	6.9	59	7	8.6	0.0	23.8	43
06/06/2024 15:00	7.1	59	7	9.1	0.0	23.7	44
06/06/2024 15:10	7.1	61	7	9.0	0.0	23.5	44
06/06/2024 15:20	6.2	65	10	9.0	0.0	23.6	45
06/06/2024 15:30	6.1	61	8	8.0	0.0	23.5	46
06/06/2024 15:40	6.2	63	10	7.8	0.0	23.5	45
06/06/2024 15:50	5.9	58	10	7.7	0.0	23.4	45
06/06/2024 16:00	5.4	56	8	7.3	0.0	23.5	46
06/06/2024 16:10	5.8	61	9	7.4	0.0	23.3	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/06/2024 16:20	5.5	60	7	7.7	0.0	23.3	46
06/06/2024 16:30	5.2	51	6	7.2	0.0	23.2	48
06/06/2024 16:40	4.6	53	7	6.0	0.0	23.0	49
06/06/2024 16:50	4.4	51	6	5.8	0.0	22.9	49
06/06/2024 17:00	4.2	54	6	5.4	0.0	22.8	50
06/06/2024 17:10	4.3	54	6	6.4	0.0	22.6	51
06/06/2024 17:20	4.5	55	5	5.9	0.0	22.3	51
06/06/2024 17:30	4.0	55	7	5.3	0.0	22.1	53
06/06/2024 17:40	3.2	48	7	4.9	0.0	21.7	54
06/06/2024 17:50	3.3	49	6	4.3	0.0	21.4	55
06/06/2024 18:00	3.2	46	6	4.2	0.0	21.3	56
06/06/2024 18:10	2.5	48	8	3.5	0.0	21.2	55
06/06/2024 18:20	1.8	61	10	2.8	0.0	21.0	56
06/06/2024 18:30	2.0	51	7	2.7	0.0	20.6	56
06/06/2024 18:40	1.2	56	9	1.8	0.0	20.5	56
06/06/2024 18:50	0.6	36	11	0.8	0.0	20.5	56
06/06/2024 19:00	0.5	64	10	0.7	0.0	20.5	56
06/06/2024 19:10	0.7	69	7	1.0	0.0	20.7	57
06/06/2024 19:20	0.6	77	8	0.8	0.0	20.6	58
06/06/2024 19:30	0.8	49	5	0.9	0.0	20.6	58
06/06/2024 19:40	1.3	36	2	1.5	0.0	20.6	57
06/06/2024 19:50	1.7	44	4	2.0	0.0	20.6	58
06/06/2024 20:00	1.7	47	3	1.9	0.0	19.8	61
06/06/2024 20:10	1.7	51	1	1.9	0.0	19.2	63
06/06/2024 20:20	1.4	50	3	1.7	0.0	19.6	62
06/06/2024 20:30	1.2	56	6	1.4	0.0	19.6	63
06/06/2024 20:40	0.9	41	3	1.0	0.0	20.0	61
06/06/2024 20:50	1.1	51	3	1.5	0.0	20.3	60
06/06/2024 21:00	1.9	57	4	2.1	0.0	19.1	65
06/06/2024 21:10	1.9	47	3	2.3	0.0	18.6	68
06/06/2024 21:20	2.4	41	3	2.8	0.0	18.6	69
06/06/2024 21:30	3.1	40	3	3.7	0.0	18.7	69
06/06/2024 21:40	2.6	44	5	3.5	0.0	18.9	68
06/06/2024 21:50	1.3	57	9	1.9	0.0	18.9	68
06/06/2024 22:00	1.7	68	6	2.1	0.0	18.9	69
06/06/2024 22:10	2.1	54	6	2.6	0.0	19.0	68
06/06/2024 22:20	1.9	50	6	2.4	0.0	19.0	68
06/06/2024 22:30	1.6	55	5	2.1	0.0	19.2	67
06/06/2024 22:40	1.5	58	7	1.9	0.0	19.4	66
06/06/2024 22:50	1.1	61	7	1.5	0.0	19.5	65
06/06/2024 23:00	1.4	53	4	1.7	0.0	19.3	66
06/06/2024 23:10	1.2	52	3	1.6	0.0	18.9	67
06/06/2024 23:20	0.6	58	40	1.0	0.0	18.7	68
06/06/2024 23:30	0.6	27	5	0.7	0.0	19.1	65
06/06/2024 23:40	0.4	184	28	0.7	0.0	18.9	66
06/06/2024 23:50	0.3	48	34	0.4	0.0	18.9	66
07/06/2024 00:00	1.2	34	12	1.6	0.0	18.9	67
07/06/2024 00:10	1.3	44	5	1.5	0.0	17.9	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/06/2024 00:20	0.6	49	60	1.1	0.0	17.9	73
07/06/2024 00:30	0.8	63	9	1.1	0.0	18.6	72
07/06/2024 00:40	1.5	85	10	2.2	0.0	19.0	71
07/06/2024 00:50	2.0	117	18	3.0	0.0	19.1	77
07/06/2024 01:00	2.0	119	16	3.7	0.0	18.7	82
07/06/2024 01:10	2.7	120	12	4.1	0.0	19.3	80
07/06/2024 01:20	2.6	117	14	3.8	0.0	19.6	77
07/06/2024 01:30	2.1	119	14	3.4	0.0	19.6	76
07/06/2024 01:40	2.1	126	12	3.1	0.0	19.6	74
07/06/2024 01:50	2.1	184	22	3.4	0.0	19.1	75
07/06/2024 02:00	1.1	194	31	2.1	0.0	18.4	76
07/06/2024 02:10	1.5	188	17	2.2	0.0	18.7	72
07/06/2024 02:20	1.6	212	20	3.0	0.0	18.8	71
07/06/2024 02:30	1.1	204	27	1.8	0.0	18.6	70
07/06/2024 02:40	1.0	244	48	1.8	0.0	18.4	70
07/06/2024 02:50	0.8	272	65	1.7	0.0	18.1	70
07/06/2024 03:00	1.6	198	29	2.8	0.0	18.0	70
07/06/2024 03:10	1.9	169	20	3.0	0.0	18.0	69
07/06/2024 03:20	1.7	182	26	3.6	0.0	18.2	68
07/06/2024 03:30	1.4	185	37	2.7	0.0	18.0	68
07/06/2024 03:40	1.5	76	54	2.6	0.0	18.0	69
07/06/2024 03:50	1.4	55	35	3.4	0.0	17.8	69
07/06/2024 04:00	1.2	60	36	2.0	0.0	18.1	68
07/06/2024 04:10	1.4	88	29	2.7	0.0	18.0	67
07/06/2024 04:20	1.4	91	36	2.6	0.0	17.6	69
07/06/2024 04:30	1.2	106	43	2.3	0.0	17.9	66
07/06/2024 04:40	1.2	82	41	2.2	0.0	17.7	67
07/06/2024 04:50	2.4	111	18	4.2	0.0	18.5	61
07/06/2024 05:00	3.7	109	13	5.5	0.0	18.6	64
07/06/2024 05:10	2.7	112	11	4.0	0.0	18.3	68
07/06/2024 05:20	3.5	117	14	6.0	0.0	18.3	66
07/06/2024 05:30	4.6	110	10	7.0	0.0	18.8	59
07/06/2024 05:40	4.2	102	13	6.9	0.0	18.9	56
07/06/2024 05:50	4.5	111	12	7.1	0.0	19.0	56
07/06/2024 06:00	4.7	113	11	6.6	0.0	19.3	51
07/06/2024 06:10	4.5	116	11	7.1	0.0	19.1	51
07/06/2024 06:20	4.4	115	9	6.1	0.0	19.0	50
07/06/2024 06:30	4.4	117	9	6.7	0.0	18.8	51
07/06/2024 06:40	4.1	114	9	6.1	0.0	18.8	50
07/06/2024 06:50	4.1	113	8	6.0	0.0	18.9	48
07/06/2024 07:00	4.4	114	11	6.4	0.0	18.9	48
07/06/2024 07:10	4.3	113	11	6.2	0.0	18.9	48
07/06/2024 07:20	3.0	122	15	6.0	0.0	18.9	51
07/06/2024 07:30	2.4	136	18	4.4	0.0	18.7	52
07/06/2024 07:40	2.6	136	17	4.2	0.0	19.0	50
07/06/2024 07:50	3.2	138	15	4.9	0.0	19.1	49
07/06/2024 08:00	2.9	132	15	4.6	0.0	19.0	48
07/06/2024 08:10	2.4	124	18	4.1	0.0	19.1	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/06/2024 08:20	2.8	134	16	4.3	0.0	19.3	47
07/06/2024 08:30	3.0	132	17	4.7	0.0	19.3	47
07/06/2024 08:40	3.2	123	16	5.2	0.0	19.6	47
07/06/2024 08:50	3.1	119	16	4.7	0.0	19.6	48
07/06/2024 09:00	4.1	117	15	6.8	0.0	19.9	47
07/06/2024 09:10	4.9	111	10	7.3	0.0	20.1	46
07/06/2024 09:20	4.7	109	13	7.1	0.0	20.2	47
07/06/2024 09:30	4.7	107	12	6.4	0.0	20.4	48
07/06/2024 09:40	4.5	107	12	6.7	0.0	20.8	48
07/06/2024 09:50	5.7	98	14	9.0	0.0	22.1	41
07/06/2024 10:00	7.4	90	7	10.6	0.0	22.2	40
07/06/2024 10:10	7.1	90	8	9.6	0.0	22.3	40
07/06/2024 10:20	7.0	91	8	10.9	0.0	22.5	41
07/06/2024 10:30	7.6	88	7	10.5	0.0	22.4	40
07/06/2024 10:40	6.9	92	8	9.7	0.0	22.3	43
07/06/2024 10:50	7.7	88	7	9.7	0.0	22.4	42
07/06/2024 11:00	6.9	90	8	9.4	0.0	22.4	43
07/06/2024 11:10	6.9	91	9	9.8	0.0	22.5	44
07/06/2024 11:20	7.0	85	7	9.3	0.0	22.7	42
07/06/2024 11:30	6.3	89	10	8.8	0.0	23.0	43
07/06/2024 11:40	6.1	85	9	8.5	0.0	23.0	43
07/06/2024 11:50	6.4	89	7	8.8	0.0	22.9	43
07/06/2024 12:00	6.5	88	9	8.5	0.0	23.2	41
07/06/2024 12:10	7.0	89	8	9.8	0.0	22.9	42
07/06/2024 12:20	6.2	90	8	8.7	0.0	23.3	41
07/06/2024 12:30	7.1	86	7	9.3	0.0	23.1	41
07/06/2024 12:40	6.5	85	9	9.5	0.0	23.0	42
07/06/2024 12:50	6.8	85	9	9.0	0.0	23.1	42
07/06/2024 13:00	6.9	71	7	9.3	0.0	22.7	44
07/06/2024 13:10	6.9	76	7	9.1	0.0	22.9	44
07/06/2024 13:20	7.1	82	8	9.7	0.0	23.1	43
07/06/2024 13:30	5.7	71	11	8.3	0.0	23.4	42
07/06/2024 13:40	6.1	67	11	8.5	0.0	23.5	40
07/06/2024 13:50	6.1	62	10	8.0	0.0	23.4	39
07/06/2024 14:00	6.6	56	6	8.2	0.0	23.1	38
07/06/2024 14:10	6.3	64	8	8.5	0.0	23.1	39
07/06/2024 14:20	5.6	60	9	7.4	0.0	23.3	38
07/06/2024 14:30	5.3	62	11	7.4	0.0	23.3	37
07/06/2024 14:40	6.0	60	9	8.2	0.0	23.4	36
07/06/2024 14:50	5.9	58	11	8.1	0.0	23.5	35
07/06/2024 15:00	5.6	56	12	7.7	0.0	23.5	36
07/06/2024 15:10	5.7	60	9	7.4	0.0	23.4	37
07/06/2024 15:20	5.4	56	9	7.3	0.0	23.6	36
07/06/2024 15:30	5.9	51	7	7.8	0.0	23.4	38
07/06/2024 15:40	6.3	53	9	8.4	0.0	23.3	39
07/06/2024 15:50	6.1	54	7	7.9	0.0	23.2	39
07/06/2024 16:00	5.9	52	7	7.9	0.0	23.2	38
07/06/2024 16:10	5.8	53	8	7.4	0.0	23.1	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/06/2024 16:20	5.7	56	6	7.7	0.0	23.0	41
07/06/2024 16:30	5.3	57	7	6.9	0.0	23.1	41
07/06/2024 16:40	4.6	50	8	6.5	0.0	23.0	42
07/06/2024 16:50	4.0	48	9	5.9	0.0	23.0	41
07/06/2024 17:00	4.0	46	9	5.8	0.0	22.8	40
07/06/2024 17:10	4.1	57	6	5.5	0.0	22.6	43
07/06/2024 17:20	4.1	57	6	5.4	0.0	22.2	44
07/06/2024 17:30	3.0	55	7	4.4	0.0	21.7	48
07/06/2024 17:40	2.2	61	8	3.0	0.0	21.4	50
07/06/2024 17:50	1.9	58	7	2.5	0.0	21.0	52
07/06/2024 18:00	2.3	57	5	2.9	0.0	20.6	54
07/06/2024 18:10	2.2	61	7	2.9	0.0	20.3	56
07/06/2024 18:20	2.2	58	7	2.7	0.0	20.1	57
07/06/2024 18:30	1.7	56	7	2.4	0.0	19.9	57
07/06/2024 18:40	1.4	62	10	2.1	0.0	19.9	57
07/06/2024 18:50	2.0	52	6	2.7	0.0	19.9	56
07/06/2024 19:00	1.5	67	12	2.3	0.0	19.9	56
07/06/2024 19:10	0.9	71	12	1.5	0.0	19.8	57
07/06/2024 19:20	0.6	58	14	1.0	0.0	19.9	57
07/06/2024 19:30	0.5	61	19	1.0	0.0	20.0	56
07/06/2024 19:40	1.1	59	6	1.4	0.0	20.2	56
07/06/2024 19:50	1.4	60	4	1.6	0.0	19.8	58
07/06/2024 20:00	1.2	50	4	1.5	0.0	19.9	57
07/06/2024 20:10	1.4	51	10	1.8	0.0	19.7	58
07/06/2024 20:20	1.5	61	3	1.6	0.0	19.6	58
07/06/2024 20:30	1.4	57	4	1.5	0.0	19.4	59
07/06/2024 20:40	1.6	58	3	1.7	0.0	19.1	61
07/06/2024 20:50	2.0	63	3	2.2	0.0	19.1	61
07/06/2024 21:00	2.0	59	3	2.3	0.0	19.1	62
07/06/2024 21:10	2.0	60	4	2.2	0.0	19.1	62
07/06/2024 21:20	2.0	67	4	2.3	0.0	19.2	61
07/06/2024 21:30	1.7	69	5	1.9	0.0	19.2	62
07/06/2024 21:40	1.7	69	3	2.0	0.0	19.5	61
07/06/2024 21:50	1.5	70	3	1.6	0.0	19.6	61
07/06/2024 22:00	1.4	57	5	1.6	0.0	19.6	61
07/06/2024 22:10	1.9	50	2	2.2	0.0	19.1	63
07/06/2024 22:20	2.2	57	3	2.5	0.0	19.2	63
07/06/2024 22:30	1.7	73	4	2.0	0.0	19.4	62
07/06/2024 22:40	1.3	71	2	1.5	0.0	19.3	62
07/06/2024 22:50	1.2	59	2	1.4	0.0	18.8	64
07/06/2024 23:00	0.8	50	2	0.9	0.0	19.2	63
07/06/2024 23:10	0.4	84	34	0.6	0.0	19.3	63
07/06/2024 23:20	0.3	249	24	0.5	0.0	19.0	64
07/06/2024 23:30	0.5	253	13	0.6	0.0	19.2	64
07/06/2024 23:40	0.6	232	7	0.8	0.0	19.3	63
07/06/2024 23:50	1.1	267	6	1.4	0.0	19.8	61
08/06/2024 00:00	1.4	259	23	1.9	0.0	18.8	67
08/06/2024 00:10	1.7	261	9	2.2	0.0	18.4	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/06/2024 00:20	1.4	259	12	1.9	0.0	18.4	72
08/06/2024 00:30	1.0	287	19	1.4	0.0	18.1	72
08/06/2024 00:40	0.8	269	27	1.2	0.0	17.7	74
08/06/2024 00:50	0.6	208	79	1.3	0.0	17.7	74
08/06/2024 01:00	0.8	190	33	1.8	0.0	17.8	72
08/06/2024 01:10	1.8	191	16	2.9	0.0	18.3	67
08/06/2024 01:20	1.3	203	29	2.5	0.0	18.5	65
08/06/2024 01:30	1.6	187	22	3.1	0.0	18.3	65
08/06/2024 01:40	1.2	183	31	2.3	0.0	18.3	64
08/06/2024 01:50	0.9	182	60	2.1	0.0	18.4	63
08/06/2024 02:00	1.6	164	39	2.7	0.0	18.4	63
08/06/2024 02:10	1.1	29	49	1.8	0.0	18.5	64
08/06/2024 02:20	1.2	136	60	2.2	0.0	18.6	63
08/06/2024 02:30	1.2	174	45	2.5	0.0	18.9	61
08/06/2024 02:40	2.4	179	15	3.9	0.0	19.1	60
08/06/2024 02:50	1.0	236	68	2.2	0.0	18.7	62
08/06/2024 03:00	0.8	38	49	1.4	0.0	18.2	64
08/06/2024 03:10	1.0	33	41	1.7	0.0	17.7	66
08/06/2024 03:20	0.6	83	66	1.5	0.0	17.9	65
08/06/2024 03:30	1.0	60	36	1.8	0.0	18.1	65
08/06/2024 03:40	0.7	34	62	1.3	0.0	17.8	66
08/06/2024 03:50	0.9	48	46	1.6	0.0	18.1	64
08/06/2024 04:00	1.3	35	15	1.9	0.0	17.8	66
08/06/2024 04:10	1.1	44	27	1.9	0.0	17.9	66
08/06/2024 04:20	1.4	45	12	2.1	0.0	17.7	66
08/06/2024 04:30	1.7	45	15	2.5	0.0	17.7	66
08/06/2024 04:40	1.3	55	38	2.1	0.0	17.6	66
08/06/2024 04:50	1.0	47	30	1.8	0.0	17.5	66
08/06/2024 05:00	1.1	27	17	1.7	0.0	17.7	65
08/06/2024 05:10	1.3	36	11	1.8	0.0	17.8	64
08/06/2024 05:20	1.2	41	34	2.1	0.0	17.7	65
08/06/2024 05:30	1.2	77	46	2.3	0.0	17.2	66
08/06/2024 05:40	1.3	89	34	2.4	0.0	17.1	67
08/06/2024 05:50	1.5	89	32	2.4	0.0	17.2	66
08/06/2024 06:00	1.6	103	29	2.9	0.0	16.9	67
08/06/2024 06:10	1.0	76	47	2.3	0.0	16.8	66
08/06/2024 06:20	1.3	66	40	2.3	0.0	16.6	67
08/06/2024 06:30	1.3	54	33	2.3	0.0	16.6	67
08/06/2024 06:40	1.9	113	17	2.9	0.0	16.7	66
08/06/2024 06:50	1.4	112	25	2.3	0.0	17.0	64
08/06/2024 07:00	2.0	122	15	3.2	0.0	17.0	63
08/06/2024 07:10	1.7	107	26	2.9	0.0	17.3	61
08/06/2024 07:20	1.3	83	33	2.6	0.0	17.3	61
08/06/2024 07:30	0.6	32	25	1.0	0.0	17.0	64
08/06/2024 07:40	0.5	17	27	1.0	0.0	17.4	63
08/06/2024 07:50	0.8	101	39	2.0	0.0	18.5	58
08/06/2024 08:00	2.5	113	12	3.8	0.0	19.3	52
08/06/2024 08:10	2.8	111	12	4.2	0.0	19.2	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/06/2024 08:20	3.1	111	11	5.0	0.0	19.2	51
08/06/2024 08:30	3.4	114	10	4.9	0.0	19.1	51
08/06/2024 08:40	3.1	113	11	4.2	0.0	19.1	52
08/06/2024 08:50	2.7	117	16	4.3	0.0	19.5	51
08/06/2024 09:00	3.7	117	9	4.9	0.0	19.4	51
08/06/2024 09:10	3.2	116	13	4.8	0.0	19.5	52
08/06/2024 09:20	3.0	113	12	4.6	0.0	19.7	54
08/06/2024 09:30	3.5	116	12	5.5	0.0	20.0	53
08/06/2024 09:40	3.3	112	12	4.8	0.0	20.3	51
08/06/2024 09:50	3.7	116	12	5.1	0.0	20.8	48
08/06/2024 10:00	4.4	99	13	5.5	0.0	21.6	40
08/06/2024 10:10	3.5	98	16	5.0	0.0	21.9	40
08/06/2024 10:20	4.1	86	12	5.8	0.0	22.1	40
08/06/2024 10:30	4.0	81	14	6.3	0.0	22.0	40
08/06/2024 10:40	4.3	71	12	5.7	0.0	21.9	43
08/06/2024 10:50	4.5	75	10	6.5	0.0	22.0	43
08/06/2024 11:00	4.7	70	11	6.3	0.0	22.2	43
08/06/2024 11:10	4.4	69	10	6.9	0.0	22.4	45
08/06/2024 11:20	4.6	76	8	7.2	0.0	22.6	46
08/06/2024 11:30	5.1	76	10	7.2	0.0	22.8	46
08/06/2024 11:40	5.8	83	9	8.3	0.0	22.9	47
08/06/2024 11:50	6.1	78	9	8.2	0.0	22.9	48
08/06/2024 12:00	6.1	76	10	8.8	0.0	23.0	49
08/06/2024 12:10	6.0	85	9	8.4	0.0	23.0	51
08/06/2024 12:20	6.2	84	8	8.8	0.0	23.1	51
08/06/2024 12:30	6.8	83	7	8.4	0.0	22.8	53
08/06/2024 12:40	6.1	83	8	8.3	0.0	23.1	54
08/06/2024 12:50	6.3	82	10	8.6	0.0	23.5	52
08/06/2024 13:00	6.4	77	9	8.9	0.0	23.6	51
08/06/2024 13:10	6.7	82	10	9.5	0.0	23.7	51
08/06/2024 13:20	7.2	72	6	9.5	0.0	23.5	51
08/06/2024 13:30	7.3	72	7	9.7	0.0	23.3	50
08/06/2024 13:40	7.4	71	6	9.6	0.0	23.5	48
08/06/2024 13:50	6.6	78	7	8.6	0.0	23.4	46
08/06/2024 14:00	6.8	78	8	9.2	0.0	23.6	45
08/06/2024 14:10	7.1	79	6	9.0	0.0	23.7	44
08/06/2024 14:20	6.7	84	6	8.8	0.0	24.0	41
08/06/2024 14:30	6.7	85	6	9.2	0.0	24.0	40
08/06/2024 14:40	6.2	84	7	8.0	0.0	24.3	38
08/06/2024 14:50	5.4	72	10	7.4	0.0	24.3	38
08/06/2024 15:00	6.4	60	8	8.2	0.0	23.9	38
08/06/2024 15:10	5.9	66	8	7.9	0.0	23.8	39
08/06/2024 15:20	5.6	68	10	7.9	0.0	23.9	38
08/06/2024 15:30	5.6	65	7	7.2	0.0	23.8	36
08/06/2024 15:40	5.2	58	9	6.8	0.0	23.7	36
08/06/2024 15:50	4.9	65	10	6.8	0.0	23.7	38
08/06/2024 16:00	4.5	51	9	6.3	0.0	23.7	39
08/06/2024 16:10	4.8	52	7	6.2	0.0	23.6	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/06/2024 16:20	4.6	52	7	6.1	0.0	23.4	40
08/06/2024 16:30	4.7	55	7	6.1	0.0	23.3	40
08/06/2024 16:40	3.7	53	10	5.4	0.0	23.4	41
08/06/2024 16:50	4.2	64	8	6.3	0.0	23.3	41
08/06/2024 17:00	4.2	64	7	5.6	0.0	23.1	41
08/06/2024 17:10	3.9	65	8	5.3	0.0	22.8	44
08/06/2024 17:20	3.4	63	8	4.5	0.0	22.6	44
08/06/2024 17:30	3.0	63	7	4.3	0.0	22.1	47
08/06/2024 17:40	2.3	56	6	3.2	0.0	21.7	48
08/06/2024 17:50	2.3	53	4	2.8	0.0	21.2	49
08/06/2024 18:00	2.1	48	8	3.1	0.0	21.2	47
08/06/2024 18:10	2.5	40	7	3.3	0.0	21.3	46
08/06/2024 18:20	2.3	36	5	3.4	0.0	21.5	45
08/06/2024 18:30	1.6	38	6	2.6	0.0	21.4	45
08/06/2024 18:40	1.5	34	4	1.8	0.0	21.2	47
08/06/2024 18:50	1.3	38	6	1.8	0.0	21.1	48
08/06/2024 19:00	1.5	36	4	2.0	0.0	20.9	49
08/06/2024 19:10	1.7	44	5	2.1	0.0	20.6	50
08/06/2024 19:20	1.5	47	3	1.8	0.0	20.3	51
08/06/2024 19:30	1.7	33	4	2.2	0.0	20.4	52
08/06/2024 19:40	1.6	36	6	2.0	0.0	20.2	53
08/06/2024 19:50	1.3	41	7	1.8	0.0	19.9	54
08/06/2024 20:00	1.1	55	5	1.4	0.0	20.1	54
08/06/2024 20:10	1.1	61	7	1.3	0.0	20.0	55
08/06/2024 20:20	1.2	51	3	1.4	0.0	19.8	55
08/06/2024 20:30	1.0	47	5	1.3	0.0	19.6	56
08/06/2024 20:40	1.1	57	5	1.4	0.0	19.6	57
08/06/2024 20:50	1.0	75	5	1.2	0.0	19.8	56
08/06/2024 21:00	0.6	77	5	0.8	0.0	19.7	57
08/06/2024 21:10	0.8	69	6	1.0	0.0	19.9	57
08/06/2024 21:20	1.2	62	4	1.4	0.0	19.9	57
08/06/2024 21:30	1.3	61	2	1.4	0.0	19.4	59
08/06/2024 21:40	1.4	54	1	1.5	0.0	19.4	60
08/06/2024 21:50	1.7	56	2	1.9	0.0	19.4	62
08/06/2024 22:00	2.0	60	1	2.1	0.0	19.9	60
08/06/2024 22:10	1.8	61	2	2.0	0.0	20.3	59
08/06/2024 22:20	1.9	61	1	2.1	0.0	20.1	60
08/06/2024 22:30	1.7	58	3	1.9	0.0	19.9	61
08/06/2024 22:40	1.3	48	3	1.4	0.0	19.9	61
08/06/2024 22:50	1.7	44	2	1.9	0.0	20.3	59
08/06/2024 23:00	2.1	47	2	2.3	0.0	20.4	58
08/06/2024 23:10	2.3	50	2	2.6	0.0	19.9	60
08/06/2024 23:20	2.3	48	2	2.5	0.0	20.0	60
08/06/2024 23:30	2.3	53	2	2.5	0.0	20.3	59
08/06/2024 23:40	1.9	55	3	2.3	0.0	20.0	60
08/06/2024 23:50	1.6	48	2	1.9	0.0	20.0	61
09/06/2024 00:00	1.8	50	2	2.0	0.0	20.0	61
09/06/2024 00:10	1.7	56	3	1.9	0.0	19.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/06/2024 00:20	1.6	52	2	1.8	0.0	19.8	62
09/06/2024 00:30	1.8	47	2	2.0	0.0	19.5	63
09/06/2024 00:40	2.0	52	4	2.2	0.0	19.7	62
09/06/2024 00:50	1.8	62	3	2.0	0.0	20.2	61
09/06/2024 01:00	1.6	58	3	1.7	0.0	19.6	63
09/06/2024 01:10	1.4	54	3	1.5	0.0	18.8	67
09/06/2024 01:20	1.1	48	3	1.2	0.0	18.1	69
09/06/2024 01:30	0.6	159	43	0.8	0.0	18.0	71
09/06/2024 01:40	0.4	22	14	0.5	0.0	18.7	69
09/06/2024 01:50	0.5	57	10	0.6	0.0	19.4	66
09/06/2024 02:00	0.4	82	19	0.6	0.0	19.1	68
09/06/2024 02:10	0.4	49	55	0.7	0.0	19.3	67
09/06/2024 02:20	1.0	42	4	1.2	0.0	19.4	67
09/06/2024 02:30	1.7	53	3	1.9	0.0	18.6	72
09/06/2024 02:40	1.8	48	4	2.0	0.0	18.3	75
09/06/2024 02:50	1.7	46	3	1.9	0.0	18.1	78
09/06/2024 03:00	1.5	48	4	1.8	0.0	18.1	78
09/06/2024 03:10	1.4	43	6	1.6	0.0	17.9	78
09/06/2024 03:20	1.6	48	4	2.0	0.0	17.7	78
09/06/2024 03:30	1.7	46	7	2.2	0.0	18.0	75
09/06/2024 03:40	1.4	41	12	2.0	0.0	18.1	73
09/06/2024 03:50	1.6	50	16	2.3	0.0	18.0	73
09/06/2024 04:00	1.5	53	17	2.2	0.0	18.2	72
09/06/2024 04:10	1.6	76	23	2.4	0.0	18.3	71
09/06/2024 04:20	1.3	66	38	2.6	0.0	18.6	70
09/06/2024 04:30	1.4	49	17	2.3	0.0	18.5	70
09/06/2024 04:40	1.4	43	14	2.0	0.0	18.3	70
09/06/2024 04:50	1.2	45	18	1.8	0.0	18.2	71
09/06/2024 05:00	1.5	43	8	2.3	0.0	18.1	71
09/06/2024 05:10	1.5	48	6	1.9	0.0	17.7	73
09/06/2024 05:20	1.2	40	7	1.5	0.0	17.5	73
09/06/2024 05:30	1.0	31	11	1.4	0.0	17.4	74
09/06/2024 05:40	1.1	42	10	1.6	0.0	17.1	74
09/06/2024 05:50	1.5	46	8	2.1	0.0	17.0	74
09/06/2024 06:00	1.7	55	19	2.7	0.0	17.3	72
09/06/2024 06:10	1.5	77	20	2.4	0.0	17.1	71
09/06/2024 06:20	1.0	27	41	1.8	0.0	16.9	72
09/06/2024 06:30	1.9	78	15	3.0	0.0	16.6	73
09/06/2024 06:40	2.0	84	11	2.9	0.0	16.4	73
09/06/2024 06:50	2.4	99	15	3.4	0.0	17.2	69
09/06/2024 07:00	1.6	82	17	2.8	0.0	17.0	69
09/06/2024 07:10	1.7	84	19	2.7	0.0	17.2	68
09/06/2024 07:20	1.6	87	29	2.9	0.0	17.6	67
09/06/2024 07:30	1.3	85	25	2.6	0.0	17.7	67
09/06/2024 07:40	1.2	71	23	2.3	0.0	18.1	66
09/06/2024 07:50	1.4	77	19	2.3	0.0	18.5	65
09/06/2024 08:00	1.7	70	14	2.5	0.0	18.6	65
09/06/2024 08:10	1.6	85	14	2.4	0.0	18.7	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/06/2024 08:20	1.9	97	16	3.1	0.0	19.3	63
09/06/2024 08:30	2.4	108	16	3.9	0.0	19.4	63
09/06/2024 08:40	3.4	109	10	5.0	0.0	19.5	64
09/06/2024 08:50	4.0	116	7	5.3	0.0	19.4	65
09/06/2024 09:00	3.0	115	12	4.4	0.0	19.6	64
09/06/2024 09:10	3.9	115	10	5.4	0.0	19.8	64
09/06/2024 09:20	4.1	117	8	5.3	0.0	19.9	65
09/06/2024 09:30	3.7	114	11	5.3	0.0	20.4	63
09/06/2024 09:40	3.4	108	12	4.7	0.0	20.8	62
09/06/2024 09:50	3.8	116	9	5.0	0.0	21.1	61
09/06/2024 10:00	3.3	120	13	4.9	0.0	21.2	60
09/06/2024 10:10	3.6	118	11	5.0	0.0	21.6	57
09/06/2024 10:20	3.6	120	8	4.8	0.0	21.9	56
09/06/2024 10:30	3.5	118	11	4.6	0.0	22.1	55
09/06/2024 10:40	2.7	110	17	4.7	0.0	23.0	53
09/06/2024 10:50	3.1	111	15	5.6	0.0	23.2	53
09/06/2024 11:00	4.6	87	11	6.2	0.0	23.3	51
09/06/2024 11:10	3.8	90	14	5.8	0.0	23.9	50
09/06/2024 11:20	4.3	92	10	6.4	0.0	24.2	48
09/06/2024 11:30	4.6	84	12	6.3	0.0	24.1	49
09/06/2024 11:40	4.5	82	13	6.2	0.0	24.3	50
09/06/2024 11:50	5.2	69	7	6.8	0.0	24.0	49
09/06/2024 12:00	5.9	69	6	7.5	0.0	23.9	46
09/06/2024 12:10	5.9	69	6	7.2	0.0	23.9	45
09/06/2024 12:20	5.8	70	6	7.5	0.0	24.1	43
09/06/2024 12:30	5.2	72	9	7.0	0.0	24.5	42
09/06/2024 12:40	4.8	77	10	6.7	0.0	24.9	43
09/06/2024 12:50	4.9	75	11	7.3	0.0	24.6	45
09/06/2024 13:00	5.1	74	9	6.6	0.0	24.6	46
09/06/2024 13:10	4.9	76	11	7.0	0.0	24.6	46
09/06/2024 13:20	4.9	75	10	6.7	0.0	24.6	46
09/06/2024 13:30	5.2	74	9	6.8	0.0	24.6	46
09/06/2024 13:40	4.8	76	8	6.7	0.0	24.7	46
09/06/2024 13:50	5.1	71	8	7.0	0.0	24.5	46
09/06/2024 14:00	4.9	73	10	6.4	0.0	24.5	46
09/06/2024 14:10	5.2	74	7	6.5	0.0	24.3	46
09/06/2024 14:20	5.5	82	6	6.4	0.0	24.3	46
09/06/2024 14:30	5.1	81	7	6.6	0.0	24.4	46
09/06/2024 14:40	4.9	78	8	6.6	0.0	24.7	46
09/06/2024 14:50	5.0	80	9	6.7	0.0	24.7	47
09/06/2024 15:00	5.1	80	8	6.3	0.0	24.4	47
09/06/2024 15:10	4.9	82	8	6.3	0.0	24.5	47
09/06/2024 15:20	4.8	79	9	6.4	0.0	24.5	47
09/06/2024 15:30	5.0	83	6	6.3	0.0	24.5	48
09/06/2024 15:40	4.7	78	7	5.9	0.0	24.3	47
09/06/2024 15:50	4.7	79	7	6.3	0.0	24.3	47
09/06/2024 16:00	4.9	76	7	6.2	0.0	24.5	46
09/06/2024 16:10	4.7	76	8	6.5	0.0	24.5	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/06/2024 16:20	5.2	78	6	6.5	0.0	24.1	48
09/06/2024 16:30	4.7	82	7	5.9	0.0	24.1	51
09/06/2024 16:40	5.0	77	7	6.4	0.0	23.9	52
09/06/2024 16:50	4.8	77	6	6.3	0.0	23.8	54
09/06/2024 17:00	3.8	76	9	5.1	0.0	23.6	57
09/06/2024 17:10	3.9	79	7	5.1	0.0	23.5	58
09/06/2024 17:20	3.8	76	8	5.3	0.0	23.2	59
09/06/2024 17:30	3.2	78	8	4.4	0.0	23.0	60
09/06/2024 17:40	3.0	78	9	3.8	0.0	22.8	62
09/06/2024 17:50	2.9	73	7	4.0	0.0	22.6	63
09/06/2024 18:00	2.0	62	11	3.4	0.0	22.3	64
09/06/2024 18:10	2.1	53	6	2.7	0.0	21.9	67
09/06/2024 18:20	2.4	59	7	3.4	0.0	21.7	70
09/06/2024 18:30	2.5	57	5	3.3	0.0	21.5	71
09/06/2024 18:40	2.8	58	5	3.6	0.0	21.4	72
09/06/2024 18:50	2.9	59	5	3.5	0.0	21.2	73
09/06/2024 19:00	3.1	57	3	3.5	0.0	21.1	74
09/06/2024 19:10	2.8	57	4	3.4	0.0	21.0	74
09/06/2024 19:20	2.8	58	4	3.3	0.0	20.9	75
09/06/2024 19:30	2.9	57	3	3.2	0.0	20.8	75
09/06/2024 19:40	2.7	55	2	3.1	0.0	20.7	75
09/06/2024 19:50	2.3	51	3	2.6	0.0	20.9	75
09/06/2024 20:00	1.6	306	33	2.7	0.0	20.9	74
09/06/2024 20:10	0.7	206	43	1.3	0.0	21.1	72
09/06/2024 20:20	0.4	102	64	0.9	0.0	21.2	71
09/06/2024 20:30	0.8	24	16	1.2	0.0	21.5	69
09/06/2024 20:40	0.7	318	21	1.2	0.0	21.3	70
09/06/2024 20:50	1.1	48	19	1.5	0.0	21.6	70
09/06/2024 21:00	1.3	64	6	1.6	0.0	21.0	73
09/06/2024 21:10	0.5	59	28	0.8	0.0	20.3	76
09/06/2024 21:20	0.6	39	18	0.9	0.0	20.2	77
09/06/2024 21:30	0.7	35	7	0.9	0.0	20.5	77
09/06/2024 21:40	0.6	49	5	0.7	0.0	20.5	78
09/06/2024 21:50	0.5	59	17	0.7	0.0	20.7	77
09/06/2024 22:00	0.3	86	16	0.4	0.0	20.4	78
09/06/2024 22:10	0.5	31	5	0.7	0.0	20.4	78
09/06/2024 22:20	0.4	291	25	0.5	0.0	20.5	77
09/06/2024 22:30	0.3	259	24	0.5	0.0	20.5	77
09/06/2024 22:40	0.2	170	27	0.3	0.0	20.3	77
09/06/2024 22:50	0.5	25	29	0.7	0.0	19.8	79
09/06/2024 23:00	0.9	34	10	1.0	0.0	19.8	79
09/06/2024 23:10	1.0	21	8	1.2	0.0	20.0	76
09/06/2024 23:20	1.3	52	7	1.6	0.0	19.9	77
09/06/2024 23:30	1.2	51	3	1.4	0.0	20.2	76
09/06/2024 23:40	1.1	49	3	1.4	0.0	19.7	77
09/06/2024 23:50	0.9	43	3	1.2	0.0	19.2	79
10/06/2024 00:00	0.9	27	7	1.0	0.0	19.4	81
10/06/2024 00:10	0.8	331	16	1.1	0.0	19.5	81



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/06/2024 00:20	1.2	248	9	1.5	0.0	19.2	81
10/06/2024 00:30	1.3	262	11	1.7	0.0	19.2	83
10/06/2024 00:40	1.5	259	8	1.9	0.0	19.5	82
10/06/2024 00:50	2.0	265	5	2.4	0.0	19.5	83
10/06/2024 01:00	0.7	312	27	1.1	0.0	19.4	84
10/06/2024 01:10	0.7	337	26	1.1	0.0	19.1	83
10/06/2024 01:20	1.0	64	16	1.7	0.0	18.5	85
10/06/2024 01:30	1.4	62	7	1.6	0.0	18.6	86
10/06/2024 01:40	1.0	55	7	1.2	0.0	19.1	85
10/06/2024 01:50	0.7	63	12	1.0	0.0	19.0	84
10/06/2024 02:00	0.6	58	7	0.7	0.0	19.1	84
10/06/2024 02:10	0.8	52	4	1.1	0.0	18.9	84
10/06/2024 02:20	0.5	59	18	0.8	0.0	19.0	84
10/06/2024 02:30	0.2	152	29	0.6	0.0	18.6	84
10/06/2024 02:40	0.2	282	58	0.4	0.0	18.7	85
10/06/2024 02:50	1.0	86	11	1.6	0.0	18.3	84
10/06/2024 03:00	1.1	53	6	1.2	0.0	18.4	86
10/06/2024 03:10	1.0	56	6	1.2	0.0	18.5	86
10/06/2024 03:20	0.9	65	9	1.2	0.0	18.5	86
10/06/2024 03:30	1.2	70	8	1.5	0.0	18.8	85
10/06/2024 03:40	1.2	66	23	1.6	0.0	18.7	83
10/06/2024 03:50	1.4	68	9	1.8	0.0	18.7	79
10/06/2024 04:00	1.2	84	22	2.0	0.0	18.6	79
10/06/2024 04:10	0.9	64	21	1.4	0.0	18.9	77
10/06/2024 04:20	1.4	51	4	1.7	0.0	18.9	78
10/06/2024 04:30	0.6	26	19	0.9	0.0	18.6	79
10/06/2024 04:40	1.0	25	28	1.5	0.0	18.8	78
10/06/2024 04:50	1.3	83	34	2.0	0.0	18.7	76
10/06/2024 05:00	1.1	109	30	1.7	0.0	18.9	73
10/06/2024 05:10	1.4	45	6	1.8	0.0	18.8	73
10/06/2024 05:20	1.1	111	37	1.7	0.0	18.7	75
10/06/2024 05:30	0.8	92	50	1.5	0.0	18.3	76
10/06/2024 05:40	0.8	80	49	1.7	0.0	18.6	74
10/06/2024 05:50	1.3	49	14	2.1	0.0	18.9	72
10/06/2024 06:00	1.5	50	6	1.8	0.0	18.8	72
10/06/2024 06:10	0.8	51	49	1.3	0.0	18.5	73
10/06/2024 06:20	0.6	181	50	1.1	0.0	18.3	73
10/06/2024 06:30	1.0	64	21	1.6	0.0	18.1	74
10/06/2024 06:40	1.0	52	26	1.6	0.0	18.4	72
10/06/2024 06:50	1.0	46	48	1.8	0.0	18.4	72
10/06/2024 07:00	0.7	160	69	1.7	0.0	18.3	73
10/06/2024 07:10	0.6	78	63	1.3	0.0	18.4	73
10/06/2024 07:20	1.3	94	29	2.7	0.0	18.8	72
10/06/2024 07:30	1.6	78	18	2.4	0.0	19.3	71
10/06/2024 07:40	1.4	53	17	2.3	0.0	19.8	70
10/06/2024 07:50	1.2	67	12	1.9	0.0	20.5	68
10/06/2024 08:00	1.4	64	12	2.0	0.0	20.4	69
10/06/2024 08:10	1.3	94	15	2.0	0.0	20.2	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/06/2024 08:20	1.7	96	13	2.3	0.0	20.7	70
10/06/2024 08:30	2.1	93	13	3.0	0.0	21.1	68
10/06/2024 08:40	2.6	87	11	3.7	0.0	21.4	66
10/06/2024 08:50	1.9	110	15	2.7	0.0	21.7	65
10/06/2024 09:00	2.0	111	16	2.8	0.0	21.9	64
10/06/2024 09:10	1.8	99	17	2.5	0.0	22.3	63
10/06/2024 09:20	1.7	104	20	2.5	0.0	22.3	62
10/06/2024 09:30	1.8	110	15	2.9	0.0	22.4	62
10/06/2024 09:40	2.1	107	15	3.0	0.0	22.5	61
10/06/2024 09:50	2.1	109	12	2.9	0.0	22.4	62
10/06/2024 10:00	1.9	113	16	2.8	0.0	22.8	60
10/06/2024 10:10	2.6	112	10	3.6	0.0	23.0	60
10/06/2024 10:20	2.3	116	18	3.5	0.0	23.4	58
10/06/2024 10:30	2.3	128	18	3.3	0.0	23.7	57
10/06/2024 10:40	2.5	123	14	3.7	0.0	23.5	58
10/06/2024 10:50	2.6	123	14	3.5	0.0	23.5	58
10/06/2024 11:00	2.6	134	11	3.6	0.0	23.6	59
10/06/2024 11:10	2.2	125	22	3.5	0.0	23.9	59
10/06/2024 11:20	2.2	123	20	3.3	0.0	24.0	59
10/06/2024 11:30	2.2	134	15	3.4	0.0	24.0	60
10/06/2024 11:40	1.9	124	22	3.2	0.0	24.4	58
10/06/2024 11:50	2.0	120	29	3.7	0.0	25.0	54
10/06/2024 12:00	2.4	84	22	3.4	0.0	25.2	50
10/06/2024 12:10	2.2	111	26	3.7	0.0	24.9	51
10/06/2024 12:20	2.2	105	18	3.7	0.0	25.3	50
10/06/2024 12:30	2.7	86	31	3.7	0.0	25.3	49
10/06/2024 12:40	2.3	126	22	4.0	0.0	25.7	48
10/06/2024 12:50	2.5	73	12	3.6	0.0	25.6	46
10/06/2024 13:00	2.8	77	22	4.3	0.0	25.7	47
10/06/2024 13:10	2.8	58	18	4.9	0.0	25.3	51
10/06/2024 13:20	2.8	49	15	4.5	0.0	25.4	52
10/06/2024 13:30	2.9	60	17	4.3	0.0	25.4	53
10/06/2024 13:40	2.9	63	12	4.6	0.0	25.0	52
10/06/2024 13:50	2.7	66	12	4.2	0.0	25.2	51
10/06/2024 14:00	2.8	54	10	4.1	0.0	25.2	50
10/06/2024 14:10	3.2	50	14	5.1	0.0	25.2	50
10/06/2024 14:20	3.3	57	10	4.9	0.0	25.3	47
10/06/2024 14:30	3.0	45	10	4.2	0.0	25.3	48
10/06/2024 14:40	2.9	52	8	4.1	0.0	25.1	48
10/06/2024 14:50	2.9	58	11	4.4	0.0	25.0	47
10/06/2024 15:00	2.9	63	11	4.3	0.0	25.1	47
10/06/2024 15:10	3.3	59	11	4.8	0.0	25.0	46
10/06/2024 15:20	3.7	56	7	5.0	0.0	24.9	46
10/06/2024 15:30	3.4	52	7	4.8	0.0	24.9	48
10/06/2024 15:40	3.2	49	7	4.8	0.0	24.6	48
10/06/2024 15:50	3.6	49	8	4.9	0.0	24.6	46
10/06/2024 16:00	3.4	56	9	4.7	0.0	24.6	43
10/06/2024 16:10	3.4	52	8	5.1	0.0	24.6	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/06/2024 16:20	3.5	59	10	4.6	0.0	24.6	41
10/06/2024 16:30	3.8	67	7	5.0	0.0	24.7	40
10/06/2024 16:40	3.7	63	6	4.8	0.0	24.7	37
10/06/2024 16:50	3.0	66	8	4.2	0.0	24.7	38
10/06/2024 17:00	2.8	63	6	3.8	0.0	24.5	42
10/06/2024 17:10	2.7	51	6	3.6	0.0	24.1	46
10/06/2024 17:20	2.5	55	4	3.2	0.0	23.5	52
10/06/2024 17:30	2.5	56	4	3.1	0.0	23.0	57
10/06/2024 17:40	2.4	28	11	3.4	0.0	22.7	58
10/06/2024 17:50	2.8	8	8	3.9	0.0	23.8	43
10/06/2024 18:00	2.6	340	9	3.7	0.0	23.8	47
10/06/2024 18:10	2.5	327	8	3.2	0.0	23.7	51
10/06/2024 18:20	2.2	334	8	3.1	0.0	23.5	52
10/06/2024 18:30	2.7	335	7	3.9	0.0	23.4	54
10/06/2024 18:40	2.5	352	11	3.6	0.0	23.4	54
10/06/2024 18:50	2.8	354	9	3.7	0.0	23.1	55
10/06/2024 19:00	2.8	181	8	3.8	0.0	23.0	56
10/06/2024 19:10	2.6	352	7	3.4	0.0	22.9	58
10/06/2024 19:20	1.8	195	30	2.7	0.0	22.7	58
10/06/2024 19:30	0.4	116	32	0.8	0.0	22.3	62
10/06/2024 19:40	1.0	223	54	2.3	0.0	22.1	62
10/06/2024 19:50	1.3	329	31	2.3	0.0	22.4	60
10/06/2024 20:00	0.5	262	52	1.0	0.0	22.2	62
10/06/2024 20:10	0.5	133	50	0.9	0.0	21.8	63
10/06/2024 20:20	0.5	10	12	0.8	0.0	21.5	65
10/06/2024 20:30	0.3	341	33	0.5	0.0	21.6	64
10/06/2024 20:40	0.5	29	14	1.0	0.0	21.8	64
10/06/2024 20:50	1.0	61	8	1.3	0.0	21.5	65
10/06/2024 21:00	1.1	64	7	1.4	0.0	21.1	67
10/06/2024 21:10	1.1	79	7	1.4	0.0	20.6	68
10/06/2024 21:20	1.0	64	11	1.5	0.0	20.5	69
10/06/2024 21:30	1.2	52	9	1.8	0.0	20.2	70
10/06/2024 21:40	1.8	58	3	2.1	0.0	20.2	71
10/06/2024 21:50	1.6	55	3	1.8	0.0	20.3	71
10/06/2024 22:00	1.4	90	45	1.7	0.0	20.6	70
10/06/2024 22:10	0.9	216	10	1.1	0.0	20.0	72
10/06/2024 22:20	0.5	214	16	0.7	0.0	20.2	72
10/06/2024 22:30	0.2	227	42	0.3	0.0	20.0	72
10/06/2024 22:40	0.5	51	18	0.8	0.0	20.4	71
10/06/2024 22:50	0.7	64	17	1.0	0.0	20.8	70
10/06/2024 23:00	0.7	68	14	1.1	0.0	20.8	70
10/06/2024 23:10	1.0	63	9	1.3	0.0	21.0	70
10/06/2024 23:20	1.1	51	3	1.3	0.0	20.9	71
10/06/2024 23:30	1.0	53	7	1.2	0.0	20.7	72
10/06/2024 23:40	0.8	51	11	1.2	0.0	20.0	73
10/06/2024 23:50	1.1	57	6	1.3	0.0	20.0	75
11/06/2024 00:00	1.1	52	6	1.4	0.0	20.1	76
11/06/2024 00:10	1.2	60	4	1.4	0.0	19.8	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/06/2024 00:20	1.2	58	5	1.4	0.0	19.7	89
11/06/2024 00:30	1.0	49	5	1.2	0.0	19.6	90
11/06/2024 00:40	1.0	49	5	1.2	0.0	19.7	91
11/06/2024 00:50	0.8	55	7	1.0	0.0	19.4	92
11/06/2024 01:00	0.9	45	8	1.1	0.0	19.7	93
11/06/2024 01:10	1.3	44	21	2.0	0.0	19.3	92
11/06/2024 01:20	0.9	26	42	1.7	0.0	19.0	92
11/06/2024 01:30	0.9	48	32	1.6	0.0	18.9	92
11/06/2024 01:40	0.5	145	87	1.4	0.0	19.0	92
11/06/2024 01:50	0.5	290	92	1.1	0.0	18.9	92
11/06/2024 02:00	0.8	105	53	1.5	0.0	18.8	92
11/06/2024 02:10	0.7	76	28	1.3	0.0	19.1	91
11/06/2024 02:20	1.0	56	13	1.5	0.0	19.0	90
11/06/2024 02:30	1.2	46	7	1.5	0.0	18.8	89
11/06/2024 02:40	1.3	51	4	1.5	0.0	18.6	89
11/06/2024 02:50	1.1	51	7	1.5	0.0	18.6	87
11/06/2024 03:00	0.9	53	23	1.5	0.0	18.5	86
11/06/2024 03:10	0.7	83	26	1.2	0.0	18.7	85
11/06/2024 03:20	0.7	110	35	1.2	0.0	18.9	83
11/06/2024 03:30	0.8	109	33	1.5	0.0	19.2	81
11/06/2024 03:40	1.0	72	10	1.4	0.0	19.1	81
11/06/2024 03:50	1.1	56	7	1.4	0.0	19.1	81
11/06/2024 04:00	1.7	41	3	1.9	0.0	18.7	83
11/06/2024 04:10	1.9	45	4	2.1	0.0	18.9	81
11/06/2024 04:20	1.5	49	5	1.9	0.0	19.1	79
11/06/2024 04:30	1.3	53	6	1.6	0.0	19.2	78
11/06/2024 04:40	1.5	53	6	1.8	0.0	19.1	79
11/06/2024 04:50	1.5	42	7	1.8	0.0	19.2	78
11/06/2024 05:00	1.5	42	11	1.8	0.0	19.2	78
11/06/2024 05:10	1.3	49	17	2.0	0.0	19.2	76
11/06/2024 05:20	1.5	42	8	1.9	0.0	19.0	77
11/06/2024 05:30	1.5	42	9	2.0	0.0	19.2	73
11/06/2024 05:40	1.1	35	23	1.9	0.0	19.4	69
11/06/2024 05:50	1.2	163	20	1.7	0.0	19.4	68
11/06/2024 06:00	0.9	29	41	1.7	0.0	19.1	68
11/06/2024 06:10	0.8	184	21	1.4	0.0	19.3	66
11/06/2024 06:20	0.4	311	55	0.9	0.0	18.6	69
11/06/2024 06:30	0.8	71	35	1.6	0.0	18.8	68
11/06/2024 06:40	0.4	79	59	0.9	0.0	18.9	67
11/06/2024 06:50	0.4	20	63	0.9	0.0	18.9	66
11/06/2024 07:00	0.4	75	65	1.0	0.0	18.2	70
11/06/2024 07:10	2.1	49	5	2.8	0.0	17.6	72
11/06/2024 07:20	0.9	94	50	1.6	0.0	18.6	69
11/06/2024 07:30	0.4	28	29	0.8	0.0	20.0	65
11/06/2024 07:40	0.8	27	8	1.1	0.0	20.1	66
11/06/2024 07:50	0.6	66	27	0.9	0.0	20.3	69
11/06/2024 08:00	0.5	53	25	0.8	0.0	20.9	69
11/06/2024 08:10	0.8	68	13	1.1	0.0	20.9	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/06/2024 08:20	1.0	64	13	1.5	0.0	21.0	68
11/06/2024 08:30	1.4	60	9	1.9	0.0	21.1	65
11/06/2024 08:40	1.2	76	16	1.6	0.0	21.6	61
11/06/2024 08:50	1.4	90	15	2.1	0.0	22.4	51
11/06/2024 09:00	2.0	90	10	2.6	0.0	22.7	47
11/06/2024 09:10	2.0	100	14	2.7	0.0	23.2	43
11/06/2024 09:20	2.0	122	12	2.7	0.0	23.4	42
11/06/2024 09:30	2.2	125	14	3.2	0.0	23.2	45
11/06/2024 09:40	2.2	126	11	2.9	0.0	23.4	45
11/06/2024 09:50	2.1	126	13	2.9	0.0	23.3	46
11/06/2024 10:00	2.2	120	15	3.1	0.0	23.6	46
11/06/2024 10:10	2.4	127	11	3.4	0.0	23.3	45
11/06/2024 10:20	2.4	123	9	3.6	0.0	23.3	45
11/06/2024 10:30	2.6	110	13	3.6	0.0	23.6	42
11/06/2024 10:40	2.6	120	14	3.5	0.0	24.1	40
11/06/2024 10:50	2.7	134	14	3.7	0.0	24.1	41
11/06/2024 11:00	2.4	90	15	3.7	0.0	24.7	42
11/06/2024 11:10	2.4	99	16	3.4	0.0	24.8	39
11/06/2024 11:20	2.3	123	15	3.5	0.0	25.0	38
11/06/2024 11:30	2.4	100	16	3.8	0.0	25.6	36
11/06/2024 11:40	2.7	82	15	3.8	0.0	25.7	36
11/06/2024 11:50	2.9	82	15	4.2	0.0	25.5	38
11/06/2024 12:00	3.0	67	10	4.2	0.0	25.2	39
11/06/2024 12:10	3.4	75	7	4.6	0.0	24.9	37
11/06/2024 12:20	3.1	78	7	4.4	0.0	25.2	35
11/06/2024 12:30	2.8	93	17	3.8	0.0	25.6	34
11/06/2024 12:40	2.4	77	17	3.9	0.0	25.6	36
11/06/2024 12:50	2.6	69	11	3.9	0.0	25.6	37
11/06/2024 13:00	2.6	77	10	4.2	0.0	25.5	36
11/06/2024 13:10	3.2	69	12	4.7	0.0	25.8	35
11/06/2024 13:20	3.5	57	9	4.6	0.0	26.0	36
11/06/2024 13:30	3.5	61	11	4.9	0.0	26.2	33
11/06/2024 13:40	3.8	55	9	5.0	0.0	26.4	32
11/06/2024 13:50	3.7	49	8	4.9	0.0	26.1	34
11/06/2024 14:00	3.4	46	10	4.6	0.0	25.9	34
11/06/2024 14:10	3.3	52	11	4.9	0.0	26.1	35
11/06/2024 14:20	3.8	54	7	4.9	0.0	26.0	36
11/06/2024 14:30	3.8	57	7	4.9	0.0	26.0	34
11/06/2024 14:40	3.9	61	8	5.0	0.0	26.0	35
11/06/2024 14:50	4.1	60	8	5.2	0.0	26.0	34
11/06/2024 15:00	4.0	62	10	5.3	0.0	25.8	35
11/06/2024 15:10	3.9	63	9	5.1	0.0	26.2	33
11/06/2024 15:20	3.9	63	10	5.2	0.0	26.1	33
11/06/2024 15:30	4.1	62	8	5.0	0.0	25.8	34
11/06/2024 15:40	4.2	67	8	5.2	0.0	25.8	34
11/06/2024 15:50	4.2	67	7	5.1	0.0	25.4	38
11/06/2024 16:00	3.8	63	8	4.9	0.0	25.5	38
11/06/2024 16:10	3.9	63	6	5.0	0.0	25.5	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/06/2024 16:20	4.0	60	6	5.1	0.0	25.4	36
11/06/2024 16:30	3.6	62	7	4.5	0.0	25.3	37
11/06/2024 16:40	3.6	59	7	4.7	0.0	25.0	42
11/06/2024 16:50	4.0	61	6	4.9	0.0	24.5	46
11/06/2024 17:00	3.7	55	6	4.9	0.0	24.2	49
11/06/2024 17:10	3.2	53	6	4.1	0.0	23.6	52
11/06/2024 17:20	3.5	56	4	4.5	0.0	23.5	53
11/06/2024 17:30	2.5	56	4	3.1	0.0	23.2	53
11/06/2024 17:40	2.1	67	7	2.8	0.0	23.0	55
11/06/2024 17:50	2.3	67	4	2.7	0.0	22.7	59
11/06/2024 18:00	1.8	54	6	2.3	0.0	22.4	59
11/06/2024 18:10	1.8	50	10	2.7	0.0	22.5	54
11/06/2024 18:20	1.8	64	7	2.3	0.0	22.7	51
11/06/2024 18:30	1.7	65	8	2.3	0.0	22.8	47
11/06/2024 18:40	0.6	37	40	1.2	0.0	22.7	49
11/06/2024 18:50	0.9	69	10	1.2	0.0	23.0	50
11/06/2024 19:00	0.9	61	7	1.3	0.0	23.0	52
11/06/2024 19:10	0.8	47	14	1.2	0.0	22.6	53
11/06/2024 19:20	0.4	208	54	1.0	0.0	22.5	55
11/06/2024 19:30	0.2	178	68	0.6	0.0	22.5	54
11/06/2024 19:40	1.0	32	14	1.4	0.0	22.5	54
11/06/2024 19:50	1.1	36	15	1.5	0.0	22.4	55
11/06/2024 20:00	0.7	179	26	1.0	0.0	22.1	56
11/06/2024 20:10	0.7	27	16	1.0	0.0	21.9	57
11/06/2024 20:20	0.7	31	10	1.1	0.0	22.1	57
11/06/2024 20:30	0.7	24	13	1.1	0.0	21.6	59
11/06/2024 20:40	1.2	46	8	1.7	0.0	20.7	63
11/06/2024 20:50	1.4	52	5	1.9	0.0	20.4	65
11/06/2024 21:00	0.5	28	35	1.2	0.0	20.6	64
11/06/2024 21:10	0.2	194	44	0.4	0.0	20.4	65
11/06/2024 21:20	0.2	327	51	0.5	0.0	20.5	64
11/06/2024 21:30	0.2	12	58	0.5	0.0	21.2	62
11/06/2024 21:40	0.3	81	32	0.8	0.0	21.1	63
11/06/2024 21:50	0.4	182	25	0.6	0.0	20.3	66
11/06/2024 22:00	0.3	218	22	0.4	0.0	20.5	65
11/06/2024 22:10	0.2	235	66	0.4	0.0	20.6	65
11/06/2024 22:20	0.3	122	42	0.5	0.0	20.4	66
11/06/2024 22:30	0.4	32	25	0.6	0.0	20.7	66
11/06/2024 22:40	0.8	50	3	0.9	0.0	20.5	67
11/06/2024 22:50	0.6	57	6	0.8	0.0	20.5	67
11/06/2024 23:00	0.7	58	5	0.8	0.0	20.7	67
11/06/2024 23:10	0.6	54	5	0.8	0.0	20.7	67
11/06/2024 23:20	0.4	63	5	0.6	0.0	20.6	68
11/06/2024 23:30	0.3	59	10	0.4	0.0	19.9	70
11/06/2024 23:40	0.6	83	8	0.9	0.0	18.9	74
11/06/2024 23:50	0.8	63	13	1.2	0.0	19.1	74
12/06/2024 00:00	0.8	63	10	1.2	0.0	18.9	76
12/06/2024 00:10	0.7	64	12	1.1	0.0	18.9	75



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/06/2024 00:20	0.6	89	16	0.7	0.0	19.3	73
12/06/2024 00:30	0.5	86	39	0.8	0.0	18.9	74
12/06/2024 00:40	0.7	53	11	0.9	0.0	18.9	75
12/06/2024 00:50	0.5	307	18	1.1	0.0	19.0	75
12/06/2024 01:00	1.1	251	9	1.4	0.0	18.6	76
12/06/2024 01:10	0.7	237	16	1.2	0.0	18.5	80
12/06/2024 01:20	0.6	289	12	0.9	0.0	18.7	76
12/06/2024 01:30	0.3	331	41	0.6	0.0	18.7	76
12/06/2024 01:40	0.3	125	52	0.6	0.0	19.1	74
12/06/2024 01:50	0.5	179	27	0.7	0.0	19.2	75
12/06/2024 02:00	0.4	38	14	0.6	0.0	19.7	73
12/06/2024 02:10	0.2	177	52	0.5	0.0	19.1	74
12/06/2024 02:20	0.3	254	65	0.7	0.0	17.9	79
12/06/2024 02:30	0.2	264	33	0.4	0.0	18.2	79
12/06/2024 02:40	0.4	276	20	0.6	0.0	18.6	77
12/06/2024 02:50	0.4	68	40	0.6	0.0	18.5	78
12/06/2024 03:00	0.6	216	19	0.8	0.0	17.7	80
12/06/2024 03:10	0.3	212	42	0.6	0.0	18.3	78
12/06/2024 03:20	0.3	155	48	0.6	0.0	18.3	78
12/06/2024 03:30	0.4	178	33	0.7	0.0	18.8	78
12/06/2024 03:40	0.5	317	20	0.8	0.0	19.0	76
12/06/2024 03:50	0.8	32	14	1.0	0.0	19.0	77
12/06/2024 04:00	1.0	59	2	1.1	0.0	18.7	79
12/06/2024 04:10	1.1	63	6	1.4	0.0	18.4	79
12/06/2024 04:20	1.2	58	8	1.7	0.0	17.9	83
12/06/2024 04:30	1.0	67	13	1.4	0.0	17.9	79
12/06/2024 04:40	0.6	38	52	1.1	0.0	18.3	73
12/06/2024 04:50	0.5	116	48	1.0	0.0	18.7	68
12/06/2024 05:00	1.1	165	18	2.0	0.0	19.3	64
12/06/2024 05:10	0.7	219	40	1.4	0.0	19.3	65
12/06/2024 05:20	0.4	213	48	1.3	0.0	19.2	66
12/06/2024 05:30	0.7	183	36	1.2	0.0	18.6	67
12/06/2024 05:40	0.5	275	65	1.2	0.0	18.8	67
12/06/2024 05:50	0.8	184	27	1.8	0.0	19.2	65
12/06/2024 06:00	0.9	131	33	2.1	0.0	19.0	66
12/06/2024 06:10	1.1	155	33	2.2	0.0	18.7	70
12/06/2024 06:20	1.1	96	37	1.7	0.0	18.3	71
12/06/2024 06:30	0.8	66	28	1.5	0.0	18.6	72
12/06/2024 06:40	0.8	57	30	1.5	0.0	18.8	71
12/06/2024 06:50	0.7	321	41	1.1	0.0	18.9	70
12/06/2024 07:00	0.8	286	61	1.9	0.0	19.0	65
12/06/2024 07:10	1.9	198	39	3.2	0.0	20.5	51
12/06/2024 07:20	2.0	208	21	3.8	0.0	21.2	47
12/06/2024 07:30	1.7	196	20	3.2	0.0	21.1	47
12/06/2024 07:40	1.1	226	31	2.2	0.0	21.2	47
12/06/2024 07:50	1.2	268	22	1.9	0.0	21.3	46
12/06/2024 08:00	1.4	226	21	3.0	0.0	21.6	43
12/06/2024 08:10	1.3	215	22	2.1	0.0	21.9	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/06/2024 08:20	1.2	219	20	1.9	0.0	22.2	41
12/06/2024 08:30	1.1	215	37	2.0	0.0	22.4	40
12/06/2024 08:40	1.1	162	38	2.3	0.0	23.2	37
12/06/2024 08:50	2.0	174	14	3.0	0.0	23.1	35
12/06/2024 09:00	1.2	193	18	2.1	0.0	23.5	35
12/06/2024 09:10	1.9	182	11	2.8	0.0	23.9	34
12/06/2024 09:20	2.4	180	13	3.5	0.0	24.3	33
12/06/2024 09:30	2.6	176	8	3.7	0.0	24.1	34
12/06/2024 09:40	2.9	180	8	3.8	0.0	24.0	35
12/06/2024 09:50	2.1	145	20	3.1	0.0	24.8	34
12/06/2024 10:00	2.5	117	10	3.6	0.0	24.6	37
12/06/2024 10:10	2.1	117	15	3.1	0.0	24.9	38
12/06/2024 10:20	2.4	106	15	3.5	0.0	24.9	37
12/06/2024 10:30	2.4	106	13	3.3	0.0	25.0	37
12/06/2024 10:40	2.2	110	15	3.4	0.0	25.2	35
12/06/2024 10:50	2.1	110	16	3.1	0.0	25.4	33
12/06/2024 11:00	2.2	107	15	3.4	0.0	25.7	32
12/06/2024 11:10	2.1	112	19	3.6	0.0	25.9	31
12/06/2024 11:20	2.3	108	23	3.8	0.0	26.4	29
12/06/2024 11:30	3.4	77	9	4.6	0.0	26.3	29
12/06/2024 11:40	3.1	86	15	4.2	0.0	26.5	27
12/06/2024 11:50	2.7	107	15	4.0	0.0	26.9	26
12/06/2024 12:00	2.3	87	19	4.2	0.0	27.2	27
12/06/2024 12:10	2.1	97	20	3.8	0.0	27.3	26
12/06/2024 12:20	2.2	80	25	3.6	0.0	27.3	27
12/06/2024 12:30	1.8	72	18	3.5	0.0	27.5	25
12/06/2024 12:40	2.2	44	18	3.6	0.0	27.4	30
12/06/2024 12:50	2.6	47	14	3.9	0.0	27.0	33
12/06/2024 13:00	2.8	52	9	4.1	0.0	26.8	34
12/06/2024 13:10	2.4	57	12	3.5	0.0	26.8	31
12/06/2024 13:20	2.8	52	13	4.1	0.0	26.9	31
12/06/2024 13:30	2.9	55	14	3.9	0.0	26.9	29
12/06/2024 13:40	3.3	55	8	4.3	0.0	27.4	27
12/06/2024 13:50	3.8	57	10	4.9	0.0	27.7	25
12/06/2024 14:00	3.7	63	11	4.8	0.0	28.0	24
12/06/2024 14:10	3.6	59	13	5.0	0.0	28.0	24
12/06/2024 14:20	3.7	64	11	4.9	0.0	28.0	24
12/06/2024 14:30	4.2	67	8	5.2	0.0	27.8	24
12/06/2024 14:40	4.0	62	9	5.3	0.0	27.7	25
12/06/2024 14:50	4.7	58	7	5.9	0.0	27.3	27
12/06/2024 15:00	5.2	64	8	6.7	0.0	27.4	27
12/06/2024 15:10	4.7	59	8	6.4	0.0	27.5	28
12/06/2024 15:20	4.6	61	7	6.0	0.0	27.4	26
12/06/2024 15:30	4.3	62	8	5.7	0.0	27.6	25
12/06/2024 15:40	3.8	62	10	5.0	0.0	27.8	24
12/06/2024 15:50	3.6	57	9	4.9	0.0	27.9	24
12/06/2024 16:00	3.6	53	7	4.7	0.0	27.8	24
12/06/2024 16:10	3.7	53	9	4.6	0.0	27.5	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/06/2024 16:20	3.5	54	7	4.2	0.0	27.6	24
12/06/2024 16:30	3.3	55	6	4.7	0.0	27.5	25
12/06/2024 16:40	3.3	55	6	4.3	0.0	27.3	25
12/06/2024 16:50	3.2	52	7	4.1	0.0	27.0	25
12/06/2024 17:00	3.0	47	6	4.1	0.0	26.8	25
12/06/2024 17:10	2.6	44	6	3.4	0.0	26.5	26
12/06/2024 17:20	2.7	38	4	3.3	0.0	25.9	27
12/06/2024 17:30	2.8	38	3	3.2	0.0	25.5	28
12/06/2024 17:40	3.3	44	3	3.7	0.0	25.0	29
12/06/2024 17:50	3.0	42	3	3.6	0.0	24.4	30
12/06/2024 18:00	2.7	41	4	3.4	0.0	24.8	29
12/06/2024 18:10	2.3	34	5	3.0	0.0	24.7	29
12/06/2024 18:20	1.4	34	14	2.1	0.0	24.6	31
12/06/2024 18:30	1.7	39	10	2.5	0.0	24.3	36
12/06/2024 18:40	0.6	174	31	1.1	0.0	24.3	39
12/06/2024 18:50	0.3	338	38	0.6	0.0	24.1	44
12/06/2024 19:00	0.6	147	45	1.1	0.0	24.3	47
12/06/2024 19:10	0.8	303	30	1.4	0.0	24.0	48
12/06/2024 19:20	1.4	291	15	2.2	0.0	23.9	55
12/06/2024 19:30	1.1	261	24	1.7	0.0	24.0	54
12/06/2024 19:40	1.2	304	14	1.8	0.0	23.6	60
12/06/2024 19:50	0.9	315	14	1.6	0.0	23.7	58
12/06/2024 20:00	1.6	270	6	1.9	0.0	22.7	69
12/06/2024 20:10	1.2	272	9	1.6	0.0	22.4	67
12/06/2024 20:20	0.7	275	13	0.9	0.0	22.6	67
12/06/2024 20:30	0.7	234	33	1.0	0.0	22.6	66
12/06/2024 20:40	0.4	254	46	0.8	0.0	22.6	66
12/06/2024 20:50	0.8	197	43	1.3	0.0	22.5	66
12/06/2024 21:00	1.7	39	10	2.5	0.0	22.2	67
12/06/2024 21:10	1.1	119	49	2.1	0.0	22.3	68
12/06/2024 21:20	2.2	250	10	3.1	0.0	22.4	69
12/06/2024 21:30	2.3	276	8	2.9	0.0	21.9	71
12/06/2024 21:40	1.9	266	15	2.5	0.0	22.0	71
12/06/2024 21:50	2.5	272	4	3.0	0.0	21.7	74
12/06/2024 22:00	2.4	276	3	2.8	0.0	21.7	77
12/06/2024 22:10	2.1	279	7	2.5	0.0	21.8	76
12/06/2024 22:20	2.2	280	5	2.9	0.0	21.7	72
12/06/2024 22:30	3.1	265	4	3.6	0.0	21.5	72
12/06/2024 22:40	3.1	269	3	3.7	0.0	21.1	74
12/06/2024 22:50	3.9	277	3	4.5	0.0	21.3	72
12/06/2024 23:00	4.2	278	4	4.9	0.0	21.4	71
12/06/2024 23:10	2.8	281	6	3.8	0.0	21.3	73
12/06/2024 23:20	3.4	284	5	3.9	0.0	21.1	75
12/06/2024 23:30	3.7	278	5	4.5	0.0	20.9	76
12/06/2024 23:40	3.2	282	6	4.1	0.0	20.8	77
12/06/2024 23:50	2.9	288	6	3.6	0.0	20.7	77
13/06/2024 00:00	2.9	293	7	3.8	0.0	21.0	76
13/06/2024 00:10	2.9	284	10	4.3	0.0	20.9	76



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/06/2024 00:20	4.1	267	4	5.1	0.0	20.9	76
13/06/2024 00:30	4.3	271	3	5.1	0.0	20.7	77
13/06/2024 00:40	3.8	273	4	4.6	0.0	20.6	78
13/06/2024 00:50	3.7	269	5	4.5	0.0	20.4	80
13/06/2024 01:00	3.3	273	6	5.0	0.0	20.4	80
13/06/2024 01:10	2.9	276	6	3.9	0.0	20.4	81
13/06/2024 01:20	3.7	271	4	4.4	0.0	20.3	80
13/06/2024 01:30	3.6	271	5	4.6	0.0	20.5	79
13/06/2024 01:40	3.1	274	6	3.7	0.0	20.6	78
13/06/2024 01:50	3.1	274	10	4.1	0.0	20.6	77
13/06/2024 02:00	3.2	276	6	4.0	0.0	20.6	77
13/06/2024 02:10	3.0	280	7	3.8	0.0	20.8	75
13/06/2024 02:20	3.2	280	7	4.1	0.0	20.8	73
13/06/2024 02:30	2.8	282	6	3.5	0.0	20.9	71
13/06/2024 02:40	3.1	280	5	3.7	0.0	21.0	70
13/06/2024 02:50	2.8	283	6	3.5	0.0	21.0	69
13/06/2024 03:00	2.4	281	6	3.0	0.0	20.9	69
13/06/2024 03:10	2.7	272	8	3.4	0.0	20.4	73
13/06/2024 03:20	2.1	270	13	3.0	0.0	20.3	70
13/06/2024 03:30	1.4	253	21	2.2	0.0	20.5	69
13/06/2024 03:40	0.7	154	37	1.3	0.0	20.5	68
13/06/2024 03:50	0.6	49	33	1.0	0.0	19.8	71
13/06/2024 04:00	1.1	273	12	1.9	0.0	20.2	69
13/06/2024 04:10	0.9	186	32	1.4	0.0	20.4	68
13/06/2024 04:20	0.4	288	48	0.8	0.0	20.2	69
13/06/2024 04:30	0.4	288	47	0.8	0.0	19.8	71
13/06/2024 04:40	0.9	252	13	1.3	0.0	19.6	73
13/06/2024 04:50	0.7	236	14	1.3	0.0	19.8	72
13/06/2024 05:00	0.5	233	26	1.1	0.0	19.8	72
13/06/2024 05:10	1.0	251	14	1.5	0.0	19.6	75
13/06/2024 05:20	1.4	266	7	1.9	0.0	19.8	75
13/06/2024 05:30	0.6	178	55	0.9	0.0	19.2	77
13/06/2024 05:40	0.5	15	46	1.0	0.0	19.1	74
13/06/2024 05:50	0.4	191	50	0.8	0.0	19.5	72
13/06/2024 06:00	0.5	69	24	0.9	0.0	19.2	73
13/06/2024 06:10	0.5	60	20	0.8	0.0	19.1	74
13/06/2024 06:20	0.8	47	4	1.1	0.0	19.1	74
13/06/2024 06:30	0.6	23	15	0.9	0.0	19.4	73
13/06/2024 06:40	0.7	52	8	1.1	0.0	19.5	71
13/06/2024 06:50	1.2	54	4	1.6	0.0	19.3	75
13/06/2024 07:00	0.6	32	16	0.8	0.0	19.3	74
13/06/2024 07:10	0.6	43	36	1.1	0.0	19.9	70
13/06/2024 07:20	1.4	65	4	1.6	0.0	19.9	68
13/06/2024 07:30	1.5	54	5	1.7	0.0	19.6	68
13/06/2024 07:40	1.6	61	5	2.0	0.0	20.0	65
13/06/2024 07:50	1.6	59	8	2.2	0.0	19.7	68
13/06/2024 08:00	1.7	62	7	2.2	0.0	19.8	70
13/06/2024 08:10	1.6	59	8	2.1	0.0	20.2	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/06/2024 08:20	1.4	66	6	1.7	0.0	20.7	68
13/06/2024 08:30	1.5	68	8	2.0	0.0	21.1	67
13/06/2024 08:40	1.2	79	11	1.8	0.0	21.3	67
13/06/2024 08:50	1.1	70	11	1.7	0.0	21.6	63
13/06/2024 09:00	1.3	79	13	1.8	0.0	22.0	60
13/06/2024 09:10	1.8	64	8	2.6	0.0	22.2	60
13/06/2024 09:20	1.3	54	13	1.8	0.0	22.7	56
13/06/2024 09:30	0.8	55	14	1.2	0.0	23.5	51
13/06/2024 09:40	1.0	26	19	1.5	0.0	24.0	47
13/06/2024 09:50	1.2	21	16	1.7	0.0	24.5	45
13/06/2024 10:00	1.1	71	23	2.0	0.0	25.3	39
13/06/2024 10:10	1.4	107	22	2.2	0.0	26.2	37
13/06/2024 10:20	1.6	106	16	2.4	0.0	26.2	36
13/06/2024 10:30	2.1	103	17	3.3	0.0	26.7	35
13/06/2024 10:40	2.9	106	13	4.0	0.0	26.2	35
13/06/2024 10:50	2.5	115	14	3.5	0.0	25.8	35
13/06/2024 11:00	2.0	120	15	3.2	0.0	26.3	34
13/06/2024 11:10	2.5	123	13	3.6	0.0	26.4	33
13/06/2024 11:20	2.8	115	10	4.0	0.0	26.3	33
13/06/2024 11:30	2.6	119	13	3.7	0.0	26.5	33
13/06/2024 11:40	2.6	113	15	3.8	0.0	26.7	32
13/06/2024 11:50	2.4	113	13	3.3	0.0	26.7	31
13/06/2024 12:00	2.1	109	19	2.9	0.0	27.1	29
13/06/2024 12:10	2.0	71	19	3.0	0.0	27.5	28
13/06/2024 12:20	1.9	109	20	2.9	0.0	27.9	27
13/06/2024 12:30	1.5	134	46	2.8	0.0	28.1	28
13/06/2024 12:40	1.7	159	30	2.6	0.0	28.1	28
13/06/2024 12:50	1.8	272	45	3.9	0.0	28.5	30
13/06/2024 13:00	1.7	172	39	3.6	0.0	28.5	29
13/06/2024 13:10	1.0	254	72	2.0	0.0	28.8	29
13/06/2024 13:20	1.4	105	72	2.9	0.0	29.1	29
13/06/2024 13:30	2.4	345	24	3.7	0.0	28.8	29
13/06/2024 13:40	2.1	326	20	3.4	0.0	28.4	30
13/06/2024 13:50	1.3	175	49	2.5	0.0	28.5	30
13/06/2024 14:00	2.3	341	21	4.0	0.0	28.8	29
13/06/2024 14:10	1.1	325	51	3.1	0.0	28.8	29
13/06/2024 14:20	1.6	25	29	3.1	0.0	29.3	27
13/06/2024 14:30	2.3	32	33	3.8	0.0	29.2	27
13/06/2024 14:40	2.4	26	22	3.7	0.0	29.2	26
13/06/2024 14:50	2.5	351	18	3.8	0.0	28.9	29
13/06/2024 15:00	2.9	3	14	3.9	0.0	28.6	30
13/06/2024 15:10							
13/06/2024 15:20							
13/06/2024 15:30							
13/06/2024 15:40							
13/06/2024 15:50							
13/06/2024 16:00							
13/06/2024 16:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/06/2024 16:20							
13/06/2024 16:30							
13/06/2024 16:40							
13/06/2024 16:50							
13/06/2024 17:00							
13/06/2024 17:10							
13/06/2024 17:20							
13/06/2024 17:30							
13/06/2024 17:40							
13/06/2024 17:50							
13/06/2024 18:00							
13/06/2024 18:10							
13/06/2024 18:20							
13/06/2024 18:30							
13/06/2024 18:40							
13/06/2024 18:50							
13/06/2024 19:00							
13/06/2024 19:10							
13/06/2024 19:20							
13/06/2024 19:30							
13/06/2024 19:40							
13/06/2024 19:50							
13/06/2024 20:00							
13/06/2024 20:10							
13/06/2024 20:20							
13/06/2024 20:30							
13/06/2024 20:40							
13/06/2024 20:50							
13/06/2024 21:00							
13/06/2024 21:10							
13/06/2024 21:20							
13/06/2024 21:30							
13/06/2024 21:40							
13/06/2024 21:50							
13/06/2024 22:00							
13/06/2024 22:10							
13/06/2024 22:20							
13/06/2024 22:30							
13/06/2024 22:40							
13/06/2024 22:50							
13/06/2024 23:00							
13/06/2024 23:10							
13/06/2024 23:20							
13/06/2024 23:30							
13/06/2024 23:40							
13/06/2024 23:50							
14/06/2024 00:00							
14/06/2024 00:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/06/2024 00:20							
14/06/2024 00:30							
14/06/2024 00:40							
14/06/2024 00:50							
14/06/2024 01:00							
14/06/2024 01:10							
14/06/2024 01:20							
14/06/2024 01:30							
14/06/2024 01:40							
14/06/2024 01:50							
14/06/2024 02:00							
14/06/2024 02:10							
14/06/2024 02:20							
14/06/2024 02:30							
14/06/2024 02:40							
14/06/2024 02:50							
14/06/2024 03:00							
14/06/2024 03:10							
14/06/2024 03:20							
14/06/2024 03:30							
14/06/2024 03:40							
14/06/2024 03:50							
14/06/2024 04:00							
14/06/2024 04:10							
14/06/2024 04:20							
14/06/2024 04:30							
14/06/2024 04:40							
14/06/2024 04:50							
14/06/2024 05:00							
14/06/2024 05:10							
14/06/2024 05:20							
14/06/2024 05:30							
14/06/2024 05:40							
14/06/2024 05:50							
14/06/2024 06:00							
14/06/2024 06:10							
14/06/2024 06:20							
14/06/2024 06:30							
14/06/2024 06:40							
14/06/2024 06:50							
14/06/2024 07:00							
14/06/2024 07:10							
14/06/2024 07:20							
14/06/2024 07:30							
14/06/2024 07:40							
14/06/2024 07:50							
14/06/2024 08:00							
14/06/2024 08:10							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/06/2024 08:20							
14/06/2024 08:30							
14/06/2024 08:40							
14/06/2024 08:50							
14/06/2024 09:00					0.2	22.8	52
14/06/2024 09:10	2.5	78	9	3.4	0.0	23.1	52
14/06/2024 09:20	2.5	79	8	3.3	0.0	23.4	52
14/06/2024 09:30	2.1	102	16	3.1	0.0	23.8	51
14/06/2024 09:40	2.3	106	14	3.3	0.0	23.8	53
14/06/2024 09:50	3.0	83	9	4.1	0.0	23.6	52
14/06/2024 10:00	3.1	88	8	4.1	0.0	23.9	48
14/06/2024 10:10	3.8	84	7	5.8	0.0	24.4	44
14/06/2024 10:20	3.9	83	12	6.0	0.0	24.6	43
14/06/2024 10:30	4.1	81	10	5.8	0.0	24.6	43
14/06/2024 10:40	4.0	92	13	5.7	0.0	24.8	43
14/06/2024 10:50	4.2	88	9	6.0	0.0	25.2	41
14/06/2024 11:00	5.0	88	9	7.1	0.0	24.7	42
14/06/2024 11:10	4.7	91	10	6.9	0.0	25.0	42
14/06/2024 11:20	4.4	86	12	6.1	0.0	24.9	43
14/06/2024 11:30	4.4	89	10	6.5	0.0	24.6	47
14/06/2024 11:40	4.4	93	14	6.6	0.0	24.9	48
14/06/2024 11:50	5.0	72	8	6.4	0.0	24.8	50
14/06/2024 12:00	5.7	72	8	7.3	0.0	24.4	52
14/06/2024 12:10	5.7	84	10	7.7	0.0	24.6	52
14/06/2024 12:20	5.9	84	7	7.2	0.0	24.9	50
14/06/2024 12:30	5.5	81	7	7.3	0.0	24.6	52
14/06/2024 12:40	5.1	90	7	6.7	0.0	24.6	52
14/06/2024 12:50	4.4	84	9	6.5	0.0	25.5	51
14/06/2024 13:00	4.6	83	10	6.1	0.0	25.4	50
14/06/2024 13:10	4.6	86	7	5.8	0.0	25.5	51
14/06/2024 13:20	4.4	78	10	5.6	0.0	25.5	50
14/06/2024 13:30	3.9	58	13	5.1	0.0	26.0	49
14/06/2024 13:40	4.0	53	9	5.7	0.0	26.1	47
14/06/2024 13:50	4.0	46	7	5.1	0.0	25.8	46
14/06/2024 14:00	3.9	57	8	5.1	0.0	26.2	45
14/06/2024 14:10	4.2	55	7	5.3	0.0	26.2	46
14/06/2024 14:20	3.9	59	8	5.2	0.0	26.0	46
14/06/2024 14:30	3.8	67	8	4.9	0.0	26.2	46
14/06/2024 14:40	3.6	65	10	4.8	0.0	26.4	48
14/06/2024 14:50	3.1	62	11	4.1	0.0	26.5	47
14/06/2024 15:00	3.0	65	12	3.9	0.0	26.9	43
14/06/2024 15:10	3.2	68	8	4.3	0.0	27.0	41
14/06/2024 15:20	2.5	60	12	3.6	0.0	26.9	44
14/06/2024 15:30	2.4	54	12	3.3	0.0	27.0	43
14/06/2024 15:40	2.7	58	12	3.7	0.0	27.1	45
14/06/2024 15:50	2.8	60	9	3.7	0.0	26.8	48
14/06/2024 16:00	2.6	51	9	3.4	0.0	26.7	48
14/06/2024 16:10	2.3	53	11	2.9	0.0	26.6	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/06/2024 16:20	2.3	48	9	3.2	0.0	26.4	52
14/06/2024 16:30	1.9	41	11	3.0	0.0	26.4	51
14/06/2024 16:40	2.7	51	6	3.5	0.0	26.1	55
14/06/2024 16:50	3.0	50	5	3.7	0.0	25.9	57
14/06/2024 17:00	2.7	50	6	3.5	0.0	25.4	60
14/06/2024 17:10	2.7	50	6	3.5	0.0	25.1	62
14/06/2024 17:20	3.1	55	6	4.1	0.0	24.6	62
14/06/2024 17:30	3.1	54	6	4.2	0.0	24.3	62
14/06/2024 17:40	2.7	50	6	3.9	0.0	23.8	68
14/06/2024 17:50	2.7	53	4	3.3	0.0	23.5	71
14/06/2024 18:00	2.5	49	4	2.9	0.0	23.3	72
14/06/2024 18:10	1.7	55	8	2.2	0.0	23.2	72
14/06/2024 18:20	1.3	53	8	1.7	0.0	23.1	73
14/06/2024 18:30	1.1	36	17	1.7	0.0	23.1	71
14/06/2024 18:40	0.5	320	36	1.1	0.0	23.6	66
14/06/2024 18:50	0.9	171	42	1.7	0.0	24.0	64
14/06/2024 19:00	1.5	10	16	2.5	0.0	24.3	63
14/06/2024 19:10	1.6	4	12	2.3	0.0	23.8	64
14/06/2024 19:20	0.7	317	25	1.2	0.0	23.8	65
14/06/2024 19:30	0.6	317	25	0.9	0.0	23.8	66
14/06/2024 19:40	0.8	288	18	1.3	0.0	23.8	65
14/06/2024 19:50	0.5	240	30	0.7	0.0	23.7	66
14/06/2024 20:00	0.7	284	27	1.1	0.0	23.8	65
14/06/2024 20:10	1.1	313	24	2.1	0.0	23.6	67
14/06/2024 20:20	1.0	281	29	1.6	0.0	23.6	69
14/06/2024 20:30	1.6	276	7	2.0	0.0	23.3	71
14/06/2024 20:40	1.6	281	5	1.9	0.0	23.3	73
14/06/2024 20:50	1.3	281	8	1.7	0.0	23.3	74
14/06/2024 21:00	1.1	280	7	1.3	0.0	23.4	76
14/06/2024 21:10	1.2	264	9	1.6	0.0	23.0	78
14/06/2024 21:20	1.5	258	12	1.8	0.0	22.8	83
14/06/2024 21:30	1.2	280	12	1.5	0.0	22.6	84
14/06/2024 21:40	1.1	275	12	1.3	0.0	22.4	85
14/06/2024 21:50	1.5	255	3	1.9	0.0	22.3	86
14/06/2024 22:00	1.4	262	3	1.6	0.0	22.3	85
14/06/2024 22:10	1.5	268	6	1.6	0.0	22.6	84
14/06/2024 22:20	1.1	251	9	1.4	0.0	22.5	84
14/06/2024 22:30	0.7	256	19	1.1	0.0	22.3	84
14/06/2024 22:40	0.7	236	26	1.0	0.0	22.2	84
14/06/2024 22:50	0.5	175	43	0.9	0.0	21.7	84
14/06/2024 23:00	0.6	52	15	0.8	0.0	21.3	86
14/06/2024 23:10	0.4	40	10	0.6	0.0	21.5	86
14/06/2024 23:20	0.6	64	9	1.0	0.0	21.7	85
14/06/2024 23:30	1.2	65	7	1.3	0.0	20.7	84
14/06/2024 23:40	0.9	45	4	1.2	0.0	20.3	88
14/06/2024 23:50	0.6	78	14	0.9	0.0	20.9	88
15/06/2024 00:00	1.2	69	8	1.6	0.0	20.5	85
15/06/2024 00:10	1.1	73	4	1.4	0.0	20.1	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/06/2024 00:20	1.0	63	6	1.2	0.0	20.5	87
15/06/2024 00:30	1.3	52	4	1.5	0.0	20.7	87
15/06/2024 00:40	1.5	64	6	1.8	0.0	20.0	87
15/06/2024 00:50	2.1	56	6	2.6	0.0	19.8	90
15/06/2024 01:00	2.1	48	5	2.6	0.0	20.3	90
15/06/2024 01:10	2.2	56	5	2.6	0.0	20.5	89
15/06/2024 01:20	2.0	42	5	2.4	0.0	20.6	90
15/06/2024 01:30	1.8	46	5	2.1	0.0	20.8	90
15/06/2024 01:40	0.8	66	25	1.2	0.0	20.5	89
15/06/2024 01:50	0.7	64	21	1.2	0.0	20.4	90
15/06/2024 02:00	0.4	196	45	0.9	0.0	19.9	91
15/06/2024 02:10	0.9	28	25	1.3	0.0	19.5	91
15/06/2024 02:20	0.8	163	28	1.4	0.0	20.0	93
15/06/2024 02:30	0.8	59	9	1.1	0.0	20.3	92
15/06/2024 02:40	0.5	81	13	0.6	0.0	20.2	92
15/06/2024 02:50	0.5	75	12	0.8	0.0	19.9	93
15/06/2024 03:00	0.4	9	26	0.7	0.0	19.6	93
15/06/2024 03:10	0.6	268	33	1.2	0.0	19.5	93
15/06/2024 03:20	0.4	117	54	0.6	0.0	19.5	94
15/06/2024 03:30	0.5	14	21	0.8	0.0	19.4	94
15/06/2024 03:40	1.0	36	9	1.1	0.0	19.8	94
15/06/2024 03:50	0.4	103	42	0.8	0.0	19.4	92
15/06/2024 04:00	0.8	91	14	1.3	0.0	19.3	93
15/06/2024 04:10	0.9	62	13	1.2	0.0	19.6	93
15/06/2024 04:20	1.2	46	8	1.5	0.0	19.6	93
15/06/2024 04:30	0.7	103	20	0.9	0.0	19.7	91
15/06/2024 04:40	0.8	76	10	1.1	0.0	19.4	91
15/06/2024 04:50	0.8	46	8	1.2	0.0	19.1	91
15/06/2024 05:00	1.6	49	7	2.0	0.0	19.6	93
15/06/2024 05:10	1.6	57	11	2.4	0.0	19.7	92
15/06/2024 05:20	1.5	38	11	2.0	0.0	20.4	93
15/06/2024 05:30	0.9	34	21	1.3	0.0	20.0	93
15/06/2024 05:40	1.1	34	9	1.4	0.0	20.4	93
15/06/2024 05:50	1.3	36	5	1.6	0.0	20.0	94
15/06/2024 06:00	1.5	29	9	1.8	0.0	19.9	94
15/06/2024 06:10	0.9	23	14	1.2	0.0	19.8	94
15/06/2024 06:20	0.3	221	38	0.7	0.0	19.6	94
15/06/2024 06:30	0.7	76	18	1.1	0.0	19.4	94
15/06/2024 06:40	1.0	351	9	1.6	0.0	19.2	95
15/06/2024 06:50	1.0	208	24	1.3	0.0	19.3	95
15/06/2024 07:00	1.0	52	23	1.6	0.0	19.4	95
15/06/2024 07:10	1.3	53	10	1.9	0.0	19.6	95
15/06/2024 07:20	2.3	62	5	2.6	0.0	19.6	94
15/06/2024 07:30	2.2	63	5	2.6	0.0	19.8	93
15/06/2024 07:40	2.6	65	6	3.2	0.0	20.1	92
15/06/2024 07:50	1.9	75	10	2.9	0.0	20.6	90
15/06/2024 08:00	2.4	73	9	3.3	0.0	20.9	86
15/06/2024 08:10	2.0	82	11	2.9	0.0	21.1	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/06/2024 08:20	2.7	88	10	3.5	0.0	21.4	85
15/06/2024 08:30	3.0	84	6	3.8	0.0	21.4	84
15/06/2024 08:40	3.1	90	8	4.0	0.0	21.7	79
15/06/2024 08:50	3.3	85	6	4.0	0.0	21.9	78
15/06/2024 09:00	2.9	105	12	3.9	0.0	22.2	77
15/06/2024 09:10	2.4	106	14	3.8	0.0	22.3	78
15/06/2024 09:20	3.2	87	8	4.1	0.0	22.6	78
15/06/2024 09:30	2.8	97	12	4.1	0.0	22.8	79
15/06/2024 09:40	2.7	99	14	3.9	0.0	23.2	77
15/06/2024 09:50	2.9	101	12	4.4	0.0	23.5	77
15/06/2024 10:00	3.4	93	10	5.1	0.0	23.5	77
15/06/2024 10:10	3.3	91	10	5.0	0.0	23.8	77
15/06/2024 10:20	3.7	79	11	5.0	0.0	24.2	75
15/06/2024 10:30	3.6	81	11	5.0	0.0	24.4	74
15/06/2024 10:40	3.9	91	13	5.6	0.0	24.3	74
15/06/2024 10:50	3.8	83	12	5.2	0.0	24.6	73
15/06/2024 11:00	4.3	76	11	6.1	0.0	24.5	73
15/06/2024 11:10	4.0	76	10	5.8	0.0	24.6	74
15/06/2024 11:20	3.8	79	12	5.6	0.0	24.6	73
15/06/2024 11:30	3.7	85	13	5.3	0.0	24.9	72
15/06/2024 11:40	3.9	95	12	5.9	0.0	24.9	71
15/06/2024 11:50	4.5	80	7	6.1	0.0	24.7	72
15/06/2024 12:00	4.6	83	7	6.0	0.0	24.7	72
15/06/2024 12:10	4.4	81	8	6.4	0.0	24.9	71
15/06/2024 12:20	4.9	87	7	6.4	0.0	24.9	73
15/06/2024 12:30	5.4	86	7	6.9	0.0	25.1	73
15/06/2024 12:40	5.1	88	8	6.4	0.0	25.0	75
15/06/2024 12:50	4.8	84	8	6.2	0.0	25.0	76
15/06/2024 13:00	5.0	77	13	6.7	0.0	25.3	74
15/06/2024 13:10	5.2	60	9	7.1	0.0	25.4	74
15/06/2024 13:20	5.4	58	8	7.0	0.0	24.9	76
15/06/2024 13:30	5.1	71	10	6.6	0.0	25.1	75
15/06/2024 13:40	5.4	63	10	7.4	0.0	25.0	76
15/06/2024 13:50	5.0	64	11	7.0	0.0	25.2	75
15/06/2024 14:00	5.3	68	8	7.0	0.0	25.3	75
15/06/2024 14:10	5.2	65	10	7.2	0.0	25.1	76
15/06/2024 14:20	5.1	67	7	6.9	0.0	24.9	76
15/06/2024 14:30	5.5	72	7	7.5	0.0	25.0	76
15/06/2024 14:40	6.0	73	5	7.3	0.0	24.9	76
15/06/2024 14:50	5.0	70	10	6.2	0.0	24.8	76
15/06/2024 15:00	4.9	75	7	6.2	0.0	25.0	75
15/06/2024 15:10	5.0	71	8	6.3	0.0	25.2	75
15/06/2024 15:20	4.8	72	7	6.1	0.0	25.0	76
15/06/2024 15:30	4.9	78	7	6.2	0.0	25.2	75
15/06/2024 15:40	5.2	84	7	6.5	0.0	24.7	78
15/06/2024 15:50	4.5	80	9	6.2	0.0	24.9	78
15/06/2024 16:00	4.5	80	9	6.5	0.0	24.9	78
15/06/2024 16:10	4.6	67	8	6.3	0.0	24.7	79



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/06/2024 16:20	4.6	74	8	6.1	0.0	24.6	80
15/06/2024 16:30	4.6	83	7	6.6	0.0	24.3	82
15/06/2024 16:40	4.7	85	6	5.8	0.0	24.2	83
15/06/2024 16:50	4.5	86	6	5.8	0.0	24.2	84
15/06/2024 17:00	4.5	84	5	5.5	0.0	24.2	85
15/06/2024 17:10	4.1	84	5	5.2	0.0	24.2	85
15/06/2024 17:20	3.5	84	7	4.5	0.0	24.1	86
15/06/2024 17:30	3.1	79	7	4.1	0.0	24.0	87
15/06/2024 17:40	3.0	71	5	3.7	0.0	23.8	88
15/06/2024 17:50	2.7	67	6	3.5	0.0	23.7	87
15/06/2024 18:00	3.2	63	6	4.4	0.0	23.8	86
15/06/2024 18:10	3.0	74	5	3.6	0.0	23.7	87
15/06/2024 18:20	3.1	81	6	4.3	0.0	23.5	89
15/06/2024 18:30	3.0	77	5	3.9	0.0	23.4	90
15/06/2024 18:40	2.8	79	7	4.0	0.0	23.3	90
15/06/2024 18:50	2.5	80	6	3.3	0.0	23.3	91
15/06/2024 19:00	2.7	80	7	3.8	0.0	23.2	91
15/06/2024 19:10	2.4	72	6	3.3	0.0	23.2	91
15/06/2024 19:20	2.1	65	7	2.6	0.0	23.2	91
15/06/2024 19:30	2.2	58	5	2.8	0.0	23.1	90
15/06/2024 19:40	2.5	53	4	2.9	0.0	23.2	90
15/06/2024 19:50	2.8	52	4	3.2	0.0	23.1	91
15/06/2024 20:00	2.7	52	3	3.1	0.0	23.1	91
15/06/2024 20:10	2.6	53	3	3.0	0.0	23.0	91
15/06/2024 20:20	2.7	52	2	2.9	0.0	22.9	91
15/06/2024 20:30	2.9	57	3	3.3	0.0	22.9	91
15/06/2024 20:40	2.7	57	3	3.1	0.0	22.9	90
15/06/2024 20:50	3.0	58	3	3.4	0.0	22.8	90
15/06/2024 21:00	2.5	60	4	3.2	0.0	22.8	90
15/06/2024 21:10	2.3	58	2	2.5	0.0	22.6	90
15/06/2024 21:20	2.2	66	4	2.5	0.0	22.6	90
15/06/2024 21:30	1.9	70	5	2.3	0.0	22.6	90
15/06/2024 21:40	1.7	70	4	2.0	0.0	22.7	90
15/06/2024 21:50	2.2	69	2	2.6	0.0	22.7	90
15/06/2024 22:00	2.3	65	5	2.9	0.0	22.6	90
15/06/2024 22:10	2.0	62	4	2.4	0.0	22.5	90
15/06/2024 22:20	2.1	65	5	2.4	0.0	22.6	90
15/06/2024 22:30	2.2	62	4	2.7	0.0	22.6	90
15/06/2024 22:40	2.4	73	4	2.9	0.0	22.8	90
15/06/2024 22:50	2.4	71	3	2.9	0.0	23.1	88
15/06/2024 23:00	2.5	63	4	3.2	0.0	22.9	89
15/06/2024 23:10	2.2	57	4	2.7	0.0	22.8	90
15/06/2024 23:20	2.2	63	5	3.0	0.0	22.8	90
15/06/2024 23:30	2.1	73	4	2.5	0.0	22.8	90
15/06/2024 23:40	2.0	71	5	2.3	0.0	22.7	91
15/06/2024 23:50	1.8	77	5	2.0	0.0	22.7	92
16/06/2024 00:00	1.6	82	6	2.0	0.0	22.8	92
16/06/2024 00:10	1.8	74	4	2.1	0.0	22.7	92



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/06/2024 00:20	1.9	65	4	2.2	0.0	22.4	92
16/06/2024 00:30	1.9	55	3	2.1	0.0	22.4	93
16/06/2024 00:40	2.3	54	2	2.7	0.0	22.3	93
16/06/2024 00:50	2.4	52	2	2.8	0.0	22.0	93
16/06/2024 01:00	2.1	50	2	2.4	0.0	22.1	94
16/06/2024 01:10	1.9	49	2	2.1	0.0	22.3	93
16/06/2024 01:20	2.1	52	1	2.3	0.0	22.3	93
16/06/2024 01:30	1.9	44	3	2.1	0.0	22.2	93
16/06/2024 01:40	1.4	42	4	1.7	0.0	22.2	93
16/06/2024 01:50	1.3	45	3	1.5	0.0	22.1	93
16/06/2024 02:00	1.3	41	4	1.6	0.0	21.9	93
16/06/2024 02:10	0.4	283	51	0.9	0.0	22.0	94
16/06/2024 02:20	0.5	155	64	0.9	0.0	22.1	93
16/06/2024 02:30	0.5	88	41	1.0	0.0	22.2	94
16/06/2024 02:40	0.6	182	42	1.0	0.0	22.2	93
16/06/2024 02:50	0.5	141	51	1.1	0.0	22.3	93
16/06/2024 03:00	0.8	45	13	1.2	0.0	22.3	93
16/06/2024 03:10	0.7	182	37	1.2	0.0	22.5	93
16/06/2024 03:20	1.3	59	22	1.8	0.0	22.8	91
16/06/2024 03:30	1.6	45	11	2.2	0.0	22.9	88
16/06/2024 03:40	1.3	77	35	1.8	0.0	22.6	90
16/06/2024 03:50	1.3	144	23	1.8	0.0	21.9	92
16/06/2024 04:00	0.9	62	31	1.5	0.0	21.9	93
16/06/2024 04:10	1.1	36	19	1.7	0.0	21.8	94
16/06/2024 04:20	0.9	59	21	1.6	0.0	21.6	94
16/06/2024 04:30	1.1	42	14	1.7	0.0	21.4	95
16/06/2024 04:40	1.7	49	6	2.1	0.0	21.3	95
16/06/2024 04:50	2.0	61	8	2.5	0.0	21.3	95
16/06/2024 05:00	2.0	60	8	2.6	0.0	21.2	95
16/06/2024 05:10	1.3	72	13	2.1	0.0	20.9	95
16/06/2024 05:20	2.3	77	7	3.0	0.0	21.0	96
16/06/2024 05:30	1.4	61	10	1.9	0.0	21.0	95
16/06/2024 05:40	1.2	57	9	1.6	0.0	21.1	96
16/06/2024 05:50	1.6	50	6	1.9	0.0	21.2	96
16/06/2024 06:00	1.4	47	6	1.8	0.0	21.2	95
16/06/2024 06:10	1.0	64	11	1.4	0.0	21.0	95
16/06/2024 06:20	0.7	44	12	1.0	0.0	20.8	95
16/06/2024 06:30	0.7	31	15	1.1	0.0	20.8	96
16/06/2024 06:40	1.8	57	5	2.3	0.0	21.0	96
16/06/2024 06:50	1.1	64	11	1.6	0.0	21.0	96
16/06/2024 07:00	0.8	37	18	1.3	0.0	20.7	96
16/06/2024 07:10	0.6	63	26	1.5	0.0	21.1	96
16/06/2024 07:20	1.2	66	17	2.1	0.0	21.2	97
16/06/2024 07:30	1.7	88	10	2.6	0.0	21.5	96
16/06/2024 07:40	2.2	95	10	3.1	0.0	21.9	96
16/06/2024 07:50	2.7	106	11	3.5	0.0	22.2	95
16/06/2024 08:00	2.5	117	11	3.6	0.0	22.3	93
16/06/2024 08:10	2.1	118	11	3.1	0.0	22.5	93



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/06/2024 08:20	2.3	120	10	3.2	0.0	22.6	92
16/06/2024 08:30	2.4	105	13	3.8	0.0	22.7	91
16/06/2024 08:40	3.3	96	12	4.6	0.0	23.0	89
16/06/2024 08:50	3.2	88	9	4.3	0.0	23.6	85
16/06/2024 09:00	3.5	88	7	4.6	0.0	23.9	84
16/06/2024 09:10	3.2	95	10	4.6	0.0	23.9	84
16/06/2024 09:20	3.3	99	13	4.5	0.0	24.0	83
16/06/2024 09:30	3.9	82	9	4.8	0.0	24.3	82
16/06/2024 09:40	4.1	83	6	5.1	0.0	24.4	81
16/06/2024 09:50	3.8	83	8	4.7	0.0	24.6	81
16/06/2024 10:00	3.4	99	15	4.7	0.0	24.7	80
16/06/2024 10:10	3.1	108	12	4.2	0.0	24.5	81
16/06/2024 10:20	3.5	94	14	4.8	0.0	24.8	80
16/06/2024 10:30	3.7	94	10	5.4	0.0	25.1	78
16/06/2024 10:40	3.6	105	15	5.3	0.0	25.0	78
16/06/2024 10:50	3.7	105	12	5.4	0.0	24.7	79
16/06/2024 11:00	3.7	107	16	5.3	0.0	24.8	78
16/06/2024 11:10	4.0	103	13	5.4	0.0	24.8	78
16/06/2024 11:20	4.4	98	12	6.1	0.0	24.9	78
16/06/2024 11:30	4.3	95	14	6.1	0.0	25.3	77
16/06/2024 11:40	4.9	85	9	6.6	0.0	25.6	76
16/06/2024 11:50	4.9	82	10	6.9	0.0	25.6	77
16/06/2024 12:00	5.1	70	8	6.9	0.0	25.6	76
16/06/2024 12:10	4.6	68	9	5.7	0.0	25.7	75
16/06/2024 12:20	4.7	63	11	6.4	0.0	25.9	74
16/06/2024 12:30	4.8	66	10	6.7	0.0	25.9	74
16/06/2024 12:40	5.0	68	10	6.8	0.0	25.9	74
16/06/2024 12:50	5.1	65	8	6.8	0.0	25.8	74
16/06/2024 13:00	5.2	69	8	6.7	0.0	25.6	75
16/06/2024 13:10	5.5	70	7	7.5	0.0	25.6	75
16/06/2024 13:20	4.7	65	9	6.4	0.0	25.5	75
16/06/2024 13:30	4.5	81	11	6.3	0.0	25.6	75
16/06/2024 13:40	4.5	82	10	6.0	0.0	25.6	75
16/06/2024 13:50	3.8	87	12	5.3	0.0	25.8	75
16/06/2024 14:00	3.0	110	18	4.6	0.0	25.3	77
16/06/2024 14:10	2.7	113	23	4.3	0.0	25.3	77
16/06/2024 14:20	3.5	106	17	5.4	0.0	25.0	79
16/06/2024 14:30	3.8	101	9	5.4	0.0	24.8	79
16/06/2024 14:40	3.4	109	13	5.0	0.0	24.8	80
16/06/2024 14:50	3.4	95	16	5.4	0.0	25.2	79
16/06/2024 15:00	3.5	92	13	5.0	0.0	25.2	79
16/06/2024 15:10	3.3	88	15	4.6	0.0	25.3	78
16/06/2024 15:20	2.9	82	12	4.4	0.0	25.4	78
16/06/2024 15:30	3.4	92	11	4.6	0.0	25.4	78
16/06/2024 15:40	2.8	98	11	4.1	0.0	25.5	77
16/06/2024 15:50	2.8	92	11	4.2	0.0	25.4	78
16/06/2024 16:00	2.9	99	13	3.9	0.0	25.3	78
16/06/2024 16:10	2.2	112	20	4.2	0.0	25.2	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/06/2024 16:20	2.8	112	10	4.2	0.0	24.9	81
16/06/2024 16:30	2.4	90	12	3.7	0.0	24.9	82
16/06/2024 16:40	2.4	84	11	3.6	0.0	24.8	82
16/06/2024 16:50	2.3	82	11	3.4	0.0	24.9	81
16/06/2024 17:00	2.2	107	13	3.1	0.0	24.6	83
16/06/2024 17:10	2.3	104	12	3.8	0.0	24.3	85
16/06/2024 17:20	2.2	68	11	3.1	0.0	24.2	85
16/06/2024 17:30	2.0	71	15	3.1	0.0	24.2	85
16/06/2024 17:40	2.2	72	10	3.6	0.0	24.0	85
16/06/2024 17:50	2.7	80	7	3.6	0.0	23.9	87
16/06/2024 18:00	1.9	88	10	2.9	0.0	23.9	87
16/06/2024 18:10	1.4	112	14	2.1	0.0	23.8	87
16/06/2024 18:20	1.5	130	11	1.9	0.0	23.7	89
16/06/2024 18:30	1.5	107	10	2.1	0.0	23.5	89
16/06/2024 18:40	1.6	94	9	2.1	0.0	23.5	90
16/06/2024 18:50	1.5	105	13	2.2	0.0	23.5	90
16/06/2024 19:00	1.6	110	10	2.0	0.0	23.4	90
16/06/2024 19:10	1.3	98	11	1.9	0.0	23.4	90
16/06/2024 19:20	1.0	83	14	1.3	0.0	23.2	90
16/06/2024 19:30	0.8	85	13	1.1	0.0	23.1	91
16/06/2024 19:40	0.6	84	22	1.1	0.0	23.0	91
16/06/2024 19:50	0.2	74	66	0.5	0.0	23.0	91
16/06/2024 20:00	0.4	170	34	0.8	0.0	22.9	92
16/06/2024 20:10	0.3	157	46	0.7	0.0	22.8	92
16/06/2024 20:20	0.8	37	11	1.1	0.0	22.7	92
16/06/2024 20:30	0.8	96	16	1.1	0.0	22.6	93
16/06/2024 20:40	0.6	99	36	1.1	0.0	22.5	93
16/06/2024 20:50	0.6	174	43	0.9	0.0	22.4	93
16/06/2024 21:00	0.3	178	53	0.6	0.0	22.5	94
16/06/2024 21:10	0.3	50	49	0.6	0.0	22.6	94
16/06/2024 21:20	0.6	45	16	0.9	0.0	22.7	94
16/06/2024 21:30	0.8	120	29	1.0	0.0	22.4	93
16/06/2024 21:40	0.7	203	12	0.8	0.0	22.2	93
16/06/2024 21:50	0.5	47	31	0.7	0.0	22.3	94
16/06/2024 22:00	1.0	31	11	1.2	0.0	22.4	94
16/06/2024 22:10	0.7	63	30	1.0	0.0	22.3	94
16/06/2024 22:20	0.4	65	55	0.8	0.0	22.3	94
16/06/2024 22:30	0.6	215	22	0.8	0.0	21.9	94
16/06/2024 22:40	0.8	66	13	1.0	0.0	21.9	94
16/06/2024 22:50	1.1	16	6	1.2	0.0	22.0	95
16/06/2024 23:00	1.0	38	7	1.1	0.0	22.0	95
16/06/2024 23:10	0.7	178	17	1.0	0.0	21.8	95
16/06/2024 23:20	0.5	113	30	0.8	0.0	21.3	94
16/06/2024 23:30	0.5	215	29	0.9	0.0	20.7	96
16/06/2024 23:40	0.7	312	7	1.0	0.0	21.7	96
16/06/2024 23:50	0.6	217	29	1.0	0.0	21.7	95
17/06/2024 00:00	0.4	241	39	0.8	0.0	21.6	95
17/06/2024 00:10	0.4	57	31	0.7	0.0	21.0	94



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/06/2024 00:20	0.6	52	30	0.9	0.0	20.9	95
17/06/2024 00:30	0.5	51	34	1.0	0.0	21.4	96
17/06/2024 00:40	0.6	319	15	0.9	0.0	21.3	95
17/06/2024 00:50	0.3	146	45	0.5	0.0	21.1	95
17/06/2024 01:00	0.3	245	44	0.5	0.0	21.0	95
17/06/2024 01:10	0.3	217	30	0.7	0.0	21.1	95
17/06/2024 01:20	0.4	326	35	0.7	0.0	21.1	95
17/06/2024 01:30	0.7	322	16	1.0	0.0	21.1	94
17/06/2024 01:40	0.5	59	28	0.8	0.0	20.9	95
17/06/2024 01:50	0.6	73	9	0.8	0.0	20.8	95
17/06/2024 02:00	1.0	76	4	1.3	0.0	20.8	95
17/06/2024 02:10	1.4	55	6	1.5	0.0	20.5	96
17/06/2024 02:20	1.2	57	5	1.5	0.0	20.8	96
17/06/2024 02:30	1.5	50	2	1.8	0.0	20.8	96
17/06/2024 02:40	1.7	49	2	2.0	0.0	20.9	97
17/06/2024 02:50	1.5	47	4	1.8	0.0	20.8	97
17/06/2024 03:00	1.3	51	5	1.6	0.0	20.9	97
17/06/2024 03:10	0.8	37	10	1.1	0.0	20.7	97
17/06/2024 03:20	1.1	47	6	1.4	0.0	20.7	96
17/06/2024 03:30	1.1	47	5	1.4	0.0	20.5	96
17/06/2024 03:40	1.3	49	5	1.6	0.0	20.3	97
17/06/2024 03:50	1.1	54	6	1.4	0.0	20.3	96
17/06/2024 04:00	1.2	63	8	1.7	0.0	20.3	97
17/06/2024 04:10	1.5	57	8	2.0	0.0	20.4	97
17/06/2024 04:20	1.3	37	7	1.7	0.0	20.3	97
17/06/2024 04:30	1.3	41	5	1.5	0.0	20.5	97
17/06/2024 04:40	1.0	41	8	1.3	0.0	20.4	98
17/06/2024 04:50	1.6	46	5	2.0	0.0	20.3	98
17/06/2024 05:00	1.9	52	5	2.3	0.0	20.2	98
17/06/2024 05:10	2.1	44	5	2.5	0.1	20.3	98
17/06/2024 05:20	2.0	37	3	2.3	0.0	20.4	98
17/06/2024 05:30	1.8	42	4	2.2	0.0	20.5	98
17/06/2024 05:40	1.7	45	4	2.0	0.0	20.5	98
17/06/2024 05:50	1.5	41	4	1.9	0.0	20.5	98
17/06/2024 06:00	1.5	44	4	1.7	0.0	20.7	98
17/06/2024 06:10	1.0	45	5	1.3	0.0	20.5	98
17/06/2024 06:20	1.2	50	5	1.4	0.0	20.6	98
17/06/2024 06:30	1.6	53	3	1.8	0.0	20.4	98
17/06/2024 06:40	1.4	49	3	1.7	0.0	20.3	98
17/06/2024 06:50	2.2	55	4	2.7	0.0	20.0	98
17/06/2024 07:00	1.7	57	7	2.2	0.0	20.0	98
17/06/2024 07:10	1.2	64	6	1.6	0.0	20.2	98
17/06/2024 07:20	1.2	65	9	1.6	0.0	20.4	98
17/06/2024 07:30	1.6	63	6	2.1	0.0	20.1	98
17/06/2024 07:40	1.6	58	6	2.0	0.0	20.2	98
17/06/2024 07:50	1.6	58	5	1.8	0.0	20.4	98
17/06/2024 08:00	1.4	62	8	1.8	0.0	20.6	98
17/06/2024 08:10	1.1	68	9	1.5	0.0	20.8	98



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/06/2024 08:20	1.3	57	9	1.7	0.0	21.2	98
17/06/2024 08:30	1.3	60	10	1.9	0.0	21.5	97
17/06/2024 08:40	1.6	68	9	2.5	0.0	21.9	96
17/06/2024 08:50	2.4	83	9	3.2	0.0	22.2	94
17/06/2024 09:00	2.6	90	8	3.3	0.0	22.4	91
17/06/2024 09:10	2.5	94	11	3.2	0.0	22.8	89
17/06/2024 09:20	2.5	94	10	3.5	0.0	23.0	85
17/06/2024 09:30	3.1	92	8	3.9	0.0	23.3	82
17/06/2024 09:40	3.3	91	9	4.6	0.0	23.7	80
17/06/2024 09:50	3.2	97	10	4.3	0.0	24.2	77
17/06/2024 10:00	3.4	95	9	4.8	0.0	24.5	78
17/06/2024 10:10	3.9	90	8	5.2	0.0	24.5	79
17/06/2024 10:20	3.5	92	11	4.6	0.0	24.7	78
17/06/2024 10:30	3.8	56	9	5.0	0.0	24.8	73
17/06/2024 10:40	3.5	69	9	4.7	0.0	25.0	69
17/06/2024 10:50	3.1	60	9	4.4	0.0	25.4	65
17/06/2024 11:00	3.4	52	9	4.8	0.0	26.1	57
17/06/2024 11:10	3.6	53	13	4.9	0.0	26.9	51
17/06/2024 11:20	3.8	66	10	5.3	0.0	26.9	51
17/06/2024 11:30	4.2	79	9	5.5	0.0	26.8	49
17/06/2024 11:40	3.8	79	11	5.4	0.0	27.0	48
17/06/2024 11:50	3.3	76	13	4.9	0.0	27.3	46
17/06/2024 12:00	3.1	67	15	4.5	0.0	27.6	44
17/06/2024 12:10	2.8	70	16	4.2	0.0	27.1	46
17/06/2024 12:20	2.8	89	12	3.9	0.0	27.2	44
17/06/2024 12:30	2.9	64	15	4.8	0.0	27.6	44
17/06/2024 12:40	2.8	72	16	4.1	0.0	27.6	45
17/06/2024 12:50	3.0	55	14	4.4	0.0	28.1	43
17/06/2024 13:00	3.1	52	13	4.2	0.0	28.4	37
17/06/2024 13:10	2.8	52	14	4.0	0.0	28.5	35
17/06/2024 13:20	2.8	67	16	4.0	0.0	29.0	34
17/06/2024 13:30	2.7	63	21	4.0	0.0	29.2	35
17/06/2024 13:40	2.8	55	14	3.9	0.0	29.0	35
17/06/2024 13:50	3.1	58	11	4.4	0.0	28.8	35
17/06/2024 14:00	2.4	55	18	3.6	0.0	29.0	36
17/06/2024 14:10	2.3	64	20	3.4	0.0	29.0	37
17/06/2024 14:20	2.3	43	48	3.8	0.0	28.9	39
17/06/2024 14:30	3.4	343	13	4.2	0.0	28.6	42
17/06/2024 14:40	3.5	344	11	5.1	0.0	28.4	41
17/06/2024 14:50	3.6	335	12	5.0	0.0	28.2	41
17/06/2024 15:00	3.1	335	14	4.6	0.0	28.1	40
17/06/2024 15:10	3.2	333	18	4.4	0.0	28.1	43
17/06/2024 15:20	3.3	303	17	4.5	0.0	28.0	44
17/06/2024 15:30	3.4	288	16	4.9	0.0	27.5	47
17/06/2024 15:40	3.1	289	16	4.3	0.0	27.8	48
17/06/2024 15:50	3.9	278	11	5.5	0.0	27.1	52
17/06/2024 16:00	3.3	292	12	5.2	0.0	27.0	54
17/06/2024 16:10	3.1	286	14	5.0	0.0	26.8	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/06/2024 16:20	4.0	285	10	5.3	0.0	26.7	62
17/06/2024 16:30	3.1	293	14	4.9	0.0	26.5	65
17/06/2024 16:40	3.9	285	9	5.1	0.0	26.3	66
17/06/2024 16:50	4.0	281	8	5.6	0.0	26.2	67
17/06/2024 17:00	4.0	283	9	5.5	0.0	26.1	67
17/06/2024 17:10	4.0	286	8	5.3	0.0	25.9	66
17/06/2024 17:20	3.8	287	12	5.3	0.0	25.8	65
17/06/2024 17:30	3.6	275	8	4.9	0.0	25.4	72
17/06/2024 17:40	3.7	276	5	4.6	0.0	25.1	75
17/06/2024 17:50	3.0	278	9	4.0	0.0	24.9	78
17/06/2024 18:00	2.5	270	6	3.2	0.0	24.6	80
17/06/2024 18:10	2.8	268	6	4.1	0.0	24.5	80
17/06/2024 18:20	2.5	269	8	3.7	0.0	24.5	79
17/06/2024 18:30	3.0	267	6	3.9	0.0	24.5	79
17/06/2024 18:40	3.0	265	4	3.7	0.0	24.5	78
17/06/2024 18:50	3.0	267	5	4.2	0.0	24.5	76
17/06/2024 19:00	2.5	266	5	2.9	0.0	24.3	77
17/06/2024 19:10	2.8	269	4	3.5	0.0	24.1	77
17/06/2024 19:20	2.8	269	4	3.4	0.0	24.0	76
17/06/2024 19:30	2.9	269	3	3.5	0.0	23.8	76
17/06/2024 19:40	3.3	263	3	3.9	0.0	24.0	76
17/06/2024 19:50	2.7	272	3	3.2	0.0	23.9	78
17/06/2024 20:00	2.2	271	2	2.5	0.0	23.6	80
17/06/2024 20:10	2.0	268	3	2.2	0.0	23.4	81
17/06/2024 20:20	2.2	265	2	2.5	0.0	23.1	81
17/06/2024 20:30	2.0	278	5	2.3	0.0	23.0	81
17/06/2024 20:40	2.0	269	4	2.2	0.0	23.2	79
17/06/2024 20:50	1.4	295	10	1.8	0.0	23.3	78
17/06/2024 21:00	0.7	33	50	1.3	0.0	23.2	79
17/06/2024 21:10	0.6	23	33	1.1	0.0	23.4	77
17/06/2024 21:20	0.8	316	22	1.3	0.0	23.7	73
17/06/2024 21:30	1.4	306	11	1.8	0.0	24.0	69
17/06/2024 21:40	1.2	303	7	1.6	0.0	24.4	65
17/06/2024 21:50	0.7	314	8	0.9	0.0	24.6	60
17/06/2024 22:00	0.8	235	31	1.3	0.0	23.6	64
17/06/2024 22:10	0.5	238	51	0.9	0.0	22.9	71
17/06/2024 22:20	0.8	206	25	1.2	0.0	22.7	75
17/06/2024 22:30	0.4	127	43	0.7	0.0	22.3	76
17/06/2024 22:40	0.6	48	12	1.0	0.0	22.8	64
17/06/2024 22:50	0.8	17	18	1.2	0.0	22.9	62
17/06/2024 23:00	0.6	168	52	0.9	0.0	23.1	64
17/06/2024 23:10	0.5	199	65	1.0	0.0	22.7	67
17/06/2024 23:20	0.8	95	16	1.3	0.0	22.1	69
17/06/2024 23:30	0.5	98	36	0.8	0.0	22.2	71
17/06/2024 23:40	0.8	159	38	1.3	0.0	22.3	71
17/06/2024 23:50	0.6	194	23	1.1	0.0	22.3	72
18/06/2024 00:00	0.5	111	21	0.8	0.0	22.3	73
18/06/2024 00:10	0.6	99	11	1.0	0.0	22.1	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/06/2024 00:20	0.9	211	13	1.3	0.0	21.9	76
18/06/2024 00:30	0.7	221	40	1.0	0.0	21.7	77
18/06/2024 00:40	0.3	42	46	0.5	0.0	22.1	75
18/06/2024 00:50	0.3	202	26	0.6	0.0	22.3	72
18/06/2024 01:00	0.4	116	28	0.7	0.0	22.2	71
18/06/2024 01:10	1.0	208	15	1.5	0.0	21.7	76
18/06/2024 01:20	0.6	215	37	1.2	0.0	21.3	77
18/06/2024 01:30	0.5	276	53	1.1	0.0	22.3	69
18/06/2024 01:40	0.9	188	43	1.9	0.0	22.8	67
18/06/2024 01:50	0.6	219	57	1.0	0.0	22.7	68
18/06/2024 02:00	0.8	174	28	1.3	0.0	22.3	69
18/06/2024 02:10	0.6	168	48	1.2	0.0	22.7	66
18/06/2024 02:20	0.6	234	38	1.4	0.0	23.3	66
18/06/2024 02:30	1.1	235	10	1.6	0.0	23.0	68
18/06/2024 02:40	0.9	230	8	1.3	0.0	23.1	66
18/06/2024 02:50	1.3	237	8	1.6	0.0	22.8	67
18/06/2024 03:00	1.4	279	16	1.8	0.0	22.8	68
18/06/2024 03:10	0.7	171	22	1.0	0.0	22.6	70
18/06/2024 03:20	0.5	236	59	1.2	0.0	22.5	73
18/06/2024 03:30	0.8	186	20	1.3	0.0	21.7	73
18/06/2024 03:40	0.5	247	29	0.9	0.0	21.6	75
18/06/2024 03:50	1.2	279	9	1.5	0.0	22.6	80
18/06/2024 04:00	1.5	300	14	2.1	0.0	22.5	84
18/06/2024 04:10	1.5	287	10	1.9	0.0	22.9	83
18/06/2024 04:20	1.4	294	15	2.0	0.0	22.5	82
18/06/2024 04:30	1.3	280	26	1.9	0.0	21.7	85
18/06/2024 04:40	0.8	95	39	1.4	0.0	21.2	84
18/06/2024 04:50	1.5	43	6	1.9	0.0	21.2	86
18/06/2024 05:00	0.9	35	23	1.7	0.0	21.6	88
18/06/2024 05:10	1.1	136	36	1.8	0.0	21.1	87
18/06/2024 05:20	0.9	171	37	1.4	0.0	20.9	89
18/06/2024 05:30	0.4	207	38	0.7	0.0	21.5	88
18/06/2024 05:40	0.4	186	30	0.8	0.0	21.4	89
18/06/2024 05:50	0.6	87	27	0.9	0.0	21.3	89
18/06/2024 06:00	0.6	18	79	1.1	0.0	21.7	89
18/06/2024 06:10	0.7	57	53	1.4	0.0	21.9	88
18/06/2024 06:20	0.4	124	61	0.8	0.0	21.9	88
18/06/2024 06:30	0.7	109	53	1.1	0.0	21.8	87
18/06/2024 06:40	0.7	102	69	1.5	0.0	20.7	88
18/06/2024 06:50	0.6	30	29	1.1	0.0	20.7	91
18/06/2024 07:00	1.3	32	8	1.8	0.0	21.3	89
18/06/2024 07:10	1.8	34	4	2.2	0.0	21.7	88
18/06/2024 07:20	1.0	51	16	1.4	0.0	22.0	88
18/06/2024 07:30	1.6	65	7	2.1	0.0	22.2	87
18/06/2024 07:40	1.7	69	7	2.2	0.0	22.1	87
18/06/2024 07:50	1.9	80	7	2.3	0.0	22.3	86
18/06/2024 08:00	2.2	89	6	2.8	0.0	22.3	83
18/06/2024 08:10	1.8	81	10	2.5	0.0	22.7	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/06/2024 08:20	1.9	88	7	2.4	0.0	22.8	81
18/06/2024 08:30	1.8	85	7	2.2	0.0	23.2	81
18/06/2024 08:40	1.6	84	10	2.2	0.0	23.7	79
18/06/2024 08:50	1.3	44	13	1.9	0.0	24.5	77
18/06/2024 09:00	1.2	82	34	2.1	0.0	25.0	74
18/06/2024 09:10	1.4	112	18	2.1	0.0	24.5	76
18/06/2024 09:20	1.1	87	22	2.2	0.0	25.2	74
18/06/2024 09:30	2.0	131	8	2.7	0.0	24.7	75
18/06/2024 09:40	1.8	128	10	2.2	0.0	24.8	75
18/06/2024 09:50	1.6	129	22	2.3	0.0	26.1	70
18/06/2024 10:00	1.4	107	55	3.2	0.0	26.9	67
18/06/2024 10:10	2.3	159	29	3.7	0.0	26.9	64
18/06/2024 10:20	3.4	9	13	5.2	0.0	26.9	65
18/06/2024 10:30	3.4	24	14	5.0	0.0	27.0	66
18/06/2024 10:40	3.6	17	11	4.8	0.0	27.0	64
18/06/2024 10:50	3.8	183	11	5.6	0.0	27.2	63
18/06/2024 11:00	4.0	355	12	5.5	0.0	27.5	62
18/06/2024 11:10	3.5	352	18	4.9	0.0	27.7	61
18/06/2024 11:20	4.2	338	14	5.5	0.0	27.4	63
18/06/2024 11:30	3.9	335	13	5.5	0.0	27.3	65
18/06/2024 11:40	4.1	332	11	5.9	0.0	27.2	65
18/06/2024 11:50	4.3	330	13	6.1	0.0	27.2	66
18/06/2024 12:00	4.6	326	12	6.4	0.0	27.2	65
18/06/2024 12:10	4.7	328	10	6.5	0.0	26.6	68
18/06/2024 12:20	4.8	331	11	6.6	0.0	26.6	70
18/06/2024 12:30	4.3	332	12	6.2	0.0	27.0	69
18/06/2024 12:40	4.5	330	13	6.5	0.0	27.1	69
18/06/2024 12:50	4.2	330	12	6.0	0.0	27.0	70
18/06/2024 13:00	4.7	328	11	6.6	0.0	26.4	72
18/06/2024 13:10	4.7	328	9	6.8	0.0	26.4	72
18/06/2024 13:20	4.5	325	13	6.3	0.0	26.9	71
18/06/2024 13:30	4.9	331	13	6.8	0.0	26.7	71
18/06/2024 13:40	4.1	299	19	6.6	0.0	27.5	69
18/06/2024 13:50	4.2	311	19	6.6	0.0	27.4	69
18/06/2024 14:00	4.5	334	10	6.8	0.0	26.8	72
18/06/2024 14:10	3.9	301	15	5.9	0.0	26.8	71
18/06/2024 14:20	4.6	298	17	6.4	0.0	26.9	69
18/06/2024 14:30	4.0	322	18	6.3	0.0	27.3	67
18/06/2024 14:40	5.6	326	12	7.8	0.0	27.0	68
18/06/2024 14:50	4.2	309	13	6.6	0.0	26.7	71
18/06/2024 15:00	5.2	322	10	8.0	0.0	26.6	72
18/06/2024 15:10	4.5	309	16	7.3	0.0	26.9	71
18/06/2024 15:20	5.0	290	11	7.3	0.0	26.9	71
18/06/2024 15:30	5.7	281	7	8.2	0.0	26.4	73
18/06/2024 15:40	5.6	281	8	7.2	0.0	26.1	74
18/06/2024 15:50	5.6	289	8	7.1	0.0	26.1	74
18/06/2024 16:00	6.0	283	7	7.5	0.0	26.3	73
18/06/2024 16:10	5.2	280	9	7.2	0.0	26.4	73



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/06/2024 16:20	5.7	279	7	7.0	0.0	26.3	73
18/06/2024 16:30	5.7	282	7	7.4	0.0	26.1	75
18/06/2024 16:40	5.3	290	8	7.0	0.0	25.7	77
18/06/2024 16:50	5.7	291	8	7.8	0.0	25.8	77
18/06/2024 17:00	5.6	292	7	7.1	0.0	25.6	78
18/06/2024 17:10	4.9	292	8	6.4	0.0	25.5	78
18/06/2024 17:20	4.4	286	8	5.9	0.0	25.5	79
18/06/2024 17:30	4.8	289	8	6.8	0.0	25.5	79
18/06/2024 17:40	4.3	290	8	5.8	0.0	25.4	79
18/06/2024 17:50	4.2	288	8	5.7	0.0	25.4	79
18/06/2024 18:00	4.1	286	9	6.0	0.0	25.3	79
18/06/2024 18:10	4.2	284	8	6.0	0.0	25.3	80
18/06/2024 18:20	4.1	281	8	5.9	0.0	25.3	81
18/06/2024 18:30	3.9	279	9	5.6	0.0	25.3	81
18/06/2024 18:40	3.4	287	10	4.7	0.0	25.2	82
18/06/2024 18:50	3.9	280	8	5.4	0.0	25.2	82
18/06/2024 19:00	3.0	281	9	4.3	0.0	25.2	83
18/06/2024 19:10	3.6	279	7	5.1	0.0	25.1	83
18/06/2024 19:20	3.8	282	7	5.1	0.0	25.1	82
18/06/2024 19:30	3.8	287	7	5.2	0.0	25.1	82
18/06/2024 19:40	3.0	286	9	4.1	0.0	25.1	82
18/06/2024 19:50	3.2	292	10	4.2	0.0	25.0	83
18/06/2024 20:00	3.2	283	9	4.5	0.0	25.0	83
18/06/2024 20:10	3.0	283	10	4.7	0.0	25.0	83
18/06/2024 20:20	4.1	277	6	5.5	0.0	25.0	83
18/06/2024 20:30	3.8	277	6	5.0	0.0	25.0	84
18/06/2024 20:40	3.5	274	5	4.6	0.0	24.9	85
18/06/2024 20:50	2.9	271	5	3.6	0.0	25.0	85
18/06/2024 21:00	3.4	271	4	4.9	0.0	25.0	85
18/06/2024 21:10	3.4	272	5	4.6	0.0	25.0	85
18/06/2024 21:20	2.9	271	5	3.7	0.0	24.9	87
18/06/2024 21:30	3.2	271	4	4.1	0.0	24.9	87
18/06/2024 21:40	3.9	267	4	5.0	0.0	24.9	86
18/06/2024 21:50	4.2	269	5	5.3	0.0	25.0	83
18/06/2024 22:00	3.5	276	6	5.0	0.0	24.8	86
18/06/2024 22:10	3.0	279	6	3.7	0.0	24.5	89
18/06/2024 22:20	2.4	280	5	3.0	0.0	24.5	88
18/06/2024 22:30	2.4	278	5	3.0	0.0	24.5	86
18/06/2024 22:40	2.5	282	6	3.2	0.0	24.5	86
18/06/2024 22:50	2.8	282	5	3.6	0.0	24.4	88
18/06/2024 23:00	2.5	288	8	3.4	0.0	24.4	88
18/06/2024 23:10	2.3	294	7	3.5	0.0	24.3	89
18/06/2024 23:20	2.1	288	8	2.8	0.0	24.3	89
18/06/2024 23:30	3.1	276	5	3.9	0.0	24.3	88
18/06/2024 23:40	3.0	276	5	4.0	0.0	24.3	88
18/06/2024 23:50	3.0	274	5	3.8	0.0	24.2	88
19/06/2024 00:00	3.0	264	5	3.8	0.0	24.3	88
19/06/2024 00:10	2.7	264	5	3.6	0.0	24.2	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/06/2024 00:20	3.2	262	5	4.0	0.0	24.2	87
19/06/2024 00:30	2.2	271	7	2.9	0.0	24.1	86
19/06/2024 00:40	2.2	266	7	2.9	0.0	24.0	87
19/06/2024 00:50	2.5	266	6	3.3	0.0	24.0	87
19/06/2024 01:00	2.7	265	5	3.3	0.0	24.0	87
19/06/2024 01:10	2.7	265	5	3.5	0.0	24.0	87
19/06/2024 01:20	2.2	265	6	3.1	0.0	24.0	87
19/06/2024 01:30	2.2	271	4	2.6	0.0	24.0	87
19/06/2024 01:40	2.1	271	5	2.7	0.0	23.9	87
19/06/2024 01:50	2.3	273	4	2.8	0.0	23.9	87
19/06/2024 02:00	2.6	271	3	3.1	0.0	23.9	87
19/06/2024 02:10	2.1	281	5	2.8	0.0	23.9	88
19/06/2024 02:20	2.6	275	4	3.0	0.0	23.9	87
19/06/2024 02:30	2.5	279	5	3.1	0.0	23.9	86
19/06/2024 02:40	1.7	285	6	2.4	0.0	23.9	86
19/06/2024 02:50	1.2	285	9	1.8	0.0	23.8	87
19/06/2024 03:00	1.5	297	10	1.9	0.0	23.8	87
19/06/2024 03:10	0.9	20	24	1.5	0.0	23.7	87
19/06/2024 03:20	1.1	30	12	1.6	0.0	23.7	88
19/06/2024 03:30	0.8	339	26	1.4	0.0	23.7	88
19/06/2024 03:40	1.0	289	18	1.6	0.0	23.8	88
19/06/2024 03:50	1.3	245	17	2.0	0.0	23.7	88
19/06/2024 04:00	1.8	269	8	2.5	0.0	23.7	89
19/06/2024 04:10	1.6	255	16	2.3	0.0	23.7	89
19/06/2024 04:20	1.9	265	9	2.4	0.0	23.6	89
19/06/2024 04:30	1.6	282	9	2.1	0.0	23.5	89
19/06/2024 04:40	0.9	321	10	1.2	0.0	23.4	90
19/06/2024 04:50	0.4	113	42	0.7	0.0	23.4	90
19/06/2024 05:00	0.6	135	69	1.1	0.0	23.4	90
19/06/2024 05:10	0.8	228	35	1.4	0.0	23.5	90
19/06/2024 05:20	0.8	118	24	1.5	0.0	23.5	90
19/06/2024 05:30	0.8	168	47	1.6	0.0	23.5	90
19/06/2024 05:40	3.0	263	6	3.6	0.0	23.4	89
19/06/2024 05:50	2.7	267	4	3.2	0.0	23.4	89
19/06/2024 06:00	3.0	266	3	3.5	0.0	23.4	89
19/06/2024 06:10	3.2	264	4	4.1	0.0	23.5	89
19/06/2024 06:20	3.0	263	6	4.2	0.0	23.5	89
19/06/2024 06:30	3.4	259	7	4.6	0.0	23.5	89
19/06/2024 06:40	3.5	262	5	4.4	0.0	23.4	89
19/06/2024 06:50	3.2	260	5	3.9	0.0	23.3	89
19/06/2024 07:00	3.4	263	5	4.4	0.0	23.2	90
19/06/2024 07:10	2.9	254	10	4.3	0.0	23.2	89
19/06/2024 07:20	2.7	276	7	3.5	0.0	23.1	89
19/06/2024 07:30	2.2	284	7	2.9	0.0	23.2	89
19/06/2024 07:40	2.7	267	6	3.4	0.0	23.4	87
19/06/2024 07:50	2.8	266	6	3.3	0.0	23.5	87
19/06/2024 08:00	2.4	277	8	3.0	0.0	23.7	85
19/06/2024 08:10	2.3	270	7	3.0	0.0	23.8	85



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/06/2024 08:20	3.1	264	7	4.0	0.0	24.1	84
19/06/2024 08:30	3.0	257	7	4.0	0.0	24.3	82
19/06/2024 08:40	2.1	226	13	3.3	0.0	24.7	81
19/06/2024 08:50	2.1	200	11	2.7	0.0	24.8	80
19/06/2024 09:00	2.4	202	8	3.4	0.0	25.2	78
19/06/2024 09:10	2.5	195	10	3.5	0.0	25.4	77
19/06/2024 09:20	2.0	175	18	3.0	0.0	25.8	75
19/06/2024 09:30	2.2	173	18	3.2	0.0	26.0	73
19/06/2024 09:40	2.3	149	22	3.8	0.0	26.0	73
19/06/2024 09:50	2.1	152	21	3.2	0.0	26.0	74
19/06/2024 10:00	2.1	106	15	3.5	0.0	26.2	73
19/06/2024 10:10	1.9	120	13	2.9	0.0	26.0	74
19/06/2024 10:20	1.8	116	21	3.3	0.0	26.5	72
19/06/2024 10:30	2.1	113	23	3.5	0.0	27.1	69
19/06/2024 10:40	2.9	95	12	4.3	0.0	27.0	69
19/06/2024 10:50	2.4	115	14	3.4	0.0	26.6	70
19/06/2024 11:00	3.4	95	11	4.4	0.0	26.7	70
19/06/2024 11:10	2.7	88	17	4.7	0.0	26.9	68
19/06/2024 11:20	1.8	84	17	3.5	0.0	26.9	68
19/06/2024 11:30	2.0	86	21	3.6	0.0	26.9	68
19/06/2024 11:40	2.7	40	16	3.9	0.0	26.8	69
19/06/2024 11:50	2.5	330	17	4.1	0.0	26.4	72
19/06/2024 12:00	3.6	307	13	5.0	0.0	26.2	73
19/06/2024 12:10	2.0	270	22	3.2	0.0	26.3	72
19/06/2024 12:20	1.8	200	15	3.1	0.0	26.1	73
19/06/2024 12:30	4.2	154	17	7.5	0.0	25.0	73
19/06/2024 12:40	3.2	168	19	6.0	0.0	24.1	70
19/06/2024 12:50	3.4	154	19	5.9	0.0	24.0	69
19/06/2024 13:00	3.3	150	20	6.4	0.0	24.1	70
19/06/2024 13:10	3.6	150	16	6.0	0.0	24.1	71
19/06/2024 13:20	2.8	150	16	4.7	0.0	24.3	70
19/06/2024 13:30	3.0	141	17	5.5	0.0	24.8	68
19/06/2024 13:40	3.2	147	16	5.5	0.0	25.2	66
19/06/2024 13:50	3.0	138	16	4.9	0.0	25.3	67
19/06/2024 14:00	3.6	148	17	5.9	0.0	25.1	67
19/06/2024 14:10	2.9	156	18	4.7	0.0	25.4	66
19/06/2024 14:20	2.9	146	17	4.8	0.0	25.3	65
19/06/2024 14:30	3.3	154	16	5.5	0.0	25.2	64
19/06/2024 14:40	3.1	149	17	5.0	0.0	25.4	63
19/06/2024 14:50	3.0	157	20	6.0	0.0	25.4	62
19/06/2024 15:00	4.2	175	16	6.7	0.0	25.4	63
19/06/2024 15:10	6.0	186	11	9.1	0.0	24.5	69
19/06/2024 15:20	5.7	183	15	8.5	0.0	24.0	70
19/06/2024 15:30	5.7	175	13	8.1	0.0	23.6	72
19/06/2024 15:40	5.4	176	12	8.3	0.0	23.8	73
19/06/2024 15:50	4.8	173	15	8.0	0.0	23.5	74
19/06/2024 16:00	3.5	151	22	6.4	0.0	23.8	73
19/06/2024 16:10	4.2	167	19	7.1	0.0	23.9	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/06/2024 16:20	3.1	161	22	5.9	0.0	23.9	71
19/06/2024 16:30	2.7	164	20	5.3	0.0	24.0	71
19/06/2024 16:40	4.4	176	15	6.4	0.0	23.9	71
19/06/2024 16:50	3.5	171	20	5.8	0.0	23.7	71
19/06/2024 17:00	4.1	176	16	6.8	0.0	23.8	70
19/06/2024 17:10	3.2	159	20	5.6	0.0	23.7	69
19/06/2024 17:20	3.1	162	20	4.8	0.0	23.5	71
19/06/2024 17:30	3.8	186	12	6.0	0.0	22.9	78
19/06/2024 17:40	3.9	191	11	6.2	0.0	22.7	79
19/06/2024 17:50	5.7	191	8	8.0	0.0	22.5	80
19/06/2024 18:00	5.8	190	10	9.5	0.0	22.4	80
19/06/2024 18:10	6.1	185	10	8.8	0.0	22.1	81
19/06/2024 18:20	6.0	177	9	9.5	0.0	22.0	79
19/06/2024 18:30	6.1	176	10	8.6	0.0	22.0	79
19/06/2024 18:40	5.2	171	13	8.3	0.0	21.8	81
19/06/2024 18:50	4.2	174	16	7.1	0.0	21.7	82
19/06/2024 19:00	2.7	150	25	6.5	0.0	21.6	82
19/06/2024 19:10	3.8	174	14	6.9	0.0	21.4	82
19/06/2024 19:20	4.2	172	16	7.2	0.0	21.3	82
19/06/2024 19:30	3.1	154	22	6.8	0.0	21.4	81
19/06/2024 19:40	3.4	161	21	6.2	0.0	21.5	80
19/06/2024 19:50	3.5	144	18	5.9	0.0	21.5	81
19/06/2024 20:00	3.6	145	17	5.8	0.0	21.6	81
19/06/2024 20:10	3.9	137	15	6.9	0.0	21.5	82
19/06/2024 20:20	3.3	136	18	5.8	0.0	21.4	84
19/06/2024 20:30	3.3	138	15	5.5	0.0	21.4	84
19/06/2024 20:40	3.9	139	14	5.8	0.0	21.5	83
19/06/2024 20:50	4.0	142	15	6.4	0.0	21.4	82
19/06/2024 21:00	3.9	142	17	6.4	0.0	21.2	82
19/06/2024 21:10	3.6	150	16	6.2	0.0	21.1	83
19/06/2024 21:20	3.9	142	15	6.6	0.0	20.9	83
19/06/2024 21:30	3.1	157	23	6.1	0.0	20.8	84
19/06/2024 21:40	3.0	159	20	5.2	0.0	20.7	84
19/06/2024 21:50	3.0	144	18	5.2	0.0	20.7	84
19/06/2024 22:00	2.6	153	23	4.9	0.0	20.8	84
19/06/2024 22:10	3.0	146	21	6.1	0.0	20.8	85
19/06/2024 22:20	2.9	143	19	4.5	0.0	20.8	84
19/06/2024 22:30	3.1	145	17	5.6	0.0	20.9	83
19/06/2024 22:40	3.0	137	20	5.3	0.0	21.0	83
19/06/2024 22:50	3.2	142	15	5.9	0.0	20.9	84
19/06/2024 23:00	2.7	142	20	5.4	0.0	20.8	85
19/06/2024 23:10	2.3	157	24	3.9	0.1	20.8	86
19/06/2024 23:20	2.5	158	20	4.7	0.1	20.5	88
19/06/2024 23:30	2.9	143	14	4.3	0.1	20.3	89
19/06/2024 23:40	2.9	146	19	5.5	0.0	20.3	88
19/06/2024 23:50	2.2	153	24	3.9	0.0	20.4	88
20/06/2024 00:00	2.9	148	21	5.3	0.1	20.3	87
20/06/2024 00:10	2.5	150	24	4.6	0.0	20.2	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/06/2024 00:20	4.1	177	12	6.5	0.2	20.0	89
20/06/2024 00:30	3.3	163	19	5.5	0.1	19.7	92
20/06/2024 00:40	3.6	147	20	6.8	0.2	19.8	89
20/06/2024 00:50	3.2	138	18	5.3	0.2	20.0	86
20/06/2024 01:00	1.8	128	24	3.4	0.4	20.0	87
20/06/2024 01:10	2.8	121	21	5.0	1.0	19.5	90
20/06/2024 01:20	3.4	111	13	6.0	0.6	19.4	91
20/06/2024 01:30	3.3	140	15	5.0	0.3	19.3	91
20/06/2024 01:40	3.4	121	24	6.7	0.0	19.5	89
20/06/2024 01:50	5.5	107	11	8.5	0.1	19.9	85
20/06/2024 02:00	5.2	107	11	8.5	0.0	20.1	83
20/06/2024 02:10	5.6	105	10	8.1	0.0	20.5	81
20/06/2024 02:20	5.5	109	11	8.4	0.0	20.5	81
20/06/2024 02:30	4.7	107	12	7.5	0.0	20.5	82
20/06/2024 02:40	4.5	109	11	8.0	0.0	20.5	81
20/06/2024 02:50	5.7	107	12	8.6	0.0	20.5	80
20/06/2024 03:00	5.8	104	11	9.7	0.0	20.5	80
20/06/2024 03:10	6.1	106	9	9.6	0.0	20.4	78
20/06/2024 03:20	6.0	99	9	9.0	0.0	20.4	79
20/06/2024 03:30	5.9	99	9	9.2	0.0	20.4	79
20/06/2024 03:40	6.4	108	10	9.3	0.0	20.5	79
20/06/2024 03:50	6.3	106	10	9.6	0.0	20.2	80
20/06/2024 04:00	6.5	105	10	10.5	0.0	20.0	82
20/06/2024 04:10	6.1	104	10	9.1	0.0	19.9	82
20/06/2024 04:20	6.5	106	10	9.1	0.0	19.9	80
20/06/2024 04:30	5.3	104	11	8.3	0.0	20.0	79
20/06/2024 04:40	5.6	106	11	8.5	0.0	20.0	79
20/06/2024 04:50	5.4	105	10	8.3	0.0	20.2	79
20/06/2024 05:00	5.2	106	10	8.0	0.0	20.2	78
20/06/2024 05:10	5.5	103	10	8.0	0.0	20.1	79
20/06/2024 05:20	6.2	101	9	9.1	0.0	20.2	77
20/06/2024 05:30	5.7	105	10	8.2	0.0	20.1	77
20/06/2024 05:40	5.9	100	9	8.9	0.0	20.0	78
20/06/2024 05:50	6.7	96	7	9.8	0.0	20.0	78
20/06/2024 06:00	7.5	96	7	10.7	0.0	20.0	77
20/06/2024 06:10	6.5	99	11	9.3	0.0	20.0	78
20/06/2024 06:20	6.4	102	12	10.3	0.0	19.9	79
20/06/2024 06:30	6.3	103	11	9.4	0.0	19.9	78
20/06/2024 06:40	6.6	102	9	10.3	0.0	19.8	78
20/06/2024 06:50	7.3	102	9	10.4	0.0	19.6	77
20/06/2024 07:00	8.2	97	8	12.0	0.0	19.5	75
20/06/2024 07:10	7.4	99	10	10.9	0.0	19.3	76
20/06/2024 07:20	6.7	104	11	9.4	0.0	19.3	78
20/06/2024 07:30	7.2	104	11	11.4	0.0	19.2	77
20/06/2024 07:40	7.4	102	10	11.5	0.0	19.2	75
20/06/2024 07:50	7.8	101	11	11.5	0.0	19.1	74
20/06/2024 08:00	8.1	104	11	12.3	0.0	19.2	72
20/06/2024 08:10	7.6	104	11	11.7	0.0	19.2	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/06/2024 08:20	8.1	101	11	12.7	0.0	19.0	72
20/06/2024 08:30	7.6	106	12	11.8	0.0	19.1	71
20/06/2024 08:40	8.1	107	10	12.2	0.0	19.2	69
20/06/2024 08:50	8.3	106	11	11.8	0.0	19.2	69
20/06/2024 09:00	8.0	107	10	11.7	0.0	19.2	70
20/06/2024 09:10	7.8	105	11	12.0	0.0	19.5	69
20/06/2024 09:20	7.8	108	11	12.0	0.0	19.5	68
20/06/2024 09:30	8.3	109	10	12.0	0.0	19.6	67
20/06/2024 09:40	8.5	108	10	12.5	0.0	19.6	66
20/06/2024 09:50	7.6	107	11	10.6	0.0	20.0	66
20/06/2024 10:00	8.5	110	11	12.2	0.0	20.0	64
20/06/2024 10:10	8.2	108	10	11.5	0.0	20.3	64
20/06/2024 10:20	8.3	108	11	12.6	0.0	20.2	63
20/06/2024 10:30	8.0	110	10	11.6	0.0	20.1	64
20/06/2024 10:40	7.3	106	10	11.4	0.0	20.5	62
20/06/2024 10:50	7.6	107	11	11.2	0.0	20.9	61
20/06/2024 11:00	7.6	105	11	10.9	0.0	21.1	60
20/06/2024 11:10	8.0	108	10	11.7	0.0	21.4	59
20/06/2024 11:20	7.3	108	10	11.2	0.0	21.6	58
20/06/2024 11:30	7.8	108	9	11.9	0.0	21.7	57
20/06/2024 11:40	6.9	106	10	10.2	0.0	22.0	56
20/06/2024 11:50	7.3	106	11	10.6	0.0	22.2	55
20/06/2024 12:00	7.2	108	10	10.3	0.0	22.4	54
20/06/2024 12:10	7.1	110	11	10.7	0.0	22.7	53
20/06/2024 12:20	7.9	108	11	11.6	0.0	22.8	53
20/06/2024 12:30	7.1	107	11	10.3	0.0	23.1	51
20/06/2024 12:40	7.5	105	11	11.2	0.0	23.4	51
20/06/2024 12:50	7.3	109	10	10.9	0.0	23.4	50
20/06/2024 13:00	6.7	106	11	10.3	0.0	23.8	49
20/06/2024 13:10	7.3	101	10	10.5	0.0	24.0	49
20/06/2024 13:20	7.2	93	8	9.8	0.0	24.0	52
20/06/2024 13:30	7.6	89	8	10.1	0.0	24.1	52
20/06/2024 13:40	7.7	88	9	10.7	0.0	24.4	51
20/06/2024 13:50	8.2	92	9	11.1	0.0	24.3	51
20/06/2024 14:00	7.5	90	8	11.7	0.0	24.5	51
20/06/2024 14:10	7.3	91	8	10.3	0.0	24.6	50
20/06/2024 14:20	7.4	94	9	10.1	0.0	24.8	50
20/06/2024 14:30	7.1	94	10	9.7	0.0	24.7	49
20/06/2024 14:40	7.0	94	9	10.4	0.0	25.0	49
20/06/2024 14:50	7.1	90	7	9.8	0.0	25.0	50
20/06/2024 15:00	6.5	93	9	10.3	0.0	25.2	49
20/06/2024 15:10	6.8	94	8	9.0	0.0	25.2	50
20/06/2024 15:20	6.3	97	9	8.4	0.0	25.2	49
20/06/2024 15:30	6.0	94	8	8.2	0.0	25.5	48
20/06/2024 15:40	5.6	98	10	8.3	0.0	25.6	49
20/06/2024 15:50	5.5	106	10	8.2	0.0	25.7	45
20/06/2024 16:00	5.7	106	9	8.4	0.0	25.6	45
20/06/2024 16:10	5.7	105	11	8.6	0.0	25.6	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/06/2024 16:20	5.2	106	10	8.4	0.0	25.7	45
20/06/2024 16:30	5.4	105	10	7.9	0.0	25.6	46
20/06/2024 16:40	5.4	106	10	8.5	0.0	25.5	46
20/06/2024 16:50	5.3	107	11	8.1	0.0	25.4	46
20/06/2024 17:00	5.5	106	13	7.8	0.0	25.3	47
20/06/2024 17:10	5.3	107	11	8.1	0.0	25.1	48
20/06/2024 17:20	5.3	108	12	7.4	0.0	25.0	47
20/06/2024 17:30	5.3	109	10	8.4	0.0	24.9	48
20/06/2024 17:40	5.1	108	11	8.3	0.0	24.7	50
20/06/2024 17:50	4.8	108	11	7.4	0.0	24.6	50
20/06/2024 18:00	5.0	107	10	7.6	0.0	24.5	49
20/06/2024 18:10	5.1	105	12	7.8	0.0	24.5	48
20/06/2024 18:20	4.4	107	12	6.4	0.0	24.4	49
20/06/2024 18:30	4.6	106	10	6.9	0.0	24.3	49
20/06/2024 18:40	4.8	106	10	7.7	0.0	24.3	49
20/06/2024 18:50	4.6	106	9	7.0	0.0	24.2	49
20/06/2024 19:00	4.8	108	10	7.2	0.0	24.0	50
20/06/2024 19:10	4.6	108	11	7.5	0.0	23.9	51
20/06/2024 19:20	5.5	107	12	7.9	0.0	23.9	50
20/06/2024 19:30	5.5	108	12	8.3	0.0	23.7	51
20/06/2024 19:40	5.3	106	11	8.7	0.0	23.6	52
20/06/2024 19:50	5.3	106	10	8.4	0.0	23.5	52
20/06/2024 20:00	5.1	106	11	7.7	0.0	23.5	52
20/06/2024 20:10	5.8	106	11	9.0	0.0	23.4	52
20/06/2024 20:20	5.4	106	11	8.8	0.0	23.3	53
20/06/2024 20:30	5.1	106	10	7.5	0.0	23.2	54
20/06/2024 20:40	4.7	108	12	7.9	0.0	23.2	53
20/06/2024 20:50	4.6	108	12	7.7	0.0	23.0	53
20/06/2024 21:00	4.7	108	13	8.2	0.0	23.0	53
20/06/2024 21:10	5.4	106	12	8.6	0.0	22.9	53
20/06/2024 21:20	5.5	109	11	8.5	0.0	22.9	52
20/06/2024 21:30	4.7	109	12	7.8	0.0	22.8	52
20/06/2024 21:40	5.6	108	11	8.6	0.0	22.7	52
20/06/2024 21:50	5.2	108	11	7.6	0.0	22.6	53
20/06/2024 22:00	4.7	108	11	7.6	0.0	22.5	53
20/06/2024 22:10	5.5	107	11	9.2	0.0	22.5	54
20/06/2024 22:20	5.3	107	11	8.6	0.0	22.4	53
20/06/2024 22:30	4.8	108	12	7.3	0.0	22.2	55
20/06/2024 22:40	5.6	108	11	8.4	0.0	22.2	53
20/06/2024 22:50	5.4	109	11	8.4	0.0	22.1	53
20/06/2024 23:00	4.9	106	10	7.2	0.0	21.9	54
20/06/2024 23:10	5.5	107	11	8.0	0.0	21.8	55
20/06/2024 23:20	5.6	108	11	8.9	0.0	21.8	54
20/06/2024 23:30	6.5	105	10	9.5	0.0	21.8	54
20/06/2024 23:40	6.5	105	12	11.3	0.0	21.7	54
20/06/2024 23:50	6.3	104	11	9.3	0.0	21.6	55
21/06/2024 00:00	6.1	106	11	10.0	0.0	21.5	56
21/06/2024 00:10	7.2	107	11	11.4	0.0	21.4	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/06/2024 00:20	7.8	109	12	11.7	0.0	21.3	55
21/06/2024 00:30	6.5	104	11	9.2	0.0	21.2	56
21/06/2024 00:40	6.8	108	10	10.4	0.0	21.0	56
21/06/2024 00:50	6.0	105	11	9.2	0.0	20.9	57
21/06/2024 01:00	7.2	107	10	10.7	0.0	20.9	55
21/06/2024 01:10	6.6	106	12	10.3	0.0	20.8	55
21/06/2024 01:20	6.6	108	11	9.5	0.0	20.8	56
21/06/2024 01:30	6.0	109	13	10.0	0.0	20.7	56
21/06/2024 01:40	5.9	109	13	9.7	0.0	20.5	56
21/06/2024 01:50	6.2	109	11	10.5	0.0	20.5	57
21/06/2024 02:00	7.0	110	11	10.9	0.0	20.5	56
21/06/2024 02:10	5.3	107	13	8.7	0.0	20.3	56
21/06/2024 02:20	5.3	112	15	10.1	0.0	20.1	56
21/06/2024 02:30	4.5	113	19	8.4	0.0	19.9	56
21/06/2024 02:40	5.3	109	15	9.2	0.0	19.8	56
21/06/2024 02:50	6.8	110	12	11.8	0.0	19.7	55
21/06/2024 03:00	6.7	110	11	10.9	0.0	19.6	55
21/06/2024 03:10	6.6	107	11	9.6	0.0	19.6	56
21/06/2024 03:20	7.5	106	12	10.9	0.0	19.5	56
21/06/2024 03:30	6.4	104	10	9.9	0.0	19.4	57
21/06/2024 03:40	6.6	103	10	9.9	0.0	19.3	56
21/06/2024 03:50	6.4	107	10	10.1	0.0	19.3	56
21/06/2024 04:00	5.9	108	11	9.8	0.0	19.2	56
21/06/2024 04:10	6.6	109	11	9.4	0.0	19.1	56
21/06/2024 04:20	5.1	112	16	8.5	0.0	19.0	58
21/06/2024 04:30	5.0	111	17	9.1	0.0	18.8	56
21/06/2024 04:40	5.9	108	10	9.7	0.0	18.8	57
21/06/2024 04:50	5.7	109	10	8.8	0.0	18.6	57
21/06/2024 05:00	6.2	108	11	9.9	0.0	18.6	57
21/06/2024 05:10	5.8	107	12	9.6	0.0	18.5	57
21/06/2024 05:20	6.2	106	9	9.3	0.0	18.6	57
21/06/2024 05:30	6.3	104	12	10.0	0.0	18.6	56
21/06/2024 05:40	6.5	108	11	9.8	0.0	18.5	57
21/06/2024 05:50	6.8	106	11	10.7	0.0	18.5	56
21/06/2024 06:00	6.8	104	10	11.2	0.0	18.5	55
21/06/2024 06:10	6.5	106	11	9.8	0.0	18.4	56
21/06/2024 06:20	6.2	102	9	9.4	0.0	18.4	57
21/06/2024 06:30	7.4	100	10	11.3	0.0	18.3	55
21/06/2024 06:40	6.7	109	12	10.9	0.0	18.4	55
21/06/2024 06:50	6.2	104	10	9.5	0.0	18.3	57
21/06/2024 07:00	7.3	99	9	10.6	0.0	18.3	56
21/06/2024 07:10	7.5	100	10	10.3	0.0	18.3	54
21/06/2024 07:20	6.9	103	9	11.2	0.0	18.4	55
21/06/2024 07:30	6.5	105	10	9.0	0.0	18.4	55
21/06/2024 07:40	7.0	103	10	11.0	0.0	18.6	54
21/06/2024 07:50	7.0	105	11	9.9	0.0	18.7	53
21/06/2024 08:00	6.7	106	11	10.2	0.0	18.8	52
21/06/2024 08:10	7.4	107	11	10.6	0.0	18.9	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/06/2024 08:20	6.8	107	11	11.1	0.0	18.9	51
21/06/2024 08:30	6.9	105	11	11.2	0.0	19.1	51
21/06/2024 08:40	7.8	104	10	11.6	0.0	19.2	50
21/06/2024 08:50	7.8	104	11	11.3	0.0	19.4	48
21/06/2024 09:00	7.4	105	12	11.3	0.0	19.5	48
21/06/2024 09:10	7.7	107	11	12.2	0.0	19.7	47
21/06/2024 09:20	7.6	106	11	11.7	0.0	19.9	47
21/06/2024 09:30	8.4	98	8	12.2	0.0	20.2	45
21/06/2024 09:40	8.6	96	9	11.3	0.0	20.4	45
21/06/2024 09:50	8.6	98	10	12.7	0.0	20.7	44
21/06/2024 10:00	8.3	95	9	11.2	0.0	20.8	43
21/06/2024 10:10	7.9	96	9	12.6	0.0	21.2	43
21/06/2024 10:20	8.2	96	9	11.6	0.0	21.4	42
21/06/2024 10:30	8.9	94	9	12.1	0.0	21.6	43
21/06/2024 10:40	8.5	94	8	12.4	0.1	21.8	42
21/06/2024 10:50	7.8	91	10	11.3	0.0	22.3	41
21/06/2024 11:00	8.2	87	9	12.4	0.0	22.5	41
21/06/2024 11:10	8.2	87	8	11.3	0.0	22.5	41
21/06/2024 11:20	7.9	88	9	10.9	0.0	23.0	40
21/06/2024 11:30	8.0	87	9	11.2	0.0	22.9	40
21/06/2024 11:40	7.4	87	9	10.3	0.0	23.1	40
21/06/2024 11:50	7.3	87	8	10.0	0.0	23.1	41
21/06/2024 12:00	7.7	84	9	10.3	0.0	23.2	41
21/06/2024 12:10	7.4	83	10	10.9	0.0	23.2	41
21/06/2024 12:20	6.8	83	9	9.4	0.0	23.5	41
21/06/2024 12:30	7.5	76	8	10.0	0.0	23.5	41
21/06/2024 12:40	8.6	75	6	10.6	0.0	23.0	41
21/06/2024 12:50	8.4	74	6	10.9	0.0	23.0	42
21/06/2024 13:00	7.7	79	9	9.9	0.0	23.5	42
21/06/2024 13:10	8.4	75	6	10.7	0.0	23.1	44
21/06/2024 13:20	7.5	81	10	10.7	0.0	23.7	42
21/06/2024 13:30	7.8	80	9	11.5	0.0	23.6	43
21/06/2024 13:40	7.6	79	8	9.6	0.0	23.7	43
21/06/2024 13:50	7.4	78	9	10.3	0.0	23.9	42
21/06/2024 14:00	7.7	77	8	10.7	0.0	23.9	41
21/06/2024 14:10	7.7	75	7	9.8	0.0	23.7	42
21/06/2024 14:20	7.7	75	7	9.8	0.0	23.9	42
21/06/2024 14:30	7.5	74	7	9.8	0.0	24.0	42
21/06/2024 14:40	7.5	77	7	10.2	0.0	23.9	42
21/06/2024 14:50	8.1	75	7	9.5	0.0	23.9	42
21/06/2024 15:00	7.4	76	6	9.4	0.0	24.1	40
21/06/2024 15:10	7.3	78	7	9.8	0.0	24.3	40
21/06/2024 15:20	6.4	80	8	8.8	0.0	24.6	40
21/06/2024 15:30	6.5	79	8	8.9	0.0	24.7	39
21/06/2024 15:40	6.4	81	8	8.2	0.0	24.8	39
21/06/2024 15:50	6.3	82	7	8.3	0.0	24.7	39
21/06/2024 16:00	5.6	78	9	7.8	0.0	24.8	40
21/06/2024 16:10	5.4	79	9	7.2	0.0	24.7	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/06/2024 16:20	5.3	79	8	6.9	0.0	24.9	39
21/06/2024 16:30	5.1	79	9	7.0	0.0	24.9	39
21/06/2024 16:40	4.7	76	9	6.6	0.0	25.0	39
21/06/2024 16:50	4.6	72	9	6.1	0.0	24.7	40
21/06/2024 17:00	4.7	70	9	6.4	0.0	24.7	41
21/06/2024 17:10	4.5	70	8	6.3	0.0	24.6	40
21/06/2024 17:20	4.1	72	9	5.9	0.0	24.3	42
21/06/2024 17:30	3.7	66	7	4.9	0.0	24.0	44
21/06/2024 17:40	3.3	66	7	4.4	0.0	23.6	49
21/06/2024 17:50	3.1	67	5	4.0	0.0	23.1	52
21/06/2024 18:00	2.9	66	6	4.1	0.0	22.8	55
21/06/2024 18:10	2.7	71	6	3.6	0.0	22.6	55
21/06/2024 18:20	2.1	83	7	2.9	0.0	22.5	55
21/06/2024 18:30	1.9	84	7	2.7	0.0	22.4	56
21/06/2024 18:40	1.9	79	6	2.6	0.0	22.2	57
21/06/2024 18:50	1.4	103	11	2.0	0.0	21.8	60
21/06/2024 19:00	1.9	95	8	2.5	0.0	22.3	61
21/06/2024 19:10	1.4	101	11	2.1	0.0	21.9	65
21/06/2024 19:20	1.1	98	13	1.8	0.0	21.2	67
21/06/2024 19:30	1.2	99	9	1.7	0.0	21.0	69
21/06/2024 19:40	1.0	89	8	1.4	0.0	21.0	70
21/06/2024 19:50	0.9	95	11	1.4	0.0	20.9	71
21/06/2024 20:00	0.9	88	10	1.3	0.0	21.2	71
21/06/2024 20:10	0.9	98	8	1.2	0.0	21.2	71
21/06/2024 20:20	0.8	113	12	1.2	0.0	21.3	73
21/06/2024 20:30	0.9	102	14	1.4	0.0	21.3	73
21/06/2024 20:40	0.8	106	11	1.2	0.0	21.2	75
21/06/2024 20:50	0.5	112	13	0.9	0.0	21.0	76
21/06/2024 21:00	0.6	107	10	1.0	0.0	20.7	78
21/06/2024 21:10	0.5	107	9	0.7	0.0	20.6	80
21/06/2024 21:20	0.7	92	14	1.0	0.0	20.5	80
21/06/2024 21:30	0.9	82	11	1.2	0.0	20.1	83
21/06/2024 21:40	0.9	92	12	1.3	0.0	19.9	84
21/06/2024 21:50	1.1	96	7	1.4	0.0	19.9	85
21/06/2024 22:00	1.4	101	4	1.7	0.0	19.8	85
21/06/2024 22:10	1.7	100	4	2.0	0.0	19.9	84
21/06/2024 22:20	1.9	96	4	2.2	0.0	19.8	85
21/06/2024 22:30	2.1	94	4	2.5	0.0	19.6	86
21/06/2024 22:40	2.1	92	3	2.4	0.0	19.4	86
21/06/2024 22:50	2.0	105	8	2.8	0.0	19.6	87
21/06/2024 23:00	2.0	111	10	2.8	0.0	19.8	89
21/06/2024 23:10	1.9	108	11	2.9	0.0	20.0	89
21/06/2024 23:20	1.8	108	11	3.0	0.0	20.1	86
21/06/2024 23:30	1.6	98	10	2.2	0.0	20.3	85
21/06/2024 23:40	1.4	86	9	2.0	0.0	20.2	86
21/06/2024 23:50	1.4	76	5	1.7	0.0	20.2	86
22/06/2024 00:00	1.2	73	7	1.6	0.0	20.2	85
22/06/2024 00:10	1.1	81	9	1.7	0.0	19.9	87



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/06/2024 00:20	1.4	104	13	2.5	0.0	19.7	80
22/06/2024 00:30	1.3	111	13	2.0	0.0	20.2	70
22/06/2024 00:40	1.3	106	16	2.2	0.0	20.4	66
22/06/2024 00:50	1.3	106	16	2.1	0.0	20.3	65
22/06/2024 01:00	1.6	99	17	2.9	0.0	20.1	63
22/06/2024 01:10	2.0	109	22	3.8	0.0	20.3	58
22/06/2024 01:20	2.5	107	17	4.6	0.0	20.7	54
22/06/2024 01:30	2.9	103	13	5.0	0.0	20.9	54
22/06/2024 01:40	3.0	100	12	4.4	0.0	20.9	55
22/06/2024 01:50	2.9	98	11	4.2	0.0	20.5	58
22/06/2024 02:00	2.7	97	11	4.1	0.0	20.5	58
22/06/2024 02:10	2.5	95	10	3.9	0.0	20.2	59
22/06/2024 02:20	2.5	97	8	3.6	0.0	20.2	59
22/06/2024 02:30	2.4	100	11	3.8	0.0	20.3	60
22/06/2024 02:40	2.5	95	8	3.6	0.0	20.1	60
22/06/2024 02:50	2.5	96	9	3.6	0.0	19.8	60
22/06/2024 03:00	2.8	98	10	4.2	0.0	20.3	57
22/06/2024 03:10	3.0	100	9	4.6	0.0	20.5	56
22/06/2024 03:20	3.1	98	8	4.0	0.0	20.3	57
22/06/2024 03:30	3.3	97	8	4.8	0.0	20.5	56
22/06/2024 03:40	3.8	97	8	5.2	0.0	20.7	54
22/06/2024 03:50	4.2	99	8	6.0	0.0	20.9	52
22/06/2024 04:00	4.5	101	10	6.6	0.0	21.1	51
22/06/2024 04:10	4.5	100	8	6.3	0.0	21.1	51
22/06/2024 04:20	5.3	98	8	7.7	0.0	21.2	49
22/06/2024 04:30	5.0	101	10	7.9	0.0	21.2	49
22/06/2024 04:40	4.6	103	11	6.4	0.0	21.1	50
22/06/2024 04:50	4.4	104	9	6.7	0.0	21.1	51
22/06/2024 05:00	4.9	104	11	7.2	0.0	21.1	49
22/06/2024 05:10	4.9	103	11	6.9	0.0	20.9	49
22/06/2024 05:20	5.1	102	10	7.4	0.0	20.9	49
22/06/2024 05:30	5.2	104	10	7.7	0.0	20.8	48
22/06/2024 05:40	4.5	103	11	7.0	0.0	20.7	50
22/06/2024 05:50	4.8	103	10	7.9	0.0	20.7	49
22/06/2024 06:00	5.1	103	10	7.3	0.0	20.7	48
22/06/2024 06:10	4.7	103	10	6.7	0.0	20.5	50
22/06/2024 06:20	4.9	102	10	6.9	0.0	20.5	49
22/06/2024 06:30	4.6	102	9	6.4	0.0	20.4	50
22/06/2024 06:40	4.7	105	10	7.0	0.0	20.4	49
22/06/2024 06:50	4.7	103	11	6.8	0.0	20.3	50
22/06/2024 07:00	4.6	102	9	6.3	0.0	20.4	49
22/06/2024 07:10	5.5	98	7	7.5	0.0	20.4	47
22/06/2024 07:20	5.1	98	7	6.8	0.0	20.5	48
22/06/2024 07:30	4.8	101	10	7.9	0.0	20.7	47
22/06/2024 07:40	5.7	100	9	8.0	0.0	20.9	45
22/06/2024 07:50	5.2	101	10	8.2	0.0	21.0	46
22/06/2024 08:00	5.3	102	9	7.8	0.0	21.1	46
22/06/2024 08:10	5.4	104	9	7.7	0.0	21.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/06/2024 08:20	5.3	104	9	7.5	0.0	21.3	45
22/06/2024 08:30	6.0	101	9	9.1	0.0	21.5	44
22/06/2024 08:40	6.4	101	9	8.9	0.0	21.8	43
22/06/2024 08:50	6.4	103	10	9.7	0.0	22.1	42
22/06/2024 09:00	5.4	106	12	8.6	0.0	22.4	42
22/06/2024 09:10	5.5	104	11	8.0	0.0	22.6	41
22/06/2024 09:20	5.7	104	10	8.7	0.0	22.9	41
22/06/2024 09:30	5.6	103	11	8.6	0.0	23.2	41
22/06/2024 09:40	6.4	102	11	8.9	0.0	23.4	40
22/06/2024 09:50	7.3	97	9	10.4	0.0	23.6	40
22/06/2024 10:00	7.7	94	7	10.2	0.0	23.8	40
22/06/2024 10:10	7.6	89	7	10.8	0.0	24.1	39
22/06/2024 10:20	7.5	91	7	9.7	0.0	24.2	41
22/06/2024 10:30	7.3	91	7	10.1	0.0	24.2	43
22/06/2024 10:40	7.7	92	8	10.1	0.0	24.3	41
22/06/2024 10:50	7.7	91	8	10.7	0.0	24.5	41
22/06/2024 11:00	7.0	91	8	9.7	0.0	24.6	41
22/06/2024 11:10	7.5	85	8	10.4	0.0	24.9	41
22/06/2024 11:20	7.7	85	8	11.0	0.0	24.9	41
22/06/2024 11:30	8.0	87	7	10.4	0.0	25.0	40
22/06/2024 11:40	7.6	88	8	10.5	0.0	25.1	42
22/06/2024 11:50	7.7	86	7	10.2	0.0	25.1	43
22/06/2024 12:00	7.5	89	8	9.7	0.0	25.2	43
22/06/2024 12:10	7.6	89	7	10.7	0.0	25.1	44
22/06/2024 12:20	7.6	90	7	10.8	0.0	25.0	43
22/06/2024 12:30	8.2	90	7	10.2	0.0	24.9	44
22/06/2024 12:40	6.5	88	10	9.7	0.0	25.3	43
22/06/2024 12:50	7.5	91	7	10.2	0.0	25.1	43
22/06/2024 13:00	7.4	92	7	9.7	0.0	25.1	43
22/06/2024 13:10	6.8	89	7	9.6	0.0	25.0	44
22/06/2024 13:20	7.0	89	6	9.0	0.0	25.0	45
22/06/2024 13:30	5.8	89	8	8.3	0.0	25.3	45
22/06/2024 13:40	6.6	73	7	8.8	0.0	25.3	44
22/06/2024 13:50	6.6	75	7	8.7	0.0	25.1	45
22/06/2024 14:00	7.0	75	7	9.0	0.0	25.0	45
22/06/2024 14:10	6.7	78	7	8.8	0.0	25.2	44
22/06/2024 14:20	7.0	82	7	8.7	0.0	25.4	44
22/06/2024 14:30	6.7	85	7	9.1	0.0	25.7	43
22/06/2024 14:40	6.6	87	8	8.5	0.0	25.6	43
22/06/2024 14:50	6.2	87	7	7.9	0.0	25.8	45
22/06/2024 15:00	6.1	84	9	8.2	0.0	25.8	46
22/06/2024 15:10	6.1	86	8	8.3	0.0	25.7	46
22/06/2024 15:20	6.4	86	7	8.9	0.0	25.7	46
22/06/2024 15:30	6.2	86	8	8.2	0.0	25.6	47
22/06/2024 15:40	6.1	84	8	7.9	0.0	25.7	48
22/06/2024 15:50	6.1	86	7	8.3	0.0	25.5	50
22/06/2024 16:00	5.7	85	7	7.7	0.0	25.3	51
22/06/2024 16:10	5.0	82	8	7.2	0.0	25.4	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/06/2024 16:20	4.9	81	9	7.1	0.0	25.3	54
22/06/2024 16:30	5.4	74	8	7.3	0.0	25.1	55
22/06/2024 16:40	5.8	66	8	8.3	0.0	25.0	56
22/06/2024 16:50	5.4	60	8	7.6	0.0	24.8	59
22/06/2024 17:00	5.9	64	8	7.9	0.0	24.6	59
22/06/2024 17:10	5.6	64	7	7.3	0.0	24.4	60
22/06/2024 17:20	4.6	65	8	6.7	0.0	24.3	62
22/06/2024 17:30	3.9	65	7	5.7	0.0	23.8	66
22/06/2024 17:40	3.6	65	7	5.0	0.0	23.6	69
22/06/2024 17:50	2.9	64	8	4.3	0.0	23.3	71
22/06/2024 18:00	2.6	63	7	3.5	0.0	23.1	73
22/06/2024 18:10	2.3	62	8	3.4	0.0	22.8	75
22/06/2024 18:20	2.4	61	8	3.8	0.0	22.6	76
22/06/2024 18:30	2.2	59	8	3.1	0.0	22.4	76
22/06/2024 18:40	2.1	47	7	2.8	0.0	22.1	79
22/06/2024 18:50	1.2	64	18	2.1	0.0	22.0	80
22/06/2024 19:00	0.6	146	51	1.3	0.0	22.0	80
22/06/2024 19:10	1.0	171	31	1.7	0.0	22.1	80
22/06/2024 19:20	1.2	158	31	2.1	0.0	22.3	80
22/06/2024 19:30	1.1	93	22	1.7	0.0	22.6	79
22/06/2024 19:40	1.3	86	15	1.8	0.0	22.5	79
22/06/2024 19:50	0.6	88	16	1.0	0.0	22.3	80
22/06/2024 20:00	0.7	73	11	1.0	0.0	22.0	81
22/06/2024 20:10	1.1	86	8	1.4	0.0	21.8	81
22/06/2024 20:20	1.0	82	10	1.2	0.0	21.3	83
22/06/2024 20:30	0.8	82	11	1.0	0.0	21.1	85
22/06/2024 20:40	1.0	92	9	1.3	0.0	21.3	85
22/06/2024 20:50	0.8	61	7	1.1	0.0	21.3	86
22/06/2024 21:00	0.7	78	9	0.9	0.0	21.2	86
22/06/2024 21:10	0.8	87	5	0.9	0.0	20.9	86
22/06/2024 21:20	0.9	92	7	1.1	0.0	20.8	86
22/06/2024 21:30	0.6	72	13	0.8	0.0	20.5	88
22/06/2024 21:40	0.7	50	7	0.8	0.0	20.7	89
22/06/2024 21:50	1.0	60	12	1.4	0.0	21.2	88
22/06/2024 22:00	1.5	96	8	1.9	0.0	20.7	88
22/06/2024 22:10	1.2	70	5	1.5	0.0	20.4	91
22/06/2024 22:20	1.2	81	16	2.1	0.0	20.3	92
22/06/2024 22:30	0.5	34	21	1.1	0.0	20.4	93
22/06/2024 22:40	0.7	174	21	1.1	0.0	20.6	93
22/06/2024 22:50	0.8	49	5	1.0	0.0	20.4	92
22/06/2024 23:00	1.2	57	5	1.4	0.0	20.1	92
22/06/2024 23:10	0.9	40	7	1.1	0.0	20.2	93
22/06/2024 23:20	1.2	47	6	1.5	0.0	20.3	92
22/06/2024 23:30	1.0	16	11	1.2	0.0	20.2	92
22/06/2024 23:40	0.7	35	16	1.1	0.0	20.3	90
22/06/2024 23:50	1.0	63	17	1.4	0.0	20.1	90
23/06/2024 00:00	0.5	93	41	1.0	0.0	19.9	90
23/06/2024 00:10	0.8	92	25	1.2	0.0	20.2	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/06/2024 00:20	0.9	52	8	1.1	0.0	20.2	86
23/06/2024 00:30	0.9	55	10	1.4	0.0	19.9	86
23/06/2024 00:40	1.1	64	9	1.7	0.0	19.7	87
23/06/2024 00:50	1.3	63	7	1.7	0.0	19.7	85
23/06/2024 01:00	1.5	77	5	2.0	0.0	19.7	83
23/06/2024 01:10	1.1	77	21	1.8	0.0	19.5	82
23/06/2024 01:20	1.8	84	10	2.4	0.0	19.7	80
23/06/2024 01:30	1.7	89	21	2.5	0.0	19.8	78
23/06/2024 01:40	0.7	88	30	1.9	0.0	20.3	75
23/06/2024 01:50	0.9	67	28	1.6	0.0	20.6	72
23/06/2024 02:00	1.2	40	8	1.7	0.0	20.4	73
23/06/2024 02:10	1.0	40	11	1.4	0.0	19.8	76
23/06/2024 02:20	1.2	41	11	2.3	0.0	19.7	76
23/06/2024 02:30	0.5	86	25	1.0	0.0	19.6	76
23/06/2024 02:40	0.7	73	33	1.2	0.0	19.8	74
23/06/2024 02:50	0.7	57	20	1.5	0.0	19.8	73
23/06/2024 03:00	1.3	44	6	1.6	0.0	19.9	71
23/06/2024 03:10	0.7	64	36	1.2	0.0	19.2	75
23/06/2024 03:20	0.7	60	23	1.1	0.0	19.1	76
23/06/2024 03:30	0.7	67	29	1.3	0.0	19.1	77
23/06/2024 03:40	1.3	51	11	1.8	0.0	19.6	74
23/06/2024 03:50	1.4	40	7	1.7	0.0	19.2	75
23/06/2024 04:00	2.2	287	40	4.7	0.0	19.2	74
23/06/2024 04:10	0.8	288	33	2.1	0.0	19.5	70
23/06/2024 04:20	1.5	268	24	2.4	0.0	19.2	72
23/06/2024 04:30	1.3	253	22	2.2	0.0	19.5	70
23/06/2024 04:40	1.1	275	8	1.6	0.0	19.4	69
23/06/2024 04:50	0.8	285	8	0.9	0.0	19.6	68
23/06/2024 05:00	0.5	172	40	1.2	0.0	18.9	71
23/06/2024 05:10	0.8	161	27	1.5	0.0	18.8	70
23/06/2024 05:20	0.8	190	20	1.3	0.0	19.8	64
23/06/2024 05:30	0.6	274	85	1.1	0.0	20.1	62
23/06/2024 05:40	0.8	116	36	1.6	0.0	20.1	61
23/06/2024 05:50	1.4	142	21	2.8	0.0	20.4	59
23/06/2024 06:00	1.9	144	17	3.6	0.0	21.0	56
23/06/2024 06:10	0.8	152	23	1.7	0.0	20.5	58
23/06/2024 06:20	0.9	32	15	1.3	0.0	20.0	61
23/06/2024 06:30	2.0	43	6	2.5	0.0	18.8	65
23/06/2024 06:40	2.2	55	5	2.6	0.0	18.8	65
23/06/2024 06:50	2.1	58	6	2.7	0.0	19.1	64
23/06/2024 07:00	1.8	72	6	2.2	0.0	19.4	63
23/06/2024 07:10	1.5	74	14	2.0	0.0	19.3	64
23/06/2024 07:20	1.2	64	17	1.9	0.0	19.6	65
23/06/2024 07:30	1.8	55	12	2.6	0.0	19.5	67
23/06/2024 07:40	1.5	64	13	2.4	0.0	19.7	69
23/06/2024 07:50	1.5	60	13	2.2	0.0	20.2	69
23/06/2024 08:00	1.5	84	17	2.5	0.0	20.6	70
23/06/2024 08:10	2.4	101	13	3.8	0.0	20.9	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/06/2024 08:20	2.8	101	12	4.0	0.0	21.3	61
23/06/2024 08:30	3.1	99	10	4.6	0.0	21.7	58
23/06/2024 08:40	3.2	104	10	4.6	0.0	21.9	54
23/06/2024 08:50	3.4	110	11	5.1	0.0	21.8	55
23/06/2024 09:00	2.8	109	12	4.6	0.0	21.7	59
23/06/2024 09:10	3.0	111	11	4.4	0.0	21.9	62
23/06/2024 09:20	3.7	109	10	5.0	0.0	22.0	62
23/06/2024 09:30	3.2	115	11	4.7	0.0	22.1	62
23/06/2024 09:40	3.8	112	10	5.2	0.0	22.1	60
23/06/2024 09:50	3.0	116	14	4.7	0.0	22.5	58
23/06/2024 10:00	3.5	110	10	5.0	0.0	22.7	52
23/06/2024 10:10	3.0	109	10	4.6	0.0	23.1	50
23/06/2024 10:20	3.2	109	11	4.5	0.0	23.5	46
23/06/2024 10:30	3.0	105	12	4.1	0.0	24.1	44
23/06/2024 10:40	2.9	106	10	4.2	0.0	24.2	43
23/06/2024 10:50	3.1	114	11	4.3	0.0	24.0	43
23/06/2024 11:00	2.9	112	11	4.1	0.0	24.4	42
23/06/2024 11:10	3.0	106	12	4.5	0.0	24.6	41
23/06/2024 11:20	3.2	108	12	4.4	0.0	25.1	39
23/06/2024 11:30	3.9	95	14	5.5	0.0	25.5	38
23/06/2024 11:40	4.5	91	11	6.9	0.0	25.9	37
23/06/2024 11:50	5.2	76	10	7.2	0.0	25.8	37
23/06/2024 12:00	5.3	79	11	8.0	0.0	26.2	35
23/06/2024 12:10	5.9	78	9	7.5	0.0	26.3	34
23/06/2024 12:20	6.0	80	9	7.9	0.0	26.1	34
23/06/2024 12:30	5.8	75	10	7.7	0.0	25.9	35
23/06/2024 12:40	5.5	73	7	7.3	0.0	26.0	35
23/06/2024 12:50	4.8	84	13	6.7	0.0	26.1	35
23/06/2024 13:00	5.1	79	10	7.2	0.0	26.0	36
23/06/2024 13:10	6.0	78	8	8.2	0.0	25.5	38
23/06/2024 13:20	5.9	84	8	8.2	0.0	25.6	38
23/06/2024 13:30	5.9	90	8	7.6	0.0	25.5	40
23/06/2024 13:40	5.4	89	8	7.5	0.0	25.8	40
23/06/2024 13:50	5.7	86	7	7.8	0.0	25.7	40
23/06/2024 14:00	5.1	86	9	7.2	0.0	25.8	40
23/06/2024 14:10	4.6	73	10	6.4	0.0	26.3	40
23/06/2024 14:20	5.6	62	8	7.9	0.0	26.2	40
23/06/2024 14:30	5.8	61	10	8.2	0.0	26.3	40
23/06/2024 14:40	5.8	64	11	8.1	0.0	26.3	41
23/06/2024 14:50	5.6	59	9	8.1	0.0	26.5	41
23/06/2024 15:00	5.5	64	10	7.3	0.0	26.4	42
23/06/2024 15:10	5.8	56	7	8.0	0.0	26.2	44
23/06/2024 15:20	5.7	56	7	7.8	0.0	26.1	46
23/06/2024 15:30	5.7	59	8	7.4	0.0	26.1	46
23/06/2024 15:40	5.9	55	7	8.7	0.0	25.9	48
23/06/2024 15:50	5.8	61	7	8.1	0.0	25.8	49
23/06/2024 16:00	5.8	62	8	7.6	0.0	25.7	50
23/06/2024 16:10	5.5	57	7	6.8	0.0	25.8	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/06/2024 16:20	5.6	56	6	7.4	0.0	25.7	50
23/06/2024 16:30	5.1	57	7	6.7	0.0	25.6	51
23/06/2024 16:40	4.8	59	7	6.3	0.0	25.5	53
23/06/2024 16:50	4.4	58	8	5.7	0.0	25.3	54
23/06/2024 17:00	4.1	60	7	5.4	0.0	25.0	57
23/06/2024 17:10	3.7	63	7	4.9	0.0	24.6	61
23/06/2024 17:20	3.2	60	7	4.5	0.0	24.3	64
23/06/2024 17:30	2.5	45	9	3.9	0.0	24.1	62
23/06/2024 17:40	3.1	31	8	4.3	0.0	24.8	52
23/06/2024 17:50	3.0	34	9	4.3	0.0	24.9	53
23/06/2024 18:00	2.4	185	13	3.6	0.0	24.6	57
23/06/2024 18:10	2.8	178	9	4.0	0.0	24.2	62
23/06/2024 18:20	3.2	359	9	4.2	0.0	24.0	63
23/06/2024 18:30	3.3	351	9	4.7	0.0	24.0	62
23/06/2024 18:40	2.5	350	10	3.5	0.0	23.9	65
23/06/2024 18:50	2.6	357	8	3.2	0.0	23.6	67
23/06/2024 19:00	2.1	342	9	2.9	0.0	23.6	69
23/06/2024 19:10	1.7	341	9	2.5	0.0	23.6	69
23/06/2024 19:20	2.9	351	13	4.2	0.0	23.6	68
23/06/2024 19:30	1.9	28	17	2.6	0.0	23.4	70
23/06/2024 19:40	1.3	68	13	2.1	0.0	22.9	72
23/06/2024 19:50	1.3	73	18	1.7	0.0	22.7	73
23/06/2024 20:00	1.3	79	14	1.6	0.0	22.6	73
23/06/2024 20:10	1.4	81	12	1.8	0.0	22.7	73
23/06/2024 20:20	1.3	70	20	1.7	0.0	22.4	75
23/06/2024 20:30	1.3	62	18	1.6	0.0	22.4	75
23/06/2024 20:40	1.0	87	13	1.4	0.0	22.5	75
23/06/2024 20:50	0.8	216	19	1.1	0.0	22.3	76
23/06/2024 21:00	0.5	250	33	1.0	0.0	22.1	76
23/06/2024 21:10	0.3	253	57	0.7	0.0	22.0	76
23/06/2024 21:20	0.4	223	41	0.7	0.0	21.9	78
23/06/2024 21:30	0.4	144	41	0.8	0.0	21.5	79
23/06/2024 21:40	0.3	134	68	0.5	0.0	21.6	80
23/06/2024 21:50	0.3	149	31	0.5	0.0	21.4	80
23/06/2024 22:00	0.3	134	47	0.5	0.0	21.3	81
23/06/2024 22:10	0.6	178	73	1.2	0.0	21.5	81
23/06/2024 22:20	0.5	297	16	0.8	0.0	21.9	81
23/06/2024 22:30	0.3	300	65	0.7	0.0	22.3	79
23/06/2024 22:40	0.7	43	18	1.0	0.0	21.3	82
23/06/2024 22:50	0.4	181	39	0.8	0.0	21.1	84
23/06/2024 23:00	1.3	291	7	1.7	0.0	21.5	84
23/06/2024 23:10	1.7	276	5	1.9	0.0	21.7	83
23/06/2024 23:20	1.6	256	22	2.0	0.0	21.4	83
23/06/2024 23:30	0.4	146	67	0.7	0.0	21.1	84
23/06/2024 23:40	0.7	250	11	1.1	0.0	21.2	84
23/06/2024 23:50	1.2	255	14	1.8	0.0	21.0	83
24/06/2024 00:00	0.9	280	13	1.5	0.0	21.0	81
24/06/2024 00:10	1.6	271	12	2.3	0.0	20.9	80



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/06/2024 00:20	1.2	228	21	2.3	0.0	21.1	79
24/06/2024 00:30	1.2	241	20	2.5	0.0	21.5	77
24/06/2024 00:40	1.1	231	17	2.0	0.0	21.6	77
24/06/2024 00:50	1.2	232	17	2.1	0.0	21.3	78
24/06/2024 01:00	0.8	258	30	1.5	0.0	21.3	78
24/06/2024 01:10	0.9	284	19	1.4	0.0	21.1	79
24/06/2024 01:20	0.6	265	22	1.0	0.0	21.3	79
24/06/2024 01:30	0.6	273	30	1.0	0.0	21.3	79
24/06/2024 01:40	0.5	293	20	0.8	0.0	20.6	81
24/06/2024 01:50	0.6	310	39	1.0	0.0	20.5	83
24/06/2024 02:00	0.5	312	45	0.9	0.0	20.5	82
24/06/2024 02:10	0.7	143	47	1.2	0.0	20.6	82
24/06/2024 02:20	1.2	53	11	1.6	0.0	20.1	85
24/06/2024 02:30	1.2	67	14	1.9	0.0	20.3	84
24/06/2024 02:40	1.0	106	25	2.2	0.0	20.1	82
24/06/2024 02:50	1.3	41	20	2.3	0.0	19.9	81
24/06/2024 03:00	2.4	107	21	4.0	0.0	20.5	75
24/06/2024 03:10	2.3	62	19	3.6	0.0	20.2	75
24/06/2024 03:20	1.4	110	50	3.3	0.0	20.2	76
24/06/2024 03:30	1.9	103	26	3.4	0.0	20.3	77
24/06/2024 03:40	3.0	113	13	4.3	0.0	20.2	78
24/06/2024 03:50	2.6	115	16	3.7	0.0	20.4	78
24/06/2024 04:00	2.2	107	15	3.3	0.0	20.4	76
24/06/2024 04:10	2.1	100	18	3.4	0.0	20.2	74
24/06/2024 04:20	1.9	109	16	3.1	0.0	20.1	73
24/06/2024 04:30	1.4	90	22	2.6	0.0	20.2	72
24/06/2024 04:40	2.8	107	15	4.3	0.0	19.9	73
24/06/2024 04:50	2.3	104	16	3.9	0.0	19.9	71
24/06/2024 05:00	2.4	102	21	3.9	0.0	19.7	71
24/06/2024 05:10	2.2	97	19	4.1	0.0	19.6	72
24/06/2024 05:20	2.5	108	17	4.3	0.0	19.7	70
24/06/2024 05:30	2.6	106	16	4.0	0.0	19.8	68
24/06/2024 05:40	3.4	109	13	5.4	0.0	20.2	65
24/06/2024 05:50	2.1	111	18	3.7	0.0	20.5	66
24/06/2024 06:00	1.9	120	12	2.8	0.0	20.3	67
24/06/2024 06:10	2.4	108	11	3.7	0.0	20.3	68
24/06/2024 06:20	2.7	104	15	4.1	0.0	20.2	70
24/06/2024 06:30	2.5	103	17	4.7	0.0	20.4	66
24/06/2024 06:40	3.9	110	12	5.9	0.0	21.0	61
24/06/2024 06:50	4.7	112	11	6.6	0.0	21.2	60
24/06/2024 07:00	4.9	112	11	7.1	0.0	21.5	58
24/06/2024 07:10	5.2	110	9	7.1	0.0	21.7	56
24/06/2024 07:20	4.5	108	12	6.6	0.0	21.7	57
24/06/2024 07:30	4.5	110	12	6.8	0.0	21.9	56
24/06/2024 07:40	4.5	109	11	6.6	0.0	22.1	54
24/06/2024 07:50	4.0	108	11	5.7	0.0	22.1	55
24/06/2024 08:00	3.9	109	11	6.7	0.0	22.2	55
24/06/2024 08:10	3.7	110	12	5.9	0.0	22.4	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/06/2024 08:20	4.2	109	11	7.0	0.0	22.5	53
24/06/2024 08:30	5.1	110	10	6.8	0.0	22.6	51
24/06/2024 08:40	4.7	111	10	6.7	0.0	22.8	51
24/06/2024 08:50	4.7	112	10	6.8	0.0	22.8	51
24/06/2024 09:00	5.0	112	11	7.1	0.0	22.7	50
24/06/2024 09:10	5.0	112	10	7.1	0.0	22.7	49
24/06/2024 09:20	5.0	113	10	7.1	0.0	22.9	49
24/06/2024 09:30	5.3	113	9	7.3	0.0	22.9	52
24/06/2024 09:40	5.9	110	11	8.7	0.0	23.6	47
24/06/2024 09:50	5.4	105	10	8.2	0.0	24.2	44
24/06/2024 10:00	5.8	111	11	8.4	0.0	24.2	44
24/06/2024 10:10	5.5	109	11	8.0	0.0	24.3	43
24/06/2024 10:20	5.1	107	14	7.6	0.0	24.7	42
24/06/2024 10:30	5.6	92	10	7.8	0.0	24.8	41
24/06/2024 10:40	5.8	89	7	8.4	0.0	24.8	41
24/06/2024 10:50	6.2	88	9	8.5	0.0	24.8	40
24/06/2024 11:00	6.4	87	9	8.5	0.0	24.9	38
24/06/2024 11:10	5.8	86	9	8.4	0.0	25.2	38
24/06/2024 11:20	6.1	86	10	9.0	0.0	25.0	40
24/06/2024 11:30	6.6	83	8	9.4	0.0	24.9	39
24/06/2024 11:40	7.1	86	8	9.4	0.0	24.7	40
24/06/2024 11:50	6.8	75	8	9.1	0.0	24.7	39
24/06/2024 12:00	7.5	77	9	9.9	0.0	24.7	39
24/06/2024 12:10	6.2	82	10	9.0	0.0	24.8	41
24/06/2024 12:20	6.2	78	11	8.3	0.0	24.9	40
24/06/2024 12:30	5.9	69	12	9.6	0.0	25.1	41
24/06/2024 12:40	6.6	79	11	8.9	0.0	24.8	42
24/06/2024 12:50	6.6	83	8	9.3	0.0	24.8	42
24/06/2024 13:00	6.5	85	10	8.9	0.0	24.7	43
24/06/2024 13:10	6.7	81	7	8.5	0.0	24.5	43
24/06/2024 13:20	7.0	88	7	8.8	0.0	24.6	43
24/06/2024 13:30	7.1	78	7	9.1	0.0	24.6	42
24/06/2024 13:40	6.8	79	7	8.9	0.0	24.6	43
24/06/2024 13:50	6.9	81	7	9.0	0.0	24.4	43
24/06/2024 14:00	6.2	87	8	8.1	0.0	24.6	44
24/06/2024 14:10	6.3	85	8	8.7	0.0	24.7	43
24/06/2024 14:20	6.5	89	7	8.5	0.0	24.7	43
24/06/2024 14:30	6.3	87	7	8.5	0.0	24.6	44
24/06/2024 14:40	6.1	89	6	8.3	0.0	24.7	45
24/06/2024 14:50	5.8	80	9	7.5	0.0	25.1	44
24/06/2024 15:00	6.1	77	7	8.4	0.0	25.1	42
24/06/2024 15:10	5.1	80	9	7.4	0.0	25.4	44
24/06/2024 15:20	5.3	78	9	7.6	0.0	25.3	44
24/06/2024 15:30	5.3	71	9	7.3	0.0	25.2	44
24/06/2024 15:40	5.1	80	7	6.6	0.0	25.2	45
24/06/2024 15:50	5.2	88	8	7.7	0.0	25.0	48
24/06/2024 16:00	5.1	85	8	6.5	0.0	25.0	49
24/06/2024 16:10	4.7	73	10	6.8	0.0	25.3	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/06/2024 16:20	5.1	63	7	6.9	0.0	24.8	50
24/06/2024 16:30	4.7	69	7	6.5	0.0	24.8	51
24/06/2024 16:40	6.2	69	7	8.3	0.0	24.6	49
24/06/2024 16:50	6.5	67	6	8.8	0.0	24.7	47
24/06/2024 17:00	5.7	67	8	7.3	0.0	24.5	49
24/06/2024 17:10	5.1	62	6	7.0	0.0	24.2	52
24/06/2024 17:20	4.7	62	8	6.8	0.0	23.9	52
24/06/2024 17:30	4.3	59	6	5.9	0.0	23.6	55
24/06/2024 17:40	4.1	56	5	5.5	0.0	23.3	58
24/06/2024 17:50	3.8	57	6	5.2	0.0	23.3	58
24/06/2024 18:00	2.9	49	5	4.0	0.0	23.0	59
24/06/2024 18:10	3.6	45	7	4.9	0.0	22.8	59
24/06/2024 18:20	3.4	48	6	4.6	0.0	22.9	56
24/06/2024 18:30	2.8	56	6	3.5	0.0	22.7	56
24/06/2024 18:40	2.9	45	4	3.6	0.0	22.2	57
24/06/2024 18:50	2.8	42	5	3.7	0.0	22.5	53
24/06/2024 19:00	2.5	48	5	3.5	0.0	22.2	56
24/06/2024 19:10	3.4	44	5	5.0	0.0	22.2	55
24/06/2024 19:20	3.1	48	3	3.7	0.0	22.4	54
24/06/2024 19:30	3.0	47	4	3.6	0.0	22.1	55
24/06/2024 19:40	2.9	38	6	3.7	0.0	22.4	55
24/06/2024 19:50	3.3	31	9	5.3	0.0	22.7	55
24/06/2024 20:00	3.8	25	7	5.3	0.0	23.0	54
24/06/2024 20:10	4.1	15	8	5.3	0.0	23.1	55
24/06/2024 20:20	5.0	9	6	6.5	0.0	23.2	53
24/06/2024 20:30	5.2	8	6	6.9	0.0	23.3	54
24/06/2024 20:40	4.8	9	5	6.1	0.0	23.2	55
24/06/2024 20:50	4.9	7	5	6.2	0.0	23.1	57
24/06/2024 21:00	4.4	10	5	5.4	0.0	23.0	60
24/06/2024 21:10	3.3	17	7	4.5	0.0	22.8	62
24/06/2024 21:20	1.9	25	12	3.1	0.0	22.5	62
24/06/2024 21:30	1.8	183	13	2.8	0.0	22.4	63
24/06/2024 21:40	2.2	350	10	3.7	0.0	22.4	62
24/06/2024 21:50	2.0	345	7	2.9	0.0	22.3	62
24/06/2024 22:00	1.5	33	21	2.1	0.0	22.3	63
24/06/2024 22:10	1.0	39	21	1.6	0.0	22.4	62
24/06/2024 22:20	0.6	53	48	1.2	0.0	22.1	63
24/06/2024 22:30	1.2	82	23	1.7	0.0	21.8	64
24/06/2024 22:40	1.4	34	16	1.9	0.0	21.7	65
24/06/2024 22:50	1.3	55	13	1.7	0.0	21.6	65
24/06/2024 23:00	0.9	25	13	1.1	0.0	21.7	65
24/06/2024 23:10	0.5	166	16	0.9	0.0	21.9	64
24/06/2024 23:20	0.5	66	28	0.8	0.0	21.1	68
24/06/2024 23:30	0.9	93	20	1.3	0.0	20.9	68
24/06/2024 23:40	0.6	69	39	1.1	0.0	21.2	67
24/06/2024 23:50	0.4	312	47	0.7	0.0	21.8	66
25/06/2024 00:00	0.3	132	70	0.9	0.0	21.6	67
25/06/2024 00:10	0.8	336	14	1.3	0.0	21.9	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/06/2024 00:20	0.9	309	17	1.3	0.0	20.9	70
25/06/2024 00:30	0.5	278	28	0.9	0.0	20.8	71
25/06/2024 00:40	1.0	308	14	1.4	0.0	21.9	69
25/06/2024 00:50	0.9	345	24	1.3	0.0	22.3	68
25/06/2024 01:00	0.5	32	30	0.8	0.0	21.8	70
25/06/2024 01:10	1.0	89	51	1.6	0.0	21.5	70
25/06/2024 01:20	0.8	116	29	1.3	0.0	20.4	74
25/06/2024 01:30	0.8	68	34	1.5	0.0	20.1	75
25/06/2024 01:40	0.8	14	17	1.2	0.0	20.7	74
25/06/2024 01:50	0.7	31	11	1.0	0.0	21.0	73
25/06/2024 02:00	0.7	43	10	0.9	0.0	21.1	75
25/06/2024 02:10	0.6	122	48	1.2	0.0	20.8	76
25/06/2024 02:20	0.9	297	19	1.2	0.0	19.7	79
25/06/2024 02:30	1.7	267	13	2.7	0.0	19.6	80
25/06/2024 02:40	2.2	273	6	2.6	0.0	19.4	82
25/06/2024 02:50	1.6	259	14	2.1	0.0	19.5	81
25/06/2024 03:00	0.9	183	53	1.7	0.0	19.2	82
25/06/2024 03:10	0.8	63	61	1.5	0.0	19.0	83
25/06/2024 03:20	0.8	34	44	1.4	0.0	19.2	82
25/06/2024 03:30	0.9	55	18	1.5	0.0	19.2	81
25/06/2024 03:40	1.3	50	14	1.7	0.0	19.5	80
25/06/2024 03:50	1.4	54	12	1.9	0.0	19.3	79
25/06/2024 04:00	1.7	56	15	2.5	0.0	18.7	81
25/06/2024 04:10	1.8	83	18	2.5	0.0	18.8	80
25/06/2024 04:20	1.8	60	23	2.8	0.0	18.9	80
25/06/2024 04:30	1.3	50	17	2.0	0.0	18.9	79
25/06/2024 04:40	1.1	53	32	2.2	0.0	18.6	81
25/06/2024 04:50	1.3	25	28	2.0	0.0	18.4	83
25/06/2024 05:00	1.0	42	24	1.7	0.0	18.6	83
25/06/2024 05:10	0.3	132	79	0.7	0.0	18.4	83
25/06/2024 05:20	0.6	96	50	1.3	0.0	18.4	84
25/06/2024 05:30	1.2	78	22	2.1	0.0	18.5	83
25/06/2024 05:40	1.7	106	16	2.8	0.0	19.0	83
25/06/2024 05:50	2.1	123	14	3.0	0.0	19.4	79
25/06/2024 06:00	2.1	123	12	3.1	0.0	19.5	78
25/06/2024 06:10	1.7	108	17	2.6	0.0	19.3	79
25/06/2024 06:20	1.7	102	17	2.6	0.0	19.2	79
25/06/2024 06:30	1.7	101	14	2.7	0.0	18.9	80
25/06/2024 06:40	1.8	110	17	2.9	0.0	19.1	79
25/06/2024 06:50	1.9	113	17	2.8	0.0	19.1	78
25/06/2024 07:00	1.7	70	17	2.4	0.0	19.0	78
25/06/2024 07:10	2.4	57	6	2.9	0.0	18.8	80
25/06/2024 07:20	2.6	57	6	3.2	0.0	19.2	78
25/06/2024 07:30	2.4	65	6	3.2	0.0	19.5	76
25/06/2024 07:40	1.8	73	7	2.5	0.0	19.7	76
25/06/2024 07:50	2.5	104	14	4.0	0.0	19.8	75
25/06/2024 08:00	3.4	111	10	5.0	0.0	20.1	71
25/06/2024 08:10	3.8	110	10	5.5	0.0	20.4	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/06/2024 08:20	4.5	111	9	6.4	0.0	20.7	55
25/06/2024 08:30	4.0	110	10	5.5	0.0	20.8	55
25/06/2024 08:40	4.1	110	10	5.6	0.0	21.1	53
25/06/2024 08:50	4.4	110	9	5.8	0.2	21.2	51
25/06/2024 09:00	4.0	110	10	5.9	0.0	21.4	51
25/06/2024 09:10	3.9	108	10	5.4	0.0	21.4	51
25/06/2024 09:20	3.9	104	10	6.0	0.0	21.7	51
25/06/2024 09:30	4.7	94	9	6.4	0.0	21.9	52
25/06/2024 09:40	4.9	94	10	6.4	0.0	22.0	54
25/06/2024 09:50	4.6	97	13	6.2	0.0	22.4	55
25/06/2024 10:00	5.0	95	11	7.4	0.0	22.0	58
25/06/2024 10:10	5.0	95	9	7.0	0.0	22.1	60
25/06/2024 10:20	5.0	99	11	7.5	0.0	22.4	59
25/06/2024 10:30	5.4	92	9	7.7	0.0	22.9	58
25/06/2024 10:40	6.4	92	8	8.9	0.0	23.2	54
25/06/2024 10:50	6.9	85	8	8.8	0.0	23.3	51
25/06/2024 11:00	6.0	92	9	8.6	0.0	23.2	53
25/06/2024 11:10	6.4	90	8	8.9	0.0	22.9	54
25/06/2024 11:20	6.4	87	7	8.6	0.0	23.0	56
25/06/2024 11:30	6.4	78	9	8.9	0.0	23.4	52
25/06/2024 11:40	6.4	76	10	8.7	0.0	23.7	52
25/06/2024 11:50	7.0	76	9	9.3	0.0	23.3	54
25/06/2024 12:00	6.6	77	8	8.8	0.0	23.4	54
25/06/2024 12:10	7.3	73	6	9.2	0.0	23.3	56
25/06/2024 12:20	6.7	78	7	9.1	0.0	23.3	57
25/06/2024 12:30	6.8	84	7	8.8	0.0	23.4	58
25/06/2024 12:40	6.5	84	9	8.7	0.0	23.8	58
25/06/2024 12:50	6.2	73	10	8.8	0.0	23.9	59
25/06/2024 13:00	5.6	72	11	7.7	0.0	24.1	60
25/06/2024 13:10	6.0	63	11	7.9	0.0	24.0	61
25/06/2024 13:20	6.7	66	8	8.7	0.0	23.8	62
25/06/2024 13:30	6.5	63	7	8.5	0.0	24.0	62
25/06/2024 13:40	6.7	64	7	8.5	0.0	24.0	62
25/06/2024 13:50	5.9	68	8	7.9	0.0	24.0	62
25/06/2024 14:00	6.8	70	7	8.8	0.0	23.7	62
25/06/2024 14:10	5.7	63	10	7.2	0.0	23.7	60
25/06/2024 14:20	6.0	65	9	7.7	0.0	23.6	61
25/06/2024 14:30	5.4	61	9	7.4	0.0	23.8	60
25/06/2024 14:40	5.7	71	8	7.2	0.0	23.8	60
25/06/2024 14:50	5.4	60	9	7.7	0.0	23.8	61
25/06/2024 15:00	6.0	72	7	8.1	0.0	23.9	61
25/06/2024 15:10	6.2	68	8	8.1	0.0	24.3	60
25/06/2024 15:20	5.9	63	9	8.4	0.0	24.6	59
25/06/2024 15:30	5.8	64	8	8.0	0.0	24.4	60
25/06/2024 15:40	6.0	63	10	8.0	0.0	24.5	60
25/06/2024 15:50	6.1	73	8	8.3	0.0	24.4	61
25/06/2024 16:00	5.9	76	8	7.9	0.0	24.4	61
25/06/2024 16:10	6.0	71	7	7.5	0.0	24.4	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/06/2024 16:20	5.5	67	9	7.5	0.0	24.3	64
25/06/2024 16:30	4.8	64	9	7.0	0.0	24.2	64
25/06/2024 16:40	5.6	67	7	7.6	0.0	24.1	65
25/06/2024 16:50	5.3	71	7	7.3	0.0	23.9	67
25/06/2024 17:00	5.0	64	9	7.2	0.0	23.9	67
25/06/2024 17:10	5.6	68	9	8.1	0.0	23.7	69
25/06/2024 17:20	4.7	60	8	5.9	0.0	23.4	70
25/06/2024 17:30	4.6	57	9	6.5	0.0	23.2	71
25/06/2024 17:40	4.5	58	7	6.4	0.0	23.3	69
25/06/2024 17:50	4.2	57	7	5.7	0.0	22.8	75
25/06/2024 18:00	3.6	58	7	5.0	0.0	22.8	75
25/06/2024 18:10	4.1	62	6	5.6	0.0	22.7	76
25/06/2024 18:20	3.8	51	8	5.9	0.0	22.7	74
25/06/2024 18:30	5.0	49	8	6.8	0.0	23.0	72
25/06/2024 18:40	4.7	46	8	6.3	0.0	23.0	72
25/06/2024 18:50	4.4	46	7	6.3	0.0	23.0	72
25/06/2024 19:00	3.9	43	7	5.6	0.0	22.9	73
25/06/2024 19:10	4.3	45	8	5.9	0.0	22.9	73
25/06/2024 19:20	3.4	45	8	4.9	0.0	22.8	73
25/06/2024 19:30	3.7	48	7	5.2	0.0	22.7	73
25/06/2024 19:40	3.5	49	6	4.8	0.0	22.7	74
25/06/2024 19:50	3.1	44	7	4.4	0.0	22.5	74
25/06/2024 20:00	3.0	44	7	4.3	0.0	22.7	73
25/06/2024 20:10	2.7	49	5	3.3	0.0	22.5	73
25/06/2024 20:20	2.1	56	5	2.8	0.0	22.2	73
25/06/2024 20:30	2.0	50	5	2.6	0.0	21.8	75
25/06/2024 20:40	1.8	51	6	2.4	0.0	21.7	75
25/06/2024 20:50	1.5	44	4	1.9	0.0	21.6	75
25/06/2024 21:00	1.2	51	6	1.6	0.0	21.4	75
25/06/2024 21:10	0.6	36	15	1.0	0.0	21.3	74
25/06/2024 21:20	0.9	35	14	1.5	0.0	21.4	73
25/06/2024 21:30	1.9	50	3	2.4	0.0	21.3	72
25/06/2024 21:40	2.2	51	2	2.6	0.0	21.3	71
25/06/2024 21:50	2.4	50	3	2.7	0.0	21.1	71
25/06/2024 22:00	2.6	50	3	2.8	0.0	21.1	70
25/06/2024 22:10	2.6	42	4	3.3	0.0	21.3	67
25/06/2024 22:20	2.8	43	4	3.4	0.0	21.9	64
25/06/2024 22:30	2.6	42	4	3.5	0.0	22.0	63
25/06/2024 22:40	2.5	50	4	3.0	0.0	21.6	65
25/06/2024 22:50	2.1	44	4	3.0	0.0	21.2	66
25/06/2024 23:00	2.6	40	5	3.3	0.0	21.8	64
25/06/2024 23:10	2.5	41	5	3.2	0.0	22.1	63
25/06/2024 23:20	2.7	42	4	3.4	0.0	22.1	64
25/06/2024 23:30	2.7	47	4	3.3	0.0	21.9	65
25/06/2024 23:40	1.7	33	8	2.6	0.0	21.6	66
25/06/2024 23:50	2.0	35	7	3.0	0.0	22.0	65
26/06/2024 00:00	2.6	46	6	3.2	0.0	22.2	65
26/06/2024 00:10	2.3	46	6	3.1	0.0	22.2	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/06/2024 00:20	2.2	51	4	2.8	0.0	22.4	64
26/06/2024 00:30	2.3	48	5	3.0	0.0	22.4	65
26/06/2024 00:40	2.5	48	5	3.5	0.0	22.6	64
26/06/2024 00:50	2.3	49	5	3.2	0.0	22.7	63
26/06/2024 01:00	2.1	51	5	2.7	0.0	22.6	63
26/06/2024 01:10	2.3	48	4	2.9	0.0	22.6	63
26/06/2024 01:20	2.4	48	3	3.0	0.0	22.4	63
26/06/2024 01:30	2.3	42	5	3.0	0.0	22.3	64
26/06/2024 01:40	1.4	191	23	2.1	0.0	22.2	64
26/06/2024 01:50	0.7	178	54	1.2	0.0	22.7	62
26/06/2024 02:00	0.3	330	62	0.6	0.0	22.7	62
26/06/2024 02:10	0.5	168	21	0.9	0.0	22.6	62
26/06/2024 02:20	0.6	186	21	1.2	0.0	22.4	63
26/06/2024 02:30	0.8	175	18	1.2	0.0	22.2	64
26/06/2024 02:40	1.5	37	9	2.1	0.0	22.3	63
26/06/2024 02:50	1.9	48	3	2.4	0.0	22.2	65
26/06/2024 03:00	1.6	203	20	2.3	0.0	22.2	65
26/06/2024 03:10	1.2	199	26	2.2	0.0	22.6	64
26/06/2024 03:20	2.4	52	6	3.5	0.0	22.6	63
26/06/2024 03:30	1.8	34	21	2.8	0.0	22.9	62
26/06/2024 03:40	0.9	327	25	1.5	0.0	22.9	62
26/06/2024 03:50	0.9	172	32	1.6	0.0	23.1	61
26/06/2024 04:00	1.7	33	11	2.5	0.0	22.9	62
26/06/2024 04:10	2.8	41	7	3.8	0.0	23.1	62
26/06/2024 04:20	2.8	44	8	4.3	0.0	23.3	61
26/06/2024 04:30	2.8	43	8	4.2	0.0	23.2	62
26/06/2024 04:40	2.2	39	10	3.5	0.0	23.3	61
26/06/2024 04:50	1.4	333	25	2.5	0.0	23.3	62
26/06/2024 05:00	1.2	12	19	2.1	0.0	23.3	61
26/06/2024 05:10	2.6	40	9	3.8	0.0	23.0	63
26/06/2024 05:20	2.8	46	7	4.2	0.0	23.1	63
26/06/2024 05:30	2.1	32	10	3.3	0.0	23.1	63
26/06/2024 05:40	1.2	339	19	1.9	0.0	23.2	63
26/06/2024 05:50	1.4	355	14	1.9	0.0	23.4	62
26/06/2024 06:00	1.1	352	16	2.0	0.0	23.4	62
26/06/2024 06:10	1.9	27	16	2.6	0.0	23.5	62
26/06/2024 06:20	1.1	21	19	1.9	0.0	23.4	62
26/06/2024 06:30	1.6	29	16	2.6	0.0	23.1	64
26/06/2024 06:40	2.4	51	9	3.5	0.0	23.2	63
26/06/2024 06:50	1.2	331	37	2.1	0.0	23.2	64
26/06/2024 07:00	1.3	32	27	2.6	0.0	23.3	63
26/06/2024 07:10	1.7	37	15	2.8	0.0	23.3	64
26/06/2024 07:20	1.4	21	18	2.6	0.0	23.4	64
26/06/2024 07:30	2.6	39	8	4.1	0.0	23.6	63
26/06/2024 07:40	3.3	41	7	4.9	0.0	23.9	62
26/06/2024 07:50	3.3	43	8	5.0	0.0	24.1	61
26/06/2024 08:00	3.3	41	8	4.7	0.0	24.2	60
26/06/2024 08:10	3.7	38	10	5.2	0.0	24.5	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/06/2024 08:20	3.9	34	9	5.4	0.0	24.4	60
26/06/2024 08:30	3.8	19	13	6.0	0.0	24.3	62
26/06/2024 08:40	2.3	331	8	3.4	0.0	23.3	69
26/06/2024 08:50	2.7	23	15	4.8	0.0	23.5	68
26/06/2024 09:00	4.0	33	8	5.8	0.0	24.3	62
26/06/2024 09:10	4.1	31	10	6.6	0.0	24.8	59
26/06/2024 09:20	5.3	29	10	7.9	0.0	25.1	57
26/06/2024 09:30	5.2	27	10	7.8	0.0	25.4	56
26/06/2024 09:40	6.2	18	7	8.6	0.0	25.3	56
26/06/2024 09:50	6.1	21	12	8.7	0.0	25.4	55
26/06/2024 10:00	5.5	20	12	8.5	0.0	25.8	53
26/06/2024 10:10	6.4	20	9	9.0	0.0	25.9	52
26/06/2024 10:20	6.0	17	9	7.9	0.0	26.1	52
26/06/2024 10:30	5.8	17	11	8.7	0.0	26.2	52
26/06/2024 10:40	5.9	11	12	8.5	0.1	26.1	51
26/06/2024 10:50	6.0	9	12	8.2	0.0	26.2	51
26/06/2024 11:00	6.3	17	9	8.8	0.0	26.5	51
26/06/2024 11:10	6.5	16	9	8.7	0.0	26.4	50
26/06/2024 11:20	6.5	17	10	8.5	0.0	26.5	51
26/06/2024 11:30	6.5	22	11	9.1	0.0	26.8	50
26/06/2024 11:40	6.8	16	9	9.6	0.0	27.1	47
26/06/2024 11:50	6.3	16	12	8.5	0.0	26.8	46
26/06/2024 12:00	6.5	16	9	8.9	0.0	26.6	46
26/06/2024 12:10	6.3	15	10	8.8	0.0	26.6	47
26/06/2024 12:20	7.1	16	8	9.4	0.0	26.5	46
26/06/2024 12:30	6.4	11	11	8.8	0.0	26.5	48
26/06/2024 12:40	6.4	17	11	8.9	0.0	26.5	47
26/06/2024 12:50	6.0	14	12	9.3	0.0	26.7	47
26/06/2024 13:00	5.8	10	11	8.4	0.0	26.9	46
26/06/2024 13:10	6.8	12	13	9.5	0.0	26.9	45
26/06/2024 13:20	6.6	7	11	8.9	0.0	26.9	45
26/06/2024 13:30	5.9	10	13	9.8	0.0	26.8	46
26/06/2024 13:40	6.4	13	13	8.7	0.0	26.6	46
26/06/2024 13:50	6.6	12	11	9.8	0.0	26.9	43
26/06/2024 14:00	6.6	12	9	10.1	0.0	26.6	45
26/06/2024 14:10	6.3	10	12	9.3	0.0	26.6	45
26/06/2024 14:20	6.5	12	12	9.9	0.0	26.8	44
26/06/2024 14:30	6.5	13	9	9.2	0.0	26.5	45
26/06/2024 14:40	6.3	5	12	9.1	0.0	26.5	45
26/06/2024 14:50	6.0	9	13	8.7	0.0	26.7	44
26/06/2024 15:00	7.0	9	10	9.4	0.0	26.6	45
26/06/2024 15:10	7.0	12	10	9.3	0.0	26.3	45
26/06/2024 15:20	6.6	17	10	9.1	0.0	26.2	45
26/06/2024 15:30	6.4	12	10	9.1	0.0	26.1	46
26/06/2024 15:40	6.4	16	11	9.2	0.0	26.2	46
26/06/2024 15:50	6.0	13	9	8.1	0.0	26.3	45
26/06/2024 16:00	5.9	11	11	8.6	0.0	26.3	46
26/06/2024 16:10	6.2	13	9	8.5	0.0	26.2	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/06/2024 16:20	5.8	28	12	8.5	0.0	26.3	45
26/06/2024 16:30	6.3	15	9	9.4	0.0	26.0	47
26/06/2024 16:40	5.8	25	11	8.8	0.0	26.0	47
26/06/2024 16:50	5.8	16	10	8.3	0.0	25.7	48
26/06/2024 17:00	5.7	23	12	8.4	0.0	25.7	47
26/06/2024 17:10	5.7	23	9	8.3	0.0	25.5	48
26/06/2024 17:20	5.2	28	10	8.1	0.0	25.5	50
26/06/2024 17:30	4.9	31	10	6.9	0.0	25.3	50
26/06/2024 17:40	4.9	26	9	6.9	0.0	25.2	51
26/06/2024 17:50	4.2	27	12	6.2	0.0	25.1	52
26/06/2024 18:00	4.6	32	9	6.9	0.0	25.0	52
26/06/2024 18:10	4.3	31	9	6.9	0.0	25.0	52
26/06/2024 18:20	4.3	34	9	6.5	0.0	25.0	53
26/06/2024 18:30	4.1	38	9	6.1	0.0	24.9	55
26/06/2024 18:40	3.8	38	10	5.0	0.0	24.8	55
26/06/2024 18:50	4.0	40	9	5.4	0.0	24.8	55
26/06/2024 19:00	3.8	41	10	5.6	0.0	24.9	55
26/06/2024 19:10	3.5	38	9	5.6	0.0	24.9	55
26/06/2024 19:20	4.0	34	9	5.8	0.0	24.9	55
26/06/2024 19:30	3.1	39	9	4.7	0.0	24.8	55
26/06/2024 19:40	3.2	41	8	5.1	0.0	24.6	56
26/06/2024 19:50	3.4	39	10	5.8	0.0	24.7	57
26/06/2024 20:00	3.7	36	9	5.9	0.0	24.6	57
26/06/2024 20:10	3.4	41	8	5.1	0.0	24.6	57
26/06/2024 20:20	3.6	46	10	5.5	0.0	24.6	57
26/06/2024 20:30	3.7	44	8	5.1	0.0	24.7	57
26/06/2024 20:40	3.5	41	9	4.9	0.0	24.7	57
26/06/2024 20:50	3.4	43	8	4.9	0.0	24.7	57
26/06/2024 21:00	4.1	43	9	5.9	0.0	24.7	57
26/06/2024 21:10	3.8	37	9	5.6	0.0	24.7	57
26/06/2024 21:20	3.4	41	9	5.0	0.0	24.7	57
26/06/2024 21:30	3.5	41	8	5.0	0.0	24.6	58
26/06/2024 21:40	3.7	45	7	5.5	0.0	24.6	58
26/06/2024 21:50	3.0	41	10	4.5	0.0	24.6	58
26/06/2024 22:00	3.6	43	7	5.1	0.0	24.6	58
26/06/2024 22:10	3.3	39	10	5.1	0.0	24.7	59
26/06/2024 22:20	3.4	40	8	5.7	0.0	24.6	59
26/06/2024 22:30	3.2	39	9	4.8	0.0	24.6	59
26/06/2024 22:40	3.3	39	10	4.9	0.0	24.6	60
26/06/2024 22:50	3.3	40	8	4.7	0.0	24.6	60
26/06/2024 23:00	3.6	39	8	5.6	0.0	24.6	60
26/06/2024 23:10	3.6	40	10	5.6	0.0	24.6	61
26/06/2024 23:20	3.2	37	9	4.6	0.0	24.6	61
26/06/2024 23:30	3.6	37	9	5.3	0.0	24.6	61
26/06/2024 23:40	3.7	34	7	5.3	0.0	24.6	61
26/06/2024 23:50	3.8	35	9	5.6	0.0	24.6	62
27/06/2024 00:00	3.9	36	10	5.9	0.0	24.5	62
27/06/2024 00:10	4.0	42	8	5.8	0.0	24.5	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/06/2024 00:20	3.2	42	8	4.5	0.0	24.5	63
27/06/2024 00:30	3.5	36	8	5.4	0.0	24.5	63
27/06/2024 00:40	4.0	40	8	5.8	0.0	24.5	63
27/06/2024 00:50	3.5	39	10	5.1	0.0	24.5	63
27/06/2024 01:00	3.5	42	9	5.1	0.0	24.4	64
27/06/2024 01:10	3.9	38	10	5.5	0.0	24.5	64
27/06/2024 01:20	3.5	42	8	5.3	0.0	24.5	64
27/06/2024 01:30	3.6	39	10	5.1	0.0	24.5	64
27/06/2024 01:40	3.7	40	9	5.7	0.0	24.5	63
27/06/2024 01:50	3.4	39	10	4.8	0.0	24.5	63
27/06/2024 02:00	3.5	40	9	4.9	0.0	24.5	63
27/06/2024 02:10	3.2	31	9	4.8	0.0	24.5	64
27/06/2024 02:20	2.0	188	16	3.0	0.0	24.5	64
27/06/2024 02:30	2.0	348	14	2.9	0.0	24.5	65
27/06/2024 02:40	3.1	356	14	4.8	0.0	24.5	65
27/06/2024 02:50	3.3	353	11	5.1	0.0	24.6	65
27/06/2024 03:00	2.6	354	11	3.6	0.0	24.6	66
27/06/2024 03:10	1.0	20	39	2.3	0.0	24.5	67
27/06/2024 03:20	1.6	192	33	2.6	0.0	24.4	68
27/06/2024 03:30	1.3	46	14	2.2	0.0	24.4	67
27/06/2024 03:40	0.7	30	27	1.1	0.0	24.3	68
27/06/2024 03:50	1.4	23	29	3.0	0.0	24.4	68
27/06/2024 04:00	2.2	22	17	3.8	0.0	24.5	67
27/06/2024 04:10	2.1	61	18	3.5	0.0	23.4	73
27/06/2024 04:20	2.2	66	11	2.9	0.0	22.5	79
27/06/2024 04:30	1.2	41	22	2.3	0.0	22.2	81
27/06/2024 04:40	2.4	161	39	3.8	0.0	22.0	82
27/06/2024 04:50	2.1	198	16	3.9	0.0	21.8	84
27/06/2024 05:00	1.4	241	28	2.6	0.0	21.7	85
27/06/2024 05:10	3.2	230	20	4.9	0.0	21.7	85
27/06/2024 05:20	3.7	248	12	5.5	0.0	21.3	87
27/06/2024 05:30	3.7	239	11	4.8	0.0	21.2	89
27/06/2024 05:40	3.2	255	13	4.4	0.0	21.0	91
27/06/2024 05:50	4.2	242	9	5.6	0.1	20.9	92
27/06/2024 06:00	2.9	255	15	4.4	0.0	20.9	92
27/06/2024 06:10	1.6	265	26	3.2	0.1	20.9	92
27/06/2024 06:20	2.4	249	18	4.1	0.1	20.9	93
27/06/2024 06:30	2.3	257	15	3.8	0.2	20.9	93
27/06/2024 06:40	2.6	251	15	3.7	0.0	20.9	94
27/06/2024 06:50	2.7	265	7	3.4	0.1	21.0	94
27/06/2024 07:00	3.0	254	13	3.9	0.0	21.0	94
27/06/2024 07:10	2.5	266	7	3.3	0.1	21.1	94
27/06/2024 07:20	3.0	264	7	4.1	0.0	21.0	94
27/06/2024 07:30	4.3	271	9	6.3	0.9	21.0	95
27/06/2024 07:40	5.4	259	6	6.8	0.1	20.4	95
27/06/2024 07:50	3.9	269	5	5.4	0.0	20.7	93
27/06/2024 08:00	4.5	255	6	5.7	0.0	20.9	92
27/06/2024 08:10	4.9	256	7	6.0	0.1	21.1	93



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/06/2024 08:20	5.6	257	8	7.3	0.1	21.1	93
27/06/2024 08:30	6.9	264	7	9.7	0.1	20.8	93
27/06/2024 08:40	5.9	265	7	8.1	0.2	20.5	92
27/06/2024 08:50	7.7	263	7	10.9	0.8	20.6	95
27/06/2024 09:00	8.1	263	6	10.8	0.1	20.6	94
27/06/2024 09:10	7.6	268	5	9.8	0.9	20.6	93
27/06/2024 09:20	6.2	275	6	8.2	0.9	20.4	93
27/06/2024 09:30	6.0	274	6	7.9	0.6	20.3	94
27/06/2024 09:40	4.7	280	7	6.6	0.6	20.2	94
27/06/2024 09:50	3.8	286	8	5.3	0.4	20.3	95
27/06/2024 10:00	3.4	288	12	4.9	0.3	20.5	94
27/06/2024 10:10	4.2	291	12	6.3	0.1	20.4	93
27/06/2024 10:20	5.2	290	10	7.8	0.0	20.7	93
27/06/2024 10:30	5.5	313	11	9.1	0.0	21.0	91
27/06/2024 10:40	4.9	305	13	7.8	0.0	21.4	88
27/06/2024 10:50	4.0	313	16	6.8	0.0	21.9	82
27/06/2024 11:00	4.4	334	17	6.6	0.0	22.2	80
27/06/2024 11:10	4.7	353	9	6.7	0.0	22.4	79
27/06/2024 11:20	6.1	13	10	8.7	0.0	22.6	78
27/06/2024 11:30	5.5	184	10	8.1	0.0	22.3	82
27/06/2024 11:40	5.3	15	12	8.1	0.0	22.1	85
27/06/2024 11:50	4.6	20	12	6.5	0.0	22.0	85
27/06/2024 12:00	4.0	19	16	6.6	0.0	22.0	85
27/06/2024 12:10	3.5	16	14	6.6	0.0	22.8	82
27/06/2024 12:20	3.6	6	18	7.7	0.0	23.6	78
27/06/2024 12:30	5.0	11	13	7.9	0.0	23.4	77
27/06/2024 12:40	5.2	20	12	8.7	0.0	23.6	76
27/06/2024 12:50	5.2	12	10	7.4	0.0	23.4	78
27/06/2024 13:00	5.1	7	10	7.5	0.0	23.5	78
27/06/2024 13:10	5.6	12	9	7.6	0.0	24.1	73
27/06/2024 13:20	5.2	183	12	7.7	0.0	24.3	72
27/06/2024 13:30	5.6	353	11	7.9	0.0	25.0	68
27/06/2024 13:40	4.7	345	11	7.1	0.0	25.0	68
27/06/2024 13:50	5.3	173	12	7.3	0.0	25.2	68
27/06/2024 14:00	4.9	354	11	7.2	0.0	25.3	69
27/06/2024 14:10	4.7	176	14	6.9	0.0	25.0	72
27/06/2024 14:20	5.1	346	13	7.5	0.0	24.9	72
27/06/2024 14:30	4.9	178	9	6.4	0.0	24.6	73
27/06/2024 14:40	4.5	344	10	6.1	0.0	24.5	75
27/06/2024 14:50	4.6	354	11	6.9	0.0	24.6	74
27/06/2024 15:00	5.1	324	15	7.2	0.0	24.3	76
27/06/2024 15:10	4.3	282	11	6.1	0.0	23.5	79
27/06/2024 15:20	4.1	285	12	5.6	0.0	24.0	78
27/06/2024 15:30	3.9	292	11	6.1	0.0	24.2	76
27/06/2024 15:40	3.6	314	11	5.7	0.0	24.5	75
27/06/2024 15:50	3.2	308	10	5.0	0.0	24.4	76
27/06/2024 16:00	3.0	325	14	4.9	0.0	24.4	77
27/06/2024 16:10	3.2	319	12	4.8	0.0	24.7	77



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/06/2024 16:20	3.2	338	12	5.5	0.0	25.0	76
27/06/2024 16:30	4.1	346	12	6.5	0.0	24.9	77
27/06/2024 16:40	4.6	347	10	7.7	0.0	24.7	77
27/06/2024 16:50	5.2	350	9	7.1	0.0	24.9	77
27/06/2024 17:00	5.4	353	8	7.3	0.0	24.6	78
27/06/2024 17:10	4.7	349	11	6.7	0.0	24.6	77
27/06/2024 17:20	3.9	334	12	6.2	0.0	24.7	76
27/06/2024 17:30	4.4	274	12	6.7	0.0	23.6	80
27/06/2024 17:40	2.1	284	11	2.8	0.0	23.0	84
27/06/2024 17:50	2.7	265	13	3.7	0.0	23.3	84
27/06/2024 18:00	4.8	275	9	6.9	0.0	23.2	84
27/06/2024 18:10	4.5	263	10	6.3	0.0	22.5	87
27/06/2024 18:20	5.1	263	11	8.0	0.8	22.1	89
27/06/2024 18:30	6.5	267	10	10.3	1.1	21.3	92
27/06/2024 18:40	4.1	269	16	6.7	1.3	21.2	94
27/06/2024 18:50	4.3	265	6	5.6	0.1	21.5	92
27/06/2024 19:00	4.0	266	6	5.3	0.0	22.1	89
27/06/2024 19:10	4.7	273	9	6.8	0.0	22.2	89
27/06/2024 19:20	6.0	277	6	8.9	0.0	22.4	85
27/06/2024 19:30	5.5	277	7	7.2	0.0	22.2	83
27/06/2024 19:40	5.5	271	7	7.5	0.0	22.5	84
27/06/2024 19:50	3.8	266	8	5.1	0.0	22.2	87
27/06/2024 20:00	3.0	294	10	4.7	0.1	22.2	88
27/06/2024 20:10	3.8	294	9	5.5	0.0	22.4	87
27/06/2024 20:20	4.8	300	8	6.8	0.0	23.0	84
27/06/2024 20:30	4.8	292	5	6.4	0.0	23.3	83
27/06/2024 20:40	4.2	295	7	5.6	0.0	23.3	83
27/06/2024 20:50	3.8	289	7	5.0	0.0	23.2	84
27/06/2024 21:00	4.2	294	9	6.6	0.0	23.4	82
27/06/2024 21:10	3.1	281	9	4.6	0.0	23.3	84
27/06/2024 21:20	2.3	274	6	3.5	0.0	22.8	87
27/06/2024 21:30	2.3	277	7	3.3	0.0	22.5	89
27/06/2024 21:40	2.7	281	8	4.2	0.0	22.6	89
27/06/2024 21:50	2.3	275	7	3.3	0.0	22.7	89
27/06/2024 22:00	2.2	283	8	3.3	0.0	22.5	90
27/06/2024 22:10	3.0	281	8	4.0	0.0	22.6	89
27/06/2024 22:20	2.7	297	9	4.4	0.0	22.9	86
27/06/2024 22:30	4.5	283	9	7.5	0.0	23.1	86
27/06/2024 22:40	6.1	245	12	9.1	0.0	22.6	86
27/06/2024 22:50	4.7	244	13	6.9	0.0	21.9	88
27/06/2024 23:00	3.8	248	15	5.9	0.1	21.8	89
27/06/2024 23:10	4.0	261	10	5.3	0.0	21.6	89
27/06/2024 23:20	5.6	266	5	6.6	0.3	21.3	91
27/06/2024 23:30	4.3	254	7	5.7	0.2	20.9	91
27/06/2024 23:40	3.8	258	4	4.4	0.0	20.8	91
27/06/2024 23:50	2.4	257	9	3.2	0.0	20.7	92
28/06/2024 00:00	3.1	258	9	3.9	0.0	20.7	92
28/06/2024 00:10	3.4	251	11	4.6	0.0	21.1	88



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/06/2024 00:20	2.5	232	13	3.6	0.0	21.1	89
28/06/2024 00:30	2.8	225	9	3.9	0.0	21.5	85
28/06/2024 00:40	2.2	241	20	3.6	0.0	21.3	87
28/06/2024 00:50	2.8	205	11	4.3	0.0	21.5	86
28/06/2024 01:00	1.8	194	12	3.1	0.0	21.5	86
28/06/2024 01:10	1.2	192	16	2.1	0.0	21.3	87
28/06/2024 01:20	1.7	181	14	2.5	0.0	21.2	88
28/06/2024 01:30	1.0	193	20	1.8	0.0	21.2	87
28/06/2024 01:40	1.5	198	12	2.2	0.0	21.1	87
28/06/2024 01:50	1.4	195	16	2.6	0.0	21.1	86
28/06/2024 02:00	1.9	176	12	3.3	0.0	21.3	84
28/06/2024 02:10	0.8	213	27	1.3	0.0	21.3	85
28/06/2024 02:20	0.8	208	18	1.4	0.0	21.1	87
28/06/2024 02:30	0.8	207	39	1.5	0.0	20.8	89
28/06/2024 02:40	0.6	269	26	1.1	0.0	20.7	89
28/06/2024 02:50	1.3	233	16	2.5	0.0	20.9	87
28/06/2024 03:00	1.5	224	16	2.6	0.0	21.0	87
28/06/2024 03:10	1.9	238	17	3.3	0.0	20.9	88
28/06/2024 03:20	1.1	268	27	2.1	0.0	20.7	90
28/06/2024 03:30	0.7	258	26	1.3	0.0	20.4	91
28/06/2024 03:40	1.4	264	11	2.4	0.0	20.3	92
28/06/2024 03:50	3.0	268	3	3.6	0.0	20.2	92
28/06/2024 04:00	3.4	261	6	4.3	0.0	20.1	93
28/06/2024 04:10	2.9	263	7	4.4	0.0	20.0	93
28/06/2024 04:20	2.8	265	7	3.8	0.0	20.0	93
28/06/2024 04:30	3.1	262	7	4.1	0.0	20.0	94
28/06/2024 04:40	3.3	257	9	4.5	0.0	19.9	94
28/06/2024 04:50	3.3	252	12	4.5	0.1	20.1	92
28/06/2024 05:00	3.0	257	12	4.2	0.0	20.0	92
28/06/2024 05:10	3.9	255	11	5.3	0.0	20.0	93
28/06/2024 05:20	3.8	254	12	5.3	0.0	20.0	92
28/06/2024 05:30	3.6	254	14	4.9	0.0	20.1	91
28/06/2024 05:40	3.3	255	13	4.6	0.0	20.1	90
28/06/2024 05:50	3.5	257	12	5.0	0.0	20.1	90
28/06/2024 06:00	3.5	252	12	4.9	0.0	20.0	90
28/06/2024 06:10	3.1	239	13	4.9	0.0	20.2	88
28/06/2024 06:20	2.9	219	14	4.2	0.0	20.2	87
28/06/2024 06:30	3.4	211	11	5.1	0.0	20.2	86
28/06/2024 06:40	3.9	210	10	5.8	0.0	20.1	85
28/06/2024 06:50	3.5	210	11	5.2	0.0	20.0	86
28/06/2024 07:00	3.5	208	10	5.3	0.0	20.0	86
28/06/2024 07:10	3.6	237	14	5.3	0.0	20.1	86
28/06/2024 07:20	4.0	232	12	5.9	0.0	20.0	87
28/06/2024 07:30	4.6	238	11	6.6	0.0	19.7	87
28/06/2024 07:40	4.6	239	10	6.2	0.0	19.8	85
28/06/2024 07:50	4.4	236	10	7.0	0.0	19.7	85
28/06/2024 08:00	4.1	233	11	6.1	0.0	19.5	84
28/06/2024 08:10	4.5	213	11	6.2	0.0	19.0	86



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/06/2024 08:20	4.9	207	8	6.8	0.0	18.5	87
28/06/2024 08:30	4.3	209	10	5.8	0.0	18.6	87
28/06/2024 08:40	3.1	210	10	4.9	0.0	18.9	87
28/06/2024 08:50	3.8	209	12	5.7	0.0	19.0	86
28/06/2024 09:00	3.5	203	11	5.2	0.0	19.0	85
28/06/2024 09:10	2.7	193	12	4.2	0.0	19.1	85
28/06/2024 09:20	2.7	187	12	4.1	0.0	19.2	85
28/06/2024 09:30	2.7	197	10	3.9	0.0	19.3	84
28/06/2024 09:40	3.4	200	12	5.2	0.0	19.5	83
28/06/2024 09:50	3.8	192	12	5.5	0.0	19.8	79
28/06/2024 10:00	3.4	205	12	5.1	0.0	20.2	78
28/06/2024 10:10	3.6	197	10	5.4	0.0	20.1	78
28/06/2024 10:20	3.9	195	9	5.2	0.0	20.2	79
28/06/2024 10:30	4.1	194	12	5.5	0.0	20.7	76
28/06/2024 10:40	4.2	205	10	6.4	0.0	21.2	74
28/06/2024 10:50	3.5	201	14	5.3	0.0	21.3	73
28/06/2024 11:00	3.2	193	16	4.3	0.0	21.7	71
28/06/2024 11:10	3.8	195	12	5.3	0.0	21.9	70
28/06/2024 11:20	3.5	216	13	5.1	0.0	21.9	70
28/06/2024 11:30	4.7	218	16	7.1	0.0	21.9	69
28/06/2024 11:40	4.0	223	21	6.4	0.0	22.1	68
28/06/2024 11:50	4.5	215	16	6.8	0.0	22.1	65
28/06/2024 12:00	4.5	233	12	7.3	0.0	21.8	66
28/06/2024 12:10	4.7	237	10	6.8	0.0	21.6	65
28/06/2024 12:20	4.7	234	13	7.2	0.0	21.7	67
28/06/2024 12:30	3.3	256	18	4.6	0.0	21.5	68
28/06/2024 12:40	2.3	272	15	3.2	0.0	21.6	66
28/06/2024 12:50	2.5	266	18	3.8	0.0	22.1	65
28/06/2024 13:00	3.0	235	24	4.5	0.0	22.3	63
28/06/2024 13:10	3.8	248	16	5.5	0.0	22.3	63
28/06/2024 13:20	3.4	267	12	5.0	0.0	22.4	64
28/06/2024 13:30	4.2	269	10	6.5	0.0	22.4	63
28/06/2024 13:40	3.8	270	7	5.5	0.0	22.5	63
28/06/2024 13:50	4.0	256	14	6.3	0.0	22.6	61
28/06/2024 14:00	3.8	273	25	6.5	0.0	22.7	63
28/06/2024 14:10	4.0	281	12	5.7	0.0	22.6	65
28/06/2024 14:20	4.0	286	11	5.3	0.0	22.5	64
28/06/2024 14:30	3.4	283	11	5.0	0.0	22.7	64
28/06/2024 14:40	3.2	276	10	5.0	0.0	22.8	64
28/06/2024 14:50	3.7	279	10	5.4	0.0	22.7	63
28/06/2024 15:00	4.2	282	9	5.4	0.0	22.8	62
28/06/2024 15:10	3.8	286	8	5.0	0.0	22.7	63
28/06/2024 15:20	3.6	280	8	5.0	0.0	22.9	63
28/06/2024 15:30	4.0	277	9	5.1	0.0	22.9	63
28/06/2024 15:40	4.1	280	9	5.6	0.0	22.7	64
28/06/2024 15:50	3.8	285	9	5.8	0.0	22.7	65
28/06/2024 16:00	4.2	281	7	5.7	0.0	22.6	65
28/06/2024 16:10	3.9	283	9	5.3	0.0	22.6	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/06/2024 16:20	3.8	280	8	5.2	0.0	22.7	65
28/06/2024 16:30	4.4	279	7	6.0	0.0	22.6	65
28/06/2024 16:40	4.7	274	8	6.1	0.0	22.7	65
28/06/2024 16:50	4.9	279	6	6.9	0.0	22.7	65
28/06/2024 17:00	5.5	273	6	7.1	0.0	22.6	65
28/06/2024 17:10	4.7	268	7	6.4	0.0	22.6	64
28/06/2024 17:20	4.4	273	7	6.3	0.0	22.6	64
28/06/2024 17:30	4.7	273	6	6.3	0.0	22.5	65
28/06/2024 17:40	4.0	267	7	5.7	0.0	22.3	67
28/06/2024 17:50	4.5	271	7	6.3	0.0	22.2	66
28/06/2024 18:00	5.1	262	7	7.7	0.0	22.4	63
28/06/2024 18:10	5.4	261	5	7.7	0.0	22.4	63
28/06/2024 18:20	4.7	263	7	6.7	0.0	22.3	65
28/06/2024 18:30	5.8	259	7	8.1	0.0	22.2	65
28/06/2024 18:40	5.5	259	7	7.2	0.0	22.1	65
28/06/2024 18:50	5.9	260	7	8.5	0.0	22.0	65
28/06/2024 19:00	4.7	259	6	6.1	0.0	21.9	68
28/06/2024 19:10	5.0	257	7	6.8	0.0	21.8	69
28/06/2024 19:20	5.0	257	7	6.9	0.0	21.8	68
28/06/2024 19:30	4.9	258	6	6.8	0.0	21.7	70
28/06/2024 19:40	5.5	255	6	7.1	0.0	21.7	69
28/06/2024 19:50	4.6	255	7	6.4	0.0	21.5	70
28/06/2024 20:00	4.4	256	8	6.2	0.0	21.4	71
28/06/2024 20:10	4.3	259	7	6.3	0.0	21.1	73
28/06/2024 20:20	4.3	258	7	6.1	0.0	20.9	74
28/06/2024 20:30	4.0	260	6	5.1	0.0	20.9	75
28/06/2024 20:40	3.7	260	6	4.9	0.0	20.8	76
28/06/2024 20:50	3.6	262	7	5.2	0.0	20.9	77
28/06/2024 21:00	3.8	259	5	5.0	0.0	20.9	78
28/06/2024 21:10	3.7	255	8	5.4	0.0	20.9	78
28/06/2024 21:20	3.6	255	8	5.7	0.0	20.8	78
28/06/2024 21:30	3.3	260	7	4.3	0.0	20.6	79
28/06/2024 21:40	3.6	259	8	4.9	0.0	20.5	79
28/06/2024 21:50	4.0	261	5	5.5	0.0	20.4	78
28/06/2024 22:00	3.9	260	5	5.2	0.0	20.4	77
28/06/2024 22:10	3.8	261	7	5.3	0.0	20.4	75
28/06/2024 22:20	3.7	254	7	5.4	0.0	20.6	74
28/06/2024 22:30	4.0	247	11	5.9	0.0	20.8	72
28/06/2024 22:40	4.4	246	10	6.5	0.0	20.8	71
28/06/2024 22:50	4.3	246	10	6.8	0.0	20.9	69
28/06/2024 23:00	4.2	246	11	6.2	0.0	20.7	69
28/06/2024 23:10	4.5	244	12	6.4	0.0	20.8	67
28/06/2024 23:20	5.1	241	11	7.4	0.0	20.9	66
28/06/2024 23:30	5.2	241	9	7.8	0.0	21.0	65
28/06/2024 23:40	5.3	240	10	7.7	0.0	20.9	65
28/06/2024 23:50	5.1	241	10	7.5	0.0	20.9	63
29/06/2024 00:00	4.4	245	11	6.5	0.0	20.8	63
29/06/2024 00:10	4.1	248	12	6.4	0.0	20.4	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/06/2024 00:20	4.5	243	12	6.6	0.0	20.3	65
29/06/2024 00:30	4.5	245	11	6.3	0.0	20.3	65
29/06/2024 00:40	3.5	231	13	5.5	0.0	20.1	67
29/06/2024 00:50	3.6	230	11	5.3	0.0	20.0	68
29/06/2024 01:00	4.0	224	11	6.2	0.0	20.0	67
29/06/2024 01:10	3.5	224	12	5.0	0.0	19.9	67
29/06/2024 01:20	4.7	217	12	7.4	0.0	20.0	65
29/06/2024 01:30	4.7	222	12	7.4	0.0	20.1	65
29/06/2024 01:40	4.7	224	9	6.7	0.0	20.0	65
29/06/2024 01:50	4.3	230	11	6.2	0.0	19.9	65
29/06/2024 02:00	3.7	224	12	5.5	0.0	19.6	66
29/06/2024 02:10	4.6	213	9	6.5	0.0	19.5	65
29/06/2024 02:20	5.0	212	8	6.8	0.0	19.5	65
29/06/2024 02:30	4.3	217	11	6.4	0.0	19.5	65
29/06/2024 02:40	4.8	216	11	6.6	0.0	19.5	65
29/06/2024 02:50	4.5	217	9	6.1	0.0	19.3	65
29/06/2024 03:00	2.8	227	13	5.5	0.0	19.1	67
29/06/2024 03:10	2.6	228	19	4.5	0.0	18.8	68
29/06/2024 03:20	3.4	223	12	5.1	0.0	18.9	66
29/06/2024 03:30	4.6	217	9	6.3	0.0	19.2	63
29/06/2024 03:40	4.5	215	9	6.4	0.0	19.3	63
29/06/2024 03:50	4.3	216	7	5.7	0.0	19.2	63
29/06/2024 04:00	4.3	217	8	5.7	0.0	19.0	64
29/06/2024 04:10	4.3	217	9	6.0	0.0	19.1	64
29/06/2024 04:20	3.8	224	11	5.4	0.0	19.0	64
29/06/2024 04:30	3.1	230	16	5.0	0.0	18.8	66
29/06/2024 04:40	3.4	223	16	5.3	0.0	18.7	66
29/06/2024 04:50	4.5	212	8	5.9	0.0	18.8	65
29/06/2024 05:00	3.9	209	8	5.3	0.0	18.5	67
29/06/2024 05:10	3.6	214	9	5.1	0.0	18.4	67
29/06/2024 05:20	3.5	218	10	5.4	0.0	18.5	67
29/06/2024 05:30	3.3	215	11	5.0	0.0	18.5	66
29/06/2024 05:40	2.3	222	21	4.2	0.0	18.2	67
29/06/2024 05:50	1.5	240	39	2.5	0.0	18.0	69
29/06/2024 06:00	1.9	243	36	3.2	0.0	18.0	69
29/06/2024 06:10	2.0	230	34	4.2	0.0	18.2	67
29/06/2024 06:20	2.0	246	35	4.0	0.0	18.1	68
29/06/2024 06:30	0.9	236	66	2.5	0.0	17.7	69
29/06/2024 06:40	1.0	288	35	2.1	0.0	17.5	71
29/06/2024 06:50	1.4	211	25	2.7	0.0	17.6	70
29/06/2024 07:00	1.1	246	33	2.5	0.0	17.3	71
29/06/2024 07:10	1.6	284	32	2.9	0.0	17.4	71
29/06/2024 07:20	2.6	218	25	4.0	0.0	18.1	68
29/06/2024 07:30	3.0	212	9	4.5	0.0	18.4	66
29/06/2024 07:40	1.7	210	15	2.6	0.0	18.3	67
29/06/2024 07:50	1.4	211	18	2.5	0.0	18.4	67
29/06/2024 08:00	1.9	193	11	3.3	0.0	18.7	66
29/06/2024 08:10	1.8	201	14	2.6	0.0	18.9	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/06/2024 08:20	2.3	198	13	3.5	0.0	19.1	64
29/06/2024 08:30	2.6	189	12	4.0	0.0	19.3	63
29/06/2024 08:40	2.1	177	19	3.3	0.0	19.6	62
29/06/2024 08:50	2.0	169	18	3.3	0.0	19.8	62
29/06/2024 09:00	1.7	164	20	3.1	0.0	20.1	61
29/06/2024 09:10	2.1	164	16	3.5	0.0	20.2	61
29/06/2024 09:20	2.2	172	15	3.6	0.0	20.2	61
29/06/2024 09:30	2.9	194	16	4.6	0.0	20.5	61
29/06/2024 09:40	2.4	185	17	3.9	0.0	20.6	61
29/06/2024 09:50	2.6	201	15	3.8	0.0	20.9	59
29/06/2024 10:00	2.9	208	14	4.9	0.0	21.0	59
29/06/2024 10:10	3.5	203	13	4.9	0.0	21.2	58
29/06/2024 10:20	3.4	198	14	4.7	0.0	21.6	56
29/06/2024 10:30	3.5	193	12	5.2	0.0	21.7	55
29/06/2024 10:40	3.7	187	13	5.9	0.0	21.9	53
29/06/2024 10:50	2.9	194	16	4.5	0.0	22.2	52
29/06/2024 11:00	3.7	190	15	5.6	0.0	22.4	51
29/06/2024 11:10	3.4	192	17	5.3	0.0	22.6	49
29/06/2024 11:20	3.2	196	12	4.6	0.0	22.6	47
29/06/2024 11:30	3.4	197	16	5.2	0.0	22.8	47
29/06/2024 11:40	3.5	214	20	6.2	0.0	23.2	46
29/06/2024 11:50	4.4	232	17	6.0	0.0	23.4	46
29/06/2024 12:00	3.5	221	23	5.7	0.0	23.5	44
29/06/2024 12:10	4.2	226	12	6.7	0.0	23.6	41
29/06/2024 12:20	4.2	232	20	6.5	0.0	24.1	41
29/06/2024 12:30	4.7	227	17	7.1	0.0	23.9	40
29/06/2024 12:40	4.3	225	18	6.5	0.0	24.2	39
29/06/2024 12:50	4.2	244	14	6.0	0.0	23.9	38
29/06/2024 13:00	4.9	251	16	7.3	0.0	24.2	38
29/06/2024 13:10	4.2	234	17	6.8	0.0	24.1	38
29/06/2024 13:20	4.4	238	16	6.7	0.0	24.3	38
29/06/2024 13:30	4.0	233	13	5.6	0.0	24.4	38
29/06/2024 13:40	5.6	272	13	8.6	0.0	24.3	41
29/06/2024 13:50	4.9	275	10	7.0	0.0	24.1	41
29/06/2024 14:00	4.9	281	9	7.2	0.0	24.2	41
29/06/2024 14:10	6.0	282	9	9.2	0.0	24.3	40
29/06/2024 14:20	5.5	278	10	8.0	0.0	24.3	40
29/06/2024 14:30	6.1	282	8	7.7	0.0	24.1	40
29/06/2024 14:40	5.9	281	7	7.7	0.0	24.1	42
29/06/2024 14:50	6.2	278	6	7.8	0.0	23.9	44
29/06/2024 15:00	6.1	273	8	7.9	0.0	23.9	45
29/06/2024 15:10	6.1	279	9	8.2	0.0	23.8	45
29/06/2024 15:20	6.1	277	8	8.8	0.0	23.9	44
29/06/2024 15:30	6.7	281	6	8.5	0.0	23.5	50
29/06/2024 15:40	6.3	272	8	8.3	0.0	23.5	50
29/06/2024 15:50	6.3	276	7	7.7	0.0	23.5	48
29/06/2024 16:00	5.9	279	7	7.6	0.0	23.6	46
29/06/2024 16:10	5.8	275	7	7.5	0.0	23.5	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/06/2024 16:20	5.8	270	7	8.7	0.0	23.6	46
29/06/2024 16:30	6.2	275	7	7.7	0.0	23.3	48
29/06/2024 16:40	5.4	270	7	7.7	0.0	23.4	48
29/06/2024 16:50	5.6	274	7	7.4	0.0	23.3	50
29/06/2024 17:00	5.9	272	7	7.7	0.0	23.1	50
29/06/2024 17:10	5.3	275	7	7.0	0.0	23.0	54
29/06/2024 17:20	5.5	265	6	8.2	0.0	22.7	54
29/06/2024 17:30	5.8	264	6	7.6	0.0	22.5	54
29/06/2024 17:40	6.1	263	6	7.8	0.0	22.4	55
29/06/2024 17:50	5.4	265	7	7.2	0.0	22.3	57
29/06/2024 18:00	5.5	265	6	7.2	0.0	22.1	61
29/06/2024 18:10	5.7	264	6	7.7	0.0	21.9	64
29/06/2024 18:20	5.5	263	7	7.0	0.0	21.8	65
29/06/2024 18:30	5.5	266	5	7.0	0.0	21.7	67
29/06/2024 18:40	4.6	263	6	6.3	0.0	21.7	69
29/06/2024 18:50	5.1	262	6	6.8	0.0	21.6	70
29/06/2024 19:00	4.7	263	6	6.4	0.0	21.5	71
29/06/2024 19:10	4.7	260	6	6.5	0.0	21.3	72
29/06/2024 19:20	4.9	261	5	6.2	0.0	21.2	72
29/06/2024 19:30	4.4	259	6	6.1	0.0	21.0	74
29/06/2024 19:40	4.7	258	6	6.0	0.0	20.9	73
29/06/2024 19:50	4.1	259	7	5.8	0.0	20.7	73
29/06/2024 20:00	3.9	257	8	5.3	0.0	20.5	74
29/06/2024 20:10	3.5	256	8	4.5	0.0	20.3	75
29/06/2024 20:20	3.5	259	8	4.7	0.0	20.0	75
29/06/2024 20:30	3.7	256	10	5.0	0.0	20.0	74
29/06/2024 20:40	3.6	260	9	4.8	0.0	20.0	74
29/06/2024 20:50	3.8	256	10	5.3	0.0	19.9	74
29/06/2024 21:00	3.9	259	10	5.7	0.0	20.0	73
29/06/2024 21:10	4.0	265	9	5.2	0.0	20.0	72
29/06/2024 21:20	4.0	266	10	5.7	0.0	19.8	72
29/06/2024 21:30	4.1	265	9	5.8	0.0	19.8	71
29/06/2024 21:40	3.7	263	8	4.7	0.0	19.7	72
29/06/2024 21:50	4.0	251	13	6.4	0.0	19.6	70
29/06/2024 22:00	4.5	246	11	6.5	0.0	20.4	64
29/06/2024 22:10	4.7	243	10	6.9	0.0	20.8	62
29/06/2024 22:20	4.7	245	12	6.5	0.0	20.7	63
29/06/2024 22:30	4.1	246	13	6.4	0.0	20.4	64
29/06/2024 22:40	4.1	235	14	5.8	0.0	20.6	63
29/06/2024 22:50	4.3	215	8	7.2	0.0	20.8	61
29/06/2024 23:00	4.6	213	10	7.1	0.0	20.9	60
29/06/2024 23:10	4.7	213	10	7.0	0.0	20.9	59
29/06/2024 23:20	4.4	215	10	6.7	0.0	20.8	59
29/06/2024 23:30	4.9	213	10	7.2	0.0	20.8	57
29/06/2024 23:40	5.3	213	7	7.9	0.0	20.8	56
29/06/2024 23:50	4.8	210	8	6.5	0.0	20.5	56
30/06/2024 00:00	4.1	208	7	5.5	0.0	20.1	58
30/06/2024 00:10	3.4	203	8	4.4	0.0	19.6	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/06/2024 00:20	3.1	198	9	4.7	0.0	19.4	61
30/06/2024 00:30	3.7	202	8	4.8	0.0	19.5	60
30/06/2024 00:40	3.4	203	8	4.6	0.0	19.3	60
30/06/2024 00:50	3.3	204	8	4.6	0.0	19.2	61
30/06/2024 01:00	3.2	202	7	4.6	0.0	19.0	61
30/06/2024 01:10	3.2	206	8	4.4	0.0	19.1	60
30/06/2024 01:20	3.5	213	9	5.1	0.0	19.6	57
30/06/2024 01:30	3.2	207	9	4.8	0.0	19.5	58
30/06/2024 01:40	3.6	197	10	5.0	0.0	19.2	58
30/06/2024 01:50	3.3	189	11	4.8	0.0	19.5	56
30/06/2024 02:00	3.3	192	10	5.0	0.0	19.3	57
30/06/2024 02:10	3.5	193	8	4.7	0.0	19.2	57
30/06/2024 02:20	3.3	194	10	4.8	0.0	19.2	57
30/06/2024 02:30	3.1	194	9	4.6	0.0	19.0	57
30/06/2024 02:40	3.1	201	8	4.6	0.0	18.9	58
30/06/2024 02:50	2.9	196	10	4.4	0.0	18.8	58
30/06/2024 03:00	2.6	193	13	4.4	0.0	18.7	59
30/06/2024 03:10	2.3	194	15	3.9	0.0	18.5	60
30/06/2024 03:20	2.6	196	12	4.1	0.0	18.3	61
30/06/2024 03:30	2.7	176	17	4.4	0.0	18.5	60
30/06/2024 03:40	2.3	184	20	3.8	0.0	18.3	61
30/06/2024 03:50	2.1	179	24	3.9	0.0	18.1	62
30/06/2024 04:00	2.4	177	16	3.9	0.0	18.1	62
30/06/2024 04:10	1.8	181	23	3.4	0.0	17.9	63
30/06/2024 04:20	1.7	182	19	3.2	0.0	17.9	63
30/06/2024 04:30	1.8	149	49	3.6	0.0	17.9	63
30/06/2024 04:40	1.1	67	32	1.8	0.0	17.5	65
30/06/2024 04:50	1.3	121	45	2.2	0.0	17.4	65
30/06/2024 05:00	2.0	163	18	3.7	0.0	17.8	64
30/06/2024 05:10	1.3	131	22	2.2	0.0	17.7	64
30/06/2024 05:20	1.0	151	37	1.5	0.0	17.7	64
30/06/2024 05:30	0.8	156	35	1.7	0.0	17.5	65
30/06/2024 05:40	2.0	190	8	2.9	0.0	17.4	65
30/06/2024 05:50	1.9	184	13	3.1	0.0	16.9	68
30/06/2024 06:00	1.0	143	35	1.9	0.0	16.9	67
30/06/2024 06:10	1.2	134	34	2.5	0.0	17.5	64
30/06/2024 06:20	1.3	136	19	2.1	0.0	17.7	63
30/06/2024 06:30	1.4	140	22	3.5	0.0	17.8	63
30/06/2024 06:40	1.7	130	13	2.8	0.0	17.5	64
30/06/2024 06:50	2.0	125	14	2.9	0.0	17.5	64
30/06/2024 07:00	2.3	127	12	3.5	0.0	17.6	64
30/06/2024 07:10	2.2	124	13	3.1	0.0	17.7	64
30/06/2024 07:20	2.3	116	13	3.2	0.0	17.9	64
30/06/2024 07:30	2.4	116	11	3.6	0.0	18.1	63
30/06/2024 07:40	2.1	127	13	3.2	0.0	18.3	63
30/06/2024 07:50	2.1	128	12	3.0	0.0	18.5	63
30/06/2024 08:00	2.5	133	10	3.5	0.0	18.6	62
30/06/2024 08:10	2.1	122	15	3.5	0.0	18.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/06/2024 08:20	2.8	111	10	3.9	0.0	18.8	61
30/06/2024 08:30	2.5	123	16	4.0	0.0	19.0	60
30/06/2024 08:40	2.9	130	15	4.3	0.0	19.1	59
30/06/2024 08:50	2.4	128	16	3.7	0.0	19.3	58
30/06/2024 09:00	2.4	125	19	4.3	0.0	19.6	57
30/06/2024 09:10	2.8	124	17	4.4	0.0	19.6	58
30/06/2024 09:20	3.1	128	14	4.7	0.0	19.7	58
30/06/2024 09:30	3.1	127	15	4.5	0.0	19.8	58
30/06/2024 09:40	2.9	126	15	4.2	0.0	19.8	59
30/06/2024 09:50	2.9	124	18	4.4	0.0	20.3	58
30/06/2024 10:00	3.0	122	16	4.7	0.0	20.9	56
30/06/2024 10:10	3.2	128	12	4.7	0.0	21.3	53
30/06/2024 10:20	3.2	125	16	5.0	0.0	21.7	51
30/06/2024 10:30	2.9	132	17	4.8	0.0	22.1	49
30/06/2024 10:40	3.2	122	18	5.3	0.0	22.4	48
30/06/2024 10:50	4.2	126	22	6.5	0.0	22.6	48
30/06/2024 11:00	4.0	122	17	6.6	0.0	23.2	45
30/06/2024 11:10	3.5	126	20	5.9	0.0	23.4	45
30/06/2024 11:20	5.1	117	11	7.6	0.0	23.2	45
30/06/2024 11:30	5.1	114	11	7.6	0.0	23.3	46
30/06/2024 11:40	5.5	116	10	7.8	0.0	23.3	44
30/06/2024 11:50	4.7	117	11	6.6	0.0	23.7	44
30/06/2024 12:00	4.1	113	13	5.9	0.0	24.1	44
30/06/2024 12:10	4.5	115	11	6.6	0.0	24.3	42
30/06/2024 12:20	4.9	113	11	6.5	0.0	24.5	40
30/06/2024 12:30	5.0	116	8	6.9	0.0	24.2	39
30/06/2024 12:40	4.7	107	11	6.3	0.0	24.4	39
30/06/2024 12:50	4.6	92	12	6.9	0.0	24.7	39
30/06/2024 13:00	4.8	84	7	6.6	0.0	24.6	38
30/06/2024 13:10	4.4	89	15	6.6	0.0	24.6	37
30/06/2024 13:20	4.4	84	9	6.3	0.0	24.7	36
30/06/2024 13:30	4.1	86	15	6.3	0.0	24.6	39
30/06/2024 13:40	4.3	78	10	6.0	0.0	24.8	39
30/06/2024 13:50	4.1	76	12	6.1	0.0	24.9	36
30/06/2024 14:00	4.5	67	9	6.4	0.0	24.7	35
30/06/2024 14:10	4.5	70	11	6.3	0.0	24.7	35
30/06/2024 14:20	4.2	73	8	5.8	0.0	24.7	33
30/06/2024 14:30	4.6	84	7	6.2	0.0	24.6	33
30/06/2024 14:40	4.7	83	8	6.2	0.0	24.7	33
30/06/2024 14:50	4.2	63	10	6.4	0.0	25.0	33
30/06/2024 15:00	4.6	66	10	6.7	0.0	24.6	33
30/06/2024 15:10	4.5	57	11	6.0	0.0	24.8	34
30/06/2024 15:20	4.9	58	7	6.2	0.0	24.7	33
30/06/2024 15:30	4.3	60	10	6.1	0.0	24.6	34
30/06/2024 15:40	4.4	52	7	5.7	0.0	24.5	35
30/06/2024 15:50	3.8	52	10	5.3	0.0	24.7	34
30/06/2024 16:00	3.8	48	10	5.3	0.0	24.6	35
30/06/2024 16:10	3.7	51	11	5.0	0.0	24.6	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/06/2024 16:20	3.7	46	9	5.3	0.0	24.4	36
30/06/2024 16:30	3.5	51	11	4.9	0.0	24.3	36
30/06/2024 16:40	3.7	62	7	5.0	0.0	24.2	36
30/06/2024 16:50	3.6	55	7	5.0	0.0	24.1	37
30/06/2024 17:00	3.4	56	6	4.3	0.0	24.0	36
30/06/2024 17:10	3.3	54	7	4.5	0.0	23.8	39
30/06/2024 17:20	2.4	48	6	3.4	0.0	23.4	40
30/06/2024 17:30	2.4	49	4	2.9	0.0	22.7	41
30/06/2024 17:40	2.5	46	3	2.8	0.0	22.5	42
30/06/2024 17:50	2.3	44	2	2.7	0.0	22.5	41
30/06/2024 18:00	2.4	41	2	2.6	0.0	22.2	42
30/06/2024 18:10	2.2	53	3	2.4	0.0	22.0	43
30/06/2024 18:20	1.8	47	4	2.0	0.0	21.9	43
30/06/2024 18:30	1.7	46	4	2.1	0.0	21.8	45
30/06/2024 18:40	1.6	43	9	2.2	0.0	21.1	48
30/06/2024 18:50	0.4	49	14	0.8	0.0	20.9	49
30/06/2024 19:00	0.8	75	14	1.4	0.0	21.0	50
30/06/2024 19:10	0.2	155	53	0.4	0.0	20.8	50
30/06/2024 19:20	1.0	300	37	1.8	0.0	21.3	48
30/06/2024 19:30	2.3	274	9	2.9	0.0	21.4	49
30/06/2024 19:40	1.9	253	10	2.6	0.0	21.5	48
30/06/2024 19:50	0.8	252	22	1.5	0.0	21.7	47
30/06/2024 20:00	1.0	237	23	1.7	0.0	21.8	47
30/06/2024 20:10	1.5	277	15	2.2	0.0	21.9	45
30/06/2024 20:20	0.8	201	31	1.7	0.0	20.8	51
30/06/2024 20:30	1.3	289	16	2.4	0.0	21.1	58
30/06/2024 20:40	1.9	271	12	3.2	0.0	20.6	62
30/06/2024 20:50	2.3	264	9	3.3	0.0	20.5	63
30/06/2024 21:00	2.9	262	10	3.9	0.0	20.2	66
30/06/2024 21:10	2.0	270	6	2.7	0.0	20.3	69
30/06/2024 21:20	2.1	275	5	2.6	0.0	20.2	70
30/06/2024 21:30	2.3	272	9	3.1	0.0	20.5	66
30/06/2024 21:40	1.4	260	22	2.4	0.0	20.6	63
30/06/2024 21:50	1.6	251	13	2.4	0.0	20.7	62
30/06/2024 22:00	1.3	245	17	2.2	0.0	20.4	64
30/06/2024 22:10	1.5	219	16	2.5	0.0	20.5	66
30/06/2024 22:20	1.2	194	30	2.6	0.0	20.3	66
30/06/2024 22:30	1.1	146	48	2.5	0.0	20.4	60
30/06/2024 22:40	1.4	189	16	2.5	0.0	21.1	52
30/06/2024 22:50	1.7	183	10	2.5	0.0	20.9	51
30/06/2024 23:00	0.9	156	29	2.2	0.0	20.6	50
30/06/2024 23:10	2.3	118	13	3.3	0.0	20.9	45
30/06/2024 23:20	2.7	121	10	3.8	0.0	20.8	48
30/06/2024 23:30	2.6	122	10	3.6	0.0	20.6	52
30/06/2024 23:40	2.2	109	18	3.8	0.0	20.0	57
30/06/2024 23:50	2.4	118	16	4.2	0.0	20.2	57
01/07/2024 00:00	2.4	116	14	3.7	0.0	20.1	60
01/07/2024 00:10	1.7	124	23	3.1	0.0	20.2	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/07/2024 00:20	2.1	116	21	4.0	0.0	20.3	57
01/07/2024 00:30	2.3	120	20	4.8	0.0	20.4	55
01/07/2024 00:40	1.6	124	24	3.5	0.0	20.4	55
01/07/2024 00:50	1.8	127	28	3.9	0.0	20.3	55
01/07/2024 01:00	2.1	122	26	3.9	0.0	20.2	54
01/07/2024 01:10	1.8	121	22	4.1	0.0	20.2	54
01/07/2024 01:20	2.5	119	17	5.4	0.0	20.2	55
01/07/2024 01:30	2.5	120	22	4.6	0.0	20.2	55
01/07/2024 01:40	2.7	113	16	5.0	0.0	20.1	56
01/07/2024 01:50	2.6	119	25	4.8	0.0	20.1	54
01/07/2024 02:00	2.3	122	25	4.3	0.0	19.9	55
01/07/2024 02:10	2.2	125	22	4.2	0.0	19.9	57
01/07/2024 02:20	2.2	128	23	4.3	0.0	19.7	58
01/07/2024 02:30	2.3	131	23	4.2	0.0	19.8	57
01/07/2024 02:40	2.6	123	24	5.4	0.0	19.8	56
01/07/2024 02:50	2.9	120	17	5.3	0.0	19.8	57
01/07/2024 03:00	3.5	115	16	5.9	0.0	19.9	56
01/07/2024 03:10	3.7	114	16	6.8	0.0	20.0	55
01/07/2024 03:20	4.1	114	13	7.8	0.0	20.0	55
01/07/2024 03:30	4.5	115	12	7.8	0.0	20.0	55
01/07/2024 03:40	4.0	118	17	7.8	0.0	20.0	54
01/07/2024 03:50	4.6	112	12	7.7	0.0	20.0	55
01/07/2024 04:00	5.8	113	9	8.9	0.0	20.1	54
01/07/2024 04:10	5.3	112	10	7.8	0.0	20.1	54
01/07/2024 04:20	5.7	113	10	8.4	0.0	20.2	53
01/07/2024 04:30	6.8	113	10	9.6	0.0	20.3	52
01/07/2024 04:40	6.7	112	11	9.2	0.0	20.3	52
01/07/2024 04:50	6.8	111	10	9.9	0.0	20.1	53
01/07/2024 05:00	6.9	112	11	9.5	0.0	20.2	53
01/07/2024 05:10	6.8	109	10	10.1	0.0	20.2	54
01/07/2024 05:20	7.8	111	9	10.5	0.0	20.2	53
01/07/2024 05:30	6.5	111	10	9.4	0.0	20.1	54
01/07/2024 05:40	6.2	113	10	9.3	0.0	20.0	52
01/07/2024 05:50	6.2	113	9	9.2	0.0	20.1	52
01/07/2024 06:00	4.8	113	14	8.9	0.0	19.9	53
01/07/2024 06:10	3.8	116	13	6.9	0.0	19.8	54
01/07/2024 06:20	3.0	125	23	6.2	0.0	19.6	54
01/07/2024 06:30	2.9	132	18	5.2	0.0	19.5	54
01/07/2024 06:40	3.4	139	15	6.2	0.0	19.4	51
01/07/2024 06:50	3.1	135	17	5.6	0.0	19.3	49
01/07/2024 07:00	2.1	130	29	3.8	0.0	19.1	53
01/07/2024 07:10	2.4	124	21	5.0	0.0	19.1	53
01/07/2024 07:20	2.1	125	19	4.1	0.0	19.3	53
01/07/2024 07:30	2.8	122	17	5.3	0.0	19.4	52
01/07/2024 07:40	3.9	113	11	6.0	0.0	19.5	51
01/07/2024 07:50	2.8	117	17	4.3	0.0	19.5	51
01/07/2024 08:00	3.3	117	15	6.1	0.0	19.4	51
01/07/2024 08:10	2.8	127	17	4.6	0.0	19.4	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/07/2024 08:20	2.7	123	21	4.9	0.0	19.6	50
01/07/2024 08:30	3.4	122	14	7.2	0.0	19.8	49
01/07/2024 08:40	3.1	126	17	5.4	0.0	20.1	49
01/07/2024 08:50	3.3	120	12	5.8	0.0	20.3	49
01/07/2024 09:00	5.8	111	13	9.2	0.0	20.8	48
01/07/2024 09:10	6.2	104	14	8.6	0.0	21.3	46
01/07/2024 09:20	6.2	103	13	9.1	0.0	21.3	47
01/07/2024 09:30	6.9	99	12	10.5	0.0	21.4	46
01/07/2024 09:40	6.9	89	8	10.2	0.0	21.3	46
01/07/2024 09:50	7.7	87	7	10.4	0.0	21.2	46
01/07/2024 10:00	7.0	89	7	9.6	0.0	21.3	46
01/07/2024 10:10	7.2	88	9	9.7	0.0	21.6	45
01/07/2024 10:20	7.4	87	7	9.9	0.0	21.6	45
01/07/2024 10:30	7.3	89	8	10.7	0.0	21.8	46
01/07/2024 10:40	6.5	87	9	9.2	0.0	22.0	45
01/07/2024 10:50	8.0	84	7	10.8	0.0	22.1	44
01/07/2024 11:00	7.8	87	7	10.4	0.0	22.5	43
01/07/2024 11:10	8.0	89	6	10.9	0.0	22.6	44
01/07/2024 11:20	7.8	91	6	10.6	0.0	22.8	44
01/07/2024 11:30	7.4	93	10	10.8	0.0	22.9	45
01/07/2024 11:40	7.2	91	8	9.6	0.0	23.0	44
01/07/2024 11:50	7.5	91	7	10.6	0.0	23.2	43
01/07/2024 12:00	7.3	88	7	9.7	0.0	23.4	43
01/07/2024 12:10	8.2	90	6	10.9	0.0	23.2	43
01/07/2024 12:20	7.3	89	7	9.4	0.0	23.2	44
01/07/2024 12:30	6.9	87	9	9.2	0.0	23.7	44
01/07/2024 12:40	7.5	87	6	9.7	0.0	23.4	44
01/07/2024 12:50	6.8	88	7	9.7	0.0	23.8	43
01/07/2024 13:00	6.7	83	9	8.9	0.0	23.7	44
01/07/2024 13:10	6.3	79	9	9.3	0.0	23.8	45
01/07/2024 13:20	6.5	76	9	9.0	0.0	23.8	45
01/07/2024 13:30	7.3	72	7	9.2	0.0	23.6	45
01/07/2024 13:40	7.9	73	5	9.9	0.0	23.5	44
01/07/2024 13:50	7.9	77	6	9.9	0.0	23.4	44
01/07/2024 14:00	7.9	77	7	9.9	0.0	23.7	42
01/07/2024 14:10	7.3	84	7	9.9	0.0	24.2	41
01/07/2024 14:20	7.5	85	6	9.5	0.1	24.2	41
01/07/2024 14:30	7.1	80	8	9.2	0.0	24.1	41
01/07/2024 14:40	7.5	79	7	9.7	0.0	24.1	41
01/07/2024 14:50	7.3	75	6	9.0	0.0	23.9	41
01/07/2024 15:00	7.1	78	6	9.0	0.0	23.9	41
01/07/2024 15:10	6.7	82	7	9.2	0.0	24.1	40
01/07/2024 15:20	5.4	79	10	7.3	0.0	24.5	41
01/07/2024 15:30	5.5	82	9	7.6	0.0	24.5	40
01/07/2024 15:40	5.5	76	9	7.6	0.0	24.4	40
01/07/2024 15:50	5.0	77	9	7.3	0.0	24.4	40
01/07/2024 16:00	5.1	78	11	7.3	0.0	24.4	39
01/07/2024 16:10	4.5	72	10	6.8	0.0	24.5	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/07/2024 16:20	4.8	62	8	6.2	0.0	24.5	40
01/07/2024 16:30	4.7	62	8	6.5	0.0	24.3	40
01/07/2024 16:40	3.8	59	9	5.0	0.0	24.2	43
01/07/2024 16:50	3.9	61	11	5.1	0.0	24.2	43
01/07/2024 17:00	3.6	59	8	5.0	0.0	24.1	42
01/07/2024 17:10	3.5	55	6	4.8	0.0	23.9	45
01/07/2024 17:20	3.7	56	6	4.7	0.0	23.5	47
01/07/2024 17:30	3.2	53	5	4.3	0.0	23.1	50
01/07/2024 17:40	2.8	55	6	3.6	0.0	22.7	51
01/07/2024 17:50	2.4	56	7	3.3	0.0	22.4	53
01/07/2024 18:00	1.7	65	9	2.4	0.0	22.3	53
01/07/2024 18:10	0.9	58	17	1.6	0.0	21.8	58
01/07/2024 18:20	0.5	183	61	1.0	0.0	21.7	56
01/07/2024 18:30	1.1	96	21	1.6	0.0	22.3	50
01/07/2024 18:40	1.1	85	11	1.6	0.0	21.9	53
01/07/2024 18:50	0.7	64	14	1.1	0.0	21.6	57
01/07/2024 19:00	0.7	73	11	0.9	0.0	21.5	58
01/07/2024 19:10	0.7	78	12	1.0	0.0	21.5	57
01/07/2024 19:20	0.9	60	9	1.2	0.0	21.5	56
01/07/2024 19:30	0.9	64	8	1.4	0.0	21.7	50
01/07/2024 19:40	1.0	115	18	1.7	0.0	21.9	51
01/07/2024 19:50	1.8	129	10	2.5	0.0	22.6	50
01/07/2024 20:00	1.2	126	18	2.2	0.0	21.9	54
01/07/2024 20:10	1.9	133	4	2.3	0.0	22.4	50
01/07/2024 20:20	1.8	134	5	2.3	0.0	22.9	48
01/07/2024 20:30	1.4	94	24	2.2	0.0	22.8	49
01/07/2024 20:40	1.2	47	17	1.8	0.0	21.7	56
01/07/2024 20:50	1.0	59	22	1.6	0.0	22.1	53
01/07/2024 21:00	0.4	140	70	1.3	0.0	21.7	55
01/07/2024 21:10	1.2	90	21	2.1	0.0	21.7	55
01/07/2024 21:20	1.3	101	21	2.0	0.0	22.0	54
01/07/2024 21:30	1.2	97	27	2.1	0.0	21.8	55
01/07/2024 21:40	1.3	84	16	2.0	0.0	21.7	56
01/07/2024 21:50	1.4	98	18	2.1	0.0	21.8	56
01/07/2024 22:00	2.2	114	15	3.0	0.0	21.9	54
01/07/2024 22:10	2.2	123	15	3.4	0.0	22.4	50
01/07/2024 22:20	1.9	120	12	2.8	0.0	22.1	51
01/07/2024 22:30	1.9	120	14	3.5	0.0	22.1	50
01/07/2024 22:40	1.9	134	18	3.5	0.0	22.3	44
01/07/2024 22:50	2.6	152	20	4.5	0.0	22.5	39
01/07/2024 23:00	2.8	169	14	5.4	0.0	22.5	38
01/07/2024 23:10	2.1	152	21	4.0	0.0	22.2	38
01/07/2024 23:20	2.1	135	24	3.9	0.0	22.1	37
01/07/2024 23:30	2.3	127	21	4.1	0.0	21.8	38
01/07/2024 23:40	1.9	126	20	3.3	0.0	21.4	41
01/07/2024 23:50	1.6	120	11	2.6	0.0	21.4	42
02/07/2024 00:00	1.9	121	16	3.4	0.0	21.4	43
02/07/2024 00:10	1.5	133	21	3.1	0.0	21.4	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/07/2024 00:20	1.8	131	18	2.9	0.0	21.3	43
02/07/2024 00:30	2.2	120	13	3.5	0.0	21.1	44
02/07/2024 00:40	2.1	123	14	3.2	0.0	20.9	44
02/07/2024 00:50	2.2	120	15	3.9	0.0	20.8	45
02/07/2024 01:00	2.5	114	12	3.8	0.0	20.8	45
02/07/2024 01:10	2.2	117	14	3.4	0.0	20.7	46
02/07/2024 01:20	2.1	118	15	3.3	0.0	20.8	46
02/07/2024 01:30	2.2	124	16	3.5	0.0	20.7	46
02/07/2024 01:40	2.5	112	13	3.8	0.0	20.6	46
02/07/2024 01:50	2.3	115	13	3.5	0.0	20.5	47
02/07/2024 02:00	2.3	121	14	3.7	0.0	20.4	47
02/07/2024 02:10	2.0	120	15	3.1	0.0	20.5	47
02/07/2024 02:20	1.9	120	17	3.0	0.0	20.4	48
02/07/2024 02:30	2.4	121	18	4.0	0.0	20.5	47
02/07/2024 02:40	2.2	124	16	3.7	0.0	20.5	47
02/07/2024 02:50	3.0	131	14	4.9	0.0	20.5	47
02/07/2024 03:00	3.2	132	17	5.6	0.0	20.6	46
02/07/2024 03:10	2.5	129	19	4.7	0.0	20.5	48
02/07/2024 03:20	2.4	130	24	5.3	0.0	20.3	50
02/07/2024 03:30	2.2	129	29	4.9	0.0	20.2	50
02/07/2024 03:40	2.8	130	22	5.4	0.0	20.2	50
02/07/2024 03:50	1.9	119	22	3.4	0.0	20.0	53
02/07/2024 04:00	2.8	120	16	5.1	0.0	20.0	52
02/07/2024 04:10	2.9	118	18	5.6	0.0	20.0	52
02/07/2024 04:20	2.6	116	17	4.6	0.0	19.9	52
02/07/2024 04:30	2.5	122	22	5.0	0.0	19.8	53
02/07/2024 04:40	2.5	126	20	4.9	0.0	19.8	52
02/07/2024 04:50	2.9	128	23	5.4	0.0	19.8	51
02/07/2024 05:00	2.2	124	24	4.0	0.0	19.6	53
02/07/2024 05:10	2.9	134	15	5.0	0.0	19.7	52
02/07/2024 05:20	2.5	131	17	4.6	0.0	19.6	52
02/07/2024 05:30	2.7	135	16	4.6	0.0	19.4	51
02/07/2024 05:40	3.0	129	16	4.9	0.0	19.4	51
02/07/2024 05:50	2.6	130	19	5.1	0.0	19.1	53
02/07/2024 06:00	2.5	129	21	4.5	0.0	18.9	53
02/07/2024 06:10	2.7	130	12	5.1	0.0	18.9	53
02/07/2024 06:20	2.7	130	16	5.0	0.0	18.8	54
02/07/2024 06:30	2.8	132	17	4.5	0.0	18.8	54
02/07/2024 06:40	3.0	133	13	5.4	0.0	18.9	54
02/07/2024 06:50	2.6	132	13	4.4	0.0	18.7	55
02/07/2024 07:00	3.1	134	13	4.9	0.0	18.7	54
02/07/2024 07:10	2.8	130	15	4.8	0.0	18.7	54
02/07/2024 07:20	2.5	131	15	4.2	0.0	18.6	55
02/07/2024 07:30	3.1	133	14	4.7	0.0	18.6	56
02/07/2024 07:40	2.8	130	15	4.5	0.0	18.7	56
02/07/2024 07:50	2.5	123	18	4.2	0.0	18.9	55
02/07/2024 08:00	2.8	133	15	4.7	0.0	19.1	54
02/07/2024 08:10	3.1	126	18	5.1	0.0	19.2	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/07/2024 08:20	3.1	136	16	5.7	0.0	19.3	53
02/07/2024 08:30	3.5	134	14	6.1	0.0	19.6	52
02/07/2024 08:40	3.5	123	16	6.2	0.0	19.8	52
02/07/2024 08:50	4.1	118	13	6.0	0.0	19.9	52
02/07/2024 09:00	3.8	120	17	5.9	0.0	20.1	52
02/07/2024 09:10	4.0	120	14	6.2	0.0	20.5	51
02/07/2024 09:20	3.9	127	20	6.1	0.0	21.2	47
02/07/2024 09:30	4.1	136	19	6.4	0.0	21.5	45
02/07/2024 09:40	3.5	133	17	5.9	0.0	21.7	44
02/07/2024 09:50	3.8	129	18	6.1	0.0	21.8	44
02/07/2024 10:00	3.7	138	16	5.7	0.0	22.1	43
02/07/2024 10:10	3.7	129	16	5.6	0.0	22.4	42
02/07/2024 10:20	3.5	135	19	5.3	0.0	22.7	42
02/07/2024 10:30	3.4	127	16	5.7	0.0	23.0	41
02/07/2024 10:40	4.1	115	14	5.8	0.0	23.0	42
02/07/2024 10:50	5.4	111	11	7.6	0.0	23.4	42
02/07/2024 11:00	5.1	111	12	7.2	0.0	23.7	41
02/07/2024 11:10	5.2	111	9	7.4	0.0	23.9	40
02/07/2024 11:20	4.9	109	11	7.0	0.0	24.0	40
02/07/2024 11:30	4.8	105	13	7.4	0.0	24.4	38
02/07/2024 11:40	4.8	108	12	6.8	0.0	24.6	37
02/07/2024 11:50	4.5	112	10	6.2	0.0	24.3	40
02/07/2024 12:00	3.6	111	13	5.4	0.0	24.7	39
02/07/2024 12:10	3.8	107	11	5.6	0.0	25.0	39
02/07/2024 12:20	4.1	116	10	5.8	0.0	24.7	39
02/07/2024 12:30	4.0	118	13	6.3	0.0	25.1	38
02/07/2024 12:40	4.2	119	12	6.1	0.0	25.1	36
02/07/2024 12:50	3.7	110	15	6.2	0.0	25.8	35
02/07/2024 13:00	3.9	102	17	6.0	0.0	26.1	34
02/07/2024 13:10	3.8	86	14	5.6	0.0	25.7	39
02/07/2024 13:20	4.0	81	14	5.7	0.0	25.8	40
02/07/2024 13:30	3.9	78	12	5.5	0.0	25.8	42
02/07/2024 13:40	4.3	70	7	5.8	0.0	25.7	41
02/07/2024 13:50	4.9	68	6	6.3	0.0	25.6	40
02/07/2024 14:00	5.0	70	6	6.5	0.0	25.8	39
02/07/2024 14:10	5.3	71	5	6.7	0.0	25.9	38
02/07/2024 14:20	5.2	72	5	6.4	0.0	26.0	37
02/07/2024 14:30	4.7	74	7	6.5	0.0	26.2	36
02/07/2024 14:40	4.7	75	7	5.7	0.0	26.3	36
02/07/2024 14:50	4.6	76	8	5.8	0.0	26.5	36
02/07/2024 15:00	4.7	80	8	5.9	0.0	26.5	35
02/07/2024 15:10	5.4	76	7	6.8	0.0	26.2	35
02/07/2024 15:20	5.2	78	8	7.3	0.0	26.4	35
02/07/2024 15:30	4.9	75	9	6.7	0.0	26.4	35
02/07/2024 15:40	4.4	74	10	6.1	0.0	26.7	35
02/07/2024 15:50	4.2	71	9	5.5	0.0	26.5	35
02/07/2024 16:00	4.4	67	12	6.4	0.0	26.4	37
02/07/2024 16:10	4.2	62	10	6.3	0.0	26.1	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/07/2024 16:20	3.9	54	8	5.9	0.0	25.9	40
02/07/2024 16:30	3.7	48	8	5.2	0.0	25.7	40
02/07/2024 16:40	3.5	50	8	5.0	0.0	25.7	40
02/07/2024 16:50	3.8	52	6	4.9	0.0	25.4	41
02/07/2024 17:00	3.2	56	7	4.4	0.0	25.2	41
02/07/2024 17:10	3.0	59	8	4.2	0.0	25.3	40
02/07/2024 17:20	2.8	56	8	3.9	0.0	25.2	40
02/07/2024 17:30	2.4	49	5	2.9	0.0	24.4	44
02/07/2024 17:40	2.6	51	5	3.3	0.0	23.8	47
02/07/2024 17:50	2.3	48	4	2.9	0.0	23.4	48
02/07/2024 18:00	1.8	46	6	2.4	0.0	23.2	49
02/07/2024 18:10	1.0	61	18	1.8	0.0	23.2	49
02/07/2024 18:20	1.2	67	17	1.8	0.0	23.3	49
02/07/2024 18:30	1.4	63	6	1.8	0.0	23.5	48
02/07/2024 18:40	1.6	59	3	1.8	0.0	23.4	49
02/07/2024 18:50	1.6	57	2	1.8	0.0	23.0	50
02/07/2024 19:00	1.2	55	5	1.5	0.0	23.0	50
02/07/2024 19:10	0.5	77	38	0.9	0.0	22.3	53
02/07/2024 19:20	0.3	64	46	0.6	0.0	22.4	52
02/07/2024 19:30	0.4	104	33	0.6	0.0	22.4	52
02/07/2024 19:40	0.6	25	16	0.9	0.0	22.6	52
02/07/2024 19:50	0.7	48	17	1.0	0.0	23.0	50
02/07/2024 20:00	0.7	41	32	1.1	0.0	23.2	49
02/07/2024 20:10	1.3	26	50	2.8	0.0	22.9	51
02/07/2024 20:20	1.7	280	7	2.4	0.0	22.7	52
02/07/2024 20:30	2.4	277	10	3.3	0.0	22.8	51
02/07/2024 20:40	1.6	253	15	2.5	0.0	22.5	53
02/07/2024 20:50	1.3	245	15	1.7	0.0	22.6	54
02/07/2024 21:00	1.4	256	17	2.2	0.0	22.7	53
02/07/2024 21:10	1.5	260	17	2.5	0.0	21.9	55
02/07/2024 21:20	2.2	273	8	3.1	0.0	21.9	53
02/07/2024 21:30	2.3	273	6	3.0	0.0	21.9	52
02/07/2024 21:40	2.4	275	6	3.2	0.0	21.6	52
02/07/2024 21:50	3.0	277	5	3.5	0.0	21.7	49
02/07/2024 22:00	2.8	280	4	3.4	0.0	22.0	47
02/07/2024 22:10	2.4	282	6	3.1	0.0	22.1	46
02/07/2024 22:20	2.3	277	7	2.9	0.0	22.1	45
02/07/2024 22:30	2.2	276	5	2.7	0.0	22.1	45
02/07/2024 22:40	1.2	260	25	2.0	0.0	21.7	47
02/07/2024 22:50	0.6	269	29	1.2	0.0	22.0	46
02/07/2024 23:00	0.5	195	19	0.8	0.0	22.0	46
02/07/2024 23:10	0.7	172	23	1.3	0.0	21.7	46
02/07/2024 23:20	0.8	170	22	1.3	0.0	22.1	45
02/07/2024 23:30	1.0	169	22	1.7	0.0	22.1	45
02/07/2024 23:40	1.6	135	14	2.5	0.0	22.5	43
02/07/2024 23:50	1.9	116	11	2.7	0.0	22.5	43
03/07/2024 00:00	2.2	123	12	3.1	0.0	22.4	44
03/07/2024 00:10	2.6	118	12	4.0	0.0	22.3	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/07/2024 00:20	2.3	116	12	3.7	0.0	21.7	50
03/07/2024 00:30	2.7	116	9	3.9	0.0	21.6	54
03/07/2024 00:40	2.1	119	14	2.9	0.0	21.5	55
03/07/2024 00:50	2.0	114	14	2.9	0.0	21.4	57
03/07/2024 01:00	2.3	121	13	3.3	0.0	21.4	57
03/07/2024 01:10	2.4	118	11	3.8	0.0	21.4	58
03/07/2024 01:20	3.3	115	10	4.8	0.0	21.4	56
03/07/2024 01:30	2.6	109	12	3.8	0.0	21.4	57
03/07/2024 01:40	3.7	110	11	6.1	0.0	21.4	57
03/07/2024 01:50	3.7	112	11	5.5	0.0	21.5	58
03/07/2024 02:00	3.9	113	13	6.1	0.0	21.6	58
03/07/2024 02:10	4.2	114	12	6.2	0.0	21.5	59
03/07/2024 02:20	5.1	113	10	6.9	0.0	21.6	58
03/07/2024 02:30	5.3	114	10	7.5	0.0	21.6	57
03/07/2024 02:40	6.1	112	9	8.4	0.0	21.7	57
03/07/2024 02:50	6.0	113	10	8.5	0.0	21.7	57
03/07/2024 03:00	6.0	113	10	8.0	0.0	21.7	58
03/07/2024 03:10	6.0	112	10	8.6	0.0	21.7	58
03/07/2024 03:20	6.5	112	11	9.5	0.0	21.8	56
03/07/2024 03:30	7.0	109	9	10.4	0.0	21.8	57
03/07/2024 03:40	7.8	111	10	11.3	0.0	21.7	56
03/07/2024 03:50	7.8	110	11	11.2	0.0	21.6	58
03/07/2024 04:00	7.4	110	10	10.5	0.0	21.6	57
03/07/2024 04:10	7.5	110	10	11.6	0.0	21.4	58
03/07/2024 04:20	7.5	110	9	11.6	0.0	21.4	57
03/07/2024 04:30	8.1	111	9	12.0	0.0	21.3	57
03/07/2024 04:40	7.8	110	10	11.2	0.0	21.3	58
03/07/2024 04:50	8.2	112	11	12.0	0.0	21.2	57
03/07/2024 05:00	8.3	111	10	11.7	0.0	21.2	56
03/07/2024 05:10	8.0	110	10	11.9	0.0	21.1	56
03/07/2024 05:20	8.0	110	10	11.2	0.0	21.0	55
03/07/2024 05:30	9.2	111	8	12.8	0.0	21.0	54
03/07/2024 05:40	7.5	112	10	10.5	0.0	20.9	54
03/07/2024 05:50	7.3	110	9	11.5	0.0	20.9	53
03/07/2024 06:00	7.4	110	10	11.1	0.0	20.9	52
03/07/2024 06:10	7.6	108	11	11.9	0.0	20.8	51
03/07/2024 06:20	8.5	110	11	11.8	0.0	20.8	50
03/07/2024 06:30	8.2	109	10	12.5	0.0	20.8	50
03/07/2024 06:40	8.6	108	10	12.7	0.0	20.7	49
03/07/2024 06:50	8.8	110	10	12.9	0.0	20.6	48
03/07/2024 07:00	8.5	112	9	12.6	0.0	20.5	47
03/07/2024 07:10	8.5	112	10	11.8	0.0	20.4	47
03/07/2024 07:20	8.2	110	9	11.7	0.0	20.4	47
03/07/2024 07:30	7.9	108	10	12.2	0.0	20.4	48
03/07/2024 07:40	7.9	110	9	11.1	0.0	20.6	48
03/07/2024 07:50	7.2	113	10	11.0	0.0	20.5	48
03/07/2024 08:00	7.0	111	8	10.5	0.0	20.5	47
03/07/2024 08:10	7.0	111	9	10.2	0.0	20.5	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/07/2024 08:20	7.0	109	11	10.7	0.0	20.7	48
03/07/2024 08:30	7.9	109	9	12.6	0.0	20.9	47
03/07/2024 08:40	8.1	111	10	12.2	0.0	21.2	47
03/07/2024 08:50	8.5	109	11	12.5	0.0	21.5	46
03/07/2024 09:00	9.2	109	10	13.3	0.0	21.5	45
03/07/2024 09:10	8.2	107	11	12.8	0.0	21.8	47
03/07/2024 09:20	8.5	107	10	13.1	0.0	21.9	46
03/07/2024 09:30	8.2	107	11	11.8	0.0	22.1	46
03/07/2024 09:40	8.8	108	10	13.2	0.0	22.1	46
03/07/2024 09:50	9.4	111	10	14.2	0.0	22.2	46
03/07/2024 10:00	8.8	109	11	12.7	0.0	22.5	46
03/07/2024 10:10	8.8	110	12	13.0	0.0	22.6	46
03/07/2024 10:20	9.0	110	10	12.3	0.0	22.7	46
03/07/2024 10:30	8.5	108	10	12.2	0.0	23.0	46
03/07/2024 10:40	8.5	109	11	12.9	0.0	23.2	46
03/07/2024 10:50	8.0	108	10	12.0	0.0	23.4	46
03/07/2024 11:00	8.1	109	11	12.8	0.0	23.5	45
03/07/2024 11:10	8.1	106	12	12.4	0.0	23.8	45
03/07/2024 11:20	7.6	105	13	11.1	0.0	24.0	45
03/07/2024 11:30	8.0	108	11	11.8	0.0	23.9	45
03/07/2024 11:40	8.6	94	9	12.0	0.0	24.3	46
03/07/2024 11:50	9.1	89	7	13.0	0.0	24.1	45
03/07/2024 12:00	9.1	89	7	12.4	0.0	24.3	45
03/07/2024 12:10	9.4	89	7	13.2	0.0	24.2	44
03/07/2024 12:20	9.2	88	7	12.6	0.0	24.2	44
03/07/2024 12:30	8.9	91	7	11.8	0.0	24.6	45
03/07/2024 12:40	9.4	90	6	12.4	0.0	24.4	45
03/07/2024 12:50	8.1	92	8	10.9	0.0	24.7	46
03/07/2024 13:00	8.1	90	8	10.9	0.0	24.7	46
03/07/2024 13:10	8.3	89	6	11.1	0.0	24.8	46
03/07/2024 13:20	8.5	89	7	12.2	0.0	24.6	46
03/07/2024 13:30	8.2	87	7	11.2	0.0	24.8	44
03/07/2024 13:40	7.6	85	7	10.8	0.0	25.0	43
03/07/2024 13:50	7.0	85	7	9.8	0.0	25.2	44
03/07/2024 14:00	6.6	86	9	9.3	0.0	25.5	43
03/07/2024 14:10	7.4	85	8	10.1	0.0	25.4	42
03/07/2024 14:20	8.0	87	7	10.6	0.0	25.2	41
03/07/2024 14:30	7.1	85	9	10.0	0.0	25.7	40
03/07/2024 14:40	7.8	87	7	11.3	0.0	25.5	41
03/07/2024 14:50	7.7	85	8	9.8	0.0	25.6	40
03/07/2024 15:00	7.6	87	8	11.2	0.0	25.7	40
03/07/2024 15:10	7.5	86	7	10.4	0.0	25.6	41
03/07/2024 15:20	7.1	88	8	9.9	0.0	25.8	40
03/07/2024 15:30	7.8	85	7	10.1	0.0	25.6	39
03/07/2024 15:40	6.5	81	9	8.7	0.0	25.5	43
03/07/2024 15:50	6.3	81	8	8.8	0.0	25.6	42
03/07/2024 16:00	6.8	76	6	8.5	0.0	25.1	45
03/07/2024 16:10	6.3	77	8	8.0	0.0	25.1	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/07/2024 16:20	5.9	77	8	7.9	0.0	25.3	44
03/07/2024 16:30	5.9	77	9	8.1	0.0	25.4	43
03/07/2024 16:40	5.9	77	9	8.3	0.0	25.3	42
03/07/2024 16:50	5.6	77	6	7.9	0.0	25.2	42
03/07/2024 17:00	5.7	73	7	7.5	0.0	25.1	44
03/07/2024 17:10	5.3	73	7	7.1	0.0	24.8	44
03/07/2024 17:20	5.3	76	7	7.2	0.0	24.7	45
03/07/2024 17:30	5.2	74	7	6.8	0.0	24.5	47
03/07/2024 17:40	5.1	76	6	7.1	0.0	24.4	47
03/07/2024 17:50	5.0	76	7	6.8	0.0	24.2	49
03/07/2024 18:00	4.6	77	8	6.7	0.0	24.2	48
03/07/2024 18:10	4.3	76	6	5.3	0.0	24.0	50
03/07/2024 18:20	4.1	77	6	5.7	0.0	23.9	52
03/07/2024 18:30	3.5	78	7	5.3	0.0	23.7	54
03/07/2024 18:40	3.0	85	9	4.7	0.0	23.6	55
03/07/2024 18:50	2.3	98	15	4.3	0.0	23.5	58
03/07/2024 19:00	2.5	89	10	3.4	0.0	23.2	61
03/07/2024 19:10	1.6	97	12	2.3	0.0	22.9	66
03/07/2024 19:20	1.5	93	13	2.3	0.0	22.6	71
03/07/2024 19:30	1.2	97	18	2.1	0.0	22.3	73
03/07/2024 19:40	2.0	109	18	3.5	0.0	22.3	70
03/07/2024 19:50	1.5	96	13	2.4	0.0	22.4	71
03/07/2024 20:00	1.4	101	25	2.6	0.0	22.0	72
03/07/2024 20:10	1.6	104	23	3.3	0.0	22.2	70
03/07/2024 20:20	1.8	98	23	3.4	0.0	22.3	66
03/07/2024 20:30	1.8	93	19	3.1	0.0	22.4	64
03/07/2024 20:40	2.1	108	13	3.3	0.0	22.4	66
03/07/2024 20:50	2.7	112	12	4.4	0.0	22.4	64
03/07/2024 21:00	3.8	113	11	5.8	0.0	22.6	58
03/07/2024 21:10	3.0	117	13	5.5	0.0	23.1	54
03/07/2024 21:20	2.4	115	18	4.7	0.0	23.2	52
03/07/2024 21:30	2.3	116	22	5.1	0.0	23.1	51
03/07/2024 21:40	3.4	114	14	6.2	0.0	23.1	50
03/07/2024 21:50	3.7	111	15	6.1	0.0	23.3	47
03/07/2024 22:00	2.6	119	21	5.8	0.0	23.1	47
03/07/2024 22:10	3.3	115	17	6.1	0.0	23.0	47
03/07/2024 22:20	2.6	118	18	4.6	0.0	22.8	48
03/07/2024 22:30	3.0	114	15	5.4	0.0	22.7	48
03/07/2024 22:40	5.1	112	12	9.0	0.0	22.9	45
03/07/2024 22:50	5.2	111	11	7.9	0.0	22.8	45
03/07/2024 23:00	5.3	111	11	7.8	0.0	22.7	44
03/07/2024 23:10	4.9	112	14	8.4	0.0	22.7	44
03/07/2024 23:20	4.9	111	14	8.0	0.0	22.5	44
03/07/2024 23:30	5.1	111	12	9.5	0.0	22.4	44
03/07/2024 23:40	5.4	111	11	8.7	0.0	22.3	43
03/07/2024 23:50	5.6	111	12	8.7	0.0	22.2	42
04/07/2024 00:00	5.1	112	11	8.2	0.0	22.1	42
04/07/2024 00:10	5.0	113	13	8.0	0.0	21.9	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/07/2024 00:20	6.7	111	11	10.5	0.0	22.0	39
04/07/2024 00:30	7.9	109	12	10.9	0.0	22.1	38
04/07/2024 00:40	7.8	111	12	12.8	0.0	22.0	38
04/07/2024 00:50	8.4	111	11	13.0	0.0	21.9	36
04/07/2024 01:00	7.6	111	11	11.5	0.0	21.7	36
04/07/2024 01:10	9.0	111	10	13.5	0.0	21.6	35
04/07/2024 01:20	10.0	108	10	15.3	0.0	21.5	34
04/07/2024 01:30	9.9	109	10	13.7	0.0	21.4	34
04/07/2024 01:40	9.2	109	11	14.6	0.0	21.2	35
04/07/2024 01:50	9.8	110	9	13.6	0.0	21.0	34
04/07/2024 02:00	8.6	109	11	12.4	0.0	20.9	36
04/07/2024 02:10	9.4	109	10	13.7	0.0	20.8	35
04/07/2024 02:20	9.8	110	9	14.2	0.0	20.7	34
04/07/2024 02:30	9.7	110	11	14.1	0.0	20.6	35
04/07/2024 02:40	9.3	109	11	13.2	0.0	20.5	35
04/07/2024 02:50	8.9	109	11	14.8	0.0	20.3	34
04/07/2024 03:00	8.8	109	11	14.1	0.0	20.3	36
04/07/2024 03:10	9.5	108	12	14.3	0.0	20.2	35
04/07/2024 03:20	9.0	105	11	13.6	0.0	20.1	36
04/07/2024 03:30	9.6	108	12	14.0	0.0	19.9	36
04/07/2024 03:40	10.4	108	10	15.6	0.0	19.7	35
04/07/2024 03:50	9.7	106	11	14.7	0.0	19.6	37
04/07/2024 04:00	9.3	107	10	14.7	0.0	19.5	36
04/07/2024 04:10	9.2	109	11	13.3	0.0	19.4	37
04/07/2024 04:20	10.3	109	10	14.3	0.0	19.2	34
04/07/2024 04:30	9.8	107	9	15.9	0.0	19.1	36
04/07/2024 04:40	8.9	109	11	13.0	0.0	19.0	36
04/07/2024 04:50	9.1	109	12	13.7	0.0	18.9	36
04/07/2024 05:00	9.5	110	11	15.6	0.0	18.8	36
04/07/2024 05:10	10.1	109	10	14.8	0.0	18.6	35
04/07/2024 05:20	10.3	109	11	15.4	0.0	18.5	36
04/07/2024 05:30	10.6	111	11	15.5	0.0	18.4	36
04/07/2024 05:40	10.0	111	10	15.0	0.0	18.3	36
04/07/2024 05:50	10.3	109	9	14.1	0.0	18.2	36
04/07/2024 06:00	10.2	109	10	15.3	0.0	18.2	37
04/07/2024 06:10	10.0	110	10	14.6	0.0	18.0	36
04/07/2024 06:20	9.5	109	12	14.3	0.0	18.0	35
04/07/2024 06:30	10.0	109	11	14.4	0.0	17.9	36
04/07/2024 06:40	8.8	109	11	14.7	0.0	17.9	36
04/07/2024 06:50	10.4	112	11	14.8	0.0	17.7	34
04/07/2024 07:00	9.5	111	13	14.8	0.0	17.6	33
04/07/2024 07:10	10.9	112	10	15.9	0.0	17.6	33
04/07/2024 07:20	9.5	109	10	14.3	0.0	17.6	35
04/07/2024 07:30	8.8	110	11	12.3	0.0	17.6	36
04/07/2024 07:40	10.3	110	11	15.3	0.0	17.5	35
04/07/2024 07:50	10.9	110	8	16.3	0.0	17.6	36
04/07/2024 08:00	11.0	109	9	16.5	0.0	17.6	36
04/07/2024 08:10	10.8	108	11	16.5	0.0	17.6	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/07/2024 08:20	10.7	108	10	15.7	0.0	17.7	37
04/07/2024 08:30	10.9	108	10	15.4	0.0	17.7	36
04/07/2024 08:40	10.6	106	10	14.6	0.0	17.8	36
04/07/2024 08:50	11.1	108	10	16.5	0.0	17.8	35
04/07/2024 09:00	10.9	108	9	15.1	0.0	17.8	35
04/07/2024 09:10	9.7	105	11	15.9	0.0	18.1	36
04/07/2024 09:20	10.0	107	11	14.3	0.0	18.3	36
04/07/2024 09:30	9.3	106	10	13.1	0.0	18.3	36
04/07/2024 09:40	10.0	109	10	14.1	0.0	18.4	34
04/07/2024 09:50	10.3	108	10	14.4	0.0	18.4	34
04/07/2024 10:00	9.4	108	10	15.0	0.0	18.8	35
04/07/2024 10:10	9.3	107	10	13.3	0.0	18.8	33
04/07/2024 10:20	9.8	108	11	14.6	0.0	19.0	33
04/07/2024 10:30	9.4	107	9	14.2	0.0	19.1	34
04/07/2024 10:40	9.3	108	10	13.5	0.0	19.2	34
04/07/2024 10:50	10.0	110	10	15.2	0.0	19.3	33
04/07/2024 11:00	9.4	109	10	12.7	0.0	19.6	34
04/07/2024 11:10	9.1	109	11	12.7	0.0	19.6	33
04/07/2024 11:20	9.1	108	10	12.7	0.0	19.8	33
04/07/2024 11:30	8.3	107	11	12.2	0.0	20.0	32
04/07/2024 11:40	7.8	103	13	11.5	0.0	20.7	32
04/07/2024 11:50	8.3	103	12	12.0	0.0	20.7	32
04/07/2024 12:00	8.3	106	12	13.7	0.0	20.6	32
04/07/2024 12:10	7.8	106	11	11.8	0.0	20.8	32
04/07/2024 12:20	7.4	104	13	10.7	0.0	21.1	32
04/07/2024 12:30	7.8	106	12	13.0	0.0	21.1	32
04/07/2024 12:40	8.0	105	14	12.4	0.0	21.2	31
04/07/2024 12:50	8.3	110	10	12.2	0.0	21.1	30
04/07/2024 13:00	7.8	111	10	11.0	0.0	21.1	30
04/07/2024 13:10	7.4	111	10	11.0	0.0	21.4	31
04/07/2024 13:20	7.6	109	10	11.5	0.0	21.5	31
04/07/2024 13:30	6.8	106	13	9.5	0.0	21.9	30
04/07/2024 13:40	6.3	104	13	9.0	0.0	22.0	31
04/07/2024 13:50	6.1	110	12	8.7	0.0	22.1	29
04/07/2024 14:00	6.1	105	12	8.7	0.0	22.4	29
04/07/2024 14:10	6.6	111	10	8.8	0.0	22.2	29
04/07/2024 14:20	6.0	102	14	9.4	0.0	22.5	29
04/07/2024 14:30	5.5	104	14	8.3	0.0	22.5	30
04/07/2024 14:40	5.8	110	13	8.2	0.0	22.5	28
04/07/2024 14:50	6.3	96	10	8.9	0.0	22.5	31
04/07/2024 15:00	6.0	95	10	8.4	0.0	22.7	30
04/07/2024 15:10	6.7	87	8	9.0	0.0	22.3	33
04/07/2024 15:20	6.6	85	8	9.0	0.0	22.2	33
04/07/2024 15:30	6.0	84	7	7.8	0.0	22.4	31
04/07/2024 15:40	5.6	83	8	7.8	0.0	22.4	32
04/07/2024 15:50	6.0	85	8	8.3	0.0	22.4	31
04/07/2024 16:00	5.7	81	8	7.9	0.0	22.5	29
04/07/2024 16:10	5.6	82	7	7.8	0.0	22.3	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/07/2024 16:20	5.2	83	9	7.1	0.0	22.3	31
04/07/2024 16:30	5.2	83	8	7.4	0.0	22.3	30
04/07/2024 16:40	5.2	83	8	7.2	0.0	22.2	30
04/07/2024 16:50	5.5	82	7	7.1	0.0	22.1	31
04/07/2024 17:00	4.8	82	6	6.6	0.0	21.9	31
04/07/2024 17:10	4.5	81	8	6.4	0.0	21.8	33
04/07/2024 17:20	4.7	75	9	6.3	0.0	21.4	35
04/07/2024 17:30	4.3	77	7	5.9	0.0	21.1	36
04/07/2024 17:40	4.1	77	6	5.7	0.0	21.0	37
04/07/2024 17:50	4.0	76	6	5.6	0.0	20.8	37
04/07/2024 18:00	4.1	78	7	5.3	0.0	20.7	38
04/07/2024 18:10	4.1	74	7	5.4	0.0	20.6	41
04/07/2024 18:20	3.9	72	7	5.2	0.0	20.4	40
04/07/2024 18:30	3.9	74	6	5.2	0.0	20.4	40
04/07/2024 18:40	3.5	76	6	4.5	0.0	20.4	41
04/07/2024 18:50	3.7	78	6	5.1	0.0	20.3	42
04/07/2024 19:00	3.4	75	6	4.6	0.0	20.4	41
04/07/2024 19:10	3.3	73	5	4.1	0.0	20.1	45
04/07/2024 19:20	2.9	77	5	3.8	0.0	19.7	46
04/07/2024 19:30	2.0	86	11	2.8	0.0	19.5	47
04/07/2024 19:40	1.7	87	11	2.5	0.0	19.2	48
04/07/2024 19:50	1.6	96	16	2.8	0.0	19.1	48
04/07/2024 20:00	1.7	92	16	3.2	0.0	19.0	48
04/07/2024 20:10	3.1	113	13	5.2	0.0	19.7	41
04/07/2024 20:20	3.0	110	13	4.9	0.0	20.4	37
04/07/2024 20:30	3.3	111	13	5.4	0.0	20.4	34
04/07/2024 20:40	3.4	105	13	5.4	0.0	20.3	36
04/07/2024 20:50	2.9	99	12	4.7	0.0	20.1	37
04/07/2024 21:00	3.3	103	12	5.2	0.0	20.2	37
04/07/2024 21:10	3.9	102	13	5.5	0.0	20.4	36
04/07/2024 21:20	4.3	106	12	6.7	0.0	20.6	35
04/07/2024 21:30	5.2	113	9	7.5	0.0	20.6	38
04/07/2024 21:40	5.1	113	9	7.1	0.0	20.4	37
04/07/2024 21:50	4.8	113	10	7.0	0.0	20.1	37
04/07/2024 22:00	4.6	112	10	6.3	0.0	19.9	39
04/07/2024 22:10	4.9	114	10	7.0	0.0	19.7	40
04/07/2024 22:20	5.1	113	9	6.8	0.0	19.7	39
04/07/2024 22:30	4.7	110	11	7.0	0.0	19.6	39
04/07/2024 22:40	5.6	113	10	8.1	0.0	19.6	39
04/07/2024 22:50	5.1	113	9	7.4	0.0	19.4	42
04/07/2024 23:00	5.8	114	10	8.7	0.0	19.5	41
04/07/2024 23:10	6.3	112	11	9.5	0.0	19.5	42
04/07/2024 23:20	7.7	111	9	11.4	0.0	19.6	41
04/07/2024 23:30	7.6	112	11	11.2	0.0	19.7	41
04/07/2024 23:40	7.6	110	10	10.6	0.0	19.5	41
04/07/2024 23:50	7.3	111	9	9.9	0.0	19.3	42
05/07/2024 00:00	6.4	112	9	9.4	0.0	19.1	43
05/07/2024 00:10	6.2	111	11	9.9	0.0	19.1	42



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/07/2024 00:20	6.1	110	11	10.2	0.0	19.1	42
05/07/2024 00:30	5.3	112	12	8.9	0.0	18.9	44
05/07/2024 00:40	5.9	111	11	9.6	0.0	18.7	43
05/07/2024 00:50	6.4	112	11	10.0	0.0	18.6	42
05/07/2024 01:00	5.6	114	13	9.9	0.0	18.5	43
05/07/2024 01:10	5.2	112	12	8.9	0.0	18.4	44
05/07/2024 01:20	5.7	110	12	9.3	0.0	18.3	45
05/07/2024 01:30	6.4	111	12	10.9	0.0	18.3	44
05/07/2024 01:40	6.6	111	11	10.4	0.0	18.3	45
05/07/2024 01:50	7.5	108	10	10.8	0.0	18.3	44
05/07/2024 02:00	8.4	110	11	11.7	0.0	18.2	42
05/07/2024 02:10	8.0	110	11	12.3	0.0	18.1	44
05/07/2024 02:20	8.4	112	11	12.9	0.0	18.1	43
05/07/2024 02:30	8.5	110	11	12.9	0.0	17.9	43
05/07/2024 02:40	7.6	109	10	11.0	0.0	17.9	44
05/07/2024 02:50	8.5	109	10	13.1	0.0	17.8	44
05/07/2024 03:00	8.6	109	11	12.3	0.0	17.7	44
05/07/2024 03:10	9.0	110	9	13.3	0.0	17.6	43
05/07/2024 03:20	9.3	110	10	13.2	0.0	17.6	43
05/07/2024 03:30	8.9	109	10	13.4	0.0	17.4	43
05/07/2024 03:40	9.0	111	11	13.2	0.0	17.3	43
05/07/2024 03:50	9.5	110	10	14.4	0.0	17.2	43
05/07/2024 04:00	8.6	110	11	12.5	0.0	17.1	45
05/07/2024 04:10	9.2	110	9	13.1	0.0	17.1	44
05/07/2024 04:20	8.5	109	10	12.8	0.0	16.8	45
05/07/2024 04:30	8.1	108	10	11.8	0.0	16.8	45
05/07/2024 04:40	9.6	111	10	14.4	0.0	16.7	45
05/07/2024 04:50	8.7	110	9	12.4	0.0	16.5	45
05/07/2024 05:00	9.1	109	9	13.6	0.0	16.4	46
05/07/2024 05:10	9.6	111	9	13.5	0.0	16.2	46
05/07/2024 05:20	9.6	110	9	13.6	0.0	16.3	47
05/07/2024 05:30	9.9	109	11	14.5	0.0	16.2	48
05/07/2024 05:40	9.8	111	9	14.1	0.0	16.1	49
05/07/2024 05:50	10.0	110	9	14.0	0.0	16.1	48
05/07/2024 06:00	9.7	108	10	15.6	0.0	16.1	48
05/07/2024 06:10	8.8	109	10	13.1	0.0	15.9	49
05/07/2024 06:20	8.2	109	10	12.3	0.0	15.9	50
05/07/2024 06:30	7.9	108	12	12.8	0.0	15.9	49
05/07/2024 06:40	7.6	108	12	11.1	0.0	15.9	48
05/07/2024 06:50	8.2	109	10	12.9	0.0	15.8	48
05/07/2024 07:00	9.0	110	10	13.1	0.0	15.6	48
05/07/2024 07:10	8.0	109	11	12.1	0.0	15.5	49
05/07/2024 07:20	8.1	111	11	12.5	0.0	15.4	49
05/07/2024 07:30	8.4	110	9	11.6	0.0	15.5	50
05/07/2024 07:40	7.9	109	10	14.0	0.0	15.7	50
05/07/2024 07:50	9.1	112	9	13.1	0.0	15.7	48
05/07/2024 08:00	8.9	111	10	13.0	0.0	15.7	48
05/07/2024 08:10	8.9	109	9	12.3	0.0	15.7	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/07/2024 08:20	9.0	108	10	12.9	0.0	15.9	49
05/07/2024 08:30	9.0	108	10	12.9	0.0	16.1	48
05/07/2024 08:40	8.9	103	12	13.0	0.0	16.4	48
05/07/2024 08:50	8.0	104	11	11.8	0.0	16.5	46
05/07/2024 09:00	9.6	107	12	13.9	0.0	16.4	46
05/07/2024 09:10	8.2	102	12	11.9	0.0	16.8	46
05/07/2024 09:20	8.8	109	12	12.6	0.0	16.9	45
05/07/2024 09:30	9.1	98	11	14.4	0.0	17.1	44
05/07/2024 09:40	9.6	94	10	13.3	0.0	17.2	42
05/07/2024 09:50	8.6	97	11	14.4	0.0	17.4	43
05/07/2024 10:00	10.4	90	6	13.8	0.0	17.1	41
05/07/2024 10:10	9.3	93	10	14.0	0.0	17.4	43
05/07/2024 10:20	9.8	92	9	14.0	0.0	17.6	42
05/07/2024 10:30	8.5	96	11	12.7	0.0	17.8	43
05/07/2024 10:40	8.1	101	13	12.2	0.0	18.0	43
05/07/2024 10:50	8.4	96	11	12.3	0.0	18.1	42
05/07/2024 11:00	7.9	101	12	11.5	0.0	18.2	43
05/07/2024 11:10	8.1	96	11	13.2	0.0	18.3	42
05/07/2024 11:20	8.2	95	12	12.6	0.0	18.4	41
05/07/2024 11:30	8.2	90	10	11.7	0.0	18.7	39
05/07/2024 11:40	8.6	92	10	13.0	0.0	18.7	41
05/07/2024 11:50	7.9	95	12	11.6	0.0	18.7	41
05/07/2024 12:00	8.1	94	12	11.7	0.0	18.9	42
05/07/2024 12:10	8.5	89	7	11.8	0.0	18.6	40
05/07/2024 12:20	7.5	99	14	11.5	0.0	18.9	40
05/07/2024 12:30	7.8	91	12	11.3	0.0	18.9	39
05/07/2024 12:40	8.1	88	7	11.3	0.0	18.7	39
05/07/2024 12:50	7.0	84	9	10.3	0.0	19.1	37
05/07/2024 13:00	7.2	81	8	10.1	0.0	19.0	37
05/07/2024 13:10	7.7	85	9	10.9	0.0	19.0	37
05/07/2024 13:20	7.1	81	9	10.7	0.0	19.2	37
05/07/2024 13:30	7.3	76	8	10.2	0.0	19.2	37
05/07/2024 13:40	7.6	72	7	10.6	0.0	19.0	38
05/07/2024 13:50	8.1	74	6	10.2	0.0	18.7	39
05/07/2024 14:00	6.8	78	7	9.0	0.0	19.0	39
05/07/2024 14:10	7.6	75	6	9.2	0.0	18.9	39
05/07/2024 14:20	7.4	78	9	10.1	0.0	19.2	39
05/07/2024 14:30	7.5	79	8	10.3	0.0	19.3	38
05/07/2024 14:40	7.8	80	8	10.7	0.0	19.4	38
05/07/2024 14:50	6.8	78	9	9.3	0.0	19.3	38
05/07/2024 15:00	7.3	79	7	10.7	0.0	19.6	37
05/07/2024 15:10	6.8	77	10	9.1	0.0	19.7	36
05/07/2024 15:20	6.9	79	8	9.2	0.0	19.7	37
05/07/2024 15:30	6.6	79	7	9.7	0.0	19.8	37
05/07/2024 15:40	6.8	78	9	9.0	0.0	19.6	37
05/07/2024 15:50	6.7	77	8	8.5	0.0	19.6	37
05/07/2024 16:00	6.1	79	8	8.0	0.0	19.6	38
05/07/2024 16:10	6.2	79	7	8.2	0.0	19.7	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/07/2024 16:20	6.0	79	9	8.0	0.0	19.6	37
05/07/2024 16:30	5.7	80	8	8.1	0.0	19.7	37
05/07/2024 16:40	6.0	76	7	8.4	0.0	19.7	37
05/07/2024 16:50	5.9	76	7	8.0	0.0	19.6	38
05/07/2024 17:00	5.6	76	8	7.2	0.0	19.6	37
05/07/2024 17:10	5.0	72	8	7.4	0.0	19.6	38
05/07/2024 17:20	5.1	77	7	7.2	0.0	19.5	38
05/07/2024 17:30	5.2	73	7	6.6	0.0	19.3	38
05/07/2024 17:40	4.9	73	6	6.7	0.0	19.2	39
05/07/2024 17:50	4.6	73	7	6.0	0.0	19.2	40
05/07/2024 18:00	4.8	72	5	6.4	0.0	19.1	39
05/07/2024 18:10	4.4	74	6	5.7	0.0	19.0	40
05/07/2024 18:20	4.0	76	6	5.3	0.0	19.0	41
05/07/2024 18:30	4.2	77	6	5.4	0.0	19.0	41
05/07/2024 18:40	4.6	77	6	6.3	0.0	19.1	41
05/07/2024 18:50	4.1	79	7	5.6	0.0	19.2	41
05/07/2024 19:00	4.1	77	6	5.3	0.0	19.1	42
05/07/2024 19:10	4.2	78	6	5.1	0.0	19.1	42
05/07/2024 19:20	3.9	77	6	5.0	0.0	19.0	42
05/07/2024 19:30	3.6	79	7	5.2	0.0	19.0	42
05/07/2024 19:40	3.2	83	9	4.7	0.0	18.7	44
05/07/2024 19:50	3.2	86	10	4.7	0.0	18.7	45
05/07/2024 20:00	3.0	99	14	4.9	0.0	18.8	44
05/07/2024 20:10	3.9	108	13	6.0	0.0	19.4	38
05/07/2024 20:20	4.3	108	12	6.8	0.0	19.5	36
05/07/2024 20:30	4.3	111	12	6.6	0.0	19.5	37
05/07/2024 20:40	4.1	110	11	6.0	0.0	19.4	38
05/07/2024 20:50	3.9	113	10	6.1	0.0	19.3	38
05/07/2024 21:00	4.7	112	10	6.7	0.0	19.4	38
05/07/2024 21:10	5.5	112	9	7.5	0.0	19.3	38
05/07/2024 21:20	4.5	111	11	7.6	0.0	19.2	39
05/07/2024 21:30	5.3	114	10	7.4	0.0	18.9	42
05/07/2024 21:40	5.4	113	9	7.5	0.0	18.8	40
05/07/2024 21:50	4.9	110	12	7.3	0.0	18.9	40
05/07/2024 22:00	4.5	112	10	7.4	0.0	18.9	41
05/07/2024 22:10	5.2	114	11	7.6	0.0	18.8	42
05/07/2024 22:20	4.5	111	11	6.6	0.0	18.7	42
05/07/2024 22:30	4.9	113	11	7.6	0.0	18.8	41
05/07/2024 22:40	5.1	114	10	7.5	0.0	18.7	42
05/07/2024 22:50	5.5	114	9	8.2	0.0	18.5	43
05/07/2024 23:00	5.5	113	9	7.6	0.0	18.3	42
05/07/2024 23:10	5.7	112	9	7.9	0.0	18.4	41
05/07/2024 23:20	5.5	112	9	8.0	0.0	18.3	42
05/07/2024 23:30	6.1	114	9	8.0	0.0	18.4	41
05/07/2024 23:40	5.5	111	10	8.8	0.0	18.3	42
05/07/2024 23:50	5.4	111	12	8.2	0.0	18.3	42
06/07/2024 00:00	5.3	112	11	7.6	0.0	18.3	42
06/07/2024 00:10	5.2	113	9	7.4	0.0	18.1	42



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2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/07/2024 00:20	4.9	114	10	7.3	0.0	18.0	43
06/07/2024 00:30	3.6	130	20	6.1	0.0	17.3	45
06/07/2024 00:40	3.6	115	11	6.0	0.0	17.0	46
06/07/2024 00:50	3.9	112	10	6.2	0.0	17.0	45
06/07/2024 01:00	4.7	114	11	6.9	0.0	17.2	42
06/07/2024 01:10	5.5	111	10	7.7	0.0	17.2	42
06/07/2024 01:20	5.4	112	10	7.7	0.0	17.2	42
06/07/2024 01:30	5.7	114	10	8.4	0.0	17.2	41
06/07/2024 01:40	4.7	108	12	7.0	0.0	17.1	42
06/07/2024 01:50	4.5	105	13	6.6	0.0	17.2	40
06/07/2024 02:00	4.7	106	14	7.7	0.0	17.1	40
06/07/2024 02:10	5.1	106	12	8.0	0.0	17.1	40
06/07/2024 02:20	5.7	111	10	8.4	0.0	17.0	41
06/07/2024 02:30	5.0	110	12	8.1	0.0	16.9	43
06/07/2024 02:40	5.3	112	12	7.9	0.0	16.9	43
06/07/2024 02:50	5.7	112	10	8.6	0.0	16.7	44
06/07/2024 03:00	5.4	108	13	8.1	0.0	16.8	43
06/07/2024 03:10	6.1	110	11	8.9	0.0	16.8	43
06/07/2024 03:20	5.5	106	13	8.2	0.0	16.8	44
06/07/2024 03:30	5.6	105	14	8.5	0.0	16.8	45
06/07/2024 03:40	5.7	107	12	8.7	0.0	16.8	45
06/07/2024 03:50	5.8	110	12	9.2	0.0	16.7	45
06/07/2024 04:00	5.4	108	11	8.5	0.0	16.7	47
06/07/2024 04:10	5.5	105	12	8.5	0.0	16.6	47
06/07/2024 04:20	5.8	108	13	9.2	0.0	16.5	47
06/07/2024 04:30	5.9	103	13	8.5	0.0	16.4	47
06/07/2024 04:40	5.4	101	12	8.1	0.0	16.3	47
06/07/2024 04:50	5.2	102	13	8.4	0.0	16.1	48
06/07/2024 05:00	5.3	101	12	7.5	0.0	16.1	47
06/07/2024 05:10	5.9	94	9	8.8	0.0	16.1	47
06/07/2024 05:20	6.3	92	8	8.7	0.0	16.0	46
06/07/2024 05:30	5.9	93	9	9.1	0.0	16.0	46
06/07/2024 05:40	5.5	95	11	8.5	0.0	15.9	46
06/07/2024 05:50	6.3	93	8	9.2	0.0	16.0	45
06/07/2024 06:00	6.2	95	9	8.9	0.0	16.1	44
06/07/2024 06:10	5.8	98	11	9.0	0.0	16.1	45
06/07/2024 06:20	5.6	99	13	8.6	0.0	15.9	44
06/07/2024 06:30	5.5	105	12	8.5	0.0	15.8	45
06/07/2024 06:40	6.4	115	9	8.9	0.0	15.4	44
06/07/2024 06:50	6.2	113	9	9.4	0.0	15.4	44
06/07/2024 07:00	6.2	111	10	8.5	0.0	15.4	44
06/07/2024 07:10	5.5	113	11	8.1	0.0	15.4	44
06/07/2024 07:20	5.8	113	8	8.0	0.0	15.3	45
06/07/2024 07:30	6.2	114	9	8.5	0.0	15.2	43
06/07/2024 07:40	5.7	110	9	8.3	0.0	15.3	44
06/07/2024 07:50	6.1	111	9	9.1	0.0	15.4	43
06/07/2024 08:00	6.6	113	10	8.9	0.0	15.5	42
06/07/2024 08:10	6.7	111	8	9.0	0.0	15.6	41



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2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/07/2024 08:20	6.5	112	9	9.4	0.0	15.7	41
06/07/2024 08:30	5.9	110	9	8.4	0.0	15.9	43
06/07/2024 08:40	5.9	110	11	8.8	0.0	16.1	41
06/07/2024 08:50	6.6	111	10	9.4	0.0	16.2	39
06/07/2024 09:00	6.3	110	10	9.2	0.0	16.6	38
06/07/2024 09:10	6.9	106	12	10.3	0.0	16.9	37
06/07/2024 09:20	7.6	91	10	10.0	0.0	17.2	35
06/07/2024 09:30	6.9	96	12	10.9	0.0	17.4	35
06/07/2024 09:40	7.1	93	10	10.0	0.0	17.5	36
06/07/2024 09:50	7.9	92	10	11.7	0.0	17.4	37
06/07/2024 10:00	7.7	91	7	10.0	0.0	17.3	38
06/07/2024 10:10	7.5	91	8	10.5	0.0	17.5	39
06/07/2024 10:20	7.4	94	11	11.2	0.0	17.7	41
06/07/2024 10:30	7.9	90	8	10.8	0.0	17.8	39
06/07/2024 10:40	7.8	86	9	10.6	0.0	17.8	39
06/07/2024 10:50	7.1	89	8	9.6	0.0	18.4	38
06/07/2024 11:00	7.8	90	7	10.6	0.0	18.1	39
06/07/2024 11:10	6.9	89	9	10.6	0.0	18.7	39
06/07/2024 11:20	6.8	87	10	10.2	0.0	19.1	37
06/07/2024 11:30	7.5	86	10	10.7	0.0	19.1	36
06/07/2024 11:40	7.5	86	9	10.3	0.0	19.1	35
06/07/2024 11:50	8.0	87	9	12.3	0.0	19.0	37
06/07/2024 12:00	7.6	88	8	10.4	0.0	19.1	37
06/07/2024 12:10	7.1	88	8	9.4	0.0	19.3	37
06/07/2024 12:20	7.0	87	7	9.7	0.0	19.4	37
06/07/2024 12:30	6.9	87	9	9.6	0.0	19.5	38
06/07/2024 12:40	7.1	87	8	9.9	0.0	19.5	37
06/07/2024 12:50	6.8	87	8	10.1	0.0	19.7	37
06/07/2024 13:00	6.8	88	8	9.7	0.0	19.8	37
06/07/2024 13:10	6.8	85	7	9.3	0.0	19.8	36
06/07/2024 13:20	6.3	88	10	8.7	0.0	20.0	34
06/07/2024 13:30	6.6	86	8	9.4	0.0	20.1	33
06/07/2024 13:40	6.6	87	9	8.9	0.0	19.8	33
06/07/2024 13:50	6.7	84	7	8.8	0.0	19.8	32
06/07/2024 14:00	6.7	85	7	9.0	0.0	19.8	32
06/07/2024 14:10	6.4	84	7	8.7	0.0	20.0	31
06/07/2024 14:20	5.9	84	8	8.8	0.0	20.0	31
06/07/2024 14:30	6.2	84	10	8.1	0.0	20.0	31
06/07/2024 14:40	5.6	80	9	7.7	0.0	20.3	29
06/07/2024 14:50	5.9	83	7	8.1	0.0	20.1	28
06/07/2024 15:00	5.8	76	10	7.9	0.0	20.1	30
06/07/2024 15:10	5.7	78	9	7.6	0.0	20.2	31
06/07/2024 15:20	5.8	74	9	7.5	0.0	20.0	31
06/07/2024 15:30	5.4	79	10	7.3	0.0	20.3	29
06/07/2024 15:40	5.7	71	7	7.2	0.0	19.9	30
06/07/2024 15:50	5.4	79	7	7.1	0.0	19.9	31
06/07/2024 16:00	5.2	79	7	6.9	0.0	20.1	30
06/07/2024 16:10	4.7	79	10	6.4	0.0	20.2	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/07/2024 16:20	5.2	82	7	6.6	0.0	20.1	32
06/07/2024 16:30	5.0	82	6	6.8	0.0	20.1	32
06/07/2024 16:40	5.1	74	6	6.3	0.0	19.9	32
06/07/2024 16:50	4.5	75	6	5.8	0.0	20.0	33
06/07/2024 17:00	5.0	80	6	6.6	0.0	20.0	33
06/07/2024 17:10	4.6	78	7	6.0	0.0	19.9	34
06/07/2024 17:20	4.0	61	8	5.1	0.0	19.7	36
06/07/2024 17:30	3.9	61	7	5.5	0.0	19.4	37
06/07/2024 17:40	3.3	56	5	4.4	0.0	18.9	40
06/07/2024 17:50	3.1	58	5	4.1	0.0	18.6	42
06/07/2024 18:00	2.8	54	4	3.4	0.0	18.3	43
06/07/2024 18:10	2.5	52	3	3.0	0.0	18.0	45
06/07/2024 18:20	2.7	50	2	3.0	0.0	17.8	46
06/07/2024 18:30	2.7	48	2	3.0	0.0	17.8	47
06/07/2024 18:40	2.6	49	2	2.9	0.0	17.8	47
06/07/2024 18:50	2.7	49	2	3.0	0.0	17.6	49
06/07/2024 19:00	3.0	50	3	3.2	0.0	17.3	51
06/07/2024 19:10	3.0	49	1	3.2	0.0	17.1	52
06/07/2024 19:20	3.2	47	1	3.5	0.0	17.0	51
06/07/2024 19:30	2.9	46	2	3.2	0.0	17.2	50
06/07/2024 19:40	2.3	40	3	2.7	0.0	17.1	51
06/07/2024 19:50	2.4	40	4	3.0	0.0	17.1	51
06/07/2024 20:00	2.2	35	3	2.5	0.0	16.9	51
06/07/2024 20:10	2.1	32	4	2.5	0.0	17.2	50
06/07/2024 20:20	1.9	32	4	2.2	0.0	17.0	50
06/07/2024 20:30	1.7	35	5	2.1	0.0	16.7	51
06/07/2024 20:40	1.2	50	6	1.5	0.0	16.7	50
06/07/2024 20:50	0.8	71	7	1.1	0.0	16.4	52
06/07/2024 21:00	0.7	188	24	1.1	0.0	16.5	53
06/07/2024 21:10	0.7	291	43	1.1	0.0	16.9	51
06/07/2024 21:20	1.1	9	6	1.2	0.0	17.6	48
06/07/2024 21:30	1.4	37	5	1.6	0.0	17.5	48
06/07/2024 21:40	0.5	124	31	0.8	0.0	16.8	51
06/07/2024 21:50	0.4	346	34	0.6	0.0	16.4	53
06/07/2024 22:00	1.2	29	5	1.4	0.0	17.2	50
06/07/2024 22:10	1.1	45	4	1.3	0.0	17.0	51
06/07/2024 22:20	0.8	196	19	1.1	0.0	16.6	54
06/07/2024 22:30	0.3	288	32	0.4	0.0	15.4	59
06/07/2024 22:40	0.4	181	22	0.5	0.0	15.7	56
06/07/2024 22:50	0.2	208	89	0.4	0.0	16.3	56
06/07/2024 23:00	0.3	18	30	0.5	0.0	16.4	56
06/07/2024 23:10	0.7	91	14	1.1	0.0	15.8	57
06/07/2024 23:20	0.7	40	12	0.9	0.0	15.9	57
06/07/2024 23:30	0.8	39	8	1.1	0.0	16.4	56
06/07/2024 23:40	0.8	39	9	1.1	0.0	16.7	59
06/07/2024 23:50	1.1	34	7	1.5	0.0	16.7	65
07/07/2024 00:00	1.2	45	5	1.6	0.0	16.1	69
07/07/2024 00:10	0.7	33	45	1.5	0.0	15.5	73



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/07/2024 00:20	0.7	46	16	1.3	0.0	15.6	74
07/07/2024 00:30	0.5	42	32	0.9	0.0	15.3	75
07/07/2024 00:40	0.9	29	15	1.4	0.0	15.3	76
07/07/2024 00:50	0.3	87	36	0.7	0.0	15.2	77
07/07/2024 01:00	0.3	97	54	1.0	0.0	15.3	76
07/07/2024 01:10	0.7	66	32	2.0	0.0	15.5	76
07/07/2024 01:20	0.4	84	69	1.0	0.0	15.6	75
07/07/2024 01:30	0.4	96	66	1.1	0.0	15.5	75
07/07/2024 01:40	1.1	54	38	2.0	0.0	15.0	77
07/07/2024 01:50	0.6	51	42	1.3	0.0	15.1	77
07/07/2024 02:00	0.7	47	34	1.3	0.0	14.7	77
07/07/2024 02:10	0.5	61	49	1.4	0.0	14.5	78
07/07/2024 02:20	0.8	131	39	1.3	0.0	14.2	79
07/07/2024 02:30	0.4	101	74	0.9	0.0	14.6	78
07/07/2024 02:40	0.5	70	30	1.1	0.0	14.5	77
07/07/2024 02:50	0.6	66	26	1.1	0.0	14.3	77
07/07/2024 03:00	0.7	59	24	1.3	0.0	14.9	75
07/07/2024 03:10	0.7	55	30	1.3	0.0	15.1	73
07/07/2024 03:20	0.9	55	17	1.5	0.0	14.9	73
07/07/2024 03:30	0.9	52	20	1.6	0.0	14.7	72
07/07/2024 03:40	0.5	210	52	1.3	0.0	14.8	70
07/07/2024 03:50	0.7	16	28	1.4	0.0	15.3	66
07/07/2024 04:00	0.6	330	24	0.9	0.0	15.2	65
07/07/2024 04:10	1.1	49	9	1.5	0.0	15.0	65
07/07/2024 04:20	1.5	56	5	1.9	0.0	15.0	63
07/07/2024 04:30	1.2	43	28	1.7	0.0	14.7	63
07/07/2024 04:40	0.7	21	49	1.8	0.0	15.0	60
07/07/2024 04:50	1.1	60	33	2.3	0.0	15.4	56
07/07/2024 05:00	0.6	70	44	1.5	0.0	15.4	54
07/07/2024 05:10	0.7	178	28	1.5	0.0	15.4	54
07/07/2024 05:20	0.5	168	64	1.7	0.0	15.3	53
07/07/2024 05:30	0.4	242	68	0.8	0.0	15.0	54
07/07/2024 05:40	0.6	192	58	1.7	0.0	14.4	56
07/07/2024 05:50	1.3	62	25	2.3	0.0	14.8	54
07/07/2024 06:00	1.4	57	21	2.3	0.0	15.1	52
07/07/2024 06:10	0.9	58	38	1.9	0.0	15.1	52
07/07/2024 06:20	0.4	141	73	1.1	0.0	14.3	56
07/07/2024 06:30	0.4	177	66	0.9	0.0	13.7	58
07/07/2024 06:40	0.5	239	72	1.5	0.0	13.4	60
07/07/2024 06:50	0.8	65	32	1.8	0.0	13.3	61
07/07/2024 07:00	1.9	58	5	2.3	0.0	12.8	65
07/07/2024 07:10	1.6	46	9	2.1	0.0	13.7	63
07/07/2024 07:20	1.7	42	13	2.3	0.0	14.6	63
07/07/2024 07:30	0.9	91	48	1.9	0.0	15.3	61
07/07/2024 07:40	0.9	82	40	1.7	0.0	16.1	59
07/07/2024 07:50	1.4	92	28	2.9	0.0	16.2	59
07/07/2024 08:00	2.8	104	19	4.5	0.0	16.4	58
07/07/2024 08:10	2.5	120	15	4.2	0.0	16.7	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/07/2024 08:20	2.5	124	15	3.7	0.0	17.0	52
07/07/2024 08:30	2.9	121	12	4.5	0.0	17.3	48
07/07/2024 08:40	2.6	129	16	4.1	0.0	17.6	46
07/07/2024 08:50	2.9	126	15	4.5	0.0	17.7	43
07/07/2024 09:00	3.2	125	15	5.0	0.0	17.7	41
07/07/2024 09:10	3.0	125	13	5.1	0.0	17.7	42
07/07/2024 09:20	3.1	122	14	4.9	0.0	17.6	42
07/07/2024 09:30	3.1	116	15	5.1	0.0	17.8	42
07/07/2024 09:40	3.1	119	14	4.7	0.0	18.0	44
07/07/2024 09:50	3.4	114	13	5.0	0.0	18.5	45
07/07/2024 10:00	4.8	95	12	6.8	0.0	19.8	36
07/07/2024 10:10	6.0	86	7	8.3	0.0	20.0	35
07/07/2024 10:20	5.7	90	11	7.7	0.0	20.1	38
07/07/2024 10:30	5.8	92	8	7.9	0.0	19.8	42
07/07/2024 10:40	5.8	88	8	7.8	0.0	20.2	42
07/07/2024 10:50	5.5	86	9	7.7	0.0	20.1	44
07/07/2024 11:00	5.0	94	14	7.2	0.0	20.2	45
07/07/2024 11:10	5.2	93	11	7.0	0.0	20.3	47
07/07/2024 11:20	5.1	93	13	7.3	0.0	20.6	47
07/07/2024 11:30	5.5	90	10	8.0	0.0	20.3	48
07/07/2024 11:40	5.5	90	10	7.6	0.0	20.5	47
07/07/2024 11:50	5.3	93	11	7.2	0.0	20.5	47
07/07/2024 12:00	5.4	94	13	8.0	0.0	20.4	47
07/07/2024 12:10	5.3	95	13	7.4	0.0	20.6	46
07/07/2024 12:20	4.7	98	16	6.7	0.0	20.3	47
07/07/2024 12:30	4.9	92	16	6.6	0.0	20.4	47
07/07/2024 12:40	4.7	99	17	6.4	0.0	20.4	47
07/07/2024 12:50	4.6	94	12	7.0	0.0	20.6	46
07/07/2024 13:00	4.4	96	14	6.5	0.0	20.7	46
07/07/2024 13:10	4.4	92	14	6.2	0.0	20.9	45
07/07/2024 13:20	4.6	74	8	6.4	0.0	20.9	43
07/07/2024 13:30	4.1	69	8	5.6	0.0	21.0	43
07/07/2024 13:40	4.4	70	7	5.5	0.0	20.9	44
07/07/2024 13:50	4.1	76	10	5.2	0.0	21.3	44
07/07/2024 14:00	3.7	70	8	4.9	0.0	21.1	44
07/07/2024 14:10	3.4	68	9	4.8	0.0	21.3	41
07/07/2024 14:20	3.4	76	8	4.7	0.0	21.5	40
07/07/2024 14:30	3.0	71	17	4.5	0.0	22.1	38
07/07/2024 14:40	2.5	79	13	3.8	0.0	22.5	33
07/07/2024 14:50	2.2	96	29	3.5	0.0	22.8	33
07/07/2024 15:00	2.0	120	19	3.2	0.0	23.2	30
07/07/2024 15:10	2.3	113	17	3.7	0.0	23.0	32
07/07/2024 15:20	2.2	114	20	3.6	0.0	23.2	33
07/07/2024 15:30	2.0	94	27	3.5	0.0	23.1	35
07/07/2024 15:40	2.5	80	15	3.8	0.0	23.1	35
07/07/2024 15:50	2.7	73	10	3.7	0.0	22.9	35
07/07/2024 16:00	2.2	86	16	3.5	0.0	23.3	37
07/07/2024 16:10	2.3	57	16	3.3	0.0	22.9	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/07/2024 16:20	1.9	40	18	3.2	0.0	23.2	38
07/07/2024 16:30	2.4	38	11	3.4	0.0	22.9	41
07/07/2024 16:40	2.3	53	11	3.0	0.0	22.7	43
07/07/2024 16:50	2.3	70	8	3.0	0.0	22.5	43
07/07/2024 17:00	2.6	64	6	3.3	0.0	22.5	44
07/07/2024 17:10	2.6	53	7	3.5	0.0	21.8	49
07/07/2024 17:20	2.4	42	8	3.1	0.0	21.1	54
07/07/2024 17:30	3.2	43	5	4.1	0.0	20.4	56
07/07/2024 17:40	2.6	47	6	3.5	0.0	20.2	57
07/07/2024 17:50	2.4	44	5	3.1	0.0	20.0	57
07/07/2024 18:00	2.7	48	4	3.2	0.0	19.8	58
07/07/2024 18:10	2.7	44	4	3.3	0.0	19.6	61
07/07/2024 18:20	2.3	44	5	2.9	0.0	19.5	63
07/07/2024 18:30	2.5	42	4	3.1	0.0	19.4	62
07/07/2024 18:40	2.4	33	5	2.8	0.0	19.4	61
07/07/2024 18:50	2.4	36	4	2.9	0.0	19.5	57
07/07/2024 19:00	1.7	52	8	2.4	0.0	19.4	57
07/07/2024 19:10	0.5	125	37	1.0	0.0	19.1	64
07/07/2024 19:20	0.4	166	22	0.8	0.0	18.9	62
07/07/2024 19:30	0.4	310	17	0.7	0.0	19.1	55
07/07/2024 19:40	0.5	280	37	1.1	0.0	19.3	56
07/07/2024 19:50	0.6	265	9	1.0	0.0	19.3	55
07/07/2024 20:00	0.7	268	7	0.9	0.0	19.6	52
07/07/2024 20:10	0.5	285	21	0.8	0.0	19.6	52
07/07/2024 20:20	0.6	174	17	0.9	0.0	18.9	55
07/07/2024 20:30	1.0	37	12	1.4	0.0	18.9	54
07/07/2024 20:40	0.5	148	19	0.7	0.0	19.4	53
07/07/2024 20:50	0.8	266	9	1.0	0.0	19.1	57
07/07/2024 21:00	0.8	283	7	1.0	0.0	17.7	63
07/07/2024 21:10	0.4	280	34	0.7	0.0	17.8	62
07/07/2024 21:20	0.4	67	42	0.7	0.0	17.8	60
07/07/2024 21:30	0.9	68	8	1.2	0.0	17.9	58
07/07/2024 21:40	0.8	72	6	1.0	0.0	18.4	55
07/07/2024 21:50	0.7	66	5	0.9	0.0	18.9	53
07/07/2024 22:00	0.6	72	4	0.8	0.0	19.0	52
07/07/2024 22:10	0.9	44	9	1.2	0.0	18.7	54
07/07/2024 22:20	1.0	45	5	1.2	0.0	18.4	55
07/07/2024 22:30	0.5	75	12	0.7	0.0	17.7	59
07/07/2024 22:40	0.7	78	10	1.0	0.0	17.4	58
07/07/2024 22:50	0.3	89	21	0.5	0.0	17.4	59
07/07/2024 23:00	0.9	80	10	1.2	0.0	17.6	58
07/07/2024 23:10	1.2	71	10	1.4	0.0	17.1	60
07/07/2024 23:20	0.7	49	17	1.0	0.0	17.1	60
07/07/2024 23:30	0.5	70	11	0.7	0.0	17.9	55
07/07/2024 23:40	0.9	88	8	1.3	0.0	17.9	55
07/07/2024 23:50	0.4	185	26	0.7	0.0	17.3	58
08/07/2024 00:00	0.6	287	11	0.8	0.0	17.8	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/07/2023 00:10	1.2	87	19	1.8	0.0	17.9	47
08/07/2023 00:20	1.2	97	20	2.1	0.0	17.9	47
08/07/2023 00:30	1.4	141	33	2.8	0.0	17.9	43
08/07/2023 00:40	2.4	138	21	5.3	0.0	18.7	38
08/07/2023 00:50	2.1	125	21	3.9	0.0	18.5	40
08/07/2023 01:00	1.9	123	27	3.5	0.0	18.1	44
08/07/2023 01:10	1.9	102	17	3.2	0.0	17.7	49
08/07/2023 01:20	1.8	101	22	3.2	0.0	17.5	52
08/07/2023 01:30	2.2	100	17	4.0	0.0	17.4	54
08/07/2023 01:40	2.6	102	15	4.4	0.0	17.6	52
08/07/2023 01:50	2.3	106	20	3.5	0.0	17.6	51
08/07/2023 02:00	1.7	108	24	3.5	0.0	17.6	51
08/07/2023 02:10	1.5	100	32	3.4	0.0	17.3	50
08/07/2023 02:20	2.0	129	27	4.0	0.0	17.4	47
08/07/2023 02:30	2.5	136	21	4.2	0.0	17.6	45
08/07/2023 02:40	1.9	130	33	4.1	0.0	17.5	46
08/07/2023 02:50	2.1	124	24	4.6	0.0	17.5	46
08/07/2023 03:00	2.3	133	21	4.3	0.0	17.5	46
08/07/2023 03:10	2.2	128	27	4.1	0.0	17.5	43
08/07/2023 03:20	1.7	107	25	3.5	0.0	17.0	48
08/07/2023 03:30	1.5	111	34	3.4	0.0	16.8	53
08/07/2023 03:40	1.7	121	34	3.5	0.0	17.0	53
08/07/2023 03:50	2.3	124	25	4.6	0.0	17.3	52
08/07/2023 04:00	2.1	119	29	3.9	0.0	17.4	50
08/07/2023 04:10	2.4	125	33	4.8	0.0	17.4	51
08/07/2023 04:20	2.6	133	28	4.5	0.0	17.5	49
08/07/2023 04:30	2.9	130	25	6.6	0.0	17.5	47
08/07/2023 04:40	3.4	132	20	6.1	0.0	17.6	45
08/07/2023 04:50	3.7	137	15	6.1	0.0	17.7	44
08/07/2023 05:00	3.5	140	18	5.7	0.0	17.5	43
08/07/2023 05:10	3.6	136	15	6.6	0.0	17.4	43
08/07/2023 05:20	3.5	137	19	6.0	0.0	17.4	42
08/07/2023 05:30	3.4	143	16	5.8	0.0	17.5	42
08/07/2023 05:40	3.1	140	18	4.6	0.0	17.4	42
08/07/2023 05:50	3.6	140	18	6.1	0.0	17.3	42
08/07/2023 06:00	3.2	144	18	5.8	0.0	17.2	42
08/07/2023 06:10	2.9	147	15	4.9	0.0	17.0	43
08/07/2023 06:20	2.5	144	16	3.9	0.0	16.5	42
08/07/2023 06:30	2.2	145	17	3.8	0.0	16.2	44
08/07/2023 06:40	2.6	146	16	4.6	0.0	15.9	43
08/07/2023 06:50	3.0	147	16	5.4	0.0	15.7	42
08/07/2023 07:00	2.7	149	15	4.2	0.0	15.9	43
08/07/2023 07:10	3.4	142	15	6.0	0.0	16.1	44
08/07/2023 07:20	3.9	141	15	7.1	0.0	16.4	44
08/07/2023 07:30	3.9	142	17	6.5	0.0	16.7	43
08/07/2023 07:40	3.7	141	16	6.9	0.0	16.8	43
08/07/2023 07:50	3.6	137	15	6.0	0.0	16.9	43
08/07/2023 08:00	3.3	137	18	5.7	0.0	16.9	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/07/2023 08:10	3.4	136	15	6.0	0.0	17.1	45
08/07/2023 08:20	2.5	131	22	4.8	0.0	17.5	45
08/07/2023 08:30	2.7	127	23	5.0	0.0	17.8	45
08/07/2023 08:40	2.4	115	25	4.7	0.0	18.3	47
08/07/2023 08:50	2.8	109	17	4.9	0.0	18.8	45
08/07/2023 09:00	2.7	118	21	5.0	0.0	19.2	43
08/07/2023 09:10	3.2	111	17	5.6	0.0	19.6	44
08/07/2023 09:20	4.3	114	19	8.6	0.0	20.0	39
08/07/2023 09:30	4.5	113	21	8.5	0.0	20.2	37
08/07/2023 09:40	4.8	112	15	8.2	0.0	20.3	38
08/07/2023 09:50	5.7	108	12	10.1	0.0	20.4	39
08/07/2023 10:00	6.3	105	12	9.5	0.0	20.5	38
08/07/2023 10:10	6.5	106	11	10.3	0.0	20.7	39
08/07/2023 10:20	7.1	106	11	10.4	0.0	20.9	38
08/07/2023 10:30	6.4	106	11	9.9	0.0	21.2	38
08/07/2023 10:40	7.1	99	9	11.8	0.0	21.6	35
08/07/2023 10:50	7.4	100	9	10.6	0.0	21.5	36
08/07/2023 11:00	6.5	101	11	10.0	0.0	21.8	36
08/07/2023 11:10	6.3	104	11	9.1	0.0	22.2	33
08/07/2023 11:20	6.3	101	10	9.4	0.0	22.3	35
08/07/2023 11:30	6.9	102	10	10.7	0.0	22.7	33
08/07/2023 11:40	6.2	97	10	9.8	0.0	22.9	35
08/07/2023 11:50	6.4	101	11	9.1	0.0	23.1	34
08/07/2023 12:00	6.1	87	8	9.1	0.0	23.2	38
08/07/2023 12:10	6.8	90	10	9.0	0.0	23.2	36
08/07/2023 12:20	6.6	90	8	9.0	0.0	23.2	36
08/07/2023 12:30	6.4	89	9	8.9	0.0	23.1	37
08/07/2023 12:40	6.5	85	10	10.2	0.0	23.2	36
08/07/2023 12:50	6.6	82	10	9.4	0.0	23.2	36
08/07/2023 13:00	8.0	73	7	11.5	0.0	22.9	35
08/07/2023 13:10	8.5	74	6	11.1	0.0	22.7	35
08/07/2023 13:20	9.0	77	6	11.3	0.0	22.6	35
08/07/2023 13:30	8.2	77	7	11.2	0.0	22.6	35
08/07/2023 13:40	8.1	77	8	11.3	0.0	22.7	34
08/07/2023 13:50	7.7	81	7	10.7	0.0	23.0	32
08/07/2023 14:00	7.9	79	8	11.3	0.0	23.0	33
08/07/2023 14:10	6.1	73	10	9.6	0.0	23.4	35
08/07/2023 14:20	6.4	78	9	8.8	0.0	23.5	34
08/07/2023 14:30	7.3	78	9	10.6	0.0	23.5	31
08/07/2023 14:40	7.1	81	9	9.7	0.0	23.5	28
08/07/2023 14:50	6.7	77	10	10.0	0.0	23.3	29
08/07/2023 15:00	5.6	76	11	8.1	0.0	23.8	29
08/07/2023 15:10	6.1	62	8	8.3	0.0	23.6	30
08/07/2023 15:20	6.4	64	9	8.9	0.0	23.5	30
08/07/2023 15:30	5.9	59	8	8.5	0.0	23.4	31
08/07/2023 15:40	5.8	58	8	7.5	0.0	23.5	28
08/07/2023 15:50	5.8	59	8	7.4	0.0	23.6	27
08/07/2023 16:00	5.2	64	11	6.9	0.0	23.8	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/07/2023 16:10	5.2	65	9	7.5	0.0	23.9	23
08/07/2023 16:20	4.8	66	10	7.0	0.0	24.0	24
08/07/2023 16:30	4.4	59	9	5.8	0.0	23.8	27
08/07/2023 16:40	4.1	54	8	5.3	0.0	23.3	29
08/07/2023 16:50	4.0	56	8	5.6	0.0	23.2	28
08/07/2023 17:00	3.7	56	7	4.8	0.0	23.1	28
08/07/2023 17:10	3.3	57	7	4.5	0.0	23.0	28
08/07/2023 17:20	2.7	58	7	4.0	0.0	22.7	29
08/07/2023 17:30	2.2	55	7	2.8	0.0	21.6	32
08/07/2023 17:40	1.3	69	9	1.9	0.0	20.8	34
08/07/2023 17:50	0.9	90	15	1.5	0.0	20.4	35
08/07/2023 18:00	0.8	90	11	1.2	0.0	20.2	36
08/07/2023 18:10	0.6	98	17	1.0	0.0	19.8	37
08/07/2023 18:20	0.4	132	47	1.0	0.0	19.6	39
08/07/2023 18:30	0.6	69	13	0.8	0.0	19.3	40
08/07/2023 18:40	0.4	178	26	0.7	0.0	18.8	42
08/07/2023 18:50	0.6	200	7	0.7	0.0	18.8	43
08/07/2023 19:00	0.4	225	13	0.6	0.0	19.0	41
08/07/2023 19:10	0.4	237	19	0.5	0.0	18.7	41
08/07/2023 19:20	0.4	179	30	0.7	0.0	18.6	43
08/07/2023 19:30	0.4	100	20	0.5	0.0	18.4	44
08/07/2023 19:40	0.3	119	46	0.6	0.0	18.3	44
08/07/2023 19:50	0.6	47	14	0.8	0.0	18.9	45
08/07/2023 20:00	0.5	48	9	0.7	0.0	18.7	45
08/07/2023 20:10	0.4	53	10	0.6	0.0	18.5	49
08/07/2023 20:20	0.6	63	9	0.8	0.0	18.3	52
08/07/2023 20:30	0.4	65	11	0.5	0.0	18.0	53
08/07/2023 20:40	0.2	57	28	0.3	0.0	17.7	55
08/07/2023 20:50	0.5	35	8	0.8	0.0	18.0	55
08/07/2023 21:00	0.4	103	44	0.7	0.0	17.4	58
08/07/2023 21:10	0.3	214	33	0.4	0.0	16.5	63
08/07/2023 21:20	0.8	316	10	1.0	0.0	15.5	66
08/07/2023 21:30	0.7	327	13	0.9	0.0	16.0	63
08/07/2023 21:40	0.7	332	18	1.1	0.0	15.8	61
08/07/2023 21:50	0.7	192	13	1.0	0.0	15.9	62
08/07/2023 22:00	0.5	19	12	0.8	0.0	15.6	63
08/07/2023 22:10	0.6	67	27	0.9	0.0	15.4	65
08/07/2023 22:20	0.4	173	45	0.8	0.0	14.7	67
08/07/2023 22:30	0.6	209	11	0.8	0.0	14.9	67
08/07/2023 22:40	0.6	256	11	0.9	0.0	15.5	63
08/07/2023 22:50	0.7	292	17	1.0	0.0	15.6	63
08/07/2023 23:00	0.5	260	17	0.8	0.0	15.9	63
08/07/2023 23:10	0.6	267	26	1.0	0.0	15.2	63
08/07/2023 23:20	0.3	152	45	0.5	0.0	15.5	63
08/07/2023 23:30	0.6	247	16	1.0	0.0	15.3	63
08/07/2023 23:40	1.1	275	8	1.6	0.0	14.9	62
08/07/2023 23:50	1.7	270	8	2.2	0.0	15.1	59
09/07/2023 00:00	1.4	276	9	2.3	0.0	15.4	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/07/2023 00:10	1.5	278	8	1.9	0.0	15.4	60
09/07/2023 00:20	1.4	273	13	2.1	0.0	15.1	60
09/07/2023 00:30	1.2	279	11	1.8	0.0	15.5	58
09/07/2023 00:40	0.9	287	19	1.6	0.0	15.7	56
09/07/2023 00:50	0.7	286	13	1.1	0.0	15.8	55
09/07/2023 01:00	0.8	281	11	1.3	0.0	15.4	56
09/07/2023 01:10	0.4	266	86	0.7	0.0	15.2	56
09/07/2023 01:20	0.5	287	23	1.0	0.0	15.7	52
09/07/2023 01:30	0.3	220	37	0.5	0.0	15.9	49
09/07/2023 01:40	0.3	171	68	0.6	0.0	14.6	55
09/07/2023 01:50	0.5	38	35	0.9	0.0	14.2	55
09/07/2023 02:00	1.2	50	4	1.5	0.0	15.0	47
09/07/2023 02:10	1.6	55	4	1.9	0.0	15.5	45
09/07/2023 02:20	1.4	72	6	1.7	0.0	14.9	48
09/07/2023 02:30	1.7	73	4	2.0	0.0	15.0	50
09/07/2023 02:40	1.3	67	5	1.6	0.0	15.0	53
09/07/2023 02:50	1.2	73	3	1.5	0.0	15.6	54
09/07/2023 03:00	1.0	75	6	1.2	0.0	15.5	56
09/07/2023 03:10	0.8	74	12	1.3	0.0	15.8	58
09/07/2023 03:20	0.9	82	18	1.4	0.0	15.8	59
09/07/2023 03:30	0.7	76	21	1.4	0.0	15.7	58
09/07/2023 03:40	0.9	91	23	1.7	0.0	15.7	58
09/07/2023 03:50	1.3	87	16	2.4	0.0	15.5	60
09/07/2023 04:00	1.3	86	17	2.2	0.0	15.2	60
09/07/2023 04:10	1.6	96	18	2.8	0.0	15.1	59
09/07/2023 04:20	1.9	97	18	3.3	0.0	15.2	54
09/07/2023 04:30	1.8	94	17	3.1	0.0	15.1	51
09/07/2023 04:40	2.1	103	13	3.6	0.0	15.8	44
09/07/2023 04:50	2.1	98	17	3.3	0.0	15.3	50
09/07/2023 05:00	1.8	101	18	3.2	0.0	15.6	49
09/07/2023 05:10	2.1	100	19	3.8	0.0	16.0	47
09/07/2023 05:20	1.8	104	28	3.6	0.0	16.2	48
09/07/2023 05:30	1.6	110	24	3.5	0.0	16.0	44
09/07/2023 05:40	1.4	103	31	2.8	0.0	15.9	45
09/07/2023 05:50	1.9	104	21	3.7	0.0	16.0	47
09/07/2023 06:00	1.9	99	16	3.3	0.0	15.9	49
09/07/2023 06:10	2.4	98	13	3.8	0.0	15.9	49
09/07/2023 06:20	2.2	99	13	3.7	0.0	16.0	46
09/07/2023 06:30	2.2	98	15	3.5	0.0	16.0	43
09/07/2023 06:40	1.8	104	23	3.4	0.0	15.8	44
09/07/2023 06:50	2.0	98	16	3.1	0.0	15.7	44
09/07/2023 07:00	2.0	102	18	3.6	0.0	15.8	41
09/07/2023 07:10	1.8	97	18	2.9	0.0	15.7	43
09/07/2023 07:20	2.0	96	18	3.1	0.0	15.7	44
09/07/2023 07:30	2.2	93	15	3.7	0.0	15.8	45
09/07/2023 07:40	2.5	98	12	4.4	0.0	15.9	46
09/07/2023 07:50	2.6	98	15	4.2	0.0	16.2	45
09/07/2023 08:00	2.7	95	13	3.9	0.0	16.2	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/07/2023 08:10	2.6	102	13	4.3	0.0	16.6	47
09/07/2023 08:20	3.4	103	11	4.8	0.0	17.0	46
09/07/2023 08:30	3.4	106	13	5.3	0.0	17.6	41
09/07/2023 08:40	4.3	108	11	6.5	0.0	17.8	39
09/07/2023 08:50	4.3	109	12	6.3	0.0	18.0	39
09/07/2023 09:00	4.4	109	11	6.4	0.0	18.2	40
09/07/2023 09:10	4.3	106	10	6.3	0.0	18.4	40
09/07/2023 09:20	4.0	106	10	5.8	0.0	18.6	42
09/07/2023 09:30	4.5	112	10	7.0	0.0	19.0	43
09/07/2023 09:40	4.6	107	11	6.9	0.0	19.8	43
09/07/2023 09:50	6.4	107	10	10.3	0.0	20.9	33
09/07/2023 10:00	6.7	106	10	9.1	0.0	21.3	33
09/07/2023 10:10	6.0	107	12	9.4	0.0	21.4	34
09/07/2023 10:20	6.1	104	10	9.8	0.0	21.6	36
09/07/2023 10:30	6.2	107	10	8.8	0.0	21.7	37
09/07/2023 10:40	6.7	107	11	9.9	0.0	21.9	38
09/07/2023 10:50	6.7	106	11	9.8	0.0	22.1	38
09/07/2023 11:00	6.7	102	10	9.5	0.0	22.3	36
09/07/2023 11:10	6.6	101	9	9.1	0.0	22.5	35
09/07/2023 11:20	6.6	101	11	9.8	0.0	22.7	33
09/07/2023 11:30	6.3	101	11	9.8	0.0	22.9	34
09/07/2023 11:40	6.3	91	7	8.4	0.0	23.1	36
09/07/2023 11:50	6.7	95	8	9.0	0.0	23.2	37
09/07/2023 12:00	7.5	91	7	10.5	0.0	23.1	36
09/07/2023 12:10	7.0	92	8	9.3	0.0	23.0	37
09/07/2023 12:20	6.8	90	9	8.7	0.0	23.3	37
09/07/2023 12:30	6.2	85	9	9.2	0.0	24.1	33
09/07/2023 12:40	7.2	76	7	9.6	0.0	23.6	34
09/07/2023 12:50	7.1	78	9	9.3	0.0	23.6	34
09/07/2023 13:00	6.9	88	8	10.0	0.0	23.8	34
09/07/2023 13:10	6.3	86	9	8.8	0.0	24.1	34
09/07/2023 13:20	6.0	83	10	9.8	0.0	24.1	35
09/07/2023 13:30	6.5	83	9	9.7	0.0	24.1	34
09/07/2023 13:40	6.4	82	9	8.6	0.0	24.1	33
09/07/2023 13:50	6.0	80	8	7.9	0.0	24.3	33
09/07/2023 14:00	5.9	81	9	7.9	0.0	24.5	32
09/07/2023 14:10	6.7	74	8	8.9	0.0	24.4	31
09/07/2023 14:20	6.9	75	7	9.3	0.0	24.4	30
09/07/2023 14:30	7.0	77	7	9.1	0.0	24.4	31
09/07/2023 14:40	7.5	77	7	9.5	0.0	24.5	29
09/07/2023 14:50	6.8	79	7	9.1	0.0	24.7	28
09/07/2023 15:00	6.9	79	7	9.2	0.0	24.6	29
09/07/2023 15:10	6.6	79	7	8.8	0.0	24.9	28
09/07/2023 15:20	6.5	78	8	8.9	0.0	24.8	28
09/07/2023 15:30	6.1	78	9	8.5	0.0	25.0	27
09/07/2023 15:40	5.7	78	8	7.4	0.0	25.1	27
09/07/2023 15:50	5.0	67	9	6.9	0.0	25.2	28
09/07/2023 16:00	5.3	57	7	7.2	0.0	24.8	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/07/2023 16:10	4.8	56	8	6.9	0.0	24.6	33
09/07/2023 16:20	4.9	59	8	6.6	0.0	24.4	33
09/07/2023 16:30	4.0	59	8	5.7	0.0	24.6	32
09/07/2023 16:40	4.2	57	8	5.9	0.0	24.5	32
09/07/2023 16:50	4.2	56	7	5.2	0.0	24.2	33
09/07/2023 17:00	3.9	58	7	5.3	0.0	24.0	34
09/07/2023 17:10	4.2	54	5	5.5	0.0	23.6	35
09/07/2023 17:20	3.6	59	8	4.7	0.0	23.2	36
09/07/2023 17:30	2.8	62	7	3.8	0.0	22.6	39
09/07/2023 17:40	2.5	60	7	3.3	0.0	21.9	40
09/07/2023 17:50	1.7	69	8	2.7	0.0	21.6	40
09/07/2023 18:00	1.1	81	16	1.9	0.0	21.2	43
09/07/2023 18:10	0.8	118	26	1.2	0.0	20.9	45
09/07/2023 18:20	0.7	98	17	1.2	0.0	20.9	43
09/07/2023 18:30	0.9	82	9	1.4	0.0	20.9	44
09/07/2023 18:40	0.7	85	12	1.2	0.0	20.7	44
09/07/2023 18:50	1.0	109	16	1.9	0.0	20.4	47
09/07/2023 19:00	1.9	119	8	2.6	0.0	20.5	54
09/07/2023 19:10	1.7	108	10	2.6	0.0	20.6	54
09/07/2023 19:20	1.7	100	17	2.8	0.0	20.5	53
09/07/2023 19:30	1.6	78	8	2.0	0.0	19.6	57
09/07/2023 19:40	1.6	73	7	1.9	0.0	19.5	57
09/07/2023 19:50	1.5	66	8	1.8	0.0	19.5	55
09/07/2023 20:00	1.5	66	7	1.8	0.0	19.6	54
09/07/2023 20:10	1.6	56	7	2.0	0.0	19.7	52
09/07/2023 20:20	2.1	49	5	2.6	0.0	20.1	50
09/07/2023 20:30	1.3	87	11	1.8	0.0	19.9	52
09/07/2023 20:40	1.2	129	12	2.0	0.0	20.0	52
09/07/2023 20:50	1.5	110	16	2.3	0.0	20.1	52
09/07/2023 21:00	1.5	71	9	1.9	0.0	19.3	57
09/07/2023 21:10	1.6	71	8	2.0	0.0	19.6	55
09/07/2023 21:20	1.5	73	7	1.8	0.0	19.6	55
09/07/2023 21:30	1.4	50	8	1.8	0.0	19.8	52
09/07/2023 21:40	1.6	44	7	2.0	0.0	20.2	47
09/07/2023 21:50	1.4	68	9	1.8	0.0	20.4	44
09/07/2023 22:00	1.5	89	14	2.1	0.0	20.3	45
09/07/2023 22:10	1.6	57	12	2.1	0.0	20.3	45
09/07/2023 22:20	1.5	61	11	1.9	0.0	20.4	44
09/07/2023 22:30	1.6	59	6	2.0	0.0	20.4	43
09/07/2023 22:40	1.6	55	6	2.0	0.0	20.6	41
09/07/2023 22:50	1.5	60	6	1.8	0.0	20.5	41
09/07/2023 23:00	0.9	67	13	1.4	0.0	20.3	41
09/07/2023 23:10	0.8	67	16	1.3	0.0	20.6	39
09/07/2023 23:20	1.1	80	17	1.7	0.0	20.6	38
09/07/2023 23:30	1.3	102	17	2.1	0.0	20.7	35
09/07/2023 23:40	1.6	98	19	2.9	0.0	21.0	30
09/07/2023 23:50	2.0	72	11	2.8	0.0	20.5	33
10/07/2023 00:00	2.1	78	8	2.8	0.0	20.0	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/07/2023 00:10	1.7	88	14	2.4	0.0	20.1	34
10/07/2023 00:20	1.8	77	8	2.1	0.0	19.8	36
10/07/2023 00:30	1.9	76	7	2.3	0.0	19.5	37
10/07/2023 00:40	1.8	79	10	2.3	0.0	19.2	39
10/07/2023 00:50	1.7	82	11	2.2	0.0	18.8	40
10/07/2023 01:00	2.0	93	13	3.0	0.0	18.9	40
10/07/2023 01:10	2.2	94	17	3.7	0.0	19.4	35
10/07/2023 01:20	2.1	60	10	2.7	0.0	19.1	38
10/07/2023 01:30	1.7	75	13	2.2	0.0	19.4	37
10/07/2023 01:40	1.4	81	8	1.8	0.0	19.2	39
10/07/2023 01:50	1.6	70	9	2.0	0.0	19.0	42
10/07/2023 02:00	1.7	86	11	2.3	0.0	19.2	41
10/07/2023 02:10	2.2	102	12	3.5	0.0	19.4	40
10/07/2023 02:20	2.3	100	13	3.7	0.0	19.9	35
10/07/2023 02:30	2.4	78	11	3.4	0.0	19.3	42
10/07/2023 02:40	1.9	79	7	2.5	0.0	18.8	44
10/07/2023 02:50	2.0	80	8	2.7	0.0	18.4	47
10/07/2023 03:00	2.2	90	5	2.6	0.0	18.2	52
10/07/2023 03:10	2.4	91	8	2.9	0.0	18.0	52
10/07/2023 03:20	2.4	89	7	2.9	0.0	17.8	52
10/07/2023 03:30	2.3	94	8	3.1	0.0	17.7	51
10/07/2023 03:40	1.9	93	8	2.5	0.0	17.5	51
10/07/2023 03:50	1.9	95	7	2.5	0.0	17.4	55
10/07/2023 04:00	2.3	94	5	2.8	0.0	17.2	57
10/07/2023 04:10	2.4	92	5	3.0	0.0	16.9	58
10/07/2023 04:20	2.6	98	8	3.5	0.0	17.2	53
10/07/2023 04:30	2.7	100	10	3.7	0.0	18.1	49
10/07/2023 04:40	2.8	102	12	4.1	0.0	18.2	50
10/07/2023 04:50	3.2	101	10	4.5	0.0	18.2	48
10/07/2023 05:00	3.4	104	10	5.1	0.0	18.4	45
10/07/2023 05:10	3.0	104	11	4.6	0.0	18.4	44
10/07/2023 05:20	2.5	98	14	3.8	0.0	18.3	44
10/07/2023 05:30	2.3	104	15	3.7	0.0	18.3	42
10/07/2023 05:40	2.8	102	14	4.3	0.0	18.4	38
10/07/2023 05:50	3.2	102	11	4.4	0.0	18.6	40
10/07/2023 06:00	3.8	105	10	5.5	0.0	18.7	40
10/07/2023 06:10	3.5	103	11	5.2	0.0	18.5	43
10/07/2023 06:20	3.6	105	9	5.2	0.0	18.3	44
10/07/2023 06:30	3.3	100	10	4.8	0.0	18.2	46
10/07/2023 06:40	3.3	98	9	4.3	0.0	18.2	47
10/07/2023 06:50	3.4	102	10	4.6	0.0	18.4	45
10/07/2023 07:00	3.1	101	9	4.5	0.0	18.4	47
10/07/2023 07:10	2.9	107	11	3.9	0.0	18.4	49
10/07/2023 07:20	3.0	102	11	4.6	0.0	18.4	49
10/07/2023 07:30	3.2	106	13	4.5	0.0	18.4	48
10/07/2023 07:40	3.2	106	11	4.6	0.0	18.5	48
10/07/2023 07:50	3.2	105	10	4.9	0.0	18.5	48
10/07/2023 08:00	3.1	103	10	4.2	0.0	18.6	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/07/2023 08:10	3.0	102	8	4.3	0.0	18.8	50
10/07/2023 08:20	3.6	104	10	4.6	0.0	19.0	48
10/07/2023 08:30	3.4	104	11	5.0	0.0	19.1	45
10/07/2023 08:40	3.2	104	12	4.8	0.0	19.3	42
10/07/2023 08:50	3.7	105	12	5.6	0.0	19.5	41
10/07/2023 09:00	3.9	108	11	5.1	0.0	19.6	42
10/07/2023 09:10	3.8	107	10	5.6	0.0	19.7	41
10/07/2023 09:20	3.8	105	10	5.5	0.0	19.8	43
10/07/2023 09:30	4.1	103	11	5.8	0.0	20.1	42
10/07/2023 09:40	4.3	99	9	5.6	0.0	20.4	41
10/07/2023 09:50	4.6	101	10	6.5	0.0	20.9	41
10/07/2023 10:00	4.7	100	9	6.8	0.0	21.2	42
10/07/2023 10:10	5.6	94	7	7.6	0.0	21.4	41
10/07/2023 10:20	6.1	93	9	8.8	0.0	22.2	40
10/07/2023 10:30	7.0	93	8	9.3	0.0	22.2	38
10/07/2023 10:40	5.8	90	9	8.5	0.0	22.6	38
10/07/2023 10:50	6.0	83	8	8.6	0.0	22.5	39
10/07/2023 11:00	6.9	91	9	10.0	0.0	22.5	39
10/07/2023 11:10	7.3	88	8	9.3	0.0	22.5	39
10/07/2023 11:20	6.5	88	9	9.1	0.0	22.9	40
10/07/2023 11:30	6.6	84	10	10.3	0.0	23.0	40
10/07/2023 11:40	7.1	79	10	10.4	0.0	23.0	40
10/07/2023 11:50	6.8	79	10	9.3	0.0	23.0	41
10/07/2023 12:00	7.4	75	7	9.8	0.0	22.6	41
10/07/2023 12:10	8.0	74	7	10.3	0.0	22.4	41
10/07/2023 12:20	9.0	77	6	11.6	0.0	22.2	40
10/07/2023 12:30	8.2	79	7	10.8	0.0	22.2	41
10/07/2023 12:40	8.1	81	9	11.8	0.0	22.3	40
10/07/2023 12:50	8.2	83	8	11.7	0.0	22.4	40
10/07/2023 13:00	7.7	87	7	11.1	0.0	22.6	40
10/07/2023 13:10	8.2	78	7	10.9	0.0	22.2	41
10/07/2023 13:20	8.0	81	8	10.7	0.0	22.4	40
10/07/2023 13:30	7.4	84	7	10.8	0.0	22.8	41
10/07/2023 13:40	7.4	85	7	10.1	0.0	22.8	40
10/07/2023 13:50	7.3	84	9	10.0	0.0	23.1	38
10/07/2023 14:00	7.8	85	8	11.1	0.0	22.9	38
10/07/2023 14:10	6.8	85	9	9.3	0.0	23.2	39
10/07/2023 14:20	6.2	80	10	8.6	0.0	23.3	41
10/07/2023 14:30	6.7	77	8	9.3	0.0	23.0	43
10/07/2023 14:40	6.4	72	10	9.0	0.0	23.3	42
10/07/2023 14:50	7.3	65	8	9.8	0.0	23.5	41
10/07/2023 15:00	7.4	67	7	10.4	0.0	23.4	41
10/07/2023 15:10	7.2	67	8	10.0	0.0	23.5	41
10/07/2023 15:20	6.1	66	8	8.5	0.0	23.7	44
10/07/2023 15:30	6.6	60	8	8.8	0.0	23.4	46
10/07/2023 15:40	6.7	58	7	8.9	0.0	23.3	48
10/07/2023 15:50	6.7	56	8	9.1	0.0	23.3	48
10/07/2023 16:00	6.6	58	8	9.4	0.0	23.5	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/07/2023 16:10	6.6	56	6	9.5	0.0	23.4	49
10/07/2023 16:20	6.5	53	8	8.4	0.0	23.3	50
10/07/2023 16:30	6.9	55	6	9.1	0.0	22.9	52
10/07/2023 16:40	6.3	56	9	8.5	0.0	22.9	53
10/07/2023 16:50	5.3	58	8	7.7	0.0	22.9	54
10/07/2023 17:00	5.7	56	6	7.7	0.0	22.8	54
10/07/2023 17:10	5.9	58	7	7.8	0.0	22.5	56
10/07/2023 17:20	6.0	60	7	8.3	0.0	22.4	56
10/07/2023 17:30	5.1	58	7	6.8	0.0	21.9	59
10/07/2023 17:40	5.3	57	6	6.8	0.0	21.8	59
10/07/2023 17:50	4.2	55	7	6.7	0.0	21.6	60
10/07/2023 18:00	3.8	56	7	4.8	0.0	21.5	60
10/07/2023 18:10	3.3	56	7	4.3	0.0	21.3	61
10/07/2023 18:20	2.7	59	6	3.4	0.0	21.0	63
10/07/2023 18:30	1.8	60	7	2.8	0.0	20.7	64
10/07/2023 18:40	1.6	56	8	2.2	0.0	20.3	66
10/07/2023 18:50	1.4	51	6	1.9	0.0	20.2	63
10/07/2023 19:00	0.7	72	23	1.4	0.0	20.1	64
10/07/2023 19:10	0.5	176	32	1.0	0.0	20.1	66
10/07/2023 19:20	0.8	171	24	1.3	0.0	20.2	66
10/07/2023 19:30	0.6	103	23	0.9	0.0	20.1	65
10/07/2023 19:40	0.7	96	16	1.1	0.0	20.0	63
10/07/2023 19:50	0.8	110	19	1.2	0.0	20.4	63
10/07/2023 20:00	1.0	92	14	1.4	0.0	20.6	63
10/07/2023 20:10	1.1	90	12	1.9	0.0	20.6	63
10/07/2023 20:20	0.8	116	15	1.2	0.0	20.2	64
10/07/2023 20:30	0.6	148	12	1.0	0.0	20.0	65
10/07/2023 20:40	0.5	143	12	0.7	0.0	19.8	67
10/07/2023 20:50	0.3	172	29	0.6	0.0	19.7	67
10/07/2023 21:00	1.4	268	11	1.7	0.0	19.6	67
10/07/2023 21:10	0.8	292	25	1.3	0.0	19.3	67
10/07/2023 21:20	0.2	177	46	0.4	0.0	19.1	68
10/07/2023 21:30	0.6	191	27	0.9	0.0	19.1	69
10/07/2023 21:40	0.4	247	42	0.9	0.0	18.9	70
10/07/2023 21:50	0.4	266	27	0.6	0.0	18.6	70
10/07/2023 22:00	0.8	265	11	1.2	0.0	18.5	70
10/07/2023 22:10	0.7	287	40	1.1	0.0	18.9	69
10/07/2023 22:20	0.7	307	37	1.4	0.0	18.8	69
10/07/2023 22:30	0.6	9	50	1.2	0.0	18.7	70
10/07/2023 22:40	0.4	237	58	0.7	0.0	18.9	69
10/07/2023 22:50	0.7	74	11	0.9	0.0	18.3	70
10/07/2023 23:00	0.7	42	11	1.1	0.0	18.4	71
10/07/2023 23:10	0.4	35	21	0.5	0.0	18.6	70
10/07/2023 23:20	0.4	271	17	0.7	0.0	18.2	70
10/07/2023 23:30	0.9	257	9	1.4	0.0	18.0	71
10/07/2023 23:40	0.6	123	41	0.9	0.0	17.6	71
10/07/2023 23:50	0.3	125	72	0.6	0.0	17.6	71
11/07/2023 00:00	0.7	58	21	1.0	0.0	17.4	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/07/2023 00:10	1.3	65	12	1.7	0.0	17.2	71
11/07/2023 00:20	1.2	34	15	1.6	0.0	17.9	71
11/07/2023 00:30	0.9	41	13	1.3	0.0	18.5	70
11/07/2023 00:40	0.6	66	13	1.0	0.0	18.0	71
11/07/2023 00:50	0.5	149	47	0.7	0.0	17.6	71
11/07/2023 01:00	0.5	243	22	0.8	0.0	16.9	71
11/07/2023 01:10	0.6	222	21	0.9	0.0	17.3	70
11/07/2023 01:20	0.8	77	20	1.2	0.0	16.8	70
11/07/2023 01:30	1.7	56	5	1.9	0.0	16.2	68
11/07/2023 01:40	2.0	48	3	2.3	0.0	16.5	65
11/07/2023 01:50	1.9	50	5	2.2	0.0	16.9	64
11/07/2023 02:00	2.0	52	12	2.4	0.0	17.1	64
11/07/2023 02:10	1.9	58	11	2.8	0.0	17.2	65
11/07/2023 02:20	3.0	61	8	3.9	0.0	17.4	67
11/07/2023 02:30	2.5	67	12	3.4	0.0	17.2	67
11/07/2023 02:40	3.3	75	9	4.3	0.0	17.3	67
11/07/2023 02:50	1.7	48	34	3.1	0.0	17.1	66
11/07/2023 03:00	1.3	76	31	2.9	0.0	17.0	65
11/07/2023 03:10	1.3	48	15	2.2	0.0	17.0	64
11/07/2023 03:20	0.5	126	41	1.0	0.0	17.0	63
11/07/2023 03:30	1.0	160	37	2.0	0.0	17.1	63
11/07/2023 03:40	1.3	195	18	1.7	0.0	17.4	65
11/07/2023 03:50	1.5	238	20	2.3	0.0	17.7	68
11/07/2023 04:00	0.7	169	50	1.3	0.0	17.6	68
11/07/2023 04:10	0.7	19	30	1.1	0.0	17.8	68
11/07/2023 04:20	1.2	47	16	1.9	0.0	17.1	69
11/07/2023 04:30	1.2	50	9	1.5	0.0	17.3	68
11/07/2023 04:40	1.0	27	23	1.6	0.0	17.3	67
11/07/2023 04:50	1.1	127	55	2.3	0.0	17.8	64
11/07/2023 05:00	2.0	163	16	3.0	0.0	18.4	58
11/07/2023 05:10	2.6	172	12	4.0	0.0	18.7	54
11/07/2023 05:20	1.7	96	21	2.7	0.0	18.4	55
11/07/2023 05:30	1.7	44	12	2.5	0.0	17.7	58
11/07/2023 05:40	2.0	58	8	2.5	0.0	17.2	60
11/07/2023 05:50	2.3	52	6	3.0	0.0	17.4	58
11/07/2023 06:00	2.2	52	6	2.8	0.0	17.7	57
11/07/2023 06:10	2.0	54	10	2.7	0.0	17.5	57
11/07/2023 06:20	2.0	63	6	2.6	0.0	16.8	60
11/07/2023 06:30	1.7	53	7	2.3	0.0	16.9	59
11/07/2023 06:40	1.8	56	6	2.3	0.0	16.9	60
11/07/2023 06:50	1.4	46	7	1.7	0.0	16.8	61
11/07/2023 07:00	1.2	45	8	1.6	0.0	17.3	59
11/07/2023 07:10	1.2	57	9	1.6	0.0	17.3	60
11/07/2023 07:20	1.4	55	7	1.7	0.0	17.1	62
11/07/2023 07:30	1.8	60	6	2.3	0.0	17.2	63
11/07/2023 07:40	1.4	56	9	2.0	0.0	17.8	62
11/07/2023 07:50	1.9	60	7	2.6	0.0	18.0	63
11/07/2023 08:00	1.9	70	10	2.6	0.0	18.3	63



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/07/2023 08:10	1.8	87	9	2.4	0.0	19.0	60
11/07/2023 08:20	2.0	96	13	3.3	0.0	19.7	54
11/07/2023 08:30	2.5	107	14	3.9	0.0	20.1	49
11/07/2023 08:40	2.9	103	14	4.1	0.0	19.9	51
11/07/2023 08:50	3.0	94	8	4.0	0.0	19.8	55
11/07/2023 09:00	2.7	100	11	4.0	0.0	20.1	53
11/07/2023 09:10	2.5	106	14	3.7	0.0	20.5	53
11/07/2023 09:20	2.8	107	14	4.3	0.0	20.8	51
11/07/2023 09:30	3.0	104	13	4.5	0.0	21.1	49
11/07/2023 09:40	3.3	106	15	4.8	0.0	21.2	47
11/07/2023 09:50	3.3	108	14	5.2	0.0	21.6	46
11/07/2023 10:00	2.8	114	15	4.4	0.0	21.9	47
11/07/2023 10:10	2.9	106	16	4.6	0.0	22.4	42
11/07/2023 10:20	3.1	114	14	4.6	0.0	23.0	38
11/07/2023 10:30	3.6	105	14	5.6	0.0	23.2	35
11/07/2023 10:40	3.7	97	11	5.1	0.0	23.3	35
11/07/2023 10:50	4.0	93	10	5.8	0.0	23.7	32
11/07/2023 11:00	4.4	93	12	6.1	0.0	23.9	31
11/07/2023 11:10	5.7	92	9	7.9	0.0	23.9	30
11/07/2023 11:20	5.7	92	9	7.9	0.0	24.0	29
11/07/2023 11:30	5.1	91	10	7.2	0.0	24.8	27
11/07/2023 11:40	5.3	91	10	8.1	0.0	24.9	27
11/07/2023 11:50	5.8	88	9	8.6	0.0	25.1	27
11/07/2023 12:00	5.2	86	11	7.9	0.0	25.3	27
11/07/2023 12:10	5.4	83	10	7.8	0.0	25.4	28
11/07/2023 12:20	6.1	86	8	9.5	0.0	25.2	27
11/07/2023 12:30	5.4	83	10	7.1	0.0	25.5	27
11/07/2023 12:40	5.2	84	9	7.6	0.0	25.7	26
11/07/2023 12:50	5.6	77	10	7.7	0.0	25.8	25
11/07/2023 13:00	6.1	75	9	8.1	0.0	25.4	26
11/07/2023 13:10	6.3	75	8	8.9	0.0	25.3	26
11/07/2023 13:20	6.8	79	7	8.8	0.0	25.4	23
11/07/2023 13:30	6.6	80	9	9.0	0.0	25.6	23
11/07/2023 13:40	5.4	71	11	8.0	0.0	26.0	23
11/07/2023 13:50	5.7	55	9	7.6	0.0	25.9	25
11/07/2023 14:00	5.8	52	8	7.9	0.0	25.6	26
11/07/2023 14:10	6.0	59	8	8.2	0.0	25.7	25
11/07/2023 14:20	6.3	60	8	7.9	0.0	25.7	23
11/07/2023 14:30	5.9	55	8	8.0	0.0	26.0	21
11/07/2023 14:40	5.4	57	9	7.5	0.0	26.4	20
11/07/2023 14:50	5.4	55	8	7.2	0.0	26.4	20
11/07/2023 15:00	5.5	55	9	7.3	0.0	26.1	21
11/07/2023 15:10	5.5	54	8	7.3	0.0	26.0	21
11/07/2023 15:20	5.3	53	7	6.9	0.0	26.1	20
11/07/2023 15:30	5.3	54	7	6.6	0.0	26.1	19
11/07/2023 15:40	5.1	57	7	6.3	0.0	26.2	19
11/07/2023 15:50	4.5	59	7	5.9	0.0	26.4	19
11/07/2023 16:00	4.0	60	7	5.6	0.0	26.7	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/07/2023 16:10	3.8	55	7	5.2	0.0	26.7	19
11/07/2023 16:20	4.1	62	8	5.4	0.0	26.5	20
11/07/2023 16:30	4.2	55	7	5.3	0.0	26.3	21
11/07/2023 16:40	3.6	54	7	4.7	0.0	26.1	21
11/07/2023 16:50	2.7	47	7	3.9	0.0	26.4	21
11/07/2023 17:00	2.9	45	7	3.9	0.0	26.2	20
11/07/2023 17:10	2.2	48	10	3.1	0.0	26.1	21
11/07/2023 17:20	1.8	24	14	2.7	0.0	25.8	24
11/07/2023 17:30	2.3	352	11	3.6	0.0	24.8	29
11/07/2023 17:40	2.4	333	10	3.4	0.0	24.2	33
11/07/2023 17:50	2.3	339	9	3.3	0.0	23.7	36
11/07/2023 18:00	3.0	352	8	4.0	0.0	22.9	45
11/07/2023 18:10	2.1	208	36	4.0	0.0	22.5	49
11/07/2023 18:20	0.6	216	51	1.2	0.0	22.2	49
11/07/2023 18:30	0.6	52	34	1.1	0.0	22.0	50
11/07/2023 18:40	0.7	313	40	1.2	0.0	21.8	50
11/07/2023 18:50	1.1	235	22	1.8	0.0	21.8	49
11/07/2023 19:00	0.8	294	32	1.7	0.0	22.0	49
11/07/2023 19:10	0.3	236	61	0.7	0.0	21.6	53
11/07/2023 19:20	0.5	281	62	1.1	0.0	21.5	57
11/07/2023 19:30	0.6	255	44	1.3	0.0	21.2	59
11/07/2023 19:40	1.0	253	15	1.5	0.0	21.0	61
11/07/2023 19:50	1.7	256	9	2.3	0.0	20.4	63
11/07/2023 20:00	1.7	253	6	2.6	0.0	20.1	66
11/07/2023 20:10	1.7	252	5	2.2	0.0	19.8	68
11/07/2023 20:20	2.1	259	4	2.4	0.0	19.7	69
11/07/2023 20:30	1.7	264	6	2.0	0.0	19.7	69
11/07/2023 20:40	1.8	265	5	2.0	0.0	20.0	68
11/07/2023 20:50	1.3	267	4	1.6	0.0	20.0	67
11/07/2023 21:00	0.9	276	9	1.3	0.0	19.4	68
11/07/2023 21:10	0.9	265	11	1.3	0.0	19.3	69
11/07/2023 21:20	1.3	267	5	1.6	0.0	19.1	69
11/07/2023 21:30	0.7	246	20	1.0	0.0	18.6	69
11/07/2023 21:40	1.0	265	7	1.2	0.0	18.8	69
11/07/2023 21:50	0.5	253	11	0.7	0.0	18.5	69
11/07/2023 22:00	1.1	241	8	1.7	0.0	18.2	69
11/07/2023 22:10	1.8	271	5	2.2	0.0	18.1	69
11/07/2023 22:20	2.3	262	6	2.7	0.0	18.0	69
11/07/2023 22:30	1.9	257	8	2.5	0.0	18.5	69
11/07/2023 22:40	2.2	266	7	2.7	0.0	18.5	69
11/07/2023 22:50	2.2	265	8	2.9	0.0	18.4	69
11/07/2023 23:00	2.0	261	8	2.5	0.0	18.1	69
11/07/2023 23:10	2.1	264	8	2.9	0.0	18.1	67
11/07/2023 23:20	2.3	270	9	2.8	0.0	18.7	63
11/07/2023 23:30	1.8	268	16	2.4	0.0	18.9	59
11/07/2023 23:40	2.1	243	17	3.3	0.0	19.2	57
11/07/2023 23:50	2.2	255	9	2.8	0.0	19.2	56
12/07/2023 00:00	2.5	265	6	3.1	0.0	19.3	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/07/2023 00:10	2.4	263	11	3.2	0.0	19.3	52
12/07/2023 00:20	2.0	253	14	3.2	0.0	19.3	51
12/07/2023 00:30	1.7	176	28	3.2	0.0	19.7	47
12/07/2023 00:40	0.5	133	49	1.0	0.0	19.2	47
12/07/2023 00:50	0.7	67	36	1.3	0.0	18.3	51
12/07/2023 01:00	1.0	94	28	1.9	0.0	18.1	49
12/07/2023 01:10	1.1	103	23	1.8	0.0	18.5	45
12/07/2023 01:20	1.3	106	12	1.8	0.0	19.0	41
12/07/2023 01:30	0.7	40	47	1.2	0.0	18.9	42
12/07/2023 01:40	1.5	31	15	2.0	0.0	18.8	42
12/07/2023 01:50	0.8	92	30	1.5	0.0	18.5	42
12/07/2023 02:00	0.8	165	41	1.7	0.0	18.9	40
12/07/2023 02:10	0.9	250	56	2.2	0.0	19.2	38
12/07/2023 02:20	2.2	211	10	3.2	0.0	19.1	40
12/07/2023 02:30	3.0	203	11	4.8	0.0	19.1	39
12/07/2023 02:40	2.7	202	11	4.2	0.0	19.1	39
12/07/2023 02:50	2.3	208	13	3.7	0.0	19.1	39
12/07/2023 03:00	1.2	235	39	2.8	0.0	18.9	39
12/07/2023 03:10	0.9	280	74	1.6	0.0	19.1	39
12/07/2023 03:20	0.8	267	65	1.6	0.0	18.7	40
12/07/2023 03:30	0.7	229	66	1.6	0.0	18.7	40
12/07/2023 03:40	1.0	227	49	2.0	0.0	18.7	39
12/07/2023 03:50	1.7	208	27	2.9	0.0	18.6	39
12/07/2023 04:00	2.3	194	14	3.4	0.0	18.7	39
12/07/2023 04:10	1.5	196	20	2.5	0.0	18.6	39
12/07/2023 04:20	2.4	196	16	4.1	0.0	18.8	38
12/07/2023 04:30	1.4	172	25	2.9	0.0	18.6	38
12/07/2023 04:40	0.6	93	52	1.7	0.0	18.5	38
12/07/2023 04:50	0.7	283	68	1.4	0.0	18.4	37
12/07/2023 05:00	1.0	177	56	1.9	0.0	18.9	35
12/07/2023 05:10	0.4	188	73	0.9	0.0	18.9	36
12/07/2023 05:20	0.6	258	50	1.2	0.0	18.8	37
12/07/2023 05:30	0.6	228	46	1.0	0.0	18.7	38
12/07/2023 05:40	0.5	215	56	1.0	0.0	18.6	37
12/07/2023 05:50	0.7	175	35	1.5	0.0	18.7	34
12/07/2023 06:00	0.8	190	31	1.6	0.0	18.5	34
12/07/2023 06:10	0.7	337	26	1.2	0.0	18.6	34
12/07/2023 06:20	0.7	174	23	1.4	0.0	18.5	34
12/07/2023 06:30	0.7	20	41	1.0	0.0	18.2	35
12/07/2023 06:40	1.1	74	21	1.7	0.0	18.0	35
12/07/2023 06:50	1.1	111	33	2.4	0.0	18.0	35
12/07/2023 07:00	1.4	200	18	2.4	0.0	18.1	35
12/07/2023 07:10	1.7	180	11	2.4	0.0	18.5	34
12/07/2023 07:20	1.5	174	15	2.3	0.0	18.5	34
12/07/2023 07:30	1.1	187	13	1.6	0.0	18.7	33
12/07/2023 07:40	1.2	84	47	2.1	0.0	19.2	33
12/07/2023 07:50	1.4	126	19	2.7	0.0	20.4	30
12/07/2023 08:00	1.4	149	28	2.4	0.0	20.8	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/07/2023 08:10	1.0	157	34	2.5	0.0	20.9	30
12/07/2023 08:20	1.2	160	33	2.3	0.0	21.1	29
12/07/2023 08:30	1.4	132	24	2.6	0.0	21.5	29
12/07/2023 08:40	1.9	135	18	3.4	0.0	21.9	29
12/07/2023 08:50	1.9	136	21	3.8	0.0	22.2	28
12/07/2023 09:00	1.9	147	18	3.6	0.0	22.3	29
12/07/2023 09:10	2.1	146	20	4.1	0.0	22.4	29
12/07/2023 09:20	2.3	142	15	3.4	0.0	22.5	30
12/07/2023 09:30	2.4	141	19	4.6	0.0	23.2	30
12/07/2023 09:40	3.1	140	17	5.2	0.0	23.3	30
12/07/2023 09:50	2.5	138	17	3.9	0.0	23.6	30
12/07/2023 10:00	2.7	136	21	4.7	0.0	24.2	30
12/07/2023 10:10	2.9	133	17	5.0	0.0	24.4	31
12/07/2023 10:20	2.8	125	20	4.6	0.0	25.0	32
12/07/2023 10:30	2.8	111	17	4.6	0.0	25.1	33
12/07/2023 10:40	2.8	123	21	4.7	0.0	25.4	33
12/07/2023 10:50	2.7	116	19	4.8	0.0	26.0	32
12/07/2023 11:00	3.0	118	15	4.6	0.0	25.9	34
12/07/2023 11:10	2.9	111	16	4.8	0.0	26.2	35
12/07/2023 11:20	3.5	101	10	5.8	0.0	26.1	36
12/07/2023 11:30	4.2	92	9	5.6	0.0	26.5	34
12/07/2023 11:40	4.3	93	10	6.4	0.0	26.7	33
12/07/2023 11:50	4.0	95	10	5.8	0.0	26.8	32
12/07/2023 12:00	3.8	95	12	5.8	0.0	27.1	31
12/07/2023 12:10	4.1	93	8	5.4	0.0	27.1	31
12/07/2023 12:20	3.7	93	12	5.4	0.0	27.6	30
12/07/2023 12:30	4.3	79	10	6.0	0.0	27.2	31
12/07/2023 12:40	4.5	78	7	6.0	0.0	27.1	32
12/07/2023 12:50	4.6	79	9	5.9	0.0	27.3	32
12/07/2023 13:00	5.5	75	7	7.1	0.0	27.2	33
12/07/2023 13:10	5.5	76	6	7.0	0.0	27.1	32
12/07/2023 13:20	6.0	78	6	7.6	0.0	27.0	33
12/07/2023 13:30	5.7	80	9	7.4	0.0	27.2	33
12/07/2023 13:40	5.7	78	8	7.6	0.0	27.2	32
12/07/2023 13:50	5.2	77	8	6.7	0.0	27.2	33
12/07/2023 14:00	5.4	73	5	6.8	0.0	27.0	34
12/07/2023 14:10	4.9	71	9	6.8	0.0	27.1	33
12/07/2023 14:20	4.9	69	8	6.7	0.0	27.3	33
12/07/2023 14:30	5.3	75	9	6.8	0.0	27.0	33
12/07/2023 14:40	5.2	83	8	6.8	0.0	27.0	33
12/07/2023 14:50	4.9	85	10	7.0	0.0	27.3	33
12/07/2023 15:00	4.4	81	10	6.2	0.0	27.3	33
12/07/2023 15:10	3.9	69	12	6.1	0.0	27.3	33
12/07/2023 15:20	4.3	77	10	6.0	0.0	27.2	33
12/07/2023 15:30	4.0	73	11	5.5	0.0	27.2	34
12/07/2023 15:40	4.4	65	10	6.1	0.0	26.9	35
12/07/2023 15:50	5.4	62	8	7.8	0.0	26.5	36
12/07/2023 16:00	5.6	64	8	7.5	0.0	26.0	38



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/07/2023 16:10	4.3	59	8	5.9	0.0	25.9	39
12/07/2023 16:20	5.0	63	9	7.2	0.0	25.8	41
12/07/2023 16:30	5.7	60	8	7.7	0.0	25.3	43
12/07/2023 16:40	5.3	63	8	7.4	0.0	25.1	44
12/07/2023 16:50	4.9	59	7	6.7	0.0	24.8	46
12/07/2023 17:00	4.5	60	7	7.0	0.0	24.6	47
12/07/2023 17:10	4.0	61	8	5.5	0.0	24.4	49
12/07/2023 17:20	3.5	58	8	5.0	0.0	24.1	52
12/07/2023 17:30	3.2	65	7	4.5	0.0	23.5	54
12/07/2023 17:40	2.7	70	8	3.9	0.0	23.0	57
12/07/2023 17:50	2.3	76	10	3.2	0.0	22.6	58
12/07/2023 18:00	1.7	85	12	2.8	0.0	22.3	60
12/07/2023 18:10	1.1	106	23	2.3	0.0	22.0	62
12/07/2023 18:20	0.7	107	32	1.8	0.0	21.8	63
12/07/2023 18:30	0.3	164	86	0.8	0.0	21.6	64
12/07/2023 18:40	0.5	109	40	1.2	0.0	21.6	64
12/07/2023 18:50	0.8	106	33	1.5	0.0	21.6	64
12/07/2023 19:00	1.4	68	11	1.9	0.0	21.9	64
12/07/2023 19:10	1.6	49	6	2.0	0.0	21.6	65
12/07/2023 19:20	1.3	62	5	1.7	0.0	21.4	66
12/07/2023 19:30	0.4	76	35	0.8	0.0	21.1	67
12/07/2023 19:40	0.8	118	25	1.4	0.0	20.9	68
12/07/2023 19:50	0.8	49	11	1.3	0.0	20.8	69
12/07/2023 20:00	0.4	100	17	0.5	0.0	20.5	69
12/07/2023 20:10	0.6	139	10	0.9	0.0	20.7	70
12/07/2023 20:20	0.2	130	34	0.4	0.0	20.7	70
12/07/2023 20:30	1.6	239	20	2.7	0.0	20.5	70
12/07/2023 20:40	1.9	261	7	2.8	0.0	20.3	70
12/07/2023 20:50	2.6	253	6	3.2	0.0	20.6	69
12/07/2023 21:00	2.3	253	9	3.1	0.0	20.6	69
12/07/2023 21:10	1.5	233	16	2.5	0.0	20.7	69
12/07/2023 21:20	1.2	254	15	1.8	0.0	20.5	69
12/07/2023 21:30	1.6	265	5	1.8	0.0	20.5	70
12/07/2023 21:40	1.7	263	8	2.2	0.0	20.4	69
12/07/2023 21:50	1.6	263	11	2.2	0.0	20.6	69
12/07/2023 22:00	0.4	196	45	0.9	0.0	20.3	69
12/07/2023 22:10	0.5	89	17	0.8	0.0	19.8	70
12/07/2023 22:20	0.3	34	19	0.5	0.0	19.7	70
12/07/2023 22:30	0.3	44	18	0.5	0.0	20.0	70
12/07/2023 22:40	0.7	51	7	0.8	0.0	20.0	70
12/07/2023 22:50	0.8	56	14	1.1	0.0	19.9	70
12/07/2023 23:00	1.0	50	7	1.3	0.0	19.8	70
12/07/2023 23:10	0.7	34	7	0.9	0.0	20.1	69
12/07/2023 23:20	0.8	45	4	1.0	0.0	19.7	70
12/07/2023 23:30	1.0	47	5	1.2	0.0	20.0	69
12/07/2023 23:40	1.1	48	3	1.3	0.0	19.8	70
12/07/2023 23:50	1.4	49	2	1.6	0.0	19.7	70
13/07/2023 00:00	1.7	55	4	1.9	0.0	19.6	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/07/2023 00:10	1.8	54	5	2.1	0.0	19.7	69
13/07/2023 00:20	1.6	47	5	1.9	0.0	19.9	69
13/07/2023 00:30	1.3	44	4	1.7	0.0	20.0	69
13/07/2023 00:40	1.0	39	4	1.2	0.0	19.7	70
13/07/2023 00:50	0.7	61	8	1.0	0.0	19.3	70
13/07/2023 01:00	1.9	270	38	3.4	0.0	18.8	71
13/07/2023 01:10	0.9	302	47	1.9	0.0	18.7	71
13/07/2023 01:20	1.0	293	12	1.6	0.0	18.7	71
13/07/2023 01:30	1.1	267	38	1.8	0.0	19.0	71
13/07/2023 01:40	0.9	171	19	1.2	0.0	18.9	71
13/07/2023 01:50	0.7	186	27	0.9	0.0	18.3	71
13/07/2023 02:00	0.6	228	28	0.8	0.0	18.0	71
13/07/2023 02:10	0.3	127	39	0.7	0.0	18.1	71
13/07/2023 02:20	0.4	53	48	0.7	0.0	18.4	70
13/07/2023 02:30	0.6	52	14	0.8	0.0	18.4	70
13/07/2023 02:40	0.4	44	16	0.7	0.0	18.5	70
13/07/2023 02:50	0.4	59	30	0.7	0.0	18.5	70
13/07/2023 03:00	1.1	37	6	1.4	0.0	18.4	69
13/07/2023 03:10	1.7	48	4	2.0	0.0	18.7	68
13/07/2023 03:20	1.3	47	6	1.6	0.0	19.2	65
13/07/2023 03:30	1.5	54	7	1.9	0.0	19.5	63
13/07/2023 03:40	1.7	68	6	2.0	0.0	18.9	64
13/07/2023 03:50	2.0	70	5	2.5	0.0	19.1	62
13/07/2023 04:00	2.1	69	6	2.5	0.0	19.7	60
13/07/2023 04:10	1.9	68	6	2.3	0.0	19.8	59
13/07/2023 04:20	2.3	73	4	2.8	0.0	19.4	61
13/07/2023 04:30	1.9	74	5	2.4	0.0	19.1	62
13/07/2023 04:40	1.9	72	4	2.3	0.0	18.7	64
13/07/2023 04:50	1.6	66	4	2.0	0.0	18.7	64
13/07/2023 05:00	2.0	69	3	2.2	0.0	19.0	64
13/07/2023 05:10	2.2	70	3	2.5	0.0	18.7	66
13/07/2023 05:20	1.7	64	3	1.9	0.0	18.7	66
13/07/2023 05:30	1.4	68	6	1.5	0.0	18.3	67
13/07/2023 05:40	1.4	75	5	1.5	0.0	18.3	68
13/07/2023 05:50	1.5	79	5	1.7	0.0	18.2	69
13/07/2023 06:00	1.5	58	6	1.9	0.0	18.2	70
13/07/2023 06:10	1.4	57	5	1.8	0.0	17.8	70
13/07/2023 06:20	1.7	54	2	1.9	0.0	17.6	70
13/07/2023 06:30	1.7	55	4	2.0	0.0	17.4	70
13/07/2023 06:40	1.7	55	5	1.9	0.0	17.0	71
13/07/2023 06:50	1.5	56	6	1.8	0.0	17.0	71
13/07/2023 07:00	1.6	56	5	1.9	0.0	17.0	71
13/07/2023 07:10	1.8	63	5	2.1	0.0	17.1	71
13/07/2023 07:20	2.0	69	4	2.2	0.0	17.5	71
13/07/2023 07:30	2.0	64	6	2.4	0.0	18.1	69
13/07/2023 07:40	1.9	66	7	2.4	0.0	19.2	66
13/07/2023 07:50	1.8	64	7	2.5	0.0	19.6	65
13/07/2023 08:00	1.9	72	10	2.8	0.0	19.7	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/07/2023 08:10	2.2	87	8	3.0	0.0	19.8	69
13/07/2023 08:20	2.5	91	9	3.3	0.0	20.2	68
13/07/2023 08:30	2.6	102	10	3.8	0.0	20.4	67
13/07/2023 08:40	2.5	105	13	3.8	0.0	20.6	70
13/07/2023 08:50	2.9	106	12	4.2	0.0	21.0	66
13/07/2023 09:00	3.1	104	12	4.6	0.0	21.1	62
13/07/2023 09:10	2.8	111	10	4.0	0.0	21.3	61
13/07/2023 09:20	2.5	111	11	3.6	0.0	21.5	62
13/07/2023 09:30	2.5	109	13	3.7	0.0	21.8	61
13/07/2023 09:40	2.2	110	12	3.4	0.0	22.2	60
13/07/2023 09:50	2.4	109	13	3.5	0.0	22.7	58
13/07/2023 10:00	2.2	113	15	3.6	0.0	22.9	57
13/07/2023 10:10	2.7	104	14	3.8	0.0	23.2	54
13/07/2023 10:20	2.9	100	10	4.4	0.0	23.2	53
13/07/2023 10:30	3.0	106	13	4.4	0.0	23.7	51
13/07/2023 10:40	3.0	106	12	4.5	0.0	24.5	49
13/07/2023 10:50	2.8	108	15	4.3	0.0	25.3	47
13/07/2023 11:00	3.5	103	12	4.7	0.0	25.5	46
13/07/2023 11:10	3.5	99	10	5.1	0.0	25.5	46
13/07/2023 11:20	3.7	95	10	5.1	0.0	26.2	44
13/07/2023 11:30	3.9	98	9	5.7	0.0	26.9	41
13/07/2023 11:40	5.2	91	9	6.8	0.0	27.2	38
13/07/2023 11:50	5.3	88	9	7.2	0.0	27.0	39
13/07/2023 12:00	5.5	83	8	7.6	0.0	27.2	39
13/07/2023 12:10	6.0	83	8	7.8	0.0	27.4	38
13/07/2023 12:20	6.5	82	8	8.5	0.0	27.7	35
13/07/2023 12:30	6.0	78	8	8.6	0.0	27.3	38
13/07/2023 12:40	6.6	82	8	8.9	0.0	27.8	36
13/07/2023 12:50	6.8	78	7	8.6	0.0	27.3	37
13/07/2023 13:00	5.8	78	7	7.9	0.0	27.6	35
13/07/2023 13:10	5.7	70	11	8.0	0.0	27.8	33
13/07/2023 13:20	5.9	62	9	8.1	0.0	27.7	34
13/07/2023 13:30	5.9	58	8	7.9	0.0	27.6	35
13/07/2023 13:40	6.4	61	9	8.9	0.0	27.7	33
13/07/2023 13:50	7.2	61	8	9.4	0.0	27.7	33
13/07/2023 14:00	6.4	62	10	8.7	0.0	27.8	34
13/07/2023 14:10	6.0	61	9	8.4	0.0	28.0	32
13/07/2023 14:20	5.9	56	9	8.3	0.0	27.8	32
13/07/2023 14:30	5.7	54	8	8.1	0.0	27.8	32
13/07/2023 14:40	5.7	54	8	7.7	0.0	27.9	32
13/07/2023 14:50	5.9	58	8	8.0	0.0	27.7	32
13/07/2023 15:00	6.0	60	7	8.4	0.0	27.7	32
13/07/2023 15:10	6.3	63	8	8.7	0.0	27.6	31
13/07/2023 15:20	6.1	68	7	8.4	0.0	27.6	32
13/07/2023 15:30	5.5	60	9	7.9	0.0	27.8	31
13/07/2023 15:40	6.1	53	7	8.1	0.0	27.7	31
13/07/2023 15:50	6.8	56	7	9.0	0.0	27.5	31
13/07/2023 16:00	6.3	58	7	8.6	0.0	27.5	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/07/2023 16:10	6.1	60	7	8.1	0.0	27.8	31
13/07/2023 16:20	5.6	60	7	8.2	0.0	27.7	31
13/07/2023 16:30	5.2	61	7	7.2	0.0	27.8	31
13/07/2023 16:40	4.8	58	6	6.3	0.0	27.6	32
13/07/2023 16:50	3.3	55	9	4.8	0.0	27.9	32
13/07/2023 17:00	3.6	45	10	5.0	0.0	27.9	32
13/07/2023 17:10	3.8	25	8	5.4	0.0	27.5	33
13/07/2023 17:20	3.4	24	7	4.7	0.0	26.8	36
13/07/2023 17:30	3.0	32	8	4.1	0.0	26.3	35
13/07/2023 17:40	2.6	35	11	4.1	0.0	25.9	36
13/07/2023 17:50	2.8	18	10	4.0	0.0	25.5	39
13/07/2023 18:00	2.9	13	9	4.0	0.0	24.8	44
13/07/2023 18:10	3.2	17	12	4.6	0.0	24.5	45
13/07/2023 18:20	1.1	76	50	2.3	0.0	24.2	47
13/07/2023 18:30	1.2	43	60	3.1	0.0	23.8	48
13/07/2023 18:40	1.2	63	44	2.3	0.0	23.7	48
13/07/2023 18:50	2.2	33	26	4.0	0.0	23.7	49
13/07/2023 19:00	2.8	18	14	4.6	0.0	23.8	48
13/07/2023 19:10	4.3	11	8	6.1	0.0	24.1	46
13/07/2023 19:20	2.7	175	13	4.9	0.0	23.9	48
13/07/2023 19:30	1.1	280	59	2.1	0.0	23.5	51
13/07/2023 19:40	1.0	207	16	1.7	0.0	23.1	54
13/07/2023 19:50	1.4	247	14	1.9	0.0	23.1	51
13/07/2023 20:00	0.5	221	42	0.9	0.0	23.4	50
13/07/2023 20:10	0.9	245	25	1.3	0.0	22.8	54
13/07/2023 20:20	1.2	241	12	1.6	0.0	22.7	55
13/07/2023 20:30	1.7	260	11	2.3	0.0	22.3	60
13/07/2023 20:40	1.7	257	11	2.0	0.0	22.1	61
13/07/2023 20:50	1.7	255	9	2.2	0.0	21.8	64
13/07/2023 21:00	0.9	222	26	1.4	0.0	21.3	66
13/07/2023 21:10	1.1	249	15	1.8	0.0	21.3	68
13/07/2023 21:20	1.2	261	8	1.5	0.0	21.5	68
13/07/2023 21:30	1.6	260	8	2.1	0.0	21.5	68
13/07/2023 21:40	2.0	268	6	2.5	0.0	21.4	69
13/07/2023 21:50	1.7	269	5	2.1	0.0	21.5	69
13/07/2023 22:00	2.1	260	7	2.7	0.0	21.0	69
13/07/2023 22:10	2.3	263	6	2.8	0.0	20.9	68
13/07/2023 22:20	2.1	265	6	2.8	0.0	20.8	69
13/07/2023 22:30	2.2	265	6	2.6	0.0	20.9	68
13/07/2023 22:40	2.4	271	4	2.9	0.0	21.0	67
13/07/2023 22:50	2.1	275	4	2.7	0.0	20.4	68
13/07/2023 23:00	2.5	273	4	2.9	0.0	20.6	67
13/07/2023 23:10	2.6	274	4	3.4	0.0	20.9	66
13/07/2023 23:20	2.6	275	4	3.1	0.0	20.7	66
13/07/2023 23:30	2.6	274	4	3.0	0.0	20.8	64
13/07/2023 23:40	2.3	273	4	2.7	0.0	20.6	64
13/07/2023 23:50	2.4	274	4	2.9	0.0	20.5	64
14/07/2023 00:00	2.6	275	6	3.2	0.0	20.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/07/2023 00:10	2.9	264	5	3.4	0.0	20.4	64
14/07/2023 00:20	3.0	271	9	3.9	0.0	20.1	63
14/07/2023 00:30	3.0	263	6	3.8	0.0	20.4	61
14/07/2023 00:40	3.0	267	5	3.5	0.0	20.3	61
14/07/2023 00:50	2.9	268	11	3.6	0.0	20.4	61
14/07/2023 01:00	2.8	267	8	3.6	0.0	20.4	61
14/07/2023 01:10	2.6	268	10	3.4	0.0	20.2	61
14/07/2023 01:20	2.9	265	6	3.3	0.0	20.0	63
14/07/2023 01:30	2.2	268	7	2.9	0.0	19.7	66
14/07/2023 01:40	2.5	270	6	3.0	0.0	19.8	65
14/07/2023 01:50	2.2	273	4	2.8	0.0	20.0	61
14/07/2023 02:00	2.4	270	3	2.7	0.0	19.9	61
14/07/2023 02:10	2.5	269	5	3.3	0.0	20.6	57
14/07/2023 02:20	2.5	271	4	2.9	0.0	20.5	58
14/07/2023 02:30	2.8	264	3	3.2	0.0	20.4	58
14/07/2023 02:40	2.8	268	2	3.0	0.0	19.8	61
14/07/2023 02:50	2.8	270	3	3.3	0.0	19.9	60
14/07/2023 03:00	2.8	274	4	3.4	0.0	19.9	60
14/07/2023 03:10	2.7	270	5	3.7	0.0	19.7	61
14/07/2023 03:20	2.8	267	7	3.8	0.0	19.5	63
14/07/2023 03:30	2.9	274	5	3.7	0.0	19.5	64
14/07/2023 03:40	2.7	273	5	3.4	0.0	19.7	62
14/07/2023 03:50	1.9	267	11	2.9	0.0	19.5	63
14/07/2023 04:00	2.0	272	9	2.9	0.0	19.5	63
14/07/2023 04:10	1.8	271	8	2.5	0.0	19.3	63
14/07/2023 04:20	2.1	272	9	2.9	0.0	19.4	62
14/07/2023 04:30	2.1	273	7	2.6	0.0	19.8	60
14/07/2023 04:40	1.8	271	7	2.3	0.0	19.7	59
14/07/2023 04:50	1.4	276	8	2.0	0.0	19.8	58
14/07/2023 05:00	0.6	327	35	1.0	0.0	19.4	60
14/07/2023 05:10	0.7	201	19	1.1	0.0	19.0	61
14/07/2023 05:20	0.9	51	9	1.3	0.0	18.9	61
14/07/2023 05:30	1.1	50	7	1.5	0.0	18.2	64
14/07/2023 05:40	1.7	51	2	2.0	0.0	17.9	66
14/07/2023 05:50	1.2	75	9	1.5	0.0	17.8	68
14/07/2023 06:00	1.3	99	11	1.7	0.0	17.5	70
14/07/2023 06:10	1.1	101	10	1.3	0.0	17.3	71
14/07/2023 06:20	1.1	42	15	1.7	0.0	17.5	71
14/07/2023 06:30	1.3	50	8	1.7	0.0	18.6	68
14/07/2023 06:40	1.2	52	10	1.7	0.0	18.7	70
14/07/2023 06:50	1.1	49	11	1.3	0.0	18.6	70
14/07/2023 07:00	1.2	47	6	1.5	0.0	18.8	69
14/07/2023 07:10	1.7	55	5	1.9	0.0	18.3	70
14/07/2023 07:20	1.7	52	5	2.1	0.0	18.3	70
14/07/2023 07:30	1.6	57	6	2.0	0.0	18.8	68
14/07/2023 07:40	1.5	54	10	1.9	0.0	19.3	66
14/07/2023 07:50	1.7	78	14	2.4	0.0	20.0	66
14/07/2023 08:00	2.0	59	8	2.5	0.0	20.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/07/2023 08:10	1.9	62	8	2.3	0.0	20.4	70
14/07/2023 08:20	1.9	86	11	3.1	0.0	20.9	66
14/07/2023 08:30	2.0	91	11	2.8	0.0	21.3	65
14/07/2023 08:40	2.1	79	11	2.7	0.0	21.5	64
14/07/2023 08:50	2.2	84	9	3.2	0.0	21.8	60
14/07/2023 09:00	1.8	74	10	2.5	0.0	22.0	57
14/07/2023 09:10	2.1	79	8	2.7	0.0	22.3	52
14/07/2023 09:20	1.9	65	11	2.5	0.0	22.5	52
14/07/2023 09:30	1.9	73	13	2.7	0.0	23.1	50
14/07/2023 09:40	2.1	85	10	2.9	0.0	23.8	46
14/07/2023 09:50	2.2	89	11	3.1	0.0	23.9	45
14/07/2023 10:00	2.4	84	10	3.2	0.0	24.4	43
14/07/2023 10:10	1.8	97	20	3.0	0.0	25.0	42
14/07/2023 10:20	2.0	106	16	2.8	0.0	25.7	41
14/07/2023 10:30	1.9	119	14	2.7	0.0	26.0	42
14/07/2023 10:40	1.9	130	20	3.0	0.0	26.4	41
14/07/2023 10:50	2.4	149	19	3.4	0.0	26.5	40
14/07/2023 11:00	1.9	158	28	3.1	0.0	26.7	39
14/07/2023 11:10	1.3	107	32	2.8	0.0	27.9	36
14/07/2023 11:20	1.2	131	81	2.6	0.0	28.6	36
14/07/2023 11:30	1.9	76	16	2.7	0.0	28.7	35
14/07/2023 11:40	2.2	80	17	3.2	0.0	28.4	35
14/07/2023 11:50	3.4	87	12	4.5	0.0	28.3	35
14/07/2023 12:00	1.8	118	21	3.0	0.0	28.7	34
14/07/2023 12:10	1.7	114	21	2.8	0.0	29.6	32
14/07/2023 12:20	2.4	108	20	4.1	0.0	29.8	32
14/07/2023 12:30	2.3	111	17	3.5	0.0	29.9	31
14/07/2023 12:40	2.7	94	15	4.3	0.0	30.0	31
14/07/2023 12:50	2.3	89	15	3.4	0.0	29.5	32
14/07/2023 13:00	2.8	65	14	4.7	0.0	29.7	33
14/07/2023 13:10	3.1	44	13	4.5	0.0	29.5	34
14/07/2023 13:20	3.1	46	12	4.4	0.0	29.6	34
14/07/2023 13:30	3.1	46	11	4.2	0.0	29.7	33
14/07/2023 13:40	3.4	49	10	4.7	0.0	29.6	34
14/07/2023 13:50	3.3	46	10	4.5	0.0	29.5	33
14/07/2023 14:00	3.3	48	11	4.5	0.0	29.3	34
14/07/2023 14:10	3.2	51	8	4.2	0.0	29.2	34
14/07/2023 14:20	2.8	47	11	3.5	0.0	29.4	32
14/07/2023 14:30	3.3	59	10	4.2	0.0	29.5	32
14/07/2023 14:40	3.0	204	12	4.1	0.0	29.8	36
14/07/2023 14:50	3.4	351	9	4.3	0.0	29.2	44
14/07/2023 15:00	3.8	335	11	5.2	0.0	28.4	44
14/07/2023 15:10	4.3	342	7	5.6	0.0	28.0	44
14/07/2023 15:20	4.8	329	9	6.2	0.0	27.3	47
14/07/2023 15:30	5.3	325	7	6.6	0.0	27.2	44
14/07/2023 15:40	4.9	324	8	6.1	0.0	27.3	42
14/07/2023 15:50	4.8	323	9	6.3	0.0	27.5	43
14/07/2023 16:00	4.5	321	8	6.0	0.0	27.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/07/2023 16:10	4.1	302	10	6.0	0.0	26.8	46
14/07/2023 16:20	4.0	297	11	6.0	0.0	26.6	51
14/07/2023 16:30	4.3	301	10	6.4	0.0	26.1	54
14/07/2023 16:40	5.0	298	7	6.4	0.0	25.5	56
14/07/2023 16:50	3.9	303	12	5.6	0.0	25.5	54
14/07/2023 17:00	4.1	285	7	5.5	0.0	25.9	53
14/07/2023 17:10	4.4	310	7	5.9	0.0	25.6	52
14/07/2023 17:20	4.0	312	9	5.4	0.0	25.4	50
14/07/2023 17:30	3.0	303	9	4.8	0.0	25.0	48
14/07/2023 17:40	3.2	317	8	4.6	0.0	24.8	47
14/07/2023 17:50	4.3	318	8	5.9	0.0	24.7	46
14/07/2023 18:00	4.1	323	6	5.7	0.0	24.6	46
14/07/2023 18:10	3.6	324	7	5.0	0.0	24.6	46
14/07/2023 18:20	3.8	332	6	5.1	0.0	24.5	46
14/07/2023 18:30	3.5	333	7	4.9	0.0	24.4	46
14/07/2023 18:40	3.4	334	7	4.8	0.0	24.4	45
14/07/2023 18:50	3.6	326	6	4.8	0.0	24.4	45
14/07/2023 19:00	3.1	329	8	4.6	0.0	24.4	45
14/07/2023 19:10	3.2	342	10	4.6	0.0	24.2	46
14/07/2023 19:20	3.6	352	7	4.6	0.0	24.0	48
14/07/2023 19:30	3.1	320	8	4.4	0.0	24.2	48
14/07/2023 19:40	3.0	310	8	4.3	0.0	24.1	47
14/07/2023 19:50	2.7	309	15	4.6	0.0	24.4	41
14/07/2023 20:00	3.5	318	7	5.2	0.0	24.5	43
14/07/2023 20:10	3.0	322	9	4.7	0.0	24.2	45
14/07/2023 20:20	2.1	318	9	3.3	0.0	24.0	44
14/07/2023 20:30	2.0	299	23	3.0	0.0	23.9	46
14/07/2023 20:40	1.2	235	18	1.7	0.0	23.3	48
14/07/2023 20:50	1.1	233	7	1.4	0.0	22.6	52
14/07/2023 21:00	1.2	225	12	1.7	0.0	22.1	57
14/07/2023 21:10	1.3	230	10	1.9	0.0	22.1	58
14/07/2023 21:20	1.1	217	11	1.4	0.0	21.6	59
14/07/2023 21:30	1.0	240	14	1.4	0.0	21.5	60
14/07/2023 21:40	1.3	247	6	1.7	0.0	21.7	60
14/07/2023 21:50	1.6	243	5	1.8	0.0	21.3	61
14/07/2023 22:00	1.8	250	7	2.2	0.0	21.1	63
14/07/2023 22:10	2.3	258	8	3.2	0.0	21.3	63
14/07/2023 22:20	3.0	258	15	4.7	0.0	21.8	62
14/07/2023 22:30	3.2	252	13	5.4	0.0	22.1	59
14/07/2023 22:40	3.4	235	15	5.3	0.0	22.8	50
14/07/2023 22:50	3.7	224	11	5.2	0.0	23.9	39
14/07/2023 23:00	4.1	222	11	6.2	0.0	24.2	36
14/07/2023 23:10	4.2	214	10	6.2	0.0	24.2	32
14/07/2023 23:20	4.6	208	8	6.5	0.0	24.3	30
14/07/2023 23:30	5.0	205	9	7.7	0.0	24.3	29
14/07/2023 23:40	5.0	201	9	7.1	0.0	24.3	29
14/07/2023 23:50	5.0	200	10	7.0	0.0	24.2	29
15/07/2023 00:00	5.1	202	10	7.3	0.0	24.1	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/07/2023 00:10	4.5	199	9	6.5	0.0	24.0	29
15/07/2023 00:20	4.7	194	10	7.1	0.0	23.7	29
15/07/2023 00:30	4.1	191	11	6.4	0.0	23.6	29
15/07/2023 00:40	3.6	189	9	5.6	0.0	23.5	29
15/07/2023 00:50	3.5	189	12	6.3	0.0	23.2	30
15/07/2023 01:00	3.9	190	10	6.0	0.0	23.2	30
15/07/2023 01:10	3.8	188	12	5.8	0.0	23.0	30
15/07/2023 01:20	3.4	188	13	6.0	0.0	22.8	30
15/07/2023 01:30	3.0	189	14	5.0	0.0	22.6	31
15/07/2023 01:40	2.8	188	13	5.6	0.0	22.4	31
15/07/2023 01:50	2.6	185	18	4.7	0.0	22.3	32
15/07/2023 02:00	2.8	181	15	4.4	0.0	22.1	32
15/07/2023 02:10	2.9	170	20	4.5	0.0	22.2	33
15/07/2023 02:20	1.4	148	43	3.0	0.0	22.0	33
15/07/2023 02:30	1.6	132	26	4.1	0.0	22.0	32
15/07/2023 02:40	2.0	131	20	4.4	0.0	22.2	31
15/07/2023 02:50	2.2	124	26	3.8	0.0	22.1	30
15/07/2023 03:00	1.8	113	23	3.4	0.0	21.8	31
15/07/2023 03:10	2.5	93	12	4.0	0.0	21.4	32
15/07/2023 03:20	2.7	100	12	3.7	0.0	20.5	36
15/07/2023 03:30	2.0	89	10	3.0	0.0	19.9	40
15/07/2023 03:40	2.4	92	8	3.4	0.0	19.5	43
15/07/2023 03:50	2.6	93	7	3.6	0.0	19.2	45
15/07/2023 04:00	2.7	101	9	3.9	0.0	19.5	49
15/07/2023 04:10	2.6	94	7	3.6	0.0	18.8	52
15/07/2023 04:20	2.4	94	4	2.9	0.0	18.7	53
15/07/2023 04:30	2.8	88	4	3.3	0.0	18.6	54
15/07/2023 04:40	3.0	86	5	3.9	0.0	18.7	51
15/07/2023 04:50	3.5	81	7	5.4	0.0	19.6	46
15/07/2023 05:00	4.2	83	7	6.0	0.0	20.5	42
15/07/2023 05:10	5.5	89	8	8.2	0.0	21.0	41
15/07/2023 05:20	5.7	92	6	7.7	0.0	21.1	43
15/07/2023 05:30	4.8	93	6	6.2	0.0	20.8	47
15/07/2023 05:40	3.7	90	7	5.0	0.0	20.4	51
15/07/2023 05:50	4.3	92	7	5.4	0.0	20.2	50
15/07/2023 06:00	4.3	93	7	5.9	0.0	20.2	48
15/07/2023 06:10	4.5	93	6	6.4	0.0	20.2	47
15/07/2023 06:20	4.8	97	9	6.7	0.0	20.2	46
15/07/2023 06:30	5.1	97	9	7.1	0.0	20.1	45
15/07/2023 06:40	5.2	97	9	7.6	0.0	20.0	45
15/07/2023 06:50	5.3	96	8	7.7	0.0	19.9	46
15/07/2023 07:00	5.3	96	8	7.8	0.0	19.8	46
15/07/2023 07:10	4.8	96	7	6.8	0.0	19.7	48
15/07/2023 07:20	4.6	94	10	6.2	0.0	19.7	49
15/07/2023 07:30	4.7	93	10	6.6	0.0	19.7	49
15/07/2023 07:40	5.4	94	9	7.6	0.0	20.0	49
15/07/2023 07:50	5.6	97	11	7.9	0.0	20.1	50
15/07/2023 08:00	5.9	102	11	8.6	0.0	20.3	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/07/2023 08:10	6.4	101	10	9.4	0.0	20.3	50
15/07/2023 08:20	6.4	101	10	9.1	0.0	20.5	52
15/07/2023 08:30	6.6	103	11	10.1	0.0	20.7	52
15/07/2023 08:40	5.9	103	10	9.6	0.0	20.9	52
15/07/2023 08:50	6.1	100	10	8.5	0.0	21.0	51
15/07/2023 09:00	6.0	101	10	9.1	0.0	21.2	51
15/07/2023 09:10	6.5	103	11	10.1	0.0	21.7	50
15/07/2023 09:20	6.9	102	10	11.6	0.0	21.9	48
15/07/2023 09:30	6.8	98	10	10.0	0.0	22.1	48
15/07/2023 09:40	7.3	100	9	10.9	0.0	22.2	48
15/07/2023 09:50	7.4	102	11	11.7	0.0	22.4	47
15/07/2023 10:00	7.2	101	10	10.9	0.0	22.6	46
15/07/2023 10:10	6.6	101	11	10.4	0.0	22.8	46
15/07/2023 10:20	7.2	102	10	11.2	0.0	22.9	45
15/07/2023 10:30	7.4	97	9	11.1	0.0	23.0	46
15/07/2023 10:40	7.7	99	10	10.8	0.0	23.1	45
15/07/2023 10:50	7.5	99	10	10.6	0.0	23.3	44
15/07/2023 11:00	7.6	97	9	11.0	0.0	23.6	43
15/07/2023 11:10	7.5	99	9	11.6	0.0	23.8	42
15/07/2023 11:20	7.4	99	10	10.7	0.0	24.1	40
15/07/2023 11:30	7.3	103	10	11.3	0.0	24.1	41
15/07/2023 11:40	6.5	103	11	10.0	0.0	24.5	40
15/07/2023 11:50	7.2	101	10	10.0	0.0	24.5	40
15/07/2023 12:00	7.3	103	11	11.0	0.0	24.7	40
15/07/2023 12:10	6.8	95	10	9.4	0.0	25.0	42
15/07/2023 12:20	7.2	91	8	9.9	0.0	24.8	43
15/07/2023 12:30	7.1	91	9	10.3	0.0	24.9	44
15/07/2023 12:40	7.0	87	8	9.7	0.0	24.7	45
15/07/2023 12:50	6.5	85	9	9.2	0.0	24.6	46
15/07/2023 13:00	7.3	76	8	10.0	0.0	24.7	44
15/07/2023 13:10	7.9	76	7	10.5	0.0	24.5	44
15/07/2023 13:20	8.1	79	8	11.0	0.0	24.4	44
15/07/2023 13:30	7.6	78	8	10.4	0.0	24.8	44
15/07/2023 13:40	7.5	78	10	10.0	0.0	24.8	45
15/07/2023 13:50	7.2	78	8	10.6	0.0	24.9	45
15/07/2023 14:00	7.3	77	8	10.8	0.0	24.9	44
15/07/2023 14:10	7.4	73	8	10.3	0.0	24.9	44
15/07/2023 14:20	7.2	71	10	10.3	0.0	25.0	44
15/07/2023 14:30	7.4	71	8	10.7	0.0	25.0	44
15/07/2023 14:40	7.1	71	9	9.7	0.0	24.9	43
15/07/2023 14:50	7.8	71	10	11.0	0.0	25.0	42
15/07/2023 15:00	7.2	72	9	10.3	0.0	25.1	40
15/07/2023 15:10	7.4	72	9	10.3	0.0	25.3	39
15/07/2023 15:20	7.1	75	9	10.3	0.0	25.4	39
15/07/2023 15:30	7.5	74	8	10.6	0.0	25.3	38
15/07/2023 15:40	6.8	69	9	8.9	0.0	25.4	40
15/07/2023 15:50	6.5	69	8	9.9	0.0	25.4	40
15/07/2023 16:00	6.7	66	8	8.9	0.0	25.4	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/07/2023 16:10	6.2	70	8	9.0	0.0	25.6	39
15/07/2023 16:20	6.3	72	8	8.7	0.0	25.6	38
15/07/2023 16:30	6.3	71	7	9.5	0.0	25.5	37
15/07/2023 16:40	5.8	72	7	8.6	0.0	25.6	37
15/07/2023 16:50	5.4	69	8	7.6	0.0	25.6	37
15/07/2023 17:00	5.8	71	7	7.9	0.0	25.4	38
15/07/2023 17:10	5.0	70	7	6.9	0.0	25.2	39
15/07/2023 17:20	4.6	69	8	6.2	0.0	24.8	41
15/07/2023 17:30	4.4	68	8	6.8	0.0	24.3	43
15/07/2023 17:40	4.0	66	7	6.2	0.0	23.7	45
15/07/2023 17:50	3.8	68	6	5.4	0.0	23.4	45
15/07/2023 18:00	3.9	69	6	5.6	0.0	23.3	46
15/07/2023 18:10	4.2	69	6	5.6	0.0	23.1	47
15/07/2023 18:20	4.2	72	6	5.9	0.0	23.0	47
15/07/2023 18:30	4.1	68	8	6.3	0.0	22.6	51
15/07/2023 18:40	3.8	67	7	5.3	0.0	22.4	53
15/07/2023 18:50	3.4	61	8	4.8	0.0	21.7	59
15/07/2023 19:00	4.0	55	5	4.8	0.0	21.3	64
15/07/2023 19:10	3.3	52	5	4.0	0.0	21.1	66
15/07/2023 19:20	2.3	57	9	3.3	0.0	20.7	67
15/07/2023 19:30	0.7	88	25	1.5	0.0	20.5	69
15/07/2023 19:40	1.1	82	26	2.0	0.0	20.5	69
15/07/2023 19:50	1.4	72	10	2.2	0.0	20.7	68
15/07/2023 20:00	1.3	70	11	2.3	0.0	20.6	67
15/07/2023 20:10	1.2	67	16	1.8	0.0	20.3	66
15/07/2023 20:20	0.9	82	22	1.7	0.0	20.0	66
15/07/2023 20:30	0.9	95	19	1.7	0.0	20.1	68
15/07/2023 20:40	1.3	80	10	1.8	0.0	20.1	70
15/07/2023 20:50	1.2	86	17	2.1	0.0	19.6	71
15/07/2023 21:00	1.4	89	8	2.1	0.0	19.7	72
15/07/2023 21:10	1.4	91	11	1.8	0.0	19.8	72
15/07/2023 21:20	1.7	80	6	2.0	0.0	19.4	72
15/07/2023 21:30	2.0	70	7	2.6	0.0	18.8	71
15/07/2023 21:40	2.6	68	6	3.7	0.0	18.7	70
15/07/2023 21:50	3.3	65	6	4.2	0.0	19.1	69
15/07/2023 22:00	3.8	68	6	4.9	0.0	19.5	69
15/07/2023 22:10	3.7	78	6	4.8	0.0	20.0	69
15/07/2023 22:20	3.5	87	6	5.1	0.0	20.5	63
15/07/2023 22:30	3.9	88	5	5.3	0.0	21.0	58
15/07/2023 22:40	3.7	92	6	4.9	0.0	21.2	58
15/07/2023 22:50	3.5	92	4	4.3	0.0	20.7	61
15/07/2023 23:00	4.2	93	8	6.5	0.0	20.6	58
15/07/2023 23:10	5.2	93	6	7.1	0.0	21.1	48
15/07/2023 23:20	4.8	93	6	6.3	0.0	20.9	49
15/07/2023 23:30	5.0	95	9	7.9	0.0	20.9	49
15/07/2023 23:40	5.5	99	9	8.0	0.0	21.2	47
15/07/2023 23:50	6.3	104	10	9.1	0.0	21.3	46
16/07/2023 00:00	5.7	106	11	8.6	0.0	21.3	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/07/2023 00:10	5.4	105	11	8.0	0.0	21.1	47
16/07/2023 00:20	5.9	104	11	8.7	0.0	21.1	45
16/07/2023 00:30	6.1	105	11	9.1	0.0	21.1	45
16/07/2023 00:40	6.4	107	11	10.3	0.0	21.0	46
16/07/2023 00:50	7.0	107	11	10.5	0.0	21.0	44
16/07/2023 01:00	7.5	107	10	11.0	0.0	20.9	44
16/07/2023 01:10	6.8	106	10	10.7	0.0	20.8	44
16/07/2023 01:20	7.2	106	10	10.8	0.0	20.7	44
16/07/2023 01:30	6.9	107	11	10.7	0.0	20.6	44
16/07/2023 01:40	7.2	107	10	11.1	0.0	20.5	44
16/07/2023 01:50	6.5	107	9	10.0	0.0	20.4	45
16/07/2023 02:00	7.6	108	12	12.3	0.0	20.3	44
16/07/2023 02:10	6.8	108	11	10.7	0.0	20.2	44
16/07/2023 02:20	6.3	106	11	9.7	0.0	20.0	45
16/07/2023 02:30	7.4	108	11	10.9	0.0	20.0	44
16/07/2023 02:40	6.8	107	10	10.6	0.0	19.8	44
16/07/2023 02:50	6.7	106	11	10.2	0.0	19.6	45
16/07/2023 03:00	6.2	106	11	9.9	0.0	19.5	45
16/07/2023 03:10	5.7	107	12	8.9	0.0	19.4	45
16/07/2023 03:20	6.1	109	10	9.8	0.0	19.3	46
16/07/2023 03:30	6.7	109	10	9.7	0.0	19.3	44
16/07/2023 03:40	6.1	107	10	9.7	0.0	19.2	44
16/07/2023 03:50	6.5	109	12	10.4	0.0	19.1	45
16/07/2023 04:00	6.5	108	11	9.7	0.0	19.0	45
16/07/2023 04:10	6.5	107	9	9.7	0.0	18.9	44
16/07/2023 04:20	6.9	107	11	10.0	0.0	18.9	43
16/07/2023 04:30	6.7	106	10	9.7	0.0	18.8	43
16/07/2023 04:40	7.0	108	12	10.5	0.0	18.8	43
16/07/2023 04:50	6.4	106	11	9.5	0.0	18.7	43
16/07/2023 05:00	6.1	108	10	8.9	0.0	18.6	43
16/07/2023 05:10	5.5	108	12	9.8	0.0	18.5	45
16/07/2023 05:20	5.7	108	10	8.5	0.0	18.4	44
16/07/2023 05:30	5.3	108	12	8.7	0.0	18.3	44
16/07/2023 05:40	5.3	108	13	8.5	0.0	18.2	44
16/07/2023 05:50	5.2	110	13	8.8	0.0	18.1	43
16/07/2023 06:00	5.8	108	12	9.2	0.0	18.1	43
16/07/2023 06:10	5.8	108	12	8.9	0.0	18.0	43
16/07/2023 06:20	5.9	109	12	9.5	0.0	18.0	43
16/07/2023 06:30	6.2	106	10	9.7	0.0	17.9	43
16/07/2023 06:40	6.5	108	11	9.5	0.0	17.9	42
16/07/2023 06:50	6.2	109	11	9.3	0.0	17.8	43
16/07/2023 07:00	6.6	108	11	9.6	0.0	17.9	42
16/07/2023 07:10	6.7	109	11	10.3	0.0	17.9	41
16/07/2023 07:20	6.7	109	9	9.9	0.0	18.0	41
16/07/2023 07:30	6.6	108	11	10.1	0.0	18.0	41
16/07/2023 07:40	6.5	107	10	9.5	0.0	18.2	40
16/07/2023 07:50	7.0	108	10	10.0	0.0	18.3	39
16/07/2023 08:00	6.9	108	10	10.0	0.0	18.4	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/07/2023 08:10	6.2	106	11	9.1	0.0	18.5	41
16/07/2023 08:20	6.4	109	10	9.3	0.0	18.7	40
16/07/2023 08:30	6.5	107	11	9.6	0.0	18.9	40
16/07/2023 08:40	6.9	108	12	10.5	0.0	19.1	39
16/07/2023 08:50	7.4	107	11	10.5	0.0	19.3	39
16/07/2023 09:00	7.2	107	11	10.0	0.0	19.5	39
16/07/2023 09:10	6.8	109	11	10.1	0.0	19.8	39
16/07/2023 09:20	6.9	108	10	10.1	0.0	20.0	39
16/07/2023 09:30	6.8	107	11	9.8	0.0	20.3	40
16/07/2023 09:40	7.2	107	10	10.2	0.0	20.4	40
16/07/2023 09:50	6.9	106	10	10.1	0.0	20.8	39
16/07/2023 10:00	6.6	107	11	9.3	0.0	21.1	40
16/07/2023 10:10	6.4	105	10	9.9	0.0	21.5	39
16/07/2023 10:20	6.8	105	10	9.8	0.0	21.6	39
16/07/2023 10:30	6.5	101	10	10.0	0.0	21.8	39
16/07/2023 10:40	5.8	105	11	9.3	0.0	22.2	40
16/07/2023 10:50	6.7	103	10	9.9	0.0	22.2	39
16/07/2023 11:00	7.2	101	8	9.9	0.0	22.2	40
16/07/2023 11:10	6.7	97	9	9.0	0.0	22.3	40
16/07/2023 11:20	6.4	94	10	8.8	0.0	22.5	41
16/07/2023 11:30	6.7	95	8	8.5	0.0	22.5	42
16/07/2023 11:40	7.4	92	6	9.1	0.0	22.4	41
16/07/2023 11:50	6.0	89	9	8.7	0.0	23.0	42
16/07/2023 12:00	6.3	88	8	8.9	0.0	22.9	42
16/07/2023 12:10	7.3	88	6	9.1	0.0	23.0	41
16/07/2023 12:20	7.1	90	6	9.0	0.0	22.8	40
16/07/2023 12:30	6.0	75	10	8.1	0.0	23.4	40
16/07/2023 12:40	6.5	71	6	8.6	0.0	23.1	39
16/07/2023 12:50	6.3	69	6	7.8	0.0	23.3	38
16/07/2023 13:00	6.6	77	7	8.2	0.0	23.3	37
16/07/2023 13:10	5.8	82	9	7.5	0.0	23.9	38
16/07/2023 13:20	5.8	77	9	7.7	0.0	24.1	39
16/07/2023 13:30	5.9	77	9	7.9	0.0	23.9	38
16/07/2023 13:40	5.8	74	8	7.7	0.0	23.9	38
16/07/2023 13:50	5.8	70	8	8.0	0.0	24.0	37
16/07/2023 14:00	5.6	71	8	7.3	0.0	24.4	35
16/07/2023 14:10	5.7	75	8	7.5	0.0	24.4	33
16/07/2023 14:20	4.3	66	11	6.3	0.0	25.0	35
16/07/2023 14:30	5.2	58	7	7.1	0.0	24.6	35
16/07/2023 14:40	5.2	59	9	7.0	0.0	24.6	36
16/07/2023 14:50	4.7	53	7	6.8	0.0	24.7	38
16/07/2023 15:00	4.6	53	8	6.0	0.0	24.7	38
16/07/2023 15:10	4.7	63	10	6.1	0.0	24.6	37
16/07/2023 15:20	4.6	60	8	6.1	0.0	24.6	37
16/07/2023 15:30	4.2	59	9	5.6	0.0	24.7	37
16/07/2023 15:40	4.4	58	8	5.9	0.0	24.7	36
16/07/2023 15:50	3.9	55	9	5.3	0.0	24.8	35
16/07/2023 16:00	3.8	51	9	5.5	0.0	25.0	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/07/2023 16:10	4.0	52	8	5.3	0.0	25.0	30
16/07/2023 16:20	4.1	57	7	5.2	0.0	25.0	29
16/07/2023 16:30	3.7	49	7	4.8	0.0	25.1	29
16/07/2023 16:40	3.5	47	6	4.4	0.0	24.9	30
16/07/2023 16:50	3.5	52	6	4.3	0.0	24.8	29
16/07/2023 17:00	3.6	53	5	4.5	0.0	24.6	30
16/07/2023 17:10	3.1	49	6	3.9	0.0	24.4	31
16/07/2023 17:20	2.4	56	7	3.2	0.0	24.4	31
16/07/2023 17:30	2.0	54	9	2.9	0.0	23.9	32
16/07/2023 17:40	1.9	46	5	2.5	0.0	22.7	35
16/07/2023 17:50	2.0	50	4	2.5	0.0	22.3	35
16/07/2023 18:00	1.8	36	4	2.1	0.0	22.3	34
16/07/2023 18:10	1.2	60	12	1.9	0.0	22.2	35
16/07/2023 18:20	0.8	154	29	1.3	0.0	21.7	36
16/07/2023 18:30	0.3	136	42	0.7	0.0	21.7	40
16/07/2023 18:40	0.4	157	37	0.9	0.0	21.4	42
16/07/2023 18:50	0.5	190	9	0.7	0.0	20.8	47
16/07/2023 19:00	0.6	226	17	0.8	0.0	20.9	42
16/07/2023 19:10	2.2	268	4	2.8	0.0	21.3	41
16/07/2023 19:20	1.9	273	8	2.7	0.0	21.2	43
16/07/2023 19:30	2.4	267	5	3.2	0.0	21.2	53
16/07/2023 19:40	2.4	257	3	2.8	0.0	20.7	62
16/07/2023 19:50	1.7	275	6	2.5	0.0	20.3	64
16/07/2023 20:00	0.8	278	17	1.5	0.0	20.3	63
16/07/2023 20:10	0.4	105	62	0.7	0.0	19.9	59
16/07/2023 20:20	0.8	270	32	1.4	0.0	19.7	61
16/07/2023 20:30	0.5	305	22	0.9	0.0	19.6	61
16/07/2023 20:40	0.5	264	43	0.9	0.0	19.4	59
16/07/2023 20:50	1.5	262	5	1.8	0.0	19.5	66
16/07/2023 21:00	2.1	261	3	2.5	0.0	19.6	67
16/07/2023 21:10	2.4	262	3	2.6	0.0	19.6	65
16/07/2023 21:20	2.7	256	5	3.3	0.0	19.6	65
16/07/2023 21:30	3.2	253	11	4.3	0.0	19.5	64
16/07/2023 21:40	2.1	273	7	2.6	0.0	19.4	63
16/07/2023 21:50	1.8	282	7	2.2	0.0	19.5	65
16/07/2023 22:00	1.3	252	24	2.3	0.0	19.3	65
16/07/2023 22:10	2.8	277	6	3.6	0.0	18.9	66
16/07/2023 22:20	3.4	270	4	3.9	0.0	19.2	67
16/07/2023 22:30	3.3	269	4	3.7	0.0	18.8	67
16/07/2023 22:40	3.0	270	3	3.5	0.0	18.8	68
16/07/2023 22:50	3.1	270	3	3.5	0.0	18.9	67
16/07/2023 23:00	3.1	274	4	3.6	0.0	19.1	67
16/07/2023 23:10	2.8	274	6	3.4	0.0	19.2	66
16/07/2023 23:20	2.4	284	7	3.0	0.0	19.6	63
16/07/2023 23:30	2.3	287	7	2.8	0.0	19.9	61
16/07/2023 23:40	2.0	276	15	2.8	0.0	19.9	59
16/07/2023 23:50	2.1	269	7	2.7	0.0	19.5	60
17/07/2023 00:00	2.3	274	7	3.0	0.0	19.2	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/07/2023 00:10	1.2	270	37	2.1	0.0	19.4	59
17/07/2023 00:20	0.6	298	34	1.1	0.0	19.5	56
17/07/2023 00:30	1.0	307	26	1.8	0.0	20.0	51
17/07/2023 00:40	0.6	211	81	1.5	0.0	20.5	45
17/07/2023 00:50	0.5	194	63	0.9	0.0	20.4	43
17/07/2023 01:00	0.7	232	54	1.4	0.0	20.3	43
17/07/2023 01:10	0.8	124	41	1.8	0.0	20.2	43
17/07/2023 01:20	1.5	115	19	2.5	0.0	19.9	42
17/07/2023 01:30	1.7	102	17	2.8	0.0	19.5	45
17/07/2023 01:40	2.0	97	18	3.8	0.0	18.6	51
17/07/2023 01:50	2.3	106	13	3.9	0.0	18.5	53
17/07/2023 02:00	2.1	103	11	3.1	0.0	17.9	58
17/07/2023 02:10	1.7	90	10	2.3	0.0	17.2	62
17/07/2023 02:20	1.5	74	8	2.1	0.0	16.9	64
17/07/2023 02:30	1.3	63	10	1.5	0.0	17.0	63
17/07/2023 02:40	1.3	52	8	1.7	0.0	17.6	61
17/07/2023 02:50	1.3	62	12	1.8	0.0	17.5	62
17/07/2023 03:00	1.4	56	10	1.8	0.0	17.7	63
17/07/2023 03:10	1.7	60	10	2.3	0.0	17.7	64
17/07/2023 03:20	1.7	94	15	2.6	0.0	17.3	65
17/07/2023 03:30	1.6	112	15	2.7	0.0	17.4	59
17/07/2023 03:40	1.3	85	16	2.0	0.0	16.9	62
17/07/2023 03:50	1.6	85	10	2.3	0.0	16.5	65
17/07/2023 04:00	2.1	81	6	2.6	0.0	16.4	64
17/07/2023 04:10	1.7	81	5	2.2	0.0	16.5	62
17/07/2023 04:20	1.7	85	8	2.1	0.0	16.5	60
17/07/2023 04:30	1.6	113	11	2.2	0.0	16.5	60
17/07/2023 04:40	1.8	117	11	2.6	0.0	17.0	55
17/07/2023 04:50	1.8	116	12	2.7	0.0	17.2	52
17/07/2023 05:00	1.6	104	9	2.3	0.0	16.9	52
17/07/2023 05:10	1.8	95	7	2.3	0.0	16.5	52
17/07/2023 05:20	1.3	107	12	1.7	0.0	16.1	53
17/07/2023 05:30	1.6	108	14	2.6	0.0	16.1	51
17/07/2023 05:40	1.9	111	12	2.8	0.0	16.3	49
17/07/2023 05:50	1.5	103	12	2.2	0.0	16.2	48
17/07/2023 06:00	1.3	86	13	1.9	0.0	16.2	47
17/07/2023 06:10	1.2	89	16	1.8	0.0	16.5	46
17/07/2023 06:20	0.9	64	17	1.4	0.0	16.8	45
17/07/2023 06:30	1.0	60	17	1.5	0.0	16.7	44
17/07/2023 06:40	1.3	93	22	2.1	0.0	17.0	43
17/07/2023 06:50	1.3	114	15	2.0	0.0	17.0	42
17/07/2023 07:00	1.6	125	10	2.5	0.0	17.1	42
17/07/2023 07:10	1.2	105	19	2.1	0.0	17.0	43
17/07/2023 07:20	1.1	71	18	1.9	0.0	16.6	45
17/07/2023 07:30	1.8	67	8	2.3	0.0	16.9	45
17/07/2023 07:40	1.8	77	8	2.3	0.0	17.7	44
17/07/2023 07:50	2.1	83	7	2.6	0.0	18.3	43
17/07/2023 08:00	2.4	93	8	3.3	0.0	18.7	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/07/2023 08:10	2.5	96	8	3.1	0.0	19.1	40
17/07/2023 08:20	2.6	96	9	3.5	0.0	19.3	40
17/07/2023 08:30	2.6	99	10	3.5	0.0	19.5	40
17/07/2023 08:40	2.6	97	9	3.5	0.0	19.5	40
17/07/2023 08:50	2.7	103	10	3.5	0.0	19.8	40
17/07/2023 09:00	2.5	104	15	3.5	0.0	19.9	40
17/07/2023 09:10	2.8	103	12	4.0	0.0	20.2	40
17/07/2023 09:20	2.5	104	16	4.0	0.0	20.5	40
17/07/2023 09:30	2.8	99	11	3.7	0.0	20.5	41
17/07/2023 09:40	2.6	102	14	4.0	0.0	20.9	40
17/07/2023 09:50	2.6	102	15	3.8	0.0	21.1	40
17/07/2023 10:00	2.2	103	16	3.4	0.0	21.7	40
17/07/2023 10:10	2.0	109	19	3.5	0.0	22.4	38
17/07/2023 10:20	2.2	108	16	3.3	0.0	23.1	36
17/07/2023 10:30	2.1	103	17	3.3	0.0	23.6	35
17/07/2023 10:40	2.4	109	14	4.1	0.0	23.5	35
17/07/2023 10:50	2.2	118	15	3.5	0.0	24.2	34
17/07/2023 11:00	2.4	107	17	3.8	0.0	24.8	33
17/07/2023 11:10	2.6	101	17	3.7	0.0	24.9	33
17/07/2023 11:20	2.3	119	22	3.7	0.0	25.6	32
17/07/2023 11:30	2.6	106	18	3.7	0.0	25.8	32
17/07/2023 11:40	3.5	97	12	5.0	0.0	26.0	30
17/07/2023 11:50	4.0	96	11	5.5	0.0	26.1	30
17/07/2023 12:00	3.7	81	12	5.2	0.0	26.6	29
17/07/2023 12:10	4.3	67	8	5.8	0.0	26.3	29
17/07/2023 12:20	4.2	83	9	5.6	0.0	26.5	29
17/07/2023 12:30	4.0	63	13	5.8	0.0	26.7	30
17/07/2023 12:40	4.1	56	13	5.5	0.0	26.4	30
17/07/2023 12:50	4.2	51	8	5.9	0.0	26.4	30
17/07/2023 13:00	4.1	47	11	5.6	0.0	26.4	29
17/07/2023 13:10	3.8	59	10	5.4	0.0	26.7	29
17/07/2023 13:20	3.9	57	10	4.9	0.0	26.9	28
17/07/2023 13:30	3.3	56	11	4.6	0.0	26.8	27
17/07/2023 13:40	2.9	54	13	4.3	0.0	27.1	28
17/07/2023 13:50	3.3	51	11	5.0	0.0	27.0	28
17/07/2023 14:00	3.4	53	10	5.0	0.0	26.9	28
17/07/2023 14:10	3.3	59	13	4.6	0.0	27.3	27
17/07/2023 14:20	3.1	63	10	4.1	0.0	27.2	27
17/07/2023 14:30	3.1	62	11	4.3	0.0	27.2	27
17/07/2023 14:40	3.0	67	18	4.1	0.0	27.4	26
17/07/2023 14:50	2.7	53	12	4.0	0.0	27.2	27
17/07/2023 15:00	3.4	48	8	5.0	0.0	27.0	28
17/07/2023 15:10	2.5	52	15	3.9	0.0	27.1	27
17/07/2023 15:20	2.8	55	11	3.8	0.0	27.2	27
17/07/2023 15:30	1.8	196	16	3.0	0.0	27.2	27
17/07/2023 15:40	1.6	77	30	2.9	0.0	27.7	26
17/07/2023 15:50	1.6	188	39	2.8	0.0	27.6	31
17/07/2023 16:00	2.1	329	11	3.1	0.0	27.1	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/07/2023 16:10	2.0	320	10	2.7	0.0	27.0	33
17/07/2023 16:20	2.3	326	10	3.1	0.0	26.8	33
17/07/2023 16:30	2.7	342	9	3.8	0.0	26.5	33
17/07/2023 16:40	2.6	343	9	3.7	0.0	26.5	32
17/07/2023 16:50	3.2	321	10	4.4	0.0	26.4	33
17/07/2023 17:00	3.0	320	10	4.6	0.0	25.5	40
17/07/2023 17:10	2.9	320	11	4.2	0.0	25.2	37
17/07/2023 17:20	2.7	301	11	4.2	0.0	25.1	36
17/07/2023 17:30	2.6	282	9	3.6	0.0	24.7	39
17/07/2023 17:40	2.5	280	8	3.7	0.0	24.1	39
17/07/2023 17:50	2.9	281	7	4.1	0.0	23.6	42
17/07/2023 18:00	2.3	283	5	2.8	0.0	23.2	45
17/07/2023 18:10	3.0	279	6	4.1	0.0	22.7	50
17/07/2023 18:20	3.0	272	7	4.0	0.0	22.2	59
17/07/2023 18:30	3.4	273	5	4.8	0.0	22.0	61
17/07/2023 18:40	3.8	280	6	5.1	0.0	21.7	64
17/07/2023 18:50	3.3	278	6	4.6	0.0	21.5	67
17/07/2023 19:00	3.4	278	8	5.2	0.0	21.3	70
17/07/2023 19:10	4.2	265	6	5.7	0.0	21.2	71
17/07/2023 19:20	4.4	267	4	6.1	0.0	21.0	70
17/07/2023 19:30	4.2	268	5	5.5	0.0	20.9	70
17/07/2023 19:40	3.9	267	4	5.1	0.0	20.7	70
17/07/2023 19:50	3.6	266	4	4.5	0.0	20.6	70
17/07/2023 20:00	3.1	270	5	4.2	0.0	20.4	69
17/07/2023 20:10	3.1	271	4	3.8	0.0	20.2	68
17/07/2023 20:20	2.8	268	4	3.6	0.0	20.1	65
17/07/2023 20:30	2.2	261	4	2.8	0.0	19.7	65
17/07/2023 20:40	2.5	262	4	2.9	0.0	19.2	66
17/07/2023 20:50	1.9	266	5	2.4	0.0	19.1	65
17/07/2023 21:00	2.2	256	6	2.6	0.0	19.0	64
17/07/2023 21:10	2.7	263	4	3.1	0.0	18.9	65
17/07/2023 21:20	2.8	258	4	3.2	0.0	18.7	64
17/07/2023 21:30	2.6	261	5	3.2	0.0	18.6	63
17/07/2023 21:40	3.1	265	3	3.6	0.0	18.5	61
17/07/2023 21:50	3.4	267	3	3.8	0.0	18.5	60
17/07/2023 22:00	3.3	264	3	3.8	0.0	18.6	61
17/07/2023 22:10	3.2	261	3	3.6	0.0	18.5	62
17/07/2023 22:20	3.4	268	2	3.8	0.0	18.4	63
17/07/2023 22:30	3.3	268	2	3.6	0.0	18.6	65
17/07/2023 22:40	3.4	269	2	3.7	0.0	18.6	66
17/07/2023 22:50	3.3	269	2	3.6	0.0	18.6	67
17/07/2023 23:00	2.8	276	4	3.3	0.0	18.5	68
17/07/2023 23:10	2.0	280	7	2.8	0.0	18.4	68
17/07/2023 23:20	2.0	284	9	3.0	0.0	18.3	68
17/07/2023 23:30	1.9	280	11	2.9	0.0	18.2	69
17/07/2023 23:40	1.7	266	13	2.7	0.0	18.4	68
17/07/2023 23:50	2.1	255	4	2.4	0.0	18.7	68
18/07/2023 00:00	2.0	253	4	2.3	0.0	18.2	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/07/2023 00:10	2.5	252	4	2.8	0.0	18.3	69
18/07/2023 00:20	2.2	257	4	2.5	0.0	18.4	69
18/07/2023 00:30	2.1	260	5	2.4	0.0	18.6	69
18/07/2023 00:40	2.2	267	4	2.4	0.0	18.2	69
18/07/2023 00:50	2.4	270	3	2.7	0.0	18.1	69
18/07/2023 01:00	2.4	264	4	2.6	0.0	18.0	69
18/07/2023 01:10	2.7	260	3	3.1	0.0	18.2	69
18/07/2023 01:20	2.4	269	6	2.8	0.0	17.8	69
18/07/2023 01:30	2.5	272	6	3.2	0.0	17.7	69
18/07/2023 01:40	2.8	270	4	3.2	0.0	17.6	69
18/07/2023 01:50	2.8	271	4	3.2	0.0	17.5	69
18/07/2023 02:00	2.8	272	4	3.3	0.0	17.6	69
18/07/2023 02:10	3.1	270	4	3.4	0.0	17.6	69
18/07/2023 02:20	3.2	272	3	3.6	0.0	17.6	69
18/07/2023 02:30	3.1	272	5	3.5	0.0	17.8	69
18/07/2023 02:40	3.3	274	4	3.8	0.0	17.9	69
18/07/2023 02:50	3.0	279	5	3.5	0.0	17.7	69
18/07/2023 03:00	1.2	194	78	2.4	0.0	17.8	69
18/07/2023 03:10	1.2	290	26	1.8	0.0	17.7	68
18/07/2023 03:20	1.9	274	11	2.7	0.0	17.8	63
18/07/2023 03:30	1.5	231	26	2.1	0.0	17.1	68
18/07/2023 03:40	2.1	278	6	2.7	0.0	16.0	70
18/07/2023 03:50	2.7	271	5	3.1	0.0	17.2	63
18/07/2023 04:00	2.8	267	5	3.2	0.0	17.7	62
18/07/2023 04:10	2.4	278	5	2.8	0.0	17.4	64
18/07/2023 04:20	1.3	257	37	2.4	0.0	16.7	67
18/07/2023 04:30	1.7	229	50	2.7	0.0	16.3	69
18/07/2023 04:40	1.7	316	61	3.3	0.0	15.8	68
18/07/2023 04:50	1.2	258	14	1.9	0.0	16.7	63
18/07/2023 05:00	0.9	185	41	1.5	0.0	16.4	63
18/07/2023 05:10	1.3	32	14	1.7	0.0	16.5	59
18/07/2023 05:20	2.0	50	9	2.5	0.0	16.5	57
18/07/2023 05:30	1.9	205	18	2.9	0.0	16.4	57
18/07/2023 05:40	2.6	52	5	3.5	0.0	16.3	56
18/07/2023 05:50	1.9	46	6	2.4	0.0	17.2	50
18/07/2023 06:00	1.0	38	17	1.3	0.0	17.1	49
18/07/2023 06:10	1.6	54	4	2.1	0.0	17.1	50
18/07/2023 06:20	1.5	45	5	1.9	0.0	17.4	46
18/07/2023 06:30	1.9	53	5	2.5	0.0	18.1	44
18/07/2023 06:40	1.8	51	7	2.5	0.0	17.0	48
18/07/2023 06:50	2.1	61	6	2.5	0.0	17.7	45
18/07/2023 07:00	2.1	59	5	2.6	0.0	17.3	47
18/07/2023 07:10	2.1	66	6	2.8	0.0	17.3	47
18/07/2023 07:20	2.4	60	7	3.1	0.0	17.4	47
18/07/2023 07:30	2.2	68	8	2.9	0.0	17.8	47
18/07/2023 07:40	2.1	63	11	2.7	0.0	18.6	46
18/07/2023 07:50	2.2	81	9	2.8	0.0	19.3	44
18/07/2023 08:00	2.2	77	5	2.8	0.0	19.1	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/07/2023 08:10	2.0	80	5	2.4	0.0	19.4	48
18/07/2023 08:20	1.8	78	7	2.4	0.0	19.8	49
18/07/2023 08:30	1.9	84	7	2.3	0.0	20.0	52
18/07/2023 08:40	1.6	88	11	2.2	0.0	20.5	53
18/07/2023 08:50	1.4	85	14	2.0	0.0	21.6	51
18/07/2023 09:00	1.5	121	14	2.1	0.0	22.4	51
18/07/2023 09:10	1.8	123	16	2.8	0.0	22.8	48
18/07/2023 09:20	1.7	107	18	2.8	0.0	23.3	44
18/07/2023 09:30	2.5	91	11	3.5	0.0	23.8	35
18/07/2023 09:40	3.1	81	9	4.4	0.0	23.6	35
18/07/2023 09:50	2.9	89	12	4.3	0.0	23.7	35
18/07/2023 10:00	3.2	87	12	4.5	0.0	23.6	38
18/07/2023 10:10	2.8	92	14	4.0	0.0	23.2	44
18/07/2023 10:20	2.7	94	14	4.3	0.0	23.2	46
18/07/2023 10:30	2.5	97	13	3.5	0.0	23.5	44
18/07/2023 10:40	3.1	90	7	4.1	0.0	23.8	39
18/07/2023 10:50	3.2	92	9	4.6	0.0	24.2	38
18/07/2023 11:00	3.2	101	11	4.4	0.0	24.6	36
18/07/2023 11:10	3.0	103	10	4.3	0.0	24.8	35
18/07/2023 11:20	3.1	103	12	4.2	0.0	25.0	33
18/07/2023 11:30	3.4	106	12	4.6	0.0	25.2	32
18/07/2023 11:40	3.7	104	11	5.5	0.0	25.2	34
18/07/2023 11:50	4.0	94	11	6.0	0.0	25.0	36
18/07/2023 12:00	3.8	94	10	5.2	0.0	25.1	35
18/07/2023 12:10	3.8	95	10	5.2	0.0	25.3	35
18/07/2023 12:20	3.4	103	13	4.9	0.0	25.6	34
18/07/2023 12:30	3.4	86	14	5.0	0.0	26.1	33
18/07/2023 12:40	3.2	76	11	4.8	0.0	25.8	34
18/07/2023 12:50	3.3	81	9	4.9	0.0	26.2	33
18/07/2023 13:00	3.4	79	11	5.3	0.0	26.6	31
18/07/2023 13:10	3.4	81	15	5.3	0.0	27.0	31
18/07/2023 13:20	4.0	60	12	5.4	0.0	26.6	32
18/07/2023 13:30	3.2	54	10	4.7	0.0	26.6	32
18/07/2023 13:40	3.5	51	9	5.1	0.0	26.8	31
18/07/2023 13:50	2.5	49	12	3.9	0.0	27.1	30
18/07/2023 14:00	2.5	43	12	4.0	0.0	27.7	30
18/07/2023 14:10	2.2	40	16	3.3	0.0	27.7	30
18/07/2023 14:20	0.8	46	43	1.6	0.0	28.7	26
18/07/2023 14:30	1.2	84	32	1.9	0.0	29.7	24
18/07/2023 14:40	1.4	111	36	2.9	0.0	30.0	23
18/07/2023 14:50	1.4	111	55	3.1	0.0	29.9	23
18/07/2023 15:00	2.0	156	80	4.1	0.0	29.6	23
18/07/2023 15:10	2.6	251	32	4.6	0.0	29.2	25
18/07/2023 15:20	2.3	299	19	3.3	0.0	29.5	21
18/07/2023 15:30	2.2	304	15	3.4	0.0	29.5	21
18/07/2023 15:40	2.6	300	21	3.8	0.0	29.3	21
18/07/2023 15:50	3.0	324	13	3.9	0.0	28.9	22
18/07/2023 16:00	3.0	316	8	4.1	0.0	28.8	22



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/07/2023 16:10	2.9	323	12	3.9	0.0	28.4	24
18/07/2023 16:20	3.3	325	8	4.4	0.0	28.1	24
18/07/2023 16:30	3.2	327	10	4.3	0.0	28.0	25
18/07/2023 16:40	3.2	325	10	4.7	0.0	27.8	27
18/07/2023 16:50	3.5	329	8	4.6	0.0	27.3	31
18/07/2023 17:00	3.5	330	6	4.6	0.0	26.9	36
18/07/2023 17:10	2.9	325	6	3.8	0.0	26.5	38
18/07/2023 17:20	2.1	298	12	3.2	0.0	26.7	37
18/07/2023 17:30	2.3	289	9	3.0	0.0	26.1	39
18/07/2023 17:40	1.9	291	10	2.7	0.0	25.4	40
18/07/2023 17:50	2.3	301	11	3.5	0.0	24.9	43
18/07/2023 18:00	3.2	325	5	4.3	0.0	24.3	51
18/07/2023 18:10	1.8	303	11	2.3	0.0	24.0	50
18/07/2023 18:20	1.8	291	10	2.5	0.0	23.5	50
18/07/2023 18:30	1.7	292	10	2.3	0.0	23.3	51
18/07/2023 18:40	2.0	303	9	2.8	0.0	23.2	54
18/07/2023 18:50	1.8	278	7	2.5	0.0	22.6	57
18/07/2023 19:00	2.3	288	7	2.8	0.0	22.3	59
18/07/2023 19:10	2.2	269	8	2.9	0.0	21.9	62
18/07/2023 19:20	1.8	285	9	2.6	0.0	21.6	63
18/07/2023 19:30	1.7	281	11	2.4	0.0	21.6	63
18/07/2023 19:40	2.2	290	6	2.9	0.0	21.8	64
18/07/2023 19:50	1.8	281	7	2.4	0.0	21.5	67
18/07/2023 20:00	1.8	272	6	2.4	0.0	20.9	68
18/07/2023 20:10	2.3	262	4	2.9	0.0	20.7	69
18/07/2023 20:20	2.4	268	4	2.9	0.0	20.3	69
18/07/2023 20:30	3.1	256	5	3.6	0.0	20.0	69
18/07/2023 20:40	3.3	259	3	3.8	0.0	19.9	68
18/07/2023 20:50	3.4	258	5	4.1	0.0	20.2	66
18/07/2023 21:00	3.2	254	3	3.7	0.0	20.2	63
18/07/2023 21:10	3.6	258	4	4.3	0.0	20.2	61
18/07/2023 21:20	3.2	260	4	3.9	0.0	20.1	60
18/07/2023 21:30	3.0	254	5	3.6	0.0	20.1	59
18/07/2023 21:40	3.1	251	4	3.7	0.0	20.1	61
18/07/2023 21:50	3.1	253	4	3.7	0.0	19.5	61
18/07/2023 22:00	3.0	258	3	3.4	0.0	19.2	62
18/07/2023 22:10	2.8	260	1	3.2	0.0	19.1	62
18/07/2023 22:20	2.9	258	2	3.1	0.0	19.0	62
18/07/2023 22:30	3.0	260	2	3.2	0.0	18.9	64
18/07/2023 22:40	3.0	258	3	3.2	0.0	18.8	66
18/07/2023 22:50	3.0	259	2	3.2	0.0	18.9	67
18/07/2023 23:00	2.7	261	3	3.0	0.0	19.0	68
18/07/2023 23:10	2.5	261	3	2.9	0.0	18.6	68
18/07/2023 23:20	2.6	261	3	2.9	0.0	18.5	68
18/07/2023 23:30	2.4	261	2	2.5	0.0	18.2	69
18/07/2023 23:40	2.3	262	2	2.5	0.0	18.4	68
18/07/2023 23:50	2.4	260	2	2.7	0.0	18.4	68
19/07/2023 00:00	2.8	254	1	3.0	0.0	18.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/07/2023 00:10	2.8	259	2	3.0	0.0	18.1	67
19/07/2023 00:20	2.9	258	2	3.2	0.0	18.2	65
19/07/2023 00:30	3.3	263	2	3.5	0.0	18.3	64
19/07/2023 00:40	2.8	263	3	3.1	0.0	18.3	65
19/07/2023 00:50	2.6	264	3	3.0	0.0	18.4	65
19/07/2023 01:00	2.0	260	4	2.2	0.0	18.1	67
19/07/2023 01:10	1.6	258	4	1.8	0.0	18.1	67
19/07/2023 01:20	1.6	261	5	2.0	0.0	17.8	67
19/07/2023 01:30	1.6	267	6	1.9	0.0	18.6	60
19/07/2023 01:40	1.8	267	11	2.7	0.0	18.8	51
19/07/2023 01:50	1.0	155	45	2.4	0.0	18.9	49
19/07/2023 02:00	0.7	263	33	1.6	0.0	18.6	48
19/07/2023 02:10	0.9	257	19	1.6	0.0	18.9	47
19/07/2023 02:20	1.6	251	17	2.7	0.0	18.8	52
19/07/2023 02:30	2.0	251	18	2.9	0.0	19.8	47
19/07/2023 02:40	1.3	247	20	2.7	0.0	20.0	44
19/07/2023 02:50	0.9	254	18	1.5	0.0	18.9	50
19/07/2023 03:00	1.3	248	10	1.9	0.0	18.4	51
19/07/2023 03:10	0.7	179	55	1.3	0.0	18.0	50
19/07/2023 03:20	0.7	341	36	1.1	0.0	18.2	49
19/07/2023 03:30	0.4	265	39	0.9	0.0	17.4	54
19/07/2023 03:40	0.6	233	45	1.0	0.0	16.5	58
19/07/2023 03:50	0.6	270	19	1.0	0.0	17.3	55
19/07/2023 04:00	0.6	175	60	0.9	0.0	17.2	56
19/07/2023 04:10	0.6	248	23	1.0	0.0	16.9	56
19/07/2023 04:20	0.7	117	25	1.0	0.0	16.3	58
19/07/2023 04:30	1.3	48	8	1.7	0.0	16.4	57
19/07/2023 04:40	1.8	45	8	2.2	0.0	17.4	52
19/07/2023 04:50	1.9	52	4	2.2	0.0	17.5	52
19/07/2023 05:00	1.9	55	8	2.3	0.0	17.4	51
19/07/2023 05:10	1.8	54	7	2.3	0.0	17.8	50
19/07/2023 05:20	1.9	56	7	2.4	0.0	17.8	49
19/07/2023 05:30	2.3	51	6	2.8	0.0	17.4	50
19/07/2023 05:40	2.2	51	5	2.6	0.0	18.1	46
19/07/2023 05:50	1.5	43	9	2.0	0.0	17.8	47
19/07/2023 06:00	1.3	50	7	1.7	0.0	17.2	48
19/07/2023 06:10	1.3	39	9	1.8	0.0	16.9	49
19/07/2023 06:20	1.6	49	5	1.8	0.0	17.1	49
19/07/2023 06:30	1.0	26	15	1.3	0.0	18.1	48
19/07/2023 06:40	1.2	189	11	1.5	0.0	18.2	48
19/07/2023 06:50	0.6	282	54	1.0	0.0	18.1	47
19/07/2023 07:00	0.6	221	24	1.0	0.0	16.4	56
19/07/2023 07:10	1.1	231	12	1.6	0.0	15.0	60
19/07/2023 07:20	0.7	262	39	1.2	0.0	15.4	59
19/07/2023 07:30	1.2	279	7	1.9	0.0	17.2	49
19/07/2023 07:40	0.8	156	37	1.2	0.0	17.8	51
19/07/2023 07:50	1.0	59	5	1.4	0.0	17.4	56
19/07/2023 08:00	0.6	56	8	0.8	0.0	18.1	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/07/2023 08:10	0.8	31	24	1.2	0.0	18.9	51
19/07/2023 08:20	0.3	58	39	0.7	0.0	20.2	45
19/07/2023 08:30	0.6	221	42	1.2	0.0	20.8	44
19/07/2023 08:40	0.8	250	17	1.2	0.0	20.9	43
19/07/2023 08:50	0.7	237	28	1.2	0.0	21.7	39
19/07/2023 09:00	0.8	274	24	1.3	0.0	22.3	37
19/07/2023 09:10	1.1	221	20	2.1	0.0	22.6	37
19/07/2023 09:20	1.5	236	14	2.2	0.0	22.9	35
19/07/2023 09:30	1.6	241	16	2.5	0.0	22.8	36
19/07/2023 09:40	1.6	250	14	2.3	0.0	23.4	32
19/07/2023 09:50	1.6	274	22	2.5	0.0	23.7	31
19/07/2023 10:00	1.5	276	32	2.8	0.0	24.1	31
19/07/2023 10:10	1.4	250	27	2.6	0.0	24.2	31
19/07/2023 10:20	1.6	253	15	2.5	0.0	24.4	30
19/07/2023 10:30	2.2	245	19	3.2	0.0	24.5	36
19/07/2023 10:40	1.8	272	20	2.9	0.0	24.7	38
19/07/2023 10:50	1.2	292	35	2.3	0.0	24.9	37
19/07/2023 11:00	2.3	258	22	3.5	0.0	25.4	35
19/07/2023 11:10	2.1	244	21	3.7	0.0	25.1	37
19/07/2023 11:20	2.7	258	17	3.8	0.0	25.2	36
19/07/2023 11:30	1.8	268	26	3.3	0.0	25.4	35
19/07/2023 11:40	2.4	262	14	3.9	0.0	25.2	34
19/07/2023 11:50	2.2	260	17	4.2	0.0	25.4	32
19/07/2023 12:00	3.0	271	14	4.8	0.0	25.6	31
19/07/2023 12:10	2.6	280	19	3.7	0.0	25.7	31
19/07/2023 12:20	3.1	280	12	4.2	0.0	26.1	30
19/07/2023 12:30	3.4	280	12	4.9	0.0	26.4	28
19/07/2023 12:40	3.5	278	15	5.1	0.0	26.6	28
19/07/2023 12:50	3.3	281	13	4.6	0.0	26.6	28
19/07/2023 13:00	3.3	278	17	4.7	0.0	27.0	27
19/07/2023 13:10	3.3	289	13	4.6	0.0	26.9	27
19/07/2023 13:20	4.0	278	9	5.1	0.0	27.0	27
19/07/2023 13:30	4.3	274	9	5.6	0.0	26.8	28
19/07/2023 13:40	4.1	273	8	5.5	0.0	26.7	28
19/07/2023 13:50	4.1	269	8	6.1	0.0	26.5	29
19/07/2023 14:00	3.7	264	9	5.2	0.0	26.9	28
19/07/2023 14:10	4.6	265	10	6.1	0.0	26.9	28
19/07/2023 14:20	5.1	272	7	6.0	0.0	26.7	27
19/07/2023 14:30	4.9	271	8	6.1	0.0	26.8	28
19/07/2023 14:40	5.0	268	7	6.2	0.0	27.2	28
19/07/2023 14:50	4.6	297	12	7.3	0.0	27.2	32
19/07/2023 15:00	4.2	268	12	5.7	0.0	27.0	35
19/07/2023 15:10	4.5	252	7	5.9	0.0	27.1	34
19/07/2023 15:20	6.1	266	8	8.5	0.0	26.7	34
19/07/2023 15:30	5.7	262	9	7.4	0.0	26.3	40
19/07/2023 15:40	5.8	259	9	7.3	0.0	25.9	43
19/07/2023 15:50	5.8	259	7	7.8	0.0	25.7	43
19/07/2023 16:00	6.1	261	6	7.8	0.0	25.3	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/07/2023 16:10	6.2	264	7	7.8	0.0	25.0	48
19/07/2023 16:20	5.9	262	7	7.2	0.0	24.9	50
19/07/2023 16:30	5.7	264	7	7.5	0.0	24.4	52
19/07/2023 16:40	5.5	266	6	7.4	0.0	24.6	50
19/07/2023 16:50	4.7	264	7	6.1	0.0	24.6	51
19/07/2023 17:00	5.7	259	8	7.6	0.0	24.4	51
19/07/2023 17:10	5.6	252	8	7.2	0.0	24.2	51
19/07/2023 17:20	5.1	251	7	6.6	0.0	24.1	51
19/07/2023 17:30	5.1	250	9	6.9	0.0	23.7	54
19/07/2023 17:40	4.9	259	7	6.5	0.0	22.9	60
19/07/2023 17:50	4.7	267	5	6.1	0.0	22.6	62
19/07/2023 18:00	5.2	266	7	7.5	0.0	22.4	63
19/07/2023 18:10	5.3	262	6	7.3	0.0	22.1	66
19/07/2023 18:20	5.2	264	6	6.7	0.0	21.8	68
19/07/2023 18:30	5.0	263	5	6.4	0.0	21.6	68
19/07/2023 18:40	5.1	270	4	6.3	0.0	21.4	69
19/07/2023 18:50	4.9	273	5	6.2	0.0	21.4	69
19/07/2023 19:00	4.1	272	3	5.0	0.0	21.2	69
19/07/2023 19:10	3.9	269	3	5.0	0.0	21.0	69
19/07/2023 19:20	3.9	268	5	5.5	0.0	20.9	69
19/07/2023 19:30	4.2	269	5	5.5	0.0	20.9	69
19/07/2023 19:40	4.2	261	5	5.9	0.0	21.0	69
19/07/2023 19:50	4.4	264	4	5.8	0.0	21.0	69
19/07/2023 20:00	4.2	264	5	5.6	0.0	21.0	69
19/07/2023 20:10	3.9	259	6	5.4	0.0	20.9	69
19/07/2023 20:20	3.7	253	8	4.7	0.0	20.9	69
19/07/2023 20:30	3.9	265	5	5.0	0.0	20.7	69
19/07/2023 20:40	4.1	264	5	5.6	0.0	20.6	69
19/07/2023 20:50	4.1	264	5	5.3	0.0	20.5	68
19/07/2023 21:00	3.7	262	6	5.1	0.0	20.4	68
19/07/2023 21:10	4.3	265	5	5.7	0.0	20.3	67
19/07/2023 21:20	4.4	268	5	5.9	0.0	20.2	67
19/07/2023 21:30	4.7	267	4	6.2	0.0	20.2	68
19/07/2023 21:40	4.9	266	5	6.2	0.0	20.2	69
19/07/2023 21:50	4.6	265	5	5.7	0.0	20.1	69
19/07/2023 22:00	4.3	265	5	5.4	0.0	19.9	69
19/07/2023 22:10	4.5	269	5	5.9	0.0	19.8	69
19/07/2023 22:20	4.7	270	6	6.3	0.0	19.8	68
19/07/2023 22:30	4.7	267	6	6.3	0.0	19.8	68
19/07/2023 22:40	4.7	265	6	6.0	0.0	19.8	68
19/07/2023 22:50	4.4	266	6	5.8	0.0	19.8	68
19/07/2023 23:00	4.3	269	5	5.3	0.0	19.6	68
19/07/2023 23:10	4.3	272	4	5.3	0.0	19.4	69
19/07/2023 23:20	4.2	275	4	5.1	0.0	19.3	70
19/07/2023 23:30	4.6	275	4	5.2	0.0	19.2	70
19/07/2023 23:40	4.5	272	3	5.4	0.0	19.1	70
19/07/2023 23:50	4.4	271	3	5.0	0.0	19.0	70
20/07/2023 00:00	4.3	271	3	4.8	0.0	18.9	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/07/2023 00:10	4.2	272	3	5.0	0.0	18.7	70
20/07/2023 00:20	4.3	273	3	4.7	0.0	18.6	70
20/07/2023 00:30	4.0	272	4	5.2	0.0	18.6	70
20/07/2023 00:40	3.7	271	3	4.1	0.0	18.4	69
20/07/2023 00:50	3.2	274	5	3.8	0.0	18.3	69
20/07/2023 01:00	3.0	279	4	3.6	0.0	18.3	69
20/07/2023 01:10	3.0	280	4	3.6	0.0	18.3	69
20/07/2023 01:20	3.0	278	4	3.5	0.0	18.2	69
20/07/2023 01:30	3.3	275	3	3.7	0.0	18.3	69
20/07/2023 01:40	3.3	275	5	4.1	0.0	18.4	70
20/07/2023 01:50	3.4	269	10	4.6	0.0	18.9	68
20/07/2023 02:00	2.9	264	12	4.2	0.0	19.0	67
20/07/2023 02:10	2.4	264	12	3.6	0.0	19.6	59
20/07/2023 02:20	2.6	270	9	3.7	0.0	19.6	55
20/07/2023 02:30	2.0	265	10	3.1	0.0	19.7	54
20/07/2023 02:40	2.3	248	17	3.4	0.0	19.9	53
20/07/2023 02:50	1.6	250	22	2.6	0.0	20.3	50
20/07/2023 03:00	1.0	262	41	1.6	0.0	20.2	49
20/07/2023 03:10	1.6	231	27	2.8	0.0	19.8	49
20/07/2023 03:20	1.5	232	21	3.4	0.0	19.7	49
20/07/2023 03:30	1.9	261	25	3.6	0.0	19.8	48
20/07/2023 03:40	1.9	219	19	3.0	0.0	19.7	48
20/07/2023 03:50	2.2	233	28	4.2	0.0	19.7	47
20/07/2023 04:00	2.7	209	22	4.7	0.0	19.8	46
20/07/2023 04:10	3.2	196	18	5.0	0.0	19.6	47
20/07/2023 04:20	2.6	185	41	5.9	0.0	19.6	48
20/07/2023 04:30	2.7	178	40	5.8	0.0	19.4	49
20/07/2023 04:40	2.1	170	56	4.7	0.0	19.2	50
20/07/2023 04:50	1.7	187	41	4.1	0.0	19.1	52
20/07/2023 05:00	1.8	211	39	3.2	0.0	18.8	53
20/07/2023 05:10	1.5	229	29	3.6	0.0	18.7	55
20/07/2023 05:20	0.9	130	49	2.1	0.0	18.5	56
20/07/2023 05:30	2.3	72	35	3.9	0.0	18.7	56
20/07/2023 05:40	2.1	119	32	3.3	0.0	18.5	56
20/07/2023 05:50	2.2	108	13	3.5	0.0	18.2	57
20/07/2023 06:00	1.8	102	20	2.6	0.0	17.7	58
20/07/2023 06:10	1.8	81	8	2.6	0.0	16.9	61
20/07/2023 06:20	1.9	76	9	2.5	0.0	16.7	62
20/07/2023 06:30	1.6	80	9	2.2	0.0	16.5	64
20/07/2023 06:40	1.7	78	11	2.6	0.0	16.6	63
20/07/2023 06:50	1.6	78	13	2.3	0.0	16.3	65
20/07/2023 07:00	1.7	92	18	2.9	0.0	16.5	64
20/07/2023 07:10	1.7	97	13	2.8	0.0	16.2	65
20/07/2023 07:20	2.0	92	12	2.9	0.0	16.0	66
20/07/2023 07:30	2.1	102	13	3.3	0.0	16.4	65
20/07/2023 07:40	2.1	101	13	3.5	0.0	17.2	63
20/07/2023 07:50	2.3	106	14	3.4	0.0	18.2	57
20/07/2023 08:00	2.3	107	12	3.6	0.0	19.4	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/07/2023 08:10	2.3	108	11	3.5	0.0	19.5	49
20/07/2023 08:20	2.5	102	12	3.4	0.0	19.6	49
20/07/2023 08:30	2.6	101	12	3.9	0.0	19.6	50
20/07/2023 08:40	2.6	101	10	3.5	0.0	19.7	50
20/07/2023 08:50	2.7	98	9	3.5	0.0	19.9	52
20/07/2023 09:00	2.7	97	10	3.6	0.0	20.0	53
20/07/2023 09:10	3.1	102	10	4.3	0.0	20.3	53
20/07/2023 09:20	3.4	102	11	4.8	0.0	20.5	53
20/07/2023 09:30	3.7	110	12	5.6	0.0	20.8	52
20/07/2023 09:40	4.2	102	10	5.9	0.0	21.1	50
20/07/2023 09:50	4.5	97	10	6.4	0.0	21.5	48
20/07/2023 10:00	4.5	94	9	6.2	0.0	21.9	48
20/07/2023 10:10	4.3	104	12	5.8	0.0	21.8	51
20/07/2023 10:20	5.8	81	8	7.7	0.0	22.1	50
20/07/2023 10:30	6.0	80	10	8.1	0.0	22.4	50
20/07/2023 10:40	5.8	80	9	7.8	0.0	22.6	51
20/07/2023 10:50	5.4	86	11	7.8	0.0	23.1	48
20/07/2023 11:00	5.6	95	10	7.4	0.0	23.3	47
20/07/2023 11:10	5.7	84	10	8.0	0.0	23.6	49
20/07/2023 11:20	5.9	85	8	8.1	0.0	23.9	48
20/07/2023 11:30	5.2	87	10	6.8	0.0	24.0	50
20/07/2023 11:40	5.1	76	9	7.5	0.0	24.0	50
20/07/2023 11:50	5.2	80	9	6.8	0.0	24.0	51
20/07/2023 12:00	4.9	73	8	6.2	0.0	24.3	51
20/07/2023 12:10	5.7	76	7	7.0	0.0	24.2	51
20/07/2023 12:20	6.0	76	7	7.6	0.0	24.3	51
20/07/2023 12:30	5.7	81	8	7.8	0.0	24.9	49
20/07/2023 12:40	5.9	82	10	8.1	0.0	24.9	49
20/07/2023 12:50	6.3	79	8	8.8	0.0	24.9	48
20/07/2023 13:00	6.5	77	7	8.5	0.0	25.0	47
20/07/2023 13:10	6.5	79	7	8.8	0.0	25.2	46
20/07/2023 13:20	6.1	79	10	8.4	0.0	25.6	46
20/07/2023 13:30	6.2	73	8	8.4	0.0	25.5	46
20/07/2023 13:40	6.2	75	8	8.4	0.0	25.6	46
20/07/2023 13:50	6.4	76	8	8.8	0.0	25.7	45
20/07/2023 14:00	6.0	77	8	8.0	0.0	25.9	44
20/07/2023 14:10	6.3	75	8	8.3	0.0	26.0	43
20/07/2023 14:20	5.4	77	9	7.6	0.0	26.5	42
20/07/2023 14:30	4.9	59	10	6.6	0.0	26.4	45
20/07/2023 14:40	4.9	57	11	7.1	0.0	26.2	46
20/07/2023 14:50	4.9	53	10	6.5	0.0	26.3	44
20/07/2023 15:00	5.4	59	10	7.3	0.0	26.2	42
20/07/2023 15:10	4.9	56	9	7.0	0.0	26.3	42
20/07/2023 15:20	5.3	57	8	6.9	0.0	26.1	43
20/07/2023 15:30	5.2	63	7	7.0	0.0	25.9	44
20/07/2023 15:40	5.3	64	7	7.0	0.0	26.0	43
20/07/2023 15:50	4.9	63	8	6.9	0.0	26.1	43
20/07/2023 16:00	5.1	65	8	7.1	0.0	26.1	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/07/2023 16:10	5.0	61	8	6.8	0.0	25.9	43
20/07/2023 16:20	5.0	65	8	6.5	0.0	26.0	42
20/07/2023 16:30	4.5	58	8	6.0	0.0	25.9	43
20/07/2023 16:40	4.2	55	9	6.2	0.0	25.8	43
20/07/2023 16:50	4.5	56	7	5.9	0.0	25.6	42
20/07/2023 17:00	4.4	56	6	5.8	0.0	25.5	41
20/07/2023 17:10	4.1	56	6	5.3	0.0	25.4	41
20/07/2023 17:20	3.9	57	7	5.3	0.0	25.2	42
20/07/2023 17:30	3.6	53	6	5.0	0.0	24.9	43
20/07/2023 17:40	2.7	50	5	3.4	0.0	24.0	45
20/07/2023 17:50	2.8	49	5	3.6	0.0	23.5	46
20/07/2023 18:00	2.9	49	4	3.6	0.0	23.1	46
20/07/2023 18:10	2.6	49	4	3.2	0.0	23.0	44
20/07/2023 18:20	2.7	46	4	3.4	0.0	22.9	43
20/07/2023 18:30	2.9	43	4	3.6	0.0	23.1	42
20/07/2023 18:40	2.9	44	4	3.5	0.0	23.0	42
20/07/2023 18:50	2.7	42	4	3.2	0.0	23.0	41
20/07/2023 19:00	2.7	41	4	3.2	0.0	22.9	41
20/07/2023 19:10	2.0	40	7	2.7	0.0	22.8	41
20/07/2023 19:20	3.2	276	15	5.0	0.0	22.7	47
20/07/2023 19:30	2.9	273	19	4.1	0.0	22.4	58
20/07/2023 19:40	3.1	270	7	4.4	0.0	22.5	56
20/07/2023 19:50	3.8	264	7	5.0	0.0	21.8	67
20/07/2023 20:00	3.6	262	5	4.5	0.0	21.2	69
20/07/2023 20:10	3.0	268	5	4.0	0.0	20.8	70
20/07/2023 20:20	3.4	262	5	4.4	0.0	20.5	70
20/07/2023 20:30	3.5	267	4	4.3	0.0	20.3	70
20/07/2023 20:40	3.2	262	4	3.9	0.0	20.2	70
20/07/2023 20:50	3.2	266	4	3.7	0.0	20.0	70
20/07/2023 21:00	3.5	259	6	4.5	0.0	20.0	70
20/07/2023 21:10	3.6	258	5	4.4	0.0	19.9	70
20/07/2023 21:20	3.2	261	6	3.9	0.0	19.8	70
20/07/2023 21:30	3.4	259	5	4.0	0.0	19.7	70
20/07/2023 21:40	3.2	264	6	4.1	0.0	19.6	70
20/07/2023 21:50	3.3	268	5	3.9	0.0	19.3	70
20/07/2023 22:00	3.2	264	5	4.1	0.0	19.3	70
20/07/2023 22:10	3.0	269	6	3.7	0.0	19.2	70
20/07/2023 22:20	3.3	265	5	4.1	0.0	19.3	70
20/07/2023 22:30	2.9	269	5	3.7	0.0	19.3	70
20/07/2023 22:40	2.9	256	9	4.0	0.0	19.3	70
20/07/2023 22:50	3.3	262	6	4.5	0.0	19.5	68
20/07/2023 23:00	3.5	258	7	4.3	0.0	19.6	68
20/07/2023 23:10	3.2	267	6	4.0	0.0	19.9	66
20/07/2023 23:20	3.1	271	9	4.5	0.0	20.2	63
20/07/2023 23:30	2.2	284	12	3.2	0.0	20.3	62
20/07/2023 23:40	1.6	280	15	2.2	0.0	19.9	63
20/07/2023 23:50	0.6	168	38	1.2	0.0	19.6	65
21/07/2023 00:00	0.7	139	68	2.0	0.0	19.4	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/07/2023 00:10	1.3	235	15	1.8	0.0	19.8	64
21/07/2023 00:20	0.8	306	37	1.7	0.0	19.8	64
21/07/2023 00:30	1.1	206	26	2.8	0.0	20.0	62
21/07/2023 00:40	0.8	230	36	1.9	0.0	20.3	60
21/07/2023 00:50	1.1	239	19	2.1	0.0	20.5	59
21/07/2023 01:00	0.8	187	69	1.8	0.0	20.3	60
21/07/2023 01:10	1.1	192	22	1.8	0.0	20.1	59
21/07/2023 01:20	1.2	208	32	2.0	0.0	20.2	57
21/07/2023 01:30	0.7	181	52	1.4	0.0	19.8	59
21/07/2023 01:40	0.8	248	39	1.6	0.0	19.7	58
21/07/2023 01:50	1.0	249	26	1.8	0.0	19.7	59
21/07/2023 02:00	0.4	299	63	0.7	0.0	19.6	58
21/07/2023 02:10	0.7	109	66	1.4	0.0	19.2	59
21/07/2023 02:20	1.2	189	22	2.1	0.0	19.6	56
21/07/2023 02:30	0.9	154	71	2.0	0.0	19.7	55
21/07/2023 02:40	0.7	216	77	1.7	0.0	19.7	55
21/07/2023 02:50	0.7	230	54	1.8	0.0	19.8	54
21/07/2023 03:00	1.0	112	55	2.2	0.0	20.0	53
21/07/2023 03:10	1.5	106	19	3.0	0.0	20.2	50
21/07/2023 03:20	1.4	138	35	3.3	0.0	20.3	49
21/07/2023 03:30	2.1	121	24	4.0	0.0	21.0	45
21/07/2023 03:40	2.6	137	21	3.8	0.0	21.6	45
21/07/2023 03:50	2.4	131	20	4.4	0.0	21.5	43
21/07/2023 04:00	2.3	133	21	4.1	0.0	21.5	43
21/07/2023 04:10	1.9	114	23	3.7	0.0	21.3	44
21/07/2023 04:20	1.8	110	23	2.7	0.0	20.6	47
21/07/2023 04:30	2.0	107	19	3.6	0.0	20.4	47
21/07/2023 04:40	2.5	102	14	4.2	0.0	20.3	47
21/07/2023 04:50	2.8	105	10	4.0	0.0	19.8	51
21/07/2023 05:00	2.6	103	11	4.2	0.0	19.5	52
21/07/2023 05:10	2.7	102	12	4.3	0.0	19.2	53
21/07/2023 05:20	2.6	92	14	4.5	0.0	18.8	55
21/07/2023 05:30	3.1	101	12	4.8	0.0	18.6	55
21/07/2023 05:40	2.8	102	10	4.0	0.0	18.5	57
21/07/2023 05:50	2.9	110	10	4.1	0.0	18.7	54
21/07/2023 06:00	3.1	113	9	4.4	0.0	19.0	52
21/07/2023 06:10	3.8	114	8	5.1	0.0	19.2	52
21/07/2023 06:20	3.5	110	10	5.1	0.0	19.2	52
21/07/2023 06:30	3.4	107	9	4.7	0.0	18.6	54
21/07/2023 06:40	3.4	107	10	5.1	0.0	18.5	54
21/07/2023 06:50	3.1	97	9	4.3	0.0	18.1	55
21/07/2023 07:00	3.0	102	9	3.9	0.0	17.7	57
21/07/2023 07:10	2.8	108	10	3.9	0.0	18.2	55
21/07/2023 07:20	3.2	102	8	4.3	0.0	18.2	54
21/07/2023 07:30	3.0	100	10	4.0	0.0	18.5	53
21/07/2023 07:40	3.3	96	7	4.3	0.0	18.6	53
21/07/2023 07:50	3.5	97	7	4.4	0.0	18.7	53
21/07/2023 08:00	3.3	106	10	4.3	0.0	18.8	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/07/2023 08:10	2.5	104	11	3.8	0.0	18.8	54
21/07/2023 08:20	2.8	97	7	3.6	0.0	18.9	56
21/07/2023 08:30	2.7	102	12	3.6	0.0	19.2	58
21/07/2023 08:40	3.0	95	10	4.0	0.0	19.6	60
21/07/2023 08:50	3.2	107	11	5.1	0.0	20.2	56
21/07/2023 09:00	3.2	105	11	4.6	0.0	20.6	54
21/07/2023 09:10	3.7	102	11	5.1	0.0	20.7	51
21/07/2023 09:20	3.9	98	12	5.4	0.0	21.1	47
21/07/2023 09:30	4.2	94	10	5.9	0.0	21.5	45
21/07/2023 09:40	4.5	103	9	6.1	0.0	21.4	45
21/07/2023 09:50	4.3	105	10	6.0	0.0	21.8	44
21/07/2023 10:00	3.8	98	11	5.8	0.0	22.3	46
21/07/2023 10:10	4.6	104	11	7.6	0.0	23.0	44
21/07/2023 10:20	4.7	105	11	6.8	0.0	23.5	42
21/07/2023 10:30	5.0	101	10	6.9	0.0	23.5	44
21/07/2023 10:40	5.0	106	11	7.3	0.0	23.8	39
21/07/2023 10:50	4.7	103	11	7.2	0.0	24.2	40
21/07/2023 11:00	5.4	96	9	7.9	0.0	24.4	39
21/07/2023 11:10	5.4	99	11	7.2	0.0	24.3	40
21/07/2023 11:20	4.9	93	9	7.0	0.0	25.0	36
21/07/2023 11:30	4.9	83	11	6.8	0.0	24.9	37
21/07/2023 11:40	4.5	90	13	6.9	0.0	25.1	36
21/07/2023 11:50	4.9	90	8	7.0	0.0	25.2	35
21/07/2023 12:00	4.2	92	12	6.5	0.0	25.6	34
21/07/2023 12:10	4.5	78	12	6.6	0.0	25.6	36
21/07/2023 12:20	4.3	76	11	6.2	0.0	25.4	36
21/07/2023 12:30	4.2	76	11	5.8	0.0	25.8	37
21/07/2023 12:40	4.2	78	10	6.1	0.0	25.6	38
21/07/2023 12:50	4.2	81	12	6.1	0.0	25.5	38
21/07/2023 13:00	4.6	78	10	6.3	0.0	25.6	39
21/07/2023 13:10	4.6	77	12	6.7	0.0	26.0	40
21/07/2023 13:20	6.0	68	11	8.0	0.0	25.6	39
21/07/2023 13:30	4.9	63	12	7.1	0.0	25.8	41
21/07/2023 13:40	4.9	68	9	7.2	0.0	25.6	41
21/07/2023 13:50	5.2	60	12	7.0	0.0	25.7	41
21/07/2023 14:00	5.2	54	8	7.3	0.0	25.5	43
21/07/2023 14:10	5.5	59	9	7.2	0.0	25.5	41
21/07/2023 14:20	5.6	55	7	7.3	0.0	25.7	41
21/07/2023 14:30	5.3	53	8	6.9	0.0	25.5	42
21/07/2023 14:40	5.7	53	10	7.7	0.0	25.6	40
21/07/2023 14:50	5.0	58	11	7.1	0.0	25.9	39
21/07/2023 15:00	5.6	50	8	7.3	0.0	25.7	39
21/07/2023 15:10	5.4	51	9	7.3	0.0	25.8	38
21/07/2023 15:20	5.5	51	8	7.1	0.0	25.9	38
21/07/2023 15:30	5.4	51	7	8.0	0.0	26.0	37
21/07/2023 15:40	5.4	49	7	7.1	0.0	25.9	37
21/07/2023 15:50	5.4	49	8	6.9	0.0	26.0	37
21/07/2023 16:00	5.3	50	7	7.1	0.0	26.0	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/07/2023 16:10	5.5	49	7	7.3	0.0	26.0	35
21/07/2023 16:20	5.1	51	7	6.8	0.0	26.0	36
21/07/2023 16:30	4.9	53	7	6.5	0.0	26.0	35
21/07/2023 16:40	5.3	53	6	6.7	0.0	26.0	35
21/07/2023 16:50	5.1	54	6	6.3	0.0	25.8	35
21/07/2023 17:00	4.8	57	7	6.2	0.0	25.7	35
21/07/2023 17:10	4.7	58	7	6.0	0.0	25.6	34
21/07/2023 17:20	4.3	56	7	6.0	0.0	25.4	35
21/07/2023 17:30	4.2	58	6	5.5	0.0	25.1	36
21/07/2023 17:40	3.2	50	5	4.2	0.0	24.4	36
21/07/2023 17:50	3.0	50	5	3.8	0.0	23.7	37
21/07/2023 18:00	3.0	51	4	3.8	0.0	23.4	38
21/07/2023 18:10	3.1	46	5	3.5	0.0	23.3	37
21/07/2023 18:20	3.2	47	4	3.9	0.0	23.1	37
21/07/2023 18:30	2.9	47	6	3.8	0.0	23.3	36
21/07/2023 18:40	2.9	50	4	3.4	0.0	22.6	38
21/07/2023 18:50	2.5	42	5	3.2	0.0	22.9	36
21/07/2023 19:00	2.7	47	5	3.5	0.0	23.3	35
21/07/2023 19:10	1.7	60	12	2.4	0.0	22.7	37
21/07/2023 19:20	0.6	84	38	1.2	0.0	22.4	39
21/07/2023 19:30	1.0	105	16	1.4	0.0	22.8	39
21/07/2023 19:40	0.7	75	11	1.0	0.0	22.5	41
21/07/2023 19:50	0.6	108	45	1.4	0.0	22.2	42
21/07/2023 20:00	1.0	101	17	1.8	0.0	22.5	41
21/07/2023 20:10	1.2	92	8	1.5	0.0	22.2	44
21/07/2023 20:20	0.9	65	10	1.4	0.0	21.8	45
21/07/2023 20:30	1.0	112	20	1.9	0.0	21.6	45
21/07/2023 20:40	1.1	99	22	1.6	0.0	22.0	44
21/07/2023 20:50	0.7	61	14	1.0	0.0	21.8	44
21/07/2023 21:00	0.6	113	30	1.3	0.0	21.4	45
21/07/2023 21:10	1.6	103	9	2.3	0.0	21.1	54
21/07/2023 21:20	1.7	80	12	2.5	0.0	20.3	57
21/07/2023 21:30	1.9	74	17	2.8	0.0	19.8	64
21/07/2023 21:40	1.8	96	17	2.6	0.0	19.7	68
21/07/2023 21:50	1.8	73	14	2.3	0.0	19.6	69
21/07/2023 22:00	1.8	70	8	2.3	0.0	19.8	66
21/07/2023 22:10	1.7	51	4	2.0	0.0	20.3	61
21/07/2023 22:20	1.3	67	11	1.9	0.0	20.6	55
21/07/2023 22:30	1.0	76	18	1.4	0.0	20.7	53
21/07/2023 22:40	0.9	83	18	1.3	0.0	20.1	57
21/07/2023 22:50	0.7	126	32	1.2	0.0	19.9	56
21/07/2023 23:00	1.0	61	23	1.6	0.0	19.8	56
21/07/2023 23:10	1.1	47	15	1.8	0.0	20.0	52
21/07/2023 23:20	0.9	219	30	1.5	0.0	19.4	56
21/07/2023 23:30	1.6	258	8	2.4	0.0	19.8	54
21/07/2023 23:40	2.9	256	8	3.8	0.0	20.2	52
21/07/2023 23:50	2.6	270	11	3.3	0.0	19.7	58
22/07/2023 00:00	1.8	272	8	2.5	0.0	20.5	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/07/2023 00:10	2.1	264	10	3.0	0.0	20.2	56
22/07/2023 00:20	1.1	168	54	1.9	0.0	19.9	57
22/07/2023 00:30	1.0	277	21	1.6	0.0	20.2	55
22/07/2023 00:40	1.0	227	19	1.5	0.0	20.2	54
22/07/2023 00:50	0.5	249	65	1.1	0.0	20.1	52
22/07/2023 01:00	1.6	175	37	3.4	0.0	20.1	51
22/07/2023 01:10	1.8	188	23	3.7	0.0	20.5	50
22/07/2023 01:20	2.7	178	11	4.3	0.0	20.9	46
22/07/2023 01:30	1.4	179	18	2.9	0.0	20.9	44
22/07/2023 01:40	0.6	188	62	1.3	0.0	20.7	44
22/07/2023 01:50	0.5	30	22	1.0	0.0	20.3	44
22/07/2023 02:00	1.1	27	16	1.6	0.0	19.3	47
22/07/2023 02:10	1.3	77	19	2.2	0.0	19.4	46
22/07/2023 02:20	1.5	104	14	2.3	0.0	20.3	42
22/07/2023 02:30	2.0	105	18	3.6	0.0	20.5	41
22/07/2023 02:40	2.4	106	15	4.0	0.0	20.4	42
22/07/2023 02:50	2.7	105	11	4.5	0.0	20.1	46
22/07/2023 03:00	2.6	92	13	4.1	0.0	19.6	50
22/07/2023 03:10	1.8	83	10	2.8	0.0	18.8	55
22/07/2023 03:20	2.6	106	12	4.3	0.0	19.5	52
22/07/2023 03:30	1.8	112	20	3.3	0.0	20.3	47
22/07/2023 03:40	2.1	107	20	3.7	0.0	20.3	51
22/07/2023 03:50	3.9	109	14	6.3	0.0	20.5	48
22/07/2023 04:00	5.3	106	12	9.2	0.0	20.9	44
22/07/2023 04:10	5.7	107	11	9.3	0.0	21.0	44
22/07/2023 04:20	6.1	106	11	9.4	0.0	20.9	44
22/07/2023 04:30	5.2	106	11	9.3	0.0	20.8	43
22/07/2023 04:40	4.9	108	14	7.9	0.0	20.7	43
22/07/2023 04:50	2.7	106	23	4.8	0.0	20.3	48
22/07/2023 05:00	2.8	120	24	5.3	0.0	20.0	45
22/07/2023 05:10	3.1	112	20	5.9	0.0	20.1	44
22/07/2023 05:20	2.5	124	28	4.8	0.0	19.9	44
22/07/2023 05:30	2.7	117	24	5.3	0.0	19.8	45
22/07/2023 05:40	2.8	127	25	5.7	0.0	19.7	44
22/07/2023 05:50	2.7	129	26	5.4	0.0	19.7	43
22/07/2023 06:00	3.1	120	25	5.8	0.0	19.7	43
22/07/2023 06:10	3.0	115	21	5.7	0.0	19.7	43
22/07/2023 06:20	3.2	114	22	5.6	0.0	19.6	44
22/07/2023 06:30	2.6	120	29	5.1	0.0	19.5	44
22/07/2023 06:40	3.2	132	22	5.5	0.0	19.4	44
22/07/2023 06:50	4.0	137	14	6.0	0.0	19.4	43
22/07/2023 07:00	2.8	126	26	5.2	0.0	19.1	44
22/07/2023 07:10	2.8	135	23	5.3	0.0	18.9	47
22/07/2023 07:20	2.5	126	25	4.6	0.0	19.0	46
22/07/2023 07:30	1.9	115	33	3.2	0.0	19.0	47
22/07/2023 07:40	2.2	113	20	3.8	0.0	19.4	45
22/07/2023 07:50	2.6	113	22	4.7	0.0	19.8	42
22/07/2023 08:00	2.6	132	26	5.6	0.0	20.0	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/07/2023 08:10	2.6	133	20	5.0	0.0	20.1	42
22/07/2023 08:20	3.1	136	15	5.1	0.0	20.1	42
22/07/2023 08:30	3.0	119	22	5.9	0.0	20.6	39
22/07/2023 08:40	3.2	114	19	6.3	0.0	21.0	39
22/07/2023 08:50	4.1	110	16	6.7	0.0	21.3	38
22/07/2023 09:00	3.4	117	20	5.9	0.0	21.8	37
22/07/2023 09:10	3.5	134	22	6.8	0.0	22.2	35
22/07/2023 09:20	4.3	139	19	7.5	0.0	22.2	34
22/07/2023 09:30	4.5	122	19	7.3	0.0	22.5	35
22/07/2023 09:40	3.4	128	22	5.5	0.0	23.0	36
22/07/2023 09:50	3.8	118	21	7.0	0.0	23.3	35
22/07/2023 10:00	3.2	128	23	5.9	0.0	23.6	35
22/07/2023 10:10	3.6	117	19	7.0	0.0	23.8	36
22/07/2023 10:20	4.6	111	15	8.0	0.0	23.6	36
22/07/2023 10:30	6.3	106	11	9.8	0.0	23.6	33
22/07/2023 10:40	6.8	108	11	9.6	0.0	23.8	32
22/07/2023 10:50	5.3	109	14	8.9	0.0	24.1	32
22/07/2023 11:00	5.8	107	13	9.2	0.0	24.2	32
22/07/2023 11:10	6.1	107	12	8.9	0.0	24.3	32
22/07/2023 11:20	6.6	104	10	9.1	0.0	24.3	33
22/07/2023 11:30	5.7	105	12	8.4	0.0	24.6	33
22/07/2023 11:40	5.3	106	11	8.8	0.0	24.8	33
22/07/2023 11:50	5.9	105	12	8.9	0.0	24.9	32
22/07/2023 12:00	6.3	107	11	9.5	0.0	25.2	28
22/07/2023 12:10	5.8	108	12	8.9	0.0	25.3	30
22/07/2023 12:20	6.1	99	11	9.2	0.0	25.5	31
22/07/2023 12:30	6.7	101	11	10.0	0.0	25.6	28
22/07/2023 12:40	6.7	99	9	9.4	0.0	25.4	31
22/07/2023 12:50	5.8	105	12	8.5	0.0	25.6	29
22/07/2023 13:00	6.0	107	11	9.0	0.0	25.4	31
22/07/2023 13:10	6.0	106	13	9.3	0.0	25.7	29
22/07/2023 13:20	5.2	106	12	8.4	0.0	25.7	31
22/07/2023 13:30	5.3	109	12	8.3	0.0	25.7	31
22/07/2023 13:40	5.1	106	11	7.7	0.0	25.7	31
22/07/2023 13:50	5.7	102	10	8.5	0.0	25.8	29
22/07/2023 14:00	5.4	102	12	7.7	0.0	25.9	30
22/07/2023 14:10	4.7	104	14	7.9	0.0	26.2	31
22/07/2023 14:20	6.1	94	10	8.7	0.0	25.9	32
22/07/2023 14:30	6.3	89	9	8.6	0.0	25.7	32
22/07/2023 14:40	6.9	90	8	9.4	0.0	25.5	33
22/07/2023 14:50	6.1	92	9	8.5	0.0	25.4	34
22/07/2023 15:00	6.2	86	9	9.6	0.0	25.9	32
22/07/2023 15:10	5.7	88	11	8.3	0.0	25.7	33
22/07/2023 15:20	6.4	82	10	8.8	0.0	25.6	34
22/07/2023 15:30	6.3	79	9	9.0	0.0	25.5	35
22/07/2023 15:40	5.0	81	9	7.1	0.0	25.4	38
22/07/2023 15:50	5.7	85	8	9.1	0.0	25.5	36
22/07/2023 16:00	5.8	78	9	8.5	0.0	25.6	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/07/2023 16:10	6.4	77	7	8.4	0.0	25.7	25
22/07/2023 16:20	6.0	77	7	8.3	0.0	25.5	27
22/07/2023 16:30	5.0	82	9	6.7	0.0	25.6	28
22/07/2023 16:40	5.0	82	8	7.7	0.0	25.3	33
22/07/2023 16:50	5.3	89	8	7.0	0.0	25.2	35
22/07/2023 17:00	4.4	91	11	6.7	0.0	25.2	34
22/07/2023 17:10	4.6	106	13	7.8	0.0	25.0	33
22/07/2023 17:20	4.2	107	11	7.2	0.0	24.8	34
22/07/2023 17:30	3.6	108	14	6.2	0.0	24.3	35
22/07/2023 17:40	4.4	107	12	6.8	0.0	23.8	37
22/07/2023 17:50	4.3	106	12	6.4	0.0	23.4	39
22/07/2023 18:00	2.5	111	25	5.0	0.0	23.2	37
22/07/2023 18:10	3.1	105	16	5.8	0.0	23.0	37
22/07/2023 18:20	2.4	109	19	4.6	0.0	22.8	37
22/07/2023 18:30	1.9	100	22	4.0	0.0	22.4	41
22/07/2023 18:40	1.7	97	19	3.3	0.0	22.0	42
22/07/2023 18:50	1.6	105	37	3.0	0.0	21.6	45
22/07/2023 19:00	1.7	104	35	3.6	0.0	21.2	47
22/07/2023 19:10	1.8	111	37	4.2	0.0	21.2	43
22/07/2023 19:20	2.0	99	25	3.7	0.0	21.2	41
22/07/2023 19:30	1.7	99	25	3.2	0.0	20.9	44
22/07/2023 19:40	1.8	102	21	3.0	0.0	20.7	43
22/07/2023 19:50	2.0	93	16	3.7	0.0	20.7	42
22/07/2023 20:00	2.1	91	15	3.2	0.0	20.1	44
22/07/2023 20:10	2.1	93	20	3.6	0.0	20.2	41
22/07/2023 20:20	2.2	92	15	3.3	0.0	20.0	43
22/07/2023 20:30	2.4	96	16	4.3	0.0	19.8	46
22/07/2023 20:40	2.4	97	15	4.2	0.0	19.7	46
22/07/2023 20:50	2.3	101	17	3.6	0.0	19.6	46
22/07/2023 21:00	2.2	95	17	3.2	0.0	19.5	45
22/07/2023 21:10	2.1	93	17	3.5	0.0	19.3	46
22/07/2023 21:20	2.0	92	22	3.7	0.0	19.2	44
22/07/2023 21:30	1.9	99	21	3.0	0.0	19.2	41
22/07/2023 21:40	1.9	102	28	3.2	0.0	19.2	40
22/07/2023 21:50	1.9	87	20	3.1	0.0	18.8	43
22/07/2023 22:00	2.0	96	19	3.5	0.0	18.5	44
22/07/2023 22:10	2.0	99	18	3.5	0.0	18.5	43
22/07/2023 22:20	2.4	96	16	3.8	0.0	18.8	42
22/07/2023 22:30	2.2	100	19	3.8	0.0	18.8	42
22/07/2023 22:40	2.4	98	18	3.7	0.0	18.8	42
22/07/2023 22:50	2.6	95	15	4.2	0.0	19.0	41
22/07/2023 23:00	2.4	94	17	4.0	0.0	18.9	44
22/07/2023 23:10	2.3	101	17	4.3	0.0	18.9	40
22/07/2023 23:20	2.4	102	16	3.9	0.0	19.1	37
22/07/2023 23:30	1.9	102	22	3.7	0.0	18.9	41
22/07/2023 23:40	1.8	103	24	3.2	0.0	18.8	43
22/07/2023 23:50	1.8	104	25	3.4	0.0	18.6	44
23/07/2023 00:00	1.9	102	23	3.1	0.0	18.6	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/07/2023 00:10	1.9	103	20	3.5	0.0	18.6	43
23/07/2023 00:20	2.5	104	17	4.0	0.0	18.7	42
23/07/2023 00:30	3.0	108	14	5.3	0.0	19.1	39
23/07/2023 00:40	3.7	107	13	5.8	0.0	19.3	37
23/07/2023 00:50	4.1	107	11	7.1	0.0	19.4	36
23/07/2023 01:00	4.2	105	11	7.0	0.0	19.4	36
23/07/2023 01:10	4.4	107	11	7.5	0.0	19.4	36
23/07/2023 01:20	4.8	107	12	6.8	0.0	19.5	35
23/07/2023 01:30	4.4	105	12	6.5	0.0	19.4	37
23/07/2023 01:40	4.7	106	11	7.3	0.0	19.4	36
23/07/2023 01:50	5.3	108	13	8.3	0.0	19.4	33
23/07/2023 02:00	5.4	105	11	8.0	0.0	19.4	34
23/07/2023 02:10	5.7	105	11	8.8	0.0	19.4	33
23/07/2023 02:20	6.2	107	12	9.3	0.0	19.4	31
23/07/2023 02:30	7.3	107	11	10.6	0.0	19.6	29
23/07/2023 02:40	7.0	107	10	13.0	0.0	19.5	30
23/07/2023 02:50	6.8	108	12	10.3	0.0	19.4	31
23/07/2023 03:00	7.6	107	10	11.6	0.0	19.4	30
23/07/2023 03:10	7.6	108	11	11.6	0.0	19.4	30
23/07/2023 03:20	7.5	106	11	12.7	0.0	19.3	31
23/07/2023 03:30	7.7	108	12	11.1	0.0	19.3	30
23/07/2023 03:40	7.5	105	10	12.2	0.0	19.2	31
23/07/2023 03:50	7.9	107	11	13.1	0.0	19.2	31
23/07/2023 04:00	6.6	107	11	10.6	0.0	19.1	33
23/07/2023 04:10	7.9	107	11	12.0	0.0	19.1	32
23/07/2023 04:20	8.6	108	11	13.7	0.0	19.1	30
23/07/2023 04:30	8.5	108	12	14.5	0.0	19.0	30
23/07/2023 04:40	7.5	105	10	12.1	0.0	18.9	32
23/07/2023 04:50	8.2	107	11	12.8	0.0	18.9	32
23/07/2023 05:00	8.6	105	11	13.5	0.0	18.9	31
23/07/2023 05:10	8.6	108	11	13.7	0.0	18.8	31
23/07/2023 05:20	8.8	108	11	14.4	0.0	18.8	31
23/07/2023 05:30	8.1	106	11	11.6	0.0	18.8	32
23/07/2023 05:40	8.8	107	12	14.0	0.0	18.7	31
23/07/2023 05:50	8.7	107	12	13.3	0.0	18.6	31
23/07/2023 06:00	8.2	106	10	12.9	0.0	18.5	32
23/07/2023 06:10	8.7	105	11	12.2	0.0	18.5	31
23/07/2023 06:20	8.9	107	11	14.0	0.0	18.4	31
23/07/2023 06:30	7.7	106	13	11.1	0.0	18.3	33
23/07/2023 06:40	8.2	106	9	14.2	0.0	18.2	32
23/07/2023 06:50	6.7	106	10	9.5	0.0	18.2	34
23/07/2023 07:00	7.0	106	11	10.9	0.0	18.1	34
23/07/2023 07:10	7.7	105	11	11.5	0.0	18.2	33
23/07/2023 07:20	7.3	105	11	11.4	0.0	18.3	32
23/07/2023 07:30	7.5	105	11	12.1	0.0	18.3	33
23/07/2023 07:40	7.0	107	13	10.8	0.0	18.5	32
23/07/2023 07:50	7.4	104	11	11.4	0.0	18.5	31
23/07/2023 08:00	7.7	105	11	12.2	0.0	18.6	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/07/2023 08:10	7.7	107	12	11.6	0.0	18.6	31
23/07/2023 08:20	7.7	104	11	11.9	0.0	18.8	31
23/07/2023 08:30	6.8	104	12	10.9	0.0	18.9	31
23/07/2023 08:40	7.8	104	12	12.6	0.0	19.0	29
23/07/2023 08:50	7.3	101	10	10.8	0.0	19.4	30
23/07/2023 09:00	7.9	101	12	12.3	0.0	19.7	29
23/07/2023 09:10	7.6	101	12	11.2	0.0	20.0	28
23/07/2023 09:20	7.5	101	11	12.2	0.0	20.3	28
23/07/2023 09:30	8.3	99	10	12.1	0.0	20.6	28
23/07/2023 09:40	8.1	102	10	13.3	0.0	20.9	27
23/07/2023 09:50	8.5	101	10	13.3	0.0	21.2	27
23/07/2023 10:00	7.7	101	10	11.8	0.0	21.4	27
23/07/2023 10:10	8.1	99	10	12.5	0.0	21.6	28
23/07/2023 10:20	7.9	99	11	11.8	0.0	21.8	27
23/07/2023 10:30	7.1	99	11	10.7	0.0	22.1	28
23/07/2023 10:40	7.7	91	9	11.6	0.0	22.3	31
23/07/2023 10:50	8.4	91	9	12.1	0.0	22.2	30
23/07/2023 11:00	8.6	89	9	11.7	0.0	22.2	29
23/07/2023 11:10	8.0	88	8	11.2	0.0	22.4	29
23/07/2023 11:20	8.7	86	9	11.9	0.0	22.4	27
23/07/2023 11:30	8.6	86	8	12.0	0.0	22.6	27
23/07/2023 11:40	8.3	87	9	13.0	0.0	22.6	28
23/07/2023 11:50	8.4	89	9	12.0	0.0	22.7	30
23/07/2023 12:00	8.2	89	9	12.0	0.0	23.1	28
23/07/2023 12:10	8.1	89	9	11.8	0.0	23.2	28
23/07/2023 12:20	7.2	86	9	11.4	0.0	23.6	29
23/07/2023 12:30	7.2	84	9	9.8	0.0	23.6	31
23/07/2023 12:40	7.4	82	10	10.8	0.0	23.7	31
23/07/2023 12:50	8.1	74	8	12.1	0.0	23.4	32
23/07/2023 13:00	7.8	73	8	11.1	0.0	23.8	32
23/07/2023 13:10	8.2	73	7	11.8	0.0	23.5	32
23/07/2023 13:20	8.4	74	7	11.5	0.0	23.7	32
23/07/2023 13:30	8.4	76	8	11.2	0.0	23.7	34
23/07/2023 13:40	8.9	77	8	12.1	0.0	23.6	33
23/07/2023 13:50	8.4	76	8	11.7	0.0	23.7	34
23/07/2023 14:00	7.3	77	11	11.2	0.0	24.1	34
23/07/2023 14:10	7.5	82	8	10.3	0.0	24.3	33
23/07/2023 14:20	7.3	80	11	10.4	0.0	24.5	33
23/07/2023 14:30	8.6	77	7	12.2	0.0	23.9	34
23/07/2023 14:40	8.8	77	9	11.8	0.0	23.8	35
23/07/2023 14:50	7.5	79	10	11.0	0.0	24.0	35
23/07/2023 15:00	7.9	75	9	10.8	0.0	24.0	36
23/07/2023 15:10	8.5	74	7	11.1	0.0	23.9	34
23/07/2023 15:20	8.6	74	7	11.7	0.0	23.9	33
23/07/2023 15:30	8.8	76	7	11.7	0.0	23.9	34
23/07/2023 15:40	7.7	79	9	11.5	0.0	23.8	36
23/07/2023 15:50	6.6	81	8	9.9	0.0	23.9	38
23/07/2023 16:00	5.7	75	10	8.2	0.0	24.2	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/07/2023 16:10	5.5	72	10	7.8	0.0	24.2	38
23/07/2023 16:20	5.9	68	9	8.2	0.0	24.0	38
23/07/2023 16:30	5.9	65	8	8.3	0.0	23.8	36
23/07/2023 16:40	6.2	64	8	8.7	0.0	23.7	36
23/07/2023 16:50	6.2	65	9	8.3	0.0	23.6	36
23/07/2023 17:00	6.0	67	8	8.2	0.0	23.5	35
23/07/2023 17:10	6.0	67	8	8.3	0.0	23.4	35
23/07/2023 17:20	5.5	65	7	7.2	0.0	23.1	37
23/07/2023 17:30	5.3	65	8	7.7	0.0	22.7	40
23/07/2023 17:40	5.2	65	8	6.9	0.0	22.3	39
23/07/2023 17:50	4.8	66	8	6.7	0.0	22.0	41
23/07/2023 18:00	4.0	69	8	5.7	0.0	21.6	46
23/07/2023 18:10	4.0	73	7	6.1	0.0	21.3	48
23/07/2023 18:20	3.4	68	8	5.1	0.0	21.2	48
23/07/2023 18:30	3.6	70	9	5.2	0.0	20.8	52
23/07/2023 18:40	3.3	70	7	4.7	0.0	20.6	55
23/07/2023 18:50	2.9	73	7	3.9	0.0	20.3	57
23/07/2023 19:00	3.3	78	6	4.2	0.0	20.2	60
23/07/2023 19:10	3.3	76	6	4.1	0.0	20.2	63
23/07/2023 19:20	3.2	77	6	4.4	0.0	19.9	66
23/07/2023 19:30	2.1	99	9	2.9	0.0	19.8	69
23/07/2023 19:40	1.9	101	11	2.7	0.0	19.6	71
23/07/2023 19:50	2.2	74	7	3.1	0.0	18.9	71
23/07/2023 20:00	1.7	102	10	2.2	0.0	18.6	71
23/07/2023 20:10	1.8	108	14	2.3	0.0	19.1	71
23/07/2023 20:20	2.0	98	11	2.6	0.0	18.9	69
23/07/2023 20:30	2.1	73	6	2.7	0.0	18.4	68
23/07/2023 20:40	2.3	80	9	3.1	0.0	18.0	67
23/07/2023 20:50	3.0	70	6	4.3	0.0	18.4	69
23/07/2023 21:00	2.6	83	8	3.7	0.0	18.7	69
23/07/2023 21:10	2.2	91	9	3.7	0.0	18.7	68
23/07/2023 21:20	1.9	96	11	2.5	0.0	18.7	69
23/07/2023 21:30	2.0	83	8	2.7	0.0	18.3	68
23/07/2023 21:40	2.3	77	8	3.0	0.0	18.2	57
23/07/2023 21:50	2.2	94	11	3.1	0.0	18.5	54
23/07/2023 22:00	2.1	101	10	3.0	0.0	18.3	61
23/07/2023 22:10	2.9	90	8	4.4	0.0	18.1	56
23/07/2023 22:20	3.8	95	7	5.2	0.0	19.0	49
23/07/2023 22:30	4.0	95	9	5.2	0.0	19.3	49
23/07/2023 22:40	4.9	99	11	6.9	0.0	19.4	47
23/07/2023 22:50	5.1	97	8	7.8	0.0	19.6	46
23/07/2023 23:00	5.4	94	8	7.5	0.0	19.6	46
23/07/2023 23:10	5.7	95	8	8.4	0.0	19.7	44
23/07/2023 23:20	5.5	93	8	7.9	0.0	19.5	44
23/07/2023 23:30	5.1	93	8	7.7	0.0	19.2	46
23/07/2023 23:40	5.5	92	8	7.5	0.0	19.1	49
23/07/2023 23:50	5.8	91	7	8.0	0.0	19.1	51
24/07/2023 00:00	6.3	94	8	9.5	0.0	19.1	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/07/2023 00:10	6.4	94	7	9.5	0.0	19.3	48
24/07/2023 00:20	6.7	94	7	9.9	0.0	19.4	47
24/07/2023 00:30	6.9	94	8	9.4	0.0	19.6	47
24/07/2023 00:40	7.2	95	8	10.7	0.0	19.7	46
24/07/2023 00:50	7.9	96	8	11.5	0.0	19.9	44
24/07/2023 01:00	8.6	94	8	12.5	0.0	19.9	44
24/07/2023 01:10	8.2	95	8	11.8	0.0	19.8	45
24/07/2023 01:20	7.7	96	8	10.5	0.0	19.5	45
24/07/2023 01:30	7.6	96	9	10.9	0.0	19.4	45
24/07/2023 01:40	7.6	96	8	11.2	0.0	19.3	44
24/07/2023 01:50	7.6	97	8	10.6	0.0	19.3	44
24/07/2023 02:00	8.3	97	9	12.2	0.0	19.3	42
24/07/2023 02:10	8.3	98	9	12.2	0.0	19.2	42
24/07/2023 02:20	8.3	96	8	11.2	0.0	19.1	42
24/07/2023 02:30	7.5	97	8	11.0	0.0	19.0	41
24/07/2023 02:40	8.1	98	8	12.6	0.0	19.0	40
24/07/2023 02:50	8.7	96	8	12.0	0.0	19.0	37
24/07/2023 03:00	6.9	101	8	10.4	0.0	18.8	39
24/07/2023 03:10	6.8	103	11	10.4	0.0	18.5	38
24/07/2023 03:20	6.6	105	11	10.3	0.0	18.1	37
24/07/2023 03:30	6.6	103	10	9.4	0.0	17.9	38
24/07/2023 03:40	6.1	103	11	9.5	0.0	18.0	40
24/07/2023 03:50	6.1	104	11	8.8	0.0	18.0	39
24/07/2023 04:00	5.8	104	11	8.7	0.0	17.9	41
24/07/2023 04:10	5.8	104	10	8.8	0.0	17.7	41
24/07/2023 04:20	6.3	106	10	9.5	0.0	17.6	39
24/07/2023 04:30	6.2	105	10	9.1	0.0	17.6	39
24/07/2023 04:40	6.3	104	10	9.3	0.0	17.4	39
24/07/2023 04:50	6.4	104	11	9.5	0.0	17.3	39
24/07/2023 05:00	6.6	104	12	9.6	0.0	17.2	39
24/07/2023 05:10	7.0	102	9	10.5	0.0	17.1	39
24/07/2023 05:20	6.7	104	11	10.4	0.0	17.0	40
24/07/2023 05:30	6.5	102	11	9.4	0.0	17.1	41
24/07/2023 05:40	6.4	102	11	10.4	0.0	17.0	42
24/07/2023 05:50	6.8	99	10	10.2	0.0	17.1	41
24/07/2023 06:00	7.4	101	10	12.3	0.0	17.2	40
24/07/2023 06:10	6.9	103	11	10.7	0.0	17.2	39
24/07/2023 06:20	6.7	100	10	10.8	0.0	17.2	40
24/07/2023 06:30	7.4	100	10	10.6	0.0	17.2	40
24/07/2023 06:40	7.7	97	9	12.4	0.0	17.3	40
24/07/2023 06:50	8.5	93	7	12.0	0.0	17.4	40
24/07/2023 07:00	9.6	94	9	14.1	0.0	17.2	39
24/07/2023 07:10	9.6	93	7	14.3	0.0	17.1	40
24/07/2023 07:20	10.2	94	7	14.3	0.0	17.1	40
24/07/2023 07:30	10.1	92	8	15.0	0.0	17.1	40
24/07/2023 07:40	9.1	95	8	13.9	0.0	17.1	40
24/07/2023 07:50	10.0	92	6	14.3	0.0	17.2	40
24/07/2023 08:00	9.7	95	7	14.2	0.0	17.2	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/07/2023 08:10	10.0	95	8	14.7	0.0	17.2	40
24/07/2023 08:20	9.3	97	8	12.7	0.0	17.2	41
24/07/2023 08:30	9.4	99	7	13.7	0.0	17.2	42
24/07/2023 08:40	9.3	98	9	13.4	0.0	17.4	42
24/07/2023 08:50	9.0	99	9	13.8	0.0	17.6	42
24/07/2023 09:00	8.6	100	10	12.5	0.0	17.7	43
24/07/2023 09:10	8.8	100	9	12.7	0.0	17.9	44
24/07/2023 09:20	9.0	97	7	12.3	0.0	18.2	45
24/07/2023 09:30	9.3	96	10	13.5	0.0	18.7	46
24/07/2023 09:40	10.8	89	8	16.4	0.0	19.5	42
24/07/2023 09:50	11.2	87	7	16.7	0.0	19.6	41
24/07/2023 10:00	10.0	86	9	15.6	0.0	19.7	42
24/07/2023 10:10	11.2	89	8	15.2	0.0	19.7	43
24/07/2023 10:20	10.8	86	7	16.2	0.0	19.9	42
24/07/2023 10:30	11.5	85	8	16.0	0.0	20.0	41
24/07/2023 10:40	11.1	85	8	16.6	0.0	20.0	41
24/07/2023 10:50	12.3	85	8	16.4	0.0	20.0	40
24/07/2023 11:00	10.8	83	8	16.1	0.0	20.1	41
24/07/2023 11:10	10.3	83	8	14.8	0.0	20.4	41
24/07/2023 11:20	10.9	84	7	15.4	0.0	20.4	40
24/07/2023 11:30	10.2	82	8	15.8	0.0	20.6	41
24/07/2023 11:40	9.7	86	8	14.7	0.0	20.7	42
24/07/2023 11:50	8.9	87	9	12.9	0.0	20.9	43
24/07/2023 12:00	9.8	84	8	12.9	0.0	21.0	46
24/07/2023 12:10	10.0	85	9	14.4	0.0	21.4	45
24/07/2023 12:20	10.6	79	8	14.9	0.0	21.2	45
24/07/2023 12:30	10.5	81	8	15.9	0.0	21.3	45
24/07/2023 12:40	10.8	81	8	15.1	0.0	21.2	45
24/07/2023 12:50	10.9	82	7	15.5	0.0	21.1	44
24/07/2023 13:00	10.2	85	8	14.5	0.0	21.5	42
24/07/2023 13:10	9.0	82	8	13.7	0.0	21.6	43
24/07/2023 13:20	9.9	85	10	13.1	0.0	21.5	42
24/07/2023 13:30	10.5	85	8	15.2	0.0	21.4	41
24/07/2023 13:40	9.8	85	8	13.5	0.0	21.4	41
24/07/2023 13:50	9.8	81	9	13.1	0.0	21.7	41
24/07/2023 14:00	10.0	78	7	14.0	0.0	21.2	42
24/07/2023 14:10	9.8	75	7	13.4	0.0	21.2	44
24/07/2023 14:20	8.9	77	8	13.0	0.0	21.4	44
24/07/2023 14:30	9.9	75	6	13.1	0.0	21.2	45
24/07/2023 14:40	9.1	77	8	12.6	0.0	21.4	45
24/07/2023 14:50	9.1	79	7	12.2	0.0	21.5	46
24/07/2023 15:00	9.5	80	9	13.8	0.0	21.9	42
24/07/2023 15:10	9.1	74	8	12.7	0.0	22.1	40
24/07/2023 15:20	8.3	71	11	12.8	0.0	22.1	42
24/07/2023 15:30	9.5	63	7	12.5	0.0	21.9	41
24/07/2023 15:40	9.1	66	8	12.8	0.0	22.0	40
24/07/2023 15:50	8.9	67	9	11.8	0.0	21.9	42
24/07/2023 16:00	9.5	65	7	12.9	0.0	21.6	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/07/2023 16:10	8.5	61	7	12.5	0.0	21.3	50
24/07/2023 16:20	7.6	54	8	10.4	0.0	21.4	52
24/07/2023 16:30	7.5	56	8	10.4	0.0	21.3	53
24/07/2023 16:40	7.9	57	6	10.7	0.0	21.0	54
24/07/2023 16:50	7.4	58	8	10.5	0.0	20.9	55
24/07/2023 17:00	7.3	58	8	10.1	0.0	20.7	57
24/07/2023 17:10	6.3	57	8	9.1	0.0	20.7	58
24/07/2023 17:20	7.0	58	7	9.6	0.0	20.5	59
24/07/2023 17:30	5.7	56	8	8.5	0.0	20.3	60
24/07/2023 17:40	5.5	57	7	7.5	0.0	20.0	61
24/07/2023 17:50	5.2	58	7	7.5	0.0	19.8	63
24/07/2023 18:00	4.4	55	6	6.2	0.0	19.7	63
24/07/2023 18:10	4.2	56	8	6.4	0.0	19.6	63
24/07/2023 18:20	4.4	59	7	6.4	0.0	19.7	61
24/07/2023 18:30	3.4	59	7	5.2	0.0	19.5	63
24/07/2023 18:40	3.7	61	6	5.2	0.0	19.4	63
24/07/2023 18:50	2.8	62	6	4.2	0.0	19.1	66
24/07/2023 19:00	2.7	62	6	3.7	0.0	18.9	67
24/07/2023 19:10	3.1	62	7	4.5	0.0	18.8	68
24/07/2023 19:20	3.0	60	6	3.9	0.0	18.8	67
24/07/2023 19:30	2.7	54	5	3.5	0.0	18.6	68
24/07/2023 19:40	2.6	58	6	3.7	0.0	18.6	68
24/07/2023 19:50	2.5	55	4	3.5	0.0	18.4	69
24/07/2023 20:00	2.5	53	3	3.1	0.0	18.3	69
24/07/2023 20:10	2.5	52	3	3.1	0.0	18.2	69
24/07/2023 20:20	2.2	51	2	2.5	0.0	18.2	70
24/07/2023 20:30	2.2	53	2	2.5	0.0	18.1	70
24/07/2023 20:40	1.4	58	4	1.9	0.0	17.9	70
24/07/2023 20:50	0.8	105	21	1.2	0.0	17.6	70
24/07/2023 21:00	0.3	176	32	0.6	0.0	17.6	71
24/07/2023 21:10	0.6	63	15	0.8	0.0	18.0	71
24/07/2023 21:20	0.8	55	5	0.9	0.0	18.0	70
24/07/2023 21:30	1.0	55	5	1.2	0.0	17.6	71
24/07/2023 21:40	1.2	51	3	1.4	0.0	17.4	71
24/07/2023 21:50	1.4	84	13	1.7	0.0	17.1	71
24/07/2023 22:00	1.4	76	11	1.9	0.0	17.6	71
24/07/2023 22:10	1.4	68	11	1.9	0.0	17.0	70
24/07/2023 22:20	1.4	53	12	2.3	0.0	17.2	68
24/07/2023 22:30	1.5	45	13	2.6	0.0	17.2	69
24/07/2023 22:40	1.6	56	14	2.5	0.0	17.4	69
24/07/2023 22:50	1.6	52	10	2.2	0.0	17.3	70
24/07/2023 23:00	1.4	60	15	2.0	0.0	17.3	70
24/07/2023 23:10	1.5	51	9	2.1	0.0	17.3	70
24/07/2023 23:20	1.8	58	7	2.4	0.0	17.2	70
24/07/2023 23:30	1.8	63	6	2.3	0.0	16.9	71
24/07/2023 23:40	1.9	61	6	2.4	0.0	16.6	70
24/07/2023 23:50	1.8	71	6	2.2	0.0	16.2	70
25/07/2023 00:00	1.8	65	6	2.3	0.0	16.2	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/07/2023 00:10	1.7	62	8	2.3	0.0	16.5	70
25/07/2023 00:20	1.8	75	7	2.1	0.0	16.5	70
25/07/2023 00:30	1.9	69	6	2.6	0.0	16.3	71
25/07/2023 00:40	2.1	67	6	2.6	0.0	16.3	71
25/07/2023 00:50	2.1	53	5	2.5	0.0	16.2	71
25/07/2023 01:00	1.8	49	10	2.3	0.0	16.0	71
25/07/2023 01:10	1.9	80	6	2.5	0.0	15.6	70
25/07/2023 01:20	1.5	74	6	2.0	0.0	15.6	70
25/07/2023 01:30	0.9	62	17	1.3	0.0	16.0	70
25/07/2023 01:40	1.2	57	14	1.7	0.0	15.6	70
25/07/2023 01:50	1.5	83	9	2.4	0.0	15.4	69
25/07/2023 02:00	1.3	87	18	2.3	0.0	15.6	68
25/07/2023 02:10	1.3	87	17	2.1	0.0	15.4	67
25/07/2023 02:20	1.7	93	14	3.0	0.0	15.2	65
25/07/2023 02:30	1.8	90	14	3.1	0.0	15.7	64
25/07/2023 02:40	2.7	101	13	3.9	0.0	16.2	65
25/07/2023 02:50	2.1	102	14	3.2	0.0	16.4	66
25/07/2023 03:00	2.8	102	13	4.7	0.0	16.4	66
25/07/2023 03:10	3.7	105	10	5.5	0.0	16.6	68
25/07/2023 03:20	4.6	108	11	6.8	0.0	16.8	69
25/07/2023 03:30	4.6	106	12	7.1	0.0	16.8	69
25/07/2023 03:40	4.7	108	11	8.0	0.0	16.8	69
25/07/2023 03:50	5.0	105	11	7.4	0.0	16.8	70
25/07/2023 04:00	5.3	104	10	7.7	0.0	16.8	70
25/07/2023 04:10	5.6	107	10	7.9	0.0	16.8	70
25/07/2023 04:20	5.3	107	11	7.6	0.0	16.8	70
25/07/2023 04:30	5.3	104	9	8.1	0.0	16.9	69
25/07/2023 04:40	5.3	103	11	8.1	0.0	16.8	68
25/07/2023 04:50	5.2	101	11	8.0	0.0	16.9	67
25/07/2023 05:00	5.7	100	9	8.0	0.0	17.1	64
25/07/2023 05:10	6.1	96	8	9.1	0.0	17.4	59
25/07/2023 05:20	6.5	96	9	9.3	0.0	17.6	55
25/07/2023 05:30	7.1	92	7	10.4	0.0	17.7	55
25/07/2023 05:40	8.0	93	7	10.6	0.0	17.3	58
25/07/2023 05:50	7.1	91	7	9.6	0.0	17.1	61
25/07/2023 06:00							
25/07/2023 06:10							
25/07/2023 06:20							
25/07/2023 06:30							
25/07/2023 06:40							
25/07/2023 06:50							
25/07/2023 07:00							
25/07/2023 07:10							
25/07/2023 07:20							
25/07/2023 07:30							
25/07/2023 07:40							
25/07/2023 07:50							
25/07/2023 08:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/07/2023 08:10							
25/07/2023 08:20							
25/07/2023 08:30							
25/07/2023 08:40							
25/07/2023 08:50							
25/07/2023 09:00							
25/07/2023 09:10							
25/07/2023 09:20							
25/07/2023 09:30							
25/07/2023 09:40							
25/07/2023 09:50							
25/07/2023 10:00							
25/07/2023 10:10							
25/07/2023 10:20							
25/07/2023 10:30							
25/07/2023 10:40							
25/07/2023 10:50							
25/07/2023 11:00							
25/07/2023 11:10							
25/07/2023 11:20							
25/07/2023 11:30							
25/07/2023 11:40							
25/07/2023 11:50							
25/07/2023 12:00							
25/07/2023 12:10							
25/07/2023 12:20							
25/07/2023 12:30							
25/07/2023 12:40							
25/07/2023 12:50							
25/07/2023 13:00							
25/07/2023 13:10							
25/07/2023 13:20							
25/07/2023 13:30							
25/07/2023 13:40							
25/07/2023 13:50							
25/07/2023 14:00							
25/07/2023 14:10							
25/07/2023 14:20							
25/07/2023 14:30							
25/07/2023 14:40							
25/07/2023 14:50							
25/07/2023 15:00							
25/07/2023 15:10							
25/07/2023 15:20							
25/07/2023 15:30							
25/07/2023 15:40							
25/07/2023 15:50							
25/07/2023 16:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/07/2023 16:10							
25/07/2023 16:20							
25/07/2023 16:30							
25/07/2023 16:40							
25/07/2023 16:50							
25/07/2023 17:00							
25/07/2023 17:10							
25/07/2023 17:20							
25/07/2023 17:30							
25/07/2023 17:40							
25/07/2023 17:50							
25/07/2023 18:00							
25/07/2023 18:10							
25/07/2023 18:20							
25/07/2023 18:30							
25/07/2023 18:40							
25/07/2023 18:50							
25/07/2023 19:00							
25/07/2023 19:10							
25/07/2023 19:20							
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25/07/2023 19:40							
25/07/2023 19:50							
25/07/2023 20:00							
25/07/2023 20:10							
25/07/2023 20:20							
25/07/2023 20:30							
25/07/2023 20:40							
25/07/2023 20:50							
25/07/2023 21:00							
25/07/2023 21:10							
25/07/2023 21:20							
25/07/2023 21:30							
25/07/2023 21:40							
25/07/2023 21:50							
25/07/2023 22:00							
25/07/2023 22:10							
25/07/2023 22:20							
25/07/2023 22:30							
25/07/2023 22:40							
25/07/2023 22:50							
25/07/2023 23:00							
25/07/2023 23:10							
25/07/2023 23:20							
25/07/2023 23:30							
25/07/2023 23:40							
25/07/2023 23:50							
26/07/2023 00:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/07/2023 00:10							
26/07/2023 00:20							
26/07/2023 00:30							
26/07/2023 00:40							
26/07/2023 00:50							
26/07/2023 01:00							
26/07/2023 01:10							
26/07/2023 01:20							
26/07/2023 01:30							
26/07/2023 01:40							
26/07/2023 01:50							
26/07/2023 02:00							
26/07/2023 02:10							
26/07/2023 02:20							
26/07/2023 02:30							
26/07/2023 02:40							
26/07/2023 02:50							
26/07/2023 03:00							
26/07/2023 03:10							
26/07/2023 03:20							
26/07/2023 03:30							
26/07/2023 03:40							
26/07/2023 03:50							
26/07/2023 04:00							
26/07/2023 04:10							
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26/07/2023 04:30							
26/07/2023 04:40							
26/07/2023 04:50							
26/07/2023 05:00							
26/07/2023 05:10							
26/07/2023 05:20							
26/07/2023 05:30							
26/07/2023 05:40							
26/07/2023 05:50							
26/07/2023 06:00							
26/07/2023 06:10							
26/07/2023 06:20							
26/07/2023 06:30							
26/07/2023 06:40							
26/07/2023 06:50							
26/07/2023 07:00							
26/07/2023 07:10							
26/07/2023 07:20							
26/07/2023 07:30							
26/07/2023 07:40							
26/07/2023 07:50							
26/07/2023 08:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/07/2023 08:10							
26/07/2023 08:20							
26/07/2023 08:30							
26/07/2023 08:40							
26/07/2023 08:50							
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26/07/2023 09:10							
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26/07/2023 09:40							
26/07/2023 09:50							
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26/07/2023 10:20							
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26/07/2023 10:40							
26/07/2023 10:50							
26/07/2023 11:00							
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26/07/2023 11:40							
26/07/2023 11:50							
26/07/2023 12:00							
26/07/2023 12:10							
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26/07/2023 13:40							
26/07/2023 13:50							
26/07/2023 14:00							
26/07/2023 14:10							
26/07/2023 14:20							
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26/07/2023 14:40							
26/07/2023 14:50							
26/07/2023 15:00							
26/07/2023 15:10							
26/07/2023 15:20							
26/07/2023 15:30							
26/07/2023 15:40							
26/07/2023 15:50							
26/07/2023 16:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/07/2023 16:10							
26/07/2023 16:20							
26/07/2023 16:30							
26/07/2023 16:40							
26/07/2023 16:50							
26/07/2023 17:00							
26/07/2023 17:10							
26/07/2023 17:20							
26/07/2023 17:30							
26/07/2023 17:40							
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26/07/2023 18:00							
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26/07/2023 18:40							
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26/07/2023 19:00							
26/07/2023 19:10							
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26/07/2023 19:40							
26/07/2023 19:50							
26/07/2023 20:00							
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26/07/2023 20:40							
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26/07/2023 21:00							
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26/07/2023 21:20							
26/07/2023 21:30							
26/07/2023 21:40							
26/07/2023 21:50							
26/07/2023 22:00							
26/07/2023 22:10							
26/07/2023 22:20							
26/07/2023 22:30							
26/07/2023 22:40							
26/07/2023 22:50							
26/07/2023 23:00							
26/07/2023 23:10							
26/07/2023 23:20							
26/07/2023 23:30							
26/07/2023 23:40							
26/07/2023 23:50							
27/07/2023 00:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/07/2023 00:10							
27/07/2023 00:20							
27/07/2023 00:30							
27/07/2023 00:40							
27/07/2023 00:50							
27/07/2023 01:00							
27/07/2023 01:10							
27/07/2023 01:20							
27/07/2023 01:30							
27/07/2023 01:40							
27/07/2023 01:50							
27/07/2023 02:00							
27/07/2023 02:10							
27/07/2023 02:20							
27/07/2023 02:30							
27/07/2023 02:40							
27/07/2023 02:50							
27/07/2023 03:00							
27/07/2023 03:10							
27/07/2023 03:20							
27/07/2023 03:30							
27/07/2023 03:40							
27/07/2023 03:50							
27/07/2023 04:00							
27/07/2023 04:10							
27/07/2023 04:20							
27/07/2023 04:30							
27/07/2023 04:40							
27/07/2023 04:50							
27/07/2023 05:00							
27/07/2023 05:10							
27/07/2023 05:20							
27/07/2023 05:30							
27/07/2023 05:40							
27/07/2023 05:50							
27/07/2023 06:00							
27/07/2023 06:10							
27/07/2023 06:20							
27/07/2023 06:30							
27/07/2023 06:40							
27/07/2023 06:50							
27/07/2023 07:00							
27/07/2023 07:10							
27/07/2023 07:20							
27/07/2023 07:30							
27/07/2023 07:40							
27/07/2023 07:50							
27/07/2023 08:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/07/2023 08:10							
27/07/2023 08:20							
27/07/2023 08:30							
27/07/2023 08:40							
27/07/2023 08:50							
27/07/2023 09:00							
27/07/2023 09:10							
27/07/2023 09:20							
27/07/2023 09:30							
27/07/2023 09:40							
27/07/2023 09:50							
27/07/2023 10:00							
27/07/2023 10:10							
27/07/2023 10:20							
27/07/2023 10:30							
27/07/2023 10:40							
27/07/2023 10:50							
27/07/2023 11:00							
27/07/2023 11:10							
27/07/2023 11:20							
27/07/2023 11:30							
27/07/2023 11:40							
27/07/2023 11:50							
27/07/2023 12:00							
27/07/2023 12:10							
27/07/2023 12:20							
27/07/2023 12:30							
27/07/2023 12:40							
27/07/2023 12:50							
27/07/2023 13:00							
27/07/2023 13:10							
27/07/2023 13:20							
27/07/2023 13:30							
27/07/2023 13:40							
27/07/2023 13:50							
27/07/2023 14:00							
27/07/2023 14:10							
27/07/2023 14:20							
27/07/2023 14:30							
27/07/2023 14:40							
27/07/2023 14:50							
27/07/2023 15:00							
27/07/2023 15:10							
27/07/2023 15:20							
27/07/2023 15:30							
27/07/2023 15:40							
27/07/2023 15:50							
27/07/2023 16:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/07/2023 16:10							
27/07/2023 16:20							
27/07/2023 16:30							
27/07/2023 16:40							
27/07/2023 16:50							
27/07/2023 17:00							
27/07/2023 17:10							
27/07/2023 17:20	1.2	173	16	1.8	0.0	24.8	39
27/07/2023 17:30	1.3	353	14	1.6	0.0	25.3	38
27/07/2023 17:40	1.7	184	16	2.3	0.0	24.9	39
27/07/2023 17:50	2.0	11	11	2.7	0.0	24.5	40
27/07/2023 18:00	1.9	29	13	3.2	0.0	24.3	41
27/07/2023 18:10	1.4	35	15	2.5	0.0	23.7	44
27/07/2023 18:20	2.6	338	11	3.5	0.0	23.9	43
27/07/2023 18:30	2.1	345	13	3.4	0.0	23.5	50
27/07/2023 18:40	3.0	351	9	4.4	0.0	23.1	61
27/07/2023 18:50	3.3	345	9	4.5	0.0	22.9	64
27/07/2023 19:00	3.2	343	11	4.6	0.0	22.7	65
27/07/2023 19:10	3.5	338	9	4.6	0.0	22.7	64
27/07/2023 19:20	3.0	343	7	4.2	0.0	22.7	65
27/07/2023 19:30	2.9	343	8	4.4	0.0	22.6	66
27/07/2023 19:40	2.5	342	7	3.4	0.0	22.5	67
27/07/2023 19:50	2.2	334	14	3.5	0.0	22.4	67
27/07/2023 20:00	1.7	325	12	3.1	0.0	22.2	68
27/07/2023 20:10	1.0	287	34	2.5	0.0	22.0	68
27/07/2023 20:20	1.0	254	21	1.6	0.0	21.8	69
27/07/2023 20:30	1.7	268	9	2.7	0.0	21.7	69
27/07/2023 20:40	2.4	270	10	3.5	0.0	21.8	69
27/07/2023 20:50	2.1	289	11	2.9	0.0	21.7	69
27/07/2023 21:00	1.4	280	11	2.2	0.0	21.3	69
27/07/2023 21:10	1.6	265	6	2.3	0.0	21.1	69
27/07/2023 21:20	1.7	244	5	2.0	0.0	21.1	67
27/07/2023 21:30	1.9	254	6	2.4	0.0	20.7	63
27/07/2023 21:40	2.5	270	4	3.1	0.0	20.7	60
27/07/2023 21:50	2.6	276	8	3.1	0.0	20.7	61
27/07/2023 22:00	2.3	278	7	2.9	0.0	20.7	64
27/07/2023 22:10	2.8	268	8	3.3	0.0	20.6	66
27/07/2023 22:20	2.8	270	3	3.1	0.0	20.2	66
27/07/2023 22:30	2.4	277	4	3.1	0.0	20.1	64
27/07/2023 22:40	2.3	280	6	2.9	0.0	20.0	61
27/07/2023 22:50	2.9	278	4	3.4	0.0	19.8	58
27/07/2023 23:00	2.6	285	6	3.3	0.0	19.7	56
27/07/2023 23:10	2.7	271	6	3.3	0.0	19.4	57
27/07/2023 23:20	2.3	259	4	2.8	0.0	19.0	58
27/07/2023 23:30	2.7	258	3	3.0	0.0	18.8	61
27/07/2023 23:40	2.9	254	2	3.2	0.0	18.6	62
27/07/2023 23:50	2.8	258	3	3.1	0.0	18.5	62
28/07/2023 00:00	3.0	268	3	3.4	0.0	18.4	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/07/2023 00:10	3.3	273	3	3.8	0.0	18.7	66
28/07/2023 00:20	3.2	273	4	3.7	0.0	19.1	67
28/07/2023 00:30	3.0	273	3	3.5	0.0	19.1	68
28/07/2023 00:40	2.5	277	5	3.0	0.0	18.9	68
28/07/2023 00:50	2.8	274	4	3.3	0.0	19.3	67
28/07/2023 01:00	2.8	275	4	3.4	0.0	19.2	67
28/07/2023 01:10	2.7	275	4	3.2	0.0	19.3	66
28/07/2023 01:20	2.5	274	5	2.9	0.0	19.2	66
28/07/2023 01:30	2.4	279	5	2.9	0.0	19.1	67
28/07/2023 01:40	2.0	276	4	2.5	0.0	18.9	67
28/07/2023 01:50	1.5	263	9	2.0	0.0	18.5	68
28/07/2023 02:00	1.9	273	4	2.1	0.0	18.6	68
28/07/2023 02:10	1.7	270	4	1.9	0.0	18.9	68
28/07/2023 02:20	1.6	271	5	1.9	0.0	18.8	68
28/07/2023 02:30	1.5	267	6	1.9	0.0	18.4	68
28/07/2023 02:40	1.5	264	4	1.7	0.0	18.3	69
28/07/2023 02:50	0.9	257	12	1.3	0.0	18.0	69
28/07/2023 03:00	0.5	284	31	0.9	0.0	17.6	69
28/07/2023 03:10	0.3	99	59	0.6	0.0	17.3	70
28/07/2023 03:20	0.7	208	46	1.2	0.0	17.2	70
28/07/2023 03:30	1.5	58	3	1.8	0.0	17.2	69
28/07/2023 03:40	2.0	58	3	2.3	0.0	17.1	69
28/07/2023 03:50	2.4	57	6	2.8	0.0	17.2	69
28/07/2023 04:00	0.9	68	42	1.6	0.0	17.3	69
28/07/2023 04:10	0.7	187	41	1.1	0.0	17.5	69
28/07/2023 04:20	1.1	162	23	1.7	0.0	17.6	69
28/07/2023 04:30	1.1	108	29	1.7	0.0	17.5	69
28/07/2023 04:40	0.5	36	16	0.8	0.0	17.7	69
28/07/2023 04:50	1.1	50	9	1.5	0.0	17.5	69
28/07/2023 05:00	1.8	88	8	2.2	0.0	17.2	69
28/07/2023 05:10	1.7	78	6	2.1	0.0	16.9	70
28/07/2023 05:20	2.2	67	5	2.6	0.0	16.8	70
28/07/2023 05:30	2.5	74	6	3.2	0.0	16.6	70
28/07/2023 05:40	2.3	87	16	3.4	0.0	16.9	69
28/07/2023 05:50	1.6	115	27	3.4	0.0	17.2	69
28/07/2023 06:00	2.3	116	13	3.4	0.0	17.3	69
28/07/2023 06:10	1.7	91	19	3.3	0.0	17.0	68
28/07/2023 06:20	1.2	100	15	2.2	0.0	16.4	65
28/07/2023 06:30	1.5	100	11	2.1	0.0	16.2	63
28/07/2023 06:40	1.4	105	17	2.3	0.0	16.1	61
28/07/2023 06:50	1.5	102	19	2.6	0.0	16.4	60
28/07/2023 07:00	1.6	98	14	2.6	0.0	16.8	63
28/07/2023 07:10	2.3	103	13	3.5	0.0	16.9	64
28/07/2023 07:20	1.8	111	21	3.4	0.0	17.9	68
28/07/2023 07:30	1.7	106	23	2.7	0.0	18.3	68
28/07/2023 07:40	2.0	106	13	3.1	0.0	18.6	68
28/07/2023 07:50	1.6	113	21	2.8	0.0	18.9	67
28/07/2023 08:00	1.5	122	20	3.1	0.0	19.2	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/07/2023 08:10	1.8	110	19	3.1	0.0	19.5	67
28/07/2023 08:20	2.2	107	13	3.3	0.0	19.5	66
28/07/2023 08:30	2.6	102	13	3.9	0.0	19.5	65
28/07/2023 08:40	2.5	113	20	3.9	0.0	19.7	61
28/07/2023 08:50	2.8	117	15	4.4	0.0	20.1	59
28/07/2023 09:00	2.7	119	20	4.5	0.0	20.3	58
28/07/2023 09:10	2.7	119	18	4.2	0.0	20.7	57
28/07/2023 09:20	2.7	131	20	4.6	0.0	21.2	54
28/07/2023 09:30	4.4	111	16	6.8	0.0	21.8	51
28/07/2023 09:40	5.4	105	12	8.2	0.0	22.1	46
28/07/2023 09:50	5.0	106	12	7.3	0.0	22.3	45
28/07/2023 10:00	5.2	104	10	7.2	0.0	22.4	45
28/07/2023 10:10	4.8	109	10	7.8	0.0	22.5	44
28/07/2023 10:20	4.9	100	11	7.4	0.0	22.9	42
28/07/2023 10:30	5.0	101	11	6.9	0.0	23.0	40
28/07/2023 10:40	4.4	100	12	6.5	0.0	23.4	41
28/07/2023 10:50	4.7	91	11	6.5	0.0	23.5	42
28/07/2023 11:00	5.2	92	8	6.9	0.0	23.4	40
28/07/2023 11:10	4.6	92	11	6.2	0.0	23.8	39
28/07/2023 11:20	4.1	93	10	5.7	0.0	23.7	42
28/07/2023 11:30	4.3	76	10	5.9	0.0	23.7	41
28/07/2023 11:40	4.8	73	9	6.6	0.0	23.8	38
28/07/2023 11:50	5.1	80	8	6.6	0.0	24.0	37
28/07/2023 12:00	5.4	82	11	7.0	0.0	24.4	36
28/07/2023 12:10	5.6	79	10	7.6	0.0	24.7	35
28/07/2023 12:20	5.5	74	11	7.7	0.0	24.9	35
28/07/2023 12:30	6.1	82	9	8.1	0.0	24.8	35
28/07/2023 12:40	5.4	81	10	7.9	0.0	25.1	34
28/07/2023 12:50	5.8	78	9	8.0	0.0	25.1	34
28/07/2023 13:00	5.7	79	9	7.5	0.0	25.0	33
28/07/2023 13:10	5.5	79	9	7.3	0.0	24.7	35
28/07/2023 13:20	5.1	83	11	7.4	0.0	25.4	34
28/07/2023 13:30	5.6	79	10	7.4	0.0	25.2	33
28/07/2023 13:40	5.3	84	9	7.0	0.0	25.2	33
28/07/2023 13:50	4.8	80	11	6.6	0.0	25.4	33
28/07/2023 14:00	5.5	81	11	7.4	0.0	25.0	32
28/07/2023 14:10	5.3	84	9	7.1	0.0	25.1	32
28/07/2023 14:20	5.3	82	11	6.9	0.0	25.2	32
28/07/2023 14:30	5.1	84	9	7.4	0.0	25.5	32
28/07/2023 14:40	4.8	83	12	6.7	0.0	25.6	31
28/07/2023 14:50	4.6	82	12	6.5	0.0	25.6	31
28/07/2023 15:00	4.3	64	12	6.3	0.0	25.5	34
28/07/2023 15:10	4.3	58	11	6.4	0.0	25.4	34
28/07/2023 15:20	4.2	60	11	6.4	0.0	25.4	33
28/07/2023 15:30	4.3	54	8	5.7	0.0	25.3	33
28/07/2023 15:40	3.7	63	10	5.5	0.0	25.3	33
28/07/2023 15:50	3.3	60	11	4.7	0.0	25.5	33
28/07/2023 16:00	3.7	59	10	4.8	0.0	25.4	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/07/2023 16:10	3.5	53	9	4.7	0.0	25.3	32
28/07/2023 16:20	3.5	58	8	4.6	0.0	25.2	32
28/07/2023 16:30	3.5	62	8	4.5	0.0	25.4	31
28/07/2023 16:40	3.3	65	8	4.4	0.0	25.5	32
28/07/2023 16:50	3.2	63	7	4.4	0.0	25.6	32
28/07/2023 17:00	2.8	61	8	4.0	0.0	25.6	32
28/07/2023 17:10	2.1	45	12	3.0	0.0	25.5	35
28/07/2023 17:20	2.0	53	8	2.8	0.0	25.1	39
28/07/2023 17:30	1.4	54	13	2.5	0.0	24.8	41
28/07/2023 17:40	1.2	38	14	2.1	0.0	24.0	44
28/07/2023 17:50	1.3	167	11	1.7	0.0	23.4	49
28/07/2023 18:00	1.6	327	9	2.1	0.0	23.0	54
28/07/2023 18:10	1.8	336	7	2.5	0.0	22.7	54
28/07/2023 18:20	2.2	337	8	2.8	0.0	22.6	53
28/07/2023 18:30	2.3	336	7	2.9	0.0	22.3	56
28/07/2023 18:40	1.5	314	13	2.4	0.0	22.2	56
28/07/2023 18:50	0.5	312	34	1.2	0.0	21.7	60
28/07/2023 19:00	0.6	76	47	1.1	0.0	21.2	61
28/07/2023 19:10	0.3	230	45	0.7	0.0	21.0	62
28/07/2023 19:20	0.6	253	34	1.2	0.0	21.1	63
28/07/2023 19:30	0.6	260	37	1.0	0.0	21.2	63
28/07/2023 19:40	0.3	283	26	0.5	0.0	21.1	63
28/07/2023 19:50	0.7	272	13	0.9	0.0	20.8	64
28/07/2023 20:00	1.1	276	8	1.4	0.0	20.5	66
28/07/2023 20:10	0.4	307	17	0.9	0.0	20.6	66
28/07/2023 20:20	0.5	267	27	0.7	0.0	20.3	66
28/07/2023 20:30	0.7	279	15	0.9	0.0	19.8	67
28/07/2023 20:40	1.3	268	9	1.9	0.0	20.0	67
28/07/2023 20:50	2.5	261	5	3.4	0.0	19.9	68
28/07/2023 21:00	2.8	267	7	3.5	0.0	19.9	69
28/07/2023 21:10	2.7	276	5	3.2	0.0	20.3	69
28/07/2023 21:20	1.8	272	5	2.6	0.0	20.3	69
28/07/2023 21:30	1.8	275	9	2.4	0.0	20.0	69
28/07/2023 21:40	2.0	282	5	2.7	0.0	20.1	68
28/07/2023 21:50	2.6	279	4	3.0	0.0	20.4	67
28/07/2023 22:00	2.6	264	5	3.2	0.0	20.1	68
28/07/2023 22:10	1.9	276	15	2.9	0.0	19.7	69
28/07/2023 22:20	2.7	267	9	3.9	0.0	19.6	69
28/07/2023 22:30	2.2	271	5	2.8	0.0	19.3	69
28/07/2023 22:40	2.8	269	5	3.5	0.0	19.1	69
28/07/2023 22:50	2.5	268	8	3.5	0.0	18.9	69
28/07/2023 23:00	1.9	275	8	2.5	0.0	18.8	69
28/07/2023 23:10	2.8	253	13	3.8	0.0	19.4	67
28/07/2023 23:20	2.2	276	16	3.4	0.0	19.4	65
28/07/2023 23:30	2.4	254	13	3.3	0.0	19.7	62
28/07/2023 23:40	2.1	249	23	3.5	0.0	19.6	61
28/07/2023 23:50	1.8	248	15	2.9	0.0	19.8	59
29/07/2023 00:00	2.4	240	13	3.7	0.0	19.8	57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/07/2023 00:10	1.5	239	24	2.9	0.0	19.6	57
29/07/2023 00:20	1.2	259	23	2.3	0.0	19.7	57
29/07/2023 00:30	1.7	245	20	3.1	0.0	19.5	56
29/07/2023 00:40	2.2	251	21	3.5	0.0	19.8	55
29/07/2023 00:50	2.1	249	17	3.1	0.0	19.6	54
29/07/2023 01:00	2.3	243	17	4.0	0.0	19.5	54
29/07/2023 01:10	1.9	266	16	2.8	0.0	19.7	52
29/07/2023 01:20	1.7	232	29	2.8	0.0	19.3	53
29/07/2023 01:30	1.3	261	25	2.2	0.0	19.4	53
29/07/2023 01:40	1.1	220	74	2.2	0.0	18.7	54
29/07/2023 01:50	1.7	268	21	2.7	0.0	19.1	53
29/07/2023 02:00	1.6	252	12	2.6	0.0	19.7	49
29/07/2023 02:10	1.3	261	24	2.0	0.0	19.4	50
29/07/2023 02:20	2.1	229	10	3.8	0.0	19.7	51
29/07/2023 02:30	0.9	164	42	2.1	0.0	18.5	54
29/07/2023 02:40	1.6	249	14	2.9	0.0	19.0	51
29/07/2023 02:50	1.2	280	59	1.9	0.0	18.8	53
29/07/2023 03:00	1.0	171	40	1.7	0.0	18.2	54
29/07/2023 03:10	0.5	26	68	1.5	0.0	18.2	54
29/07/2023 03:20	0.8	253	44	1.6	0.0	18.0	55
29/07/2023 03:30	1.0	77	34	1.7	0.0	17.8	55
29/07/2023 03:40	0.7	207	36	1.4	0.0	17.8	54
29/07/2023 03:50	0.8	53	34	1.3	0.0	18.4	52
29/07/2023 04:00	1.2	115	47	2.1	0.0	18.4	52
29/07/2023 04:10	1.0	149	61	1.7	0.0	18.6	52
29/07/2023 04:20	1.4	82	31	2.0	0.0	18.4	52
29/07/2023 04:30	2.6	133	11	3.9	0.0	18.9	50
29/07/2023 04:40	1.9	133	13	2.5	0.0	19.2	50
29/07/2023 04:50	2.3	131	8	3.4	0.0	19.0	49
29/07/2023 05:00	2.0	143	13	2.7	0.0	19.2	49
29/07/2023 05:10	2.1	120	8	3.0	0.0	18.9	49
29/07/2023 05:20	1.6	145	19	2.5	0.0	18.8	49
29/07/2023 05:30	2.0	147	11	2.8	0.0	19.0	49
29/07/2023 05:40	2.3	149	13	3.5	0.0	19.2	49
29/07/2023 05:50	2.2	160	17	3.5	0.0	18.9	49
29/07/2023 06:00	1.6	147	25	2.7	0.0	18.9	49
29/07/2023 06:10	1.7	133	32	2.8	0.0	18.9	49
29/07/2023 06:20	1.3	129	30	2.5	0.0	18.5	50
29/07/2023 06:30	0.8	93	38	1.4	0.0	18.5	50
29/07/2023 06:40	1.4	120	51	2.5	0.0	18.6	49
29/07/2023 06:50	1.1	197	46	2.5	0.0	19.0	47
29/07/2023 07:00	2.9	176	15	4.5	0.0	19.0	47
29/07/2023 07:10	2.7	163	10	4.0	0.0	19.0	47
29/07/2023 07:20	1.4	145	42	2.8	0.0	19.1	46
29/07/2023 07:30	2.0	127	28	3.7	0.0	19.7	44
29/07/2023 07:40	2.3	123	20	3.3	0.0	20.0	42
29/07/2023 07:50	2.2	127	20	3.8	0.0	20.1	42
29/07/2023 08:00	2.0	121	25	3.5	0.0	20.2	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/07/2023 08:10	2.2	118	24	4.0	0.0	20.3	42
29/07/2023 08:20	3.0	102	15	4.6	0.0	20.3	43
29/07/2023 08:30	3.3	97	8	4.5	0.0	20.0	45
29/07/2023 08:40	3.4	103	10	4.6	0.0	19.8	48
29/07/2023 08:50	2.9	105	11	4.2	0.0	20.1	50
29/07/2023 09:00	3.7	101	10	5.4	0.0	20.5	48
29/07/2023 09:10	3.6	103	11	5.1	0.0	20.7	46
29/07/2023 09:20	3.8	101	9	5.4	0.0	20.8	45
29/07/2023 09:30	3.7	106	11	5.1	0.0	21.0	46
29/07/2023 09:40	3.0	108	12	4.6	0.0	21.4	45
29/07/2023 09:50	3.4	110	11	4.9	0.0	21.7	45
29/07/2023 10:00	3.2	109	12	4.7	0.0	21.9	44
29/07/2023 10:10	3.1	105	12	4.8	0.0	22.3	43
29/07/2023 10:20	3.2	102	13	4.8	0.0	22.6	43
29/07/2023 10:30	3.5	104	13	5.1	0.0	23.1	42
29/07/2023 10:40	3.8	106	11	5.4	0.0	23.7	40
29/07/2023 10:50	4.0	98	11	5.5	0.0	24.3	37
29/07/2023 11:00	4.3	95	11	6.0	0.0	25.0	35
29/07/2023 11:10	4.5	94	8	6.2	0.0	25.1	34
29/07/2023 11:20	4.8	93	8	6.5	0.0	25.1	32
29/07/2023 11:30	4.7	96	8	6.5	0.0	25.5	31
29/07/2023 11:40	4.2	79	11	5.7	0.0	25.7	33
29/07/2023 11:50	4.9	82	8	6.5	0.0	25.6	33
29/07/2023 12:00	5.1	81	8	6.4	0.0	26.0	31
29/07/2023 12:10	4.7	77	13	6.8	0.0	26.5	31
29/07/2023 12:20	5.0	81	9	6.9	0.0	26.9	29
29/07/2023 12:30	5.7	58	8	7.3	0.0	26.5	31
29/07/2023 12:40	5.5	61	8	7.2	0.0	26.4	32
29/07/2023 12:50	5.7	59	8	7.7	0.0	26.2	32
29/07/2023 13:00	5.8	61	8	8.2	0.0	26.3	32
29/07/2023 13:10	5.9	60	9	7.8	0.0	26.2	32
29/07/2023 13:20	5.6	64	9	7.7	0.0	26.5	30
29/07/2023 13:30	5.4	64	8	7.0	0.0	26.9	28
29/07/2023 13:40	5.2	62	10	6.9	0.0	27.1	27
29/07/2023 13:50	5.6	64	9	7.6	0.0	27.2	25
29/07/2023 14:00	5.4	64	9	7.5	0.0	27.2	25
29/07/2023 14:10	4.9	63	11	6.7	0.0	27.5	25
29/07/2023 14:20							
29/07/2023 14:30							
29/07/2023 14:40							
29/07/2023 14:50							
29/07/2023 15:00							
29/07/2023 15:10							
29/07/2023 15:20							
29/07/2023 15:30							
29/07/2023 15:40							
29/07/2023 15:50							
29/07/2023 16:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/07/2023 16:10							
29/07/2023 16:20							
29/07/2023 16:30							
29/07/2023 16:40							
29/07/2023 16:50							
29/07/2023 17:00							
29/07/2023 17:10							
29/07/2023 17:20							
29/07/2023 17:30							
29/07/2023 17:40							
29/07/2023 17:50							
29/07/2023 18:00							
29/07/2023 18:10							
29/07/2023 18:20							
29/07/2023 18:30							
29/07/2023 18:40							
29/07/2023 18:50							
29/07/2023 19:00							
29/07/2023 19:10							
29/07/2023 19:20							
29/07/2023 19:30							
29/07/2023 19:40							
29/07/2023 19:50							
29/07/2023 20:00							
29/07/2023 20:10							
29/07/2023 20:20							
29/07/2023 20:30							
29/07/2023 20:40							
29/07/2023 20:50							
29/07/2023 21:00							
29/07/2023 21:10							
29/07/2023 21:20							
29/07/2023 21:30							
29/07/2023 21:40							
29/07/2023 21:50							
29/07/2023 22:00							
29/07/2023 22:10							
29/07/2023 22:20							
29/07/2023 22:30							
29/07/2023 22:40							
29/07/2023 22:50							
29/07/2023 23:00							
29/07/2023 23:10							
29/07/2023 23:20							
29/07/2023 23:30							
29/07/2023 23:40							
29/07/2023 23:50							
30/07/2023 00:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/07/2023 00:10							
30/07/2023 00:20							
30/07/2023 00:30							
30/07/2023 00:40							
30/07/2023 00:50							
30/07/2023 01:00							
30/07/2023 01:10							
30/07/2023 01:20							
30/07/2023 01:30							
30/07/2023 01:40							
30/07/2023 01:50							
30/07/2023 02:00							
30/07/2023 02:10							
30/07/2023 02:20							
30/07/2023 02:30							
30/07/2023 02:40							
30/07/2023 02:50							
30/07/2023 03:00							
30/07/2023 03:10							
30/07/2023 03:20							
30/07/2023 03:30							
30/07/2023 03:40							
30/07/2023 03:50							
30/07/2023 04:00							
30/07/2023 04:10							
30/07/2023 04:20							
30/07/2023 04:30							
30/07/2023 04:40							
30/07/2023 04:50							
30/07/2023 05:00							
30/07/2023 05:10							
30/07/2023 05:20							
30/07/2023 05:30							
30/07/2023 05:40							
30/07/2023 05:50							
30/07/2023 06:00							
30/07/2023 06:10							
30/07/2023 06:20							
30/07/2023 06:30							
30/07/2023 06:40							
30/07/2023 06:50							
30/07/2023 07:00							
30/07/2023 07:10							
30/07/2023 07:20							
30/07/2023 07:30							
30/07/2023 07:40	2.2	105	13	3.5	0.0	19.6	48
30/07/2023 07:50	2.2	101	11	3.5	0.0	19.9	47
30/07/2023 08:00	2.4	90	10	3.5	0.0	20.6	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/07/2023 08:10	2.7	92	11	4.3	0.0	21.0	38
30/07/2023 08:20	2.2	93	11	3.0	0.0	20.9	38
30/07/2023 08:30	1.8	87	16	3.2	0.0	21.0	39
30/07/2023 08:40	3.0	100	14	4.7	0.0	21.6	34
30/07/2023 08:50	2.9	101	13	4.2	0.0	22.3	32
30/07/2023 09:00	3.2	97	11	4.7	0.0	22.2	32
30/07/2023 09:10	2.8	90	12	3.9	0.0	22.6	31
30/07/2023 09:20	2.8	93	15	4.2	0.0	22.8	31
30/07/2023 09:30	2.7	97	14	4.0	0.0	23.2	30
30/07/2023 09:40	3.2	92	12	4.4	0.0	23.4	30
30/07/2023 09:50	3.1	96	12	4.6	0.0	23.7	30
30/07/2023 10:00	3.1	100	13	5.2	0.0	24.5	30
30/07/2023 10:10	3.8	106	12	5.7	0.0	24.6	29
30/07/2023 10:20	3.5	109	13	5.4	0.0	25.1	28
30/07/2023 10:30	4.4	110	14	6.6	0.0	25.4	26
30/07/2023 10:40	4.0	110	17	6.4	0.0	25.6	26
30/07/2023 10:50	4.1	113	17	6.5	0.0	25.9	25
30/07/2023 11:00	4.2	103	12	6.2	0.0	26.1	26
30/07/2023 11:10	3.7	104	17	5.7	0.0	26.3	26
30/07/2023 11:20	3.7	103	15	6.1	0.0	26.8	26
30/07/2023 11:30	4.5	102	14	7.1	0.0	26.6	25
30/07/2023 11:40	3.4	113	16	5.1	0.0	26.9	25
30/07/2023 11:50	4.1	99	14	6.2	0.0	27.2	25
30/07/2023 12:00	4.5	92	11	6.3	0.0	27.2	25
30/07/2023 12:10	4.4	88	11	6.4	0.0	27.6	25
30/07/2023 12:20	4.2	95	11	6.1	0.0	27.8	24
30/07/2023 12:30	4.1	93	10	5.9	0.0	27.8	24
30/07/2023 12:40	4.0	93	10	5.8	0.0	28.1	23
30/07/2023 12:50	4.1	90	12	6.7	0.0	28.3	22
30/07/2023 13:00	4.9	79	10	6.5	0.0	28.3	22
30/07/2023 13:10	5.2	82	9	7.0	0.0	28.4	22
30/07/2023 13:20	5.5	76	11	8.4	0.0	28.3	23
30/07/2023 13:30	5.5	63	11	7.7	0.0	28.2	24
30/07/2023 13:40	5.1	62	9	7.1	0.0	28.5	23
30/07/2023 13:50	5.2	58	9	6.9	0.0	28.5	23
30/07/2023 14:00	5.3	59	9	7.4	0.0	28.5	23
30/07/2023 14:10	5.5	51	7	7.0	0.0	28.0	25
30/07/2023 14:20	5.5	62	9	7.7	0.0	28.0	25
30/07/2023 14:30	5.2	58	9	7.7	0.0	27.8	26
30/07/2023 14:40	4.9	55	9	6.4	0.0	28.0	26
30/07/2023 14:50	5.4	69	9	7.7	0.0	28.2	23
30/07/2023 15:00	4.7	60	9	6.2	0.0	28.4	22
30/07/2023 15:10	4.5	67	11	5.8	0.0	28.5	20
30/07/2023 15:20	4.3	89	9	5.6	0.0	28.9	19
30/07/2023 15:30	3.6	88	8	4.4	0.0	29.0	19
30/07/2023 15:40	2.5	87	11	4.1	0.0	29.2	18
30/07/2023 15:50	2.9	75	14	4.4	0.0	29.2	18
30/07/2023 16:00	2.8	60	13	3.8	0.0	29.1	18



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/07/2023 16:10	2.9	74	9	4.0	0.0	29.2	18
30/07/2023 16:20	3.0	79	10	4.2	0.0	29.1	18
30/07/2023 16:30	3.1	72	14	4.4	0.0	29.2	18
30/07/2023 16:40	3.4	59	11	4.8	0.0	28.7	19
30/07/2023 16:50	3.7	58	6	4.7	0.0	28.2	20
30/07/2023 17:00	3.3	59	6	4.3	0.0	28.1	21
30/07/2023 17:10	3.9	62	7	5.2	0.0	27.6	23
30/07/2023 17:20	2.9	52	8	4.5	0.0	26.8	25
30/07/2023 17:30	2.3	56	9	3.5	0.0	26.8	25
30/07/2023 17:40	2.0	52	5	2.4	0.0	25.9	26
30/07/2023 17:50	1.5	57	7	2.2	0.0	25.4	26
30/07/2023 18:00	1.5	51	10	1.9	0.0	25.0	26
30/07/2023 18:10	0.9	80	14	1.4	0.0	24.6	27
30/07/2023 18:20	0.5	83	17	0.8	0.0	24.1	28
30/07/2023 18:30	1.2	185	23	2.3	0.0	24.1	34
30/07/2023 18:40	2.3	334	6	3.2	0.0	23.7	48
30/07/2023 18:50	2.6	324	4	3.2	0.0	23.6	56
30/07/2023 19:00	1.4	268	29	2.6	0.0	23.3	58
30/07/2023 19:10	0.7	317	54	1.5	0.0	22.9	62
30/07/2023 19:20	0.6	311	43	1.3	0.0	22.5	64
30/07/2023 19:30	0.2	129	61	0.5	0.0	22.1	67
30/07/2023 19:40	0.8	249	14	1.6	0.0	22.0	67
30/07/2023 19:50	1.3	278	10	1.9	0.0	21.8	67
30/07/2023 20:00	3.1	257	5	3.8	0.0	21.3	68
30/07/2023 20:10	2.2	274	6	2.8	0.0	20.9	70
30/07/2023 20:20	1.7	281	6	2.1	0.0	21.2	69
30/07/2023 20:30	2.2	267	5	2.5	0.0	20.8	69
30/07/2023 20:40	3.1	257	5	3.6	0.0	20.6	68
30/07/2023 20:50	2.8	269	7	3.4	0.0	20.6	68
30/07/2023 21:00	2.9	263	3	3.2	0.0	20.6	68
30/07/2023 21:10	2.7	268	2	3.0	0.0	20.5	68
30/07/2023 21:20	2.4	272	3	2.7	0.0	20.4	67
30/07/2023 21:30	3.2	270	3	3.9	0.0	20.3	67
30/07/2023 21:40	3.2	269	3	3.5	0.0	20.5	67
30/07/2023 21:50	3.0	278	3	3.4	0.0	20.6	68
30/07/2023 22:00	1.9	253	26	3.7	0.0	20.9	68
30/07/2023 22:10	3.2	247	9	3.7	0.0	20.8	69
30/07/2023 22:20	2.8	259	4	3.3	0.0	19.9	69
30/07/2023 22:30	3.4	273	3	4.0	0.0	19.9	68
30/07/2023 22:40	2.9	271	4	3.5	0.0	19.7	69
30/07/2023 22:50	3.8	273	2	4.2	0.0	19.6	68
30/07/2023 23:00	3.6	273	5	4.2	0.0	19.9	63
30/07/2023 23:10	3.7	271	3	4.3	0.0	20.0	58
30/07/2023 23:20	3.5	269	5	4.4	0.0	20.2	52
30/07/2023 23:30	3.6	268	6	4.5	0.0	20.2	49
30/07/2023 23:40	3.6	266	4	4.2	0.0	20.4	48
30/07/2023 23:50	3.4	266	5	4.1	0.0	20.4	48
31/07/2023 00:00	3.5	264	7	4.6	0.0	20.4	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/07/2023 00:10	3.5	267	6	4.4	0.0	20.4	47
31/07/2023 00:20	3.2	266	5	3.9	0.0	19.9	47
31/07/2023 00:30	3.3	266	3	3.8	0.0	19.9	45
31/07/2023 00:40	2.8	260	6	3.5	0.0	19.6	45
31/07/2023 00:50	3.0	260	5	3.6	0.0	19.4	44
31/07/2023 01:00	3.0	262	6	3.5	0.0	19.7	42
31/07/2023 01:10	2.7	264	5	3.3	0.0	19.8	40
31/07/2023 01:20	2.7	259	5	3.6	0.0	19.9	40
31/07/2023 01:30	1.7	252	16	3.4	0.0	20.1	39
31/07/2023 01:40	1.9	238	20	3.0	0.0	20.6	38
31/07/2023 01:50	2.3	160	42	3.6	0.0	20.8	38
31/07/2023 02:00	2.7	91	23	4.0	0.0	20.3	48
31/07/2023 02:10	2.1	64	19	3.2	0.0	19.1	53
31/07/2023 02:20	2.2	63	9	3.5	0.0	18.9	56
31/07/2023 02:30	1.6	50	11	2.2	0.0	18.7	56
31/07/2023 02:40	1.2	32	19	1.6	0.0	18.8	53
31/07/2023 02:50	1.5	52	14	1.9	0.0	17.9	55
31/07/2023 03:00	2.0	64	5	2.5	0.0	16.9	58
31/07/2023 03:10	2.2	59	6	2.8	0.0	17.3	57
31/07/2023 03:20	1.8	55	8	2.4	0.0	17.3	60
31/07/2023 03:30	2.0	66	11	2.7	0.0	17.6	59
31/07/2023 03:40	1.9	67	8	2.5	0.0	17.4	58
31/07/2023 03:50	1.9	72	9	2.3	0.0	17.5	57
31/07/2023 04:00	2.1	72	7	2.5	0.0	17.5	57
31/07/2023 04:10	1.9	72	26	2.9	0.0	17.3	59
31/07/2023 04:20	1.7	53	9	2.2	0.0	17.0	59
31/07/2023 04:30	2.2	69	6	2.7	0.0	17.4	52
31/07/2023 04:40	2.1	85	10	2.6	0.0	17.2	45
31/07/2023 04:50	2.4	89	11	2.9	0.0	17.1	44
31/07/2023 05:00	2.3	77	9	2.8	0.0	17.3	44
31/07/2023 05:10	2.4	95	6	3.1	0.0	17.4	42
31/07/2023 05:20	1.6	89	9	2.2	0.0	16.8	43
31/07/2023 05:30	2.0	95	15	3.2	0.0	17.0	40
31/07/2023 05:40	2.0	90	13	2.6	0.0	16.6	42
31/07/2023 05:50	1.7	81	15	2.2	0.0	16.9	39
31/07/2023 06:00	1.6	85	17	2.6	0.0	17.0	37
31/07/2023 06:10	2.0	94	19	3.0	0.0	17.6	34
31/07/2023 06:20	1.8	104	19	2.6	0.0	18.2	31
31/07/2023 06:30	1.9	94	15	3.1	0.0	18.4	30
31/07/2023 06:40	1.9	88	12	2.6	0.0	18.0	31
31/07/2023 06:50	2.0	81	10	2.8	0.0	18.0	32
31/07/2023 07:00	2.3	89	8	2.9	0.0	17.9	33
31/07/2023 07:10	2.4	98	8	3.2	0.0	17.9	34
31/07/2023 07:20	2.2	97	9	2.8	0.0	18.0	35
31/07/2023 07:30	2.5	95	6	3.1	0.0	18.2	36
31/07/2023 07:40	2.6	101	9	3.6	0.0	18.8	36
31/07/2023 07:50	3.0	103	12	4.3	0.0	20.0	32
31/07/2023 08:00	3.0	102	12	4.5	0.0	20.4	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/07/2023 08:10	3.2	104	13	4.8	0.0	20.8	29
31/07/2023 08:20	3.2	100	9	4.3	0.0	20.8	29
31/07/2023 08:30	2.8	103	13	4.0	0.0	20.8	31
31/07/2023 08:40	2.9	104	10	4.1	0.0	20.9	32
31/07/2023 08:50	2.7	104	13	4.2	0.0	21.3	35
31/07/2023 09:00	3.1	100	10	4.4	0.0	21.5	35
31/07/2023 09:10	3.5	103	12	5.1	0.0	22.0	29
31/07/2023 09:20	2.8	115	14	4.6	0.0	22.1	31
31/07/2023 09:30	2.9	109	15	4.8	0.0	22.2	31
31/07/2023 09:40	3.2	108	14	5.0	0.0	22.5	32
31/07/2023 09:50	3.3	103	14	4.9	0.0	22.6	35
31/07/2023 10:00	3.0	111	14	4.7	0.0	23.0	38
31/07/2023 10:10	4.2	102	13	6.4	0.0	23.9	38
31/07/2023 10:20	4.9	100	12	7.0	0.0	24.8	33
31/07/2023 10:30	5.0	100	11	8.3	0.0	25.2	33
31/07/2023 10:40	5.4	103	10	7.7	0.0	25.5	30
31/07/2023 10:50	4.9	95	10	7.0	0.0	25.7	31
31/07/2023 11:00	5.0	98	10	7.0	0.0	25.7	31
31/07/2023 11:10	4.4	104	12	6.2	0.0	26.1	31
31/07/2023 11:20	4.4	103	13	6.6	0.0	26.0	33
31/07/2023 11:30	5.5	89	9	8.0	0.0	26.2	33
31/07/2023 11:40	5.5	92	9	7.5	0.0	26.4	32
31/07/2023 11:50	5.5	93	10	7.9	0.0	26.8	31
31/07/2023 12:00	5.6	90	8	7.8	0.0	27.1	30
31/07/2023 12:10	5.2	82	9	7.7	0.0	27.1	31
31/07/2023 12:20	6.5	75	7	8.8	0.0	26.6	30
31/07/2023 12:30	6.8	80	8	9.2	0.0	27.0	28
31/07/2023 12:40	6.7	76	10	9.5	0.0	27.2	28
31/07/2023 12:50	5.8	67	8	8.4	0.0	27.2	31
31/07/2023 13:00	6.3	66	9	8.8	0.0	27.3	30
31/07/2023 13:10	6.9	64	8	9.3	0.0	26.9	30
31/07/2023 13:20	6.6	65	9	9.4	0.0	26.8	29
31/07/2023 13:30	7.1	65	9	9.9	0.0	26.8	29
31/07/2023 13:40	6.2	69	9	9.4	0.0	27.2	27
31/07/2023 13:50	6.3	72	9	9.1	0.0	28.0	25
31/07/2023 14:00	7.0	77	8	9.4	0.0	27.7	23
31/07/2023 14:10	6.1	74	10	9.4	0.0	27.9	24
31/07/2023 14:20	5.8	77	10	8.7	0.0	28.5	23
31/07/2023 14:30	6.3	80	9	8.5	0.0	28.4	22
31/07/2023 14:40	5.9	77	9	8.7	0.0	28.5	22
31/07/2023 14:50	5.5	81	8	7.4	0.0	28.6	22
31/07/2023 15:00	5.7	77	8	7.6	0.0	28.2	21
31/07/2023 15:10	4.7	75	9	6.8	0.0	28.3	22
31/07/2023 15:20	4.1	72	10	6.4	0.0	28.0	22
31/07/2023 15:30	4.2	70	9	5.9	0.0	28.0	22
31/07/2023 15:40	4.4	74	10	6.4	0.0	28.9	20
31/07/2023 15:50	4.3	58	9	5.9	0.0	28.2	23
31/07/2023 16:00	3.9	52	8	5.4	0.0	28.0	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/07/2023 16:10	3.7	52	8	5.2	0.0	28.2	24
31/07/2023 16:20	3.7	49	8	4.9	0.0	28.0	26
31/07/2023 16:30	3.4	52	8	4.6	0.0	27.6	28
31/07/2023 16:40	3.1	51	7	4.2	0.0	27.9	27
31/07/2023 16:50	2.8	53	9	3.8	0.0	28.1	25
31/07/2023 17:00	3.0	53	6	3.8	0.0	27.9	25
31/07/2023 17:10	2.3	62	7	3.0	0.0	27.4	26
31/07/2023 17:20	2.1	60	8	2.8	0.0	27.1	25
31/07/2023 17:30	1.6	68	10	2.4	0.0	26.8	26
31/07/2023 17:40	1.3	82	15	2.1	0.0	26.2	27
31/07/2023 17:50	1.2	75	11	1.8	0.0	25.4	29
31/07/2023 18:00	1.4	80	9	1.7	0.0	24.9	31
31/07/2023 18:10	1.5	67	5	1.9	0.0	24.7	32
31/07/2023 18:20	1.4	62	8	1.7	0.0	24.1	34
31/07/2023 18:30	1.1	63	7	1.3	0.0	23.7	34
31/07/2023 18:40	1.1	63	6	1.4	0.0	23.4	35
31/07/2023 18:50	1.2	75	7	1.4	0.0	23.4	34
31/07/2023 19:00	0.9	70	7	1.2	0.0	23.5	34
31/07/2023 19:10	1.2	59	7	1.5	0.0	23.0	36
31/07/2023 19:20	1.1	61	8	1.4	0.0	22.8	36
31/07/2023 19:30	1.1	72	4	1.3	0.0	22.5	37
31/07/2023 19:40	1.2	69	5	1.4	0.0	22.2	38
31/07/2023 19:50	1.2	64	4	1.3	0.0	22.2	38
31/07/2023 20:00	1.2	67	3	1.3	0.0	22.0	39
31/07/2023 20:10	0.8	52	5	1.2	0.0	21.9	37
31/07/2023 20:20	1.2	64	4	1.4	0.0	21.7	38
31/07/2023 20:30	1.3	66	4	1.4	0.0	21.8	38
31/07/2023 20:40	1.2	59	4	1.5	0.0	21.7	39
31/07/2023 20:50	1.3	57	3	1.6	0.0	21.6	37
31/07/2023 21:00	1.3	60	6	1.5	0.0	21.9	35
31/07/2023 21:10	1.2	68	8	1.6	0.0	22.0	37
31/07/2023 21:20	1.6	58	8	1.8	0.0	21.5	40
31/07/2023 21:30	1.2	99	11	1.8	0.0	22.1	36
31/07/2023 21:40	0.2	113	77	0.4	0.0	22.0	38
31/07/2023 21:50	0.5	257	19	0.8	0.0	22.4	39
31/07/2023 22:00	0.4	297	26	0.7	0.0	23.0	36
31/07/2023 22:10	1.2	260	15	1.9	0.0	22.8	36
31/07/2023 22:20	1.5	278	11	2.0	0.0	22.1	41
31/07/2023 22:30	0.6	273	23	0.9	0.0	23.0	39
31/07/2023 22:40	0.3	324	38	0.5	0.0	22.5	39
31/07/2023 22:50	0.3	288	37	0.5	0.0	21.4	40
31/07/2023 23:00	0.6	275	13	0.9	0.0	21.9	45
31/07/2023 23:10	0.3	250	24	0.6	0.0	21.9	47
31/07/2023 23:20	0.6	265	20	0.7	0.0	22.3	47
31/07/2023 23:30	0.2	293	61	0.6	0.0	22.3	47
31/07/2023 23:40	0.8	296	11	1.2	0.0	22.4	45
31/07/2023 23:50	1.1	284	13	1.3	0.0	22.4	43
01/08/2023 00:00	0.9	284	12	1.2	0.0	22.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/08/2023 00:10	1.0	277	10	1.3	0.0	22.6	43
01/08/2023 00:20	0.7	171	28	1.1	0.0	22.0	45
01/08/2023 00:30	0.8	352	16	1.3	0.0	21.1	48
01/08/2023 00:40	1.0	35	15	1.3	0.0	21.5	44
01/08/2023 00:50	1.5	56	6	1.9	0.0	22.3	38
01/08/2023 01:00	1.9	54	4	2.3	0.0	22.4	37
01/08/2023 01:10	1.8	60	5	2.2	0.0	22.6	35
01/08/2023 01:20	1.7	71	5	2.0	0.0	22.8	34
01/08/2023 01:30	1.7	76	4	1.9	0.0	22.4	35
01/08/2023 01:40	1.6	77	5	1.9	0.0	22.1	35
01/08/2023 01:50	1.7	73	6	2.0	0.0	21.9	36
01/08/2023 02:00	1.5	70	6	1.8	0.0	22.2	35
01/08/2023 02:10	1.5	69	6	1.8	0.0	22.1	35
01/08/2023 02:20	1.3	60	5	1.6	0.0	22.6	33
01/08/2023 02:30	1.2	67	6	1.4	0.0	22.9	32
01/08/2023 02:40	1.3	69	5	1.5	0.0	22.3	34
01/08/2023 02:50	1.5	61	5	1.7	0.0	22.1	34
01/08/2023 03:00	1.4	69	4	1.7	0.0	21.7	35
01/08/2023 03:10	1.5	79	3	1.6	0.0	21.8	35
01/08/2023 03:20	1.6	67	10	1.7	0.0	21.7	35
01/08/2023 03:30	1.9	101	13	2.3	0.0	21.8	35
01/08/2023 03:40	1.8	76	5	2.1	0.0	20.8	39
01/08/2023 03:50	1.8	66	6	2.1	0.0	20.6	39
01/08/2023 04:00	1.8	68	4	2.3	0.0	20.5	40
01/08/2023 04:10	2.2	56	5	2.6	0.0	20.4	40
01/08/2023 04:20	2.2	58	6	2.9	0.0	20.3	41
01/08/2023 04:30	1.8	62	6	2.3	0.0	20.1	42
01/08/2023 04:40	1.7	72	5	2.0	0.0	19.9	43
01/08/2023 04:50	1.7	66	6	2.0	0.0	19.8	43
01/08/2023 05:00	1.8	62	7	2.2	0.0	20.0	44
01/08/2023 05:10	1.9	64	6	2.3	0.0	20.0	45
01/08/2023 05:20	1.8	56	6	2.3	0.0	19.9	47
01/08/2023 05:30	1.9	54	6	2.3	0.0	20.0	48
01/08/2023 05:40	1.7	69	6	2.3	0.0	19.7	49
01/08/2023 05:50	1.8	75	7	2.2	0.0	19.5	49
01/08/2023 06:00	2.0	81	6	2.4	0.0	19.5	48
01/08/2023 06:10	2.2	88	6	2.7	0.0	19.4	47
01/08/2023 06:20	2.3	91	4	2.8	0.0	19.6	46
01/08/2023 06:30	2.3	96	8	3.2	0.0	19.7	46
01/08/2023 06:40	2.4	91	5	2.8	0.0	19.9	46
01/08/2023 06:50	2.6	91	3	3.1	0.0	20.3	48
01/08/2023 07:00	2.3	94	4	2.9	0.0	20.6	51
01/08/2023 07:10	2.3	94	4	2.9	0.0	20.7	52
01/08/2023 07:20	2.2	93	5	2.8	0.0	21.0	53
01/08/2023 07:30	2.4	93	4	3.0	0.0	21.2	53
01/08/2023 07:40	2.1	96	6	2.8	0.0	21.3	50
01/08/2023 07:50	2.2	96	6	2.9	0.0	21.5	49
01/08/2023 08:00	2.4	97	7	3.3	0.0	22.1	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/08/2023 08:10	2.9	97	7	3.6	0.0	22.6	47
01/08/2023 08:20	3.3	98	8	4.8	0.0	23.0	46
01/08/2023 08:30	3.3	97	7	5.0	0.0	23.1	49
01/08/2023 08:40	4.1	92	6	5.4	0.0	23.6	46
01/08/2023 08:50	4.4	90	7	6.4	0.0	24.0	44
01/08/2023 09:00	4.9	88	6	6.6	0.0	24.2	43
01/08/2023 09:10	4.5	85	8	5.9	0.0	24.6	42
01/08/2023 09:20	4.1	84	9	5.8	0.0	25.0	41
01/08/2023 09:30	5.3	79	7	6.7	0.0	24.9	41
01/08/2023 09:40	5.7	80	7	7.5	0.0	25.0	40
01/08/2023 09:50	5.5	83	8	7.6	0.0	25.7	38
01/08/2023 10:00	5.5	79	8	7.7	0.0	26.1	36
01/08/2023 10:10	6.2	77	7	7.9	0.0	26.0	36
01/08/2023 10:20	6.7	79	8	9.8	0.0	26.0	37
01/08/2023 10:30	6.9	81	7	9.6	0.0	26.0	38
01/08/2023 10:40	6.7	80	7	9.0	0.0	25.9	38
01/08/2023 10:50	6.9	83	8	9.4	0.0	25.8	39
01/08/2023 11:00	6.3	82	8	9.0	0.0	26.3	38
01/08/2023 11:10	5.9	76	11	7.8	0.0	26.6	36
01/08/2023 11:20	6.5	79	9	8.8	0.0	26.9	35
01/08/2023 11:30	5.7	73	9	8.5	0.0	27.2	35
01/08/2023 11:40	6.2	72	9	8.5	0.0	26.8	36
01/08/2023 11:50	6.5	68	8	8.9	0.0	26.9	37
01/08/2023 12:00	6.6	73	9	9.8	0.0	27.3	35
01/08/2023 12:10	6.8	75	9	9.7	0.0	27.3	35
01/08/2023 12:20	6.4	74	9	9.1	0.0	27.7	34
01/08/2023 12:30	6.1	67	9	9.4	0.0	27.8	34
01/08/2023 12:40	6.3	68	10	8.4	0.0	27.4	34
01/08/2023 12:50	6.3	63	9	8.1	0.0	26.9	36
01/08/2023 13:00	6.3	62	8	9.0	0.0	27.3	35
01/08/2023 13:10	7.0	64	8	9.1	0.0	27.4	33
01/08/2023 13:20	7.2	62	8	9.1	0.0	27.4	34
01/08/2023 13:30	6.9	65	8	9.4	0.0	27.4	37
01/08/2023 13:40	6.5	65	9	9.2	0.0	27.3	37
01/08/2023 13:50	6.1	66	9	8.5	0.0	27.6	37
01/08/2023 14:00	6.3	65	8	8.5	0.0	27.5	37
01/08/2023 14:10	6.3	65	8	8.8	0.0	27.6	37
01/08/2023 14:20	6.9	65	10	9.9	0.0	27.6	36
01/08/2023 14:30	6.6	66	8	9.3	0.0	27.8	35
01/08/2023 14:40	7.0	64	9	9.6	0.0	28.0	34
01/08/2023 14:50	6.8	63	9	9.1	0.0	27.8	34
01/08/2023 15:00	6.8	63	9	9.0	0.0	27.6	34
01/08/2023 15:10	6.6	58	8	9.1	0.0	27.5	33
01/08/2023 15:20	6.5	59	9	8.7	0.0	27.7	32
01/08/2023 15:30	6.3	60	9	8.7	0.0	27.7	32
01/08/2023 15:40	6.3	61	8	9.0	0.0	27.9	31
01/08/2023 15:50	5.9	61	9	8.6	0.0	28.1	29
01/08/2023 16:00	5.5	64	9	8.0	0.0	28.1	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/08/2023 16:10	5.6	60	9	7.8	0.0	27.9	30
01/08/2023 16:20	6.0	62	8	8.2	0.0	27.7	30
01/08/2023 16:30	5.8	63	8	7.5	0.0	27.5	32
01/08/2023 16:40	5.6	62	9	7.5	0.0	27.5	32
01/08/2023 16:50	5.5	58	6	7.5	0.0	27.1	34
01/08/2023 17:00	4.1	56	8	6.1	0.0	27.0	36
01/08/2023 17:10	4.1	56	10	6.9	0.0	26.7	38
01/08/2023 17:20	3.9	60	8	5.7	0.0	26.3	41
01/08/2023 17:30	4.1	61	7	5.3	0.0	25.9	43
01/08/2023 17:40	3.1	54	9	4.8	0.0	25.8	45
01/08/2023 17:50	2.1	60	12	3.2	0.0	25.8	45
01/08/2023 18:00	2.0	69	10	2.9	0.0	25.6	46
01/08/2023 18:10	1.8	59	11	3.4	0.0	25.4	48
01/08/2023 18:20	1.2	57	21	1.7	0.0	25.4	48
01/08/2023 18:30	1.7	47	21	3.2	0.0	25.3	49
01/08/2023 18:40	2.0	41	18	4.3	0.0	25.3	50
01/08/2023 18:50	2.9	34	13	5.8	0.0	25.4	51
01/08/2023 19:00	2.7	31	13	4.0	0.0	25.4	52
01/08/2023 19:10	3.7	30	10	5.9	0.0	25.4	52
01/08/2023 19:20	3.4	26	9	5.1	0.0	25.4	54
01/08/2023 19:30	2.9	38	12	4.4	0.0	25.3	56
01/08/2023 19:40	2.0	48	15	3.3	0.0	25.2	57
01/08/2023 19:50	1.3	89	30	2.4	0.0	25.1	58
01/08/2023 20:00	2.0	53	19	3.2	0.0	24.9	59
01/08/2023 20:10	2.3	47	13	3.7	0.0	24.9	61
01/08/2023 20:20	3.0	32	10	4.3	0.0	24.9	62
01/08/2023 20:30	2.4	27	13	3.7	0.0	24.8	63
01/08/2023 20:40	2.1	21	12	3.5	0.0	24.7	64
01/08/2023 20:50	2.4	24	12	3.6	0.0	24.7	65
01/08/2023 21:00	3.1	7	13	4.4	0.0	24.7	65
01/08/2023 21:10	5.2	11	9	7.1	0.0	24.7	66
01/08/2023 21:20	4.4	6	9	5.9	0.0	24.5	68
01/08/2023 21:30	4.3	182	10	6.2	0.0	24.5	69
01/08/2023 21:40	4.0	15	11	5.4	0.0	24.4	69
01/08/2023 21:50	4.6	19	8	6.7	0.0	24.4	69
01/08/2023 22:00	4.0	14	11	5.7	0.0	24.4	69
01/08/2023 22:10	3.6	14	12	5.2	0.0	24.4	69
01/08/2023 22:20	4.4	21	10	6.1	0.0	24.4	69
01/08/2023 22:30	4.9	10	7	6.3	0.0	24.5	69
01/08/2023 22:40	5.0	17	7	6.6	0.0	24.6	69
01/08/2023 22:50	3.5	18	9	5.1	0.0	24.5	69
01/08/2023 23:00	2.3	45	28	3.6	0.0	24.3	69
01/08/2023 23:10	1.9	73	10	2.7	0.0	24.2	69
01/08/2023 23:20	1.9	68	9	2.5	0.0	24.1	69
01/08/2023 23:30	1.9	54	12	2.3	0.0	23.8	69
01/08/2023 23:40	1.1	102	27	1.9	0.0	23.5	69
01/08/2023 23:50	1.8	132	11	2.8	0.0	22.8	67
02/08/2023 00:00	1.3	107	20	2.2	0.0	22.3	62



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/08/2023 00:10	0.9	116	60	1.6	0.0	21.9	57
02/08/2023 00:20	2.0	120	13	2.7	0.0	21.9	52
02/08/2023 00:30	1.4	88	19	2.2	0.0	21.9	51
02/08/2023 00:40	1.0	140	45	2.1	0.0	21.8	50
02/08/2023 00:50	0.9	69	38	1.7	0.0	21.7	49
02/08/2023 01:00	0.3	154	80	0.6	0.0	21.4	48
02/08/2023 01:10	0.5	90	43	1.3	0.0	21.5	46
02/08/2023 01:20	0.6	99	37	1.2	0.0	21.5	45
02/08/2023 01:30	1.0	83	19	1.7	0.0	21.5	45
02/08/2023 01:40	0.7	74	30	1.3	0.0	21.4	44
02/08/2023 01:50	0.7	94	12	0.9	0.0	21.3	44
02/08/2023 02:00	1.0	89	13	1.3	0.0	21.4	43
02/08/2023 02:10	0.9	84	21	1.5	0.0	21.4	44
02/08/2023 02:20	0.6	37	44	1.8	0.0	21.4	44
02/08/2023 02:30	1.7	338	14	2.5	0.0	22.3	40
02/08/2023 02:40	1.9	331	8	2.7	0.0	23.2	39
02/08/2023 02:50	1.6	336	10	2.0	0.0	23.2	38
02/08/2023 03:00	1.5	344	10	2.2	0.0	23.2	37
02/08/2023 03:10	1.3	344	11	1.8	0.0	23.1	37
02/08/2023 03:20	1.1	334	16	2.0	0.0	23.0	36
02/08/2023 03:30	1.1	350	26	2.1	0.0	23.1	35
02/08/2023 03:40	0.7	271	34	1.5	0.0	22.4	36
02/08/2023 03:50	1.0	316	36	1.8	0.0	22.7	34
02/08/2023 04:00	1.0	301	20	1.6	0.0	22.8	33
02/08/2023 04:10	1.0	312	25	1.7	0.0	22.9	32
02/08/2023 04:20	1.3	335	14	2.2	0.0	23.2	31
02/08/2023 04:30	1.3	321	23	2.2	0.0	23.2	31
02/08/2023 04:40	0.9	296	42	2.0	0.0	23.2	30
02/08/2023 04:50	1.2	316	25	2.1	0.0	23.2	29
02/08/2023 05:00	0.8	281	27	1.3	0.0	23.0	29
02/08/2023 05:10	0.9	285	41	1.7	0.0	23.1	29
02/08/2023 05:20	0.3	83	50	0.8	0.0	23.2	28
02/08/2023 05:30	0.6	81	47	1.3	0.0	23.2	28
02/08/2023 05:40	0.6	102	31	1.0	0.0	23.2	28
02/08/2023 05:50	0.5	111	18	1.1	0.0	23.2	27
02/08/2023 06:00	0.6	135	37	1.2	0.0	23.3	27
02/08/2023 06:10	0.4	179	70	0.9	0.0	23.2	27
02/08/2023 06:20	0.6	64	49	1.2	0.0	23.2	26
02/08/2023 06:30	0.7	89	28	1.5	0.0	22.7	27
02/08/2023 06:40	0.8	101	25	1.5	0.0	22.1	27
02/08/2023 06:50	1.3	90	11	1.7	0.0	21.9	27
02/08/2023 07:00	1.0	64	10	1.5	0.0	21.8	28
02/08/2023 07:10	1.7	73	7	2.2	0.0	21.9	27
02/08/2023 07:20	1.4	93	8	1.9	0.0	21.9	27
02/08/2023 07:30	1.0	110	14	1.6	0.0	22.1	27
02/08/2023 07:40	0.8	121	28	1.4	0.0	22.2	27
02/08/2023 07:50	0.9	105	14	1.5	0.0	22.3	27
02/08/2023 08:00	0.7	91	19	1.2	0.0	22.5	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/08/2023 08:10	0.7	86	19	1.1	0.0	22.7	27
02/08/2023 08:20	0.4	63	34	0.8	0.0	23.0	28
02/08/2023 08:30	0.5	90	32	0.9	0.0	23.3	28
02/08/2023 08:40	0.6	85	18	1.0	0.0	23.6	29
02/08/2023 08:50	0.5	99	39	1.0	0.0	23.9	30
02/08/2023 09:00	0.7	170	27	1.1	0.0	24.3	32
02/08/2023 09:10	0.6	240	43	1.2	0.0	24.6	35
02/08/2023 09:20	1.1	246	55	1.9	0.0	24.8	39
02/08/2023 09:30	1.8	290	22	3.3	0.0	24.9	47
02/08/2023 09:40	1.7	314	22	3.0	0.0	25.0	50
02/08/2023 09:50	2.0	295	13	3.2	0.0	25.1	53
02/08/2023 10:00	2.0	290	17	2.9	0.0	25.3	56
02/08/2023 10:10	1.9	329	11	2.8	0.0	25.4	57
02/08/2023 10:20	1.9	322	15	2.7	0.0	25.6	58
02/08/2023 10:30	1.6	311	42	2.7	0.0	25.9	58
02/08/2023 10:40	1.3	215	63	2.8	0.0	26.3	58
02/08/2023 10:50	1.7	297	21	3.3	0.0	26.3	61
02/08/2023 11:00	1.6	287	22	3.0	0.0	26.5	62
02/08/2023 11:10	2.4	268	19	4.4	0.0	26.5	62
02/08/2023 11:20	2.8	265	15	4.6	0.0	26.5	62
02/08/2023 11:30	1.7	170	58	3.3	0.0	26.6	62
02/08/2023 11:40	1.8	237	43	3.8	0.0	26.9	62
02/08/2023 11:50	2.6	266	16	4.3	0.0	26.9	62
02/08/2023 12:00	3.6	275	13	5.0	0.0	26.7	63
02/08/2023 12:10	3.6	282	13	5.0	0.0	26.9	63
02/08/2023 12:20	3.6	290	12	5.9	0.0	26.9	63
02/08/2023 12:30	3.6	284	9	4.8	0.0	27.1	63
02/08/2023 12:40	3.6	281	13	4.8	0.0	27.0	63
02/08/2023 12:50	3.7	281	10	5.0	0.0	27.0	63
02/08/2023 13:00	3.7	279	11	5.2	0.0	27.2	63
02/08/2023 13:10	3.2	279	20	4.8	0.0	27.1	64
02/08/2023 13:20	3.0	263	18	4.8	0.0	27.3	63
02/08/2023 13:30	3.2	287	14	4.7	0.0	27.1	64
02/08/2023 13:40	3.5	278	9	4.8	0.0	27.4	63
02/08/2023 13:50	3.2	282	12	4.9	0.0	27.3	64
02/08/2023 14:00	3.3	285	13	4.7	0.0	27.5	64
02/08/2023 14:10	3.1	308	15	4.3	0.0	27.7	64
02/08/2023 14:20	3.3	326	16	4.8	0.0	27.6	64
02/08/2023 14:30	3.3	326	14	4.8	0.0	27.4	64
02/08/2023 14:40	3.0	303	18	4.2	0.0	27.6	64
02/08/2023 14:50	3.5	327	15	5.0	0.0	27.3	64
02/08/2023 15:00	3.1	333	16	4.5	0.0	27.3	64
02/08/2023 15:10	2.9	341	18	4.6	0.0	27.4	64
02/08/2023 15:20	2.6	338	18	4.2	0.0	27.2	64
02/08/2023 15:30	2.8	335	13	3.9	0.0	26.9	64
02/08/2023 15:40	2.7	330	9	3.7	0.0	27.1	64
02/08/2023 15:50	2.7	339	10	3.7	0.0	27.3	64
02/08/2023 16:00	3.0	351	14	4.3	0.0	27.4	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/08/2023 16:10	3.3	180	10	4.2	0.0	26.9	64
02/08/2023 16:20	3.5	4	12	4.5	0.0	26.9	65
02/08/2023 16:30	3.6	17	10	5.1	0.0	26.2	64
02/08/2023 16:40	4.0	20	7	5.0	0.0	26.0	63
02/08/2023 16:50	3.7	180	12	4.6	0.0	26.0	63
02/08/2023 17:00	4.1	15	8	5.3	0.0	25.7	62
02/08/2023 17:10	4.4	16	8	5.6	0.0	25.5	62
02/08/2023 17:20	4.0	353	8	5.3	0.0	25.5	62
02/08/2023 17:30	3.9	346	7	5.4	0.0	25.4	62
02/08/2023 17:40	4.1	12	9	5.5	0.0	25.2	61
02/08/2023 17:50	4.5	19	6	6.2	0.0	24.9	58
02/08/2023 18:00	4.0	18	8	5.7	0.0	24.8	57
02/08/2023 18:10	3.4	17	12	4.8	0.0	24.9	56
02/08/2023 18:20	3.7	24	9	4.9	0.0	24.8	55
02/08/2023 18:30	4.0	22	7	5.2	0.0	24.6	54
02/08/2023 18:40	3.6	21	8	4.9	0.0	24.6	53
02/08/2023 18:50	3.7	20	9	4.9	0.0	24.6	52
02/08/2023 19:00	3.9	25	8	5.2	0.0	24.5	50
02/08/2023 19:10	3.8	24	8	5.2	0.0	24.4	48
02/08/2023 19:20	3.2	29	9	5.0	0.0	24.4	47
02/08/2023 19:30	3.0	24	7	4.0	0.0	24.4	46
02/08/2023 19:40	3.1	24	11	4.4	0.0	24.3	45
02/08/2023 19:50	3.1	27	7	4.6	0.0	24.3	44
02/08/2023 20:00	3.2	23	9	4.4	0.0	24.2	42
02/08/2023 20:10	3.5	28	7	5.2	0.0	24.1	41
02/08/2023 20:20	4.1	27	8	5.6	0.0	24.2	41
02/08/2023 20:30	4.4	27	7	5.8	0.0	24.1	41
02/08/2023 20:40	4.2	26	7	5.5	0.0	24.0	41
02/08/2023 20:50	3.5	23	9	5.0	0.0	24.0	40
02/08/2023 21:00	3.2	24	9	4.7	0.0	23.9	39
02/08/2023 21:10	2.9	26	7	4.5	0.0	23.8	39
02/08/2023 21:20	3.0	25	7	4.5	0.0	23.8	38
02/08/2023 21:30	3.7	28	8	5.4	0.0	23.8	37
02/08/2023 21:40	4.0	32	7	5.5	0.0	23.7	37
02/08/2023 21:50	4.1	30	6	5.7	0.0	23.7	36
02/08/2023 22:00	3.6	25	9	5.2	0.0	23.7	36
02/08/2023 22:10	3.7	24	7	5.1	0.0	23.7	35
02/08/2023 22:20	3.9	25	8	5.5	0.0	23.7	35
02/08/2023 22:30	4.0	16	7	5.4	0.0	23.7	34
02/08/2023 22:40	4.1	17	7	5.7	0.0	23.6	33
02/08/2023 22:50	4.4	20	7	5.3	0.0	23.6	32
02/08/2023 23:00	4.1	19	7	5.1	0.0	23.5	31
02/08/2023 23:10	4.3	21	9	5.7	0.0	23.5	30
02/08/2023 23:20	4.0	17	8	5.4	0.0	23.5	29
02/08/2023 23:30	4.0	21	7	5.5	0.0	23.5	29
02/08/2023 23:40	4.7	19	7	6.5	0.0	23.5	28
02/08/2023 23:50	4.5	20	7	6.4	0.0	23.5	28
03/08/2023 00:00	4.5	21	8	6.3	0.0	23.5	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/08/2023 00:10	4.9	17	10	6.6	0.0	23.6	27
03/08/2023 00:20	4.7	15	8	6.7	0.0	23.6	27
03/08/2023 00:30	4.7	17	9	6.5	0.0	23.6	26
03/08/2023 00:40	4.8	19	9	7.9	0.0	23.7	26
03/08/2023 00:50	4.7	16	7	7.0	0.0	23.7	26
03/08/2023 01:00	3.7	186	10	5.6	0.0	23.6	26
03/08/2023 01:10	3.2	349	12	4.7	0.0	23.5	26
03/08/2023 01:20	4.4	349	10	6.5	0.0	23.7	26
03/08/2023 01:30	4.3	344	9	6.7	0.0	23.7	27
03/08/2023 01:40	4.8	344	9	6.7	0.0	23.7	27
03/08/2023 01:50	4.7	341	8	6.5	0.0	23.7	26
03/08/2023 02:00	4.4	339	9	6.5	0.0	23.7	26
03/08/2023 02:10	4.1	342	8	6.0	0.0	23.7	26
03/08/2023 02:20	4.3	339	9	6.1	0.0	23.6	25
03/08/2023 02:30	3.5	337	9	5.2	0.0	23.6	25
03/08/2023 02:40	3.2	337	11	4.8	0.0	23.6	25
03/08/2023 02:50	3.0	339	11	4.1	0.0	23.5	25
03/08/2023 03:00	2.4	336	13	3.9	0.0	23.5	25
03/08/2023 03:10	3.4	345	9	5.1	0.0	23.4	25
03/08/2023 03:20	3.7	340	7	5.1	0.0	23.4	25
03/08/2023 03:30	3.1	336	7	4.4	0.0	23.4	25
03/08/2023 03:40	2.9	335	8	4.3	0.0	23.4	24
03/08/2023 03:50	2.4	331	12	3.4	0.0	23.3	24
03/08/2023 04:00	2.9	333	10	4.7	0.0	23.3	24
03/08/2023 04:10	2.9	339	10	4.3	0.0	23.3	24
03/08/2023 04:20	3.1	342	10	4.6	0.0	23.3	24
03/08/2023 04:30	3.3	344	9	5.1	0.0	23.3	24
03/08/2023 04:40	3.4	343	9	4.7	0.0	23.3	24
03/08/2023 04:50	3.4	342	9	4.8	0.0	23.2	23
03/08/2023 05:00	3.3	346	8	4.9	0.0	23.2	23
03/08/2023 05:10	4.0	345	8	5.3	0.0	23.2	23
03/08/2023 05:20	3.4	342	9	4.7	0.0	23.2	23
03/08/2023 05:30	3.0	346	10	4.2	0.0	23.3	23
03/08/2023 05:40	3.2	348	11	4.8	0.0	23.3	23
03/08/2023 05:50	3.0	346	9	4.5	0.0	23.3	23
03/08/2023 06:00	3.2	340	9	4.7	0.0	23.3	23
03/08/2023 06:10	2.8	334	7	4.1	0.0	23.3	23
03/08/2023 06:20	3.1	337	8	4.3	0.0	23.3	23
03/08/2023 06:30	2.8	351	9	3.8	0.0	23.3	23
03/08/2023 06:40	2.4	332	10	3.5	0.0	23.2	23
03/08/2023 06:50	1.7	281	21	2.2	0.0	23.2	23
03/08/2023 07:00	1.4	233	15	2.2	0.0	23.1	23
03/08/2023 07:10	0.7	176	33	1.2	0.0	22.9	23
03/08/2023 07:20	1.0	62	9	1.4	0.0	22.9	23
03/08/2023 07:30	0.7	117	53	1.7	0.0	23.1	23
03/08/2023 07:40	2.1	190	11	3.5	0.0	22.7	23
03/08/2023 07:50	1.7	132	21	3.0	0.0	22.8	23
03/08/2023 08:00	2.1	117	12	2.9	0.0	23.0	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/08/2023 08:10	1.7	118	18	2.9	0.0	23.4	24
03/08/2023 08:20	1.7	115	18	2.7	0.0	23.4	26
03/08/2023 08:30	2.2	101	11	3.5	0.0	23.6	29
03/08/2023 08:40	2.6	106	11	3.9	0.0	23.6	31
03/08/2023 08:50	2.3	109	15	3.4	0.0	24.0	31
03/08/2023 09:00	2.3	105	14	3.4	0.0	24.0	31
03/08/2023 09:10	2.7	107	9	3.5	0.0	23.7	29
03/08/2023 09:20	2.6	107	12	3.7	0.0	23.7	29
03/08/2023 09:30	3.2	81	11	4.4	0.0	23.8	27
03/08/2023 09:40	3.3	86	9	4.3	0.0	23.7	26
03/08/2023 09:50	3.5	85	9	4.8	0.0	23.6	26
03/08/2023 10:00	3.5	80	8	4.6	0.0	23.4	25
03/08/2023 10:10	3.4	75	8	4.6	0.0	23.4	25
03/08/2023 10:20	3.5	72	7	4.6	0.0	23.4	26
03/08/2023 10:30	3.5	71	7	4.5	0.0	23.5	26
03/08/2023 10:40	3.9	68	6	4.9	0.0	23.5	26
03/08/2023 10:50	3.7	67	7	4.8	0.0	23.4	26
03/08/2023 11:00	3.5	65	8	4.7	0.0	23.6	27
03/08/2023 11:10	4.2	61	7	5.2	0.0	23.6	27
03/08/2023 11:20	3.3	81	10	4.3	0.0	23.7	28
03/08/2023 11:30	2.1	93	19	3.5	0.0	24.1	29
03/08/2023 11:40	2.6	88	15	3.6	0.0	24.3	32
03/08/2023 11:50	2.0	52	18	3.0	0.0	24.4	35
03/08/2023 12:00	2.9	284	26	3.9	0.0	24.4	39
03/08/2023 12:10	2.9	268	9	4.0	0.0	24.3	44
03/08/2023 12:20	2.8	275	13	3.8	0.0	24.4	46
03/08/2023 12:30	2.7	281	7	3.6	0.0	24.3	49
03/08/2023 12:40	3.0	275	10	4.2	0.0	24.4	50
03/08/2023 12:50	3.7	267	7	4.7	0.0	24.2	53
03/08/2023 13:00	3.2	268	7	4.3	0.0	24.3	54
03/08/2023 13:10	4.2	260	7	5.6	0.0	24.1	55
03/08/2023 13:20	4.2	274	8	5.5	0.0	24.0	56
03/08/2023 13:30	4.7	280	7	5.8	0.0	24.1	57
03/08/2023 13:40	3.8	273	7	5.0	0.0	24.5	58
03/08/2023 13:50	3.6	269	11	5.0	0.0	25.2	60
03/08/2023 14:00	3.6	264	11	4.8	0.0	25.1	61
03/08/2023 14:10	3.7	269	12	4.8	0.0	25.2	60
03/08/2023 14:20	2.7	276	15	4.0	0.0	25.7	61
03/08/2023 14:30	2.6	289	12	3.9	0.0	25.7	62
03/08/2023 14:40	2.3	294	18	3.4	0.0	26.0	62
03/08/2023 14:50	3.1	283	10	4.1	0.0	26.0	63
03/08/2023 15:00	3.0	279	11	3.8	0.0	25.9	63
03/08/2023 15:10	3.0	289	10	4.2	0.0	26.0	64
03/08/2023 15:20	2.5	285	10	3.2	0.0	26.3	63
03/08/2023 15:30	1.7	223	70	3.4	0.0	26.5	63
03/08/2023 15:40	2.8	265	28	4.8	0.0	26.4	63
03/08/2023 15:50	3.9	278	7	5.1	0.0	26.1	63
03/08/2023 16:00	4.4	278	6	5.1	0.0	25.9	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/08/2023 16:10	4.3	277	5	5.2	0.0	25.7	64
03/08/2023 16:20	3.6	279	7	4.6	0.0	26.2	64
03/08/2023 16:30	3.6	281	7	4.7	0.0	26.7	63
03/08/2023 16:40	3.9	282	8	5.1	0.0	26.6	63
03/08/2023 16:50	4.7	250	14	6.6	0.0	26.7	63
03/08/2023 17:00	5.1	224	10	6.9	0.0	25.9	64
03/08/2023 17:10	5.1	228	10	6.8	0.0	25.8	64
03/08/2023 17:20	4.5	233	11	6.6	0.0	25.6	64
03/08/2023 17:30	3.7	225	12	5.6	0.0	25.3	65
03/08/2023 17:40	3.5	224	12	5.2	0.0	25.1	65
03/08/2023 17:50	3.7	210	9	4.9	0.0	25.0	65
03/08/2023 18:00	3.3	208	9	4.8	0.0	24.7	65
03/08/2023 18:10	2.8	211	9	4.2	0.0	24.6	65
03/08/2023 18:20	2.6	201	10	3.9	0.0	24.5	66
03/08/2023 18:30	2.4	182	13	3.4	0.0	24.3	66
03/08/2023 18:40	1.8	148	21	2.7	0.0	24.1	66
03/08/2023 18:50	1.6	142	24	2.3	0.0	24.0	66
03/08/2023 19:00	1.7	152	26	2.9	0.0	24.0	66
03/08/2023 19:10	1.8	110	12	3.0	0.0	23.8	66
03/08/2023 19:20	1.7	111	16	2.5	0.0	23.8	63
03/08/2023 19:30	2.0	103	10	2.5	0.0	23.5	55
03/08/2023 19:40	1.1	104	17	1.8	0.0	23.2	45
03/08/2023 19:50	1.5	75	7	2.0	0.0	23.0	39
03/08/2023 20:00	1.3	62	8	1.6	0.0	22.7	36
03/08/2023 20:10	0.9	182	17	1.4	0.0	22.5	34
03/08/2023 20:20	0.9	348	27	1.3	0.0	22.6	35
03/08/2023 20:30	0.9	275	21	1.4	0.0	22.7	39
03/08/2023 20:40	2.0	273	11	2.9	0.0	22.6	45
03/08/2023 20:50	2.7	281	4	3.4	0.0	22.6	53
03/08/2023 21:00	2.7	279	6	3.4	0.0	22.6	53
03/08/2023 21:10	2.2	269	8	3.0	0.0	22.5	53
03/08/2023 21:20	2.4	270	6	3.1	0.0	22.4	54
03/08/2023 21:30	3.1	274	4	3.8	0.0	22.2	55
03/08/2023 21:40	3.8	277	5	4.5	0.0	22.3	56
03/08/2023 21:50	3.6	276	7	4.5	0.0	22.5	57
03/08/2023 22:00	3.7	273	5	5.0	0.0	22.3	56
03/08/2023 22:10	3.9	268	6	5.0	0.0	22.2	53
03/08/2023 22:20	3.3	273	5	3.8	0.0	22.1	50
03/08/2023 22:30	3.6	269	5	4.4	0.0	22.0	48
03/08/2023 22:40	2.7	275	5	3.3	0.0	22.0	46
03/08/2023 22:50	3.2	275	3	3.7	0.0	22.0	43
03/08/2023 23:00	3.3	274	4	4.2	0.0	21.9	42
03/08/2023 23:10	3.7	268	4	4.7	0.0	21.8	43
03/08/2023 23:20	3.6	269	4	4.3	0.0	21.8	44
03/08/2023 23:30	3.6	275	4	4.4	0.0	21.7	44
03/08/2023 23:40	3.8	272	4	4.5	0.0	21.7	44
03/08/2023 23:50	3.3	279	5	4.1	0.0	21.7	44
04/08/2023 00:00	3.5	280	4	4.6	0.0	21.5	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/08/2023 00:10	3.8	277	6	5.1	0.0	21.5	43
04/08/2023 00:20	3.1	271	5	3.9	0.0	21.5	43
04/08/2023 00:30	3.0	277	5	3.8	0.0	21.5	42
04/08/2023 00:40	2.8	277	5	3.5	0.0	21.4	41
04/08/2023 00:50	3.0	279	4	3.7	0.0	21.3	38
04/08/2023 01:00	2.9	275	4	3.4	0.0	21.1	36
04/08/2023 01:10	2.7	267	6	3.5	0.0	21.0	35
04/08/2023 01:20	2.6	267	3	3.5	0.0	21.0	35
04/08/2023 01:30	1.8	251	16	2.9	0.0	20.8	35
04/08/2023 01:40	2.8	266	6	3.4	0.0	20.8	35
04/08/2023 01:50	2.2	265	9	3.1	0.0	20.8	35
04/08/2023 02:00	0.8	241	24	1.7	0.0	20.8	35
04/08/2023 02:10	1.3	240	21	2.0	0.0	21.0	35
04/08/2023 02:20	1.4	257	14	2.1	0.0	21.1	36
04/08/2023 02:30	1.1	254	20	2.0	0.0	21.0	37
04/08/2023 02:40	1.9	209	16	3.1	0.0	21.2	39
04/08/2023 02:50	1.7	207	10	2.5	0.0	21.4	45
04/08/2023 03:00	1.6	209	11	2.7	0.0	21.4	48
04/08/2023 03:10	1.8	200	15	2.5	0.0	21.4	50
04/08/2023 03:20	1.2	215	19	1.9	0.0	21.3	51
04/08/2023 03:30	1.1	215	19	1.8	0.0	21.2	51
04/08/2023 03:40	1.3	219	18	2.1	0.0	21.1	51
04/08/2023 03:50	1.7	251	21	3.1	0.0	21.2	51
04/08/2023 04:00	1.1	249	17	1.8	0.0	21.0	51
04/08/2023 04:10	0.9	285	17	1.7	0.0	21.0	50
04/08/2023 04:20	1.2	233	21	2.3	0.0	20.9	50
04/08/2023 04:30	1.6	234	17	2.8	0.0	21.1	52
04/08/2023 04:40	1.3	252	16	2.1	0.0	21.1	53
04/08/2023 04:50	0.4	200	62	0.8	0.0	20.9	53
04/08/2023 05:00	0.8	103	32	1.8	0.0	20.7	53
04/08/2023 05:10	1.7	132	26	2.8	0.0	20.9	55
04/08/2023 05:20	1.3	27	14	1.9	0.0	20.5	54
04/08/2023 05:30	1.9	59	9	2.4	0.0	20.0	52
04/08/2023 05:40	2.2	80	7	3.0	0.0	19.9	49
04/08/2023 05:50	1.4	52	10	1.9	0.0	19.9	46
04/08/2023 06:00	0.8	69	15	1.2	0.0	20.1	45
04/08/2023 06:10	0.5	58	13	0.8	0.0	20.0	44
04/08/2023 06:20	0.4	40	7	0.6	0.0	20.1	43
04/08/2023 06:30	1.2	53	7	1.6	0.0	20.0	43
04/08/2023 06:40	1.6	63	9	2.0	0.0	19.8	42
04/08/2023 06:50	1.6	62	8	2.2	0.0	20.0	41
04/08/2023 07:00	1.5	55	8	2.0	0.0	19.9	41
04/08/2023 07:10	1.6	56	9	2.2	0.0	20.0	43
04/08/2023 07:20	1.6	52	8	2.0	0.0	20.2	46
04/08/2023 07:30	2.0	60	5	2.5	0.0	20.8	50
04/08/2023 07:40	2.1	65	9	2.8	0.0	21.1	53
04/08/2023 07:50	2.0	82	6	2.6	0.0	21.5	56
04/08/2023 08:00	1.4	96	13	1.8	0.0	22.0	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/08/2023 08:10	1.4	97	16	2.2	0.0	22.3	62
04/08/2023 08:20	1.1	104	10	1.8	0.0	22.0	61
04/08/2023 08:30	0.7	143	18	1.3	0.0	22.1	61
04/08/2023 08:40	1.4	203	7	1.8	0.0	21.7	60
04/08/2023 08:50	1.6	244	10	2.2	0.0	21.9	61
04/08/2023 09:00	2.2	268	7	3.1	0.0	22.4	63
04/08/2023 09:10	1.9	263	16	2.6	0.0	22.9	64
04/08/2023 09:20	2.4	245	12	3.3	0.0	23.2	65
04/08/2023 09:30	2.7	272	12	3.5	0.0	23.4	65
04/08/2023 09:40	1.8	287	22	2.8	0.0	23.7	65
04/08/2023 09:50	1.3	233	26	2.3	0.0	24.3	65
04/08/2023 10:00	1.2	223	31	2.0	0.0	24.6	65
04/08/2023 10:10	1.5	202	27	2.7	0.0	25.2	64
04/08/2023 10:20	2.0	120	21	4.1	0.0	25.6	62
04/08/2023 10:30	1.3	120	30	2.6	0.0	26.0	60
04/08/2023 10:40	1.5	129	25	2.6	0.0	26.5	59
04/08/2023 10:50	1.7	129	17	2.7	0.0	26.4	58
04/08/2023 11:00	2.3	105	18	3.3	0.0	26.5	57
04/08/2023 11:10	2.7	98	15	3.8	0.0	26.6	56
04/08/2023 11:20	2.7	110	13	3.8	0.0	26.9	54
04/08/2023 11:30	2.6	99	21	3.9	0.0	27.0	54
04/08/2023 11:40	2.2	103	22	3.5	0.0	27.1	54
04/08/2023 11:50	1.6	71	31	3.2	0.0	27.3	54
04/08/2023 12:00	2.5	74	21	4.2	0.0	27.3	54
04/08/2023 12:10	2.7	67	19	4.7	0.0	27.3	55
04/08/2023 12:20	2.7	60	19	4.9	0.0	27.5	54
04/08/2023 12:30	2.5	63	21	4.3	0.0	27.9	53
04/08/2023 12:40	1.7	22	24	3.4	0.0	27.9	53
04/08/2023 12:50	1.7	107	42	3.3	0.0	28.8	50
04/08/2023 13:00	1.8	175	19	3.0	0.0	28.3	51
04/08/2023 13:10	1.7	121	38	3.6	0.0	28.8	50
04/08/2023 13:20	1.4	140	49	3.9	0.0	28.9	49
04/08/2023 13:30	1.5	115	28	2.8	0.0	29.6	48
04/08/2023 13:40	1.4	123	42	3.3	0.0	30.0	46
04/08/2023 13:50	2.2	185	37	4.5	0.0	29.2	49
04/08/2023 14:00	2.6	273	21	4.3	0.0	28.9	51
04/08/2023 14:10	2.6	307	21	4.1	0.0	28.7	52
04/08/2023 14:20	2.4	305	27	4.2	0.0	28.6	54
04/08/2023 14:30	2.5	172	13	3.7	0.0	28.7	53
04/08/2023 14:40	2.5	32	27	4.0	0.0	28.6	53
04/08/2023 14:50	3.1	34	17	4.6	0.0	28.5	54
04/08/2023 15:00	3.6	182	10	5.1	0.0	27.9	58
04/08/2023 15:10	3.6	339	12	5.1	0.0	27.5	59
04/08/2023 15:20	4.1	341	10	5.3	0.0	27.2	59
04/08/2023 15:30	4.3	343	12	5.8	0.0	27.1	58
04/08/2023 15:40	4.1	341	12	5.6	0.0	27.0	59
04/08/2023 15:50	3.7	339	10	4.9	0.0	26.7	60
04/08/2023 16:00	4.0	338	10	5.7	0.0	26.6	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/08/2023 16:10	4.3	322	12	5.6	0.0	26.2	62
04/08/2023 16:20	4.3	325	7	5.6	0.0	26.1	62
04/08/2023 16:30	3.3	311	11	4.6	0.0	25.9	63
04/08/2023 16:40	3.7	309	14	5.0	0.0	25.8	61
04/08/2023 16:50	4.1	322	9	5.8	0.0	25.4	63
04/08/2023 17:00	4.3	316	8	5.7	0.0	25.2	65
04/08/2023 17:10	4.2	329	8	5.5	0.0	25.0	66
04/08/2023 17:20	3.8	308	12	5.5	0.0	24.8	67
04/08/2023 17:30	3.6	304	11	5.1	0.0	24.6	67
04/08/2023 17:40	3.3	288	9	4.6	0.0	24.4	68
04/08/2023 17:50	3.4	271	11	4.7	0.0	24.2	67
04/08/2023 18:00	3.6	259	9	4.6	0.0	23.6	63
04/08/2023 18:10	3.9	268	7	4.9	0.0	23.1	58
04/08/2023 18:20	3.8	267	7	5.0	0.0	22.9	57
04/08/2023 18:30	3.1	268	7	4.0	0.0	22.7	58
04/08/2023 18:40	3.0	263	7	3.9	0.0	22.7	58
04/08/2023 18:50	2.5	257	7	3.6	0.0	22.5	58
04/08/2023 19:00	3.1	256	5	3.8	0.0	22.4	58
04/08/2023 19:10	3.1	268	6	4.1	0.0	22.4	58
04/08/2023 19:20	3.1	269	7	3.8	0.0	22.4	59
04/08/2023 19:30	2.8	264	7	3.6	0.0	22.4	59
04/08/2023 19:40	2.5	259	5	3.2	0.0	22.3	58
04/08/2023 19:50	2.4	271	6	3.0	0.0	22.1	57
04/08/2023 20:00	2.8	272	5	3.3	0.0	22.1	56
04/08/2023 20:10	3.2	274	4	4.0	0.0	22.1	54
04/08/2023 20:20	3.4	275	4	4.0	0.0	22.0	52
04/08/2023 20:30	3.0	271	4	3.7	0.0	22.0	51
04/08/2023 20:40	3.1	274	4	3.6	0.0	22.0	50
04/08/2023 20:50	3.0	269	4	3.7	0.0	21.9	49
04/08/2023 21:00	2.9	265	5	3.7	0.0	21.9	49
04/08/2023 21:10	3.5	265	4	4.4	0.0	21.8	51
04/08/2023 21:20	3.1	266	5	3.9	0.0	21.7	53
04/08/2023 21:30	3.0	265	4	3.5	0.0	21.7	52
04/08/2023 21:40	2.9	269	4	3.5	0.0	21.6	51
04/08/2023 21:50	3.2	267	5	3.9	0.0	21.7	51
04/08/2023 22:00	3.2	260	4	3.9	0.0	21.7	52
04/08/2023 22:10	3.0	267	4	3.9	0.0	21.6	51
04/08/2023 22:20	3.2	270	4	4.0	0.0	21.6	51
04/08/2023 22:30	2.7	267	4	3.4	0.0	21.6	51
04/08/2023 22:40	2.5	269	3	2.8	0.0	21.4	50
04/08/2023 22:50	2.7	272	3	3.1	0.0	21.3	49
04/08/2023 23:00	2.7	269	3	3.0	0.0	21.3	50
04/08/2023 23:10	2.5	273	4	2.9	0.0	21.3	51
04/08/2023 23:20	3.4	274	4	4.0	0.0	21.4	53
04/08/2023 23:30	3.3	276	4	3.9	0.0	21.5	57
04/08/2023 23:40	3.8	274	3	4.4	0.0	21.5	60
04/08/2023 23:50	3.6	272	3	4.2	0.0	21.5	64
05/08/2023 00:00	3.6	271	4	4.2	0.0	21.5	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/08/2023 00:10	3.7	274	4	4.4	0.0	21.5	66
05/08/2023 00:20	3.7	270	4	4.5	0.0	21.5	66
05/08/2023 00:30	3.4	273	4	4.1	0.0	21.4	67
05/08/2023 00:40	3.4	277	5	4.2	0.0	21.5	66
05/08/2023 00:50	3.4	272	5	4.2	0.0	21.6	66
05/08/2023 01:00	3.4	277	5	4.2	0.0	21.7	65
05/08/2023 01:10	3.0	269	4	3.6	0.0	21.6	65
05/08/2023 01:20	2.6	277	6	3.2	0.0	21.6	65
05/08/2023 01:30	2.6	274	4	3.0	0.0	21.8	64
05/08/2023 01:40	2.4	271	5	2.8	0.0	21.7	64
05/08/2023 01:50	2.3	275	6	3.3	0.0	21.8	64
05/08/2023 02:00	1.8	281	27	2.6	0.0	22.0	64
05/08/2023 02:10	0.7	251	39	1.5	0.0	21.7	65
05/08/2023 02:20	0.7	132	51	1.8	0.0	21.7	65
05/08/2023 02:30	0.8	51	27	1.4	0.0	22.3	64
05/08/2023 02:40	0.8	146	51	1.5	0.0	22.2	64
05/08/2023 02:50	0.4	178	61	0.9	0.0	22.2	63
05/08/2023 03:00	0.8	146	26	1.7	0.0	22.1	64
05/08/2023 03:10	1.6	158	16	2.4	0.0	22.3	65
05/08/2023 03:20	2.6	169	10	4.1	0.0	22.4	64
05/08/2023 03:30	1.4	174	13	2.7	0.0	22.3	65
05/08/2023 03:40	1.1	171	17	1.9	0.0	22.2	66
05/08/2023 03:50	1.5	172	10	2.0	0.0	22.6	65
05/08/2023 04:00	1.2	167	27	2.0	0.0	22.7	65
05/08/2023 04:10	1.2	158	31	2.3	0.0	22.4	66
05/08/2023 04:20	1.8	94	17	3.3	0.0	22.4	64
05/08/2023 04:30	2.0	111	21	3.4	0.0	22.9	61
05/08/2023 04:40	2.7	103	11	4.2	0.0	23.0	60
05/08/2023 04:50	2.5	106	11	3.8	0.0	22.7	62
05/08/2023 05:00	2.1	103	10	3.3	0.0	21.8	66
05/08/2023 05:10	2.1	94	5	2.5	0.0	21.4	67
05/08/2023 05:20	2.5	91	5	4.0	0.0	21.2	67
05/08/2023 05:30	3.5	92	7	5.2	0.0	21.9	62
05/08/2023 05:40	3.5	93	7	5.0	0.0	22.1	61
05/08/2023 05:50	3.5	92	6	5.0	0.0	21.8	63
05/08/2023 06:00	3.8	91	6	5.3	0.0	21.7	62
05/08/2023 06:10	2.8	84	6	3.6	0.0	21.4	63
05/08/2023 06:20	2.4	77	6	3.1	0.0	21.1	65
05/08/2023 06:30	3.1	84	9	4.4	0.0	21.3	63
05/08/2023 06:40	3.9	92	8	5.7	0.0	21.8	59
05/08/2023 06:50	2.9	99	11	4.4	0.0	21.8	60
05/08/2023 07:00	3.5	102	11	5.3	0.0	21.6	61
05/08/2023 07:10	3.5	102	11	5.6	0.0	21.7	63
05/08/2023 07:20	5.0	104	11	7.8	0.0	22.1	60
05/08/2023 07:30	5.0	104	12	7.6	0.0	22.4	59
05/08/2023 07:40	5.8	106	11	9.6	0.0	22.5	59
05/08/2023 07:50	6.4	106	11	9.7	0.0	22.6	58
05/08/2023 08:00	6.5	106	10	10.2	0.0	22.7	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/08/2023 08:10	6.5	105	10	9.9	0.0	23.1	57
05/08/2023 08:20	6.1	107	11	9.3	0.0	23.2	56
05/08/2023 08:30	6.7	107	10	9.8	0.0	23.3	56
05/08/2023 08:40	6.4	106	10	9.7	0.0	23.5	55
05/08/2023 08:50	6.4	106	10	9.4	0.0	23.7	55
05/08/2023 09:00	6.1	105	10	9.3	0.0	23.9	55
05/08/2023 09:10	6.0	105	11	9.1	0.0	24.3	54
05/08/2023 09:20	6.3	106	8	9.4	0.0	24.4	54
05/08/2023 09:30	5.8	109	12	8.4	0.0	24.7	55
05/08/2023 09:40	5.8	109	10	8.8	0.0	24.7	54
05/08/2023 09:50	6.0	108	9	9.1	0.0	24.7	55
05/08/2023 10:00	5.7	105	11	8.6	0.0	25.3	49
05/08/2023 10:10	6.1	101	10	8.6	0.0	25.6	46
05/08/2023 10:20	7.0	94	7	9.1	0.0	25.6	46
05/08/2023 10:30	6.5	94	9	9.4	0.0	25.7	47
05/08/2023 10:40	6.2	94	7	8.5	0.0	26.0	46
05/08/2023 10:50	6.3	92	8	8.4	0.0	26.3	46
05/08/2023 11:00	7.2	90	9	9.4	0.0	26.3	46
05/08/2023 11:10	6.8	88	8	9.0	0.0	26.5	47
05/08/2023 11:20	6.8	87	7	9.3	0.0	26.7	45
05/08/2023 11:30	6.3	89	10	8.9	0.0	27.0	44
05/08/2023 11:40	6.6	82	8	9.0	0.0	26.9	45
05/08/2023 11:50	7.0	78	7	9.6	0.0	26.8	46
05/08/2023 12:00	7.8	77	5	10.0	0.0	26.7	44
05/08/2023 12:10	7.5	77	7	9.3	0.0	27.0	44
05/08/2023 12:20	7.1	77	8	9.2	0.0	26.9	45
05/08/2023 12:30	6.5	79	8	8.3	0.0	27.2	45
05/08/2023 12:40	7.1	78	7	9.3	0.0	27.2	44
05/08/2023 12:50	6.4	76	7	9.1	0.0	27.6	43
05/08/2023 13:00	5.9	75	10	8.7	0.0	27.5	44
05/08/2023 13:10	5.7	78	9	7.9	0.0	27.7	43
05/08/2023 13:20	5.5	76	8	7.2	0.0	27.8	43
05/08/2023 13:30	5.9	76	8	8.1	0.0	28.2	41
05/08/2023 13:40	5.8	76	8	7.6	0.0	28.3	39
05/08/2023 13:50	5.7	78	8	7.9	0.0	28.3	39
05/08/2023 14:00	6.1	80	8	8.2	0.0	28.6	37
05/08/2023 14:10	6.2	76	8	8.3	0.0	28.8	36
05/08/2023 14:20	5.9	77	8	8.0	0.0	29.1	36
05/08/2023 14:30	6.1	82	8	8.0	0.0	29.0	36
05/08/2023 14:40	6.5	83	8	8.6	0.0	29.4	34
05/08/2023 14:50	5.9	82	11	7.9	0.0	29.6	34
05/08/2023 15:00	5.5	81	10	8.0	0.0	29.8	34
05/08/2023 15:10	4.8	75	12	7.2	0.0	29.7	34
05/08/2023 15:20	4.4	70	13	6.8	0.0	29.6	35
05/08/2023 15:30	4.5	62	10	6.1	0.0	29.2	36
05/08/2023 15:40	4.6	65	9	6.6	0.0	29.3	34
05/08/2023 15:50	4.6	63	8	6.5	0.0	29.1	34
05/08/2023 16:00	5.1	67	12	7.2	0.0	29.0	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/08/2023 16:10	5.4	68	9	7.5	0.0	28.8	33
05/08/2023 16:20	5.1	65	9	7.6	0.0	28.7	33
05/08/2023 16:30	5.0	68	10	7.3	0.0	28.5	34
05/08/2023 16:40	4.8	59	7	6.6	0.0	28.3	35
05/08/2023 16:50	4.7	57	8	6.6	0.0	28.0	36
05/08/2023 17:00	5.2	56	7	6.7	0.0	27.5	38
05/08/2023 17:10	5.0	59	8	6.8	0.0	27.4	39
05/08/2023 17:20	5.2	62	6	7.2	0.0	27.1	40
05/08/2023 17:30	4.8	60	8	6.7	0.0	26.7	42
05/08/2023 17:40	4.8	62	7	6.6	0.0	26.3	44
05/08/2023 17:50	4.4	65	8	5.8	0.0	25.9	46
05/08/2023 18:00	4.3	64	7	5.5	0.0	25.8	46
05/08/2023 18:10	4.2	68	6	5.4	0.0	25.5	47
05/08/2023 18:20	3.3	59	7	4.6	0.0	25.4	47
05/08/2023 18:30	3.0	62	7	4.0	0.0	25.1	49
05/08/2023 18:40	2.0	55	11	3.1	0.0	24.9	50
05/08/2023 18:50	2.7	52	11	3.9	0.0	24.6	52
05/08/2023 19:00	2.7	51	10	3.7	0.0	24.7	50
05/08/2023 19:10	1.4	77	16	2.3	0.0	24.9	50
05/08/2023 19:20	0.5	128	63	0.9	0.0	24.7	54
05/08/2023 19:30	0.6	245	40	1.1	0.0	24.2	60
05/08/2023 19:40	0.7	128	45	1.4	0.0	24.3	57
05/08/2023 19:50	1.1	136	38	1.8	0.0	24.4	60
05/08/2023 20:00	1.2	173	14	1.8	0.0	24.5	57
05/08/2023 20:10	0.8	80	23	1.4	0.0	24.9	54
05/08/2023 20:20	0.9	138	42	1.4	0.0	24.4	60
05/08/2023 20:30	0.8	116	16	1.3	0.0	24.5	57
05/08/2023 20:40	0.9	92	18	1.8	0.0	24.5	57
05/08/2023 20:50	1.2	54	11	1.6	0.0	24.3	58
05/08/2023 21:00	1.1	24	10	1.3	0.0	24.3	57
05/08/2023 21:10	1.0	125	28	1.5	0.0	24.3	61
05/08/2023 21:20	1.4	134	17	2.0	0.0	24.2	61
05/08/2023 21:30	1.5	72	22	2.7	0.0	24.1	58
05/08/2023 21:40	1.7	85	15	2.5	0.0	24.0	59
05/08/2023 21:50	2.1	72	13	2.6	0.0	24.1	61
05/08/2023 22:00	1.7	71	11	2.2	0.0	23.7	65
05/08/2023 22:10	1.5	61	8	1.9	0.0	23.7	66
05/08/2023 22:20	1.6	73	9	2.1	0.0	23.7	66
05/08/2023 22:30	1.0	81	48	2.0	0.0	23.8	63
05/08/2023 22:40	1.0	44	36	1.7	0.0	24.0	59
05/08/2023 22:50	0.9	74	31	1.4	0.0	24.1	57
05/08/2023 23:00	0.9	59	26	1.5	0.0	24.1	56
05/08/2023 23:10	1.2	79	11	1.8	0.0	24.3	53
05/08/2023 23:20	0.8	51	29	1.5	0.0	24.9	49
05/08/2023 23:30	0.8	82	27	1.5	0.0	25.3	45
05/08/2023 23:40	1.3	73	21	1.9	0.0	25.6	44
05/08/2023 23:50	0.9	37	21	1.4	0.0	25.5	44
06/08/2023 00:00	0.7	15	20	1.2	0.0	25.7	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/08/2023 00:10	0.8	67	14	1.0	0.0	25.5	44
06/08/2023 00:20	1.4	45	11	1.8	0.0	25.4	44
06/08/2023 00:30	1.4	66	14	2.2	0.0	25.3	44
06/08/2023 00:40	1.0	73	19	1.8	0.0	25.4	43
06/08/2023 00:50	1.3	52	12	1.7	0.0	25.1	45
06/08/2023 01:00	1.0	73	17	1.5	0.0	24.7	45
06/08/2023 01:10	1.1	90	16	1.8	0.0	24.3	46
06/08/2023 01:20	1.1	64	11	1.3	0.0	24.0	47
06/08/2023 01:30	1.1	56	8	1.3	0.0	24.0	47
06/08/2023 01:40	1.1	59	7	1.3	0.0	24.1	46
06/08/2023 01:50	1.1	49	5	1.4	0.0	24.4	45
06/08/2023 02:00	1.1	54	6	1.3	0.0	24.5	44
06/08/2023 02:10	1.1	58	4	1.3	0.0	24.2	44
06/08/2023 02:20	1.1	62	5	1.3	0.0	23.5	46
06/08/2023 02:30	1.2	67	4	1.3	0.0	23.7	45
06/08/2023 02:40	1.4	70	11	1.7	0.0	23.1	47
06/08/2023 02:50	1.0	83	14	1.3	0.0	23.0	47
06/08/2023 03:00	1.3	58	10	1.7	0.0	23.4	47
06/08/2023 03:10	1.4	72	5	1.6	0.0	23.2	47
06/08/2023 03:20	1.2	66	5	1.6	0.0	23.2	48
06/08/2023 03:30	1.3	77	5	1.6	0.0	23.2	48
06/08/2023 03:40	1.2	73	6	1.4	0.0	23.4	47
06/08/2023 03:50	1.5	59	4	1.7	0.0	23.6	47
06/08/2023 04:00	1.5	66	6	1.8	0.0	23.4	48
06/08/2023 04:10	1.4	68	7	1.6	0.0	23.1	49
06/08/2023 04:20	1.6	66	5	1.9	0.0	23.4	48
06/08/2023 04:30	1.4	100	15	1.9	0.0	23.3	49
06/08/2023 04:40	1.1	68	17	1.7	0.0	23.7	48
06/08/2023 04:50	1.0	62	17	1.5	0.0	24.2	45
06/08/2023 05:00	1.4	99	16	2.3	0.0	24.1	45
06/08/2023 05:10	1.2	95	22	1.8	0.0	24.4	44
06/08/2023 05:20	1.1	71	19	1.7	0.0	24.4	44
06/08/2023 05:30	1.3	66	11	2.0	0.0	24.3	45
06/08/2023 05:40	1.5	75	24	2.5	0.0	24.0	46
06/08/2023 05:50	1.7	79	12	2.5	0.0	23.7	46
06/08/2023 06:00	1.9	84	10	2.9	0.0	23.7	46
06/08/2023 06:10	2.6	73	11	3.7	0.0	23.7	44
06/08/2023 06:20	2.3	84	9	3.1	0.0	23.9	43
06/08/2023 06:30	1.8	81	10	2.3	0.0	23.8	45
06/08/2023 06:40	1.9	76	7	2.4	0.0	23.5	46
06/08/2023 06:50	2.3	82	8	3.3	0.0	23.9	46
06/08/2023 07:00	2.5	79	8	3.4	0.0	24.1	46
06/08/2023 07:10	3.0	81	11	4.3	0.0	24.3	46
06/08/2023 07:20	3.2	92	10	5.2	0.0	24.5	47
06/08/2023 07:30	3.0	90	11	4.8	0.0	24.5	48
06/08/2023 07:40	2.5	84	16	4.2	0.0	24.7	47
06/08/2023 07:50	2.1	55	11	3.8	0.0	24.7	48
06/08/2023 08:00	1.6	62	14	2.2	0.0	24.4	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/08/2023 08:10	1.9	74	16	3.0	0.0	24.3	54
06/08/2023 08:20	2.4	93	15	4.0	0.0	24.3	54
06/08/2023 08:30	2.3	87	16	3.9	0.0	24.4	54
06/08/2023 08:40	3.7	98	11	5.7	0.0	24.6	51
06/08/2023 08:50	2.9	98	11	4.6	0.0	24.5	53
06/08/2023 09:00	3.2	94	12	4.9	0.0	24.7	52
06/08/2023 09:10	3.5	100	12	5.4	0.0	24.9	50
06/08/2023 09:20	3.1	104	12	5.2	0.0	24.9	50
06/08/2023 09:30	4.1	102	11	6.2	0.0	24.9	51
06/08/2023 09:40	4.2	101	11	6.7	0.0	25.2	49
06/08/2023 09:50	4.1	93	10	6.2	0.0	25.1	53
06/08/2023 10:00	5.5	92	9	7.7	0.0	25.5	50
06/08/2023 10:10	5.9	92	8	8.6	0.0	25.6	49
06/08/2023 10:20	5.8	90	7	8.1	0.0	25.5	50
06/08/2023 10:30	5.9	91	8	8.7	0.0	25.5	50
06/08/2023 10:40	4.9	90	8	6.9	0.0	25.6	50
06/08/2023 10:50	5.1	88	9	8.2	0.0	25.8	49
06/08/2023 11:00	5.8	86	10	8.6	0.0	25.9	48
06/08/2023 11:10	6.1	87	7	9.1	0.0	26.0	48
06/08/2023 11:20	6.1	87	9	8.8	0.0	26.2	46
06/08/2023 11:30	6.1	90	9	8.5	0.0	26.2	47
06/08/2023 11:40	5.4	86	9	7.5	0.0	26.4	47
06/08/2023 11:50	5.8	81	9	8.4	0.0	26.5	45
06/08/2023 12:00	6.1	79	9	8.4	0.0	26.4	45
06/08/2023 12:10	6.2	78	7	8.3	0.0	26.1	47
06/08/2023 12:20	6.4	75	6	8.6	0.0	25.7	48
06/08/2023 12:30	6.7	79	9	9.1	0.0	25.6	49
06/08/2023 12:40	6.7	87	8	9.6	0.0	25.7	49
06/08/2023 12:50	6.7	86	7	8.6	0.0	25.7	50
06/08/2023 13:00	6.6	84	8	9.1	0.0	25.6	50
06/08/2023 13:10	6.1	80	7	8.5	0.0	25.6	51
06/08/2023 13:20	6.1	81	10	8.2	0.0	25.8	51
06/08/2023 13:30	6.9	79	6	8.8	0.0	25.7	50
06/08/2023 13:40	7.2	82	8	9.3	0.0	25.8	48
06/08/2023 13:50	6.4	79	8	8.7	0.0	25.7	50
06/08/2023 14:00	5.8	78	7	8.0	0.0	25.8	51
06/08/2023 14:10	6.4	77	7	8.4	0.0	25.6	50
06/08/2023 14:20	5.9	84	8	8.2	0.0	25.9	49
06/08/2023 14:30	5.6	81	8	8.1	0.0	25.8	50
06/08/2023 14:40	5.2	80	7	7.6	0.0	25.7	52
06/08/2023 14:50	5.3	80	7	7.7	0.0	25.8	52
06/08/2023 15:00	5.2	70	8	7.3	0.0	26.2	50
06/08/2023 15:10	5.5	64	8	7.3	0.0	25.8	52
06/08/2023 15:20	5.7	64	8	7.8	0.0	25.6	55
06/08/2023 15:30	5.9	62	9	8.7	0.0	25.8	55
06/08/2023 15:40	6.3	62	7	8.5	0.0	25.7	55
06/08/2023 15:50	6.1	65	6	7.9	0.0	25.6	55
06/08/2023 16:00	5.8	64	8	7.8	0.0	25.6	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/08/2023 16:10	5.0	65	8	6.8	0.0	25.6	56
06/08/2023 16:20	4.7	68	8	6.4	0.0	25.6	56
06/08/2023 16:30	5.2	70	7	6.9	0.0	25.4	56
06/08/2023 16:40	4.7	72	8	6.2	0.0	25.5	56
06/08/2023 16:50	4.7	65	6	6.5	0.0	25.6	57
06/08/2023 17:00	4.8	65	7	6.5	0.0	25.4	57
06/08/2023 17:10	4.4	65	7	6.2	0.0	25.4	56
06/08/2023 17:20	4.1	66	8	5.6	0.0	25.7	56
06/08/2023 17:30	3.9	67	8	5.2	0.0	25.8	56
06/08/2023 17:40	3.7	65	8	5.5	0.0	25.5	57
06/08/2023 17:50	3.1	63	7	4.5	0.0	24.9	60
06/08/2023 18:00	2.7	64	7	3.7	0.0	24.4	63
06/08/2023 18:10	2.7	76	9	3.7	0.0	24.0	65
06/08/2023 18:20	2.4	75	7	3.8	0.0	23.7	65
06/08/2023 18:30	2.0	65	5	2.7	0.0	23.2	67
06/08/2023 18:40	1.9	56	6	2.5	0.0	22.9	68
06/08/2023 18:50	2.0	62	8	3.3	0.0	22.8	69
06/08/2023 19:00	2.1	64	7	3.2	0.0	22.9	68
06/08/2023 19:10	2.2	62	6	3.1	0.0	22.8	68
06/08/2023 19:20	2.2	52	5	2.7	0.0	22.6	69
06/08/2023 19:30	2.6	51	3	3.0	0.0	22.3	69
06/08/2023 19:40	2.5	57	5	3.1	0.0	22.3	69
06/08/2023 19:50	1.9	58	6	2.8	0.0	22.2	69
06/08/2023 20:00	2.2	64	6	3.0	0.0	22.2	69
06/08/2023 20:10	2.5	64	7	3.3	0.0	22.2	69
06/08/2023 20:20	2.7	73	9	3.8	0.0	22.7	65
06/08/2023 20:30	1.9	70	7	2.3	0.0	22.8	65
06/08/2023 20:40	1.7	60	6	2.1	0.0	22.4	67
06/08/2023 20:50	1.5	102	14	2.0	0.0	22.3	68
06/08/2023 21:00	1.5	87	12	2.0	0.0	22.5	69
06/08/2023 21:10	1.4	66	6	1.7	0.0	21.9	69
06/08/2023 21:20	1.0	73	17	1.3	0.0	21.6	69
06/08/2023 21:30	0.8	79	20	1.2	0.0	21.9	69
06/08/2023 21:40	0.9	47	12	1.2	0.0	22.0	69
06/08/2023 21:50	0.7	69	16	1.0	0.0	21.8	69
06/08/2023 22:00	1.3	69	22	1.9	0.0	21.8	69
06/08/2023 22:10	1.8	36	10	2.4	0.0	21.7	68
06/08/2023 22:20	1.4	74	9	1.8	0.0	21.2	66
06/08/2023 22:30	2.0	40	17	2.8	0.0	21.1	62
06/08/2023 22:40	1.6	78	11	2.3	0.0	21.1	61
06/08/2023 22:50	1.7	75	15	2.6	0.0	21.0	61
06/08/2023 23:00	1.9	63	23	2.7	0.0	21.1	63
06/08/2023 23:10	1.3	66	7	1.8	0.0	21.0	64
06/08/2023 23:20	1.1	52	16	1.8	0.0	21.0	65
06/08/2023 23:30	1.8	41	10	2.2	0.0	20.8	66
06/08/2023 23:40	1.4	54	8	2.1	0.0	21.0	67
06/08/2023 23:50	1.1	22	11	1.5	0.0	21.0	67
07/08/2023 00:00	1.5	71	18	2.4	0.0	21.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/08/2023 00:10	1.7	51	6	2.1	0.0	20.7	68
07/08/2023 00:20	1.6	50	17	2.3	0.0	20.9	68
07/08/2023 00:30	1.9	64	15	2.5	0.0	21.0	68
07/08/2023 00:40	1.8	61	11	2.3	0.0	20.9	68
07/08/2023 00:50	1.6	82	11	2.0	0.0	20.8	68
07/08/2023 01:00	1.6	59	14	2.1	0.0	21.1	68
07/08/2023 01:10	1.8	55	17	2.3	0.0	21.1	68
07/08/2023 01:20	1.9	66	7	2.5	0.0	21.2	68
07/08/2023 01:30	2.1	76	12	2.6	0.0	20.9	69
07/08/2023 01:40	1.6	78	10	2.1	0.0	21.1	68
07/08/2023 01:50	1.7	52	5	1.9	0.0	21.3	68
07/08/2023 02:00	1.9	57	8	2.1	0.0	21.4	67
07/08/2023 02:10	1.7	50	7	2.2	0.0	21.4	67
07/08/2023 02:20	1.7	57	11	2.3	0.0	22.2	63
07/08/2023 02:30	1.8	60	7	2.3	0.0	21.7	64
07/08/2023 02:40	1.8	50	6	2.3	0.0	22.1	62
07/08/2023 02:50	1.8	62	7	2.1	0.0	22.2	61
07/08/2023 03:00	1.8	65	8	2.4	0.0	21.7	63
07/08/2023 03:10	1.6	56	7	2.3	0.0	21.6	62
07/08/2023 03:20	1.6	54	7	2.2	0.0	21.9	61
07/08/2023 03:30	1.7	62	9	2.4	0.0	22.2	60
07/08/2023 03:40	1.6	50	7	2.2	0.0	22.2	61
07/08/2023 03:50	1.7	57	9	2.7	0.0	22.0	62
07/08/2023 04:00	1.1	65	15	1.8	0.0	22.0	62
07/08/2023 04:10	1.8	44	9	2.4	0.0	22.0	63
07/08/2023 04:20	1.6	52	9	2.2	0.0	21.8	64
07/08/2023 04:30	1.6	48	9	2.2	0.0	21.5	65
07/08/2023 04:40	1.7	57	7	2.3	0.0	21.2	67
07/08/2023 04:50	1.5	63	9	2.1	0.0	21.2	66
07/08/2023 05:00	1.5	50	8	2.1	0.0	21.5	65
07/08/2023 05:10	1.6	58	10	2.3	0.0	21.7	66
07/08/2023 05:20	1.5	56	8	2.1	0.0	21.5	67
07/08/2023 05:30	1.4	50	9	1.9	0.0	21.6	66
07/08/2023 05:40	1.4	44	12	2.0	0.0	21.5	66
07/08/2023 05:50	1.1	61	8	1.6	0.0	21.1	67
07/08/2023 06:00	1.4	68	6	1.8	0.0	21.1	67
07/08/2023 06:10	1.4	75	6	1.9	0.0	20.9	68
07/08/2023 06:20	1.3	66	6	1.6	0.0	20.8	69
07/08/2023 06:30	1.4	58	6	1.7	0.0	20.8	69
07/08/2023 06:40	1.6	63	5	1.9	0.0	21.0	68
07/08/2023 06:50	1.6	76	4	1.9	0.0	21.0	67
07/08/2023 07:00	1.4	76	4	1.7	0.0	21.0	66
07/08/2023 07:10	1.4	73	5	1.7	0.0	21.4	65
07/08/2023 07:20	1.2	71	6	1.5	0.0	21.6	64
07/08/2023 07:30	1.3	74	6	2.0	0.0	21.8	64
07/08/2023 07:40	1.3	78	9	1.9	0.0	22.1	63
07/08/2023 07:50	1.6	84	7	2.2	0.0	22.5	61
07/08/2023 08:00	1.5	83	9	2.1	0.0	22.7	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/08/2023 08:10	1.5	84	10	2.2	0.0	23.1	59
07/08/2023 08:20	1.9	92	8	2.7	0.0	23.4	57
07/08/2023 08:30	2.2	92	8	3.4	0.0	24.2	54
07/08/2023 08:40	3.5	95	12	4.9	0.0	25.5	47
07/08/2023 08:50	4.9	94	9	6.8	0.0	25.8	43
07/08/2023 09:00	4.5	97	10	6.6	0.0	25.6	44
07/08/2023 09:10	4.9	94	11	6.8	0.0	25.4	46
07/08/2023 09:20	5.0	94	10	7.7	0.0	25.5	47
07/08/2023 09:30	4.6	78	13	7.6	0.0	25.3	48
07/08/2023 09:40	4.6	74	11	6.9	0.0	25.2	51
07/08/2023 09:50	5.4	78	9	7.8	0.0	25.3	50
07/08/2023 10:00	5.5	90	11	7.7	0.0	25.5	50
07/08/2023 10:10	6.2	91	9	9.3	0.0	25.7	47
07/08/2023 10:20	7.2	91	9	9.5	0.0	25.6	45
07/08/2023 10:30	7.7	80	8	10.4	0.0	25.7	42
07/08/2023 10:40	6.5	81	11	9.7	0.0	25.5	46
07/08/2023 10:50	6.7	74	11	9.8	0.0	25.2	49
07/08/2023 11:00	7.2	65	9	9.8	0.0	25.2	50
07/08/2023 11:10	7.3	64	9	9.9	0.0	24.8	51
07/08/2023 11:20	6.9	70	10	9.8	0.0	25.3	51
07/08/2023 11:30	6.8	76	9	10.2	0.0	25.4	52
07/08/2023 11:40	6.5	79	10	8.8	0.0	25.3	54
07/08/2023 11:50	6.9	75	9	9.8	0.0	25.5	54
07/08/2023 12:00	7.0	75	8	10.0	0.0	25.7	54
07/08/2023 12:10	6.7	75	9	9.3	0.0	25.5	55
07/08/2023 12:20	6.3	78	10	9.3	0.0	26.0	55
07/08/2023 12:30	7.0	74	9	10.2	0.0	25.8	56
07/08/2023 12:40	7.0	69	8	9.6	0.0	26.0	55
07/08/2023 12:50	7.7	65	8	10.7	0.0	26.0	52
07/08/2023 13:00	8.7	65	8	11.8	0.0	26.1	50
07/08/2023 13:10	8.5	67	7	10.9	0.0	26.1	51
07/08/2023 13:20	8.4	68	8	10.6	0.0	26.2	51
07/08/2023 13:30	7.9	66	7	10.9	0.0	26.2	52
07/08/2023 13:40	8.0	68	8	10.4	0.0	26.1	52
07/08/2023 13:50	7.1	67	8	9.6	0.0	26.3	53
07/08/2023 14:00	6.7	64	9	9.2	0.0	26.4	53
07/08/2023 14:10	6.6	67	9	10.5	0.0	26.8	51
07/08/2023 14:20	7.0	66	8	10.0	0.0	26.7	50
07/08/2023 14:30	7.7	64	8	11.0	0.0	26.5	52
07/08/2023 14:40	7.7	69	8	10.6	0.0	26.6	51
07/08/2023 14:50	6.9	59	9	9.2	0.0	26.8	50
07/08/2023 15:00	6.6	68	9	8.7	0.0	26.9	51
07/08/2023 15:10	6.9	64	9	9.7	0.0	26.6	53
07/08/2023 15:20	7.0	69	8	9.3	0.0	26.6	53
07/08/2023 15:30	7.1	63	8	9.0	0.0	26.4	54
07/08/2023 15:40	6.5	59	8	9.3	0.0	26.5	54
07/08/2023 15:50	6.7	65	8	9.3	0.0	26.3	54
07/08/2023 16:00	6.6	67	8	9.3	0.0	26.3	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/08/2023 16:10	6.6	63	9	8.7	0.0	26.0	57
07/08/2023 16:20	5.7	62	10	8.1	0.0	26.1	58
07/08/2023 16:30	6.1	70	9	8.7	0.0	26.0	58
07/08/2023 16:40	6.2	61	9	8.9	0.0	25.9	59
07/08/2023 16:50	6.1	61	9	8.6	0.0	25.6	60
07/08/2023 17:00	5.6	61	9	8.0	0.0	25.4	62
07/08/2023 17:10	6.4	56	7	8.5	0.0	25.1	63
07/08/2023 17:20	5.9	52	9	8.4	0.0	25.2	61
07/08/2023 17:30	6.9	49	7	9.6	0.0	25.4	57
07/08/2023 17:40	6.4	53	8	9.5	0.0	25.7	52
07/08/2023 17:50	6.4	49	8	10.2	0.0	25.9	47
07/08/2023 18:00	6.5	50	9	9.7	0.0	26.0	45
07/08/2023 18:10	6.8	50	8	9.7	0.0	25.9	45
07/08/2023 18:20	7.1	44	9	10.9	0.0	25.9	45
07/08/2023 18:30	6.9	44	8	10.5	0.0	25.7	46
07/08/2023 18:40	7.4	42	9	10.8	0.0	25.7	47
07/08/2023 18:50	6.0	38	8	8.8	0.0	25.5	48
07/08/2023 19:00	6.3	36	9	9.9	0.0	25.3	51
07/08/2023 19:10	7.0	35	8	10.4	0.0	25.2	52
07/08/2023 19:20	6.5	38	9	9.7	0.0	25.1	53
07/08/2023 19:30	6.8	36	9	9.7	0.0	25.1	53
07/08/2023 19:40	6.7	40	10	9.6	0.0	25.1	52
07/08/2023 19:50	5.8	40	9	8.7	0.0	25.1	53
07/08/2023 20:00	6.0	40	8	8.5	0.0	25.0	54
07/08/2023 20:10	4.9	40	9	7.5	0.0	24.8	54
07/08/2023 20:20	4.9	43	8	7.7	0.0	24.8	54
07/08/2023 20:30	5.4	41	9	8.3	0.0	24.8	53
07/08/2023 20:40	4.7	38	10	7.0	0.0	24.7	53
07/08/2023 20:50	4.9	35	9	7.2	0.0	24.8	52
07/08/2023 21:00	4.8	32	8	6.9	0.0	24.8	52
07/08/2023 21:10	4.1	28	8	6.3	0.0	24.6	52
07/08/2023 21:20	3.8	33	10	6.2	0.0	24.5	53
07/08/2023 21:30	3.6	30	9	5.1	0.0	24.3	55
07/08/2023 21:40	3.3	34	10	5.1	0.0	24.2	56
07/08/2023 21:50	3.5	32	9	6.3	0.0	24.1	57
07/08/2023 22:00	3.6	29	10	5.9	0.0	24.1	58
07/08/2023 22:10	3.7	30	8	5.8	0.0	24.1	58
07/08/2023 22:20	2.8	36	11	4.7	0.0	24.0	59
07/08/2023 22:30	2.7	56	13	4.1	0.0	23.6	60
07/08/2023 22:40	1.9	68	14	2.8	0.0	23.2	59
07/08/2023 22:50	2.1	61	13	3.9	0.0	23.2	61
07/08/2023 23:00	1.7	79	11	2.6	0.0	22.9	61
07/08/2023 23:10	1.6	100	17	2.6	0.0	22.9	62
07/08/2023 23:20	1.9	98	23	3.2	0.0	23.0	64
07/08/2023 23:30	1.7	49	7	2.2	0.0	22.0	67
07/08/2023 23:40	1.3	113	15	2.0	0.0	22.1	69
07/08/2023 23:50	1.6	69	12	1.9	0.0	22.1	70
08/08/2023 00:00	1.4	81	18	1.9	0.0	21.4	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/08/2023 00:10	0.9	88	17	1.4	0.0	21.7	70
08/08/2023 00:20	1.4	30	10	1.7	0.0	21.8	70
08/08/2023 00:30	1.4	53	7	1.9	0.0	21.8	68
08/08/2023 00:40	1.4	60	16	2.2	0.0	21.2	64
08/08/2023 00:50	1.9	76	15	2.7	0.0	21.0	56
08/08/2023 01:00	1.8	70	13	2.5	0.0	20.9	50
08/08/2023 01:10	2.0	83	10	2.8	0.0	20.9	48
08/08/2023 01:20	1.6	73	21	2.8	0.0	21.0	49
08/08/2023 01:30	1.7	68	15	2.4	0.0	20.9	49
08/08/2023 01:40	1.6	61	7	2.3	0.0	20.9	48
08/08/2023 01:50	1.5	61	9	1.9	0.0	20.8	48
08/08/2023 02:00	1.5	62	10	2.3	0.0	20.7	49
08/08/2023 02:10	1.4	65	12	1.9	0.0	20.7	49
08/08/2023 02:20	1.6	63	10	2.3	0.0	20.6	50
08/08/2023 02:30	1.5	60	8	2.0	0.0	20.7	51
08/08/2023 02:40	1.4	66	11	2.1	0.0	20.5	52
08/08/2023 02:50	1.8	64	11	2.8	0.0	20.7	54
08/08/2023 03:00	1.7	61	10	2.3	0.0	20.8	57
08/08/2023 03:10	1.5	64	8	2.2	0.0	20.6	59
08/08/2023 03:20	1.8	76	10	2.4	0.0	20.4	58
08/08/2023 03:30	1.9	77	9	2.6	0.0	20.2	60
08/08/2023 03:40	1.9	77	9	2.9	0.0	20.0	60
08/08/2023 03:50	2.0	80	8	2.5	0.0	19.7	60
08/08/2023 04:00	1.9	81	6	2.3	0.0	19.7	59
08/08/2023 04:10	1.8	72	6	2.5	0.0	19.7	58
08/08/2023 04:20	1.5	64	5	2.1	0.0	19.8	57
08/08/2023 04:30	1.3	80	8	1.8	0.0	19.7	57
08/08/2023 04:40	1.7	79	4	2.2	0.0	19.6	56
08/08/2023 04:50	1.7	85	7	2.2	0.0	19.4	56
08/08/2023 05:00	1.9	103	10	3.0	0.0	19.8	56
08/08/2023 05:10	1.7	102	14	2.4	0.0	20.3	62
08/08/2023 05:20	1.6	63	14	2.4	0.0	20.4	64
08/08/2023 05:30	1.6	43	24	2.7	0.0	20.3	65
08/08/2023 05:40	1.6	38	32	2.9	0.0	20.4	66
08/08/2023 05:50	1.8	39	18	3.1	0.0	20.3	66
08/08/2023 06:00	1.6	40	24	2.6	0.0	20.3	67
08/08/2023 06:10	1.7	45	19	3.0	0.0	20.2	67
08/08/2023 06:20	2.4	37	11	3.6	0.0	20.1	67
08/08/2023 06:30	2.2	42	10	3.2	0.0	19.9	67
08/08/2023 06:40	2.6	43	10	3.6	0.0	19.7	67
08/08/2023 06:50	1.8	57	21	2.9	0.0	19.6	67
08/08/2023 07:00	2.0	83	16	3.6	0.0	19.5	67
08/08/2023 07:10	2.5	94	12	4.0	0.0	20.2	68
08/08/2023 07:20	3.0	101	11	4.1	0.0	20.9	67
08/08/2023 07:30	3.4	102	9	5.2	0.0	21.4	67
08/08/2023 07:40	3.1	101	10	4.3	0.0	21.7	66
08/08/2023 07:50	3.3	99	9	4.9	0.0	22.1	64
08/08/2023 08:00	3.1	100	12	4.4	0.0	22.3	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/08/2023 08:10	2.6	104	12	3.9	0.0	22.6	63
08/08/2023 08:20	3.1	95	9	4.5	0.0	22.5	62
08/08/2023 08:30	2.7	108	13	4.5	0.0	22.7	61
08/08/2023 08:40	3.3	106	11	4.8	0.0	22.9	63
08/08/2023 08:50	3.4	96	9	4.9	0.0	23.1	60
08/08/2023 09:00	3.2	105	12	4.7	0.0	23.3	57
08/08/2023 09:10	3.3	98	8	4.4	0.0	23.8	55
08/08/2023 09:20	3.1	107	11	4.3	0.0	23.9	54
08/08/2023 09:30	2.9	110	12	4.8	0.0	24.2	53
08/08/2023 09:40	3.0	105	12	3.9	0.0	24.5	52
08/08/2023 09:50	2.9	102	13	4.4	0.0	24.9	50
08/08/2023 10:00	3.0	111	13	4.1	0.0	25.2	48
08/08/2023 10:10	2.9	111	14	4.0	0.0	25.6	47
08/08/2023 10:20	3.1	110	13	4.4	0.0	25.7	46
08/08/2023 10:30	2.8	108	15	4.6	0.0	26.3	44
08/08/2023 10:40	2.9	111	14	4.2	0.0	26.7	43
08/08/2023 10:50	2.9	110	14	4.4	0.0	26.9	42
08/08/2023 11:00	3.4	92	11	5.0	0.0	27.5	39
08/08/2023 11:10	3.8	97	11	5.2	0.0	27.8	37
08/08/2023 11:20	4.7	94	10	6.2	0.0	28.3	35
08/08/2023 11:30	4.8	88	11	7.2	0.0	28.7	32
08/08/2023 11:40	5.3	79	10	7.6	0.0	28.7	32
08/08/2023 11:50	5.4	84	11	7.5	0.0	29.0	32
08/08/2023 12:00	5.4	79	12	7.8	0.0	28.8	33
08/08/2023 12:10	5.6	79	10	7.6	0.0	28.9	32
08/08/2023 12:20	5.3	84	11	7.2	0.0	29.1	33
08/08/2023 12:30	5.8	86	8	8.3	0.0	29.0	34
08/08/2023 12:40	6.2	75	8	8.2	0.0	28.3	35
08/08/2023 12:50	6.6	76	8	8.9	0.0	28.4	33
08/08/2023 13:00	7.0	76	8	9.2	0.0	28.4	32
08/08/2023 13:10	7.6	78	8	10.0	0.0	28.3	31
08/08/2023 13:20	7.4	79	8	10.3	0.0	28.4	31
08/08/2023 13:30	7.1	81	9	10.2	0.0	28.5	31
08/08/2023 13:40	5.9	77	10	8.7	0.0	29.0	31
08/08/2023 13:50	6.3	69	10	8.9	0.0	28.9	31
08/08/2023 14:00	7.0	66	9	9.4	0.0	28.5	30
08/08/2023 14:10	7.5	63	8	9.6	0.0	28.3	30
08/08/2023 14:20	7.3	64	7	9.4	0.0	28.0	33
08/08/2023 14:30	6.4	61	8	8.5	0.0	27.9	37
08/08/2023 14:40	6.2	60	10	8.8	0.0	27.4	40
08/08/2023 14:50	6.2	66	8	8.4	0.0	27.5	39
08/08/2023 15:00	6.3	65	9	8.4	0.0	27.5	39
08/08/2023 15:10	6.1	64	7	8.2	0.0	27.3	41
08/08/2023 15:20	6.0	54	8	7.5	0.0	27.2	43
08/08/2023 15:30	6.0	56	7	7.3	0.0	27.0	45
08/08/2023 15:40	5.8	61	8	7.4	0.0	26.8	46
08/08/2023 15:50	5.3	61	9	7.4	0.0	27.2	43
08/08/2023 16:00	5.8	61	6	7.5	0.0	27.2	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/08/2023 16:10	5.4	63	8	6.9	0.0	27.3	38
08/08/2023 16:20	4.9	67	7	6.3	0.0	27.7	35
08/08/2023 16:30	4.9	65	8	6.3	0.0	27.5	38
08/08/2023 16:40	3.9	61	9	5.3	0.0	27.8	41
08/08/2023 16:50	3.8	62	9	5.5	0.0	27.8	40
08/08/2023 17:00	3.1	66	11	4.2	0.0	27.8	42
08/08/2023 17:10	3.4	40	14	5.0	0.0	28.3	35
08/08/2023 17:20	3.5	23	9	4.7	0.0	28.3	31
08/08/2023 17:30	2.6	45	11	3.9	0.0	28.3	30
08/08/2023 17:40	3.1	59	9	4.0	0.0	27.7	34
08/08/2023 17:50	3.8	57	7	4.8	0.0	25.7	49
08/08/2023 18:00	3.9	54	6	5.5	0.0	24.5	58
08/08/2023 18:10	3.5	58	6	4.6	0.0	24.0	61
08/08/2023 18:20	2.9	55	4	3.6	0.0	23.6	64
08/08/2023 18:30	3.0	56	3	4.0	0.0	23.2	66
08/08/2023 18:40	2.8	57	4	3.4	0.0	23.1	66
08/08/2023 18:50	2.9	55	3	3.4	0.0	23.2	62
08/08/2023 19:00	3.0	54	3	3.5	0.0	23.0	65
08/08/2023 19:10	2.8	57	3	3.2	0.0	22.9	65
08/08/2023 19:20	2.4	57	4	2.9	0.0	23.0	63
08/08/2023 19:30	2.1	60	3	2.4	0.0	23.0	60
08/08/2023 19:40	2.2	60	2	2.6	0.0	23.5	51
08/08/2023 19:50	1.6	71	6	2.0	0.0	23.7	50
08/08/2023 20:00	1.6	64	7	1.8	0.0	23.6	47
08/08/2023 20:10	1.4	69	15	1.8	0.0	22.8	49
08/08/2023 20:20	1.3	56	12	1.6	0.0	22.7	45
08/08/2023 20:30	1.5	50	13	2.2	0.0	22.9	41
08/08/2023 20:40	1.6	60	8	2.0	0.0	22.9	42
08/08/2023 20:50	1.5	59	7	1.8	0.0	22.8	41
08/08/2023 21:00	1.5	52	12	2.1	0.0	22.4	43
08/08/2023 21:10	1.4	55	9	1.8	0.0	22.3	42
08/08/2023 21:20	0.9	214	64	1.5	0.0	22.3	43
08/08/2023 21:30	1.3	251	11	1.9	0.0	22.2	45
08/08/2023 21:40	1.2	252	15	1.8	0.0	22.1	46
08/08/2023 21:50	0.7	30	50	1.6	0.0	22.6	45
08/08/2023 22:00	0.9	153	18	1.4	0.0	21.3	49
08/08/2023 22:10	0.8	254	34	1.5	0.0	21.4	53
08/08/2023 22:20	1.0	334	16	2.3	0.0	22.3	53
08/08/2023 22:30	0.7	315	14	1.4	0.0	22.4	53
08/08/2023 22:40	1.4	282	9	1.7	0.0	22.3	53
08/08/2023 22:50	0.7	240	24	1.3	0.0	21.3	58
08/08/2023 23:00	0.6	328	35	1.3	0.0	20.6	61
08/08/2023 23:10	0.6	189	39	1.0	0.0	20.5	59
08/08/2023 23:20	0.6	70	42	1.3	0.0	20.1	60
08/08/2023 23:30	1.0	8	20	1.5	0.0	20.7	60
08/08/2023 23:40	0.6	122	36	0.9	0.0	20.5	61
08/08/2023 23:50	0.4	303	37	0.9	0.0	19.5	65
09/08/2023 00:00	0.6	45	5	0.6	0.0	19.8	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/08/2023 00:10	0.6	62	7	0.9	0.0	20.4	65
09/08/2023 00:20	1.1	55	5	1.4	0.0	19.7	67
09/08/2023 00:30	1.2	37	8	1.8	0.0	20.6	69
09/08/2023 00:40	1.3	51	9	1.5	0.0	20.7	69
09/08/2023 00:50	0.4	136	50	0.9	0.0	19.8	69
09/08/2023 01:00	0.9	184	21	1.1	0.0	20.1	68
09/08/2023 01:10	1.2	111	26	1.9	0.0	20.2	68
09/08/2023 01:20	1.7	252	23	2.4	0.0	18.6	69
09/08/2023 01:30	2.2	261	14	3.2	0.0	19.1	69
09/08/2023 01:40	1.3	254	14	2.0	0.0	19.9	69
09/08/2023 01:50	1.1	224	24	2.0	0.0	20.1	68
09/08/2023 02:00	0.7	242	50	1.3	0.0	20.3	67
09/08/2023 02:10	0.4	304	42	0.9	0.0	20.1	68
09/08/2023 02:20	0.9	236	32	1.7	0.0	19.9	68
09/08/2023 02:30	1.1	247	40	1.6	0.0	20.3	66
09/08/2023 02:40	0.7	241	55	1.4	0.0	20.2	65
09/08/2023 02:50	0.7	284	41	1.4	0.0	20.5	62
09/08/2023 03:00	0.8	270	22	1.5	0.0	20.8	59
09/08/2023 03:10	0.6	299	41	1.0	0.0	20.3	60
09/08/2023 03:20	0.5	169	60	1.0	0.0	20.4	58
09/08/2023 03:30	0.6	302	64	1.2	0.0	20.5	56
09/08/2023 03:40	0.9	143	30	1.4	0.0	21.1	52
09/08/2023 03:50	1.0	137	34	1.7	0.0	21.0	53
09/08/2023 04:00	0.6	74	53	1.1	0.0	19.7	56
09/08/2023 04:10	0.4	199	61	0.7	0.0	20.5	52
09/08/2023 04:20	0.6	63	28	0.9	0.0	20.2	52
09/08/2023 04:30	0.5	225	35	0.8	0.0	21.2	48
09/08/2023 04:40	1.1	15	18	1.5	0.0	20.0	52
09/08/2023 04:50	1.6	51	8	2.4	0.0	19.2	55
09/08/2023 05:00	2.2	66	6	2.7	0.0	19.4	55
09/08/2023 05:10	2.4	62	7	2.9	0.0	20.2	52
09/08/2023 05:20	2.3	70	8	2.9	0.0	19.4	54
09/08/2023 05:30	2.1	67	9	2.5	0.0	19.0	57
09/08/2023 05:40	2.0	55	4	2.3	0.0	19.3	56
09/08/2023 05:50	1.4	52	11	1.7	0.0	19.5	57
09/08/2023 06:00	1.1	51	10	1.5	0.0	19.7	58
09/08/2023 06:10	1.3	59	10	1.9	0.0	20.1	57
09/08/2023 06:20	2.1	63	11	2.9	0.0	18.9	60
09/08/2023 06:30	1.9	56	8	2.7	0.0	18.8	64
09/08/2023 06:40	1.8	74	7	2.2	0.0	18.9	66
09/08/2023 06:50	1.3	61	10	1.7	0.0	19.2	67
09/08/2023 07:00	1.8	83	14	2.4	0.0	19.0	67
09/08/2023 07:10	1.7	79	16	2.6	0.0	19.8	65
09/08/2023 07:20	1.9	69	8	2.4	0.0	20.0	64
09/08/2023 07:30	1.7	28	30	2.5	0.0	20.2	64
09/08/2023 07:40	1.5	284	13	2.9	0.0	20.1	57
09/08/2023 07:50	0.4	166	54	1.1	0.0	21.2	50
09/08/2023 08:00	1.7	193	20	2.8	0.0	21.6	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/08/2023 08:10	1.6	177	25	3.4	0.0	22.1	40
09/08/2023 08:20	2.8	177	18	4.2	0.0	22.3	38
09/08/2023 08:30	1.4	160	31	2.5	0.0	22.8	36
09/08/2023 08:40	2.3	110	13	3.2	0.0	23.8	34
09/08/2023 08:50	2.6	94	10	3.7	0.0	23.7	36
09/08/2023 09:00	2.5	96	13	3.5	0.0	23.0	39
09/08/2023 09:10	2.8	92	10	3.8	0.0	22.8	43
09/08/2023 09:20	2.5	104	14	3.5	0.0	23.7	40
09/08/2023 09:30	2.0	117	14	3.0	0.0	24.2	43
09/08/2023 09:40	2.3	102	15	3.5	0.0	24.8	37
09/08/2023 09:50	2.8	99	12	4.2	0.0	24.9	35
09/08/2023 10:00	3.3	96	11	4.5	0.0	25.0	34
09/08/2023 10:10	2.8	101	14	4.0	0.0	25.2	34
09/08/2023 10:20	2.8	98	12	4.0	0.0	25.8	34
09/08/2023 10:30	3.0	78	12	4.4	0.0	25.9	34
09/08/2023 10:40	3.1	89	10	4.2	0.0	26.4	32
09/08/2023 10:50	2.8	94	13	4.2	0.0	26.9	31
09/08/2023 11:00	3.0	80	15	4.5	0.0	27.0	30
09/08/2023 11:10	3.4	72	11	4.6	0.0	27.0	30
09/08/2023 11:20	3.9	82	9	5.2	0.0	26.9	30
09/08/2023 11:30	3.4	83	14	4.6	0.0	27.3	31
09/08/2023 11:40	3.7	71	12	5.5	0.0	27.2	32
09/08/2023 11:50	3.0	89	13	4.3	0.0	27.7	31
09/08/2023 12:00	3.6	87	10	5.5	0.0	28.1	28
09/08/2023 12:10	3.6	85	13	4.8	0.0	28.1	29
09/08/2023 12:20	3.8	64	11	5.5	0.0	28.2	30
09/08/2023 12:30	4.2	68	11	5.6	0.0	28.3	28
09/08/2023 12:40	4.2	58	13	5.8	0.0	28.1	28
09/08/2023 12:50	4.3	59	10	5.8	0.0	28.4	28
09/08/2023 13:00	4.3	62	15	5.7	0.0	28.6	28
09/08/2023 13:10	4.6	61	11	5.8	0.0	28.3	28
09/08/2023 13:20	4.5	58	9	5.6	0.0	28.4	28
09/08/2023 13:30	4.2	52	10	5.6	0.0	28.5	29
09/08/2023 13:40	3.8	57	11	5.5	0.0	28.8	27
09/08/2023 13:50	3.8	68	12	6.0	0.0	29.3	25
09/08/2023 14:00	4.5	83	11	6.7	0.0	29.8	23
09/08/2023 14:10	4.3	79	8	6.3	0.0	29.5	23
09/08/2023 14:20	4.5	90	10	6.3	0.0	29.9	23
09/08/2023 14:30	5.1	99	8	6.7	0.0	29.7	23
09/08/2023 14:40	5.1	90	7	6.9	0.0	29.6	23
09/08/2023 14:50	5.0	91	9	6.5	0.0	30.0	23
09/08/2023 15:00	5.0	92	9	6.7	0.0	29.7	24
09/08/2023 15:10	4.8	90	8	6.5	0.0	29.8	25
09/08/2023 15:20	5.1	76	9	6.9	0.0	29.5	26
09/08/2023 15:30	4.8	75	8	6.4	0.0	29.2	26
09/08/2023 15:40	5.0	75	8	6.8	0.0	29.4	26
09/08/2023 15:50	4.9	82	7	6.5	0.0	29.4	26
09/08/2023 16:00	5.4	81	8	6.9	0.0	29.3	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/08/2023 16:10	5.0	79	9	6.9	0.0	29.4	25
09/08/2023 16:20	5.7	81	7	7.6	0.0	29.3	23
09/08/2023 16:30	5.5	77	7	7.4	0.0	29.2	23
09/08/2023 16:40	5.0	76	8	6.9	0.0	29.3	23
09/08/2023 16:50	4.9	78	8	7.7	0.0	29.3	24
09/08/2023 17:00	5.2	76	7	7.0	0.0	29.2	24
09/08/2023 17:10	4.2	67	8	5.7	0.0	28.8	27
09/08/2023 17:20	4.0	55	7	5.4	0.0	28.2	32
09/08/2023 17:30	3.4	55	6	4.5	0.0	27.8	33
09/08/2023 17:40	3.0	56	6	3.7	0.0	27.4	34
09/08/2023 17:50	2.9	53	5	3.7	0.0	26.5	35
09/08/2023 18:00	3.1	45	5	3.7	0.0	26.0	35
09/08/2023 18:10	3.0	45	4	3.9	0.0	25.6	35
09/08/2023 18:20	2.9	36	4	3.5	0.0	25.5	35
09/08/2023 18:30	2.1	46	6	2.7	0.0	25.9	29
09/08/2023 18:40	2.0	70	5	2.5	0.0	25.8	30
09/08/2023 18:50	2.2	58	5	2.4	0.0	25.6	31
09/08/2023 19:00	1.9	59	4	2.2	0.0	25.4	29
09/08/2023 19:10	1.9	62	7	2.3	0.0	25.6	28
09/08/2023 19:20	2.3	43	10	3.5	0.0	25.7	28
09/08/2023 19:30	2.4	59	9	3.5	0.0	25.5	28
09/08/2023 19:40	2.2	68	5	2.7	0.0	25.3	29
09/08/2023 19:50	2.2	52	5	3.0	0.0	25.0	29
09/08/2023 20:00	2.1	66	10	3.0	0.0	24.8	29
09/08/2023 20:10	2.4	68	6	3.0	0.0	24.9	30
09/08/2023 20:20	2.3	62	8	3.4	0.0	24.6	30
09/08/2023 20:30	2.3	72	6	2.9	0.0	24.4	31
09/08/2023 20:40	2.1	69	7	2.8	0.0	24.6	31
09/08/2023 20:50	2.1	58	7	2.6	0.0	24.5	31
09/08/2023 21:00	1.9	47	9	2.9	0.0	24.4	32
09/08/2023 21:10	1.9	65	12	3.2	0.0	24.4	32
09/08/2023 21:20	1.8	78	6	2.4	0.0	24.2	33
09/08/2023 21:30	1.5	73	4	1.8	0.0	23.8	34
09/08/2023 21:40	1.8	81	7	2.5	0.0	23.5	35
09/08/2023 21:50	1.5	63	7	1.9	0.0	24.1	33
09/08/2023 22:00	1.2	67	5	1.5	0.0	23.7	34
09/08/2023 22:10	1.7	61	5	2.0	0.0	23.7	35
09/08/2023 22:20	2.1	51	4	2.5	0.0	24.0	33
09/08/2023 22:30	1.7	54	3	2.1	0.0	23.7	33
09/08/2023 22:40	2.0	51	6	2.8	0.0	24.3	33
09/08/2023 22:50	1.8	67	8	2.5	0.0	23.6	34
09/08/2023 23:00	2.5	38	5	3.5	0.0	24.3	35
09/08/2023 23:10	3.6	39	5	4.5	0.0	24.4	36
09/08/2023 23:20	2.8	55	10	3.5	0.0	23.9	38
09/08/2023 23:30	1.1	69	15	1.6	0.0	22.4	43
09/08/2023 23:40	0.8	21	41	1.4	0.0	22.6	42
09/08/2023 23:50	0.9	97	21	1.6	0.0	21.9	47
10/08/2023 00:00	0.9	194	23	1.6	0.0	22.0	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/08/2023 00:10	0.5	107	11	1.0	0.0	21.6	51
10/08/2023 00:20	0.8	72	14	1.2	0.0	21.5	55
10/08/2023 00:30	1.3	89	9	1.7	0.0	21.0	55
10/08/2023 00:40	0.8	91	47	1.3	0.0	19.8	60
10/08/2023 00:50	1.0	32	18	1.5	0.0	21.0	64
10/08/2023 01:00	0.8	65	15	1.3	0.0	21.3	66
10/08/2023 01:10	0.6	18	20	1.0	0.0	21.9	69
10/08/2023 01:20	0.3	108	53	0.6	0.0	21.4	69
10/08/2023 01:30	0.8	29	20	1.2	0.0	21.1	69
10/08/2023 01:40	0.8	44	22	1.1	0.0	21.2	68
10/08/2023 01:50	0.6	206	30	1.0	0.0	20.7	67
10/08/2023 02:00	1.1	207	19	1.4	0.0	21.1	67
10/08/2023 02:10	0.8	309	54	1.2	0.0	20.7	67
10/08/2023 02:20	0.7	116	47	1.2	0.0	20.4	67
10/08/2023 02:30	0.7	340	18	1.1	0.0	20.4	66
10/08/2023 02:40	0.9	166	12	1.2	0.0	20.7	66
10/08/2023 02:50	0.9	42	16	1.3	0.0	20.3	66
10/08/2023 03:00	0.8	171	22	1.5	0.0	19.4	66
10/08/2023 03:10	0.3	150	64	0.6	0.0	19.3	64
10/08/2023 03:20	0.4	129	50	0.8	0.0	19.1	63
10/08/2023 03:30	0.6	23	25	0.9	0.0	19.6	62
10/08/2023 03:40	0.4	94	62	1.3	0.0	19.1	65
10/08/2023 03:50	0.6	252	19	1.1	0.0	18.7	65
10/08/2023 04:00	0.5	318	49	0.8	0.0	18.7	63
10/08/2023 04:10	0.3	318	20	0.5	0.0	19.1	63
10/08/2023 04:20	0.7	38	13	0.9	0.0	19.5	65
10/08/2023 04:30	0.8	104	34	1.3	0.0	18.8	65
10/08/2023 04:40	0.9	52	19	1.7	0.0	19.1	64
10/08/2023 04:50	0.9	84	19	1.7	0.0	19.0	68
10/08/2023 05:00	0.7	340	25	1.1	0.0	18.9	67
10/08/2023 05:10	0.7	197	17	1.1	0.0	19.7	65
10/08/2023 05:20	1.1	25	11	1.4	0.0	19.6	66
10/08/2023 05:30	1.8	56	5	2.0	0.0	18.9	64
10/08/2023 05:40	1.2	46	4	1.5	0.0	18.8	64
10/08/2023 05:50	0.9	178	18	1.3	0.0	19.9	61
10/08/2023 06:00	0.5	128	33	0.9	0.0	19.8	61
10/08/2023 06:10	0.6	174	56	1.0	0.0	18.8	66
10/08/2023 06:20	1.1	23	19	1.5	0.0	18.4	67
10/08/2023 06:30	1.4	45	15	1.9	0.0	18.9	65
10/08/2023 06:40	1.4	57	12	1.9	0.0	18.3	66
10/08/2023 06:50	0.7	194	21	1.0	0.0	18.9	65
10/08/2023 07:00	1.0	39	12	1.3	0.0	19.9	61
10/08/2023 07:10	1.3	26	8	1.7	0.0	19.8	62
10/08/2023 07:20	2.4	50	7	3.0	0.0	20.4	60
10/08/2023 07:30	2.6	70	7	3.4	0.0	20.7	59
10/08/2023 07:40	1.9	74	7	2.4	0.0	21.2	57
10/08/2023 07:50	1.8	61	9	2.6	0.0	21.6	56
10/08/2023 08:00	2.1	68	8	2.8	0.0	22.0	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/08/2023 08:10	2.1	83	8	2.9	0.0	22.4	53
10/08/2023 08:20	2.3	83	9	3.2	0.0	22.5	52
10/08/2023 08:30	2.3	95	11	3.2	0.0	22.7	51
10/08/2023 08:40	2.6	94	9	3.5	0.0	23.1	50
10/08/2023 08:50	2.4	93	11	3.0	0.0	23.1	50
10/08/2023 09:00	2.4	92	13	3.6	0.0	23.6	47
10/08/2023 09:10	2.9	95	10	4.1	0.0	24.0	45
10/08/2023 09:20	2.7	98	10	3.8	0.0	24.3	43
10/08/2023 09:30	2.8	100	10	3.9	0.0	24.4	45
10/08/2023 09:40	2.5	92	11	3.4	0.0	24.7	45
10/08/2023 09:50	3.3	88	6	4.3	0.0	24.8	46
10/08/2023 10:00	2.7	94	10	3.9	0.0	25.0	47
10/08/2023 10:10	2.9	103	11	4.0	0.0	25.7	47
10/08/2023 10:20	3.2	103	11	4.7	0.0	25.9	47
10/08/2023 10:30	2.9	96	13	4.3	0.0	26.4	48
10/08/2023 10:40	2.6	101	14	4.1	0.0	26.6	46
10/08/2023 10:50	2.8	100	12	4.6	0.0	26.9	45
10/08/2023 11:00	2.8	77	15	4.0	0.0	27.2	44
10/08/2023 11:10	2.6	89	22	3.7	0.0	27.1	45
10/08/2023 11:20	3.6	81	12	4.9	0.0	27.5	42
10/08/2023 11:30	3.4	80	13	5.2	0.0	27.2	41
10/08/2023 11:40	2.9	104	12	4.5	0.0	27.6	38
10/08/2023 11:50	3.1	99	14	5.4	0.0	28.2	35
10/08/2023 12:00	2.9	97	14	4.5	0.0	28.4	32
10/08/2023 12:10	2.7	85	21	4.2	0.0	28.9	29
10/08/2023 12:20	3.2	80	12	4.6	0.0	28.7	28
10/08/2023 12:30	3.2	87	13	4.3	0.0	29.0	28
10/08/2023 12:40	3.3	68	12	4.7	0.0	29.3	30
10/08/2023 12:50	3.5	51	13	4.8	0.0	29.1	32
10/08/2023 13:00	3.8	54	14	5.0	0.0	29.1	31
10/08/2023 13:10	4.1	55	10	5.2	0.0	28.8	31
10/08/2023 13:20	4.3	56	9	5.8	0.0	28.8	30
10/08/2023 13:30	4.5	47	10	5.9	0.0	28.8	31
10/08/2023 13:40	4.4	52	8	5.7	0.0	28.5	30
10/08/2023 13:50	5.1	55	8	6.6	0.0	28.3	31
10/08/2023 14:00	4.9	58	9	6.2	0.0	28.2	30
10/08/2023 14:10	5.0	56	8	6.1	0.0	28.4	30
10/08/2023 14:20	5.0	56	9	6.5	0.0	28.4	35
10/08/2023 14:30	5.0	58	7	6.5	0.0	28.1	32
10/08/2023 14:40	4.9	56	9	6.5	0.0	28.5	31
10/08/2023 14:50	5.0	65	7	6.1	0.0	28.5	31
10/08/2023 15:00	4.9	64	9	6.6	0.0	28.5	29
10/08/2023 15:10	4.6	63	9	6.4	0.0	28.6	30
10/08/2023 15:20	4.2	56	10	5.7	0.0	28.8	29
10/08/2023 15:30	4.7	60	8	6.0	0.0	28.4	28
10/08/2023 15:40	4.5	57	6	5.8	0.0	28.1	28
10/08/2023 15:50	3.7	56	7	4.5	0.0	28.4	28
10/08/2023 16:00	3.5	50	7	4.5	0.0	28.6	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/08/2023 16:10	2.5	52	11	3.4	0.0	28.8	27
10/08/2023 16:20	2.0	38	13	3.1	0.0	29.2	26
10/08/2023 16:30	1.2	30	19	2.0	0.0	29.4	25
10/08/2023 16:40	1.2	55	31	2.1	0.0	30.1	25
10/08/2023 16:50	1.8	133	19	2.8	0.0	30.2	23
10/08/2023 17:00	1.7	116	17	2.7	0.0	29.7	24
10/08/2023 17:10	1.5	44	15	2.4	0.0	29.2	26
10/08/2023 17:20	1.4	26	9	1.9	0.0	28.6	27
10/08/2023 17:30	1.3	140	47	2.2	0.0	28.4	31
10/08/2023 17:40	1.3	215	17	1.9	0.0	27.4	38
10/08/2023 17:50	1.8	304	17	2.8	0.0	26.5	43
10/08/2023 18:00	2.3	323	9	2.9	0.0	26.1	46
10/08/2023 18:10	2.4	339	6	2.9	0.0	25.6	47
10/08/2023 18:20	2.0	335	7	2.8	0.0	25.5	48
10/08/2023 18:30	2.5	331	6	3.5	0.0	25.2	54
10/08/2023 18:40	2.8	335	7	3.7	0.0	24.9	56
10/08/2023 18:50	2.6	330	7	3.5	0.0	24.8	55
10/08/2023 19:00	2.9	333	7	3.8	0.0	24.7	52
10/08/2023 19:10	2.8	326	6	3.7	0.0	24.6	55
10/08/2023 19:20	1.5	299	15	2.3	0.0	24.3	57
10/08/2023 19:30	1.3	281	35	2.7	0.0	24.1	58
10/08/2023 19:40	1.5	240	16	1.8	0.0	24.0	59
10/08/2023 19:50	1.6	255	13	2.2	0.0	23.7	61
10/08/2023 20:00	2.4	290	5	2.8	0.0	23.6	65
10/08/2023 20:10	2.0	291	11	2.9	0.0	23.6	63
10/08/2023 20:20	1.3	280	13	1.7	0.0	23.4	63
10/08/2023 20:30	2.0	270	8	2.9	0.0	23.1	68
10/08/2023 20:40	1.9	291	23	2.7	0.0	23.0	68
10/08/2023 20:50	2.5	264	11	3.6	0.0	23.0	68
10/08/2023 21:00	2.2	276	6	2.7	0.0	22.7	68
10/08/2023 21:10	2.3	257	11	2.9	0.0	22.6	68
10/08/2023 21:20	2.0	278	10	2.4	0.0	22.4	68
10/08/2023 21:30	2.1	262	9	2.7	0.0	22.2	68
10/08/2023 21:40	2.7	260	7	3.4	0.0	22.5	69
10/08/2023 21:50	3.1	266	5	3.6	0.0	22.3	68
10/08/2023 22:00	2.9	266	7	3.6	0.0	22.3	67
10/08/2023 22:10	3.2	267	9	4.2	0.0	22.3	65
10/08/2023 22:20	3.9	267	3	4.4	0.0	22.4	65
10/08/2023 22:30	3.5	262	3	4.0	0.0	22.2	66
10/08/2023 22:40	3.0	263	5	3.7	0.0	22.0	66
10/08/2023 22:50	3.2	270	5	4.2	0.0	22.1	63
10/08/2023 23:00	3.1	268	5	4.0	0.0	21.9	61
10/08/2023 23:10	4.0	265	3	4.4	0.0	21.9	61
10/08/2023 23:20	2.9	263	7	3.9	0.0	21.9	62
10/08/2023 23:30	3.7	271	4	4.3	0.0	21.7	62
10/08/2023 23:40	3.6	271	6	4.6	0.0	21.9	65
10/08/2023 23:50	2.8	279	7	3.7	0.0	21.8	66
11/08/2023 00:00	2.5	268	10	3.1	0.0	21.7	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/08/2023 00:10	1.4	284	8	2.1	0.0	21.6	64
11/08/2023 00:20	0.7	271	24	1.3	0.0	21.6	64
11/08/2023 00:30	1.6	262	18	2.3	0.0	21.8	63
11/08/2023 00:40	1.7	262	14	2.2	0.0	21.7	62
11/08/2023 00:50	2.2	272	9	2.6	0.0	21.7	63
11/08/2023 01:00	1.8	270	7	2.3	0.0	21.6	64
11/08/2023 01:10	2.3	273	5	2.9	0.0	21.5	65
11/08/2023 01:20	2.4	264	6	3.0	0.0	21.5	66
11/08/2023 01:30	2.7	264	7	3.4	0.0	21.4	66
11/08/2023 01:40	2.4	264	12	3.3	0.0	21.3	66
11/08/2023 01:50	2.5	273	9	3.4	0.0	21.2	66
11/08/2023 02:00	2.6	258	16	3.8	0.0	21.3	67
11/08/2023 02:10	2.6	262	5	3.3	0.0	21.0	67
11/08/2023 02:20	2.6	275	6	3.4	0.0	20.9	67
11/08/2023 02:30	3.1	275	7	3.7	0.0	21.1	68
11/08/2023 02:40	2.4	263	10	3.3	0.0	21.0	68
11/08/2023 02:50	1.8	282	16	3.0	0.0	20.9	68
11/08/2023 03:00	2.5	271	9	3.2	0.0	21.4	68
11/08/2023 03:10	2.5	261	6	3.2	0.0	21.1	68
11/08/2023 03:20	1.7	277	20	2.7	0.0	21.1	69
11/08/2023 03:30	1.9	281	11	2.8	0.0	21.6	66
11/08/2023 03:40	1.2	262	27	2.1	0.0	21.9	64
11/08/2023 03:50	1.8	279	8	2.7	0.0	21.7	65
11/08/2023 04:00	1.5	284	12	2.7	0.0	21.6	65
11/08/2023 04:10	2.0	282	7	3.0	0.0	21.8	63
11/08/2023 04:20	1.6	289	8	2.2	0.0	22.0	62
11/08/2023 04:30	1.8	283	8	2.4	0.0	22.0	61
11/08/2023 04:40	1.8	275	5	2.5	0.0	21.8	63
11/08/2023 04:50	1.3	271	8	1.8	0.0	21.8	64
11/08/2023 05:00	1.4	265	13	2.1	0.0	21.6	66
11/08/2023 05:10	1.7	287	6	2.1	0.0	21.5	68
11/08/2023 05:20	1.0	270	8	1.4	0.0	21.5	69
11/08/2023 05:30	1.0	268	7	1.4	0.0	21.2	69
11/08/2023 05:40	1.2	266	9	1.6	0.0	21.1	69
11/08/2023 05:50	0.7	256	18	1.1	0.0	21.0	68
11/08/2023 06:00	0.7	163	44	1.1	0.0	21.3	67
11/08/2023 06:10	0.6	38	16	0.8	0.0	21.0	68
11/08/2023 06:20	0.7	35	32	1.1	0.0	20.8	69
11/08/2023 06:30	1.5	55	7	1.9	0.0	20.9	69
11/08/2023 06:40	1.2	69	10	1.7	0.0	21.0	69
11/08/2023 06:50	1.3	43	20	2.0	0.0	20.9	69
11/08/2023 07:00	0.9	62	31	1.9	0.0	20.9	69
11/08/2023 07:10	1.2	55	14	1.7	0.0	20.9	68
11/08/2023 07:20	1.0	29	30	1.6	0.0	21.0	67
11/08/2023 07:30	0.8	47	15	1.3	0.0	21.3	66
11/08/2023 07:40	1.0	164	47	1.7	0.0	21.4	66
11/08/2023 07:50	0.7	27	27	1.0	0.0	21.6	65
11/08/2023 08:00	0.4	28	36	0.8	0.0	22.0	63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/08/2023 08:10	0.6	52	11	1.0	0.0	22.2	61
11/08/2023 08:20	0.7	51	16	1.2	0.0	22.4	58
11/08/2023 08:30	0.8	129	30	1.4	0.0	22.9	54
11/08/2023 08:40	1.1	158	33	1.8	0.0	23.2	50
11/08/2023 08:50	1.9	93	10	2.6	0.0	23.5	45
11/08/2023 09:00	2.2	99	12	3.1	0.0	23.7	42
11/08/2023 09:10	2.2	103	9	3.0	0.0	23.8	42
11/08/2023 09:20	2.6	103	8	3.2	0.0	23.5	46
11/08/2023 09:30	2.5	93	7	3.3	0.0	23.5	47
11/08/2023 09:40	2.5	89	6	3.3	0.0	23.6	48
11/08/2023 09:50	1.4	114	21	2.2	0.0	24.0	49
11/08/2023 10:00	2.0	82	12	2.9	0.0	24.5	45
11/08/2023 10:10	2.6	102	22	3.6	0.0	24.9	42
11/08/2023 10:20	1.3	160	55	2.5	0.0	26.2	36
11/08/2023 10:30	1.6	159	19	2.5	0.0	26.5	36
11/08/2023 10:40	1.6	118	45	2.4	0.0	26.7	36
11/08/2023 10:50	1.1	226	30	1.9	0.0	27.3	35
11/08/2023 11:00	1.7	221	42	3.4	0.0	27.6	36
11/08/2023 11:10	2.4	203	19	4.9	0.0	27.7	32
11/08/2023 11:20	1.8	229	36	3.6	0.0	27.9	32
11/08/2023 11:30	2.0	230	27	3.7	0.0	28.3	31
11/08/2023 11:40	2.5	263	19	4.0	0.0	28.9	28
11/08/2023 11:50	2.4	218	32	4.4	0.0	29.0	28
11/08/2023 12:00	1.9	238	36	3.1	0.0	29.4	25
11/08/2023 12:10	2.1	213	24	3.8	0.0	29.1	26
11/08/2023 12:20	1.7	254	24	2.9	0.0	29.3	27
11/08/2023 12:30	2.1	252	24	3.6	0.0	30.0	24
11/08/2023 12:40	1.9	270	45	4.0	0.0	30.3	24
11/08/2023 12:50	2.1	209	24	3.4	0.0	30.0	26
11/08/2023 13:00	2.5	264	24	4.1	0.0	29.8	24
11/08/2023 13:10	3.4	295	12	4.8	0.0	29.7	23
11/08/2023 13:20	3.5	282	14	5.0	0.0	29.6	23
11/08/2023 13:30	3.1	285	22	4.6	0.0	29.7	24
11/08/2023 13:40	2.7	234	16	4.1	0.0	29.8	23
11/08/2023 13:50	2.8	252	23	4.3	0.0	29.6	24
11/08/2023 14:00	3.5	278	11	4.5	0.0	29.2	26
11/08/2023 14:10	2.6	281	18	4.2	0.0	29.5	25
11/08/2023 14:20	3.3	262	11	4.8	0.0	29.7	25
11/08/2023 14:30	3.3	276	12	4.6	0.0	29.5	26
11/08/2023 14:40	3.8	272	10	5.3	0.0	29.5	27
11/08/2023 14:50	4.0	271	9	5.3	0.0	29.1	29
11/08/2023 15:00	3.9	266	11	5.3	0.0	29.3	30
11/08/2023 15:10	3.8	271	12	5.3	0.0	29.3	30
11/08/2023 15:20	4.4	266	11	6.0	0.0	28.8	30
11/08/2023 15:30	4.8	278	8	5.9	0.0	28.7	30
11/08/2023 15:40	4.7	278	8	6.1	0.0	28.9	31
11/08/2023 15:50	5.2	276	6	6.4	0.0	28.7	31
11/08/2023 16:00	5.2	268	6	6.7	0.0	28.8	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/08/2023 16:10	5.6	266	5	6.7	0.0	28.2	30
11/08/2023 16:20	5.3	265	6	6.2	0.0	28.0	34
11/08/2023 16:30	4.8	263	7	6.2	0.0	28.2	35
11/08/2023 16:40	5.1	263	6	6.3	0.0	27.7	37
11/08/2023 16:50	4.6	271	7	7.0	0.0	27.6	40
11/08/2023 17:00	5.0	270	5	6.4	0.0	27.3	41
11/08/2023 17:10	4.5	268	7	5.7	0.0	27.0	43
11/08/2023 17:20	4.8	264	6	6.2	0.0	26.6	45
11/08/2023 17:30	4.7	264	6	5.8	0.0	26.2	47
11/08/2023 17:40	4.7	263	6	5.5	0.0	25.9	49
11/08/2023 17:50	4.1	266	5	5.2	0.0	25.3	52
11/08/2023 18:00	4.3	270	5	5.3	0.0	25.1	53
11/08/2023 18:10	4.3	268	6	5.4	0.0	24.8	55
11/08/2023 18:20	4.5	268	5	5.5	0.0	24.6	57
11/08/2023 18:30	4.3	266	5	5.3	0.0	24.4	59
11/08/2023 18:40	4.1	267	5	4.9	0.0	24.3	61
11/08/2023 18:50	3.6	266	6	4.5	0.0	24.2	62
11/08/2023 19:00	3.7	264	6	4.7	0.0	24.1	62
11/08/2023 19:10	3.8	261	5	4.6	0.0	24.1	63
11/08/2023 19:20	3.6	259	4	4.2	0.0	23.8	64
11/08/2023 19:30	3.5	258	4	4.3	0.0	23.6	68
11/08/2023 19:40	3.9	260	5	4.9	0.0	23.9	64
11/08/2023 19:50	3.7	262	5	4.6	0.0	23.9	62
11/08/2023 20:00	3.8	264	5	4.7	0.0	23.9	63
11/08/2023 20:10	3.3	266	6	4.3	0.0	23.7	64
11/08/2023 20:20	2.8	265	5	3.8	0.0	23.4	64
11/08/2023 20:30	2.6	257	6	3.4	0.0	23.3	65
11/08/2023 20:40	3.0	252	3	3.4	0.0	23.1	67
11/08/2023 20:50	2.8	254	4	3.5	0.0	23.1	63
11/08/2023 21:00	2.3	259	5	2.9	0.0	23.0	63
11/08/2023 21:10	2.4	265	5	3.0	0.0	22.9	63
11/08/2023 21:20	3.1	270	3	3.8	0.0	23.0	63
11/08/2023 21:30	2.9	268	5	3.7	0.0	23.1	63
11/08/2023 21:40	2.3	259	4	3.0	0.0	23.0	62
11/08/2023 21:50	2.1	251	3	2.4	0.0	23.0	62
11/08/2023 22:00	2.2	262	4	2.5	0.0	22.8	62
11/08/2023 22:10	2.2	268	4	2.8	0.0	22.6	59
11/08/2023 22:20	2.2	269	5	2.9	0.0	23.0	53
11/08/2023 22:30	2.7	275	6	3.8	0.0	23.1	49
11/08/2023 22:40	3.1	271	6	4.0	0.0	23.3	47
11/08/2023 22:50	2.6	272	4	3.2	0.0	22.9	48
11/08/2023 23:00	2.5	277	5	3.3	0.0	22.7	49
11/08/2023 23:10	2.0	271	7	2.7	0.0	22.6	50
11/08/2023 23:20	1.9	269	7	2.5	0.0	22.6	49
11/08/2023 23:30	2.2	267	5	2.7	0.0	22.8	48
11/08/2023 23:40	2.2	265	6	2.7	0.0	22.8	47
11/08/2023 23:50	2.1	272	7	2.5	0.0	22.6	47
12/08/2023 00:00	1.9	278	8	2.6	0.0	22.5	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/08/2023 00:10	2.5	278	6	3.4	0.0	22.7	46
12/08/2023 00:20	2.9	278	5	3.5	0.0	23.0	44
12/08/2023 00:30	2.4	276	6	3.0	0.0	22.6	46
12/08/2023 00:40	2.5	281	5	3.2	0.0	22.5	46
12/08/2023 00:50	2.9	279	4	3.4	0.0	22.4	47
12/08/2023 01:00	2.8	276	4	3.3	0.0	21.9	49
12/08/2023 01:10	2.8	270	2	3.0	0.0	21.4	53
12/08/2023 01:20	2.8	268	2	3.0	0.0	20.9	57
12/08/2023 01:30	3.0	271	3	3.5	0.0	21.1	60
12/08/2023 01:40	2.7	276	5	3.5	0.0	21.2	60
12/08/2023 01:50	3.1	282	4	3.6	0.0	21.8	55
12/08/2023 02:00	2.6	278	7	3.3	0.0	21.4	58
12/08/2023 02:10	2.3	267	6	2.8	0.0	20.9	61
12/08/2023 02:20	2.6	271	4	3.1	0.0	20.3	63
12/08/2023 02:30	2.5	271	5	3.2	0.0	20.7	59
12/08/2023 02:40	2.7	266	6	3.5	0.0	21.3	54
12/08/2023 02:50	2.9	265	5	3.5	0.0	21.5	51
12/08/2023 03:00	2.8	263	5	3.4	0.0	21.3	50
12/08/2023 03:10	2.7	260	7	3.6	0.0	21.1	51
12/08/2023 03:20	2.6	250	8	3.5	0.0	21.6	50
12/08/2023 03:30	2.9	232	12	4.6	0.0	22.1	49
12/08/2023 03:40	2.7	222	13	4.3	0.0	22.6	46
12/08/2023 03:50	2.3	223	10	3.3	0.0	22.6	46
12/08/2023 04:00	2.4	225	9	4.0	0.0	22.6	46
12/08/2023 04:10	2.7	226	13	4.4	0.0	22.4	46
12/08/2023 04:20	3.0	222	9	4.2	0.0	22.5	45
12/08/2023 04:30	3.1	221	11	4.6	0.0	22.5	45
12/08/2023 04:40	2.9	238	15	4.1	0.0	22.3	44
12/08/2023 04:50	2.4	255	11	3.1	0.0	21.9	43
12/08/2023 05:00	2.7	266	12	4.0	0.0	21.9	43
12/08/2023 05:10	3.2	278	8	4.0	0.0	21.9	42
12/08/2023 05:20	3.3	275	7	4.0	0.0	21.7	43
12/08/2023 05:30	3.0	273	8	3.9	0.0	21.7	43
12/08/2023 05:40	2.8	275	10	3.7	0.0	21.8	42
12/08/2023 05:50	3.1	284	9	4.4	0.0	22.1	41
12/08/2023 06:00	3.4	275	7	4.6	0.0	22.1	40
12/08/2023 06:10	2.9	263	8	3.6	0.0	22.0	41
12/08/2023 06:20	3.2	271	7	4.7	0.0	21.9	41
12/08/2023 06:30	3.9	269	8	5.0	0.0	22.0	41
12/08/2023 06:40	3.7	259	9	5.2	0.0	22.1	42
12/08/2023 06:50	3.2	262	9	4.4	0.0	21.9	44
12/08/2023 07:00	2.9	252	10	4.3	0.0	21.9	45
12/08/2023 07:10	2.1	257	13	2.7	0.0	21.8	46
12/08/2023 07:20	1.6	257	15	2.4	0.0	21.8	47
12/08/2023 07:30	1.2	245	22	2.0	0.0	21.8	49
12/08/2023 07:40	1.0	216	17	1.9	0.0	22.2	49
12/08/2023 07:50	1.1	226	24	2.1	0.0	22.7	49
12/08/2023 08:00	1.0	147	43	1.9	0.0	23.0	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/08/2023 08:10	2.6	94	15	3.8	0.0	23.5	48
12/08/2023 08:20	3.4	71	8	4.5	0.0	22.7	51
12/08/2023 08:30	2.4	91	12	3.5	0.0	23.1	49
12/08/2023 08:40	1.9	112	15	2.7	0.0	23.5	47
12/08/2023 08:50	1.4	108	17	2.3	0.0	23.8	46
12/08/2023 09:00	1.6	91	17	2.4	0.0	24.2	46
12/08/2023 09:10	1.5	93	21	2.7	0.0	24.6	45
12/08/2023 09:20	2.1	88	11	3.1	0.0	24.7	46
12/08/2023 09:30	2.6	102	13	3.9	0.0	24.8	47
12/08/2023 09:40	2.4	97	14	3.5	0.0	24.9	46
12/08/2023 09:50	2.0	90	13	3.2	0.0	24.8	46
12/08/2023 10:00	2.1	89	16	3.3	0.0	25.5	44
12/08/2023 10:10	2.4	89	18	3.3	0.0	25.5	41
12/08/2023 10:20	2.2	101	16	3.2	0.0	25.8	40
12/08/2023 10:30	2.5	102	15	3.6	0.0	25.9	40
12/08/2023 10:40	2.3	119	20	3.7	0.0	26.1	39
12/08/2023 10:50	1.7	118	22	2.9	0.0	26.9	37
12/08/2023 11:00	1.4	116	25	2.3	0.0	27.6	35
12/08/2023 11:10	1.3	188	37	2.2	0.0	27.3	37
12/08/2023 11:20	1.8	122	26	3.2	0.0	28.1	35
12/08/2023 11:30	1.7	118	28	3.4	0.0	28.1	35
12/08/2023 11:40	1.5	146	42	2.6	0.0	28.8	35
12/08/2023 11:50	1.4	231	40	3.2	0.0	28.5	34
12/08/2023 12:00	2.0	277	36	3.5	0.0	28.4	32
12/08/2023 12:10	3.1	273	21	4.7	0.0	28.7	30
12/08/2023 12:20	3.1	297	19	4.8	0.0	28.5	30
12/08/2023 12:30	2.5	305	16	4.5	0.0	28.8	31
12/08/2023 12:40	2.6	329	17	4.5	0.0	28.4	35
12/08/2023 12:50	2.2	320	27	3.7	0.0	28.4	34
12/08/2023 13:00	2.4	293	37	3.6	0.0	29.3	32
12/08/2023 13:10	2.2	323	26	3.9	0.0	29.1	33
12/08/2023 13:20	2.4	312	28	4.2	0.0	28.9	35
12/08/2023 13:30	2.7	319	24	4.2	0.0	28.8	36
12/08/2023 13:40	2.2	321	28	4.3	0.0	28.9	36
12/08/2023 13:50	2.9	323	18	4.3	0.0	28.9	37
12/08/2023 14:00	2.7	324	19	4.3	0.0	29.0	38
12/08/2023 14:10	3.2	317	11	4.3	0.0	28.5	41
12/08/2023 14:20	3.0	318	18	4.6	0.0	28.3	41
12/08/2023 14:30	3.1	306	15	5.0	0.0	28.2	41
12/08/2023 14:40	3.9	309	14	4.9	0.0	28.1	41
12/08/2023 14:50	4.0	321	12	5.3	0.0	27.9	42
12/08/2023 15:00	4.8	326	10	6.4	0.0	27.3	46
12/08/2023 15:10	6.8	335	8	8.7	0.0	26.5	49
12/08/2023 15:20	5.7	335	12	7.6	0.0	26.4	50
12/08/2023 15:30	6.1	335	11	8.2	0.0	26.5	49
12/08/2023 15:40	5.6	345	9	7.5	0.0	26.1	53
12/08/2023 15:50	5.0	328	12	7.0	0.0	26.3	55
12/08/2023 16:00	4.7	329	10	6.4	0.0	26.1	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/08/2023 16:10	5.1	326	8	7.1	0.0	25.9	59
12/08/2023 16:20	4.5	322	11	6.4	0.0	26.1	57
12/08/2023 16:30	4.6	320	12	6.5	0.0	26.1	58
12/08/2023 16:40	3.9	310	13	5.6	0.0	26.2	53
12/08/2023 16:50	4.0	293	10	5.7	0.0	26.5	49
12/08/2023 17:00	4.6	290	9	6.2	0.0	26.1	51
12/08/2023 17:10	4.1	295	9	5.7	0.0	25.9	52
12/08/2023 17:20	4.3	299	10	5.7	0.0	25.7	54
12/08/2023 17:30	4.1	303	9	6.1	0.0	25.4	56
12/08/2023 17:40	4.3	296	8	5.5	0.0	25.1	59
12/08/2023 17:50	4.3	297	7	5.5	0.0	24.7	61
12/08/2023 18:00	4.4	299	8	6.4	0.0	24.5	62
12/08/2023 18:10	4.0	299	8	5.5	0.0	24.3	64
12/08/2023 18:20	3.4	295	10	4.8	0.0	24.1	66
12/08/2023 18:30	3.0	285	10	4.4	0.0	23.9	68
12/08/2023 18:40	2.8	274	8	4.1	0.0	23.7	70
12/08/2023 18:50	3.0	270	10	4.5	0.0	23.5	70
12/08/2023 19:00	2.6	265	8	3.6	0.0	23.4	70
12/08/2023 19:10	2.9	257	7	3.7	0.0	23.3	70
12/08/2023 19:20	2.8	259	8	3.9	0.0	23.1	69
12/08/2023 19:30	2.3	271	9	3.0	0.0	23.0	69
12/08/2023 19:40	2.6	267	8	4.2	0.0	22.9	69
12/08/2023 19:50	2.1	280	9	3.6	0.0	22.9	69
12/08/2023 20:00	2.8	285	8	4.4	0.0	22.8	69
12/08/2023 20:10	3.6	275	7	4.7	0.0	22.9	70
12/08/2023 20:20	3.5	271	8	4.9	0.0	22.9	70
12/08/2023 20:30	4.1	264	7	5.7	0.0	22.8	69
12/08/2023 20:40	4.7	267	6	6.5	0.0	22.7	69
12/08/2023 20:50	4.0	275	7	5.6	0.0	22.7	69
12/08/2023 21:00	3.4	268	9	4.9	0.0	22.6	69
12/08/2023 21:10	4.2	268	7	5.7	0.0	22.6	69
12/08/2023 21:20	4.3	264	6	5.4	0.0	22.6	69
12/08/2023 21:30	4.1	272	8	5.8	0.0	22.6	69
12/08/2023 21:40	4.0	269	6	5.3	0.0	22.5	70
12/08/2023 21:50	4.1	270	7	5.3	0.0	22.5	70
12/08/2023 22:00	4.0	267	7	5.4	0.0	22.5	70
12/08/2023 22:10	3.8	268	7	5.3	0.0	22.4	70
12/08/2023 22:20	4.2	267	6	5.4	0.0	22.4	70
12/08/2023 22:30	4.4	269	6	5.8	0.0	22.4	70
12/08/2023 22:40	4.8	269	4	6.3	0.0	22.4	70
12/08/2023 22:50	4.5	269	5	5.5	0.0	22.4	70
12/08/2023 23:00	4.6	268	5	5.7	0.0	22.3	70
12/08/2023 23:10	5.0	270	5	6.3	0.0	22.3	69
12/08/2023 23:20	4.6	272	5	6.3	0.0	22.2	69
12/08/2023 23:30	5.4	272	4	6.7	0.0	22.2	68
12/08/2023 23:40	5.7	270	5	7.7	0.0	22.2	67
12/08/2023 23:50	5.9	271	5	7.4	0.0	22.2	66
13/08/2023 00:00	5.7	266	4	7.1	0.0	22.1	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/08/2023 00:10	5.9	263	5	7.5	0.0	22.1	62
13/08/2023 00:20	6.1	264	4	7.9	0.0	22.0	61
13/08/2023 00:30	5.7	264	5	7.0	0.0	21.9	60
13/08/2023 00:40	5.7	263	5	7.0	0.0	21.9	59
13/08/2023 00:50	5.5	261	6	7.4	0.0	21.9	58
13/08/2023 01:00	5.2	255	7	7.2	0.0	21.8	55
13/08/2023 01:10	5.5	253	6	7.3	0.0	21.7	51
13/08/2023 01:20	6.1	253	6	8.1	0.0	21.5	50
13/08/2023 01:30	5.9	256	6	7.5	0.0	21.4	50
13/08/2023 01:40	6.0	262	5	7.5	0.0	21.3	52
13/08/2023 01:50	5.7	262	5	7.2	0.0	21.1	56
13/08/2023 02:00	6.1	267	6	7.7	0.0	21.0	58
13/08/2023 02:10	6.1	266	6	7.8	0.0	21.0	59
13/08/2023 02:20	6.8	264	6	8.8	0.0	21.0	61
13/08/2023 02:30	6.5	266	5	8.5	0.0	20.9	61
13/08/2023 02:40	6.0	267	5	7.6	0.0	20.8	62
13/08/2023 02:50	5.6	266	5	7.3	0.0	20.7	62
13/08/2023 03:00	5.4	263	6	7.0	0.0	20.7	61
13/08/2023 03:10	5.0	265	5	6.3	0.0	20.6	59
13/08/2023 03:20	5.0	265	5	6.2	0.0	20.4	57
13/08/2023 03:30	5.1	264	5	6.2	0.0	20.4	58
13/08/2023 03:40	5.1	264	6	6.4	0.0	20.4	60
13/08/2023 03:50	5.2	264	5	6.5	0.0	20.4	60
13/08/2023 04:00	5.2	270	5	6.3	0.0	20.3	59
13/08/2023 04:10	5.0	267	5	6.2	0.0	20.2	59
13/08/2023 04:20	4.8	267	4	6.0	0.0	20.2	58
13/08/2023 04:30	4.9	270	4	6.1	0.0	20.0	57
13/08/2023 04:40	5.1	270	5	6.4	0.0	20.0	57
13/08/2023 04:50	4.5	268	6	5.6	0.0	20.0	56
13/08/2023 05:00	4.8	269	6	6.0	0.0	19.9	55
13/08/2023 05:10	4.9	269	6	6.3	0.0	19.9	54
13/08/2023 05:20	5.2	271	7	6.3	0.0	19.9	53
13/08/2023 05:30	5.0	270	5	6.2	0.0	19.8	51
13/08/2023 05:40	4.8	270	5	5.9	0.0	19.7	50
13/08/2023 05:50	4.8	270	4	5.9	0.0	19.7	49
13/08/2023 06:00	4.9	270	4	6.1	0.0	19.7	48
13/08/2023 06:10	4.2	263	6	5.5	0.0	19.7	48
13/08/2023 06:20	4.6	269	5	6.2	0.0	19.6	48
13/08/2023 06:30	4.6	269	5	6.0	0.0	19.7	48
13/08/2023 06:40	4.7	268	5	5.6	0.0	19.7	48
13/08/2023 06:50	4.7	270	5	5.7	0.0	19.6	48
13/08/2023 07:00	4.7	272	5	6.1	0.0	19.8	47
13/08/2023 07:10	4.7	271	5	5.7	0.0	19.8	47
13/08/2023 07:20	4.6	270	5	5.3	0.0	19.9	47
13/08/2023 07:30	4.4	269	5	5.4	0.0	20.1	48
13/08/2023 07:40	4.2	270	5	5.0	0.0	20.4	52
13/08/2023 07:50	4.2	266	6	5.4	0.0	20.8	56
13/08/2023 08:00	4.1	264	7	5.1	0.0	21.2	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/08/2023 08:10	3.9	258	8	5.2	0.0	21.6	64
13/08/2023 08:20	4.5	258	8	6.2	0.0	22.1	66
13/08/2023 08:30	4.9	254	7	6.3	0.0	22.4	66
13/08/2023 08:40	4.9	253	8	6.3	0.0	22.7	65
13/08/2023 08:50	4.6	256	8	6.1	0.0	23.4	62
13/08/2023 09:00	5.0	260	6	6.8	0.0	23.9	59
13/08/2023 09:10	4.7	253	8	6.6	0.0	24.2	59
13/08/2023 09:20	5.2	252	8	7.1	0.0	24.3	59
13/08/2023 09:30	4.1	250	11	6.0	0.0	24.5	58
13/08/2023 09:40	4.1	245	14	5.7	0.0	25.1	55
13/08/2023 09:50	3.5	246	15	5.1	0.0	25.6	53
13/08/2023 10:00	3.1	231	18	4.5	0.0	25.8	51
13/08/2023 10:10	3.0	217	17	4.7	0.0	26.2	48
13/08/2023 10:20	2.7	217	12	4.3	0.0	26.2	47
13/08/2023 10:30	2.7	226	18	4.5	0.0	26.7	46
13/08/2023 10:40	3.2	222	16	4.3	0.0	26.9	45
13/08/2023 10:50	2.2	231	23	4.0	0.0	27.3	44
13/08/2023 11:00	2.0	256	31	3.9	0.0	28.0	41
13/08/2023 11:10	3.0	269	17	4.7	0.0	27.6	45
13/08/2023 11:20	3.8	284	14	5.3	0.0	27.1	50
13/08/2023 11:30	3.8	284	12	5.3	0.0	26.9	51
13/08/2023 11:40	3.5	285	14	5.1	0.0	27.1	52
13/08/2023 11:50	3.8	280	8	5.0	0.0	27.1	50
13/08/2023 12:00	4.0	276	12	5.4	0.0	27.5	50
13/08/2023 12:10	4.3	284	13	5.9	0.0	27.0	51
13/08/2023 12:20	4.6	275	9	6.1	0.0	27.2	50
13/08/2023 12:30	4.8	276	8	6.3	0.0	27.3	47
13/08/2023 12:40	5.1	269	10	6.6	0.0	27.3	47
13/08/2023 12:50	4.3	270	9	6.0	0.0	27.7	45
13/08/2023 13:00	4.9	270	9	6.2	0.0	27.9	43
13/08/2023 13:10	5.3	275	9	6.9	0.0	27.6	45
13/08/2023 13:20	5.3	278	10	7.2	0.0	27.7	46
13/08/2023 13:30	5.5	271	8	7.2	0.0	27.7	47
13/08/2023 13:40	6.0	263	7	7.4	0.0	27.5	48
13/08/2023 13:50	5.8	270	9	7.5	0.0	27.4	50
13/08/2023 14:00	6.1	262	7	7.9	0.0	27.3	51
13/08/2023 14:10	6.7	267	6	8.1	0.0	26.7	55
13/08/2023 14:20	6.7	266	5	7.9	0.0	26.5	54
13/08/2023 14:30	6.7	269	6	8.2	0.0	26.5	57
13/08/2023 14:40	6.4	271	5	7.8	0.0	26.3	58
13/08/2023 14:50	6.1	268	5	7.4	0.0	26.4	58
13/08/2023 15:00	6.1	268	6	7.7	0.0	26.3	58
13/08/2023 15:10	6.5	271	7	8.7	0.0	26.3	59
13/08/2023 15:20	6.9	275	5	8.8	0.0	25.8	62
13/08/2023 15:30	7.2	275	5	8.9	0.0	25.7	63
13/08/2023 15:40	7.5	277	5	9.0	0.0	25.3	64
13/08/2023 15:50	7.0	283	6	8.6	0.0	25.3	64
13/08/2023 16:00	6.5	285	8	8.8	0.0	25.4	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/08/2023 16:10	7.2	275	9	9.7	0.0	25.4	65
13/08/2023 16:20	7.0	272	8	9.5	0.0	25.5	64
13/08/2023 16:30	7.4	274	8	10.0	0.0	25.4	63
13/08/2023 16:40	8.2	273	6	10.7	0.0	25.2	63
13/08/2023 16:50	7.6	275	7	10.2	0.0	25.1	63
13/08/2023 17:00	7.7	272	8	10.5	0.0	25.1	63
13/08/2023 17:10	7.4	274	7	10.1	0.0	25.0	63
13/08/2023 17:20	7.5	270	7	9.8	0.0	24.9	64
13/08/2023 17:30	7.8	273	7	10.5	0.0	24.6	64
13/08/2023 17:40	7.6	276	5	9.4	0.0	24.4	65
13/08/2023 17:50	7.0	278	6	9.1	0.0	24.1	66
13/08/2023 18:00	7.1	277	7	9.8	0.0	23.8	68
13/08/2023 18:10	7.0	272	7	9.0	0.0	23.7	68
13/08/2023 18:20	6.8	267	7	8.9	0.0	23.5	68
13/08/2023 18:30	6.7	263	7	8.9	0.0	23.4	68
13/08/2023 18:40	6.1	261	5	7.8	0.0	23.2	68
13/08/2023 18:50	5.0	266	8	6.7	0.0	23.3	68
13/08/2023 19:00	5.5	256	9	7.3	0.0	23.2	68
13/08/2023 19:10	5.6	258	6	7.4	0.0	23.2	68
13/08/2023 19:20	6.3	260	8	8.1	0.0	23.1	68
13/08/2023 19:30	6.4	258	7	8.5	0.0	23.1	68
13/08/2023 19:40	6.6	256	7	8.3	0.0	23.0	68
13/08/2023 19:50	6.2	259	6	8.4	0.0	22.9	68
13/08/2023 20:00	5.9	263	6	7.7	0.0	22.9	68
13/08/2023 20:10	5.3	262	6	6.7	0.0	22.9	68
13/08/2023 20:20	4.7	258	8	6.0	0.0	22.7	68
13/08/2023 20:30	5.2	260	6	7.3	0.0	22.7	68
13/08/2023 20:40	5.1	256	6	6.9	0.0	22.6	68
13/08/2023 20:50	4.9	256	7	6.6	0.0	22.5	67
13/08/2023 21:00	5.3	259	7	7.0	0.0	22.4	67
13/08/2023 21:10	4.9	255	7	6.6	0.0	22.3	67
13/08/2023 21:20	4.9	260	6	6.4	0.0	22.2	67
13/08/2023 21:30	4.5	257	7	5.8	0.0	22.1	67
13/08/2023 21:40	4.2	260	6	5.7	0.0	22.0	68
13/08/2023 21:50	4.3	260	6	5.6	0.0	21.9	68
13/08/2023 22:00	4.3	262	6	5.9	0.0	21.9	68
13/08/2023 22:10	4.0	257	7	5.5	0.0	21.8	68
13/08/2023 22:20	4.1	255	8	5.7	0.0	21.8	68
13/08/2023 22:30	3.6	258	7	4.8	0.0	21.8	68
13/08/2023 22:40	3.6	259	7	4.8	0.0	21.7	68
13/08/2023 22:50	3.6	255	7	5.2	0.0	21.7	68
13/08/2023 23:00	3.8	255	9	5.2	0.0	21.6	68
13/08/2023 23:10	4.4	259	8	6.4	0.0	21.7	68
13/08/2023 23:20	4.2	258	8	6.1	0.0	21.4	69
13/08/2023 23:30	4.3	259	7	5.8	0.0	21.4	69
13/08/2023 23:40	4.9	255	7	7.0	0.0	21.5	69
13/08/2023 23:50	4.6	257	8	6.4	0.0	21.4	69
14/08/2023 00:00	4.0	264	6	5.5	0.0	21.1	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/08/2023 00:10	4.8	263	7	6.4	0.0	21.0	70
14/08/2023 00:20	5.1	262	6	6.6	0.0	21.0	70
14/08/2023 00:30	5.2	257	7	7.0	0.0	20.9	70
14/08/2023 00:40	5.1	257	8	7.7	0.0	20.9	70
14/08/2023 00:50	5.1	258	7	6.7	0.0	20.8	70
14/08/2023 01:00	4.9	262	6	6.4	0.0	20.6	70
14/08/2023 01:10	4.7	262	5	5.7	0.0	20.5	70
14/08/2023 01:20	5.2	264	5	6.3	0.0	20.4	70
14/08/2023 01:30	4.4	267	5	5.9	0.0	20.3	70
14/08/2023 01:40	4.6	272	5	5.8	0.0	20.1	70
14/08/2023 01:50	4.6	275	6	5.8	0.0	19.9	71
14/08/2023 02:00	4.2	269	6	5.4	0.0	19.8	71
14/08/2023 02:10	4.2	267	6	5.0	0.0	19.8	70
14/08/2023 02:20	4.7	266	5	5.7	0.0	19.8	70
14/08/2023 02:30	4.6	261	5	5.5	0.0	19.6	71
14/08/2023 02:40	4.3	261	5	5.3	0.0	19.4	71
14/08/2023 02:50	4.1	256	5	5.3	0.0	19.2	71
14/08/2023 03:00	4.1	261	5	5.0	0.0	19.1	71
14/08/2023 03:10	4.1	254	5	5.1	0.0	19.0	70
14/08/2023 03:20	3.8	254	6	4.8	0.0	18.7	71
14/08/2023 03:30	3.9	260	6	4.8	0.0	18.6	71
14/08/2023 03:40	3.7	263	6	4.8	0.0	18.5	71
14/08/2023 03:50	3.4	260	5	4.3	0.0	18.4	71
14/08/2023 04:00	3.7	270	5	4.4	0.0	18.3	71
14/08/2023 04:10	3.6	264	6	4.5	0.0	18.2	70
14/08/2023 04:20	3.6	269	5	4.4	0.0	18.2	70
14/08/2023 04:30	3.7	271	4	4.4	0.0	18.2	70
14/08/2023 04:40	4.1	275	4	4.8	0.0	18.2	70
14/08/2023 04:50	4.1	272	4	4.8	0.0	18.2	69
14/08/2023 05:00	3.5	275	4	4.3	0.0	18.1	69
14/08/2023 05:10	2.6	278	8	3.5	0.0	18.1	69
14/08/2023 05:20	2.2	270	8	3.2	0.0	18.1	69
14/08/2023 05:30	2.7	273	8	3.6	0.0	18.2	69
14/08/2023 05:40	3.0	280	5	4.1	0.0	18.1	69
14/08/2023 05:50	3.1	275	5	3.8	0.0	17.9	69
14/08/2023 06:00	3.0	277	5	3.6	0.0	17.9	70
14/08/2023 06:10	2.4	283	5	3.1	0.0	17.7	70
14/08/2023 06:20	2.6	289	5	3.2	0.0	17.8	69
14/08/2023 06:30	3.0	276	4	3.4	0.0	17.7	70
14/08/2023 06:40	2.9	268	4	3.4	0.0	17.5	70
14/08/2023 06:50	3.2	266	5	3.6	0.0	17.3	71
14/08/2023 07:00	3.1	258	4	3.5	0.0	17.3	71
14/08/2023 07:10	2.8	261	4	3.5	0.0	17.5	71
14/08/2023 07:20	2.8	258	3	3.1	0.0	17.7	70
14/08/2023 07:30	3.0	262	3	3.4	0.0	17.8	69
14/08/2023 07:40	2.5	258	5	3.1	0.0	18.1	68
14/08/2023 07:50	2.6	270	5	3.3	0.0	18.5	67
14/08/2023 08:00	2.6	273	7	3.1	0.0	19.2	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/08/2023 08:10	2.6	274	7	3.1	0.0	19.6	63
14/08/2023 08:20	2.4	273	9	3.1	0.0	20.1	62
14/08/2023 08:30	2.1	272	11	3.2	0.0	20.5	60
14/08/2023 08:40	1.7	282	14	2.5	0.0	21.1	58
14/08/2023 08:50	1.7	262	11	2.4	0.0	21.5	56
14/08/2023 09:00	1.7	270	16	2.7	0.0	22.1	55
14/08/2023 09:10	2.5	269	15	3.7	0.0	22.4	53
14/08/2023 09:20	2.3	260	15	3.3	0.0	22.6	52
14/08/2023 09:30	3.1	255	14	4.1	0.0	22.9	51
14/08/2023 09:40	3.6	269	11	5.0	0.0	23.2	48
14/08/2023 09:50	3.7	285	11	5.1	0.0	23.2	48
14/08/2023 10:00	4.3	283	12	6.2	0.0	23.3	47
14/08/2023 10:10	4.3	286	10	6.0	0.0	23.5	48
14/08/2023 10:20	4.5	287	11	5.8	0.0	23.2	48
14/08/2023 10:30	4.6	278	12	5.9	0.0	23.3	47
14/08/2023 10:40	4.8	274	12	6.7	0.0	23.4	47
14/08/2023 10:50	5.3	269	8	7.3	0.0	23.6	46
14/08/2023 11:00	5.4	281	8	7.0	0.0	23.6	45
14/08/2023 11:10	5.1	280	10	6.5	0.0	23.9	44
14/08/2023 11:20	5.4	274	9	7.1	0.0	23.8	45
14/08/2023 11:30	5.0	269	11	6.8	0.0	23.8	45
14/08/2023 11:40	4.9	269	11	6.9	0.0	23.9	46
14/08/2023 11:50	4.4	262	13	6.1	0.0	24.4	47
14/08/2023 12:00	4.8	263	9	7.2	0.0	24.1	49
14/08/2023 12:10	5.1	262	10	7.0	0.0	24.3	50
14/08/2023 12:20	5.2	268	8	7.3	0.0	24.3	50
14/08/2023 12:30	5.4	269	8	7.4	0.0	24.2	51
14/08/2023 12:40	5.9	265	8	8.2	0.0	24.1	52
14/08/2023 12:50	6.0	272	8	8.1	0.0	24.3	52
14/08/2023 13:00	5.9	272	12	7.7	0.0	24.3	52
14/08/2023 13:10	5.8	278	9	7.8	0.0	24.2	52
14/08/2023 13:20	5.6	269	9	7.2	0.0	24.3	52
14/08/2023 13:30	5.9	263	16	7.8	0.0	24.2	51
14/08/2023 13:40	5.7	272	12	8.2	0.0	24.3	52
14/08/2023 13:50	5.9	261	10	7.5	0.0	24.2	52
14/08/2023 14:00	5.6	264	10	7.5	0.0	24.3	52
14/08/2023 14:10	5.9	259	11	7.5	0.0	24.3	52
14/08/2023 14:20	5.7	263	13	7.5	0.0	24.5	52
14/08/2023 14:30	5.4	268	10	7.4	0.0	24.4	52
14/08/2023 14:40	5.7	277	8	7.6	0.0	24.3	53
14/08/2023 14:50	6.0	269	9	7.8	0.0	24.4	53
14/08/2023 15:00	5.6	267	10	7.2	0.0	24.0	55
14/08/2023 15:10	5.8	263	9	7.3	0.0	24.1	55
14/08/2023 15:20	6.5	261	9	7.9	0.0	23.8	56
14/08/2023 15:30	6.2	259	10	8.1	0.0	23.9	56
14/08/2023 15:40	5.9	264	11	7.8	0.0	24.2	55
14/08/2023 15:50	6.2	271	8	8.3	0.0	24.1	55
14/08/2023 16:00	6.2	268	10	8.2	0.0	23.6	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/08/2023 16:10	6.1	262	8	7.8	0.0	23.6	56
14/08/2023 16:20	6.3	261	6	8.0	0.0	23.4	56
14/08/2023 16:30	6.2	259	8	7.7	0.0	23.3	56
14/08/2023 16:40	6.0	262	8	7.7	0.0	23.3	58
14/08/2023 16:50	5.7	270	6	7.5	0.0	23.2	58
14/08/2023 17:00	5.3	267	9	7.2	0.0	23.2	58
14/08/2023 17:10	5.8	266	6	7.5	0.0	23.1	58
14/08/2023 17:20	5.6	263	7	7.0	0.0	22.9	57
14/08/2023 17:30	5.1	265	7	7.1	0.0	22.8	61
14/08/2023 17:40	5.1	263	7	6.5	0.0	22.6	62
14/08/2023 17:50	4.6	268	8	6.2	0.0	22.2	66
14/08/2023 18:00	5.0	263	6	6.4	0.0	21.8	67
14/08/2023 18:10	4.2	266	9	5.6	0.0	21.7	67
14/08/2023 18:20	4.9	262	6	6.3	0.0	21.6	67
14/08/2023 18:30	4.3	270	7	6.1	0.0	21.6	66
14/08/2023 18:40	4.7	265	6	6.1	0.0	21.6	66
14/08/2023 18:50	4.6	274	7	6.2	0.0	21.6	66
14/08/2023 19:00	5.3	269	5	6.5	0.0	21.6	65
14/08/2023 19:10	4.9	271	7	6.6	0.0	21.6	64
14/08/2023 19:20	4.0	261	7	5.3	0.0	21.5	63
14/08/2023 19:30	4.0	262	8	5.2	0.0	21.4	63
14/08/2023 19:40	4.0	259	6	5.2	0.0	21.1	64
14/08/2023 19:50	4.8	261	6	6.3	0.0	21.2	63
14/08/2023 20:00	3.7	255	6	5.3	0.0	21.1	65
14/08/2023 20:10	3.3	258	7	5.0	0.0	21.0	66
14/08/2023 20:20	3.8	259	6	5.0	0.0	21.1	65
14/08/2023 20:30	3.4	273	7	4.8	0.0	21.0	66
14/08/2023 20:40	3.4	269	5	4.4	0.0	21.0	65
14/08/2023 20:50	3.5	262	5	4.7	0.0	21.0	65
14/08/2023 21:00	3.4	259	7	4.7	0.0	20.9	67
14/08/2023 21:10	3.1	248	9	3.8	0.0	20.9	68
14/08/2023 21:20	2.8	246	10	4.2	0.0	20.9	68
14/08/2023 21:30	2.9	251	7	3.9	0.0	20.3	70
14/08/2023 21:40	3.1	251	10	4.2	0.0	20.4	70
14/08/2023 21:50	2.9	248	9	4.0	0.0	20.3	71
14/08/2023 22:00	3.0	256	8	4.4	0.0	20.0	71
14/08/2023 22:10	2.9	256	9	3.9	0.0	19.8	72
14/08/2023 22:20	3.3	257	7	4.3	0.0	19.7	72
14/08/2023 22:30	2.9	255	8	4.1	0.0	19.7	71
14/08/2023 22:40	2.9	257	7	3.9	0.0	19.5	71
14/08/2023 22:50	2.4	271	7	3.2	0.0	19.3	72
14/08/2023 23:00	2.6	270	4	3.1	0.0	19.3	72
14/08/2023 23:10	2.5	271	4	3.0	0.0	19.2	72
14/08/2023 23:20	2.4	272	4	2.8	0.0	19.2	72
14/08/2023 23:30	2.7	271	3	3.1	0.0	19.2	71
14/08/2023 23:40	2.4	269	5	2.9	0.0	19.1	71
14/08/2023 23:50	2.5	271	5	3.1	0.0	19.0	71
15/08/2023 00:00	2.5	267	5	3.0	0.0	19.0	71



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/08/2023 00:10	1.9	262	7	2.4	0.0	18.8	70
15/08/2023 00:20	1.9	263	3	2.1	0.0	18.9	70
15/08/2023 00:30	1.9	267	2	2.1	0.0	18.9	70
15/08/2023 00:40	1.5	275	8	1.9	0.0	19.0	70
15/08/2023 00:50	1.3	254	10	1.6	0.0	18.8	70
15/08/2023 01:00	1.8	254	6	2.2	0.0	18.5	70
15/08/2023 01:10	1.9	265	6	2.2	0.0	18.5	70
15/08/2023 01:20	2.0	259	6	2.3	0.0	18.4	70
15/08/2023 01:30	1.9	256	9	2.4	0.0	18.6	70
15/08/2023 01:40	1.7	283	9	2.0	0.0	18.7	70
15/08/2023 01:50	1.3	272	6	1.6	0.0	18.8	70
15/08/2023 02:00	0.7	231	22	1.0	0.0	18.7	71
15/08/2023 02:10	0.5	136	43	0.9	0.0	18.4	71
15/08/2023 02:20	1.0	358	14	1.5	0.0	18.9	70
15/08/2023 02:30	0.6	283	23	1.1	0.0	19.2	70
15/08/2023 02:40	0.7	107	24	1.0	0.0	18.5	71
15/08/2023 02:50	1.0	71	16	1.3	0.0	18.3	71
15/08/2023 03:00	0.8	39	61	1.3	0.0	18.2	70
15/08/2023 03:10	0.6	175	42	1.1	0.0	18.2	70
15/08/2023 03:20	1.7	284	19	2.6	0.0	19.0	69
15/08/2023 03:30	1.8	262	8	2.5	0.0	19.1	70
15/08/2023 03:40	2.1	282	10	3.1	0.0	19.4	69
15/08/2023 03:50	1.3	314	14	2.1	0.0	19.7	70
15/08/2023 04:00	1.7	320	11	2.3	0.0	19.9	70
15/08/2023 04:10	2.2	315	7	3.4	0.0	20.2	70
15/08/2023 04:20	2.6	315	7	3.6	0.0	20.5	69
15/08/2023 04:30	2.2	310	10	3.2	0.0	20.6	70
15/08/2023 04:40	2.3	302	7	3.3	0.0	20.5	70
15/08/2023 04:50	2.2	288	6	2.9	0.0	20.3	70
15/08/2023 05:00	2.1	277	7	3.0	0.0	20.1	70
15/08/2023 05:10	1.8	278	10	2.7	0.0	20.0	70
15/08/2023 05:20	1.4	54	50	2.1	0.0	19.1	71
15/08/2023 05:30	0.9	228	22	1.3	0.0	18.5	71
15/08/2023 05:40	0.9	77	19	1.2	0.0	18.6	71
15/08/2023 05:50	1.1	33	28	1.6	0.0	18.6	70
15/08/2023 06:00	0.8	51	44	1.4	0.0	19.0	70
15/08/2023 06:10	0.5	204	37	0.9	0.0	18.6	71
15/08/2023 06:20	0.5	56	29	0.9	0.0	18.2	70
15/08/2023 06:30	0.6	37	25	0.8	0.0	18.3	70
15/08/2023 06:40	0.6	293	35	1.0	0.0	18.1	70
15/08/2023 06:50	0.8	265	7	1.1	0.0	18.0	70
15/08/2023 07:00	1.2	276	8	1.8	0.0	18.6	69
15/08/2023 07:10	1.6	306	8	2.3	0.0	18.9	70
15/08/2023 07:20	1.2	284	9	1.7	0.0	19.7	69
15/08/2023 07:30	0.3	324	49	0.6	0.0	20.2	69
15/08/2023 07:40	0.7	318	19	1.2	0.0	20.6	67
15/08/2023 07:50	1.0	173	42	1.8	0.0	21.1	64
15/08/2023 08:00	1.4	17	24	2.3	0.0	21.5	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/08/2023 08:10	1.9	320	16	3.1	0.0	21.3	60
15/08/2023 08:20	1.8	175	16	2.9	0.0	21.6	60
15/08/2023 08:30	2.2	332	17	3.1	0.0	21.7	60
15/08/2023 08:40	2.5	311	9	3.8	0.0	21.6	61
15/08/2023 08:50	2.6	344	25	4.1	0.0	21.9	60
15/08/2023 09:00	3.2	320	12	4.9	0.0	21.9	60
15/08/2023 09:10	3.4	337	18	5.2	0.0	22.0	60
15/08/2023 09:20	3.1	340	22	4.9	0.0	22.3	59
15/08/2023 09:30	4.1	339	11	6.3	0.0	22.3	60
15/08/2023 09:40	4.0	345	15	6.4	0.0	22.4	61
15/08/2023 09:50							
15/08/2023 10:00							
15/08/2023 10:10							
15/08/2023 10:20	4.8	314	17	7.5	0.1	22.3	69
15/08/2023 10:30	5.2	313	14	7.3	0.0	22.4	68
15/08/2023 10:40	4.3	309	13	7.1	0.0	22.6	67
15/08/2023 10:50	4.9	314	14	7.0	0.0	22.7	67
15/08/2023 11:00	4.9	312	12	7.9	0.0	22.4	67
15/08/2023 11:10	5.2	319	14	8.8	0.0	22.7	65
15/08/2023 11:20	6.0	328	12	8.2	0.0	22.8	64
15/08/2023 11:30	5.5	323	13	8.5	0.0	23.3	63
15/08/2023 11:40	6.0	318	10	8.8	0.0	22.8	63
15/08/2023 11:50	5.8	312	16	8.1	0.0	23.0	63
15/08/2023 12:00	5.5	303	13	8.7	0.0	23.1	62
15/08/2023 12:10	5.9	309	13	8.8	0.0	23.0	62
15/08/2023 12:20	5.5	308	12	8.3	0.0	23.3	62
15/08/2023 12:30	5.6	309	11	8.7	0.0	23.3	61
15/08/2023 12:40	5.6	308	13	8.4	0.0	23.4	62
15/08/2023 12:50	5.5	312	12	7.7	0.0	23.4	62
15/08/2023 13:00	6.2	309	12	9.1	0.0	23.2	62
15/08/2023 13:10	5.9	298	13	8.1	0.0	23.7	60
15/08/2023 13:20	6.2	296	14	8.6	0.0	23.7	59
15/08/2023 13:30	6.8	288	9	9.2	0.0	23.8	57
15/08/2023 13:40	6.6	286	9	9.3	0.0	23.9	57
15/08/2023 13:50	6.8	287	9	8.8	0.0	23.9	56
15/08/2023 14:00	6.0	289	12	8.8	0.0	24.2	55
15/08/2023 14:10	5.6	297	14	8.4	0.0	24.4	55
15/08/2023 14:20	5.8	293	16	8.3	0.0	24.1	57
15/08/2023 14:30	6.6	290	10	9.2	0.0	24.1	57
15/08/2023 14:40	6.8	286	7	8.5	0.0	23.8	57
15/08/2023 14:50	7.2	286	7	9.0	0.0	23.7	57
15/08/2023 15:00	6.9	288	7	9.0	0.0	23.6	56
15/08/2023 15:10	7.0	295	7	8.9	0.0	23.6	57
15/08/2023 15:20	6.9	276	9	9.0	0.0	23.9	56
15/08/2023 15:30	6.8	272	9	9.1	0.0	24.1	55
15/08/2023 15:40	7.5	264	7	9.3	0.0	23.9	55
15/08/2023 15:50	7.7	265	4	9.0	0.0	23.7	56
15/08/2023 16:00	7.2	265	9	8.9	0.0	23.7	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/08/2023 16:10	6.8	273	8	8.5	0.0	23.8	60
15/08/2023 16:20	7.2	267	6	9.4	0.0	23.3	63
15/08/2023 16:30	6.9	268	8	8.9	0.0	23.5	62
15/08/2023 16:40	7.1	276	9	9.5	0.0	23.4	62
15/08/2023 16:50	7.4	277	6	9.8	0.0	23.2	61
15/08/2023 17:00	7.8	279	6	9.9	0.0	23.0	62
15/08/2023 17:10	7.2	278	6	9.2	0.0	22.8	63
15/08/2023 17:20	6.4	279	7	8.7	0.0	22.8	65
15/08/2023 17:30	6.2	278	8	8.5	0.0	22.7	65
15/08/2023 17:40	6.2	279	6	8.2	0.0	22.5	68
15/08/2023 17:50	6.8	280	7	9.0	0.0	22.1	69
15/08/2023 18:00	6.0	288	7	8.2	0.0	22.0	70
15/08/2023 18:10	6.1	281	6	8.2	0.0	21.9	70
15/08/2023 18:20	6.0	277	7	8.5	0.0	21.8	70
15/08/2023 18:30	5.7	280	7	8.0	0.0	21.9	70
15/08/2023 18:40	6.6	280	7	8.8	0.0	21.8	70
15/08/2023 18:50	6.9	277	6	9.0	0.0	21.9	70
15/08/2023 19:00	5.9	272	7	8.6	0.0	21.9	70
15/08/2023 19:10	5.8	265	7	8.3	0.0	22.0	68
15/08/2023 19:20	6.6	266	6	9.3	0.0	22.0	67
15/08/2023 19:30	6.6	262	7	8.8	0.0	21.9	69
15/08/2023 19:40	7.1	265	6	9.3	0.0	21.9	69
15/08/2023 19:50	7.0	262	7	9.4	0.0	21.8	69
15/08/2023 20:00	6.7	264	7	8.5	0.0	21.8	68
15/08/2023 20:10	6.5	264	7	8.8	0.0	21.8	67
15/08/2023 20:20	5.1	261	7	6.4	0.0	21.7	68
15/08/2023 20:30	5.4	259	8	8.0	0.0	21.6	67
15/08/2023 20:40	5.3	258	8	7.1	0.0	21.7	67
15/08/2023 20:50	5.4	262	6	7.3	0.0	21.6	68
15/08/2023 21:00	5.7	262	7	7.6	0.0	21.8	67
15/08/2023 21:10	6.3	266	6	8.6	0.0	22.0	66
15/08/2023 21:20	6.2	265	6	8.5	0.0	22.0	65
15/08/2023 21:30	6.4	267	6	8.2	0.0	22.1	65
15/08/2023 21:40	6.4	266	5	8.4	0.0	22.1	65
15/08/2023 21:50	5.1	260	7	7.3	0.0	21.9	67
15/08/2023 22:00	6.5	263	6	8.7	0.0	21.9	66
15/08/2023 22:10	6.3	259	8	9.9	0.0	21.9	65
15/08/2023 22:20	6.6	261	7	8.7	0.0	21.8	66
15/08/2023 22:30	6.6	264	8	9.9	0.0	21.9	64
15/08/2023 22:40	6.5	259	6	8.8	0.0	21.9	64
15/08/2023 22:50	6.1	260	5	8.0	0.0	21.8	65
15/08/2023 23:00	6.6	263	6	9.4	0.0	21.8	65
15/08/2023 23:10	6.7	258	6	10.0	0.0	21.8	64
15/08/2023 23:20	7.4	257	7	9.8	0.0	21.6	63
15/08/2023 23:30	7.9	256	7	10.9	0.0	21.8	61
15/08/2023 23:40	8.2	256	7	10.7	0.0	21.7	60
15/08/2023 23:50	8.4	256	7	10.6	0.0	21.6	58
16/08/2023 00:00	8.1	254	7	11.2	0.0	21.5	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/08/2023 00:10	7.9	256	8	10.6	0.0	21.4	55
16/08/2023 00:20	8.7	258	7	12.3	0.0	21.1	54
16/08/2023 00:30	9.0	257	7	12.7	0.0	21.0	54
16/08/2023 00:40	8.0	258	7	11.3	0.0	20.8	54
16/08/2023 00:50	7.4	255	9	10.9	0.0	20.6	54
16/08/2023 01:00	7.0	252	8	9.9	0.0	20.4	54
16/08/2023 01:10	7.3	252	8	10.9	0.0	20.2	53
16/08/2023 01:20	7.2	252	7	10.8	0.0	20.0	54
16/08/2023 01:30	7.5	252	7	11.3	0.0	19.8	54
16/08/2023 01:40	7.6	252	7	10.9	0.0	19.6	54
16/08/2023 01:50	7.5	257	7	10.0	0.0	19.3	54
16/08/2023 02:00	7.7	257	6	10.5	0.0	19.0	55
16/08/2023 02:10	7.2	257	6	9.4	0.0	18.8	56
16/08/2023 02:20	6.8	258	6	9.2	0.0	18.6	56
16/08/2023 02:30	7.1	263	6	9.3	0.0	18.4	56
16/08/2023 02:40	6.3	262	6	8.3	0.0	18.3	57
16/08/2023 02:50	5.7	260	6	7.9	0.0	18.1	58
16/08/2023 03:00	5.8	262	5	7.5	0.0	17.9	59
16/08/2023 03:10	5.7	263	5	7.3	0.0	17.8	59
16/08/2023 03:20	5.4	265	5	6.8	0.0	17.6	59
16/08/2023 03:30	4.8	264	5	6.3	0.0	17.4	60
16/08/2023 03:40	5.1	268	5	6.5	0.0	17.2	61
16/08/2023 03:50	4.0	261	7	5.3	0.0	17.0	61
16/08/2023 04:00	4.6	262	6	6.0	0.0	16.9	62
16/08/2023 04:10	4.1	261	6	5.5	0.0	16.8	62
16/08/2023 04:20	4.5	264	5	6.1	0.0	16.9	62
16/08/2023 04:30	4.5	262	6	5.8	0.0	16.9	62
16/08/2023 04:40	4.0	261	6	5.3	0.0	16.9	62
16/08/2023 04:50	4.2	264	6	5.3	0.0	16.9	62
16/08/2023 05:00	4.0	264	6	5.3	0.0	16.9	62
16/08/2023 05:10	4.1	262	6	5.6	0.0	17.0	62
16/08/2023 05:20	4.7	263	5	5.8	0.0	17.2	61
16/08/2023 05:30	4.5	261	6	5.5	0.0	17.2	61
16/08/2023 05:40	4.1	265	6	5.1	0.0	17.0	62
16/08/2023 05:50	3.4	268	6	4.7	0.0	16.7	63
16/08/2023 06:00	2.9	271	7	3.8	0.0	16.7	63
16/08/2023 06:10	3.6	283	6	4.6	0.0	16.9	63
16/08/2023 06:20	3.6	285	6	5.0	0.0	17.0	62
16/08/2023 06:30	3.6	287	8	5.0	0.0	17.0	62
16/08/2023 06:40	3.7	296	7	4.5	0.0	17.1	62
16/08/2023 06:50	3.9	299	7	4.9	0.0	17.3	61
16/08/2023 07:00	3.5	292	9	4.6	0.0	17.4	60
16/08/2023 07:10	2.5	271	18	4.0	0.0	17.5	60
16/08/2023 07:20	3.0	267	11	4.0	0.0	17.6	60
16/08/2023 07:30	2.9	261	11	3.9	0.0	17.9	59
16/08/2023 07:40	3.1	247	20	5.5	0.0	18.6	55
16/08/2023 07:50	3.1	235	15	5.6	0.0	18.9	54
16/08/2023 08:00	2.9	235	23	4.9	0.0	19.2	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/08/2023 08:10	2.0	243	44	4.6	0.0	19.5	50
16/08/2023 08:20	3.2	230	27	7.8	0.0	19.8	48
16/08/2023 08:30	4.4	226	18	7.4	0.0	19.9	47
16/08/2023 08:40	5.8	215	12	8.6	0.0	20.0	47
16/08/2023 08:50	5.9	208	11	8.6	0.0	20.5	46
16/08/2023 09:00	5.2	210	9	7.7	0.0	20.9	44
16/08/2023 09:10	4.8	203	13	7.8	0.0	21.4	42
16/08/2023 09:20	6.0	199	11	8.6	0.0	21.8	41
16/08/2023 09:30	6.8	193	10	10.2	0.0	22.4	39
16/08/2023 09:40	7.3	184	9	10.4	0.0	22.8	37
16/08/2023 09:50	6.6	185	12	9.4	0.0	23.0	37
16/08/2023 10:00	6.2	187	11	9.3	0.0	23.3	37
16/08/2023 10:10	6.0	187	10	8.1	0.0	23.6	35
16/08/2023 10:20	4.5	187	10	7.0	0.0	24.0	35
16/08/2023 10:30	4.9	177	17	7.8	0.0	24.5	35
16/08/2023 10:40	5.4	179	10	7.7	0.0	24.5	34
16/08/2023 10:50	4.9	181	11	6.9	0.0	24.7	34
16/08/2023 11:00	4.6	201	13	6.8	0.0	25.4	32
16/08/2023 11:10	4.8	208	12	7.3	0.0	25.6	31
16/08/2023 11:20	4.2	197	22	6.3	0.0	26.2	30
16/08/2023 11:30	4.0	198	13	5.9	0.0	26.1	29
16/08/2023 11:40	3.5	202	20	6.2	0.0	26.3	30
16/08/2023 11:50	2.9	205	25	4.8	0.0	26.5	28
16/08/2023 12:00	2.8	208	15	4.9	0.0	26.9	27
16/08/2023 12:10	3.3	221	19	5.6	0.0	27.0	27
16/08/2023 12:20	3.4	202	22	6.4	0.0	27.1	26
16/08/2023 12:30	3.2	216	23	4.6	0.0	27.5	25
16/08/2023 12:40	3.8	218	17	6.2	0.0	27.4	26
16/08/2023 12:50	4.5	253	23	7.3	0.0	27.5	27
16/08/2023 13:00	4.8	270	18	7.0	0.0	27.5	27
16/08/2023 13:10	5.0	282	13	7.4	0.0	27.4	27
16/08/2023 13:20	5.0	288	12	7.3	0.0	27.8	26
16/08/2023 13:30	5.0	282	11	7.0	0.0	27.9	26
16/08/2023 13:40	5.3	279	11	7.3	0.0	27.9	25
16/08/2023 13:50	5.3	282	9	8.4	0.0	27.8	26
16/08/2023 14:00	5.9	278	10	9.5	0.0	27.9	27
16/08/2023 14:10	7.2	285	9	9.8	0.0	26.5	42
16/08/2023 14:20	6.9	280	9	9.1	0.0	26.8	38
16/08/2023 14:30	8.7	278	6	11.0	0.0	26.3	40
16/08/2023 14:40	8.9	279	5	11.1	0.0	26.0	41
16/08/2023 14:50	8.5	276	7	11.2	0.0	26.1	42
16/08/2023 15:00	9.9	271	7	12.2	0.0	25.4	45
16/08/2023 15:10	8.4	273	7	11.3	0.0	25.6	45
16/08/2023 15:20	9.6	275	7	12.1	0.0	25.2	43
16/08/2023 15:30	9.5	275	7	11.5	0.0	25.2	44
16/08/2023 15:40	8.2	271	8	10.9	0.0	25.5	44
16/08/2023 15:50	9.3	269	8	12.1	0.0	25.1	45
16/08/2023 16:00	9.3	275	7	11.4	0.0	25.0	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/08/2023 16:10	8.8	273	7	11.6	0.0	25.1	45
16/08/2023 16:20	8.6	276	7	11.4	0.0	25.0	47
16/08/2023 16:30	8.4	271	7	12.4	0.0	25.0	47
16/08/2023 16:40	8.6	273	7	11.9	0.0	24.9	47
16/08/2023 16:50	8.8	272	7	11.5	0.0	24.6	47
16/08/2023 17:00	9.1	276	7	11.3	0.0	24.5	46
16/08/2023 17:10	8.4	274	7	11.3	0.0	24.5	46
16/08/2023 17:20	8.4	273	6	11.3	0.0	24.3	46
16/08/2023 17:30	7.5	272	7	10.5	0.0	24.2	48
16/08/2023 17:40	7.7	272	8	10.6	0.0	24.0	50
16/08/2023 17:50	7.3	273	7	10.5	0.0	23.5	52
16/08/2023 18:00	7.3	273	7	9.8	0.0	23.2	55
16/08/2023 18:10	6.5	273	7	8.8	0.0	23.0	58
16/08/2023 18:20	6.4	274	7	9.1	0.0	23.0	59
16/08/2023 18:30	5.8	274	7	8.1	0.0	22.9	61
16/08/2023 18:40	4.6	271	8	7.0	0.0	22.8	63
16/08/2023 18:50	4.9	269	7	6.8	0.0	22.8	63
16/08/2023 19:00	4.5	269	6	6.1	0.0	22.8	65
16/08/2023 19:10	4.1	266	7	5.6	0.0	22.7	67
16/08/2023 19:20	4.2	272	6	6.0	0.0	22.6	69
16/08/2023 19:30	4.2	274	6	5.7	0.0	22.7	69
16/08/2023 19:40	3.5	269	5	4.4	0.0	22.5	69
16/08/2023 19:50	3.5	265	4	4.3	0.0	22.1	65
16/08/2023 20:00	4.0	256	5	4.9	0.0	22.4	50
16/08/2023 20:10	4.2	254	7	5.4	0.0	22.5	41
16/08/2023 20:20	4.6	240	9	7.3	0.0	23.4	35
16/08/2023 20:30	5.4	234	9	7.8	0.0	24.2	33
16/08/2023 20:40	5.2	235	9	7.5	0.0	24.2	32
16/08/2023 20:50	4.8	233	9	6.9	0.0	23.9	33
16/08/2023 21:00	5.4	225	9	7.7	0.0	23.6	36
16/08/2023 21:10	5.9	222	6	7.4	0.0	23.3	38
16/08/2023 21:20	5.8	222	6	7.9	0.0	23.1	38
16/08/2023 21:30	5.8	222	6	7.5	0.0	23.0	39
16/08/2023 21:40	5.4	224	5	7.5	0.0	22.8	39
16/08/2023 21:50	5.1	228	6	7.2	0.0	22.7	40
16/08/2023 22:00	5.9	229	6	7.6	0.0	22.6	40
16/08/2023 22:10	5.8	228	6	7.8	0.0	22.5	39
16/08/2023 22:20	5.4	229	6	7.3	0.0	22.4	40
16/08/2023 22:30	5.8	229	6	8.0	0.0	22.4	39
16/08/2023 22:40	5.3	230	6	7.1	0.0	22.3	39
16/08/2023 22:50	4.9	227	7	7.2	0.0	22.2	39
16/08/2023 23:00	4.5	226	8	6.5	0.0	22.1	39
16/08/2023 23:10	4.3	223	8	5.9	0.0	21.9	39
16/08/2023 23:20	4.1	219	9	5.6	0.0	22.0	38
16/08/2023 23:30	4.2	218	9	6.8	0.0	22.0	36
16/08/2023 23:40	3.9	212	9	5.4	0.0	22.0	34
16/08/2023 23:50	4.2	206	9	5.7	0.0	21.9	33
17/08/2023 00:00	4.4	203	9	6.3	0.0	21.9	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/08/2023 00:10	4.4	205	8	5.9	0.0	21.8	33
17/08/2023 00:20	4.3	205	8	6.1	0.0	21.6	34
17/08/2023 00:30	4.0	206	8	5.4	0.0	21.5	34
17/08/2023 00:40	3.9	211	9	5.8	0.0	21.4	35
17/08/2023 00:50	3.5	217	11	5.6	0.0	21.3	38
17/08/2023 01:00	3.6	214	9	5.2	0.0	21.0	38
17/08/2023 01:10	3.7	214	9	5.6	0.0	20.8	38
17/08/2023 01:20	3.9	212	10	5.7	0.0	20.7	38
17/08/2023 01:30	4.8	206	10	7.1	0.0	20.7	38
17/08/2023 01:40	4.8	204	8	7.1	0.0	20.7	38
17/08/2023 01:50	4.7	203	9	6.6	0.0	20.5	39
17/08/2023 02:00	5.4	201	9	7.2	0.0	20.6	38
17/08/2023 02:10	5.1	197	9	7.8	0.0	20.5	39
17/08/2023 02:20	4.7	195	9	7.3	0.0	20.4	39
17/08/2023 02:30	5.2	196	10	8.1	0.0	20.3	39
17/08/2023 02:40	5.0	192	11	6.8	0.0	20.2	40
17/08/2023 02:50	4.4	190	10	7.0	0.0	19.9	40
17/08/2023 03:00	4.5	192	10	6.3	0.0	19.8	41
17/08/2023 03:10	3.6	187	13	5.9	0.0	19.6	41
17/08/2023 03:20	4.2	183	10	7.4	0.0	19.6	41
17/08/2023 03:30	4.2	182	13	6.1	0.0	19.6	41
17/08/2023 03:40	4.1	182	10	6.0	0.0	19.5	42
17/08/2023 03:50	4.1	182	9	6.1	0.0	19.4	42
17/08/2023 04:00	4.4	180	8	5.9	0.0	19.3	42
17/08/2023 04:10	3.7	176	12	5.7	0.0	19.3	44
17/08/2023 04:20	3.0	163	17	4.7	0.0	19.6	43
17/08/2023 04:30	2.9	160	17	4.7	0.0	19.6	43
17/08/2023 04:40	2.6	167	18	4.2	0.0	19.4	43
17/08/2023 04:50	2.1	149	22	3.7	0.0	19.3	43
17/08/2023 05:00	2.3	148	21	4.0	0.0	19.3	42
17/08/2023 05:10	2.1	154	21	3.6	0.0	19.3	43
17/08/2023 05:20	2.2	148	16	3.7	0.0	19.3	42
17/08/2023 05:30	2.7	139	11	4.7	0.0	19.4	41
17/08/2023 05:40	2.5	138	17	3.8	0.0	19.5	41
17/08/2023 05:50	2.8	134	12	4.2	0.0	19.5	40
17/08/2023 06:00	2.9	132	12	4.9	0.0	19.4	40
17/08/2023 06:10	3.2	129	17	5.7	0.0	19.3	40
17/08/2023 06:20	3.1	133	17	5.5	0.0	19.2	40
17/08/2023 06:30	3.4	135	14	6.0	0.0	19.0	40
17/08/2023 06:40	3.8	130	16	6.4	0.0	19.0	41
17/08/2023 06:50	3.6	135	15	6.1	0.0	19.1	41
17/08/2023 07:00	3.7	134	11	5.6	0.0	19.3	40
17/08/2023 07:10	3.6	134	11	5.4	0.0	19.4	40
17/08/2023 07:20	3.7	135	11	5.4	0.0	19.5	39
17/08/2023 07:30	3.1	135	16	5.2	0.0	19.7	39
17/08/2023 07:40	2.7	127	19	4.5	0.0	19.9	40
17/08/2023 07:50	2.4	122	20	4.9	0.0	20.3	42
17/08/2023 08:00	2.7	119	19	4.1	0.0	20.5	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/08/2023 08:10	3.0	113	14	4.6	0.0	20.5	44
17/08/2023 08:20	3.4	111	13	4.9	0.0	20.5	44
17/08/2023 08:30	3.5	111	10	4.9	0.0	20.7	44
17/08/2023 08:40	3.8	107	11	5.4	0.0	21.0	43
17/08/2023 08:50	4.3	109	13	6.2	0.0	21.3	41
17/08/2023 09:00	5.1	106	11	7.2	0.0	21.5	39
17/08/2023 09:10	4.5	110	12	6.7	0.0	21.6	39
17/08/2023 09:20	4.3	113	14	6.4	0.0	21.7	39
17/08/2023 09:30	3.7	119	15	5.8	0.0	22.0	38
17/08/2023 09:40	3.5	118	14	5.7	0.0	22.4	39
17/08/2023 09:50	5.8	104	11	8.7	0.0	23.2	34
17/08/2023 10:00	6.5	109	11	9.4	0.0	23.3	33
17/08/2023 10:10	6.0	111	11	8.7	0.0	23.5	33
17/08/2023 10:20	5.4	106	13	8.0	0.0	23.9	33
17/08/2023 10:30	5.6	107	12	8.0	0.0	23.9	32
17/08/2023 10:40	5.2	100	12	7.7	0.0	24.3	30
17/08/2023 10:50	5.7	93	11	8.1	0.0	24.6	34
17/08/2023 11:00	7.2	80	10	10.4	0.0	24.1	36
17/08/2023 11:10	6.8	78	10	9.7	0.0	24.4	35
17/08/2023 11:20	7.1	76	8	9.3	0.0	24.5	34
17/08/2023 11:30	7.5	78	8	10.1	0.0	24.5	34
17/08/2023 11:40	7.0	78	9	9.1	0.0	24.6	34
17/08/2023 11:50	7.6	72	7	9.9	0.0	24.4	34
17/08/2023 12:00	7.8	72	6	10.1	0.0	24.7	33
17/08/2023 12:10	7.7	73	6	9.6	0.0	24.4	36
17/08/2023 12:20	7.2	79	8	9.4	0.0	24.6	36
17/08/2023 12:30	6.8	88	7	9.7	0.0	25.1	37
17/08/2023 12:40	5.6	72	12	7.6	0.0	25.6	36
17/08/2023 12:50	6.5	66	11	8.9	0.0	25.7	36
17/08/2023 13:00	6.3	77	11	8.9	0.0	26.0	34
17/08/2023 13:10	7.0	64	8	9.3	0.0	25.7	38
17/08/2023 13:20	7.4	60	8	10.0	0.0	25.2	37
17/08/2023 13:30	7.4	57	6	9.6	0.0	25.1	36
17/08/2023 13:40	7.6	61	8	9.8	0.0	25.3	35
17/08/2023 13:50	7.9	64	7	9.9	0.0	25.2	34
17/08/2023 14:00	7.6	64	8	10.0	0.0	25.4	33
17/08/2023 14:10	7.0	65	8	9.6	0.0	25.6	33
17/08/2023 14:20	6.4	62	10	8.5	0.0	26.0	33
17/08/2023 14:30	5.6	62	10	8.2	0.0	26.2	34
17/08/2023 14:40	6.7	61	9	8.9	0.0	26.0	34
17/08/2023 14:50	6.2	54	8	8.1	0.0	26.0	35
17/08/2023 15:00	6.6	53	8	8.9	0.0	26.0	33
17/08/2023 15:10	6.3	54	9	8.4	0.0	26.1	31
17/08/2023 15:20	6.5	55	8	10.1	0.0	26.2	30
17/08/2023 15:30	6.9	52	7	8.9	0.0	26.3	29
17/08/2023 15:40	6.1	53	9	7.9	0.0	26.6	27
17/08/2023 15:50	6.3	55	9	9.0	0.0	26.6	28
17/08/2023 16:00	5.8	56	9	8.0	0.0	26.6	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/08/2023 16:10	6.3	54	9	8.5	0.0	26.5	27
17/08/2023 16:20	5.8	55	9	8.0	0.0	26.6	27
17/08/2023 16:30	6.2	53	6	8.2	0.0	26.5	27
17/08/2023 16:40	6.0	55	6	7.6	0.0	26.3	27
17/08/2023 16:50	5.5	57	8	7.2	0.0	26.4	27
17/08/2023 17:00	5.5	53	6	7.0	0.0	26.3	28
17/08/2023 17:10	5.0	56	7	6.9	0.0	26.4	27
17/08/2023 17:20	4.7	54	8	6.4	0.0	26.3	27
17/08/2023 17:30	2.9	56	9	4.9	0.0	26.2	29
17/08/2023 17:40	3.4	299	54	5.8	0.0	25.6	42
17/08/2023 17:50	5.8	275	7	7.5	0.0	23.4	58
17/08/2023 18:00	4.8	279	6	6.2	0.0	23.1	57
17/08/2023 18:10	3.7	294	8	4.8	0.0	23.0	55
17/08/2023 18:20	3.6	295	6	4.6	0.0	23.0	55
17/08/2023 18:30	3.1	301	7	4.0	0.0	23.0	56
17/08/2023 18:40	3.0	291	6	4.0	0.0	22.8	57
17/08/2023 18:50	3.6	277	7	4.9	0.0	22.6	61
17/08/2023 19:00	4.2	265	5	5.3	0.0	22.1	65
17/08/2023 19:10	4.2	266	4	5.1	0.0	21.7	65
17/08/2023 19:20	4.1	264	3	4.7	0.0	21.4	65
17/08/2023 19:30	4.2	263	4	5.4	0.0	21.2	65
17/08/2023 19:40	5.0	264	3	6.0	0.0	21.1	64
17/08/2023 19:50	4.6	268	3	5.6	0.0	21.1	63
17/08/2023 20:00	4.4	266	4	5.5	0.0	21.0	62
17/08/2023 20:10	4.3	271	4	5.0	0.0	20.9	61
17/08/2023 20:20	3.9	274	4	4.5	0.0	20.7	59
17/08/2023 20:30	3.5	273	4	4.2	0.0	20.6	58
17/08/2023 20:40	3.2	273	4	3.7	0.0	20.4	58
17/08/2023 20:50	3.0	275	5	3.6	0.0	20.3	58
17/08/2023 21:00	3.2	272	5	4.2	0.0	20.3	57
17/08/2023 21:10	3.3	269	5	4.1	0.0	20.2	58
17/08/2023 21:20	2.8	271	7	3.7	0.0	20.0	60
17/08/2023 21:30	2.9	271	5	3.5	0.0	20.1	59
17/08/2023 21:40	3.2	275	6	3.9	0.0	20.2	59
17/08/2023 21:50	3.0	268	5	3.8	0.0	20.1	59
17/08/2023 22:00	2.8	262	6	4.2	0.0	20.1	57
17/08/2023 22:10	3.2	261	12	4.8	0.0	20.2	56
17/08/2023 22:20	2.7	270	10	4.1	0.0	20.0	57
17/08/2023 22:30	2.6	242	17	4.8	0.0	20.5	54
17/08/2023 22:40	2.4	261	12	3.3	0.0	21.1	51
17/08/2023 22:50	3.2	247	14	5.2	0.0	20.9	51
17/08/2023 23:00	3.3	260	12	4.5	0.0	21.0	47
17/08/2023 23:10	2.7	276	16	4.1	0.0	20.8	49
17/08/2023 23:20	2.7	280	12	3.9	0.0	20.5	51
17/08/2023 23:30	1.6	272	21	3.0	0.0	20.2	51
17/08/2023 23:40	1.0	277	48	1.9	0.0	20.0	51
17/08/2023 23:50	1.2	253	37	2.1	0.0	20.2	51
18/08/2023 00:00	0.5	242	65	1.3	0.0	20.2	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/08/2023 00:10	1.5	216	41	2.6	0.0	20.8	46
18/08/2023 00:20	1.0	144	40	2.1	0.0	20.7	46
18/08/2023 00:30	2.0	197	17	3.2	0.0	20.3	45
18/08/2023 00:40	2.7	201	12	3.5	0.0	20.1	45
18/08/2023 00:50	1.8	181	21	2.9	0.0	20.2	43
18/08/2023 01:00	2.0	188	14	2.9	0.0	20.2	41
18/08/2023 01:10	2.0	198	17	3.2	0.0	20.2	41
18/08/2023 01:20	1.6	158	45	2.8	0.0	20.2	41
18/08/2023 01:30	1.2	171	44	2.5	0.0	20.2	40
18/08/2023 01:40	0.8	202	47	2.1	0.0	20.1	40
18/08/2023 01:50	0.7	142	58	1.8	0.0	19.9	40
18/08/2023 02:00	0.8	185	37	2.1	0.0	20.0	39
18/08/2023 02:10	1.3	182	28	2.5	0.0	20.1	39
18/08/2023 02:20	2.4	146	28	4.6	0.0	21.0	37
18/08/2023 02:30	2.3	125	25	5.0	0.0	21.5	35
18/08/2023 02:40	2.3	102	16	3.8	0.0	21.0	38
18/08/2023 02:50	2.4	103	15	4.1	0.0	20.6	42
18/08/2023 03:00	2.2	106	14	3.5	0.0	20.7	43
18/08/2023 03:10	2.2	102	14	3.7	0.0	20.4	46
18/08/2023 03:20	1.9	98	15	3.5	0.0	20.0	49
18/08/2023 03:30	2.6	103	14	4.2	0.0	20.1	49
18/08/2023 03:40	2.6	104	15	4.3	0.0	20.6	47
18/08/2023 03:50	2.4	109	18	4.2	0.0	20.6	48
18/08/2023 04:00	2.9	106	15	6.0	0.0	20.7	49
18/08/2023 04:10	3.8	106	14	6.3	0.0	20.9	46
18/08/2023 04:20	4.3	106	15	6.9	0.0	21.0	46
18/08/2023 04:30	4.6	108	13	7.3	0.0	21.0	46
18/08/2023 04:40	4.4	104	11	6.9	0.0	21.0	47
18/08/2023 04:50	5.1	105	10	7.8	0.0	20.9	46
18/08/2023 05:00	4.8	106	11	7.1	0.0	20.8	47
18/08/2023 05:10	4.4	106	13	7.4	0.0	20.7	48
18/08/2023 05:20	4.5	108	12	7.2	0.0	20.6	47
18/08/2023 05:30	4.8	107	10	7.7	0.0	20.5	48
18/08/2023 05:40	4.6	107	11	6.9	0.0	20.4	47
18/08/2023 05:50	4.3	109	10	6.8	0.0	20.4	48
18/08/2023 06:00	3.8	108	13	5.6	0.0	20.1	50
18/08/2023 06:10	3.6	106	12	5.3	0.0	20.0	50
18/08/2023 06:20	4.6	108	11	7.7	0.0	20.0	48
18/08/2023 06:30	5.5	108	11	8.7	0.0	20.1	46
18/08/2023 06:40	5.3	108	11	7.6	0.0	20.1	46
18/08/2023 06:50	4.4	107	10	6.7	0.0	19.9	48
18/08/2023 07:00	5.1	103	10	7.3	0.0	20.1	46
18/08/2023 07:10	5.3	101	10	8.0	0.0	20.4	45
18/08/2023 07:20	5.8	98	9	7.8	0.0	20.5	45
18/08/2023 07:30	5.5	99	9	7.9	0.0	20.5	44
18/08/2023 07:40	6.0	105	12	8.5	0.0	20.7	42
18/08/2023 07:50	6.5	105	10	9.4	0.0	20.8	42
18/08/2023 08:00	6.5	109	10	10.1	0.0	21.0	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/08/2023 08:10	6.1	106	12	9.8	0.0	21.2	42
18/08/2023 08:20	6.6	107	12	9.9	0.0	21.3	41
18/08/2023 08:30	6.5	103	10	10.0	0.0	21.5	40
18/08/2023 08:40	6.7	108	10	9.3	0.0	21.7	40
18/08/2023 08:50	7.4	103	9	11.4	0.0	22.0	39
18/08/2023 09:00	7.5	104	11	11.7	0.0	22.3	38
18/08/2023 09:10	7.9	101	10	11.1	0.0	22.5	37
18/08/2023 09:20	7.7	102	10	11.6	0.0	22.7	36
18/08/2023 09:30	7.5	104	9	11.4	0.0	22.9	36
18/08/2023 09:40	7.7	100	10	10.6	0.0	23.2	37
18/08/2023 09:50	8.6	98	9	11.7	0.0	23.2	37
18/08/2023 10:00	8.7	96	8	12.6	0.0	23.4	36
18/08/2023 10:10	8.1	95	8	11.8	0.0	23.6	36
18/08/2023 10:20	9.1	93	8	12.5	0.0	23.5	38
18/08/2023 10:30	9.1	92	8	13.1	0.0	23.7	38
18/08/2023 10:40	9.2	94	8	13.3	0.0	23.8	38
18/08/2023 10:50	8.9	93	8	11.6	0.0	24.0	39
18/08/2023 11:00	9.7	88	5	12.9	0.0	24.1	38
18/08/2023 11:10	9.1	85	8	13.5	0.0	24.4	37
18/08/2023 11:20	10.0	85	7	12.9	0.0	24.3	37
18/08/2023 11:30	9.1	85	8	12.2	0.0	24.5	36
18/08/2023 11:40	9.6	76	8	12.2	0.0	24.3	37
18/08/2023 11:50	7.5	82	9	10.4	0.0	25.0	37
18/08/2023 12:00	8.8	75	8	12.0	0.0	24.6	39
18/08/2023 12:10	8.6	77	8	11.7	0.0	24.6	39
18/08/2023 12:20	9.2	75	7	12.1	0.0	24.4	39
18/08/2023 12:30	8.9	74	6	11.6	0.0	24.4	40
18/08/2023 12:40	9.5	74	5	12.2	0.0	24.5	38
18/08/2023 12:50	8.6	74	7	10.8	0.0	24.7	38
18/08/2023 13:00	8.4	72	6	11.8	0.0	24.8	38
18/08/2023 13:10	8.6	74	7	11.2	0.0	24.9	38
18/08/2023 13:20	8.7	73	6	11.2	0.0	25.0	37
18/08/2023 13:30	8.6	76	6	11.3	0.0	25.1	35
18/08/2023 13:40	8.4	79	7	11.0	0.0	25.3	34
18/08/2023 13:50	8.7	78	8	11.6	0.0	25.4	34
18/08/2023 14:00	7.8	79	8	10.8	0.0	25.6	34
18/08/2023 14:10	7.1	86	8	10.9	0.0	26.1	34
18/08/2023 14:20	6.4	77	11	9.2	0.0	26.4	36
18/08/2023 14:30	5.4	75	10	7.6	0.0	26.3	37
18/08/2023 14:40	5.6	74	10	7.8	0.0	26.4	35
18/08/2023 14:50	5.9	79	8	8.6	0.0	26.5	33
18/08/2023 15:00	5.9	82	11	7.8	0.0	26.6	33
18/08/2023 15:10	6.8	85	8	9.5	0.0	26.5	32
18/08/2023 15:20	6.3	83	10	8.5	0.0	26.5	34
18/08/2023 15:30	5.8	67	10	8.3	0.0	26.4	37
18/08/2023 15:40	6.0	62	7	7.5	0.0	26.2	38
18/08/2023 15:50	5.2	62	9	7.4	0.0	26.4	37
18/08/2023 16:00	5.8	59	7	7.2	0.0	26.1	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/08/2023 16:10	4.9	66	9	6.5	0.0	26.3	37
18/08/2023 16:20	4.0	76	11	5.8	0.0	26.7	38
18/08/2023 16:30	3.9	67	11	5.4	0.0	26.2	45
18/08/2023 16:40	3.4	93	12	4.9	0.0	25.9	42
18/08/2023 16:50	3.0	82	11	4.3	0.0	25.9	44
18/08/2023 17:00	3.5	46	13	5.0	0.0	25.7	43
18/08/2023 17:10	3.6	20	15	5.4	0.0	26.7	34
18/08/2023 17:20	2.9	30	19	4.4	0.0	26.4	37
18/08/2023 17:30	3.1	22	14	5.0	0.0	25.8	41
18/08/2023 17:40	4.5	353	7	5.6	0.0	24.7	53
18/08/2023 17:50	3.7	176	8	4.9	0.0	24.3	54
18/08/2023 18:00	4.2	180	8	5.3	0.0	24.0	52
18/08/2023 18:10	3.9	354	9	5.3	0.0	23.9	50
18/08/2023 18:20	3.4	180	10	4.9	0.0	23.6	53
18/08/2023 18:30	4.4	358	8	5.6	0.0	23.4	56
18/08/2023 18:40	3.7	178	8	5.1	0.0	23.3	56
18/08/2023 18:50	2.8	356	12	4.1	0.0	23.2	60
18/08/2023 19:00	2.6	352	12	4.2	0.0	22.9	63
18/08/2023 19:10	3.3	352	10	4.8	0.0	22.9	60
18/08/2023 19:20	3.5	355	9	4.7	0.0	23.1	57
18/08/2023 19:30	1.8	44	27	3.5	0.0	23.1	56
18/08/2023 19:40	1.0	63	46	2.3	0.0	22.9	58
18/08/2023 19:50	4.1	176	9	5.9	0.0	23.1	56
18/08/2023 20:00	2.6	354	12	4.2	0.0	23.1	56
18/08/2023 20:10	0.9	113	45	2.0	0.0	22.9	58
18/08/2023 20:20	0.5	131	38	1.0	0.0	22.8	58
18/08/2023 20:30	0.6	126	20	1.0	0.0	22.7	58
18/08/2023 20:40	0.9	131	13	1.2	0.0	22.8	58
18/08/2023 20:50	0.7	77	14	1.0	0.0	22.8	59
18/08/2023 21:00	0.6	68	10	0.9	0.0	22.4	60
18/08/2023 21:10	0.6	55	5	0.8	0.0	22.2	61
18/08/2023 21:20	0.6	66	12	0.8	0.0	21.9	61
18/08/2023 21:30	0.8	85	15	1.3	0.0	21.8	62
18/08/2023 21:40	0.8	44	10	1.0	0.0	22.0	61
18/08/2023 21:50	0.8	34	14	1.4	0.0	22.1	60
18/08/2023 22:00	1.1	82	19	1.6	0.0	22.1	59
18/08/2023 22:10	0.7	186	37	1.2	0.0	22.2	59
18/08/2023 22:20	0.6	179	25	1.4	0.0	21.7	62
18/08/2023 22:30	0.9	48	11	1.3	0.0	21.4	66
18/08/2023 22:40	1.2	55	8	1.8	0.0	21.4	70
18/08/2023 22:50	1.5	74	6	1.9	0.0	21.4	71
18/08/2023 23:00	1.5	101	22	2.6	0.0	21.2	71
18/08/2023 23:10	2.3	134	12	3.5	0.0	21.8	70
18/08/2023 23:20	2.3	130	15	3.9	0.0	21.7	71
18/08/2023 23:30	2.4	108	15	3.6	0.0	21.4	71
18/08/2023 23:40	2.3	112	16	3.8	0.0	21.2	72
18/08/2023 23:50	2.0	122	19	3.8	0.0	21.2	72
19/08/2023 00:00	2.2	116	18	3.4	0.0	21.3	72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/08/2023 00:10	2.0	112	20	3.7	0.0	21.3	71
19/08/2023 00:20	1.8	108	18	3.3	0.0	21.3	71
19/08/2023 00:30	1.9	109	16	3.2	0.0	21.2	71
19/08/2023 00:40	1.8	115	18	3.1	0.0	21.1	71
19/08/2023 00:50	1.9	121	22	3.8	0.0	21.1	71
19/08/2023 01:00	2.3	111	20	4.0	0.0	21.2	71
19/08/2023 01:10	2.7	105	11	4.0	0.0	21.1	72
19/08/2023 01:20	3.2	104	11	4.6	0.0	21.0	71
19/08/2023 01:30	3.0	104	12	4.6	0.0	21.0	71
19/08/2023 01:40	4.3	107	11	6.9	0.0	21.4	64
19/08/2023 01:50	4.5	107	10	6.6	0.0	22.0	56
19/08/2023 02:00	4.3	106	10	6.4	0.0	21.9	53
19/08/2023 02:10	4.6	108	11	6.7	0.0	21.8	49
19/08/2023 02:20	4.7	107	10	7.4	0.0	21.9	42
19/08/2023 02:30	5.0	108	10	7.3	0.0	21.9	39
19/08/2023 02:40	5.0	107	10	7.3	0.0	21.8	39
19/08/2023 02:50	4.8	106	10	6.9	0.0	21.7	37
19/08/2023 03:00	4.7	105	10	6.8	0.0	21.7	36
19/08/2023 03:10	4.7	108	9	7.0	0.0	21.7	36
19/08/2023 03:20	5.5	106	10	8.6	0.0	21.8	35
19/08/2023 03:30	5.9	106	10	8.9	0.0	21.9	33
19/08/2023 03:40	6.0	107	11	9.5	0.0	22.0	31
19/08/2023 03:50	5.7	105	10	8.7	0.0	22.0	34
19/08/2023 04:00	5.4	105	10	8.5	0.0	21.9	32
19/08/2023 04:10	5.5	104	11	7.6	0.0	21.8	33
19/08/2023 04:20	5.2	106	12	7.6	0.0	21.6	35
19/08/2023 04:30	5.3	106	10	7.9	0.0	21.5	36
19/08/2023 04:40	5.5	105	10	7.5	0.0	21.5	36
19/08/2023 04:50	5.5	104	11	8.1	0.0	21.6	36
19/08/2023 05:00	5.2	106	9	7.6	0.0	21.6	36
19/08/2023 05:10	5.0	106	10	7.0	0.0	21.5	37
19/08/2023 05:20	5.0	105	11	7.5	0.0	21.5	36
19/08/2023 05:30	5.2	107	11	7.4	0.0	21.6	34
19/08/2023 05:40	4.6	106	10	6.9	0.0	21.5	35
19/08/2023 05:50	4.5	107	12	6.4	0.0	21.5	36
19/08/2023 06:00	4.8	104	10	7.4	0.0	21.4	37
19/08/2023 06:10	4.8	109	10	7.6	0.0	21.5	36
19/08/2023 06:20	4.6	109	12	6.9	0.0	21.4	36
19/08/2023 06:30	4.2	106	10	6.1	0.0	21.2	39
19/08/2023 06:40	3.9	109	11	6.4	0.0	21.0	38
19/08/2023 06:50	4.1	107	11	6.6	0.0	21.0	37
19/08/2023 07:00	3.3	109	14	5.0	0.0	21.0	37
19/08/2023 07:10	3.1	106	16	5.5	0.0	21.2	36
19/08/2023 07:20	3.7	107	14	6.0	0.0	21.5	36
19/08/2023 07:30	4.3	106	11	6.0	0.0	21.6	36
19/08/2023 07:40	4.6	108	11	7.2	0.0	21.7	35
19/08/2023 07:50	4.6	108	11	7.1	0.0	21.6	35
19/08/2023 08:00	4.8	107	10	6.6	0.0	22.2	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/08/2023 08:10	4.8	108	12	7.1	0.0	22.7	32
19/08/2023 08:20	5.0	107	11	7.5	0.0	22.9	31
19/08/2023 08:30	5.0	107	11	8.1	0.0	23.2	31
19/08/2023 08:40	5.5	105	12	8.2	0.0	23.3	31
19/08/2023 08:50	5.2	103	10	7.5	0.0	23.7	30
19/08/2023 09:00	4.9	108	12	7.2	0.0	24.1	30
19/08/2023 09:10	5.3	103	11	7.9	0.0	24.3	29
19/08/2023 09:20	5.9	99	9	8.4	0.0	24.6	28
19/08/2023 09:30	5.8	100	10	9.0	0.0	24.8	28
19/08/2023 09:40	6.0	94	8	8.4	0.0	25.1	30
19/08/2023 09:50	6.2	94	9	8.8	0.0	25.3	33
19/08/2023 10:00	6.8	93	8	8.9	0.0	25.3	31
19/08/2023 10:10	6.7	90	7	9.2	0.0	25.6	29
19/08/2023 10:20	6.5	91	8	8.7	0.0	25.8	30
19/08/2023 10:30	6.6	78	10	9.1	0.0	25.8	31
19/08/2023 10:40	7.2	87	8	9.5	0.0	25.9	29
19/08/2023 10:50	7.4	85	7	10.8	0.0	25.5	30
19/08/2023 11:00	7.9	86	6	10.3	0.0	25.8	29
19/08/2023 11:10	6.7	87	8	9.8	0.0	25.8	30
19/08/2023 11:20	6.1	89	8	8.5	0.0	25.8	30
19/08/2023 11:30	6.0	89	8	8.6	0.0	25.7	31
19/08/2023 11:40	5.4	88	10	7.5	0.0	26.3	31
19/08/2023 11:50	6.4	89	9	8.7	0.0	26.6	31
19/08/2023 12:00	6.3	74	7	8.1	0.0	26.1	35
19/08/2023 12:10	6.3	74	6	8.3	0.0	26.2	33
19/08/2023 12:20	6.0	76	7	8.2	0.0	26.3	33
19/08/2023 12:30	7.0	76	7	8.6	0.0	26.5	31
19/08/2023 12:40	6.5	79	9	8.7	0.0	27.0	31
19/08/2023 12:50	7.4	78	6	9.6	0.0	26.7	29
19/08/2023 13:00	6.2	82	8	7.9	0.0	27.0	30
19/08/2023 13:10	7.0	77	6	9.9	0.0	27.2	27
19/08/2023 13:20	6.8	76	5	8.5	0.0	27.1	27
19/08/2023 13:30	6.7	84	6	8.9	0.0	27.6	25
19/08/2023 13:40	6.3	79	8	8.1	0.0	27.6	26
19/08/2023 13:50	5.5	72	10	7.9	0.0	28.2	27
19/08/2023 14:00	5.8	77	8	8.0	0.0	28.2	25
19/08/2023 14:10	5.6	69	10	7.9	0.0	27.7	27
19/08/2023 14:20	5.8	62	8	8.1	0.0	27.2	30
19/08/2023 14:30	6.2	57	8	8.3	0.0	27.6	29
19/08/2023 14:40	6.2	64	9	8.1	0.0	28.3	27
19/08/2023 14:50	6.1	65	7	8.2	0.0	27.9	26
19/08/2023 15:00	6.0	66	8	7.7	0.0	28.0	26
19/08/2023 15:10	5.7	59	9	7.6	0.0	27.8	26
19/08/2023 15:20	5.9	58	8	7.6	0.0	28.0	23
19/08/2023 15:30	5.1	60	8	7.3	0.0	28.2	22
19/08/2023 15:40	5.7	58	6	8.0	0.0	27.9	22
19/08/2023 15:50	5.5	63	9	7.3	0.0	28.3	23
19/08/2023 16:00	5.5	61	8	7.6	0.0	28.5	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/08/2023 16:10	5.6	56	8	7.5	0.0	28.8	23
19/08/2023 16:20	5.7	56	8	7.5	0.0	28.6	23
19/08/2023 16:30	5.5	53	7	7.6	0.0	28.8	24
19/08/2023 16:40	6.2	58	6	8.0	0.0	28.9	24
19/08/2023 16:50	5.3	54	7	7.3	0.0	28.7	25
19/08/2023 17:00	4.4	60	8	6.2	0.0	28.4	26
19/08/2023 17:10	4.3	62	7	5.9	0.0	28.5	26
19/08/2023 17:20	3.8	57	7	4.9	0.0	28.0	28
19/08/2023 17:30	2.7	50	9	3.7	0.0	27.9	29
19/08/2023 17:40	2.2	56	7	3.0	0.0	28.1	29
19/08/2023 17:50	2.3	57	5	3.0	0.0	27.6	31
19/08/2023 18:00	2.6	48	4	3.2	0.0	26.6	34
19/08/2023 18:10	2.2	34	8	3.0	0.0	26.4	32
19/08/2023 18:20	1.8	39	9	2.8	0.0	26.4	30
19/08/2023 18:30	1.8	48	7	2.4	0.0	26.0	31
19/08/2023 18:40	2.3	48	4	2.6	0.0	25.7	32
19/08/2023 18:50	2.7	48	2	3.0	0.0	25.5	32
19/08/2023 19:00	2.6	48	3	2.9	0.0	25.5	32
19/08/2023 19:10	1.9	53	5	2.3	0.0	25.5	33
19/08/2023 19:20	1.5	61	7	1.9	0.0	25.4	34
19/08/2023 19:30	0.9	74	19	1.4	0.0	25.4	34
19/08/2023 19:40	0.9	237	16	1.4	0.0	25.5	34
19/08/2023 19:50	1.3	262	6	1.9	0.0	25.6	34
19/08/2023 20:00	0.4	171	27	0.9	0.0	25.7	33
19/08/2023 20:10	0.5	68	24	1.3	0.0	25.9	31
19/08/2023 20:20	0.3	238	47	0.5	0.0	25.4	32
19/08/2023 20:30	0.4	247	10	0.6	0.0	25.1	34
19/08/2023 20:40	0.4	194	33	0.7	0.0	24.7	34
19/08/2023 20:50	1.1	68	7	1.3	0.0	24.5	34
19/08/2023 21:00	1.5	62	4	1.8	0.0	24.2	36
19/08/2023 21:10	2.0	44	5	2.7	0.0	23.7	36
19/08/2023 21:20	2.4	42	5	3.1	0.0	24.1	35
19/08/2023 21:30	2.7	43	4	3.2	0.0	24.8	33
19/08/2023 21:40	1.4	66	23	2.1	0.0	24.5	33
19/08/2023 21:50	0.7	137	24	1.2	0.0	24.3	38
19/08/2023 22:00	0.4	153	27	0.7	0.0	23.8	42
19/08/2023 22:10	0.4	55	9	0.5	0.0	24.0	39
19/08/2023 22:20	0.3	45	17	0.4	0.0	24.5	36
19/08/2023 22:30	0.4	162	17	0.7	0.0	24.0	37
19/08/2023 22:40	0.8	219	17	1.3	0.0	23.7	37
19/08/2023 22:50	3.1	264	6	4.0	0.0	23.7	36
19/08/2023 23:00	3.0	266	12	4.1	0.0	23.3	42
19/08/2023 23:10	3.2	272	7	4.6	0.0	23.2	45
19/08/2023 23:20	2.7	270	9	3.7	0.0	23.2	44
19/08/2023 23:30	2.1	270	11	3.2	0.0	23.2	41
19/08/2023 23:40	2.2	263	11	3.2	0.0	23.3	39
19/08/2023 23:50	2.3	259	11	3.4	0.0	23.6	38
20/08/2023 00:00	1.9	269	12	2.4	0.0	23.4	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/08/2023 00:10	2.0	280	10	3.0	0.0	23.5	37
20/08/2023 00:20	1.9	278	10	2.4	0.0	23.7	36
20/08/2023 00:30	1.7	271	12	2.1	0.0	23.9	36
20/08/2023 00:40	1.4	256	18	2.0	0.0	24.0	36
20/08/2023 00:50	1.4	230	19	2.4	0.0	23.7	36
20/08/2023 01:00	0.9	220	33	1.6	0.0	23.7	36
20/08/2023 01:10	1.6	234	36	4.5	0.0	23.9	35
20/08/2023 01:20	2.9	224	11	4.6	0.0	24.0	36
20/08/2023 01:30	2.7	226	13	5.0	0.0	24.1	35
20/08/2023 01:40	3.1	218	13	4.9	0.0	24.4	34
20/08/2023 01:50	2.9	238	21	4.7	0.0	24.5	34
20/08/2023 02:00	1.4	267	30	2.7	0.0	23.4	36
20/08/2023 02:10	2.1	256	29	3.8	0.0	23.6	36
20/08/2023 02:20	3.4	226	17	5.5	0.0	24.6	34
20/08/2023 02:30	3.5	218	10	5.1	0.0	24.9	32
20/08/2023 02:40	3.7	216	9	5.8	0.0	24.8	32
20/08/2023 02:50	3.7	216	11	5.2	0.0	24.8	32
20/08/2023 03:00	3.6	221	13	5.5	0.0	24.7	32
20/08/2023 03:10	4.1	226	11	6.1	0.0	24.9	32
20/08/2023 03:20	3.7	209	10	5.2	0.0	24.6	31
20/08/2023 03:30	4.6	206	8	6.4	0.0	24.4	32
20/08/2023 03:40	5.1	206	8	7.5	0.0	24.6	31
20/08/2023 03:50	5.4	205	8	7.3	0.0	24.6	31
20/08/2023 04:00	5.3	211	8	7.6	0.0	24.3	32
20/08/2023 04:10	5.7	212	10	8.4	0.0	24.1	33
20/08/2023 04:20	5.6	214	9	8.4	0.0	24.0	33
20/08/2023 04:30	5.1	214	9	6.9	0.0	23.6	34
20/08/2023 04:40	5.4	212	9	7.7	0.0	23.6	34
20/08/2023 04:50	5.8	212	9	8.4	0.0	23.6	34
20/08/2023 05:00	5.2	210	9	7.9	0.0	23.5	34
20/08/2023 05:10	4.5	210	10	6.7	0.0	23.2	35
20/08/2023 05:20	4.7	208	9	6.4	0.0	23.2	34
20/08/2023 05:30	4.6	203	11	6.8	0.0	23.4	33
20/08/2023 05:40	5.4	198	10	8.0	0.0	23.7	32
20/08/2023 05:50	5.5	193	9	8.7	0.0	23.6	32
20/08/2023 06:00	5.2	191	10	7.7	0.0	23.3	32
20/08/2023 06:10	5.3	192	9	7.8	0.0	22.9	33
20/08/2023 06:20	5.0	193	10	7.1	0.0	22.8	33
20/08/2023 06:30	5.0	195	9	7.4	0.0	22.9	32
20/08/2023 06:40	5.3	195	9	7.6	0.0	23.1	31
20/08/2023 06:50	5.4	193	9	7.9	0.0	23.3	29
20/08/2023 07:00	5.2	188	11	8.1	0.0	23.3	29
20/08/2023 07:10	4.8	185	11	8.4	0.0	23.4	29
20/08/2023 07:20	4.5	186	12	8.0	0.0	23.3	28
20/08/2023 07:30	4.4	183	11	7.1	0.0	23.3	28
20/08/2023 07:40	4.2	182	11	6.7	0.0	23.4	28
20/08/2023 07:50	4.0	180	11	6.6	0.0	23.6	28
20/08/2023 08:00	4.1	184	13	6.3	0.0	24.0	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/08/2023 08:10	4.4	181	13	7.7	0.0	24.7	26
20/08/2023 08:20	3.6	165	20	6.7	0.0	25.2	25
20/08/2023 08:30	2.6	132	21	4.3	0.0	26.0	23
20/08/2023 08:40	2.9	125	20	5.3	0.0	25.9	22
20/08/2023 08:50	2.5	103	24	4.1	0.0	25.9	25
20/08/2023 09:00	3.4	96	10	4.9	0.0	25.3	27
20/08/2023 09:10	3.4	99	10	4.8	0.0	25.2	27
20/08/2023 09:20	3.0	101	12	4.6	0.0	25.5	27
20/08/2023 09:30	3.2	104	14	4.7	0.0	25.6	27
20/08/2023 09:40	3.5	99	12	5.4	0.0	26.2	28
20/08/2023 09:50	2.9	112	13	4.4	0.0	27.0	25
20/08/2023 10:00	2.4	108	16	3.5	0.0	27.7	24
20/08/2023 10:10	3.4	105	12	5.2	0.0	27.9	23
20/08/2023 10:20	2.9	104	16	4.3	0.0	28.5	23
20/08/2023 10:30	2.8	115	16	4.9	0.0	29.2	21
20/08/2023 10:40	3.2	112	14	4.9	0.0	29.8	21
20/08/2023 10:50	2.8	117	14	4.5	0.0	30.3	20
20/08/2023 11:00	3.0	105	16	4.4	0.0	30.3	20
20/08/2023 11:10	2.7	118	16	4.3	0.0	30.7	20
20/08/2023 11:20	3.2	96	13	4.5	0.0	30.8	19
20/08/2023 11:30	3.0	97	13	4.3	0.0	31.2	18
20/08/2023 11:40	3.3	97	16	4.5	0.0	31.5	18
20/08/2023 11:50	2.7	98	13	3.9	0.0	31.8	17
20/08/2023 12:00	2.9	123	24	4.1	0.0	32.1	17
20/08/2023 12:10	3.2	87	12	4.7	0.0	32.0	17
20/08/2023 12:20	2.9	102	17	4.1	0.0	32.2	17
20/08/2023 12:30	3.2	86	14	5.0	0.0	32.5	17
20/08/2023 12:40	3.4	105	17	5.1	0.0	33.0	17
20/08/2023 12:50	3.0	102	17	4.8	0.0	32.8	17
20/08/2023 13:00	3.4	74	19	4.9	0.0	32.8	18
20/08/2023 13:10	3.8	58	12	5.2	0.0	32.3	18
20/08/2023 13:20	3.7	51	12	5.0	0.0	32.4	19
20/08/2023 13:30	4.4	49	8	5.8	0.0	32.3	19
20/08/2023 13:40	4.6	49	8	5.7	0.0	31.6	19
20/08/2023 13:50	4.2	46	11	5.5	0.0	31.9	19
20/08/2023 14:00	3.8	41	12	5.1	0.0	32.4	19
20/08/2023 14:10	3.7	55	11	5.5	0.0	32.8	19
20/08/2023 14:20	3.7	65	10	4.9	0.0	32.8	19
20/08/2023 14:30	3.2	61	15	4.8	0.0	32.7	20
20/08/2023 14:40	4.0	54	13	5.5	0.0	32.6	20
20/08/2023 14:50	3.7	55	12	5.3	0.0	32.7	21
20/08/2023 15:00	3.8	28	14	5.5	0.0	32.9	21
20/08/2023 15:10	4.4	180	11	5.5	0.0	32.6	21
20/08/2023 15:20	3.9	351	11	5.0	0.0	32.3	22
20/08/2023 15:30	4.2	15	14	5.6	0.0	32.5	23
20/08/2023 15:40	3.9	183	15	5.3	0.0	32.1	23
20/08/2023 15:50	4.0	337	10	5.0	0.0	32.3	22
20/08/2023 16:00	3.4	336	11	4.8	0.0	31.6	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/08/2023 16:10	4.0	172	12	5.5	0.0	31.2	26
20/08/2023 16:20	4.6	15	9	5.7	0.0	31.0	27
20/08/2023 16:30	4.2	181	9	5.5	0.0	31.3	25
20/08/2023 16:40	4.0	337	10	5.2	0.0	31.2	25
20/08/2023 16:50	3.7	329	9	5.1	0.0	30.5	31
20/08/2023 17:00	4.5	324	6	6.0	0.0	29.3	34
20/08/2023 17:10	5.0	325	6	6.4	0.0	29.2	31
20/08/2023 17:20	4.0	293	11	6.0	0.0	29.1	35
20/08/2023 17:30	4.2	277	7	5.7	0.0	28.3	43
20/08/2023 17:40	3.9	280	10	5.3	0.0	27.7	45
20/08/2023 17:50	3.1	267	8	4.4	0.0	26.7	53
20/08/2023 18:00	3.3	270	6	4.7	0.0	26.1	54
20/08/2023 18:10	2.3	265	8	3.8	0.0	26.0	53
20/08/2023 18:20	2.0	263	11	3.3	0.0	26.1	50
20/08/2023 18:30	1.6	266	12	3.0	0.0	26.0	51
20/08/2023 18:40	3.1	284	6	4.3	0.0	26.2	39
20/08/2023 18:50	3.3	270	7	4.3	0.0	26.2	41
20/08/2023 19:00	3.5	260	5	4.4	0.0	25.5	47
20/08/2023 19:10	3.2	268	4	3.9	0.0	25.5	44
20/08/2023 19:20	3.6	272	5	4.9	0.0	25.9	37
20/08/2023 19:30	3.6	274	5	4.9	0.0	26.0	35
20/08/2023 19:40	3.4	271	5	4.4	0.0	25.7	38
20/08/2023 19:50	3.4	266	4	4.1	0.0	25.0	42
20/08/2023 20:00	3.3	264	4	3.8	0.0	24.7	46
20/08/2023 20:10	3.4	270	3	3.9	0.0	24.5	46
20/08/2023 20:20	3.0	272	4	3.7	0.0	24.3	46
20/08/2023 20:30	2.6	272	4	3.3	0.0	24.4	43
20/08/2023 20:40	3.0	269	5	3.6	0.0	24.7	41
20/08/2023 20:50	3.4	267	4	4.3	0.0	24.5	45
20/08/2023 21:00	3.8	271	5	4.6	0.0	24.5	48
20/08/2023 21:10	3.5	266	6	4.5	0.0	24.4	52
20/08/2023 21:20	3.3	259	4	4.1	0.0	24.0	57
20/08/2023 21:30	3.3	265	2	3.9	0.0	23.7	59
20/08/2023 21:40	3.4	271	3	3.8	0.0	23.5	61
20/08/2023 21:50	3.9	270	4	4.5	0.0	23.4	63
20/08/2023 22:00	3.9	271	2	4.6	0.0	23.4	64
20/08/2023 22:10	3.4	270	3	4.0	0.0	23.0	66
20/08/2023 22:20	3.3	266	2	3.6	0.0	22.7	68
20/08/2023 22:30	3.2	272	3	3.6	0.0	22.6	68
20/08/2023 22:40	3.2	273	3	3.9	0.0	22.5	69
20/08/2023 22:50	3.0	270	6	3.9	0.0	22.8	65
20/08/2023 23:00	2.2	254	13	3.1	0.0	23.0	58
20/08/2023 23:10	2.7	227	15	4.4	0.0	24.3	45
20/08/2023 23:20	3.7	213	7	5.1	0.0	25.6	35
20/08/2023 23:30	3.3	209	8	4.4	0.0	25.5	33
20/08/2023 23:40	3.3	207	7	4.4	0.0	25.5	31
20/08/2023 23:50	2.7	206	6	3.3	0.0	24.8	33
21/08/2023 00:00	3.0	194	9	4.8	0.0	24.6	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/08/2023 00:10	4.0	195	9	5.7	0.0	25.2	28
21/08/2023 00:20	4.3	193	9	6.0	0.0	25.3	27
21/08/2023 00:30	4.0	196	8	5.2	0.0	25.0	28
21/08/2023 00:40	3.6	201	8	5.3	0.0	24.9	28
21/08/2023 00:50	4.2	199	8	6.6	0.0	24.9	26
21/08/2023 01:00	4.2	200	8	6.2	0.0	25.0	25
21/08/2023 01:10	4.1	197	9	5.8	0.0	24.9	24
21/08/2023 01:20	4.0	186	10	5.7	0.0	24.8	24
21/08/2023 01:30	3.7	182	9	5.5	0.0	24.5	24
21/08/2023 01:40	4.3	178	9	5.4	0.0	24.5	24
21/08/2023 01:50	4.3	181	10	5.8	0.0	24.4	23
21/08/2023 02:00	3.7	183	9	5.6	0.0	24.2	23
21/08/2023 02:10	4.5	179	9	6.1	0.0	24.1	23
21/08/2023 02:20	4.4	180	9	5.9	0.0	24.1	23
21/08/2023 02:30	3.8	185	10	5.8	0.0	23.7	22
21/08/2023 02:40	3.7	185	11	5.4	0.0	23.7	22
21/08/2023 02:50	3.7	183	10	5.6	0.0	24.0	21
21/08/2023 03:00	4.3	185	10	6.7	0.0	24.1	20
21/08/2023 03:10	4.5	179	11	6.3	0.0	24.1	21
21/08/2023 03:20	4.7	176	9	6.3	0.0	23.8	22
21/08/2023 03:30	4.4	178	8	6.1	0.0	23.5	22
21/08/2023 03:40	3.6	183	9	5.2	0.0	22.9	21
21/08/2023 03:50	4.2	180	9	6.5	0.0	23.1	21
21/08/2023 04:00	4.6	178	8	6.5	0.0	23.6	21
21/08/2023 04:10	4.6	180	9	6.2	0.0	23.4	21
21/08/2023 04:20	4.2	181	9	6.0	0.0	23.4	21
21/08/2023 04:30	4.3	178	6	5.8	0.0	23.1	21
21/08/2023 04:40	4.8	177	8	6.3	0.0	23.1	21
21/08/2023 04:50	4.1	179	8	5.7	0.0	22.9	21
21/08/2023 05:00	4.4	178	9	6.2	0.0	22.8	21
21/08/2023 05:10	4.1	178	9	5.9	0.0	22.6	21
21/08/2023 05:20	4.0	184	11	6.2	0.0	22.5	21
21/08/2023 05:30	4.1	186	11	6.1	0.0	22.5	21
21/08/2023 05:40	4.3	184	9	6.3	0.0	22.6	21
21/08/2023 05:50	4.2	186	10	6.0	0.0	22.5	21
21/08/2023 06:00	4.3	192	10	6.7	0.0	22.2	21
21/08/2023 06:10	5.4	198	9	7.8	0.0	22.5	21
21/08/2023 06:20	6.2	200	9	9.3	0.0	23.0	20
21/08/2023 06:30	6.6	199	9	9.5	0.0	23.2	19
21/08/2023 06:40	6.1	199	9	9.0	0.0	23.1	19
21/08/2023 06:50	6.6	200	9	9.5	0.0	23.4	19
21/08/2023 07:00	6.4	204	8	8.9	0.0	23.6	19
21/08/2023 07:10	6.2	205	8	8.6	0.0	24.0	19
21/08/2023 07:20	6.3	207	9	8.4	0.0	24.3	19
21/08/2023 07:30	6.3	207	9	9.1	0.0	24.3	19
21/08/2023 07:40	6.3	210	9	9.0	0.0	24.8	18
21/08/2023 07:50	6.7	212	9	10.1	0.0	25.2	18
21/08/2023 08:00	6.3	216	9	9.8	0.0	25.6	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/08/2023 08:10	5.5	221	9	7.4	0.0	26.0	21
21/08/2023 08:20	5.6	225	9	7.6	0.0	26.2	24
21/08/2023 08:30	5.9	229	8	8.3	0.0	26.4	24
21/08/2023 08:40	6.3	228	7	9.2	0.0	26.8	23
21/08/2023 08:50	6.8	224	7	9.2	0.0	27.1	24
21/08/2023 09:00	5.1	228	10	7.6	0.0	27.8	22
21/08/2023 09:10	5.5	248	10	7.4	0.0	28.8	19
21/08/2023 09:20	4.9	244	12	7.1	0.0	29.4	19
21/08/2023 09:30	5.8	243	9	8.1	0.0	29.4	18
21/08/2023 09:40	4.5	264	13	6.8	0.0	29.6	18
21/08/2023 09:50	5.9	258	13	8.5	0.0	29.7	18
21/08/2023 10:00	6.2	260	9	7.7	0.0	29.6	18
21/08/2023 10:10	6.0	266	8	8.3	0.0	29.6	18
21/08/2023 10:20	5.7	132	7	7.4	0.0	29.7	18
21/08/2023 10:30	5.8	274	11	7.9	0.0	29.6	17
21/08/2023 10:40	4.9	275	11	6.9	0.0	29.9	17
21/08/2023 10:50	4.7	277	12	6.5	0.0	29.8	17
21/08/2023 11:00	5.2	284	8	6.6	0.0	29.8	17
21/08/2023 11:10	4.8	282	13	6.6	0.0	29.8	17
21/08/2023 11:20	4.5	275	12	6.9	0.0	29.9	16
21/08/2023 11:30	5.0	285	11	6.7	0.0	30.4	17
21/08/2023 11:40	4.6	272	13	6.8	0.0	30.3	17
21/08/2023 11:50	4.6	285	14	6.9	0.0	30.7	16
21/08/2023 12:00	4.7	299	12	6.8	0.0	30.1	17
21/08/2023 12:10	4.6	321	17	6.9	0.0	30.0	21
21/08/2023 12:20	5.0	346	9	7.0	0.0	29.4	25
21/08/2023 12:30	5.4	354	10	7.1	0.0	29.1	31
21/08/2023 12:40	4.9	178	10	6.4	0.0	28.5	31
21/08/2023 12:50	4.9	355	12	6.8	0.0	28.7	30
21/08/2023 13:00	4.9	356	10	6.7	0.0	28.7	29
21/08/2023 13:10	5.1	356	10	6.7	0.0	28.5	29
21/08/2023 13:20	4.9	344	12	6.5	0.0	28.3	30
21/08/2023 13:30	5.3	345	10	6.9	0.0	27.9	34
21/08/2023 13:40	5.6	347	9	7.3	0.0	27.4	35
21/08/2023 13:50	5.9	347	9	7.7	0.0	27.1	35
21/08/2023 14:00	5.7	353	11	7.5	0.0	27.3	36
21/08/2023 14:10	5.4	344	13	7.5	0.0	27.4	35
21/08/2023 14:20	5.7	347	8	7.1	0.0	27.2	35
21/08/2023 14:30	5.8	343	10	7.8	0.0	27.3	35
21/08/2023 14:40	5.7	358	7	7.4	0.0	27.2	34
21/08/2023 14:50	5.2	344	12	7.4	0.0	27.4	36
21/08/2023 15:00	5.4	335	10	7.2	0.0	27.2	34
21/08/2023 15:10	5.7	347	11	7.2	0.0	27.0	36
21/08/2023 15:20	5.6	344	11	7.1	0.0	26.7	38
21/08/2023 15:30	5.5	346	9	7.2	0.0	26.7	36
21/08/2023 15:40	5.1	346	11	7.1	0.0	26.8	38
21/08/2023 15:50	5.2	343	8	6.6	0.0	26.7	40
21/08/2023 16:00	5.5	349	6	6.8	0.0	26.6	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/08/2023 16:10	4.7	340	8	6.0	0.0	26.4	41
21/08/2023 16:20	4.6	338	9	6.4	0.0	26.5	42
21/08/2023 16:30	4.8	335	9	6.1	0.0	26.2	43
21/08/2023 16:40	4.2	343	9	5.7	0.0	26.5	42
21/08/2023 16:50	4.1	330	8	5.6	0.0	26.3	44
21/08/2023 17:00	4.7	327	7	5.8	0.0	26.0	46
21/08/2023 17:10	4.2	330	8	5.9	0.0	25.8	47
21/08/2023 17:20	4.2	332	7	5.7	0.0	25.6	51
21/08/2023 17:30	3.9	338	9	5.5	0.0	25.3	53
21/08/2023 17:40	4.6	341	7	6.2	0.0	25.1	51
21/08/2023 17:50	4.7	345	6	6.1	0.0	24.6	54
21/08/2023 18:00	4.6	342	6	5.7	0.0	24.3	56
21/08/2023 18:10	4.3	342	6	5.4	0.0	24.2	59
21/08/2023 18:20	4.0	334	7	5.1	0.0	23.9	62
21/08/2023 18:30	3.3	332	8	4.7	0.0	23.8	62
21/08/2023 18:40	3.6	331	8	5.3	0.0	23.7	64
21/08/2023 18:50	3.3	322	9	4.7	0.0	23.4	67
21/08/2023 19:00	2.8	276	15	4.2	0.0	23.2	67
21/08/2023 19:10	2.6	262	8	3.5	0.0	23.0	69
21/08/2023 19:20	2.9	267	6	3.8	0.0	22.9	70
21/08/2023 19:30	2.9	285	5	3.6	0.0	22.7	71
21/08/2023 19:40	2.2	296	6	2.8	0.0	22.5	71
21/08/2023 19:50	2.8	292	9	3.7	0.0	22.4	71
21/08/2023 20:00	2.9	302	11	3.9	0.0	22.7	70
21/08/2023 20:10	2.7	276	6	3.5	0.0	22.3	71
21/08/2023 20:20	3.1	275	6	3.9	0.0	22.3	71
21/08/2023 20:30	3.4	274	5	4.0	0.0	22.2	71
21/08/2023 20:40	3.0	275	5	3.8	0.0	22.2	71
21/08/2023 20:50	2.8	281	4	3.3	0.0	21.8	71
21/08/2023 21:00	2.9	274	4	3.4	0.0	21.7	70
21/08/2023 21:10	3.1	281	5	3.6	0.0	22.0	69
21/08/2023 21:20	2.6	290	4	3.2	0.0	22.0	71
21/08/2023 21:30	2.1	293	6	2.8	0.0	21.9	71
21/08/2023 21:40	2.0	293	7	2.7	0.0	21.7	71
21/08/2023 21:50	2.2	282	3	2.8	0.0	21.5	71
21/08/2023 22:00	2.3	294	5	2.8	0.0	21.3	71
21/08/2023 22:10	2.6	292	6	3.4	0.0	21.4	71
21/08/2023 22:20	2.5	288	4	3.2	0.0	21.3	70
21/08/2023 22:30	3.0	298	7	3.9	0.0	21.4	69
21/08/2023 22:40	3.3	299	6	4.6	0.0	21.6	70
21/08/2023 22:50	3.6	300	8	5.6	0.0	21.8	70
21/08/2023 23:00	4.0	295	7	5.4	0.0	21.8	70
21/08/2023 23:10	3.3	295	7	4.5	0.0	21.7	69
21/08/2023 23:20	3.3	294	6	4.3	0.0	21.5	68
21/08/2023 23:30	3.2	292	6	4.0	0.0	21.4	66
21/08/2023 23:40	3.2	293	6	4.1	0.0	21.3	65
21/08/2023 23:50	3.3	288	7	4.1	0.0	21.1	63
22/08/2023 00:00	2.9	288	7	3.7	0.0	21.0	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/08/2023 00:10	3.0	292	7	3.7	0.0	20.9	60
22/08/2023 00:20	2.8	286	7	3.5	0.0	20.8	58
22/08/2023 00:30	2.8	287	6	3.7	0.0	20.7	56
22/08/2023 00:40	2.3	281	5	3.0	0.0	20.6	54
22/08/2023 00:50	2.6	274	3	3.1	0.0	20.3	51
22/08/2023 01:00	3.0	274	2	3.4	0.0	20.1	48
22/08/2023 01:10	2.8	276	3	3.1	0.0	20.2	45
22/08/2023 01:20	2.6	276	4	3.1	0.0	20.1	43
22/08/2023 01:30	1.9	284	5	2.5	0.0	19.9	42
22/08/2023 01:40	2.7	291	5	3.3	0.0	20.1	42
22/08/2023 01:50	2.6	288	5	3.5	0.0	20.3	44
22/08/2023 02:00	2.3	279	4	2.8	0.0	20.1	45
22/08/2023 02:10	2.6	293	7	3.3	0.0	20.2	44
22/08/2023 02:20	2.2	286	5	2.8	0.0	20.2	45
22/08/2023 02:30	2.2	275	3	2.7	0.0	20.0	46
22/08/2023 02:40	2.0	295	8	2.5	0.0	20.0	45
22/08/2023 02:50	1.9	297	7	2.4	0.0	20.2	44
22/08/2023 03:00	1.9	293	6	2.4	0.0	20.0	45
22/08/2023 03:10	1.9	278	5	2.4	0.0	19.8	43
22/08/2023 03:20	2.0	276	3	2.3	0.0	19.9	41
22/08/2023 03:30	2.3	276	4	2.7	0.0	20.0	40
22/08/2023 03:40	2.2	279	5	2.6	0.0	19.9	39
22/08/2023 03:50	2.1	282	5	2.7	0.0	19.9	38
22/08/2023 04:00	2.3	275	4	2.7	0.0	19.9	37
22/08/2023 04:10	2.4	273	4	2.8	0.0	19.7	36
22/08/2023 04:20	2.4	270	5	3.0	0.0	19.5	36
22/08/2023 04:30	2.6	267	4	3.0	0.0	19.4	35
22/08/2023 04:40	1.0	251	18	1.7	0.0	19.3	35
22/08/2023 04:50	0.8	164	21	1.3	0.0	19.2	34
22/08/2023 05:00	1.0	323	12	1.3	0.0	19.1	34
22/08/2023 05:10	0.7	269	23	1.2	0.0	19.3	32
22/08/2023 05:20	0.6	256	12	0.8	0.0	19.2	32
22/08/2023 05:30	0.8	153	37	1.3	0.0	18.5	33
22/08/2023 05:40	0.8	50	29	1.4	0.0	18.5	32
22/08/2023 05:50	1.4	76	10	1.9	0.0	18.6	32
22/08/2023 06:00	1.4	52	6	1.7	0.0	18.4	32
22/08/2023 06:10	1.4	62	14	1.6	0.0	18.4	32
22/08/2023 06:20	1.6	47	5	1.9	0.0	18.2	31
22/08/2023 06:30	1.9	59	5	2.2	0.0	18.0	31
22/08/2023 06:40	1.7	49	7	2.1	0.0	18.1	31
22/08/2023 06:50	1.3	41	7	1.6	0.0	18.3	31
22/08/2023 07:00	1.4	47	7	1.7	0.0	18.4	30
22/08/2023 07:10	1.3	38	6	1.8	0.0	18.7	30
22/08/2023 07:20	1.7	49	8	2.1	0.0	19.1	29
22/08/2023 07:30	1.5	47	7	2.1	0.0	19.4	29
22/08/2023 07:40	2.1	59	7	2.5	0.0	19.7	30
22/08/2023 07:50	2.5	76	8	3.4	0.0	20.1	36
22/08/2023 08:00	2.0	85	8	2.7	0.0	20.9	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/08/2023 08:10	2.4	81	6	3.0	0.0	21.1	50
22/08/2023 08:20	2.2	91	9	2.8	0.0	21.5	59
22/08/2023 08:30	2.1	94	11	3.1	0.0	22.3	62
22/08/2023 08:40	2.0	92	12	2.8	0.0	22.8	62
22/08/2023 08:50	2.5	98	9	3.4	0.0	23.1	61
22/08/2023 09:00	2.3	101	13	3.5	0.0	23.5	59
22/08/2023 09:10	2.5	98	11	3.6	0.0	23.5	56
22/08/2023 09:20	2.8	99	10	3.9	0.0	23.6	52
22/08/2023 09:30	3.1	98	9	4.2	0.0	23.6	51
22/08/2023 09:40	2.5	100	16	3.7	0.0	24.0	47
22/08/2023 09:50	2.6	95	13	3.7	0.0	24.6	40
22/08/2023 10:00	2.8	88	12	3.9	0.0	25.0	38
22/08/2023 10:10	2.7	109	13	3.8	0.0	25.4	34
22/08/2023 10:20	2.5	98	15	3.5	0.0	25.9	36
22/08/2023 10:30	3.1	66	9	4.0	0.0	25.7	37
22/08/2023 10:40	2.7	82	14	3.7	0.0	25.9	36
22/08/2023 10:50	2.3	99	15	3.8	0.0	26.6	34
22/08/2023 11:00	2.4	61	14	3.4	0.0	26.7	32
22/08/2023 11:10	2.4	58	13	3.8	0.0	27.0	30
22/08/2023 11:20	2.5	62	18	4.0	0.0	27.2	30
22/08/2023 11:30	2.8	77	14	4.0	0.0	27.3	29
22/08/2023 11:40	2.4	68	13	3.8	0.0	27.6	27
22/08/2023 11:50	2.5	72	17	3.8	0.0	28.3	24
22/08/2023 12:00	2.8	62	13	4.8	0.0	28.3	23
22/08/2023 12:10	2.5	56	17	4.1	0.0	28.7	22
22/08/2023 12:20	2.8	54	16	4.3	0.0	29.0	21
22/08/2023 12:30	3.2	75	13	4.7	0.0	29.0	20
22/08/2023 12:40	3.1	84	18	5.4	0.0	29.1	20
22/08/2023 12:50	3.1	88	11	4.5	0.0	29.3	20
22/08/2023 13:00	3.0	98	17	4.6	0.0	29.6	19
22/08/2023 13:10	2.8	108	16	4.4	0.0	30.0	19
22/08/2023 13:20	3.2	94	20	4.4	0.0	29.6	21
22/08/2023 13:30	2.9	79	12	4.4	0.0	29.3	22
22/08/2023 13:40	2.2	90	27	4.1	0.0	30.1	23
22/08/2023 13:50	1.7	176	30	3.7	0.0	29.9	26
22/08/2023 14:00	2.1	188	27	3.5	0.0	30.1	26
22/08/2023 14:10	1.8	229	53	3.8	0.0	30.0	25
22/08/2023 14:20	3.3	93	35	6.0	0.0	29.8	22
22/08/2023 14:30	3.5	65	17	5.0	0.0	29.5	27
22/08/2023 14:40	3.6	69	12	5.1	0.0	29.2	27
22/08/2023 14:50	3.8	65	11	5.3	0.0	29.3	26
22/08/2023 15:00	3.4	69	15	5.1	0.0	29.1	28
22/08/2023 15:10	3.0	27	32	4.9	0.0	29.7	29
22/08/2023 15:20	2.9	172	18	4.7	0.0	29.5	32
22/08/2023 15:30	3.1	329	12	4.5	0.0	29.3	37
22/08/2023 15:40	3.4	320	6	4.4	0.0	28.6	38
22/08/2023 15:50	3.3	323	8	4.6	0.0	28.4	41
22/08/2023 16:00	3.3	329	11	4.4	0.0	28.2	39



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/08/2023 16:10	3.1	334	11	4.2	0.0	28.5	39
22/08/2023 16:20	3.4	330	9	4.1	0.0	27.8	41
22/08/2023 16:30	3.2	327	8	4.1	0.0	27.8	41
22/08/2023 16:40	3.3	335	8	4.1	0.0	27.6	43
22/08/2023 16:50	3.2	333	8	4.1	0.0	27.6	43
22/08/2023 17:00	3.2	337	8	4.0	0.0	27.3	43
22/08/2023 17:10	3.6	341	7	4.4	0.0	26.9	43
22/08/2023 17:20	3.1	338	9	4.1	0.0	26.7	44
22/08/2023 17:30	2.9	341	9	3.7	0.0	26.5	44
22/08/2023 17:40	2.9	339	6	4.1	0.0	26.2	45
22/08/2023 17:50	3.2	344	8	4.2	0.0	25.5	51
22/08/2023 18:00	2.6	182	16	3.7	0.0	25.0	52
22/08/2023 18:10	2.1	35	19	3.3	0.0	24.6	56
22/08/2023 18:20	1.8	33	15	3.1	0.0	24.4	58
22/08/2023 18:30	1.7	37	13	2.7	0.0	24.2	60
22/08/2023 18:40	1.2	37	15	2.2	0.0	24.0	61
22/08/2023 18:50	1.9	7	12	2.8	0.0	23.9	62
22/08/2023 19:00	1.6	334	20	2.6	0.0	23.8	62
22/08/2023 19:10	1.1	315	36	1.9	0.0	23.8	62
22/08/2023 19:20	1.1	176	27	1.9	0.0	23.7	62
22/08/2023 19:30	0.6	195	48	1.5	0.0	23.6	63
22/08/2023 19:40	1.1	332	24	2.2	0.0	23.6	63
22/08/2023 19:50	1.1	296	19	1.6	0.0	23.6	62
22/08/2023 20:00	1.4	311	12	1.9	0.0	23.4	63
22/08/2023 20:10	1.2	292	21	1.8	0.0	23.4	63
22/08/2023 20:20	0.8	305	38	1.8	0.0	23.2	65
22/08/2023 20:30	1.6	296	18	2.7	0.0	23.1	65
22/08/2023 20:40	0.9	266	39	1.9	0.0	23.0	65
22/08/2023 20:50	1.7	278	15	2.5	0.0	22.8	65
22/08/2023 21:00	1.6	253	10	2.2	0.0	22.8	65
22/08/2023 21:10	1.8	263	10	2.3	0.0	22.5	64
22/08/2023 21:20	1.7	252	6	2.1	0.0	22.3	64
22/08/2023 21:30	2.1	248	3	2.5	0.0	22.1	62
22/08/2023 21:40	2.3	252	6	3.1	0.0	22.0	59
22/08/2023 21:50	2.5	271	9	3.4	0.0	21.8	59
22/08/2023 22:00	2.8	273	9	4.0	0.0	21.9	63
22/08/2023 22:10	3.1	275	8	4.5	0.0	21.9	63
22/08/2023 22:20	4.6	283	6	6.2	0.0	22.3	65
22/08/2023 22:30	3.7	270	6	4.9	0.0	22.4	64
22/08/2023 22:40	2.6	267	10	3.5	0.0	22.3	64
22/08/2023 22:50	3.3	301	6	4.0	0.0	22.1	65
22/08/2023 23:00	1.9	287	8	2.9	0.0	22.1	65
22/08/2023 23:10	2.8	275	4	3.3	0.0	21.6	66
22/08/2023 23:20	3.3	285	5	4.0	0.0	21.6	65
22/08/2023 23:30	3.9	285	4	4.8	0.0	21.9	65
22/08/2023 23:40	3.9	272	4	5.1	0.0	21.8	62
22/08/2023 23:50	3.4	270	5	4.4	0.0	22.0	53
23/08/2023 00:00	3.6	273	4	4.4	0.0	21.9	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/08/2023 00:10	3.2	268	6	4.2	0.0	21.9	41
23/08/2023 00:20	2.7	263	7	3.4	0.0	21.8	39
23/08/2023 00:30	3.5	278	4	4.5	0.0	21.8	38
23/08/2023 00:40	3.0	274	5	3.8	0.0	21.8	39
23/08/2023 00:50	3.4	274	3	4.0	0.0	21.4	40
23/08/2023 01:00	3.9	279	3	4.6	0.0	21.7	37
23/08/2023 01:10	3.5	280	3	4.1	0.0	21.9	34
23/08/2023 01:20	3.3	284	4	4.0	0.0	21.9	33
23/08/2023 01:30	3.0	285	5	3.7	0.0	21.9	31
23/08/2023 01:40	2.6	274	4	3.3	0.0	21.7	30
23/08/2023 01:50	2.4	276	4	2.8	0.0	21.6	30
23/08/2023 02:00	2.6	278	4	3.2	0.0	21.7	29
23/08/2023 02:10	2.5	280	4	3.2	0.0	21.7	28
23/08/2023 02:20	2.3	269	3	2.7	0.0	21.3	28
23/08/2023 02:30	3.0	263	2	3.3	0.0	20.9	28
23/08/2023 02:40	2.6	267	3	3.0	0.0	20.7	28
23/08/2023 02:50	2.3	272	3	2.6	0.0	21.0	27
23/08/2023 03:00	2.8	265	3	3.4	0.0	20.9	27
23/08/2023 03:10	3.3	263	4	4.2	0.0	20.7	27
23/08/2023 03:20	3.0	271	4	3.5	0.0	20.8	27
23/08/2023 03:30	3.0	275	4	3.6	0.0	20.9	26
23/08/2023 03:40	2.5	275	6	3.2	0.0	20.9	26
23/08/2023 03:50	2.1	272	7	2.9	0.0	20.8	26
23/08/2023 04:00	2.1	271	7	2.8	0.0	20.7	26
23/08/2023 04:10	0.7	247	23	1.3	0.0	20.7	26
23/08/2023 04:20	0.8	252	21	1.6	0.0	20.6	26
23/08/2023 04:30	1.1	274	14	2.1	0.0	20.5	26
23/08/2023 04:40	2.0	273	9	2.9	0.0	20.5	26
23/08/2023 04:50	2.0	265	10	3.5	0.0	20.4	26
23/08/2023 05:00	1.9	263	8	2.7	0.0	20.2	26
23/08/2023 05:10	2.3	270	7	2.9	0.0	20.1	26
23/08/2023 05:20	1.8	272	7	2.4	0.0	19.9	26
23/08/2023 05:30	1.7	280	7	2.4	0.0	19.9	26
23/08/2023 05:40	1.6	257	15	2.6	0.0	19.8	26
23/08/2023 05:50	1.1	262	20	1.9	0.0	19.8	26
23/08/2023 06:00	0.6	258	33	1.3	0.0	19.8	26
23/08/2023 06:10	0.9	231	17	1.7	0.0	20.0	26
23/08/2023 06:20	1.3	188	23	2.2	0.0	20.0	26
23/08/2023 06:30	1.5	202	15	2.4	0.0	19.9	26
23/08/2023 06:40	1.4	218	28	2.2	0.0	19.9	26
23/08/2023 06:50	2.3	235	18	4.0	0.0	20.5	26
23/08/2023 07:00	3.3	253	10	4.8	0.0	20.8	27
23/08/2023 07:10	2.9	235	14	5.0	0.0	21.0	27
23/08/2023 07:20	3.8	245	10	5.4	0.0	21.1	26
23/08/2023 07:30	3.6	248	11	5.6	0.0	21.1	26
23/08/2023 07:40	3.6	264	6	4.8	0.0	21.1	25
23/08/2023 07:50	2.7	259	11	3.7	0.0	21.3	25
23/08/2023 08:00	1.8	253	19	2.9	0.0	21.8	24



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/08/2023 08:10	1.9	210	22	2.8	0.0	21.9	24
23/08/2023 08:20	2.2	199	12	3.3	0.0	22.1	27
23/08/2023 08:30	2.2	195	12	3.2	0.0	22.6	39
23/08/2023 08:40	2.0	207	16	3.1	0.0	23.0	48
23/08/2023 08:50	1.9	191	14	2.7	0.0	23.2	53
23/08/2023 09:00	1.2	192	37	2.4	0.0	23.7	55
23/08/2023 09:10	1.4	187	26	2.3	0.0	24.0	58
23/08/2023 09:20	2.0	192	14	3.2	0.0	24.2	60
23/08/2023 09:30	2.5	187	9	3.4	0.0	24.3	60
23/08/2023 09:40	1.8	175	13	2.7	0.0	24.9	60
23/08/2023 09:50	2.2	154	24	3.4	0.0	25.4	59
23/08/2023 10:00	2.3	103	17	3.8	0.0	25.8	57
23/08/2023 10:10	1.4	64	21	2.4	0.0	26.3	53
23/08/2023 10:20	1.0	49	36	2.0	0.0	27.0	51
23/08/2023 10:30	1.1	131	35	2.2	0.0	28.1	48
23/08/2023 10:40	1.3	100	47	2.3	0.0	28.8	45
23/08/2023 10:50	1.2	109	42	2.3	0.0	28.9	42
23/08/2023 11:00	1.9	223	19	3.3	0.0	28.6	41
23/08/2023 11:10	2.4	253	28	4.9	0.0	29.2	38
23/08/2023 11:20	2.4	262	20	4.0	0.0	29.4	38
23/08/2023 11:30	2.8	261	22	4.7	0.0	29.2	42
23/08/2023 11:40	2.1	289	19	4.1	0.0	28.9	43
23/08/2023 11:50	1.0	223	48	2.7	0.0	29.8	42
23/08/2023 12:00	2.6	58	18	4.4	0.0	29.2	47
23/08/2023 12:10	3.8	56	14	5.2	0.0	28.9	48
23/08/2023 12:20	3.4	29	14	5.2	0.0	29.0	46
23/08/2023 12:30	3.3	181	14	4.9	0.0	29.3	44
23/08/2023 12:40	2.8	315	18	4.1	0.0	29.4	36
23/08/2023 12:50	3.1	324	18	4.7	0.0	29.6	37
23/08/2023 13:00	2.9	319	20	5.6	0.0	29.4	37
23/08/2023 13:10	2.9	313	28	4.6	0.0	29.5	37
23/08/2023 13:20	3.4	297	17	4.8	0.0	29.6	33
23/08/2023 13:30	3.0	327	22	4.8	0.0	29.2	38
23/08/2023 13:40	1.9	181	32	3.8	0.0	29.4	37
23/08/2023 13:50	2.2	338	27	3.8	0.0	29.9	35
23/08/2023 14:00	2.2	318	31	4.0	0.0	29.4	36
23/08/2023 14:10	2.4	314	23	4.0	0.0	29.4	40
23/08/2023 14:20	2.4	332	25	3.6	0.0	29.3	40
23/08/2023 14:30	2.3	327	11	4.1	0.0	29.4	39
23/08/2023 14:40	2.8	320	16	4.4	0.0	29.5	39
23/08/2023 14:50	3.0	324	18	4.6	0.0	28.8	46
23/08/2023 15:00	2.7	312	18	4.3	0.0	29.2	43
23/08/2023 15:10	2.3	312	26	4.0	0.0	29.3	40
23/08/2023 15:20	2.1	306	27	3.6	0.0	29.4	40
23/08/2023 15:30	2.4	309	25	4.4	0.0	29.4	41
23/08/2023 15:40	2.9	291	16	4.5	0.0	29.2	41
23/08/2023 15:50	3.0	307	16	4.4	0.0	28.9	42
23/08/2023 16:00	2.7	306	15	4.2	0.0	28.9	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/08/2023 16:10	2.9	326	12	4.2	0.0	28.4	51
23/08/2023 16:20	3.1	331	11	4.2	0.0	28.0	53
23/08/2023 16:30	3.2	332	11	4.4	0.0	27.8	54
23/08/2023 16:40	3.2	323	8	4.1	0.0	27.6	54
23/08/2023 16:50	3.3	308	10	4.2	0.0	27.5	54
23/08/2023 17:00	2.9	304	14	4.1	0.0	27.7	54
23/08/2023 17:10	2.7	321	13	3.8	0.0	27.3	56
23/08/2023 17:20	2.9	323	10	3.8	0.0	26.9	58
23/08/2023 17:30	2.9	322	9	3.7	0.0	26.5	59
23/08/2023 17:40	2.9	320	6	3.5	0.0	26.2	60
23/08/2023 17:50	2.9	296	8	4.1	0.0	26.0	60
23/08/2023 18:00	2.5	293	10	3.5	0.0	25.8	61
23/08/2023 18:10	2.7	292	9	3.6	0.0	25.6	62
23/08/2023 18:20	2.1	294	14	3.1	0.0	25.4	63
23/08/2023 18:30	2.2	291	13	3.5	0.0	25.3	62
23/08/2023 18:40	2.6	294	9	3.6	0.0	25.2	63
23/08/2023 18:50	3.0	289	7	4.4	0.0	24.9	64
23/08/2023 19:00	3.7	293	5	4.8	0.0	24.7	64
23/08/2023 19:10	3.3	295	6	4.2	0.0	24.6	64
23/08/2023 19:20	3.3	292	5	4.1	0.0	24.3	64
23/08/2023 19:30	2.6	283	5	3.3	0.0	24.0	65
23/08/2023 19:40	2.6	273	4	3.2	0.0	23.8	65
23/08/2023 19:50	2.4	269	6	3.3	0.0	23.7	64
23/08/2023 20:00	2.8	274	4	3.5	0.0	23.2	62
23/08/2023 20:10	3.5	276	3	4.1	0.0	23.3	61
23/08/2023 20:20	3.3	275	3	3.8	0.0	23.3	59
23/08/2023 20:30	3.5	265	5	4.1	0.0	23.1	57
23/08/2023 20:40	4.0	262	3	4.5	0.0	23.0	57
23/08/2023 20:50	2.8	265	6	3.5	0.0	22.8	54
23/08/2023 21:00	3.1	262	6	4.3	0.0	22.8	51
23/08/2023 21:10	3.6	266	5	4.4	0.0	22.9	49
23/08/2023 21:20	3.6	269	4	4.4	0.0	22.9	46
23/08/2023 21:30	4.1	265	3	4.7	0.0	22.7	46
23/08/2023 21:40	3.6	269	3	4.2	0.0	22.5	45
23/08/2023 21:50	3.6	268	4	4.5	0.0	22.4	44
23/08/2023 22:00	3.7	269	4	4.4	0.0	22.5	48
23/08/2023 22:10	3.9	273	3	4.6	0.0	22.5	49
23/08/2023 22:20	4.2	272	4	4.9	0.0	22.4	49
23/08/2023 22:30	4.4	275	4	5.0	0.0	22.3	50
23/08/2023 22:40	4.5	272	3	5.0	0.0	22.2	54
23/08/2023 22:50	4.1	270	3	4.7	0.0	22.1	56
23/08/2023 23:00	3.8	269	3	4.5	0.0	22.0	58
23/08/2023 23:10	3.8	270	3	4.4	0.0	21.9	60
23/08/2023 23:20	4.3	275	2	4.7	0.0	22.1	62
23/08/2023 23:30	3.9	271	4	4.4	0.0	22.1	63
23/08/2023 23:40	4.1	272	4	5.0	0.0	22.1	63
23/08/2023 23:50	4.5	275	4	5.2	0.0	22.2	64
24/08/2023 00:00	4.2	272	4	4.9	0.0	22.0	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/08/2023 00:10	4.3	273	3	5.0	0.0	21.9	63
24/08/2023 00:20	4.1	275	3	4.6	0.0	21.8	64
24/08/2023 00:30	4.3	276	3	4.8	0.0	22.0	64
24/08/2023 00:40	4.1	276	4	4.8	0.0	22.0	64
24/08/2023 00:50	3.9	276	5	4.8	0.0	21.9	64
24/08/2023 01:00	4.0	274	4	4.8	0.0	21.9	65
24/08/2023 01:10	3.9	272	6	4.8	0.0	21.8	65
24/08/2023 01:20	3.8	271	6	4.6	0.0	21.7	65
24/08/2023 01:30	3.9	269	6	4.7	0.0	21.8	64
24/08/2023 01:40	4.0	270	5	4.7	0.0	21.8	64
24/08/2023 01:50	3.8	269	5	4.5	0.0	21.8	65
24/08/2023 02:00	3.5	269	7	4.7	0.0	21.7	64
24/08/2023 02:10	3.6	268	6	4.3	0.0	21.8	64
24/08/2023 02:20	3.7	268	4	4.5	0.0	21.6	65
24/08/2023 02:30	3.4	273	4	4.4	0.0	21.4	66
24/08/2023 02:40	3.6	267	4	4.3	0.0	21.4	66
24/08/2023 02:50	3.0	266	6	4.2	0.0	21.0	66
24/08/2023 03:00	3.0	276	7	4.2	0.0	21.3	63
24/08/2023 03:10	2.2	259	18	3.3	0.0	22.0	58
24/08/2023 03:20	1.7	258	25	3.2	0.0	22.1	55
24/08/2023 03:30	2.1	258	25	3.2	0.0	22.3	52
24/08/2023 03:40	1.4	247	34	2.6	0.0	23.1	48
24/08/2023 03:50	1.6	273	22	2.8	0.0	23.3	46
24/08/2023 04:00	1.3	220	32	3.3	0.0	23.2	45
24/08/2023 04:10	1.1	209	48	2.1	0.0	23.4	44
24/08/2023 04:20	1.2	168	64	2.2	0.0	23.1	44
24/08/2023 04:30	1.5	248	49	3.2	0.0	23.3	43
24/08/2023 04:40	2.0	219	17	3.6	0.0	23.2	43
24/08/2023 04:50	0.8	205	26	1.6	0.0	22.7	45
24/08/2023 05:00	0.8	161	64	1.9	0.0	22.1	47
24/08/2023 05:10	1.3	302	53	2.3	0.0	22.3	45
24/08/2023 05:20	1.0	278	51	2.0	0.0	22.2	44
24/08/2023 05:30	1.4	253	40	2.6	0.0	22.2	43
24/08/2023 05:40	1.0	282	35	2.1	0.0	22.5	42
24/08/2023 05:50	0.7	223	43	1.6	0.0	22.4	41
24/08/2023 06:00	1.0	244	35	2.1	0.0	22.7	40
24/08/2023 06:10	0.8	286	49	1.8	0.0	22.3	41
24/08/2023 06:20	1.2	34	26	1.9	0.0	22.3	41
24/08/2023 06:30	0.8	192	79	1.8	0.0	22.3	40
24/08/2023 06:40	0.7	138	59	1.7	0.0	22.5	40
24/08/2023 06:50	0.9	242	55	2.1	0.0	22.6	40
24/08/2023 07:00	0.7	30	68	1.8	0.0	23.3	37
24/08/2023 07:10	1.2	197	46	2.1	0.0	23.2	37
24/08/2023 07:20	1.7	50	9	2.3	0.0	23.7	35
24/08/2023 07:30	2.1	69	8	2.7	0.0	23.9	36
24/08/2023 07:40	2.2	76	7	2.7	0.0	24.0	37
24/08/2023 07:50	2.1	87	8	3.0	0.0	24.2	37
24/08/2023 08:00	2.4	92	8	3.1	0.0	24.4	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/08/2023 08:10	2.3	95	10	3.2	0.0	24.5	36
24/08/2023 08:20	1.9	96	14	2.9	0.0	24.9	37
24/08/2023 08:30	2.0	95	12	2.9	0.0	25.1	38
24/08/2023 08:40	2.4	94	11	3.1	0.0	24.7	39
24/08/2023 08:50	2.4	91	8	3.2	0.0	24.8	40
24/08/2023 09:00	2.3	95	11	3.1	0.0	25.2	39
24/08/2023 09:10	2.2	92	14	3.2	0.0	25.7	38
24/08/2023 09:20	2.7	94	11	3.8	0.0	25.8	37
24/08/2023 09:30	2.8	99	12	4.3	0.0	26.1	36
24/08/2023 09:40	3.0	110	13	4.4	0.0	26.5	34
24/08/2023 09:50	3.1	101	11	4.1	0.0	26.8	31
24/08/2023 10:00	2.9	102	12	4.6	0.0	27.0	31
24/08/2023 10:10	3.1	97	12	4.5	0.0	27.5	29
24/08/2023 10:20	3.0	92	12	4.3	0.0	28.1	28
24/08/2023 10:30	2.8	93	13	4.4	0.0	28.6	27
24/08/2023 10:40	2.9	105	14	3.9	0.0	29.2	26
24/08/2023 10:50	2.7	99	13	4.0	0.0	29.4	27
24/08/2023 11:00	3.0	93	11	4.3	0.0	29.7	27
24/08/2023 11:10	3.0	90	17	4.4	0.0	30.0	26
24/08/2023 11:20	2.3	91	18	3.8	0.0	30.6	26
24/08/2023 11:30	3.0	63	11	4.2	0.0	30.3	29
24/08/2023 11:40	3.0	66	14	4.0	0.0	30.5	29
24/08/2023 11:50	3.0	93	16	4.1	0.0	31.3	25
24/08/2023 12:00	3.4	82	15	4.7	0.0	31.8	22
24/08/2023 12:10	3.3	70	15	4.6	0.0	32.1	25
24/08/2023 12:20	3.9	54	15	5.4	0.0	32.1	28
24/08/2023 12:30	4.0	66	11	5.7	0.0	31.8	27
24/08/2023 12:40	4.2	52	8	5.4	0.0	31.0	33
24/08/2023 12:50	4.7	63	9	6.0	0.0	31.2	29
24/08/2023 13:00	4.5	64	12	6.2	0.0	31.6	26
24/08/2023 13:10	4.6	54	10	7.1	0.0	32.1	23
24/08/2023 13:20	4.6	59	8	6.8	0.0	32.5	21
24/08/2023 13:30	5.0	58	9	6.6	0.0	32.6	21
24/08/2023 13:40	5.2	58	8	6.9	0.0	32.3	23
24/08/2023 13:50	5.1	65	8	7.1	0.0	31.8	25
24/08/2023 14:00	5.4	65	8	7.7	0.0	31.8	24
24/08/2023 14:10	6.0	64	9	8.0	0.0	31.8	22
24/08/2023 14:20	6.2	66	8	7.7	0.0	31.7	21
24/08/2023 14:30	5.9	64	7	7.8	0.0	31.9	21
24/08/2023 14:40	5.9	63	8	7.5	0.0	31.8	21
24/08/2023 14:50	6.1	64	7	7.9	0.0	32.0	20
24/08/2023 15:00	6.0	67	8	7.8	0.0	32.0	20
24/08/2023 15:10	5.7	67	8	7.6	0.0	32.1	20
24/08/2023 15:20	5.4	56	10	7.0	0.0	32.5	19
24/08/2023 15:30	5.7	58	10	7.8	0.0	32.2	20
24/08/2023 15:40	6.0	59	8	8.2	0.0	31.8	22
24/08/2023 15:50	5.6	66	7	7.4	0.0	31.5	22
24/08/2023 16:00	5.6	67	7	7.0	0.0	31.3	23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/08/2023 16:10	5.1	61	8	6.6	0.0	31.5	22
24/08/2023 16:20	5.8	61	7	7.6	0.0	31.5	20
24/08/2023 16:30	5.5	62	6	7.1	0.0	31.4	20
24/08/2023 16:40	4.8	61	7	6.4	0.0	31.5	20
24/08/2023 16:50	3.7	62	8	5.2	0.0	31.7	20
24/08/2023 17:00	3.3	41	17	5.5	0.0	32.2	19
24/08/2023 17:10	4.1	31	8	5.8	0.0	31.9	17
24/08/2023 17:20	3.4	19	10	4.9	0.0	31.2	22
24/08/2023 17:30	3.9	9	7	4.8	0.0	30.3	26
24/08/2023 17:40	3.6	11	8	4.8	0.0	29.8	26
24/08/2023 17:50	3.0	15	8	4.4	0.0	29.4	26
24/08/2023 18:00	3.1	12	7	4.4	0.0	29.0	27
24/08/2023 18:10	2.8	18	10	3.9	0.0	28.7	27
24/08/2023 18:20	1.2	52	20	2.0	0.0	28.0	29
24/08/2023 18:30	1.1	47	20	2.2	0.0	27.4	30
24/08/2023 18:40	2.2	21	15	3.4	0.0	27.4	30
24/08/2023 18:50	3.5	5	6	4.4	0.0	28.0	26
24/08/2023 19:00	2.1	181	17	3.9	0.0	27.9	24
24/08/2023 19:10	1.0	182	29	2.1	0.0	27.1	30
24/08/2023 19:20	1.1	67	47	2.0	0.0	26.9	32
24/08/2023 19:30	0.4	204	56	0.9	0.0	26.5	31
24/08/2023 19:40	1.4	260	8	1.8	0.0	25.8	44
24/08/2023 19:50	0.7	271	48	1.5	0.0	25.2	41
24/08/2023 20:00	0.5	185	48	1.0	0.0	25.6	37
24/08/2023 20:10	0.6	109	49	1.1	0.0	25.8	35
24/08/2023 20:20	0.6	173	34	1.0	0.0	25.3	41
24/08/2023 20:30	0.6	147	22	0.8	0.0	25.0	43
24/08/2023 20:40	0.3	63	21	0.7	0.0	24.7	41
24/08/2023 20:50	0.7	37	8	1.0	0.0	25.6	34
24/08/2023 21:00	0.6	40	10	0.8	0.0	26.1	28
24/08/2023 21:10	0.5	25	34	0.9	0.0	25.8	28
24/08/2023 21:20	2.2	263	4	2.9	0.0	24.4	41
24/08/2023 21:30	2.1	274	6	3.1	0.0	24.6	43
24/08/2023 21:40	3.1	266	5	3.8	0.0	24.4	49
24/08/2023 21:50	2.0	270	9	2.7	0.0	24.1	50
24/08/2023 22:00	2.1	270	5	2.6	0.0	24.3	48
24/08/2023 22:10	2.0	272	6	2.4	0.0	24.3	47
24/08/2023 22:20	1.8	273	9	2.5	0.0	24.3	49
24/08/2023 22:30	1.5	277	8	2.1	0.0	23.7	52
24/08/2023 22:40	1.5	283	8	1.9	0.0	23.2	56
24/08/2023 22:50	1.2	259	20	1.7	0.0	22.9	58
24/08/2023 23:00	1.9	277	9	2.4	0.0	23.1	60
24/08/2023 23:10	1.3	273	21	1.7	0.0	23.1	61
24/08/2023 23:20	1.7	279	5	2.1	0.0	22.8	61
24/08/2023 23:30	1.5	263	14	2.0	0.0	23.1	59
24/08/2023 23:40	1.3	271	18	1.8	0.0	22.6	60
24/08/2023 23:50	1.4	292	10	1.8	0.0	22.9	59
25/08/2023 00:00	0.7	283	35	1.4	0.0	22.8	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/08/2023 00:10	0.7	336	38	1.1	0.0	22.4	58
25/08/2023 00:20	0.9	37	25	1.4	0.0	22.5	57
25/08/2023 00:30	1.0	111	23	1.8	0.0	22.9	53
25/08/2023 00:40	0.8	85	25	1.5	0.0	23.0	52
25/08/2023 00:50	1.9	168	45	4.1	0.0	23.7	49
25/08/2023 01:00	1.5	112	38	3.1	0.0	24.5	42
25/08/2023 01:10	1.8	183	21	3.3	0.0	25.4	33
25/08/2023 01:20	0.6	50	44	0.9	0.0	24.7	35
25/08/2023 01:30	1.1	27	11	1.5	0.0	23.0	38
25/08/2023 01:40	1.3	40	12	1.8	0.0	23.6	37
25/08/2023 01:50	1.6	50	7	2.0	0.0	23.2	38
25/08/2023 02:00	1.7	75	17	2.2	0.0	23.5	34
25/08/2023 02:10	1.6	70	15	2.1	0.0	23.6	33
25/08/2023 02:20	1.8	52	12	2.2	0.0	24.1	31
25/08/2023 02:30	1.7	72	13	2.9	0.0	23.3	33
25/08/2023 02:40	0.8	80	52	1.6	0.0	23.4	32
25/08/2023 02:50	0.7	15	55	1.5	0.0	23.7	30
25/08/2023 03:00	1.4	93	66	2.9	0.0	24.1	28
25/08/2023 03:10	1.9	160	44	3.5	0.0	25.2	26
25/08/2023 03:20	1.7	171	26	3.3	0.0	25.4	27
25/08/2023 03:30	1.8	165	30	4.2	0.0	25.1	28
25/08/2023 03:40	1.0	117	49	2.1	0.0	24.6	29
25/08/2023 03:50	1.0	65	68	1.6	0.0	24.1	30
25/08/2023 04:00	1.0	100	59	1.9	0.0	23.9	31
25/08/2023 04:10	1.3	137	53	2.5	0.0	23.7	32
25/08/2023 04:20	2.0	199	27	3.8	0.0	23.3	34
25/08/2023 04:30	3.7	176	15	6.7	0.0	23.6	35
25/08/2023 04:40	2.8	172	23	5.0	0.0	23.5	36
25/08/2023 04:50	1.6	97	37	3.4	0.0	23.1	35
25/08/2023 05:00	1.9	113	24	3.5	0.0	23.0	35
25/08/2023 05:10	1.3	108	38	2.5	0.0	23.5	34
25/08/2023 05:20	1.3	76	17	2.0	0.0	23.5	32
25/08/2023 05:30	1.6	65	20	2.3	0.0	23.0	33
25/08/2023 05:40	1.9	64	10	2.6	0.0	22.5	35
25/08/2023 05:50	2.2	62	7	2.8	0.0	22.4	35
25/08/2023 06:00	2.5	76	6	3.2	0.0	21.9	37
25/08/2023 06:10	1.9	85	11	2.7	0.0	22.0	38
25/08/2023 06:20	1.8	72	14	2.6	0.0	21.9	38
25/08/2023 06:30	1.7	83	13	2.6	0.0	21.9	38
25/08/2023 06:40	1.7	69	9	2.2	0.0	21.9	38
25/08/2023 06:50	1.7	71	8	2.3	0.0	22.0	38
25/08/2023 07:00	1.6	75	8	2.0	0.0	21.9	39
25/08/2023 07:10	1.7	68	11	2.4	0.0	22.3	39
25/08/2023 07:20	1.8	59	10	2.4	0.0	22.9	38
25/08/2023 07:30	1.8	63	9	2.5	0.0	23.5	38
25/08/2023 07:40	2.0	81	6	2.6	0.0	24.3	36
25/08/2023 07:50	2.5	93	8	3.2	0.0	24.8	33
25/08/2023 08:00	2.7	95	8	3.7	0.0	25.0	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/08/2023 08:10	2.7	90	8	3.7	0.0	24.9	36
25/08/2023 08:20	2.2	96	11	3.2	0.0	25.4	35
25/08/2023 08:30	2.7	98	10	4.0	0.0	25.6	34
25/08/2023 08:40	2.6	100	13	4.0	0.0	25.9	34
25/08/2023 08:50	3.1	95	9	4.5	0.0	25.8	33
25/08/2023 09:00	2.8	102	14	4.4	0.0	26.1	33
25/08/2023 09:10	3.0	96	10	4.9	0.0	26.5	33
25/08/2023 09:20	3.9	93	8	5.3	0.0	26.7	31
25/08/2023 09:30	4.6	93	11	7.2	0.0	27.3	30
25/08/2023 09:40	5.2	92	9	7.2	0.0	27.6	31
25/08/2023 09:50	4.8	91	10	7.6	0.0	27.9	31
25/08/2023 10:00	5.8	92	10	8.6	0.0	28.5	30
25/08/2023 10:10	6.6	89	10	9.6	0.0	28.1	30
25/08/2023 10:20	5.2	73	14	7.8	0.0	27.7	34
25/08/2023 10:30	5.2	71	11	8.2	0.0	28.1	34
25/08/2023 10:40	6.3	81	11	8.9	0.0	28.1	32
25/08/2023 10:50	7.0	88	9	9.2	0.0	28.3	33
25/08/2023 11:00	7.0	85	9	9.5	0.0	28.2	34
25/08/2023 11:10	7.4	78	8	10.0	0.0	27.8	34
25/08/2023 11:20	6.7	76	9	9.5	0.0	27.8	35
25/08/2023 11:30	7.2	77	8	9.4	0.0	27.4	36
25/08/2023 11:40	7.6	84	7	10.3	0.0	27.1	38
25/08/2023 11:50	7.2	88	8	9.2	0.0	27.1	39
25/08/2023 12:00	6.2	84	10	8.4	0.0	27.5	39
25/08/2023 12:10	5.5	77	10	7.7	0.0	27.6	41
25/08/2023 12:20	6.3	76	10	8.4	0.0	27.6	40
25/08/2023 12:30	7.3	74	8	10.6	0.0	27.4	41
25/08/2023 12:40	6.3	74	10	8.7	0.0	27.4	43
25/08/2023 12:50	6.2	71	11	8.6	0.0	27.6	43
25/08/2023 13:00	6.7	68	9	8.8	0.0	27.6	43
25/08/2023 13:10	6.3	71	9	8.2	0.0	27.5	44
25/08/2023 13:20	5.8	77	11	9.0	0.0	27.9	45
25/08/2023 13:30	6.2	84	8	8.1	0.0	27.8	46
25/08/2023 13:40	5.8	72	12	8.0	0.0	27.6	47
25/08/2023 13:50	6.8	66	10	8.7	0.0	27.5	47
25/08/2023 14:00	6.8	67	9	9.9	0.0	27.6	47
25/08/2023 14:10	7.3	66	9	9.5	0.0	27.6	46
25/08/2023 14:20	7.1	60	9	9.8	0.0	28.0	43
25/08/2023 14:30	8.5	58	8	11.5	0.0	27.7	44
25/08/2023 14:40	7.9	60	9	11.3	0.0	28.0	43
25/08/2023 14:50	8.1	62	8	11.1	0.0	28.0	42
25/08/2023 15:00	7.3	61	8	10.6	0.0	28.5	39
25/08/2023 15:10	7.0	61	9	10.3	0.0	29.1	37
25/08/2023 15:20	7.1	61	8	9.6	0.0	29.4	35
25/08/2023 15:30	7.2	62	7	9.9	0.0	29.7	33
25/08/2023 15:40	6.5	60	9	9.5	0.0	30.2	29
25/08/2023 15:50	6.6	61	7	9.0	0.0	30.4	28
25/08/2023 16:00	6.2	61	8	8.6	0.0	30.6	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/08/2023 16:10	6.0	57	11	9.0	0.0	31.0	24
25/08/2023 16:20	6.3	55	11	9.6	0.0	31.0	24
25/08/2023 16:30	6.4	41	8	8.7	0.0	30.8	23
25/08/2023 16:40	6.9	44	9	10.1	0.0	30.6	23
25/08/2023 16:50	7.3	45	7	9.9	0.0	30.2	22
25/08/2023 17:00	5.7	39	9	8.5	0.0	30.2	23
25/08/2023 17:10	5.2	29	10	8.4	0.0	29.7	28
25/08/2023 17:20	4.1	19	10	5.6	0.0	29.2	33
25/08/2023 17:30	4.1	10	9	6.3	0.0	28.5	38
25/08/2023 17:40	4.3	6	7	6.2	0.0	27.8	40
25/08/2023 17:50	4.4	8	8	6.5	0.0	27.3	41
25/08/2023 18:00	4.6	11	9	7.1	0.0	26.9	42
25/08/2023 18:10	4.8	10	8	6.4	0.0	26.7	41
25/08/2023 18:20	5.5	15	8	7.7	0.0	26.6	42
25/08/2023 18:30	4.6	25	8	6.6	0.0	26.4	43
25/08/2023 18:40	3.6	23	10	5.5	0.0	26.4	43
25/08/2023 18:50	3.0	24	13	5.0	0.0	26.3	43
25/08/2023 19:00	2.2	41	14	4.0	0.0	25.9	46
25/08/2023 19:10	1.0	163	58	2.8	0.0	25.5	47
25/08/2023 19:20	1.6	247	23	2.8	0.0	25.4	50
25/08/2023 19:30	0.8	256	55	1.5	0.0	25.4	50
25/08/2023 19:40	0.8	22	21	1.4	0.0	25.1	53
25/08/2023 19:50	0.6	91	24	1.1	0.0	24.7	54
25/08/2023 20:00	0.7	38	26	1.3	0.0	24.5	55
25/08/2023 20:10	0.3	235	62	0.7	0.0	24.3	57
25/08/2023 20:20	0.4	224	30	0.7	0.0	24.3	56
25/08/2023 20:30	0.8	61	32	1.3	0.0	23.7	57
25/08/2023 20:40	0.9	115	26	1.3	0.0	23.1	59
25/08/2023 20:50	0.7	188	14	1.2	0.0	22.9	59
25/08/2023 21:00	0.4	264	34	0.7	0.0	23.4	58
25/08/2023 21:10	0.5	320	7	0.7	0.0	24.3	55
25/08/2023 21:20	0.6	238	18	0.9	0.0	24.0	55
25/08/2023 21:30	0.7	193	45	1.1	0.0	22.7	59
25/08/2023 21:40	1.2	309	9	1.5	0.0	23.3	57
25/08/2023 21:50	0.6	294	26	1.0	0.0	23.6	56
25/08/2023 22:00	0.5	120	29	0.8	0.0	22.6	58
25/08/2023 22:10	0.4	148	47	0.7	0.0	22.0	59
25/08/2023 22:20	0.5	209	44	0.8	0.0	21.6	60
25/08/2023 22:30	0.5	74	18	0.8	0.0	21.5	61
25/08/2023 22:40	0.7	52	18	0.9	0.0	21.5	61
25/08/2023 22:50	0.5	111	38	0.9	0.0	21.4	62
25/08/2023 23:00	0.6	286	44	1.0	0.0	21.2	63
25/08/2023 23:10	0.7	183	27	1.1	0.0	21.3	61
25/08/2023 23:20	1.2	60	18	1.8	0.0	20.8	62
25/08/2023 23:30	0.6	52	14	1.0	0.0	20.7	62
25/08/2023 23:40	0.6	72	8	1.0	0.0	20.6	63
25/08/2023 23:50	0.6	28	13	0.7	0.0	21.0	61
26/08/2023 00:00	0.3	115	32	0.4	0.0	21.4	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/08/2023 00:10	0.3	234	16	0.5	0.0	20.7	60
26/08/2023 00:20	0.3	229	50	0.5	0.0	19.7	64
26/08/2023 00:30	0.5	310	45	1.1	0.0	20.1	61
26/08/2023 00:40	0.7	49	7	0.9	0.0	20.0	61
26/08/2023 00:50	0.8	54	17	1.1	0.0	21.1	59
26/08/2023 01:00	0.4	75	25	0.7	0.0	21.0	58
26/08/2023 01:10	0.4	36	12	0.8	0.0	21.0	58
26/08/2023 01:20	0.8	29	16	1.1	0.0	21.3	57
26/08/2023 01:30	1.0	6	38	1.5	0.0	21.4	56
26/08/2023 01:40	0.6	177	47	1.1	0.0	21.2	56
26/08/2023 01:50	1.2	175	46	2.1	0.0	21.8	52
26/08/2023 02:00	2.2	177	13	3.5	0.0	22.8	47
26/08/2023 02:10	1.3	179	28	2.4	0.0	22.9	46
26/08/2023 02:20	0.6	206	71	1.3	0.0	22.2	47
26/08/2023 02:30	2.7	177	8	3.9	0.0	22.9	43
26/08/2023 02:40	3.6	182	9	4.9	0.0	23.3	40
26/08/2023 02:50	1.5	193	26	2.4	0.0	23.2	39
26/08/2023 03:00	1.5	196	44	3.4	0.0	22.7	40
26/08/2023 03:10	0.6	94	62	1.5	0.0	22.5	40
26/08/2023 03:20	1.2	194	20	2.1	0.0	22.5	39
26/08/2023 03:30	1.2	197	35	2.2	0.0	22.7	38
26/08/2023 03:40	1.4	210	21	2.5	0.0	22.6	37
26/08/2023 03:50	1.1	209	44	2.2	0.0	22.5	36
26/08/2023 04:00	0.6	132	52	1.5	0.0	22.1	38
26/08/2023 04:10	0.8	216	59	2.3	0.0	21.9	38
26/08/2023 04:20	0.9	130	44	2.4	0.0	22.0	36
26/08/2023 04:30	1.2	244	59	2.3	0.0	22.1	35
26/08/2023 04:40	1.3	171	30	2.4	0.0	22.6	33
26/08/2023 04:50	2.0	181	21	3.4	0.0	22.9	32
26/08/2023 05:00	2.0	175	21	3.2	0.0	22.7	33
26/08/2023 05:10	2.3	181	15	3.1	0.0	23.1	32
26/08/2023 05:20	1.8	202	18	3.1	0.0	23.0	32
26/08/2023 05:30	2.0	188	18	3.2	0.0	23.0	33
26/08/2023 05:40	0.9	283	62	2.2	0.0	22.0	35
26/08/2023 05:50	1.9	148	20	3.5	0.0	22.2	34
26/08/2023 06:00	0.9	181	39	2.4	0.0	22.0	34
26/08/2023 06:10	1.4	187	15	2.5	0.0	21.7	35
26/08/2023 06:20	0.6	188	49	1.7	0.0	21.1	36
26/08/2023 06:30	0.5	182	71	1.4	0.0	21.1	36
26/08/2023 06:40	1.0	158	42	2.0	0.0	21.3	35
26/08/2023 06:50	1.9	168	15	3.0	0.0	22.3	34
26/08/2023 07:00	0.9	58	46	2.0	0.0	21.6	35
26/08/2023 07:10	1.4	71	22	2.6	0.0	21.5	36
26/08/2023 07:20	2.0	89	16	3.2	0.0	22.4	34
26/08/2023 07:30	2.0	91	8	3.0	0.0	23.1	33
26/08/2023 07:40	2.1	90	7	3.0	0.0	23.7	32
26/08/2023 07:50	2.1	91	9	2.9	0.0	24.1	31
26/08/2023 08:00	2.0	89	9	3.0	0.0	24.3	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/08/2023 08:10	2.3	100	12	3.4	0.0	24.6	30
26/08/2023 08:20	2.4	106	15	3.5	0.0	24.8	31
26/08/2023 08:30	2.7	100	13	3.7	0.0	24.5	32
26/08/2023 08:40	2.1	106	18	3.5	0.0	24.7	32
26/08/2023 08:50	2.6	106	14	4.2	0.0	24.9	31
26/08/2023 09:00	2.7	99	16	3.9	0.0	25.0	33
26/08/2023 09:10	2.8	98	11	3.9	0.0	25.2	31
26/08/2023 09:20	3.1	87	8	4.2	0.0	25.5	29
26/08/2023 09:30	3.8	90	11	5.7	0.0	26.1	27
26/08/2023 09:40	4.7	89	10	7.0	0.0	26.6	26
26/08/2023 09:50	5.5	81	14	7.8	0.0	26.7	26
26/08/2023 10:00	6.1	78	9	8.6	0.0	26.4	27
26/08/2023 10:10	5.6	78	13	7.7	0.0	26.8	28
26/08/2023 10:20	5.0	70	11	7.0	0.0	26.7	30
26/08/2023 10:30	5.5	64	11	7.9	0.0	26.7	31
26/08/2023 10:40	5.1	69	12	7.6	0.0	27.0	32
26/08/2023 10:50	5.6	65	10	8.1	0.0	26.9	33
26/08/2023 11:00	6.2	62	11	8.0	0.0	26.6	34
26/08/2023 11:10	6.5	62	9	8.7	0.0	26.9	34
26/08/2023 11:20	6.2	67	11	8.9	0.0	26.9	36
26/08/2023 11:30	6.5	61	9	9.0	0.0	27.0	33
26/08/2023 11:40	7.0	61	8	9.6	0.0	27.1	31
26/08/2023 11:50	7.6	62	9	10.6	0.0	26.9	32
26/08/2023 12:00	6.5	66	10	9.6	0.0	27.1	33
26/08/2023 12:10	6.7	63	9	9.4	0.0	27.3	33
26/08/2023 12:20	6.7	66	9	8.8	0.0	27.4	33
26/08/2023 12:30	6.5	63	10	9.0	0.0	27.8	31
26/08/2023 12:40	6.5	63	10	9.3	0.0	28.0	32
26/08/2023 12:50	6.3	67	10	9.0	0.0	28.2	33
26/08/2023 13:00	7.4	67	9	10.2	0.0	28.0	34
26/08/2023 13:10	7.9	73	9	10.7	0.0	27.9	33
26/08/2023 13:20	7.8	68	8	10.9	0.0	27.9	34
26/08/2023 13:30	6.7	64	9	8.6	0.0	28.4	34
26/08/2023 13:40	7.2	62	9	10.2	0.0	28.7	31
26/08/2023 13:50	8.2	66	9	11.9	0.0	28.7	27
26/08/2023 14:00	8.2	64	8	11.4	0.0	28.8	29
26/08/2023 14:10	7.9	71	9	11.9	0.0	28.6	32
26/08/2023 14:20	7.1	60	9	9.6	0.0	28.9	33
26/08/2023 14:30	6.8	58	8	9.3	0.0	28.5	34
26/08/2023 14:40	6.6	58	7	9.6	0.0	28.6	34
26/08/2023 14:50	6.3	64	10	8.8	0.0	28.4	35
26/08/2023 15:00	6.7	63	8	9.6	0.0	28.4	34
26/08/2023 15:10	7.6	59	7	10.5	0.0	28.3	34
26/08/2023 15:20	7.9	57	8	11.0	0.0	28.0	34
26/08/2023 15:30	7.8	58	8	10.7	0.0	27.9	35
26/08/2023 15:40	8.5	60	8	11.2	0.0	27.9	34
26/08/2023 15:50	7.5	62	8	10.1	0.0	28.0	35
26/08/2023 16:00	7.2	62	8	10.1	0.0	27.9	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/08/2023 16:10	7.7	56	8	10.7	0.0	28.0	35
26/08/2023 16:20	8.2	58	7	10.9	0.0	27.9	35
26/08/2023 16:30	8.1	59	8	11.2	0.0	27.9	36
26/08/2023 16:40	8.2	62	7	11.5	0.0	28.2	34
26/08/2023 16:50	8.1	61	7	10.5	0.0	28.1	34
26/08/2023 17:00	6.8	62	8	10.1	0.0	28.0	35
26/08/2023 17:10	7.0	63	7	10.4	0.0	27.9	35
26/08/2023 17:20	7.1	64	7	9.9	0.0	27.8	35
26/08/2023 17:30	6.2	64	8	8.5	0.0	27.8	34
26/08/2023 17:40	5.5	66	7	7.8	0.0	27.5	37
26/08/2023 17:50	4.3	66	9	5.9	0.0	27.0	40
26/08/2023 18:00	4.5	62	7	6.2	0.0	26.9	37
26/08/2023 18:10	4.0	64	7	5.6	0.0	26.8	38
26/08/2023 18:20	3.5	65	7	5.2	0.0	26.4	40
26/08/2023 18:30	3.1	66	7	4.0	0.0	26.1	40
26/08/2023 18:40	2.6	67	8	3.8	0.0	25.8	43
26/08/2023 18:50	2.2	61	8	3.1	0.0	25.4	45
26/08/2023 19:00	2.6	66	8	3.8	0.0	25.4	45
26/08/2023 19:10	2.9	68	8	3.8	0.0	25.4	46
26/08/2023 19:20	2.8	61	12	4.5	0.0	25.5	44
26/08/2023 19:30	2.6	70	6	3.6	0.0	25.1	48
26/08/2023 19:40	3.0	69	7	4.0	0.0	24.9	50
26/08/2023 19:50	2.8	66	6	3.7	0.0	24.7	53
26/08/2023 20:00	2.4	61	6	3.2	0.0	24.4	54
26/08/2023 20:10	2.4	59	6	3.1	0.0	24.1	55
26/08/2023 20:20	2.5	58	5	3.3	0.0	23.9	56
26/08/2023 20:30	2.0	59	8	2.7	0.0	23.9	57
26/08/2023 20:40	1.8	71	7	2.2	0.0	23.6	59
26/08/2023 20:50	1.7	76	8	2.2	0.0	23.3	61
26/08/2023 21:00	1.3	81	6	1.7	0.0	23.2	64
26/08/2023 21:10	1.3	60	7	1.6	0.0	22.9	66
26/08/2023 21:20	1.5	60	4	1.7	0.0	22.5	67
26/08/2023 21:30	1.5	69	8	1.8	0.0	22.3	67
26/08/2023 21:40	1.2	80	9	1.4	0.0	22.3	67
26/08/2023 21:50	0.9	80	6	1.1	0.0	22.2	67
26/08/2023 22:00	0.7	78	9	1.0	0.0	22.1	67
26/08/2023 22:10	0.7	67	16	1.0	0.0	22.4	67
26/08/2023 22:20	0.9	94	9	1.2	0.0	22.4	66
26/08/2023 22:30	1.0	68	8	1.2	0.0	22.3	65
26/08/2023 22:40	1.2	58	6	1.5	0.0	22.2	63
26/08/2023 22:50	1.3	62	7	1.6	0.0	22.0	63
26/08/2023 23:00	1.4	58	7	1.6	0.0	21.9	60
26/08/2023 23:10	1.3	49	6	1.6	0.0	21.9	54
26/08/2023 23:20	1.3	47	5	1.6	0.0	22.0	51
26/08/2023 23:30	1.2	44	7	1.5	0.0	21.7	50
26/08/2023 23:40	1.3	47	9	1.6	0.0	21.7	50
26/08/2023 23:50	1.5	46	3	1.7	0.0	21.5	51
27/08/2023 00:00	1.5	47	3	1.7	0.0	21.1	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/08/2023 00:10	1.4	47	9	1.9	0.0	20.8	52
27/08/2023 00:20	1.6	40	7	1.9	0.0	21.1	52
27/08/2023 00:30	1.5	45	5	1.7	0.0	21.4	56
27/08/2023 00:40	1.3	43	4	1.6	0.0	21.3	58
27/08/2023 00:50	1.7	45	4	2.1	0.0	20.9	59
27/08/2023 01:00	1.9	51	3	2.1	0.0	20.9	60
27/08/2023 01:10	1.8	46	3	2.0	0.0	20.8	60
27/08/2023 01:20	1.7	50	4	2.2	0.0	20.6	61
27/08/2023 01:30	1.7	48	5	2.0	0.0	20.6	61
27/08/2023 01:40	1.7	47	4	2.1	0.0	20.7	62
27/08/2023 01:50	1.5	48	4	2.0	0.0	20.6	62
27/08/2023 02:00	1.7	55	5	2.3	0.0	20.0	62
27/08/2023 02:10	2.0	53	7	2.5	0.0	20.2	60
27/08/2023 02:20	1.6	55	9	2.2	0.0	20.5	62
27/08/2023 02:30	1.5	52	9	2.0	0.0	20.2	62
27/08/2023 02:40	1.5	56	6	1.8	0.0	20.3	63
27/08/2023 02:50	1.7	48	6	2.0	0.0	20.4	64
27/08/2023 03:00	1.5	56	6	1.9	0.0	20.0	65
27/08/2023 03:10	1.0	34	13	1.7	0.0	19.5	64
27/08/2023 03:20	1.3	42	15	1.9	0.0	20.0	65
27/08/2023 03:30	1.6	51	6	2.0	0.0	20.2	65
27/08/2023 03:40	1.4	51	7	1.9	0.0	20.1	66
27/08/2023 03:50	1.4	54	7	1.9	0.0	20.0	66
27/08/2023 04:00	1.4	59	8	1.9	0.0	19.7	66
27/08/2023 04:10	2.3	59	7	3.0	0.0	19.3	66
27/08/2023 04:20	3.1	62	5	3.5	0.0	19.7	66
27/08/2023 04:30	2.7	70	7	3.4	0.0	20.0	65
27/08/2023 04:40	2.5	67	6	3.1	0.0	20.2	63
27/08/2023 04:50	2.2	63	7	2.6	0.0	19.9	64
27/08/2023 05:00	2.0	57	6	2.7	0.0	20.2	64
27/08/2023 05:10	1.5	64	6	2.1	0.0	19.9	64
27/08/2023 05:20	2.3	58	4	2.6	0.0	20.0	65
27/08/2023 05:30	2.1	58	7	2.6	0.0	20.1	65
27/08/2023 05:40	2.4	53	6	2.9	0.0	20.0	66
27/08/2023 05:50	1.6	57	9	2.1	0.0	19.5	66
27/08/2023 06:00	1.9	55	6	2.4	0.0	19.5	66
27/08/2023 06:10	1.9	48	8	2.5	0.0	19.4	66
27/08/2023 06:20	2.3	55	6	2.9	0.0	19.7	65
27/08/2023 06:30	1.7	57	7	2.2	0.0	19.8	65
27/08/2023 06:40	1.8	54	11	2.5	0.0	20.2	63
27/08/2023 06:50	2.1	67	7	2.6	0.0	20.2	62
27/08/2023 07:00	2.1	59	8	2.7	0.0	20.4	61
27/08/2023 07:10	2.5	65	6	3.3	0.0	21.1	57
27/08/2023 07:20	2.7	69	6	3.3	0.0	21.5	55
27/08/2023 07:30	2.6	70	8	3.3	0.0	21.9	53
27/08/2023 07:40	2.1	89	12	3.2	0.0	22.5	48
27/08/2023 07:50	1.9	93	10	2.7	0.0	23.4	42
27/08/2023 08:00	2.3	90	8	3.1	0.0	24.0	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/08/2023 08:10	2.4	89	8	3.2	0.0	24.2	41
27/08/2023 08:20	2.5	100	9	3.5	0.0	24.5	38
27/08/2023 08:30	2.7	98	13	3.7	0.0	24.8	36
27/08/2023 08:40	2.6	95	13	3.5	0.0	24.2	40
27/08/2023 08:50	2.1	94	15	3.0	0.0	24.2	44
27/08/2023 09:00	2.5	99	13	3.6	0.0	24.4	46
27/08/2023 09:10	2.7	105	13	3.9	0.0	24.9	45
27/08/2023 09:20	3.0	107	14	4.5	0.0	25.0	44
27/08/2023 09:30	3.7	115	9	4.9	0.0	24.8	43
27/08/2023 09:40	3.1	106	12	4.7	0.0	25.2	43
27/08/2023 09:50	2.9	104	13	4.1	0.0	25.8	41
27/08/2023 10:00	3.4	94	11	4.9	0.0	26.4	36
27/08/2023 10:10	3.4	98	11	4.9	0.0	26.5	37
27/08/2023 10:20	3.6	97	13	5.1	0.0	27.2	34
27/08/2023 10:30	3.5	99	13	5.0	0.0	28.0	32
27/08/2023 10:40	3.5	99	14	4.9	0.0	28.5	30
27/08/2023 10:50	3.7	81	11	5.1	0.0	28.7	31
27/08/2023 11:00	4.5	80	9	5.9	0.0	29.0	27
27/08/2023 11:10	4.9	80	8	6.0	0.0	29.1	25
27/08/2023 11:20	4.2	84	13	5.6	0.0	29.6	26
27/08/2023 11:30	4.2	69	19	6.3	0.0	29.9	28
27/08/2023 11:40	4.5	55	11	6.7	0.0	29.1	32
27/08/2023 11:50	4.2	56	10	5.7	0.0	29.2	32
27/08/2023 12:00	4.3	58	14	6.6	0.0	29.3	31
27/08/2023 12:10	4.6	67	15	7.2	0.0	30.0	29
27/08/2023 12:20	5.4	80	12	8.7	0.0	30.3	25
27/08/2023 12:30	6.3	78	9	9.5	0.0	30.3	22
27/08/2023 12:40	6.8	78	8	9.2	0.0	30.3	20
27/08/2023 12:50	7.1	81	10	10.5	0.0	30.1	23
27/08/2023 13:00	7.3	76	9	10.4	0.0	29.5	25
27/08/2023 13:10	7.3	82	8	10.2	0.0	29.5	24
27/08/2023 13:20	6.8	81	10	9.8	0.0	29.6	22
27/08/2023 13:30	6.9	80	10	9.8	0.0	29.8	20
27/08/2023 13:40	7.3	84	8	9.8	0.0	29.8	18
27/08/2023 13:50	7.1	81	8	9.6	0.0	29.7	19
27/08/2023 14:00	7.1	75	9	9.1	0.0	29.2	21
27/08/2023 14:10	7.0	74	8	9.1	0.0	29.0	24
27/08/2023 14:20	7.3	76	7	8.9	0.0	28.6	26
27/08/2023 14:30	6.7	83	8	8.7	0.0	28.7	27
27/08/2023 14:40	6.1	74	10	8.7	0.0	29.2	27
27/08/2023 14:50	6.0	79	10	8.2	0.0	29.1	27
27/08/2023 15:00	6.3	85	8	7.8	0.0	28.9	29
27/08/2023 15:10	5.6	82	7	7.5	0.0	28.8	31
27/08/2023 15:20	5.6	75	10	8.1	0.0	28.7	31
27/08/2023 15:30	5.4	66	9	7.5	0.0	28.8	31
27/08/2023 15:40	5.3	79	9	7.6	0.0	28.8	31
27/08/2023 15:50	5.3	81	8	7.2	0.0	28.7	32
27/08/2023 16:00	4.9	75	11	6.9	0.0	28.6	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/08/2023 16:10	5.2	61	7	6.9	0.0	28.3	31
27/08/2023 16:20	5.0	63	8	6.5	0.0	28.3	31
27/08/2023 16:30	4.7	61	8	6.3	0.0	28.1	34
27/08/2023 16:40	4.9	58	8	6.2	0.0	27.8	35
27/08/2023 16:50	4.9	62	6	5.8	0.0	27.4	39
27/08/2023 17:00	3.8	62	9	5.3	0.0	27.4	42
27/08/2023 17:10	3.6	60	9	5.0	0.0	27.2	43
27/08/2023 17:20	3.6	50	7	4.9	0.0	26.8	45
27/08/2023 17:30	3.0	46	9	4.4	0.0	26.5	47
27/08/2023 17:40	3.5	47	6	4.7	0.0	25.9	49
27/08/2023 17:50	4.0	44	7	5.3	0.0	25.4	48
27/08/2023 18:00	3.9	34	6	5.1	0.0	25.0	45
27/08/2023 18:10	3.1	53	8	4.0	0.0	25.2	42
27/08/2023 18:20	2.8	71	6	3.6	0.0	24.7	47
27/08/2023 18:30	1.6	69	7	2.2	0.0	24.3	46
27/08/2023 18:40	0.9	67	15	1.4	0.0	24.0	46
27/08/2023 18:50	0.6	83	23	1.1	0.0	23.9	43
27/08/2023 19:00	1.0	80	20	2.2	0.0	24.4	43
27/08/2023 19:10	0.6	82	26	1.2	0.0	24.3	43
27/08/2023 19:20	0.7	105	41	1.3	0.0	24.0	44
27/08/2023 19:30	0.7	290	29	1.1	0.0	23.9	44
27/08/2023 19:40	0.4	110	33	0.6	0.0	23.5	49
27/08/2023 19:50	0.8	41	17	1.2	0.0	23.8	46
27/08/2023 20:00	0.9	340	14	1.4	0.0	24.3	44
27/08/2023 20:10	0.3	293	36	0.5	0.0	23.0	49
27/08/2023 20:20	0.2	144	44	0.6	0.0	22.5	52
27/08/2023 20:30	0.5	123	24	0.7	0.0	22.2	48
27/08/2023 20:40	0.4	286	43	0.7	0.0	22.5	47
27/08/2023 20:50	0.7	26	15	1.0	0.0	22.9	47
27/08/2023 21:00	0.9	57	14	1.2	0.0	22.6	48
27/08/2023 21:10	1.1	64	6	1.2	0.0	21.7	49
27/08/2023 21:20	0.7	124	22	1.0	0.0	21.5	52
27/08/2023 21:30	1.0	121	23	1.4	0.0	21.0	55
27/08/2023 21:40	1.1	96	13	1.4	0.0	21.5	56
27/08/2023 21:50	1.1	82	9	1.3	0.0	21.3	60
27/08/2023 22:00	1.1	99	6	1.2	0.0	21.2	64
27/08/2023 22:10	1.1	105	6	1.3	0.0	21.2	65
27/08/2023 22:20	0.7	93	7	0.9	0.0	21.5	66
27/08/2023 22:30	0.5	64	10	0.7	0.0	21.7	66
27/08/2023 22:40	0.4	37	12	0.6	0.0	21.8	67
27/08/2023 22:50	0.3	154	32	0.6	0.0	21.6	67
27/08/2023 23:00	0.3	243	24	0.5	0.0	21.5	66
27/08/2023 23:10	0.4	176	19	0.6	0.0	21.8	65
27/08/2023 23:20	0.6	242	43	1.1	0.0	20.7	66
27/08/2023 23:30	0.6	214	21	0.9	0.0	20.9	64
27/08/2023 23:40	0.2	165	86	0.5	0.0	20.2	64
27/08/2023 23:50	0.3	70	34	0.5	0.0	19.6	63
28/08/2023 00:00	0.3	195	28	0.5	0.0	20.3	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/08/2023 00:10	0.4	260	13	0.8	0.0	20.5	63
28/08/2023 00:20	0.8	285	20	1.3	0.0	20.3	66
28/08/2023 00:30	0.3	52	42	0.5	0.0	19.9	66
28/08/2023 00:40	0.4	83	28	0.6	0.0	19.2	67
28/08/2023 00:50	0.4	209	36	0.7	0.0	19.3	67
28/08/2023 01:00	0.5	62	14	0.8	0.0	19.6	66
28/08/2023 01:10	0.6	40	21	0.9	0.0	19.8	66
28/08/2023 01:20	0.6	91	18	0.8	0.0	20.0	66
28/08/2023 01:30	0.4	66	12	1.0	0.0	19.9	66
28/08/2023 01:40	0.8	71	12	1.0	0.0	19.3	67
28/08/2023 01:50	0.8	72	4	1.1	0.0	19.0	67
28/08/2023 02:00	1.2	67	6	1.6	0.0	18.6	67
28/08/2023 02:10	2.1	55	3	2.4	0.0	18.8	67
28/08/2023 02:20	2.1	57	3	2.4	0.0	19.8	67
28/08/2023 02:30	1.8	49	4	2.1	0.0	19.8	67
28/08/2023 02:40	1.6	51	3	1.8	0.0	19.7	66
28/08/2023 02:50	1.7	47	3	2.0	0.0	19.5	66
28/08/2023 03:00	1.8	50	3	2.2	0.0	19.3	66
28/08/2023 03:10	1.6	48	5	2.2	0.0	19.1	65
28/08/2023 03:20	1.8	52	5	2.1	0.0	19.2	64
28/08/2023 03:30	1.9	56	3	2.3	0.0	19.3	64
28/08/2023 03:40	1.9	54	5	2.2	0.0	19.4	66
28/08/2023 03:50	1.8	53	6	2.3	0.0	19.3	66
28/08/2023 04:00	1.5	50	5	1.9	0.0	19.2	67
28/08/2023 04:10	1.4	48	6	1.8	0.0	19.0	67
28/08/2023 04:20	1.3	52	7	1.7	0.0	19.5	67
28/08/2023 04:30	1.6	55	4	2.0	0.0	19.7	67
28/08/2023 04:40	1.7	52	5	2.2	0.0	19.5	67
28/08/2023 04:50	1.5	55	5	1.9	0.0	19.4	67
28/08/2023 05:00	1.5	54	5	1.8	0.0	19.3	67
28/08/2023 05:10	1.6	57	5	1.9	0.0	19.0	68
28/08/2023 05:20	1.8	51	4	2.1	0.0	19.1	67
28/08/2023 05:30	1.8	60	5	2.1	0.0	18.9	67
28/08/2023 05:40	1.5	62	6	1.8	0.0	18.7	67
28/08/2023 05:50	1.8	56	5	2.4	0.0	18.5	67
28/08/2023 06:00	2.1	59	4	2.4	0.0	18.5	66
28/08/2023 06:10	2.1	60	5	2.5	0.0	18.5	66
28/08/2023 06:20	2.4	58	5	2.8	0.0	19.4	63
28/08/2023 06:30	2.3	47	8	3.0	0.0	19.4	61
28/08/2023 06:40	2.0	50	6	2.7	0.0	19.0	61
28/08/2023 06:50	2.4	56	5	2.9	0.0	19.4	59
28/08/2023 07:00	2.0	64	7	2.5	0.0	19.5	60
28/08/2023 07:10	1.7	60	7	2.1	0.0	20.2	59
28/08/2023 07:20	1.7	66	9	2.0	0.0	20.7	58
28/08/2023 07:30	1.7	76	9	2.3	0.0	21.1	58
28/08/2023 07:40	1.9	79	9	2.5	0.0	21.4	56
28/08/2023 07:50	2.2	92	7	2.8	0.0	21.7	56
28/08/2023 08:00	2.3	88	10	2.8	0.0	22.0	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/08/2023 08:10	2.0	88	10	2.5	0.0	22.3	54
28/08/2023 08:20	2.3	93	12	3.2	0.0	22.6	52
28/08/2023 08:30	2.4	86	9	3.4	0.0	22.8	50
28/08/2023 08:40	2.2	81	9	3.2	0.0	22.9	49
28/08/2023 08:50	2.6	86	9	3.5	0.0	23.3	47
28/08/2023 09:00	2.4	93	10	3.6	0.0	23.8	45
28/08/2023 09:10	2.4	89	12	3.4	0.0	24.0	45
28/08/2023 09:20	2.5	91	12	3.5	0.0	24.2	43
28/08/2023 09:30	2.7	84	13	3.7	0.0	24.3	42
28/08/2023 09:40	2.4	98	16	3.4	0.0	24.7	40
28/08/2023 09:50	2.1	101	15	3.2	0.0	25.3	37
28/08/2023 10:00	1.8	109	20	3.4	0.0	26.1	34
28/08/2023 10:10	2.3	94	14	3.6	0.0	26.4	30
28/08/2023 10:20	2.7	91	14	4.2	0.0	26.9	28
28/08/2023 10:30	2.4	93	16	3.4	0.0	27.6	25
28/08/2023 10:40	2.8	85	15	4.3	0.0	28.1	25
28/08/2023 10:50	2.6	87	15	3.9	0.0	28.7	24
28/08/2023 11:00	2.1	97	19	3.2	0.0	29.4	22
28/08/2023 11:10	2.0	91	21	3.5	0.0	30.0	22
28/08/2023 11:20	2.5	88	17	3.9	0.0	30.2	21
28/08/2023 11:30	2.7	76	15	4.0	0.0	30.2	20
28/08/2023 11:40	2.4	107	18	3.7	0.0	30.7	19
28/08/2023 11:50	2.3	96	26	4.6	0.0	31.0	18
28/08/2023 12:00	2.6	83	31	4.2	0.0	31.2	18
28/08/2023 12:10	2.9	101	18	4.7	0.0	31.6	17
28/08/2023 12:20	2.8	100	19	4.2	0.0	31.7	16
28/08/2023 12:30	2.9	68	25	4.5	0.0	31.8	18
28/08/2023 12:40	3.1	64	30	4.8	0.0	31.9	18
28/08/2023 12:50	3.1	59	17	4.5	0.0	31.7	19
28/08/2023 13:00	3.6	53	14	4.9	0.0	31.9	18
28/08/2023 13:10	3.4	60	11	4.6	0.0	31.6	17
28/08/2023 13:20	3.5	64	11	4.7	0.0	31.8	17
28/08/2023 13:30	3.4	64	15	5.4	0.0	31.9	16
28/08/2023 13:40	3.1	51	14	5.1	0.0	32.0	15
28/08/2023 13:50	3.3	61	13	5.4	0.0	32.2	15
28/08/2023 14:00	3.3	60	15	5.1	0.0	32.5	14
28/08/2023 14:10	3.7	68	12	5.3	0.0	32.6	14
28/08/2023 14:20	4.0	81	11	5.7	0.0	32.1	14
28/08/2023 14:30	4.0	77	10	5.3	0.0	32.1	14
28/08/2023 14:40	4.2	69	10	5.8	0.0	32.2	14
28/08/2023 14:50	4.2	74	8	5.9	0.0	32.2	14
28/08/2023 15:00	3.8	80	10	5.6	0.0	32.2	14
28/08/2023 15:10	4.1	101	11	5.7	0.0	32.7	13
28/08/2023 15:20	4.1	100	11	5.8	0.0	32.6	13
28/08/2023 15:30	3.6	87	11	5.0	0.0	33.0	13
28/08/2023 15:40	4.5	80	10	5.9	0.0	32.4	13
28/08/2023 15:50	4.9	75	8	6.7	0.0	31.9	14
28/08/2023 16:00	5.2	82	9	6.3	0.0	32.0	13



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/08/2023 16:10	4.9	86	8	6.6	0.0	32.2	13
28/08/2023 16:20	5.0	85	7	6.5	0.0	32.3	13
28/08/2023 16:30	4.9	85	7	6.1	0.0	32.1	13
28/08/2023 16:40	4.4	82	10	5.8	0.0	32.1	13
28/08/2023 16:50	3.8	78	10	5.5	0.0	32.0	13
28/08/2023 17:00	3.7	66	9	5.4	0.0	31.9	13
28/08/2023 17:10	3.5	60	8	4.8	0.0	31.5	14
28/08/2023 17:20	3.3	57	7	4.4	0.0	31.2	15
28/08/2023 17:30	3.3	32	9	4.5	0.0	30.8	14
28/08/2023 17:40	3.0	29	8	4.2	0.0	30.8	14
28/08/2023 17:50	2.6	32	7	3.4	0.0	30.5	14
28/08/2023 18:00	3.5	11	10	4.9	0.0	30.0	15
28/08/2023 18:10	3.5	338	7	4.5	0.0	29.0	29
28/08/2023 18:20	3.8	332	6	4.7	0.0	27.9	42
28/08/2023 18:30	4.0	334	7	5.8	0.0	27.1	47
28/08/2023 18:40	3.7	328	6	4.7	0.0	26.9	48
28/08/2023 18:50	3.0	296	29	5.1	0.0	26.2	57
28/08/2023 19:00	1.5	262	49	3.4	0.0	25.6	62
28/08/2023 19:10	1.3	252	24	2.5	0.0	25.3	62
28/08/2023 19:20	2.3	263	14	3.3	0.0	25.1	64
28/08/2023 19:30	1.2	267	36	2.5	0.0	24.8	66
28/08/2023 19:40	2.0	294	35	4.1	0.0	24.7	66
28/08/2023 19:50	1.7	278	49	3.5	0.0	24.4	66
28/08/2023 20:00	2.9	271	12	3.9	0.0	24.3	67
28/08/2023 20:10	2.4	282	10	3.4	0.0	24.2	67
28/08/2023 20:20	2.2	275	15	4.3	0.0	24.1	67
28/08/2023 20:30	2.3	271	10	3.3	0.0	23.9	66
28/08/2023 20:40	2.5	285	8	3.7	0.0	23.9	66
28/08/2023 20:50	1.6	260	16	2.4	0.0	23.9	66
28/08/2023 21:00	1.3	257	21	2.4	0.0	23.8	66
28/08/2023 21:10	1.4	242	21	2.3	0.0	23.6	65
28/08/2023 21:20	1.5	241	13	2.7	0.0	23.6	64
28/08/2023 21:30	1.8	228	9	2.6	0.0	23.5	64
28/08/2023 21:40	2.4	236	7	3.2	0.0	23.7	66
28/08/2023 21:50	2.3	248	3	2.8	0.0	23.3	65
28/08/2023 22:00	2.4	250	4	2.8	0.0	23.1	63
28/08/2023 22:10	2.3	260	2	2.6	0.0	22.8	62
28/08/2023 22:20	2.4	262	2	2.8	0.0	22.5	59
28/08/2023 22:30	2.6	265	4	3.1	0.0	22.3	57
28/08/2023 22:40	2.6	260	5	3.3	0.0	22.3	54
28/08/2023 22:50	2.4	275	4	2.8	0.0	22.3	53
28/08/2023 23:00	3.1	276	3	3.6	0.0	22.2	52
28/08/2023 23:10	2.9	272	5	3.8	0.0	22.3	53
28/08/2023 23:20	3.1	274	5	3.7	0.0	22.2	53
28/08/2023 23:30	3.7	276	3	4.3	0.0	22.2	54
28/08/2023 23:40	3.6	272	3	4.1	0.0	22.1	53
28/08/2023 23:50	3.3	269	4	3.7	0.0	22.0	50
29/08/2023 00:00	3.1	275	4	3.7	0.0	22.0	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/08/2023 00:10	2.6	278	7	3.2	0.0	21.9	47
29/08/2023 00:20	2.1	258	20	3.1	0.0	21.8	49
29/08/2023 00:30	1.1	236	24	2.0	0.0	21.7	52
29/08/2023 00:40	1.1	232	26	1.8	0.0	21.9	57
29/08/2023 00:50	1.0	233	21	1.8	0.0	21.9	59
29/08/2023 01:00	2.2	254	15	3.5	0.0	21.8	61
29/08/2023 01:10	2.1	262	9	3.0	0.0	21.8	62
29/08/2023 01:20	2.5	262	9	3.6	0.0	21.7	64
29/08/2023 01:30	1.6	252	18	2.7	0.0	21.8	64
29/08/2023 01:40	1.4	262	21	2.2	0.0	21.9	64
29/08/2023 01:50	1.4	250	36	2.5	0.0	22.4	61
29/08/2023 02:00	1.2	285	26	1.9	0.0	22.6	59
29/08/2023 02:10	0.9	310	45	1.6	0.0	22.2	59
29/08/2023 02:20	0.8	329	31	1.5	0.0	22.0	58
29/08/2023 02:30	1.3	52	19	2.2	0.0	21.3	60
29/08/2023 02:40	1.0	169	19	1.7	0.0	21.7	57
29/08/2023 02:50	1.1	218	52	2.0	0.0	21.9	55
29/08/2023 03:00	1.2	48	19	1.9	0.0	20.9	58
29/08/2023 03:10	1.1	71	36	1.8	0.0	20.9	57
29/08/2023 03:20	0.9	254	74	2.3	0.0	21.5	53
29/08/2023 03:30	1.8	282	36	3.6	0.0	22.2	50
29/08/2023 03:40	1.7	242	35	3.4	0.0	22.9	48
29/08/2023 03:50	2.3	222	32	4.3	0.0	23.0	48
29/08/2023 04:00	2.2	245	38	4.4	0.0	23.0	47
29/08/2023 04:10	1.8	280	32	3.0	0.0	22.6	47
29/08/2023 04:20	2.1	245	41	4.5	0.0	22.9	45
29/08/2023 04:30	2.1	256	44	3.9	0.0	23.2	43
29/08/2023 04:40	1.3	317	16	1.9	0.0	22.5	44
29/08/2023 04:50	1.1	186	20	1.8	0.0	22.5	43
29/08/2023 05:00	0.9	55	40	1.9	0.0	22.7	41
29/08/2023 05:10	1.3	155	34	2.6	0.0	23.3	38
29/08/2023 05:20	1.9	167	19	3.1	0.0	23.5	38
29/08/2023 05:30	2.2	177	17	4.3	0.0	23.7	35
29/08/2023 05:40	1.7	90	30	3.0	0.0	23.1	37
29/08/2023 05:50	1.5	132	40	2.6	0.0	22.4	37
29/08/2023 06:00	1.7	131	23	2.7	0.0	22.9	36
29/08/2023 06:10	1.4	43	32	2.2	0.0	22.6	35
29/08/2023 06:20	1.6	62	17	2.8	0.0	22.4	35
29/08/2023 06:30	1.4	99	37	2.6	0.0	22.7	34
29/08/2023 06:40	1.0	53	38	1.8	0.0	22.4	34
29/08/2023 06:50	1.3	59	22	2.0	0.0	22.4	33
29/08/2023 07:00	0.9	58	24	1.9	0.0	22.7	32
29/08/2023 07:10	0.7	144	70	1.4	0.0	23.6	30
29/08/2023 07:20	1.2	94	37	2.5	0.0	24.5	28
29/08/2023 07:30	1.9	63	15	2.7	0.0	24.6	27
29/08/2023 07:40	1.0	149	55	2.0	0.0	25.2	25
29/08/2023 07:50	1.8	206	50	2.7	0.0	25.1	27
29/08/2023 08:00	2.1	93	9	2.8	0.0	24.9	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/08/2023 08:10	1.4	80	15	2.2	0.0	25.7	27
29/08/2023 08:20	1.5	69	13	2.1	0.0	25.6	28
29/08/2023 08:30	1.4	129	56	2.7	0.0	26.2	25
29/08/2023 08:40	1.7	152	39	3.8	0.0	26.9	24
29/08/2023 08:50	2.4	170	24	5.8	0.0	27.0	23
29/08/2023 09:00	3.7	176	15	6.7	0.0	27.1	23
29/08/2023 09:10	4.0	174	12	5.9	0.0	27.2	24
29/08/2023 09:20	4.6	174	11	6.9	0.0	27.6	23
29/08/2023 09:30	3.8	175	13	6.6	0.0	28.4	23
29/08/2023 09:40	4.1	182	12	6.9	0.0	29.1	22
29/08/2023 09:50	3.9	179	13	6.1	0.0	29.8	20
29/08/2023 10:00	3.4	171	15	5.4	0.0	30.3	20
29/08/2023 10:10	2.8	165	17	4.7	0.0	30.6	20
29/08/2023 10:20	2.4	127	20	3.8	0.0	30.9	22
29/08/2023 10:30	2.7	99	12	4.0	0.0	30.8	21
29/08/2023 10:40	1.8	114	18	3.2	0.0	31.5	20
29/08/2023 10:50	1.9	109	19	3.3	0.0	32.1	20
29/08/2023 11:00	1.9	117	17	3.2	0.0	32.6	20
29/08/2023 11:10	2.1	127	14	3.5	0.0	32.7	18
29/08/2023 11:20	2.0	130	21	3.1	0.0	32.8	17
29/08/2023 11:30	2.4	115	20	3.5	0.0	33.5	15
29/08/2023 11:40	2.6	110	14	3.6	0.0	33.2	15
29/08/2023 11:50	2.7	137	15	4.0	0.0	32.9	15
29/08/2023 12:00	2.8	117	22	4.4	0.0	33.6	14
29/08/2023 12:10	3.2	95	18	4.9	0.0	33.6	13
29/08/2023 12:20	2.9	96	20	4.8	0.0	33.7	13
29/08/2023 12:30	3.0	99	22	5.1	0.0	33.8	14
29/08/2023 12:40	3.1	76	18	4.8	0.0	33.9	14
29/08/2023 12:50	3.3	90	17	5.0	0.0	34.0	14
29/08/2023 13:00	3.4	74	12	4.9	0.0	33.7	15
29/08/2023 13:10	3.4	77	17	5.4	0.0	33.7	15
29/08/2023 13:20	3.1	85	16	5.3	0.0	33.8	14
29/08/2023 13:30	3.5	67	20	5.4	0.0	33.6	16
29/08/2023 13:40	3.0	50	13	4.6	0.0	33.7	15
29/08/2023 13:50	3.0	74	18	4.4	0.0	34.0	14
29/08/2023 14:00	2.9	77	18	4.4	0.0	33.9	15
29/08/2023 14:10	2.9	75	16	4.5	0.0	34.0	15
29/08/2023 14:20	3.5	47	12	5.0	0.0	33.6	17
29/08/2023 14:30	3.4	56	12	5.7	0.0	33.1	19
29/08/2023 14:40	2.5	41	24	3.9	0.0	33.5	17
29/08/2023 14:50	2.0	44	15	3.5	0.0	33.7	18
29/08/2023 15:00	3.1	63	16	4.9	0.0	34.1	15
29/08/2023 15:10	2.5	54	16	4.1	0.0	33.6	15
29/08/2023 15:20	2.7	49	14	4.2	0.0	33.6	15
29/08/2023 15:30	2.8	54	13	4.5	0.0	33.5	16
29/08/2023 15:40	2.3	48	13	3.4	0.0	33.6	15
29/08/2023 15:50	2.7	46	11	3.7	0.0	33.5	15
29/08/2023 16:00	2.2	49	16	3.4	0.0	33.7	14



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/08/2023 16:10	2.9	37	10	4.0	0.0	33.3	15
29/08/2023 16:20	2.4	36	16	3.3	0.0	33.5	15
29/08/2023 16:30	4.0	346	7	5.0	0.0	32.0	30
29/08/2023 16:40	5.2	340	6	6.6	0.0	29.8	38
29/08/2023 16:50	5.7	341	5	6.8	0.0	29.2	36
29/08/2023 17:00	4.9	340	7	6.0	0.0	29.3	35
29/08/2023 17:10	4.6	340	6	6.2	0.0	29.1	34
29/08/2023 17:20	4.5	339	6	5.6	0.0	29.3	31
29/08/2023 17:30	4.5	338	6	5.3	0.0	29.2	27
29/08/2023 17:40	3.1	336	9	4.5	0.0	29.2	31
29/08/2023 17:50	2.2	324	23	3.7	0.0	28.9	31
29/08/2023 18:00	0.9	178	78	2.2	0.0	28.4	35
29/08/2023 18:10	1.2	29	40	2.5	0.0	27.8	37
29/08/2023 18:20	1.9	352	21	3.3	0.0	27.5	37
29/08/2023 18:30	3.6	332	6	4.7	0.0	28.0	33
29/08/2023 18:40	2.9	332	6	3.5	0.0	27.8	37
29/08/2023 18:50	2.4	346	7	3.3	0.0	27.3	38
29/08/2023 19:00	3.0	346	7	4.2	0.0	27.3	38
29/08/2023 19:10	1.2	263	38	2.4	0.0	27.3	36
29/08/2023 19:20	1.1	223	20	1.8	0.0	27.3	37
29/08/2023 19:30	0.9	238	49	1.7	0.0	27.3	35
29/08/2023 19:40	0.6	87	32	1.0	0.0	26.9	35
29/08/2023 19:50	0.8	126	25	1.3	0.0	26.6	35
29/08/2023 20:00	1.2	219	20	1.7	0.0	27.0	33
29/08/2023 20:10	2.2	254	8	2.9	0.0	26.3	39
29/08/2023 20:20	2.7	264	6	3.6	0.0	25.3	49
29/08/2023 20:30	2.0	253	11	3.3	0.0	25.0	53
29/08/2023 20:40	2.7	258	7	3.2	0.0	25.0	59
29/08/2023 20:50	2.6	270	4	3.3	0.0	24.6	63
29/08/2023 21:00	3.1	276	6	3.7	0.0	24.4	64
29/08/2023 21:10	2.3	267	12	3.3	0.0	24.5	64
29/08/2023 21:20	2.4	283	7	3.0	0.0	24.4	65
29/08/2023 21:30	2.3	261	9	3.1	0.0	24.3	65
29/08/2023 21:40	2.6	259	5	3.4	0.0	24.0	65
29/08/2023 21:50	3.3	271	4	3.9	0.0	23.8	66
29/08/2023 22:00	3.3	270	3	4.0	0.0	23.7	66
29/08/2023 22:10	3.6	268	2	4.0	0.0	23.7	66
29/08/2023 22:20	3.2	269	4	3.9	0.0	23.7	66
29/08/2023 22:30	2.8	263	6	3.6	0.0	23.4	66
29/08/2023 22:40	3.0	264	4	3.9	0.0	23.3	65
29/08/2023 22:50	3.3	265	3	3.9	0.0	23.2	64
29/08/2023 23:00	3.4	276	4	4.1	0.0	23.2	64
29/08/2023 23:10	3.2	283	5	4.1	0.0	23.4	64
29/08/2023 23:20	2.7	279	3	3.2	0.0	23.5	65
29/08/2023 23:30	2.8	273	6	3.7	0.0	23.1	65
29/08/2023 23:40	2.5	272	7	3.2	0.0	23.2	65
29/08/2023 23:50	3.0	275	6	3.9	0.0	22.9	64
30/08/2023 00:00	2.1	283	9	3.0	0.0	23.0	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/08/2023 00:10	2.0	269	9	2.8	0.0	22.9	65
30/08/2023 00:20	1.0	282	24	2.0	0.0	22.5	66
30/08/2023 00:30	1.6	255	19	2.6	0.0	22.5	66
30/08/2023 00:40	1.1	254	21	2.1	0.0	22.8	66
30/08/2023 00:50	0.9	261	31	1.9	0.0	22.4	66
30/08/2023 01:00	1.6	279	14	2.5	0.0	22.5	60
30/08/2023 01:10	1.1	277	40	2.2	0.0	22.5	58
30/08/2023 01:20	1.7	285	11	2.3	0.0	22.4	55
30/08/2023 01:30	0.8	163	37	1.5	0.0	22.8	53
30/08/2023 01:40	0.7	254	55	1.6	0.0	23.3	51
30/08/2023 01:50	0.9	243	27	1.8	0.0	23.3	50
30/08/2023 02:00	0.8	257	23	1.4	0.0	22.9	52
30/08/2023 02:10	0.5	224	49	1.1	0.0	22.6	51
30/08/2023 02:20	0.7	229	51	1.5	0.0	22.6	47
30/08/2023 02:30	0.6	230	48	1.4	0.0	22.6	45
30/08/2023 02:40	0.5	211	55	0.9	0.0	22.6	43
30/08/2023 02:50	0.8	251	25	1.5	0.0	23.0	39
30/08/2023 03:00	1.0	271	18	1.5	0.0	23.3	37
30/08/2023 03:10	1.1	266	20	1.7	0.0	24.4	32
30/08/2023 03:20	1.1	264	15	1.6	0.0	24.7	31
30/08/2023 03:30	1.1	264	32	1.8	0.0	24.3	32
30/08/2023 03:40	0.5	191	68	1.3	0.0	22.6	42
30/08/2023 03:50	1.2	67	13	1.7	0.0	21.4	47
30/08/2023 04:00	1.3	55	12	1.6	0.0	21.4	47
30/08/2023 04:10	1.2	39	6	1.6	0.0	22.8	39
30/08/2023 04:20	0.7	19	14	1.0	0.0	23.0	36
30/08/2023 04:30	0.6	55	20	0.9	0.0	22.1	38
30/08/2023 04:40	0.9	44	20	1.3	0.0	21.7	38
30/08/2023 04:50	0.9	13	16	1.1	0.0	22.0	36
30/08/2023 05:00	1.2	26	10	1.5	0.0	22.5	33
30/08/2023 05:10	1.4	37	16	1.9	0.0	22.8	33
30/08/2023 05:20	0.9	39	44	1.5	0.0	22.9	32
30/08/2023 05:30	0.9	44	66	1.9	0.0	23.8	29
30/08/2023 05:40	1.3	212	35	2.8	0.0	24.5	27
30/08/2023 05:50	1.3	168	68	3.0	0.0	24.7	26
30/08/2023 06:00	1.8	205	18	3.4	0.0	25.6	24
30/08/2023 06:10	1.4	207	33	3.2	0.0	25.7	24
30/08/2023 06:20	0.9	58	83	2.2	0.0	25.3	24
30/08/2023 06:30	1.0	190	62	2.0	0.0	24.7	25
30/08/2023 06:40	1.2	177	46	2.7	0.0	24.5	26
30/08/2023 06:50	1.8	150	17	2.8	0.0	24.8	25
30/08/2023 07:00	1.7	171	20	2.7	0.0	24.9	24
30/08/2023 07:10	1.5	148	33	2.9	0.0	25.3	24
30/08/2023 07:20	1.6	169	26	2.9	0.0	25.5	25
30/08/2023 07:30	0.8	167	73	1.8	0.0	26.3	23
30/08/2023 07:40	1.2	43	28	1.7	0.0	26.5	23
30/08/2023 07:50	0.9	183	80	2.2	0.0	27.1	23
30/08/2023 08:00	1.9	172	43	4.2	0.0	27.6	21



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/08/2023 08:10	1.7	113	22	2.5	0.0	27.9	21
30/08/2023 08:20	1.8	133	30	3.3	0.0	28.4	21
30/08/2023 08:30	2.3	134	23	4.0	0.0	28.4	22
30/08/2023 08:40	1.4	115	54	3.2	0.0	28.8	21
30/08/2023 08:50	1.5	119	67	3.4	0.0	29.5	21
30/08/2023 09:00	1.8	114	28	3.0	0.0	29.5	21
30/08/2023 09:10	1.7	112	39	3.2	0.0	29.4	23
30/08/2023 09:20	2.5	158	28	5.1	0.0	29.9	21
30/08/2023 09:30	2.7	137	21	4.3	0.0	30.3	21
30/08/2023 09:40	2.9	159	23	4.6	0.0	30.7	21
30/08/2023 09:50	2.4	96	29	4.1	0.0	31.3	22
30/08/2023 10:00	1.7	134	28	2.8	0.0	31.2	22
30/08/2023 10:10	2.6	99	15	4.1	0.0	31.8	21
30/08/2023 10:20	2.5	105	20	3.6	0.0	32.1	21
30/08/2023 10:30	2.4	109	14	3.9	0.0	32.6	20
30/08/2023 10:40	2.0	127	17	3.3	0.0	33.3	19
30/08/2023 10:50	2.2	129	18	4.0	0.0	33.7	17
30/08/2023 11:00	2.2	134	16	3.4	0.0	33.9	16
30/08/2023 11:10	2.3	132	13	3.8	0.0	34.2	16
30/08/2023 11:20	2.4	122	16	3.6	0.0	34.6	15
30/08/2023 11:30	2.7	109	19	4.0	0.0	34.5	14
30/08/2023 11:40	2.6	109	14	4.7	0.0	34.9	13
30/08/2023 11:50	3.1	90	16	5.3	0.0	34.5	14
30/08/2023 12:00	3.1	94	16	5.2	0.0	34.6	14
30/08/2023 12:10	3.5	101	16	5.6	0.0	34.5	14
30/08/2023 12:20	3.8	81	12	5.8	0.0	34.5	14
30/08/2023 12:30	3.6	75	10	5.6	0.0	34.3	17
30/08/2023 12:40	4.0	59	11	5.4	0.0	33.4	24
30/08/2023 12:50	3.7	60	10	4.9	0.0	33.4	20
30/08/2023 13:00	4.3	71	11	5.8	0.0	33.9	17
30/08/2023 13:10	4.3	63	11	5.9	0.0	34.0	16
30/08/2023 13:20	4.4	54	9	6.1	0.0	34.2	16
30/08/2023 13:30	4.1	64	15	5.9	0.0	34.7	14
30/08/2023 13:40	4.5	52	11	6.7	0.0	34.2	15
30/08/2023 13:50	4.6	58	8	6.4	0.0	34.1	14
30/08/2023 14:00	4.5	59	11	6.4	0.0	34.4	13
30/08/2023 14:10	4.2	69	13	6.2	0.0	34.7	13
30/08/2023 14:20	4.8	80	14	6.9	0.0	34.9	12
30/08/2023 14:30	4.7	76	12	6.7	0.0	34.9	12
30/08/2023 14:40	5.2	57	9	7.2	0.0	34.4	12
30/08/2023 14:50	5.1	59	10	7.5	0.0	34.2	13
30/08/2023 15:00	5.6	56	8	7.3	0.0	34.1	12
30/08/2023 15:10	4.9	49	12	6.8	0.0	34.1	12
30/08/2023 15:20	5.3	48	10	7.9	0.0	34.3	11
30/08/2023 15:30	5.1	58	12	7.3	0.0	34.8	10
30/08/2023 15:40	5.5	59	8	7.9	0.0	34.8	10
30/08/2023 15:50	4.4	19	14	6.9	0.0	34.1	19
30/08/2023 16:00	4.5	7	12	6.0	0.0	33.4	22



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/08/2023 16:10	4.4	9	9	5.9	0.0	33.2	24
30/08/2023 16:20	4.2	12	9	5.5	0.0	32.8	25
30/08/2023 16:30	3.8	15	10	5.1	0.0	32.7	27
30/08/2023 16:40	4.1	17	9	5.9	0.0	32.5	27
30/08/2023 16:50	4.2	9	8	5.3	0.0	32.1	28
30/08/2023 17:00	4.2	12	8	5.5	0.0	32.0	27
30/08/2023 17:10	4.0	8	9	5.5	0.0	31.5	30
30/08/2023 17:20	3.4	354	9	4.3	0.0	30.8	37
30/08/2023 17:30	4.0	349	6	4.7	0.0	29.8	40
30/08/2023 17:40	3.4	339	7	4.5	0.0	29.0	46
30/08/2023 17:50	3.2	338	7	4.1	0.0	28.5	47
30/08/2023 18:00	3.3	330	8	4.5	0.0	28.1	45
30/08/2023 18:10	3.4	326	6	4.3	0.0	28.0	43
30/08/2023 18:20	3.7	328	5	4.7	0.0	27.7	44
30/08/2023 18:30	3.5	330	7	4.4	0.0	27.5	42
30/08/2023 18:40	3.2	327	7	4.2	0.0	27.3	42
30/08/2023 18:50	3.0	326	8	4.1	0.0	27.4	40
30/08/2023 19:00	2.1	312	24	3.7	0.0	27.4	38
30/08/2023 19:10	0.7	335	57	1.8	0.0	27.1	39
30/08/2023 19:20	0.6	151	62	1.2	0.0	26.7	42
30/08/2023 19:30	0.3	145	75	0.7	0.0	26.4	40
30/08/2023 19:40	1.0	214	22	1.6	0.0	26.3	49
30/08/2023 19:50	1.2	237	13	1.7	0.0	25.9	54
30/08/2023 20:00	2.2	231	14	3.0	0.0	25.8	60
30/08/2023 20:10	1.9	246	8	2.5	0.0	25.3	65
30/08/2023 20:20	3.1	254	4	3.8	0.0	25.1	66
30/08/2023 20:30	3.3	262	3	3.7	0.0	24.6	67
30/08/2023 20:40	2.6	267	2	2.9	0.0	24.3	67
30/08/2023 20:50	2.3	267	3	2.7	0.0	24.3	67
30/08/2023 21:00	2.6	279	4	3.1	0.0	24.3	67
30/08/2023 21:10	2.3	275	5	2.8	0.0	24.2	66
30/08/2023 21:20	3.1	274	4	3.8	0.0	24.2	64
30/08/2023 21:30	2.5	271	3	3.1	0.0	24.2	64
30/08/2023 21:40	1.7	282	8	2.4	0.0	24.2	63
30/08/2023 21:50	1.9	266	4	2.4	0.0	24.4	60
30/08/2023 22:00	1.5	273	10	1.9	0.0	24.5	57
30/08/2023 22:10	1.5	267	6	2.1	0.0	24.7	55
30/08/2023 22:20	2.0	277	5	2.5	0.0	24.3	59
30/08/2023 22:30	1.6	280	8	2.1	0.0	24.1	63
30/08/2023 22:40	1.9	269	5	2.4	0.0	24.0	66
30/08/2023 22:50	1.6	278	5	2.0	0.0	23.9	68
30/08/2023 23:00	1.5	274	8	2.0	0.0	23.8	67
30/08/2023 23:10	1.3	273	18	1.9	0.0	23.4	68
30/08/2023 23:20	1.0	284	21	1.8	0.0	23.6	68
30/08/2023 23:30	0.9	279	14	1.4	0.0	23.3	68
30/08/2023 23:40	0.8	271	47	1.8	0.0	23.4	68
30/08/2023 23:50	2.0	271	7	2.3	0.0	23.4	68
31/08/2023 00:00	2.2	272	5	2.5	0.0	23.4	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/08/2023 00:10	2.1	276	5	2.5	0.0	23.5	68
31/08/2023 00:20	1.7	274	13	2.2	0.0	23.4	68
31/08/2023 00:30	1.6	282	6	1.9	0.0	23.5	67
31/08/2023 00:40	1.5	274	11	2.1	0.0	23.6	62
31/08/2023 00:50	1.1	221	35	1.8	0.0	23.3	63
31/08/2023 01:00	1.5	271	14	2.1	0.0	23.8	55
31/08/2023 01:10	1.5	269	11	2.0	0.0	24.6	47
31/08/2023 01:20	1.4	275	10	1.9	0.0	24.4	45
31/08/2023 01:30	0.9	284	18	1.3	0.0	23.2	50
31/08/2023 01:40	0.7	289	38	1.2	0.0	22.9	50
31/08/2023 01:50	0.9	333	10	1.3	0.0	23.7	44
31/08/2023 02:00	0.8	348	25	1.1	0.0	23.9	42
31/08/2023 02:10	1.0	49	12	1.3	0.0	22.9	45
31/08/2023 02:20	1.3	35	8	1.7	0.0	23.5	40
31/08/2023 02:30	0.8	199	15	1.1	0.0	24.4	36
31/08/2023 02:40	0.5	324	24	0.8	0.0	24.1	36
31/08/2023 02:50	0.6	21	24	0.9	0.0	23.5	35
31/08/2023 03:00	0.5	305	28	1.3	0.0	24.4	32
31/08/2023 03:10	0.9	182	34	1.6	0.0	23.3	36
31/08/2023 03:20	1.0	154	60	2.0	0.0	22.8	36
31/08/2023 03:30	1.4	210	31	2.7	0.0	24.7	29
31/08/2023 03:40	1.9	197	22	3.3	0.0	25.0	27
31/08/2023 03:50	1.6	191	17	2.7	0.0	25.2	26
31/08/2023 04:00	1.2	235	50	2.2	0.0	24.3	28
31/08/2023 04:10	1.8	178	23	3.5	0.0	25.5	24
31/08/2023 04:20	1.2	79	68	2.5	0.0	24.7	26
31/08/2023 04:30	1.1	107	69	3.9	0.0	24.1	27
31/08/2023 04:40	1.6	152	40	3.3	0.0	24.3	26
31/08/2023 04:50	2.2	186	26	3.6	0.0	24.9	24
31/08/2023 05:00	2.0	171	20	4.3	0.0	25.1	25
31/08/2023 05:10	2.5	186	17	3.9	0.0	25.3	24
31/08/2023 05:20	1.7	146	29	3.3	0.0	25.2	25
31/08/2023 05:30	0.9	125	39	1.6	0.0	24.4	25
31/08/2023 05:40	1.9	142	54	3.7	0.0	24.5	25
31/08/2023 05:50	2.0	147	25	3.8	0.0	25.0	25
31/08/2023 06:00	1.9	169	34	3.5	0.0	25.5	23
31/08/2023 06:10	1.1	121	49	2.2	0.0	24.7	24
31/08/2023 06:20	2.0	120	20	3.3	0.0	23.9	25
31/08/2023 06:30	2.4	145	17	4.1	0.0	24.6	25
31/08/2023 06:40	3.0	115	25	7.1	0.0	24.8	23
31/08/2023 06:50	1.8	76	10	2.8	0.0	23.6	26
31/08/2023 07:00	1.5	78	9	2.1	0.0	22.9	28
31/08/2023 07:10	1.6	83	7	2.4	0.0	23.0	31
31/08/2023 07:20	1.5	71	7	1.9	0.0	23.2	33
31/08/2023 07:30	1.4	73	9	2.1	0.0	23.7	36
31/08/2023 07:40	1.9	89	11	2.6	0.0	24.3	38
31/08/2023 07:50	2.1	96	9	2.9	0.0	24.5	40
31/08/2023 08:00	1.7	100	13	2.5	0.0	24.8	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/08/2023 08:10	1.8	96	10	2.6	0.0	25.0	39
31/08/2023 08:20	1.6	95	12	2.5	0.0	25.6	37
31/08/2023 08:30	1.8	79	13	2.5	0.0	25.7	34
31/08/2023 08:40	1.8	79	15	2.7	0.0	26.2	30
31/08/2023 08:50	2.1	83	9	2.7	0.0	26.4	27
31/08/2023 09:00	2.2	76	10	3.1	0.0	26.7	25
31/08/2023 09:10	2.1	81	11	3.1	0.0	26.9	23
31/08/2023 09:20	2.4	91	13	3.5	0.0	27.5	22
31/08/2023 09:30	3.1	86	10	4.2	0.0	27.3	25
31/08/2023 09:40	2.6	97	15	4.1	0.0	27.7	26
31/08/2023 09:50	2.7	96	12	4.3	0.0	28.0	26
31/08/2023 10:00	2.3	103	16	3.5	0.0	28.5	25
31/08/2023 10:10	2.2	100	16	3.3	0.0	29.4	23
31/08/2023 10:20	2.3	112	18	3.4	0.0	30.2	20
31/08/2023 10:30	3.0	109	11	4.5	0.0	30.5	19
31/08/2023 10:40	3.6	102	12	5.2	0.0	30.4	19
31/08/2023 10:50	2.6	101	15	4.2	0.0	31.3	18
31/08/2023 11:00	3.0	112	14	4.7	0.0	32.4	15
31/08/2023 11:10	2.9	95	16	4.4	0.0	32.8	15
31/08/2023 11:20	2.9	109	20	4.5	0.0	33.2	14
31/08/2023 11:30	3.0	98	16	5.0	0.0	33.5	14
31/08/2023 11:40	3.8	102	17	5.5	0.0	33.7	13
31/08/2023 11:50	3.4	74	17	5.1	0.0	33.5	15
31/08/2023 12:00	4.0	72	14	5.4	0.0	33.1	17
31/08/2023 12:10	5.8	64	9	8.2	0.0	32.5	18
31/08/2023 12:20	6.7	62	8	9.2	0.0	31.7	21
31/08/2023 12:30	6.4	58	9	9.2	0.0	31.5	23
31/08/2023 12:40	7.1	60	8	9.4	0.0	31.8	20
31/08/2023 12:50	7.6	61	8	10.5	0.0	31.9	17
31/08/2023 13:00	7.7	62	7	10.5	0.0	31.7	16
31/08/2023 13:10	7.9	64	8	11.3	0.0	31.8	15
31/08/2023 13:20	8.1	66	9	11.0	0.0	31.2	17
31/08/2023 13:30	8.0	67	7	11.3	0.0	31.2	17
31/08/2023 13:40	8.7	67	8	11.0	0.0	30.8	18
31/08/2023 13:50	8.4	71	10	11.7	0.0	30.4	21
31/08/2023 14:00	8.1	67	8	10.8	0.0	30.4	22
31/08/2023 14:10	7.9	69	8	10.5	0.0	30.5	23
31/08/2023 14:20	7.7	67	9	10.1	0.0	30.3	24
31/08/2023 14:30	7.7	64	8	10.5	0.0	30.3	26
31/08/2023 14:40	7.5	64	9	10.3	0.0	30.3	27
31/08/2023 14:50	7.5	62	9	11.2	0.0	30.3	27
31/08/2023 15:00	7.0	57	9	9.3	0.0	30.3	28
31/08/2023 15:10	7.8	58	7	10.6	0.0	29.8	26
31/08/2023 15:20	7.2	59	7	10.0	0.0	29.9	26
31/08/2023 15:30	6.8	62	8	9.6	0.0	30.0	26
31/08/2023 15:40	7.1	60	7	10.1	0.0	29.9	27
31/08/2023 15:50	7.1	61	9	9.6	0.0	29.9	26
31/08/2023 16:00	7.1	61	8	9.4	0.0	29.9	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/08/2023 16:10	7.0	59	7	9.2	0.0	30.0	26
31/08/2023 16:20	6.5	61	8	9.3	0.0	30.2	25
31/08/2023 16:30	6.8	57	7	9.7	0.0	30.0	26
31/08/2023 16:40	6.7	55	7	9.4	0.0	29.9	25
31/08/2023 16:50	6.4	56	6	8.2	0.0	29.8	25
31/08/2023 17:00	5.6	60	8	7.4	0.0	29.8	26
31/08/2023 17:10	5.2	61	8	7.0	0.0	29.7	26
31/08/2023 17:20	3.8	55	8	5.8	0.0	29.8	25
31/08/2023 17:30	4.1	21	12	6.0	0.0	30.7	19
31/08/2023 17:40	4.3	24	10	5.9	0.0	30.4	19
31/08/2023 17:50	3.8	188	12	5.4	0.0	29.9	21
31/08/2023 18:00	5.0	178	7	6.4	0.0	29.0	24
31/08/2023 18:10	4.4	355	6	5.8	0.0	28.6	27
31/08/2023 18:20	4.1	351	7	5.6	0.0	28.5	26
31/08/2023 18:30	2.8	216	27	4.8	0.0	28.3	26
31/08/2023 18:40	0.9	186	47	1.6	0.0	27.6	30
31/08/2023 18:50	1.0	66	53	2.2	0.0	27.3	29
31/08/2023 19:00	0.4	287	51	0.9	0.0	27.1	30
31/08/2023 19:10	0.4	238	46	0.8	0.0	26.7	31
31/08/2023 19:20	1.2	15	41	2.1	0.0	26.8	32
31/08/2023 19:30	1.4	31	27	2.2	0.0	26.9	30
31/08/2023 19:40	0.9	188	34	1.4	0.0	26.5	33
31/08/2023 19:50	0.4	288	28	0.9	0.0	25.4	42
31/08/2023 20:00	0.2	95	63	0.3	0.0	25.4	37
31/08/2023 20:10	0.3	175	56	0.7	0.0	25.5	37
31/08/2023 20:20	0.5	275	25	1.1	0.0	25.2	42
31/08/2023 20:30	0.6	264	56	1.4	0.0	25.1	39
31/08/2023 20:40	0.3	143	34	0.7	0.0	24.5	39
31/08/2023 20:50	0.8	310	42	1.4	0.0	24.1	38
31/08/2023 21:00	0.5	195	42	1.3	0.0	24.0	38
31/08/2023 21:10	1.6	268	6	2.0	0.0	24.4	44
31/08/2023 21:20	3.0	274	4	3.8	0.0	23.7	55
31/08/2023 21:30	3.7	279	5	4.7	0.0	23.6	59
31/08/2023 21:40	2.0	280	5	2.4	0.0	24.0	58
31/08/2023 21:50	2.1	277	5	2.5	0.0	23.9	57
31/08/2023 22:00	2.4	273	4	2.9	0.0	23.7	56
31/08/2023 22:10	2.1	263	6	2.7	0.0	23.9	54
31/08/2023 22:20	1.6	273	18	2.3	0.0	23.7	55
31/08/2023 22:30	1.3	256	22	2.1	0.0	23.5	54
31/08/2023 22:40	0.8	278	29	1.6	0.0	22.9	55
31/08/2023 22:50	1.6	256	24	2.4	0.0	22.5	59
31/08/2023 23:00	3.3	267	5	4.0	0.0	22.7	66
31/08/2023 23:10	3.0	263	7	3.8	0.0	22.6	68
31/08/2023 23:20	2.9	271	5	3.5	0.0	22.5	69
31/08/2023 23:30	3.2	271	4	3.7	0.0	22.4	68
31/08/2023 23:40	2.9	270	5	3.5	0.0	22.3	68
31/08/2023 23:50	2.6	273	4	3.0	0.0	22.3	68
01/09/2023 00:00	2.6	272	4	3.2	0.0	22.2	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/09/2023 00:10	2.6	272	3	3.0	0.0	22.0	68
01/09/2023 00:20	2.4	271	4	2.8	0.0	22.1	68
01/09/2023 00:30	2.5	275	9	3.6	0.0	22.2	66
01/09/2023 00:40	3.0	273	4	3.5	0.0	22.3	64
01/09/2023 00:50	3.5	274	5	4.0	0.0	22.5	64
01/09/2023 01:00	2.8	262	19	4.1	0.0	22.7	63
01/09/2023 01:10	0.7	196	32	1.5	0.0	22.0	64
01/09/2023 01:20	0.7	185	56	1.8	0.0	22.0	62
01/09/2023 01:30	0.9	221	42	1.6	0.0	22.7	58
01/09/2023 01:40	1.9	207	24	3.5	0.0	23.5	51
01/09/2023 01:50	1.5	167	37	3.1	0.0	23.9	47
01/09/2023 02:00	0.9	199	57	1.7	0.0	23.0	50
01/09/2023 02:10	0.6	292	42	1.1	0.0	22.5	49
01/09/2023 02:20	0.9	85	56	1.5	0.0	22.6	47
01/09/2023 02:30	0.7	174	21	1.1	0.0	22.9	45
01/09/2023 02:40	0.5	324	57	0.9	0.0	22.3	46
01/09/2023 02:50	1.1	37	35	1.6	0.0	22.0	48
01/09/2023 03:00	1.0	56	12	1.5	0.0	21.5	48
01/09/2023 03:10	1.3	121	37	2.8	0.0	22.1	46
01/09/2023 03:20	2.4	170	14	3.9	0.0	23.7	42
01/09/2023 03:30	2.3	176	12	3.5	0.0	24.0	40
01/09/2023 03:40	2.3	196	16	4.2	0.0	24.1	38
01/09/2023 03:50	1.8	189	20	2.9	0.0	24.2	37
01/09/2023 04:00	1.1	131	48	2.3	0.0	23.7	38
01/09/2023 04:10	1.6	205	34	2.9	0.0	24.2	37
01/09/2023 04:20	1.5	252	69	4.0	0.0	24.3	36
01/09/2023 04:30	1.3	269	61	2.8	0.0	24.3	34
01/09/2023 04:40	1.9	163	29	3.4	0.0	24.1	34
01/09/2023 04:50	1.6	147	28	2.9	0.0	24.1	35
01/09/2023 05:00	1.5	148	31	3.0	0.0	23.9	34
01/09/2023 05:10	1.5	186	45	2.5	0.0	24.1	33
01/09/2023 05:20	1.5	176	56	3.1	0.0	24.3	33
01/09/2023 05:30	1.0	292	53	1.7	0.0	24.1	32
01/09/2023 05:40	0.9	114	76	1.8	0.0	23.8	33
01/09/2023 05:50	1.0	37	43	2.1	0.0	23.5	33
01/09/2023 06:00	1.1	188	57	2.6	0.0	23.4	33
01/09/2023 06:10	1.0	183	43	1.9	0.0	23.3	33
01/09/2023 06:20	1.3	260	61	2.9	0.0	23.7	32
01/09/2023 06:30	1.2	214	45	2.2	0.0	23.6	31
01/09/2023 06:40	1.1	287	46	2.7	0.0	24.0	30
01/09/2023 06:50	1.7	184	43	3.8	0.0	24.4	29
01/09/2023 07:00	1.1	264	91	2.9	0.0	24.8	27
01/09/2023 07:10	1.4	177	49	2.1	0.0	25.1	26
01/09/2023 07:20	2.5	98	8	3.3	0.0	25.1	27
01/09/2023 07:30	2.6	94	7	3.5	0.0	25.0	28
01/09/2023 07:40	1.9	94	12	2.7	0.0	25.1	28
01/09/2023 07:50	1.6	90	10	2.4	0.0	25.1	29
01/09/2023 08:00	1.9	91	11	2.6	0.0	25.0	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/09/2023 08:10	2.0	92	8	2.9	0.0	25.2	31
01/09/2023 08:20	2.1	89	10	2.9	0.0	25.2	33
01/09/2023 08:30	2.4	95	12	3.2	0.0	25.3	35
01/09/2023 08:40	2.4	95	13	3.5	0.0	25.4	35
01/09/2023 08:50	2.6	95	7	3.1	0.0	25.4	35
01/09/2023 09:00	2.2	97	10	3.1	0.0	26.0	35
01/09/2023 09:10	2.1	92	16	3.2	0.0	26.2	34
01/09/2023 09:20	2.3	95	15	3.7	0.0	26.7	30
01/09/2023 09:30	2.6	101	15	4.0	0.0	27.1	29
01/09/2023 09:40	2.6	105	13	3.6	0.0	27.0	28
01/09/2023 09:50	2.4	98	12	3.4	0.0	27.1	30
01/09/2023 10:00	2.5	96	17	3.7	0.0	27.6	29
01/09/2023 10:10	3.5	87	11	5.0	0.0	28.2	25
01/09/2023 10:20	4.4	69	12	6.5	0.0	28.3	27
01/09/2023 10:30	4.6	65	10	6.5	0.0	28.2	30
01/09/2023 10:40	4.3	53	9	5.8	0.0	27.6	36
01/09/2023 10:50	4.8	55	9	6.2	0.0	27.9	38
01/09/2023 11:00	5.0	57	7	6.5	0.0	28.1	38
01/09/2023 11:10	4.7	58	11	6.5	0.0	28.7	33
01/09/2023 11:20	4.7	59	9	6.8	0.0	29.1	31
01/09/2023 11:30	5.3	61	7	7.1	0.0	29.1	31
01/09/2023 11:40	6.0	61	10	7.8	0.0	29.1	27
01/09/2023 11:50	6.6	61	8	8.3	0.0	28.9	30
01/09/2023 12:00	7.0	65	8	9.1	0.0	28.9	31
01/09/2023 12:10	7.5	62	8	10.2	0.0	28.7	35
01/09/2023 12:20	7.0	63	9	9.7	0.0	29.0	36
01/09/2023 12:30	7.3	66	8	9.6	0.0	28.9	35
01/09/2023 12:40	8.0	63	9	10.7	0.0	29.1	32
01/09/2023 12:50	7.2	62	8	9.6	0.0	29.0	34
01/09/2023 13:00	7.1	62	8	10.0	0.0	29.0	35
01/09/2023 13:10	6.8	59	10	9.3	0.0	29.5	34
01/09/2023 13:20	7.5	61	8	9.8	0.0	29.3	35
01/09/2023 13:30	7.2	61	7	9.6	0.0	29.6	34
01/09/2023 13:40	7.5	61	7	10.4	0.0	29.7	33
01/09/2023 13:50	7.4	57	8	10.3	0.0	29.6	33
01/09/2023 14:00	7.5	59	8	10.7	0.0	29.5	34
01/09/2023 14:10	7.6	60	8	10.7	0.0	29.5	35
01/09/2023 14:20	7.5	62	9	10.0	0.0	29.7	33
01/09/2023 14:30	6.9	63	9	9.4	0.0	30.4	29
01/09/2023 14:40	7.7	59	7	9.5	0.0	30.2	30
01/09/2023 14:50	7.0	60	9	10.2	0.0	30.3	28
01/09/2023 15:00	7.0	60	8	9.7	0.0	30.5	26
01/09/2023 15:10	6.8	61	8	8.9	0.0	30.4	26
01/09/2023 15:20	6.8	62	7	9.3	0.0	30.6	25
01/09/2023 15:30	6.6	62	8	8.4	0.0	30.8	24
01/09/2023 15:40	6.3	62	9	8.7	0.0	30.8	25
01/09/2023 15:50	5.9	64	7	8.3	0.0	31.0	26
01/09/2023 16:00	5.9	64	7	7.7	0.0	31.0	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/09/2023 16:10	5.7	70	6	7.6	0.0	30.9	26
01/09/2023 16:20	5.0	64	8	6.6	0.0	31.2	27
01/09/2023 16:30	4.6	61	8	6.0	0.0	31.3	26
01/09/2023 16:40	4.5	64	8	6.2	0.0	31.0	27
01/09/2023 16:50	4.6	57	7	6.1	0.0	31.4	23
01/09/2023 17:00	3.9	54	9	5.2	0.0	31.3	25
01/09/2023 17:10	3.7	54	7	4.9	0.0	30.8	29
01/09/2023 17:20	3.3	54	7	4.2	0.0	30.4	30
01/09/2023 17:30	3.2	57	7	4.4	0.0	30.0	30
01/09/2023 17:40	3.1	59	7	4.0	0.0	29.4	31
01/09/2023 17:50	2.8	55	6	3.5	0.0	28.8	32
01/09/2023 18:00	2.3	55	6	3.0	0.0	28.0	33
01/09/2023 18:10	2.1	61	7	2.8	0.0	27.5	34
01/09/2023 18:20	1.8	61	7	2.5	0.0	27.1	35
01/09/2023 18:30	0.8	199	44	2.0	0.0	26.8	35
01/09/2023 18:40	1.3	294	26	2.2	0.0	26.8	37
01/09/2023 18:50	2.6	341	9	3.6	0.0	27.3	38
01/09/2023 19:00	2.9	288	11	4.2	0.0	26.8	51
01/09/2023 19:10	3.0	278	7	4.0	0.0	25.2	67
01/09/2023 19:20	3.3	276	9	4.8	0.0	25.0	66
01/09/2023 19:30	4.2	269	5	5.1	0.0	24.9	66
01/09/2023 19:40	4.4	262	3	5.3	0.0	24.6	67
01/09/2023 19:50	4.0	267	4	4.8	0.0	24.4	68
01/09/2023 20:00	3.8	272	4	4.9	0.0	24.1	68
01/09/2023 20:10	4.3	275	4	5.5	0.0	24.2	68
01/09/2023 20:20	4.3	274	5	5.3	0.0	24.1	68
01/09/2023 20:30	4.0	268	4	4.7	0.0	23.9	68
01/09/2023 20:40	3.8	267	5	4.5	0.0	23.8	68
01/09/2023 20:50	4.2	266	4	4.9	0.0	23.9	68
01/09/2023 21:00	4.3	268	4	5.0	0.0	23.7	68
01/09/2023 21:10	3.9	270	4	4.8	0.0	23.6	68
01/09/2023 21:20	4.0	271	3	4.5	0.0	23.5	68
01/09/2023 21:30	3.9	270	3	4.4	0.0	23.3	68
01/09/2023 21:40	3.8	268	3	4.2	0.0	23.3	68
01/09/2023 21:50	4.1	268	3	4.6	0.0	23.4	68
01/09/2023 22:00	3.5	269	3	4.2	0.0	23.2	68
01/09/2023 22:10	4.0	272	3	4.7	0.0	23.1	68
01/09/2023 22:20	3.7	274	5	4.3	0.0	23.5	68
01/09/2023 22:30	2.4	276	5	3.0	0.0	23.2	68
01/09/2023 22:40	1.6	282	11	2.4	0.0	23.0	69
01/09/2023 22:50	2.0	300	9	2.7	0.0	22.9	69
01/09/2023 23:00	2.1	295	7	2.8	0.0	23.1	69
01/09/2023 23:10	1.8	288	6	2.2	0.0	22.9	69
01/09/2023 23:20	2.1	278	6	2.6	0.0	22.6	69
01/09/2023 23:30	1.9	286	9	2.6	0.0	22.4	69
01/09/2023 23:40	1.9	281	8	2.5	0.0	22.3	69
01/09/2023 23:50	1.9	279	7	2.3	0.0	22.1	68
02/09/2023 00:00	1.5	291	6	1.8	0.0	22.3	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/09/2023 00:10	1.3	289	9	1.7	0.0	22.4	68
02/09/2023 00:20	2.6	259	4	3.1	0.0	21.8	68
02/09/2023 00:30	2.3	263	3	2.6	0.0	21.4	66
02/09/2023 00:40	2.2	260	3	2.4	0.0	21.2	65
02/09/2023 00:50	2.3	259	3	2.5	0.0	21.4	65
02/09/2023 01:00	2.4	260	3	2.9	0.0	21.4	65
02/09/2023 01:10	2.3	258	3	2.6	0.0	21.5	65
02/09/2023 01:20	2.3	257	4	2.6	0.0	21.3	63
02/09/2023 01:30	2.4	269	4	2.8	0.0	21.3	60
02/09/2023 01:40	2.9	268	3	3.4	0.0	21.4	56
02/09/2023 01:50	3.7	262	3	4.3	0.0	22.0	52
02/09/2023 02:00	3.2	261	2	3.7	0.0	21.9	51
02/09/2023 02:10	3.4	263	2	4.1	0.0	21.7	49
02/09/2023 02:20	3.5	263	2	3.8	0.0	21.5	46
02/09/2023 02:30	4.1	265	2	4.6	0.0	21.6	44
02/09/2023 02:40	3.9	266	3	4.7	0.0	21.3	44
02/09/2023 02:50	4.2	268	2	4.5	0.0	21.2	45
02/09/2023 03:00	4.2	267	1	4.6	0.0	21.3	48
02/09/2023 03:10	4.3	269	1	4.7	0.0	21.4	50
02/09/2023 03:20	4.2	267	2	4.7	0.0	21.4	51
02/09/2023 03:30	4.1	268	2	4.7	0.0	21.4	51
02/09/2023 03:40	4.1	269	2	4.8	0.0	21.4	50
02/09/2023 03:50	4.5	271	2	4.9	0.0	21.4	50
02/09/2023 04:00	4.3	270	3	5.1	0.0	21.4	51
02/09/2023 04:10	3.7	268	3	4.5	0.0	21.3	52
02/09/2023 04:20	3.5	268	2	4.1	0.0	21.0	52
02/09/2023 04:30	3.7	272	2	4.1	0.0	20.8	53
02/09/2023 04:40	3.2	273	4	3.7	0.0	20.7	54
02/09/2023 04:50	3.3	274	4	3.9	0.0	20.7	56
02/09/2023 05:00	4.0	276	3	4.6	0.0	20.8	58
02/09/2023 05:10	4.0	276	3	4.7	0.0	20.9	60
02/09/2023 05:20	4.1	274	3	4.6	0.0	20.9	61
02/09/2023 05:30	4.0	272	3	4.6	0.0	20.7	62
02/09/2023 05:40	4.1	271	2	4.6	0.0	20.6	64
02/09/2023 05:50	4.3	274	3	5.0	0.0	20.7	65
02/09/2023 06:00	4.6	278	4	5.7	0.0	21.2	65
02/09/2023 06:10	3.7	274	8	5.1	0.0	21.2	64
02/09/2023 06:20	3.1	266	13	5.0	0.0	21.3	63
02/09/2023 06:30	2.4	258	13	3.9	0.0	21.3	63
02/09/2023 06:40	1.9	251	17	3.1	0.0	21.1	63
02/09/2023 06:50	1.6	252	19	2.6	0.0	21.1	62
02/09/2023 07:00	1.2	235	26	2.4	0.0	21.4	60
02/09/2023 07:10	1.4	250	26	2.6	0.0	21.8	56
02/09/2023 07:20	1.6	266	18	2.7	0.0	22.2	53
02/09/2023 07:30	1.4	257	21	2.3	0.0	22.5	51
02/09/2023 07:40	1.4	266	22	2.3	0.0	23.0	49
02/09/2023 07:50	2.3	237	20	3.9	0.0	24.0	42
02/09/2023 08:00	2.9	227	14	4.6	0.0	24.8	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/09/2023 08:10	3.4	225	12	5.4	0.0	25.3	34
02/09/2023 08:20	3.6	220	9	5.2	0.0	25.8	33
02/09/2023 08:30	3.4	219	9	5.3	0.0	26.2	31
02/09/2023 08:40	3.5	210	12	5.6	0.0	26.5	31
02/09/2023 08:50	3.7	209	10	5.5	0.0	26.8	31
02/09/2023 09:00	3.7	204	12	5.4	0.0	27.1	30
02/09/2023 09:10	4.0	195	11	5.9	0.0	27.4	29
02/09/2023 09:20	4.0	195	11	5.5	0.0	27.7	29
02/09/2023 09:30	3.9	197	11	5.3	0.0	28.0	28
02/09/2023 09:40	3.3	192	11	4.5	0.0	28.4	28
02/09/2023 09:50	3.3	201	9	4.5	0.0	28.6	27
02/09/2023 10:00	3.0	195	13	4.4	0.0	28.9	26
02/09/2023 10:10	3.1	198	12	4.2	0.0	29.3	26
02/09/2023 10:20	2.7	197	19	4.0	0.0	29.6	25
02/09/2023 10:30	3.4	212	9	5.2	0.0	30.0	24
02/09/2023 10:40	2.8	205	20	4.5	0.0	30.2	24
02/09/2023 10:50	3.2	220	18	4.8	0.0	30.8	24
02/09/2023 11:00	3.4	215	17	5.2	0.0	31.0	23
02/09/2023 11:10	3.6	216	19	5.5	0.0	31.3	21
02/09/2023 11:20	3.3	221	27	5.4	0.0	31.6	21
02/09/2023 11:30	3.0	193	28	5.8	0.0	31.7	20
02/09/2023 11:40	2.2	157	30	3.7	0.0	32.1	20
02/09/2023 11:50	2.8	254	36	5.1	0.0	32.4	20
02/09/2023 12:00	3.6	277	21	5.2	0.0	32.3	20
02/09/2023 12:10	3.8	323	20	5.1	0.0	31.6	24
02/09/2023 12:20	3.6	313	11	5.3	0.0	31.4	24
02/09/2023 12:30	3.8	315	12	5.5	0.0	31.5	26
02/09/2023 12:40	4.6	326	7	5.6	0.0	30.9	27
02/09/2023 12:50	4.9	321	7	6.1	0.0	30.8	28
02/09/2023 13:00	4.5	321	12	6.3	0.0	30.9	28
02/09/2023 13:10	4.4	324	16	6.3	0.0	31.2	27
02/09/2023 13:20	5.1	307	9	7.3	0.0	30.7	30
02/09/2023 13:30	5.3	312	8	7.1	0.0	30.2	31
02/09/2023 13:40	5.1	301	10	7.3	0.0	30.6	29
02/09/2023 13:50	5.5	299	10	8.1	0.0	30.3	30
02/09/2023 14:00	5.9	297	10	7.8	0.0	30.3	30
02/09/2023 14:10	5.8	296	8	7.8	0.0	30.0	31
02/09/2023 14:20	5.3	290	8	7.6	0.0	30.0	39
02/09/2023 14:30	5.5	289	9	7.2	0.0	29.8	42
02/09/2023 14:40	5.7	289	9	7.6	0.0	29.7	42
02/09/2023 14:50	5.9	285	7	7.5	0.0	29.8	41
02/09/2023 15:00	6.2	287	7	7.9	0.0	29.5	44
02/09/2023 15:10	6.1	285	8	7.9	0.0	29.4	46
02/09/2023 15:20	5.8	293	8	7.6	0.0	29.1	45
02/09/2023 15:30	6.2	282	10	8.8	0.0	29.4	42
02/09/2023 15:40	7.0	279	7	9.3	0.0	29.3	39
02/09/2023 15:50	6.7	274	8	9.4	0.0	29.3	37
02/09/2023 16:00	7.3	270	8	10.1	0.0	29.1	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/09/2023 16:10	8.2	273	6	10.5	0.0	28.5	40
02/09/2023 16:20	8.1	272	9	11.0	0.0	28.3	42
02/09/2023 16:30	7.5	272	7	10.2	0.0	28.1	45
02/09/2023 16:40	8.1	272	6	10.7	0.0	27.6	48
02/09/2023 16:50	7.5	276	6	10.3	0.0	27.4	51
02/09/2023 17:00	7.6	275	8	9.8	0.0	27.1	53
02/09/2023 17:10	8.2	272	8	10.8	0.0	26.6	57
02/09/2023 17:20	8.1	271	6	10.9	0.0	26.3	58
02/09/2023 17:30	8.6	279	6	11.0	0.0	25.9	60
02/09/2023 17:40	8.1	279	6	10.6	0.0	25.6	62
02/09/2023 17:50	8.5	278	6	11.0	0.0	25.3	64
02/09/2023 18:00	8.2	275	7	11.0	0.0	25.0	65
02/09/2023 18:10	8.0	274	6	11.0	0.0	24.8	65
02/09/2023 18:20	8.5	275	5	11.6	0.0	24.6	66
02/09/2023 18:30	9.2	274	7	12.0	0.0	24.5	66
02/09/2023 18:40	9.0	271	6	12.2	0.0	24.5	66
02/09/2023 18:50	7.7	272	7	10.3	0.0	24.4	66
02/09/2023 19:00	7.2	269	7	10.1	0.0	24.4	66
02/09/2023 19:10	7.7	264	6	9.7	0.0	24.5	65
02/09/2023 19:20	7.7	265	7	10.3	0.0	24.5	65
02/09/2023 19:30	7.3	263	8	9.9	0.0	24.4	65
02/09/2023 19:40	7.5	264	7	10.0	0.0	24.3	66
02/09/2023 19:50	7.2	260	7	9.4	0.0	24.1	66
02/09/2023 20:00	8.2	260	7	11.3	0.0	24.0	67
02/09/2023 20:10	7.5	261	7	9.9	0.0	23.9	67
02/09/2023 20:20	7.9	261	6	11.2	0.0	23.8	67
02/09/2023 20:30	7.5	261	6	10.2	0.0	23.7	67
02/09/2023 20:40	7.1	258	5	10.4	0.0	23.5	67
02/09/2023 20:50	7.0	259	6	9.7	0.0	23.4	67
02/09/2023 21:00	6.9	258	6	9.9	0.0	23.3	67
02/09/2023 21:10	7.8	258	7	10.9	0.0	23.3	66
02/09/2023 21:20	8.2	259	7	11.3	0.0	23.2	66
02/09/2023 21:30	7.4	257	6	9.9	0.0	23.0	66
02/09/2023 21:40	5.8	256	6	7.7	0.0	22.8	66
02/09/2023 21:50	6.6	256	7	8.6	0.0	22.8	66
02/09/2023 22:00	7.3	257	5	10.0	0.0	22.7	65
02/09/2023 22:10	6.6	256	6	9.0	0.0	22.6	65
02/09/2023 22:20	6.3	255	7	8.7	0.0	22.5	65
02/09/2023 22:30	6.4	254	7	8.5	0.0	22.4	65
02/09/2023 22:40	6.4	256	6	9.1	0.0	22.3	65
02/09/2023 22:50	6.6	255	7	8.5	0.0	22.3	65
02/09/2023 23:00	6.6	255	7	9.0	0.0	22.2	65
02/09/2023 23:10	6.3	255	7	8.7	0.0	22.0	64
02/09/2023 23:20	6.3	255	7	8.1	0.0	22.0	64
02/09/2023 23:30	6.4	255	7	8.8	0.0	22.0	63
02/09/2023 23:40	7.1	253	8	9.8	0.0	22.2	62
02/09/2023 23:50	7.0	252	7	9.9	0.0	22.3	60
03/09/2023 00:00	6.8	253	7	9.0	0.0	22.2	58



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/09/2023 00:10	7.3	255	7	9.9	0.0	22.0	58
03/09/2023 00:20	7.8	253	7	10.8	0.0	22.0	58
03/09/2023 00:30	8.2	251	9	11.6	0.0	22.0	57
03/09/2023 00:40	8.3	255	6	11.1	0.0	21.7	57
03/09/2023 00:50	7.4	252	9	9.3	0.0	21.5	58
03/09/2023 01:00	7.8	255	7	10.5	0.0	21.2	59
03/09/2023 01:10	7.3	257	7	10.2	0.0	21.0	60
03/09/2023 01:20	6.7	255	8	9.4	0.0	20.9	61
03/09/2023 01:30	6.6	255	7	8.7	0.0	20.7	61
03/09/2023 01:40	6.3	256	7	8.7	0.0	20.6	62
03/09/2023 01:50	6.2	257	8	8.6	0.0	20.4	62
03/09/2023 02:00	6.1	258	7	8.7	0.0	20.3	63
03/09/2023 02:10	5.8	258	6	8.0	0.0	20.1	63
03/09/2023 02:20	5.7	259	8	7.4	0.0	20.1	64
03/09/2023 02:30	5.7	258	6	7.7	0.0	19.9	65
03/09/2023 02:40	5.8	258	6	7.8	0.0	19.8	65
03/09/2023 02:50	5.8	260	6	7.5	0.0	19.7	66
03/09/2023 03:00	5.9	261	5	7.6	0.0	19.6	67
03/09/2023 03:10	5.8	263	6	7.6	0.0	19.5	67
03/09/2023 03:20	5.5	262	7	7.2	0.0	19.3	68
03/09/2023 03:30	5.6	262	7	7.1	0.0	19.2	69
03/09/2023 03:40	5.5	264	6	7.1	0.0	19.1	69
03/09/2023 03:50	5.6	262	7	7.3	0.0	19.0	69
03/09/2023 04:00	5.2	260	7	7.6	0.0	18.9	70
03/09/2023 04:10	4.5	261	6	6.1	0.0	18.8	70
03/09/2023 04:20	4.7	262	7	6.0	0.0	18.7	70
03/09/2023 04:30	5.0	260	7	6.5	0.0	18.6	70
03/09/2023 04:40	5.2	264	7	6.7	0.0	18.5	70
03/09/2023 04:50	4.7	264	6	6.0	0.0	18.4	70
03/09/2023 05:00	4.3	266	7	5.7	0.0	18.4	70
03/09/2023 05:10	3.8	263	7	5.1	0.0	18.3	70
03/09/2023 05:20	4.5	262	6	5.9	0.0	18.2	70
03/09/2023 05:30	4.5	264	6	5.9	0.0	18.2	70
03/09/2023 05:40	4.2	269	8	5.4	0.0	18.1	70
03/09/2023 05:50	4.1	270	8	5.5	0.0	18.0	69
03/09/2023 06:00	4.5	263	7	5.7	0.0	18.1	69
03/09/2023 06:10	4.7	258	7	6.1	0.0	18.1	69
03/09/2023 06:20	4.7	255	8	6.1	0.0	18.2	69
03/09/2023 06:30	4.8	253	9	7.5	0.0	18.2	69
03/09/2023 06:40	5.0	252	8	6.8	0.0	18.4	69
03/09/2023 06:50	4.9	252	9	7.8	0.0	18.6	69
03/09/2023 07:00	5.4	251	11	7.3	0.0	18.8	69
03/09/2023 07:10	5.2	249	11	7.9	0.0	18.9	68
03/09/2023 07:20	5.7	247	9	8.2	0.0	19.2	68
03/09/2023 07:30	5.8	241	10	8.7	0.0	19.4	67
03/09/2023 07:40	6.3	238	11	9.4	0.0	19.6	66
03/09/2023 07:50	5.9	234	9	8.0	0.0	19.7	65
03/09/2023 08:00	6.3	235	11	9.4	0.0	19.9	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/09/2023 08:10	6.9	237	11	10.2	0.0	20.2	63
03/09/2023 08:20	7.6	229	9	10.4	0.0	20.6	62
03/09/2023 08:30	7.6	233	9	11.2	0.0	20.8	60
03/09/2023 08:40	7.7	230	10	11.0	0.0	21.1	58
03/09/2023 08:50	7.0	231	10	10.5	0.0	21.5	56
03/09/2023 09:00	7.7	232	10	10.2	0.0	21.6	55
03/09/2023 09:10	7.6	234	10	11.3	0.0	21.8	53
03/09/2023 09:20	7.6	233	9	10.3	0.0	22.2	52
03/09/2023 09:30	7.4	232	11	10.1	0.0	22.4	51
03/09/2023 09:40	7.1	235	10	9.9	0.0	22.8	49
03/09/2023 09:50	7.5	232	11	10.4	0.0	22.9	49
03/09/2023 10:00	7.5	234	10	10.6	0.0	23.0	48
03/09/2023 10:10	7.4	230	9	9.7	0.0	23.2	48
03/09/2023 10:20	6.6	235	11	10.4	0.0	23.5	46
03/09/2023 10:30	6.5	225	13	9.8	0.0	24.0	47
03/09/2023 10:40	6.8	232	12	9.7	0.0	24.1	44
03/09/2023 10:50	7.2	230	8	9.6	0.0	24.2	45
03/09/2023 11:00	6.6	230	11	8.8	0.0	24.1	45
03/09/2023 11:10	5.6	234	14	7.9	0.0	24.6	42
03/09/2023 11:20	5.7	232	14	9.0	0.0	24.9	41
03/09/2023 11:30	5.3	228	21	8.3	0.0	25.0	42
03/09/2023 11:40	5.7	246	17	8.8	0.0	25.6	38
03/09/2023 11:50	5.9	234	11	9.2	0.0	25.8	37
03/09/2023 12:00	6.0	235	19	9.4	0.0	26.0	38
03/09/2023 12:10	5.2	247	16	8.1	0.0	26.3	36
03/09/2023 12:20	5.5	243	11	8.7	0.0	26.3	36
03/09/2023 12:30	5.0	241	15	7.5	0.0	26.8	34
03/09/2023 12:40	5.9	247	13	8.5	0.0	26.9	34
03/09/2023 12:50	5.9	251	13	8.3	0.0	27.0	34
03/09/2023 13:00	5.8	272	11	8.6	0.0	27.0	38
03/09/2023 13:10	5.9	286	10	8.0	0.0	26.8	39
03/09/2023 13:20	6.2	284	10	8.8	0.0	27.0	38
03/09/2023 13:30	6.5	282	9	8.4	0.0	27.1	38
03/09/2023 13:40	6.5	287	7	8.8	0.0	26.9	37
03/09/2023 13:50	7.1	278	8	9.2	0.0	27.1	37
03/09/2023 14:00	7.0	277	7	9.4	0.0	27.4	36
03/09/2023 14:10	7.1	276	7	9.0	0.0	27.3	37
03/09/2023 14:20	7.3	278	8	9.3	0.0	27.3	37
03/09/2023 14:30	6.7	280	9	9.0	0.0	27.3	40
03/09/2023 14:40	7.6	282	10	10.1	0.0	26.8	42
03/09/2023 14:50	8.2	274	8	10.2	0.0	26.6	41
03/09/2023 15:00	8.4	273	8	11.0	0.0	26.2	48
03/09/2023 15:10	8.3	270	7	10.9	0.0	26.0	49
03/09/2023 15:20	9.0	273	7	11.2	0.0	25.6	50
03/09/2023 15:30	9.1	271	9	12.1	0.0	25.3	52
03/09/2023 15:40	9.5	273	8	12.0	0.0	25.3	53
03/09/2023 15:50	9.2	275	7	11.4	0.0	25.1	55
03/09/2023 16:00	9.2	276	5	11.7	0.0	24.8	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/09/2023 16:10	8.7	274	8	11.6	0.0	24.9	55
03/09/2023 16:20	8.0	274	8	11.9	0.0	25.0	55
03/09/2023 16:30	9.0	275	8	11.6	0.0	24.7	56
03/09/2023 16:40	8.7	272	7	11.9	0.0	24.5	57
03/09/2023 16:50	9.2	274	7	11.6	0.0	24.4	57
03/09/2023 17:00	8.7	270	8	11.8	0.0	24.4	58
03/09/2023 17:10	9.0	274	7	11.6	0.0	24.1	59
03/09/2023 17:20	8.3	275	7	11.3	0.0	23.9	60
03/09/2023 17:30	8.5	269	7	11.5	0.0	23.8	61
03/09/2023 17:40	7.7	274	7	10.0	0.0	23.8	61
03/09/2023 17:50	7.6	269	7	10.0	0.0	23.6	62
03/09/2023 18:00	8.4	273	7	11.5	0.0	23.3	63
03/09/2023 18:10	7.4	268	7	10.3	0.0	23.2	63
03/09/2023 18:20	8.5	269	7	11.8	0.0	23.2	64
03/09/2023 18:30	8.7	266	6	11.7	0.0	23.1	63
03/09/2023 18:40	8.2	263	7	10.9	0.0	22.9	65
03/09/2023 18:50	7.9	265	7	10.5	0.0	22.8	68
03/09/2023 19:00	7.9	264	7	10.7	0.0	22.6	67
03/09/2023 19:10	8.7	264	6	11.1	0.0	22.6	67
03/09/2023 19:20	8.0	261	6	10.5	0.0	22.5	68
03/09/2023 19:30	7.9	263	6	10.4	0.0	22.4	68
03/09/2023 19:40	8.2	260	7	11.0	0.0	22.3	68
03/09/2023 19:50	7.4	259	6	10.2	0.0	22.2	69
03/09/2023 20:00	7.4	262	6	9.9	0.0	22.2	69
03/09/2023 20:10	6.4	262	6	9.4	0.0	22.1	69
03/09/2023 20:20	7.4	260	6	9.5	0.0	22.1	68
03/09/2023 20:30	6.4	261	7	8.3	0.0	22.1	68
03/09/2023 20:40	6.6	261	6	8.6	0.0	22.1	68
03/09/2023 20:50	6.7	259	5	8.6	0.0	22.1	68
03/09/2023 21:00	7.2	258	6	9.7	0.0	22.2	69
03/09/2023 21:10	7.6	259	6	10.1	0.0	22.2	70
03/09/2023 21:20	7.0	258	8	9.2	0.0	22.0	69
03/09/2023 21:30	7.1	259	8	9.5	0.0	22.0	69
03/09/2023 21:40	7.0	257	7	9.5	0.0	21.9	70
03/09/2023 21:50	6.3	257	6	8.4	0.0	21.9	70
03/09/2023 22:00	6.3	258	6	8.2	0.0	21.8	69
03/09/2023 22:10	6.4	256	7	8.3	0.0	21.8	69
03/09/2023 22:20	6.2	256	7	8.1	0.0	21.7	69
03/09/2023 22:30	5.8	255	7	8.4	0.0	21.5	69
03/09/2023 22:40	5.6	256	7	8.1	0.0	21.5	68
03/09/2023 22:50	6.3	255	8	8.1	0.0	21.4	68
03/09/2023 23:00	6.4	254	7	8.8	0.0	21.5	68
03/09/2023 23:10	6.2	254	7	8.7	0.0	21.4	68
03/09/2023 23:20	5.7	252	8	7.9	0.0	21.4	68
03/09/2023 23:30	5.8	251	8	8.1	0.0	21.4	68
03/09/2023 23:40	6.7	250	9	9.2	0.0	21.4	68
03/09/2023 23:50	6.7	252	10	9.4	0.0	21.4	69
04/09/2023 00:00	6.8	251	8	9.7	0.0	21.3	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/09/2023 00:10	7.0	253	8	10.0	0.0	21.2	69
04/09/2023 00:20	6.3	256	8	8.4	0.0	20.9	69
04/09/2023 00:30	6.1	258	6	8.6	0.0	20.7	69
04/09/2023 00:40	6.5	261	6	8.5	0.0	20.5	69
04/09/2023 00:50	6.3	260	7	7.9	0.0	20.4	69
04/09/2023 01:00	6.0	260	5	7.4	0.0	20.3	69
04/09/2023 01:10	5.7	263	6	7.4	0.0	20.1	69
04/09/2023 01:20	5.8	262	6	7.9	0.0	20.1	70
04/09/2023 01:30	5.8	264	6	7.8	0.0	20.0	70
04/09/2023 01:40	6.0	265	6	7.7	0.0	20.0	70
04/09/2023 01:50	5.9	265	6	7.9	0.0	19.9	70
04/09/2023 02:00	5.7	262	5	7.0	0.0	19.8	70
04/09/2023 02:10	5.2	263	5	6.5	0.0	19.6	70
04/09/2023 02:20	5.0	263	5	5.9	0.0	19.5	70
04/09/2023 02:30	5.1	267	6	6.6	0.0	19.4	70
04/09/2023 02:40	4.9	268	6	6.1	0.0	19.4	70
04/09/2023 02:50	4.5	270	5	5.6	0.0	19.2	70
04/09/2023 03:00	4.9	277	5	5.8	0.0	19.1	70
04/09/2023 03:10	4.8	280	5	6.1	0.0	19.1	70
04/09/2023 03:20	4.7	281	4	5.6	0.0	19.1	70
04/09/2023 03:30	4.4	277	5	5.3	0.0	19.1	70
04/09/2023 03:40	4.5	282	5	5.7	0.0	19.0	70
04/09/2023 03:50	4.4	286	5	5.5	0.0	19.0	70
04/09/2023 04:00	4.6	287	5	5.7	0.0	19.1	70
04/09/2023 04:10	4.5	287	5	5.6	0.0	19.1	69
04/09/2023 04:20	4.6	290	6	5.8	0.0	19.1	69
04/09/2023 04:30	4.6	290	7	6.1	0.0	19.2	69
04/09/2023 04:40	4.2	291	8	5.5	0.0	19.2	69
04/09/2023 04:50	3.8	292	8	5.0	0.0	19.1	68
04/09/2023 05:00	3.8	294	8	5.0	0.0	19.2	68
04/09/2023 05:10	3.8	296	7	5.3	0.0	19.2	67
04/09/2023 05:20	3.6	296	9	5.3	0.0	19.3	67
04/09/2023 05:30	2.8	294	13	4.0	0.0	19.2	66
04/09/2023 05:40	2.7	289	12	4.1	0.0	19.2	66
04/09/2023 05:50	2.9	289	13	4.4	0.0	19.2	65
04/09/2023 06:00	2.5	287	11	3.9	0.0	19.2	65
04/09/2023 06:10	2.6	287	10	4.0	0.0	19.1	65
04/09/2023 06:20	2.0	284	11	2.8	0.0	19.1	65
04/09/2023 06:30	1.9	288	9	2.9	0.0	19.1	64
04/09/2023 06:40	1.7	281	13	2.7	0.0	19.3	63
04/09/2023 06:50	1.7	276	20	2.8	0.0	19.5	62
04/09/2023 07:00	1.5	256	50	2.4	0.0	19.9	60
04/09/2023 07:10	1.6	243	22	2.7	0.0	20.3	58
04/09/2023 07:20	1.9	215	17	2.8	0.0	20.8	54
04/09/2023 07:30	1.7	222	11	2.5	0.0	21.0	53
04/09/2023 07:40	1.7	208	16	2.4	0.0	21.2	53
04/09/2023 07:50	2.1	215	13	3.4	0.0	21.5	51
04/09/2023 08:00	2.2	213	15	3.5	0.0	21.9	48



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/09/2023 08:10	2.3	211	12	3.4	0.0	22.2	47
04/09/2023 08:20	2.4	209	12	3.4	0.0	22.5	46
04/09/2023 08:30	3.1	187	12	4.3	0.0	22.8	45
04/09/2023 08:40	3.4	186	12	4.8	0.0	22.9	46
04/09/2023 08:50	3.2	185	11	4.5	0.0	23.1	46
04/09/2023 09:00	2.6	171	24	3.9	0.0	23.3	45
04/09/2023 09:10	2.5	138	25	5.6	0.0	24.6	41
04/09/2023 09:20	2.9	138	21	4.8	0.0	24.6	41
04/09/2023 09:30	3.0	136	19	4.8	0.0	25.0	41
04/09/2023 09:40	3.1	131	18	4.7	0.0	25.5	40
04/09/2023 09:50	2.8	108	17	4.3	0.0	26.1	39
04/09/2023 10:00	3.1	113	16	5.0	0.0	26.1	39
04/09/2023 10:10	2.8	112	17	3.8	0.0	26.3	37
04/09/2023 10:20	3.0	117	18	4.5	0.0	26.5	36
04/09/2023 10:30	2.7	112	16	4.3	0.0	26.7	35
04/09/2023 10:40	2.9	121	22	4.3	0.0	27.1	34
04/09/2023 10:50	3.0	111	15	4.2	0.0	27.0	34
04/09/2023 11:00	3.0	112	16	4.7	0.0	27.2	33
04/09/2023 11:10	3.2	95	17	4.7	0.0	27.4	33
04/09/2023 11:20	3.6	97	16	5.8	0.0	27.9	31
04/09/2023 11:30	5.4	79	7	7.8	0.0	27.4	33
04/09/2023 11:40	5.6	81	9	7.6	0.0	27.5	32
04/09/2023 11:50	5.9	63	11	8.3	0.0	27.3	33
04/09/2023 12:00	6.1	62	11	7.8	0.0	27.1	33
04/09/2023 12:10	5.5	59	11	7.7	0.0	27.6	31
04/09/2023 12:20	5.7	73	11	8.5	0.0	27.9	30
04/09/2023 12:30	6.4	78	9	8.9	0.0	27.6	31
04/09/2023 12:40	5.2	58	11	7.3	0.0	27.6	32
04/09/2023 12:50	5.9	55	8	8.5	0.0	27.2	32
04/09/2023 13:00	5.9	55	12	7.7	0.0	27.2	33
04/09/2023 13:10	5.8	58	12	7.7	0.0	27.3	32
04/09/2023 13:20	5.3	58	9	6.9	0.0	27.3	32
04/09/2023 13:30	5.3	57	10	7.4	0.0	27.4	33
04/09/2023 13:40	5.0	60	10	7.3	0.0	27.8	31
04/09/2023 13:50	5.4	62	11	7.5	0.0	28.0	29
04/09/2023 14:00	5.2	64	10	7.1	0.0	28.0	29
04/09/2023 14:10	5.5	71	10	7.8	0.0	28.1	30
04/09/2023 14:20	5.6	65	10	7.2	0.0	28.0	30
04/09/2023 14:30	5.5	63	11	7.8	0.0	27.9	31
04/09/2023 14:40	5.1	62	11	7.0	0.0	28.4	30
04/09/2023 14:50	5.7	74	8	7.4	0.0	28.2	29
04/09/2023 15:00	5.0	65	11	6.5	0.0	28.4	29
04/09/2023 15:10	5.1	63	11	6.7	0.0	28.4	28
04/09/2023 15:20	5.1	61	8	6.4	0.0	28.3	28
04/09/2023 15:30	4.5	65	12	5.9	0.0	28.8	26
04/09/2023 15:40	3.9	39	15	5.5	0.0	28.9	28
04/09/2023 15:50	3.9	10	11	5.5	0.0	28.9	29
04/09/2023 16:00	4.6	11	8	6.0	0.0	28.4	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/09/2023 16:10	4.8	16	8	6.2	0.0	28.2	31
04/09/2023 16:20	4.2	340	12	6.1	0.0	27.9	40
04/09/2023 16:30	4.8	332	8	6.1	0.0	27.1	45
04/09/2023 16:40	4.9	335	11	6.9	0.0	26.7	47
04/09/2023 16:50	4.9	325	10	6.7	0.0	26.3	48
04/09/2023 17:00	5.0	321	9	6.7	0.0	26.1	48
04/09/2023 17:10	5.0	306	10	7.1	0.0	25.9	49
04/09/2023 17:20	4.7	306	10	6.6	0.0	25.8	48
04/09/2023 17:30	4.1	305	11	5.9	0.0	26.0	45
04/09/2023 17:40	3.8	301	11	5.1	0.0	26.1	43
04/09/2023 17:50	4.2	291	8	5.8	0.0	25.7	48
04/09/2023 18:00	5.0	288	6	6.1	0.0	25.1	49
04/09/2023 18:10	4.3	292	8	6.0	0.0	24.8	52
04/09/2023 18:20	4.3	289	6	6.0	0.0	24.6	53
04/09/2023 18:30	4.3	275	8	5.6	0.0	24.3	55
04/09/2023 18:40	4.4	269	7	5.9	0.0	24.1	62
04/09/2023 18:50	4.6	271	7	6.5	0.0	23.8	63
04/09/2023 19:00	5.0	268	7	6.8	0.0	23.7	63
04/09/2023 19:10	5.3	263	6	6.7	0.0	23.6	63
04/09/2023 19:20	5.0	266	7	6.6	0.0	23.5	63
04/09/2023 19:30	5.0	262	6	6.2	0.0	23.4	65
04/09/2023 19:40	4.5	264	7	5.9	0.0	23.3	65
04/09/2023 19:50	3.9	264	7	5.1	0.0	23.2	66
04/09/2023 20:00	4.1	266	6	5.4	0.0	23.2	66
04/09/2023 20:10	4.4	265	7	5.8	0.0	23.2	65
04/09/2023 20:20	5.0	261	6	6.1	0.0	23.2	66
04/09/2023 20:30	4.4	257	5	5.4	0.0	22.9	66
04/09/2023 20:40	4.8	258	5	6.0	0.0	22.5	68
04/09/2023 20:50	4.5	261	5	5.4	0.0	22.7	66
04/09/2023 21:00	4.0	261	4	4.7	0.0	22.6	67
04/09/2023 21:10	4.1	263	5	5.2	0.0	22.4	68
04/09/2023 21:20	4.3	264	4	5.4	0.0	22.4	68
04/09/2023 21:30	4.3	262	4	5.2	0.0	22.3	69
04/09/2023 21:40	4.0	264	4	5.0	0.0	22.1	69
04/09/2023 21:50	4.4	264	4	5.6	0.0	21.9	70
04/09/2023 22:00	4.4	261	5	5.6	0.0	21.7	70
04/09/2023 22:10	4.7	261	5	6.0	0.0	21.6	70
04/09/2023 22:20	4.7	260	6	5.9	0.0	21.5	70
04/09/2023 22:30	5.5	264	5	7.2	0.0	21.5	70
04/09/2023 22:40	5.4	265	5	6.7	0.0	21.4	70
04/09/2023 22:50	5.6	261	5	6.9	0.0	21.3	70
04/09/2023 23:00	5.5	265	6	7.0	0.0	21.2	70
04/09/2023 23:10	5.6	264	5	7.0	0.0	21.2	70
04/09/2023 23:20	4.9	264	6	6.2	0.0	21.1	70
04/09/2023 23:30	4.7	265	5	5.8	0.0	21.0	70
04/09/2023 23:40	4.6	266	6	5.9	0.0	21.0	70
04/09/2023 23:50	4.5	265	5	5.9	0.0	20.9	69
05/09/2023 00:00	4.4	267	5	5.6	0.0	20.9	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/09/2023 00:10	4.8	265	7	6.0	0.0	20.9	69
05/09/2023 00:20	4.9	266	5	6.3	0.0	20.9	69
05/09/2023 00:30	4.8	266	5	6.4	0.0	20.8	69
05/09/2023 00:40	4.4	264	5	5.4	0.0	20.7	69
05/09/2023 00:50	4.3	261	5	5.8	0.0	20.6	69
05/09/2023 01:00	4.1	263	5	5.7	0.0	20.6	69
05/09/2023 01:10	4.1	265	5	5.3	0.0	20.5	70
05/09/2023 01:20	4.2	267	5	5.2	0.0	20.4	70
05/09/2023 01:30	4.1	264	5	5.1	0.0	20.4	70
05/09/2023 01:40	4.2	268	4	5.4	0.0	20.4	71
05/09/2023 01:50	4.0	270	5	5.3	0.0	20.2	71
05/09/2023 02:00	4.5	272	4	5.7	0.0	20.1	70
05/09/2023 02:10	3.9	271	5	5.1	0.0	20.1	70
05/09/2023 02:20	4.1	270	4	5.1	0.0	20.0	70
05/09/2023 02:30	3.6	267	5	4.4	0.0	20.1	69
05/09/2023 02:40	4.1	267	4	5.1	0.0	19.9	69
05/09/2023 02:50	4.4	258	7	6.1	0.0	20.1	68
05/09/2023 03:00	4.5	259	5	5.7	0.0	20.1	67
05/09/2023 03:10	4.7	259	6	5.8	0.0	20.0	69
05/09/2023 03:20	4.4	258	7	5.9	0.0	20.0	70
05/09/2023 03:30	4.6	257	8	5.9	0.0	20.0	71
05/09/2023 03:40	4.4	251	10	6.2	0.0	20.2	71
05/09/2023 03:50	5.0	254	8	7.0	0.0	20.2	71
05/09/2023 04:00	4.6	261	6	6.2	0.0	20.2	71
05/09/2023 04:10	4.2	261	6	5.0	0.0	20.1	70
05/09/2023 04:20	4.4	257	6	5.5	0.0	20.0	69
05/09/2023 04:30	4.4	259	6	6.2	0.0	20.0	69
05/09/2023 04:40	3.7	260	8	5.5	0.0	20.0	68
05/09/2023 04:50	3.8	263	7	4.8	0.0	19.9	67
05/09/2023 05:00	3.7	259	9	5.1	0.0	20.0	66
05/09/2023 05:10	3.3	260	8	4.8	0.0	19.8	66
05/09/2023 05:20	3.3	260	10	5.2	0.0	20.0	65
05/09/2023 05:30	1.9	253	21	3.2	0.0	19.8	65
05/09/2023 05:40	0.9	234	30	1.9	0.0	19.7	63
05/09/2023 05:50	1.0	246	28	2.5	0.0	19.6	63
05/09/2023 06:00	0.9	250	24	1.6	0.0	19.6	63
05/09/2023 06:10	1.2	226	32	1.7	0.0	19.5	63
05/09/2023 06:20	0.8	132	45	1.6	0.0	19.3	63
05/09/2023 06:30	1.3	58	31	1.9	0.0	18.7	64
05/09/2023 06:40	1.4	68	16	2.2	0.0	18.3	63
05/09/2023 06:50	1.8	87	16	2.7	0.0	18.2	64
05/09/2023 07:00	1.9	80	10	2.7	0.0	18.6	65
05/09/2023 07:10	2.0	66	9	2.8	0.0	19.2	66
05/09/2023 07:20	1.9	63	10	2.6	0.0	19.9	66
05/09/2023 07:30	2.2	63	8	2.8	0.0	20.6	66
05/09/2023 07:40	2.6	84	9	3.3	0.0	21.3	67
05/09/2023 07:50	3.4	97	12	4.9	0.0	21.6	67
05/09/2023 08:00	3.7	95	10	4.8	0.0	21.8	66



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/09/2023 08:10	3.7	97	10	5.1	0.0	21.9	67
05/09/2023 08:20	3.4	91	11	5.1	0.0	22.3	66
05/09/2023 08:30	3.6	86	12	5.0	0.0	22.5	65
05/09/2023 08:40	3.4	82	10	5.5	0.0	22.7	65
05/09/2023 08:50	4.1	78	6	5.4	0.0	22.9	64
05/09/2023 09:00	4.4	77	9	6.0	0.0	22.9	64
05/09/2023 09:10	4.3	79	12	6.1	0.0	23.3	63
05/09/2023 09:20	4.2	66	12	6.0	0.0	23.3	62
05/09/2023 09:30	4.3	63	13	6.0	0.0	23.6	61
05/09/2023 09:40	4.2	56	12	6.4	0.0	23.7	61
05/09/2023 09:50	4.7	70	9	7.0	0.0	24.0	60
05/09/2023 10:00	4.7	73	10	6.6	0.0	24.4	57
05/09/2023 10:10	4.8	69	11	6.5	0.0	24.8	54
05/09/2023 10:20	5.4	72	8	7.5	0.0	25.1	53
05/09/2023 10:30	5.7	73	9	7.1	0.0	25.2	52
05/09/2023 10:40	5.8	69	8	7.4	0.0	25.5	51
05/09/2023 10:50	6.2	73	7	8.2	0.0	25.5	49
05/09/2023 11:00	5.1	71	9	7.1	0.0	25.9	50
05/09/2023 11:10	4.8	71	8	6.7	0.0	26.1	49
05/09/2023 11:20	5.1	69	10	6.9	0.0	26.1	50
05/09/2023 11:30	4.2	35	18	6.5	0.0	26.7	51
05/09/2023 11:40	3.9	178	17	6.2	0.0	26.2	52
05/09/2023 11:50	3.8	189	17	5.4	0.0	26.5	54
05/09/2023 12:00	4.3	13	14	6.1	0.0	26.6	55
05/09/2023 12:10	4.3	11	13	6.4	0.0	26.4	57
05/09/2023 12:20	5.1	10	11	6.7	0.0	26.3	59
05/09/2023 12:30	4.7	14	11	6.4	0.0	26.4	58
05/09/2023 12:40	4.8	7	14	6.6	0.0	26.6	58
05/09/2023 12:50	5.0	7	12	7.0	0.0	26.5	59
05/09/2023 13:00	5.2	356	15	7.6	0.0	26.6	58
05/09/2023 13:10	5.7	347	14	8.0	0.0	26.1	61
05/09/2023 13:20	5.1	343	12	7.3	0.0	25.8	62
05/09/2023 13:30	5.5	340	12	7.7	0.0	25.8	60
05/09/2023 13:40	5.4	337	11	7.7	0.0	25.7	60
05/09/2023 13:50	5.4	333	12	7.0	0.0	25.6	62
05/09/2023 14:00	5.5	335	10	7.5	0.0	25.7	60
05/09/2023 14:10							
05/09/2023 14:20							
05/09/2023 14:30							
05/09/2023 14:40							
05/09/2023 14:50							
05/09/2023 15:00						25.7	60
05/09/2023 15:10	4.6	329	14	6.8	0.0	25.7	59
05/09/2023 15:20	4.1	325	11	5.6	0.0	26.0	56
05/09/2023 15:30	3.7	324	16	5.5	0.0	26.3	54
05/09/2023 15:40	4.9	315	12	6.7	0.0	26.1	55
05/09/2023 15:50	5.3	319	10	6.8	0.0	25.6	59
05/09/2023 16:00	5.0	322	14	6.5	0.0	25.6	59



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/09/2023 16:10	4.8	320	12	6.8	0.0	25.4	59
05/09/2023 16:20	4.6	325	11	6.4	0.0	25.3	61
05/09/2023 16:30	4.9	318	15	6.5	0.0	25.2	62
05/09/2023 16:40	4.5	324	15	7.1	0.0	25.3	61
05/09/2023 16:50	4.9	314	12	6.7	0.0	25.0	62
05/09/2023 17:00	4.4	327	12	6.6	0.0	25.0	63
05/09/2023 17:10	4.1	322	16	6.9	0.0	25.1	63
05/09/2023 17:20	4.3	315	15	6.8	0.0	25.0	63
05/09/2023 17:30	4.0	313	16	6.0	0.0	24.7	64
05/09/2023 17:40	4.0	309	11	6.1	0.0	24.5	64
05/09/2023 17:50	3.9	318	12	6.1	0.0	24.2	64
05/09/2023 18:00	4.2	313	16	6.2	0.0	23.9	66
05/09/2023 18:10	4.9	307	10	6.7	0.0	23.7	65
05/09/2023 18:20	4.8	307	8	6.6	0.0	23.7	65
05/09/2023 18:30	4.2	312	13	6.5	0.0	23.6	66
05/09/2023 18:40	4.2	310	13	6.4	0.0	23.5	67
05/09/2023 18:50	4.4	313	11	6.5	0.0	23.4	68
05/09/2023 19:00	3.8	319	15	6.0	0.0	23.3	68
05/09/2023 19:10	4.9	312	10	6.5	0.0	23.2	69
05/09/2023 19:20	4.5	313	10	6.7	0.0	23.1	68
05/09/2023 19:30	3.8	304	13	6.3	0.0	23.1	69
05/09/2023 19:40	4.3	293	7	5.8	0.0	23.0	69
05/09/2023 19:50	4.2	289	9	6.3	0.0	22.9	69
05/09/2023 20:00	3.8	292	7	5.7	0.0	22.8	69
05/09/2023 20:10	3.9	280	9	5.3	0.0	22.8	69
05/09/2023 20:20	3.6	275	10	5.5	0.0	22.7	69
05/09/2023 20:30	3.5	285	10	5.0	0.0	22.6	69
05/09/2023 20:40	4.1	280	7	5.3	0.0	22.6	69
05/09/2023 20:50	3.3	279	10	4.5	0.0	22.5	69
05/09/2023 21:00	3.6	275	7	5.0	0.0	22.5	69
05/09/2023 21:10	3.4	274	7	4.5	0.0	22.4	69
05/09/2023 21:20	3.6	269	8	5.0	0.0	22.4	69
05/09/2023 21:30	4.1	267	5	5.3	0.0	22.3	69
05/09/2023 21:40	4.0	273	6	5.1	0.0	22.3	69
05/09/2023 21:50	4.4	267	6	5.9	0.0	22.3	69
05/09/2023 22:00	4.5	272	6	5.8	0.0	22.3	69
05/09/2023 22:10	4.5	273	6	5.7	0.0	22.2	69
05/09/2023 22:20	4.7	274	6	6.1	0.0	22.2	69
05/09/2023 22:30	4.4	271	6	6.1	0.0	22.2	69
05/09/2023 22:40	3.9	277	7	5.4	0.0	22.1	69
05/09/2023 22:50	4.1	274	7	5.9	0.0	22.0	69
05/09/2023 23:00	4.7	270	6	6.2	0.0	22.0	68
05/09/2023 23:10	4.7	278	6	6.7	0.0	21.9	68
05/09/2023 23:20	4.2	284	8	5.9	0.0	21.8	68
05/09/2023 23:30	4.0	285	7	5.3	0.0	21.8	68
05/09/2023 23:40	4.1	291	6	5.6	0.0	21.8	68
05/09/2023 23:50	4.0	289	8	5.6	0.0	21.8	68
06/09/2023 00:00	3.6	284	7	5.0	0.0	21.6	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/09/2023 00:10	3.7	278	6	4.9	0.0	21.5	68
06/09/2023 00:20	4.1	280	6	5.4	0.0	21.5	68
06/09/2023 00:30	3.8	280	6	5.0	0.0	21.4	68
06/09/2023 00:40	4.1	281	6	5.5	0.0	21.4	68
06/09/2023 00:50	3.9	280	5	5.0	0.0	21.3	68
06/09/2023 01:00	3.7	280	5	5.0	0.0	21.2	68
06/09/2023 01:10	3.6	277	6	4.6	0.0	21.1	68
06/09/2023 01:20	3.5	278	5	4.9	0.0	21.1	68
06/09/2023 01:30	2.9	278	6	3.9	0.0	21.0	68
06/09/2023 01:40	2.5	273	6	3.3	0.0	20.9	68
06/09/2023 01:50	1.9	263	9	3.0	0.0	20.7	68
06/09/2023 02:00	1.9	250	14	3.0	0.0	20.7	67
06/09/2023 02:10	1.5	313	15	2.3	0.0	20.4	67
06/09/2023 02:20	1.1	318	18	1.6	0.0	20.3	66
06/09/2023 02:30	1.5	260	6	1.8	0.0	20.3	66
06/09/2023 02:40	0.9	273	18	1.3	0.0	19.8	66
06/09/2023 02:50	1.3	299	6	1.5	0.0	20.0	65
06/09/2023 03:00	0.8	261	53	1.0	0.0	20.1	66
06/09/2023 03:10	1.0	58	16	1.6	0.0	19.4	65
06/09/2023 03:20	1.5	41	4	1.9	0.0	19.2	63
06/09/2023 03:30	1.6	55	7	1.9	0.0	19.0	62
06/09/2023 03:40	1.1	50	9	1.5	0.0	18.8	61
06/09/2023 03:50	0.3	120	36	0.8	0.0	18.8	60
06/09/2023 04:00	0.8	176	24	1.2	0.0	18.7	59
06/09/2023 04:10	1.0	83	8	1.3	0.0	18.7	58
06/09/2023 04:20	1.1	64	8	1.3	0.0	18.7	57
06/09/2023 04:30	1.2	56	10	1.5	0.0	18.8	56
06/09/2023 04:40	1.2	48	6	1.4	0.0	19.0	55
06/09/2023 04:50	1.0	47	6	1.2	0.0	19.3	53
06/09/2023 05:00	1.0	58	7	1.3	0.0	19.2	54
06/09/2023 05:10	1.1	47	4	1.2	0.0	19.2	54
06/09/2023 05:20	0.9	61	8	1.1	0.0	18.9	54
06/09/2023 05:30	0.7	31	18	1.0	0.0	18.9	53
06/09/2023 05:40	1.0	44	10	1.2	0.0	19.1	54
06/09/2023 05:50	0.8	45	11	1.1	0.0	19.2	54
06/09/2023 06:00	0.8	49	9	1.1	0.0	19.2	54
06/09/2023 06:10	0.5	151	34	0.8	0.0	19.1	56
06/09/2023 06:20	0.5	195	17	0.8	0.0	18.7	55
06/09/2023 06:30	0.4	83	22	0.7	0.0	18.4	54
06/09/2023 06:40	0.9	9	15	1.3	0.0	19.0	52
06/09/2023 06:50	1.0	26	10	1.5	0.0	19.6	53
06/09/2023 07:00	0.9	37	9	1.3	0.0	20.0	55
06/09/2023 07:10	1.0	55	5	1.3	0.0	20.7	57
06/09/2023 07:20	1.2	64	7	1.5	0.0	21.3	61
06/09/2023 07:30	1.4	62	8	1.7	0.0	21.7	63
06/09/2023 07:40	1.2	79	12	1.8	0.0	22.3	64
06/09/2023 07:50	1.1	82	20	2.0	0.0	23.0	65
06/09/2023 08:00	0.8	104	25	1.5	0.0	23.4	65



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/09/2023 08:10	1.8	36	21	2.6	0.0	23.3	65
06/09/2023 08:20	2.6	15	9	3.4	0.0	23.1	65
06/09/2023 08:30	2.7	14	12	4.3	0.0	23.4	65
06/09/2023 08:40	3.2	12	10	4.2	0.0	23.5	65
06/09/2023 08:50	2.6	10	14	3.9	0.0	23.7	64
06/09/2023 09:00	2.5	191	15	4.0	0.0	23.9	64
06/09/2023 09:10	2.3	20	31	4.2	0.0	24.1	63
06/09/2023 09:20	2.5	350	25	4.0	0.0	24.1	63
06/09/2023 09:30	2.5	348	32	4.2	0.0	24.3	62
06/09/2023 09:40	2.7	181	22	4.6	0.0	24.5	62
06/09/2023 09:50	3.1	338	18	4.3	0.0	24.5	62
06/09/2023 10:00	2.2	176	25	4.0	0.0	24.7	62
06/09/2023 10:10	3.0	342	27	4.1	0.0	24.6	62
06/09/2023 10:20	2.5	198	40	5.2	0.0	25.2	60
06/09/2023 10:30	1.5	245	49	3.9	0.0	25.5	60
06/09/2023 10:40	1.6	186	56	3.0	0.0	26.1	59
06/09/2023 10:50	2.2	73	35	4.0	0.0	25.9	60
06/09/2023 11:00	3.2	68	16	4.9	0.0	25.4	61
06/09/2023 11:10	3.5	81	14	5.9	0.0	25.4	60
06/09/2023 11:20	4.2	80	11	6.2	0.0	25.4	59
06/09/2023 11:30	4.3	63	14	6.7	0.0	25.3	61
06/09/2023 11:40	4.2	69	18	6.5	0.0	25.6	60
06/09/2023 11:50	4.2	81	17	6.2	0.0	25.8	59
06/09/2023 12:00	4.0	64	14	6.4	0.0	25.5	60
06/09/2023 12:10	4.1	79	15	6.3	0.0	26.0	58
06/09/2023 12:20	3.6	96	19	5.7	0.0	26.1	58
06/09/2023 12:30	3.5	86	17	5.1	0.0	26.0	58
06/09/2023 12:40	3.3	83	12	5.4	0.0	26.1	58
06/09/2023 12:50	2.9	101	19	4.9	0.0	26.4	57
06/09/2023 13:00	3.5	47	29	5.9	0.0	26.9	57
06/09/2023 13:10	3.9	17	16	6.2	0.0	26.6	58
06/09/2023 13:20	2.7	31	22	4.6	0.0	26.3	59
06/09/2023 13:30	2.8	14	19	4.9	0.0	26.2	58
06/09/2023 13:40	3.1	11	27	5.2	0.0	26.3	58
06/09/2023 13:50	4.0	13	11	6.0	0.0	26.6	57
06/09/2023 14:00	4.1	163	17	6.8	0.0	26.0	61
06/09/2023 14:10	4.7	336	10	6.5	0.0	25.7	62
06/09/2023 14:20	3.9	183	21	6.0	0.0	26.2	60
06/09/2023 14:30	4.4	7	13	6.6	0.0	26.2	59
06/09/2023 14:40	4.1	11	12	6.1	0.0	26.4	58
06/09/2023 14:50	4.1	9	13	6.2	0.0	26.5	57
06/09/2023 15:00	4.3	15	10	5.8	0.0	26.1	58
06/09/2023 15:10	4.8	15	10	6.6	0.0	25.9	60
06/09/2023 15:20	4.6	17	10	6.7	0.0	25.8	61
06/09/2023 15:30	4.6	11	13	6.6	0.0	25.8	61
06/09/2023 15:40	4.4	12	13	6.4	0.0	25.8	61
06/09/2023 15:50	4.7	12	10	6.3	0.0	25.5	61
06/09/2023 16:00	4.5	8	11	6.0	0.0	25.6	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/09/2023 16:10	5.0	12	8	6.8	0.0	25.6	61
06/09/2023 16:20	5.0	10	9	7.4	0.0	25.4	61
06/09/2023 16:30	4.7	179	14	6.7	0.0	25.2	62
06/09/2023 16:40	4.8	7	13	7.0	0.0	25.3	62
06/09/2023 16:50	5.1	7	11	6.9	0.0	24.8	63
06/09/2023 17:00	4.9	8	13	6.8	0.0	24.8	63
06/09/2023 17:10	4.7	8	12	6.3	0.0	24.6	63
06/09/2023 17:20	4.5	181	15	6.7	0.0	24.4	63
06/09/2023 17:30	4.4	179	12	6.0	0.0	24.3	64
06/09/2023 17:40	4.4	345	11	6.2	0.0	24.0	65
06/09/2023 17:50	4.8	345	10	6.5	0.0	23.7	65
06/09/2023 18:00	5.4	340	10	7.1	0.0	23.3	65
06/09/2023 18:10	5.4	335	9	7.6	0.0	23.2	65
06/09/2023 18:20	5.2	333	11	6.9	0.0	23.1	65
06/09/2023 18:30	5.2	331	10	7.5	0.0	23.0	66
06/09/2023 18:40	6.1	336	10	8.3	0.0	22.9	66
06/09/2023 18:50	5.0	332	10	7.3	0.0	22.9	65
06/09/2023 19:00	4.7	333	10	6.6	0.0	22.9	65
06/09/2023 19:10	4.6	333	11	6.6	0.0	22.8	66
06/09/2023 19:20	4.5	325	9	6.2	0.0	22.8	66
06/09/2023 19:30	4.6	321	10	6.1	0.0	22.8	66
06/09/2023 19:40	4.2	315	10	5.8	0.0	22.7	67
06/09/2023 19:50	3.8	312	10	6.1	0.0	22.7	67
06/09/2023 20:00	4.3	312	10	6.0	0.0	22.7	67
06/09/2023 20:10	3.7	305	10	5.7	0.0	22.6	67
06/09/2023 20:20	3.6	307	8	5.3	0.0	22.5	67
06/09/2023 20:30	3.5	301	10	4.9	0.0	22.5	68
06/09/2023 20:40	3.3	291	10	4.8	0.0	22.4	68
06/09/2023 20:50	3.9	287	8	5.8	0.0	22.4	68
06/09/2023 21:00	3.7	286	6	4.8	0.0	22.3	68
06/09/2023 21:10	3.5	285	7	4.8	0.0	22.1	69
06/09/2023 21:20	3.4	287	6	4.9	0.0	22.1	68
06/09/2023 21:30	3.2	278	6	4.6	0.0	21.9	69
06/09/2023 21:40	4.1	270	5	5.3	0.0	21.9	69
06/09/2023 21:50	4.2	271	6	5.5	0.0	22.0	69
06/09/2023 22:00	4.0	264	5	5.2	0.0	22.0	69
06/09/2023 22:10	4.3	260	4	5.4	0.0	21.7	69
06/09/2023 22:20	3.4	260	4	4.2	0.0	21.5	69
06/09/2023 22:30	3.2	260	5	4.0	0.0	21.3	69
06/09/2023 22:40	3.1	263	4	3.7	0.0	21.3	69
06/09/2023 22:50	3.1	262	5	3.9	0.0	21.2	69
06/09/2023 23:00	2.6	260	5	3.7	0.0	21.0	68
06/09/2023 23:10	2.5	256	10	3.7	0.0	20.8	68
06/09/2023 23:20	1.8	260	14	3.0	0.0	20.9	67
06/09/2023 23:30	1.7	263	17	2.9	0.0	20.8	66
06/09/2023 23:40	1.2	257	18	2.5	0.0	20.7	65
06/09/2023 23:50	0.5	237	20	0.9	0.0	20.7	64
07/09/2023 00:00	1.0	223	15	2.0	0.0	20.8	64



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/09/2023 00:10	0.6	236	31	1.1	0.0	20.6	64
07/09/2023 00:20	0.9	216	13	1.5	0.0	20.8	64
07/09/2023 00:30	0.8	244	46	1.3	0.0	20.8	65
07/09/2023 00:40	1.0	29	10	1.4	0.0	20.6	64
07/09/2023 00:50	0.9	55	12	1.3	0.0	20.2	64
07/09/2023 01:00	1.2	51	5	1.6	0.0	19.9	63
07/09/2023 01:10	0.6	42	66	1.4	0.0	19.6	62
07/09/2023 01:20	0.7	52	58	1.2	0.0	19.9	61
07/09/2023 01:30	0.5	144	53	1.2	0.0	19.8	61
07/09/2023 01:40	0.6	22	37	1.2	0.0	19.9	61
07/09/2023 01:50	0.9	39	13	1.4	0.0	19.7	62
07/09/2023 02:00	0.8	51	14	1.3	0.0	19.7	61
07/09/2023 02:10	0.9	36	12	1.4	0.0	19.8	62
07/09/2023 02:20	1.0	67	11	1.5	0.0	19.2	62
07/09/2023 02:30	1.3	58	11	2.2	0.0	18.9	61
07/09/2023 02:40	0.9	63	22	1.8	0.0	18.9	61
07/09/2023 02:50	1.7	58	7	2.2	0.0	19.3	60
07/09/2023 03:00	1.9	56	5	2.3	0.0	19.4	60
07/09/2023 03:10	2.1	51	5	2.5	0.0	19.4	59
07/09/2023 03:20	2.4	52	4	2.8	0.0	19.8	58
07/09/2023 03:30	2.2	57	6	2.6	0.0	19.9	59
07/09/2023 03:40	2.1	47	4	2.7	0.0	20.1	60
07/09/2023 03:50	2.2	50	5	2.7	0.0	20.0	60
07/09/2023 04:00	1.5	69	9	2.1	0.0	19.7	60
07/09/2023 04:10	1.4	61	7	1.7	0.0	19.5	59
07/09/2023 04:20	1.3	56	6	1.9	0.0	19.5	58
07/09/2023 04:30	1.3	54	6	1.7	0.0	19.6	58
07/09/2023 04:40	1.6	54	5	2.0	0.0	19.6	58
07/09/2023 04:50	1.6	58	8	1.9	0.0	19.6	58
07/09/2023 05:00	1.7	59	7	2.3	0.0	19.6	58
07/09/2023 05:10	1.6	61	7	2.1	0.0	19.4	57
07/09/2023 05:20	1.5	67	9	2.0	0.0	19.2	56
07/09/2023 05:30	1.8	78	7	2.4	0.0	19.2	56
07/09/2023 05:40	2.4	88	6	3.6	0.0	19.3	55
07/09/2023 05:50	2.5	90	7	3.3	0.0	20.1	56
07/09/2023 06:00	2.8	86	6	4.1	0.0	20.4	59
07/09/2023 06:10	2.0	103	16	3.0	0.0	20.7	60
07/09/2023 06:20	1.7	120	26	3.3	0.0	20.4	56
07/09/2023 06:30	1.8	117	28	3.6	0.0	20.2	54
07/09/2023 06:40	1.6	114	28	2.9	0.0	20.3	52
07/09/2023 06:50	1.9	112	21	3.3	0.0	20.6	52
07/09/2023 07:00	2.4	132	21	4.6	0.0	20.8	52
07/09/2023 07:10	1.9	123	24	3.7	0.0	21.1	54
07/09/2023 07:20	2.3	118	17	4.6	0.0	21.3	56
07/09/2023 07:30	3.3	116	17	5.9	0.0	21.4	58
07/09/2023 07:40	4.1	111	12	6.5	0.0	21.3	59
07/09/2023 07:50	4.5	108	12	7.1	0.0	21.4	59
07/09/2023 08:00	4.8	113	12	7.1	0.0	21.6	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/09/2023 08:10	4.5	108	11	7.0	0.0	21.9	59
07/09/2023 08:20	4.4	104	11	6.5	0.0	22.2	60
07/09/2023 08:30	4.2	104	12	6.6	0.0	22.6	60
07/09/2023 08:40	4.8	101	10	6.7	0.0	22.9	61
07/09/2023 08:50	4.1	100	11	6.1	0.0	23.2	63
07/09/2023 09:00	5.3	92	10	7.6	0.0	23.5	64
07/09/2023 09:10	6.1	93	10	8.5	0.0	23.8	65
07/09/2023 09:20	7.0	94	8	10.4	0.0	24.2	60
07/09/2023 09:30	7.5	95	11	11.8	0.0	25.1	50
07/09/2023 09:40	8.0	90	10	11.3	0.0	25.2	47
07/09/2023 09:50	8.1	87	9	10.9	0.0	25.4	46
07/09/2023 10:00	7.4	82	9	10.2	0.0	25.4	48
07/09/2023 10:10	8.1	85	9	10.6	0.0	25.2	47
07/09/2023 10:20	8.7	76	7	11.0	0.0	25.1	50
07/09/2023 10:30	8.5	78	7	10.9	0.0	25.0	50
07/09/2023 10:40	9.0	76	6	11.3	0.0	25.1	49
07/09/2023 10:50	9.1	80	6	11.5	0.0	25.2	48
07/09/2023 11:00	8.5	83	9	12.2	0.0	25.7	46
07/09/2023 11:10	9.0	80	7	12.2	0.0	26.0	42
07/09/2023 11:20	8.5	83	8	11.7	0.0	26.0	44
07/09/2023 11:30	8.1	82	9	11.2	0.0	26.2	43
07/09/2023 11:40	8.3	76	9	11.3	0.0	26.3	43
07/09/2023 11:50	8.6	65	9	11.1	0.0	26.3	46
07/09/2023 12:00	9.1	64	9	12.5	0.0	25.9	49
07/09/2023 12:10	8.8	66	9	12.1	0.0	26.1	50
07/09/2023 12:20	8.6	62	9	11.2	0.0	26.0	51
07/09/2023 12:30	8.8	64	9	11.5	0.0	25.8	54
07/09/2023 12:40	8.7	55	7	11.6	0.0	25.8	56
07/09/2023 12:50	8.6	59	9	12.0	0.0	25.8	56
07/09/2023 13:00	8.8	58	8	11.7	0.0	25.7	57
07/09/2023 13:10	8.8	57	7	11.5	0.0	25.8	57
07/09/2023 13:20	7.7	56	10	10.6	0.0	25.9	57
07/09/2023 13:30	7.8	56	9	10.6	0.0	26.0	57
07/09/2023 13:40	8.1	59	9	11.0	0.0	26.2	55
07/09/2023 13:50	7.8	59	11	11.0	0.0	26.2	55
07/09/2023 14:00	8.3	59	9	11.3	0.0	26.5	53
07/09/2023 14:10	8.2	57	9	10.9	0.0	27.0	50
07/09/2023 14:20	8.0	60	9	11.3	0.0	26.8	49
07/09/2023 14:30	7.8	62	8	10.1	0.0	27.1	48
07/09/2023 14:40	7.7	63	9	10.6	0.0	27.4	45
07/09/2023 14:50	7.5	60	11	10.3	0.0	27.9	40
07/09/2023 15:00	7.0	48	14	10.2	0.0	28.3	39
07/09/2023 15:10	7.2	45	11	10.7	0.0	28.1	39
07/09/2023 15:20	7.4	51	10	10.2	0.0	28.1	37
07/09/2023 15:30	7.3	37	13	9.9	0.0	28.3	36
07/09/2023 15:40	7.5	36	11	10.3	0.0	28.3	34
07/09/2023 15:50	6.0	34	10	8.6	0.0	28.2	41
07/09/2023 16:00	6.1	23	13	8.8	0.0	27.5	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/09/2023 16:10	6.7	15	10	9.0	0.0	27.4	44
07/09/2023 16:20	7.1	12	8	9.0	0.0	27.1	46
07/09/2023 16:30	7.7	13	8	9.7	0.0	26.7	47
07/09/2023 16:40	6.7	189	9	9.5	0.0	26.4	52
07/09/2023 16:50	6.4	181	9	8.8	0.0	25.8	59
07/09/2023 17:00	6.2	182	9	8.2	0.0	25.8	59
07/09/2023 17:10	6.2	5	8	8.2	0.0	25.5	60
07/09/2023 17:20	5.7	6	9	7.7	0.0	25.3	60
07/09/2023 17:30	6.0	7	9	8.0	0.0	25.0	61
07/09/2023 17:40	5.1	4	9	7.6	0.0	24.9	63
07/09/2023 17:50	4.7	181	10	6.4	0.0	24.7	64
07/09/2023 18:00	4.3	178	13	6.2	0.0	24.4	65
07/09/2023 18:10	4.1	348	11	5.8	0.0	24.2	66
07/09/2023 18:20	4.3	343	9	6.2	0.0	23.9	67
07/09/2023 18:30	4.7	340	9	6.6	0.0	23.8	66
07/09/2023 18:40	4.9	339	8	6.8	0.0	23.7	66
07/09/2023 18:50	4.7	343	8	7.1	0.0	23.7	66
07/09/2023 19:00	4.8	341	10	6.6	0.0	23.6	67
07/09/2023 19:10	4.3	337	11	6.8	0.0	23.6	67
07/09/2023 19:20	3.8	341	17	5.8	0.0	23.5	67
07/09/2023 19:30	3.0	331	18	4.4	0.0	23.6	67
07/09/2023 19:40	2.2	322	19	4.4	0.0	23.5	67
07/09/2023 19:50	3.4	324	11	5.1	0.0	23.6	67
07/09/2023 20:00	3.6	335	10	5.2	0.0	23.5	67
07/09/2023 20:10	3.9	331	9	5.4	0.0	23.5	67
07/09/2023 20:20	3.9	331	8	5.6	0.0	23.4	67
07/09/2023 20:30	3.0	319	13	5.4	0.0	23.4	67
07/09/2023 20:40	3.3	309	11	5.1	0.0	23.4	67
07/09/2023 20:50	2.9	307	14	4.4	0.0	23.4	67
07/09/2023 21:00	2.5	302	16	4.1	0.0	23.3	67
07/09/2023 21:10	2.2	294	16	3.9	0.0	23.3	67
07/09/2023 21:20	2.3	301	10	3.4	0.0	23.2	66
07/09/2023 21:30	2.8	311	8	4.2	0.0	23.1	66
07/09/2023 21:40	2.5	309	9	4.0	0.0	23.1	66
07/09/2023 21:50	2.9	310	7	4.1	0.0	23.1	66
07/09/2023 22:00	3.4	318	9	4.7	0.0	23.1	66
07/09/2023 22:10	3.0	310	8	4.3	0.0	23.0	66
07/09/2023 22:20	2.1	312	10	3.5	0.0	23.0	65
07/09/2023 22:30	1.5	287	14	2.4	0.0	22.8	65
07/09/2023 22:40	1.5	258	9	2.0	0.0	22.5	64
07/09/2023 22:50	2.0	295	7	2.5	0.0	22.5	64
07/09/2023 23:00	1.6	300	6	1.9	0.0	22.5	63
07/09/2023 23:10	1.7	290	7	2.0	0.0	22.6	63
07/09/2023 23:20	1.2	279	10	1.6	0.0	22.6	62
07/09/2023 23:30	1.2	298	16	1.5	0.0	22.4	61
07/09/2023 23:40	1.9	271	6	2.4	0.0	22.1	61
07/09/2023 23:50	1.7	279	10	2.2	0.0	22.0	59
08/09/2023 00:00	1.7	268	7	2.0	0.0	21.9	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/09/2023 00:10	1.2	284	15	1.7	0.0	21.7	58
08/09/2023 00:20	1.2	259	10	1.8	0.0	21.6	57
08/09/2023 00:30	2.8	259	5	3.5	0.0	21.6	56
08/09/2023 00:40	2.9	265	4	3.4	0.0	21.5	56
08/09/2023 00:50	2.6	280	8	3.4	0.0	21.5	55
08/09/2023 01:00	2.1	283	7	2.6	0.0	21.6	54
08/09/2023 01:10	1.9	283	8	2.8	0.0	21.6	53
08/09/2023 01:20	1.9	265	16	2.8	0.0	21.3	53
08/09/2023 01:30	0.8	225	37	1.9	0.0	21.3	52
08/09/2023 01:40	0.9	210	27	1.9	0.0	21.3	52
08/09/2023 01:50	1.2	241	26	2.1	0.0	21.6	52
08/09/2023 02:00	0.8	223	28	1.9	0.0	21.5	52
08/09/2023 02:10	0.4	261	65	0.9	0.0	21.3	52
08/09/2023 02:20	0.5	247	62	0.9	0.0	21.1	51
08/09/2023 02:30	0.8	113	44	1.5	0.0	21.0	51
08/09/2023 02:40	1.0	78	16	1.7	0.0	20.4	51
08/09/2023 02:50	1.1	80	26	2.5	0.0	19.9	50
08/09/2023 03:00	2.3	192	24	4.2	0.0	20.4	48
08/09/2023 03:10	2.2	129	22	3.2	0.0	20.7	48
08/09/2023 03:20	1.9	158	32	4.2	0.0	20.9	47
08/09/2023 03:30	2.7	191	10	3.7	0.0	20.7	48
08/09/2023 03:40	3.1	179	12	5.1	0.0	20.8	49
08/09/2023 03:50	2.4	128	18	3.9	0.0	21.1	51
08/09/2023 04:00	2.1	116	19	3.4	0.0	21.0	52
08/09/2023 04:10	2.0	104	15	3.3	0.0	21.0	51
08/09/2023 04:20	1.7	114	16	2.8	0.0	21.1	51
08/09/2023 04:30	1.0	111	23	1.5	0.0	21.0	51
08/09/2023 04:40	0.9	81	21	1.4	0.0	20.9	51
08/09/2023 04:50	1.0	45	7	1.3	0.0	21.0	51
08/09/2023 05:00	1.4	31	6	1.7	0.0	21.0	52
08/09/2023 05:10	1.5	15	4	1.8	0.0	20.9	53
08/09/2023 05:20	1.2	176	10	1.6	0.0	20.6	54
08/09/2023 05:30	1.4	181	7	2.0	0.0	20.8	58
08/09/2023 05:40	2.1	109	42	3.0	0.0	20.6	61
08/09/2023 05:50	2.0	209	19	2.9	0.0	20.5	58
08/09/2023 06:00	0.8	237	24	1.5	0.0	20.4	55
08/09/2023 06:10	0.5	100	44	1.1	0.0	20.7	55
08/09/2023 06:20	0.7	18	22	1.0	0.0	20.7	57
08/09/2023 06:30	0.4	128	55	0.7	0.0	20.3	57
08/09/2023 06:40	0.7	36	31	1.5	0.0	20.4	56
08/09/2023 06:50	1.4	72	14	2.1	0.0	20.6	56
08/09/2023 07:00	1.4	77	20	2.2	0.0	21.0	54
08/09/2023 07:10	1.7	96	20	3.0	0.0	21.4	54
08/09/2023 07:20	2.6	104	11	4.0	0.0	21.9	60
08/09/2023 07:30	2.7	94	8	3.8	0.0	22.5	64
08/09/2023 07:40	2.6	94	9	3.7	0.0	23.1	63
08/09/2023 07:50	3.2	95	9	4.4	0.0	23.4	62
08/09/2023 08:00	4.0	87	8	5.6	0.0	23.5	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/09/2023 08:10	4.6	90	9	6.2	0.0	23.7	61
08/09/2023 08:20	6.0	87	8	8.3	0.0	24.2	51
08/09/2023 08:30	6.0	94	9	8.6	0.0	24.6	43
08/09/2023 08:40	4.7	101	11	7.0	0.0	24.8	42
08/09/2023 08:50	6.0	99	11	8.1	0.0	24.7	38
08/09/2023 09:00	5.3	104	12	7.7	0.0	24.8	40
08/09/2023 09:10	4.9	108	11	7.3	0.0	24.6	44
08/09/2023 09:20	4.9	99	11	7.8	0.0	24.7	43
08/09/2023 09:30	6.6	91	6	8.2	0.0	24.9	36
08/09/2023 09:40	6.1	97	10	9.1	0.0	25.0	37
08/09/2023 09:50	5.8	94	9	7.9	0.0	25.1	35
08/09/2023 10:00	5.8	91	11	8.3	0.0	25.4	35
08/09/2023 10:10	6.1	94	9	8.4	0.0	25.5	33
08/09/2023 10:20	6.5	95	11	9.4	0.0	25.7	33
08/09/2023 10:30	6.5	89	10	9.0	0.0	25.7	32
08/09/2023 10:40	7.2	92	8	9.2	0.0	25.7	32
08/09/2023 10:50	7.1	86	9	9.7	0.0	25.8	32
08/09/2023 11:00	7.0	82	9	10.0	0.0	26.0	31
08/09/2023 11:10	7.2	83	10	9.8	0.0	26.1	33
08/09/2023 11:20	6.8	77	10	10.3	0.0	26.4	30
08/09/2023 11:30	7.6	81	9	10.3	0.0	26.2	32
08/09/2023 11:40	7.2	81	11	11.1	0.0	26.5	30
08/09/2023 11:50	7.5	77	10	10.8	0.0	26.7	27
08/09/2023 12:00	8.3	76	8	10.5	0.0	25.9	28
08/09/2023 12:10	7.5	80	10	9.9	0.0	26.3	27
08/09/2023 12:20	6.4	68	12	9.6	0.0	26.7	27
08/09/2023 12:30	7.3	69	11	10.3	0.0	26.1	28
08/09/2023 12:40	8.0	62	9	10.5	0.0	25.7	29
08/09/2023 12:50	7.7	63	8	10.8	0.0	26.0	29
08/09/2023 13:00	7.5	63	8	9.9	0.0	25.8	31
08/09/2023 13:10	7.9	69	7	10.4	0.0	25.8	32
08/09/2023 13:20	7.0	65	9	9.7	0.0	25.8	34
08/09/2023 13:30	6.1	66	12	9.1	0.0	26.1	35
08/09/2023 13:40	6.5	56	13	8.8	0.0	26.0	36
08/09/2023 13:50	6.8	56	10	9.9	0.0	26.2	34
08/09/2023 14:00	7.1	63	10	9.5	0.0	26.0	34
08/09/2023 14:10	7.1	54	10	10.0	0.0	26.4	33
08/09/2023 14:20	7.4	54	7	9.5	0.0	26.1	33
08/09/2023 14:30	6.8	58	11	9.5	0.0	26.1	33
08/09/2023 14:40	6.2	58	9	9.1	0.0	26.1	35
08/09/2023 14:50	6.8	58	8	9.1	0.0	26.1	34
08/09/2023 15:00	6.4	61	9	8.5	0.0	26.0	35
08/09/2023 15:10	6.0	59	11	8.5	0.0	26.4	33
08/09/2023 15:20	6.3	43	10	8.6	0.0	26.8	33
08/09/2023 15:30	6.2	56	10	8.5	0.0	26.3	33
08/09/2023 15:40	6.0	59	9	9.0	0.0	26.3	33
08/09/2023 15:50	5.9	63	8	8.3	0.0	26.4	33
08/09/2023 16:00	5.8	64	9	8.2	0.0	26.6	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/09/2023 16:10	5.2	64	8	7.2	0.0	26.6	35
08/09/2023 16:20	5.2	66	9	7.2	0.0	26.6	34
08/09/2023 16:30	5.0	64	8	6.8	0.0	26.8	35
08/09/2023 16:40	5.2	41	11	7.2	0.0	27.1	30
08/09/2023 16:50	5.5	36	8	7.8	0.0	27.1	26
08/09/2023 17:00	4.6	24	11	6.1	0.0	26.8	34
08/09/2023 17:10	3.9	18	10	5.6	0.0	26.6	37
08/09/2023 17:20	4.4	16	10	5.7	0.0	26.3	37
08/09/2023 17:30	4.9	10	7	6.5	0.0	25.8	37
08/09/2023 17:40	4.2	11	12	6.1	0.0	25.6	39
08/09/2023 17:50	4.2	182	10	5.7	0.0	25.2	44
08/09/2023 18:00	3.8	5	10	5.3	0.0	24.8	46
08/09/2023 18:10	3.7	5	10	4.9	0.0	24.6	46
08/09/2023 18:20	3.0	176	10	4.2	0.0	24.4	48
08/09/2023 18:30	2.9	339	10	4.1	0.0	24.1	52
08/09/2023 18:40	2.4	329	9	3.4	0.0	23.9	53
08/09/2023 18:50	1.8	328	15	2.7	0.0	23.9	53
08/09/2023 19:00	1.2	337	14	2.0	0.0	23.8	53
08/09/2023 19:10	1.0	338	30	1.6	0.0	23.7	52
08/09/2023 19:20	1.4	341	14	2.3	0.0	23.6	53
08/09/2023 19:30	2.2	326	7	3.1	0.0	23.7	53
08/09/2023 19:40	2.7	332	6	3.7	0.0	23.9	52
08/09/2023 19:50	2.9	341	8	3.9	0.0	23.9	52
08/09/2023 20:00	3.3	336	8	4.5	0.0	23.9	54
08/09/2023 20:10	3.0	331	8	4.2	0.0	23.8	56
08/09/2023 20:20	2.6	323	8	3.7	0.0	23.7	57
08/09/2023 20:30	2.2	316	8	3.0	0.0	23.6	58
08/09/2023 20:40	1.6	295	17	2.7	0.0	23.4	59
08/09/2023 20:50	1.6	209	15	2.3	0.0	23.2	60
08/09/2023 21:00	1.6	217	10	2.1	0.0	23.0	62
08/09/2023 21:10	1.1	258	13	1.8	0.0	22.7	62
08/09/2023 21:20	0.6	262	57	1.3	0.0	22.5	62
08/09/2023 21:30	1.1	201	19	1.6	0.0	22.7	61
08/09/2023 21:40	0.7	239	19	1.3	0.0	22.6	62
08/09/2023 21:50	1.1	289	12	1.8	0.0	22.4	61
08/09/2023 22:00	1.0	272	19	1.7	0.0	22.3	61
08/09/2023 22:10	1.3	272	16	1.7	0.0	22.0	64
08/09/2023 22:20	1.5	284	15	2.4	0.0	22.5	59
08/09/2023 22:30	1.1	251	15	1.8	0.0	22.2	62
08/09/2023 22:40	1.5	251	13	2.1	0.0	22.3	65
08/09/2023 22:50	1.7	268	9	2.1	0.0	22.1	66
08/09/2023 23:00	1.7	270	12	2.3	0.0	21.8	66
08/09/2023 23:10	1.9	267	5	2.2	0.0	21.8	66
08/09/2023 23:20	2.2	266	7	2.5	0.0	22.0	66
08/09/2023 23:30	1.7	264	10	2.1	0.0	21.8	66
08/09/2023 23:40	1.7	275	8	2.1	0.0	21.7	66
08/09/2023 23:50	1.5	274	15	2.1	0.0	21.8	65
09/09/2023 00:00	0.4	298	52	0.9	0.0	21.3	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/09/2023 00:10	1.6	279	7	2.0	0.0	21.0	66
09/09/2023 00:20	0.8	249	18	1.6	0.0	21.0	66
09/09/2023 00:30	0.7	249	23	1.3	0.0	21.2	66
09/09/2023 00:40	1.5	271	6	1.8	0.0	21.2	66
09/09/2023 00:50	0.8	259	20	1.6	0.0	21.0	67
09/09/2023 01:00	2.0	254	9	2.6	0.0	21.1	67
09/09/2023 01:10	2.0	265	5	2.4	0.0	21.4	66
09/09/2023 01:20	2.2	270	4	2.7	0.0	21.0	67
09/09/2023 01:30	2.6	268	4	3.0	0.0	20.9	67
09/09/2023 01:40	1.3	244	18	2.2	0.0	20.9	67
09/09/2023 01:50	2.4	273	7	3.0	0.0	20.6	67
09/09/2023 02:00	2.6	274	6	3.1	0.0	20.8	67
09/09/2023 02:10	2.9	273	8	3.5	0.0	20.9	66
09/09/2023 02:20	2.9	274	8	3.7	0.0	20.8	65
09/09/2023 02:30	2.7	272	10	3.4	0.0	20.8	66
09/09/2023 02:40	2.6	270	8	3.4	0.0	20.7	67
09/09/2023 02:50	2.9	269	6	3.6	0.0	20.4	67
09/09/2023 03:00	2.9	268	10	3.8	0.0	20.6	67
09/09/2023 03:10	3.1	267	9	4.1	0.0	20.7	67
09/09/2023 03:20	3.0	268	8	4.3	0.0	20.6	68
09/09/2023 03:30	3.6	267	6	4.5	0.0	20.6	69
09/09/2023 03:40	3.7	264	7	4.8	0.0	20.5	69
09/09/2023 03:50	3.6	266	5	4.3	0.0	20.2	69
09/09/2023 04:00	3.6	267	4	4.3	0.0	20.0	69
09/09/2023 04:10	3.5	268	6	4.2	0.0	20.0	69
09/09/2023 04:20	3.4	271	6	3.9	0.0	20.1	68
09/09/2023 04:30	3.4	270	4	4.2	0.0	20.0	68
09/09/2023 04:40	2.9	267	11	3.9	0.0	20.1	67
09/09/2023 04:50	3.1	272	5	4.1	0.0	20.2	65
09/09/2023 05:00	1.6	253	22	2.5	0.0	20.0	65
09/09/2023 05:10	0.9	225	34	1.6	0.0	20.0	65
09/09/2023 05:20	1.1	251	19	1.9	0.0	20.1	64
09/09/2023 05:30	1.0	237	19	1.8	0.0	20.3	62
09/09/2023 05:40	1.0	257	30	1.7	0.0	20.1	61
09/09/2023 05:50	0.8	213	56	1.8	0.0	19.4	63
09/09/2023 06:00	1.3	70	20	2.0	0.0	18.6	66
09/09/2023 06:10	1.6	50	9	2.1	0.0	18.6	65
09/09/2023 06:20	0.8	86	65	1.8	0.0	18.4	63
09/09/2023 06:30	0.8	22	51	1.4	0.0	19.2	55
09/09/2023 06:40	1.2	37	11	1.6	0.0	20.0	49
09/09/2023 06:50	1.2	50	15	1.7	0.0	20.4	46
09/09/2023 07:00	1.0	59	16	1.6	0.0	21.0	44
09/09/2023 07:10	1.1	38	15	1.5	0.0	21.2	46
09/09/2023 07:20	1.6	54	10	2.2	0.0	21.6	44
09/09/2023 07:30	1.3	71	14	2.0	0.0	22.4	41
09/09/2023 07:40	0.7	70	41	1.2	0.0	23.5	39
09/09/2023 07:50	1.9	192	21	3.0	0.0	23.7	35
09/09/2023 08:00	1.9	194	11	2.8	0.0	23.8	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/09/2023 08:10	1.6	200	9	2.3	0.0	24.3	31
09/09/2023 08:20	1.8	254	20	2.6	0.0	24.8	33
09/09/2023 08:30	1.8	265	10	2.6	0.0	24.9	33
09/09/2023 08:40	1.4	240	19	2.2	0.0	25.7	30
09/09/2023 08:50	1.3	214	21	2.3	0.0	26.4	27
09/09/2023 09:00	2.3	162	22	3.4	0.0	26.8	26
09/09/2023 09:10	2.0	168	20	2.9	0.0	27.1	25
09/09/2023 09:20	1.3	130	42	2.8	0.0	27.9	25
09/09/2023 09:30	1.6	101	32	2.7	0.0	28.5	24
09/09/2023 09:40	1.8	113	25	2.9	0.0	29.1	24
09/09/2023 09:50	2.4	99	14	3.4	0.0	28.6	26
09/09/2023 10:00	2.5	102	14	3.8	0.0	28.6	25
09/09/2023 10:10	2.6	108	15	3.7	0.0	28.6	25
09/09/2023 10:20	2.8	119	15	4.3	0.0	28.8	24
09/09/2023 10:30	2.4	116	18	3.7	0.0	29.0	24
09/09/2023 10:40	2.6	120	18	4.1	0.0	29.4	24
09/09/2023 10:50	2.5	122	19	4.1	0.0	29.2	24
09/09/2023 11:00	2.6	113	14	4.4	0.0	29.4	23
09/09/2023 11:10	2.9	103	13	4.3	0.0	29.6	23
09/09/2023 11:20	4.2	85	13	6.9	0.0	29.4	23
09/09/2023 11:30	3.8	94	12	5.6	0.0	29.4	23
09/09/2023 11:40	4.0	93	11	6.0	0.0	29.7	22
09/09/2023 11:50	4.3	77	14	6.2	0.0	29.4	20
09/09/2023 12:00	4.4	62	10	5.7	0.0	29.5	20
09/09/2023 12:10	4.5	75	10	6.6	0.0	29.8	19
09/09/2023 12:20	4.7	77	13	6.4	0.0	29.8	18
09/09/2023 12:30	4.7	60	11	6.6	0.0	29.8	17
09/09/2023 12:40	5.0	69	11	7.4	0.0	29.6	17
09/09/2023 12:50	4.4	62	12	6.3	0.0	29.8	18
09/09/2023 13:00	4.7	61	11	6.6	0.0	29.9	17
09/09/2023 13:10	4.8	71	10	6.7	0.0	30.0	17
09/09/2023 13:20	5.1	64	12	7.0	0.0	30.1	18
09/09/2023 13:30	4.9	49	10	7.2	0.0	30.5	17
09/09/2023 13:40	4.6	53	11	7.2	0.0	30.2	17
09/09/2023 13:50	4.3	62	15	6.5	0.0	30.4	17
09/09/2023 14:00	4.4	63	16	7.1	0.0	30.5	18
09/09/2023 14:10	4.6	48	12	7.2	0.0	30.8	18
09/09/2023 14:20	4.8	42	16	7.2	0.0	31.5	17
09/09/2023 14:30	5.8	37	13	8.7	0.0	31.8	17
09/09/2023 14:40	5.2	11	19	7.1	0.0	31.1	21
09/09/2023 14:50	6.4	352	9	8.5	0.0	30.7	25
09/09/2023 15:00	4.3	174	12	6.1	0.0	29.2	32
09/09/2023 15:10	5.1	340	14	7.3	0.0	29.7	29
09/09/2023 15:20	3.7	342	15	5.9	0.0	29.5	29
09/09/2023 15:30	4.7	342	19	6.6	0.0	29.7	28
09/09/2023 15:40	4.1	339	19	5.8	0.0	29.1	29
09/09/2023 15:50	3.4	175	16	4.9	0.0	29.7	28
09/09/2023 16:00	4.0	332	12	5.7	0.0	29.1	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/09/2023 16:10	3.0	334	13	4.8	0.0	29.1	30
09/09/2023 16:20	4.2	326	11	6.0	0.0	28.9	28
09/09/2023 16:30	3.4	309	16	5.5	0.0	28.9	26
09/09/2023 16:40	3.7	317	14	6.1	0.0	28.8	25
09/09/2023 16:50	3.6	321	7	4.9	0.0	28.7	24
09/09/2023 17:00	3.2	331	15	5.2	0.0	28.7	25
09/09/2023 17:10	2.9	339	16	4.2	0.0	28.6	25
09/09/2023 17:20	2.6	319	15	4.0	0.0	28.4	26
09/09/2023 17:30	2.1	318	21	3.9	0.0	28.5	26
09/09/2023 17:40	2.1	327	12	3.7	0.0	28.2	27
09/09/2023 17:50	2.1	293	15	3.2	0.0	28.0	28
09/09/2023 18:00	1.4	296	17	2.3	0.0	27.7	28
09/09/2023 18:10	1.4	323	20	2.9	0.0	27.3	28
09/09/2023 18:20	1.4	304	15	2.4	0.0	27.2	27
09/09/2023 18:30	1.7	279	18	2.8	0.0	26.9	30
09/09/2023 18:40	1.7	261	8	2.4	0.0	26.5	34
09/09/2023 18:50	1.8	272	4	2.5	0.0	26.2	37
09/09/2023 19:00	2.1	274	5	2.7	0.0	25.9	38
09/09/2023 19:10	2.7	271	4	3.3	0.0	25.8	47
09/09/2023 19:20	2.7	267	3	3.2	0.0	25.3	63
09/09/2023 19:30	2.1	273	5	2.7	0.0	25.1	62
09/09/2023 19:40	2.5	270	6	3.1	0.0	24.8	63
09/09/2023 19:50	2.3	275	6	2.9	0.0	24.5	65
09/09/2023 20:00	2.1	276	6	2.5	0.0	24.5	66
09/09/2023 20:10	2.1	280	5	2.6	0.0	24.3	66
09/09/2023 20:20	2.2	268	8	3.0	0.0	24.2	66
09/09/2023 20:30	2.6	265	6	3.2	0.0	24.1	64
09/09/2023 20:40	2.7	267	5	3.4	0.0	24.1	63
09/09/2023 20:50	2.2	261	6	2.9	0.0	24.1	60
09/09/2023 21:00	3.2	272	4	3.9	0.0	24.2	57
09/09/2023 21:10	2.6	265	7	3.5	0.0	24.1	56
09/09/2023 21:20	2.7	262	7	3.7	0.0	24.0	57
09/09/2023 21:30	2.7	274	6	3.5	0.0	24.0	58
09/09/2023 21:40	2.0	277	9	2.6	0.0	24.0	56
09/09/2023 21:50	2.3	269	7	3.1	0.0	23.9	54
09/09/2023 22:00	2.5	263	5	2.9	0.0	23.9	52
09/09/2023 22:10	2.8	266	5	3.3	0.0	23.9	50
09/09/2023 22:20	2.7	276	5	3.3	0.0	24.0	45
09/09/2023 22:30	2.9	277	5	3.7	0.0	24.2	41
09/09/2023 22:40	3.1	275	6	4.2	0.0	24.3	39
09/09/2023 22:50	3.0	269	7	4.1	0.0	24.0	40
09/09/2023 23:00	2.5	270	6	3.2	0.0	24.0	41
09/09/2023 23:10	2.8	271	5	3.5	0.0	23.7	44
09/09/2023 23:20	3.0	275	5	3.7	0.0	23.5	44
09/09/2023 23:30	2.9	277	5	3.6	0.0	23.6	44
09/09/2023 23:40	2.3	275	5	2.8	0.0	23.5	45
09/09/2023 23:50	2.9	275	6	3.4	0.0	23.8	44
10/09/2023 00:00	3.1	273	5	4.0	0.0	23.5	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/09/2023 00:10	2.3	276	6	3.1	0.0	23.4	47
10/09/2023 00:20	2.4	273	7	3.0	0.0	22.8	50
10/09/2023 00:30	2.2	271	7	2.9	0.0	22.5	52
10/09/2023 00:40	1.9	283	9	2.8	0.0	22.4	54
10/09/2023 00:50	2.3	281	7	3.1	0.0	22.6	57
10/09/2023 01:00	2.2	277	7	2.6	0.0	22.9	56
10/09/2023 01:10	1.8	278	8	2.3	0.0	23.2	52
10/09/2023 01:20	1.3	279	14	1.9	0.0	22.6	52
10/09/2023 01:30	0.9	328	45	1.6	0.0	22.4	54
10/09/2023 01:40	0.7	200	22	1.0	0.0	22.3	53
10/09/2023 01:50	0.6	84	24	1.1	0.0	21.4	56
10/09/2023 02:00	1.1	45	17	1.4	0.0	21.2	54
10/09/2023 02:10	1.0	288	33	1.4	0.0	21.2	53
10/09/2023 02:20	1.5	248	13	1.9	0.0	20.8	61
10/09/2023 02:30	1.3	262	9	1.7	0.0	20.8	62
10/09/2023 02:40	1.2	249	10	1.5	0.0	20.7	59
10/09/2023 02:50	2.1	264	4	2.5	0.0	20.9	57
10/09/2023 03:00	0.9	269	11	1.4	0.0	21.3	56
10/09/2023 03:10	1.0	268	10	1.5	0.0	21.2	57
10/09/2023 03:20	2.2	282	6	3.0	0.0	21.2	63
10/09/2023 03:30	2.3	280	3	2.7	0.0	21.2	65
10/09/2023 03:40	1.8	281	3	2.3	0.0	21.3	64
10/09/2023 03:50	1.5	278	6	1.9	0.0	21.4	64
10/09/2023 04:00	1.9	260	2	2.1	0.0	21.1	65
10/09/2023 04:10	2.3	267	3	2.6	0.0	21.0	66
10/09/2023 04:20	1.3	277	8	1.9	0.0	21.2	68
10/09/2023 04:30	1.8	269	3	2.1	0.0	21.0	69
10/09/2023 04:40	2.2	267	2	2.4	0.0	21.3	69
10/09/2023 04:50	2.7	267	2	3.0	0.0	21.0	69
10/09/2023 05:00	2.7	269	2	3.0	0.0	20.9	69
10/09/2023 05:10	2.7	268	5	3.1	0.0	21.1	69
10/09/2023 05:20	2.7	267	6	3.3	0.0	20.8	67
10/09/2023 05:30	3.6	267	3	4.4	0.0	20.7	63
10/09/2023 05:40	3.8	266	4	4.5	0.0	20.6	60
10/09/2023 05:50	3.8	264	4	4.4	0.0	20.7	58
10/09/2023 06:00	3.8	259	5	5.1	0.0	20.5	58
10/09/2023 06:10	3.3	250	10	4.5	0.0	20.8	58
10/09/2023 06:20	3.5	266	7	4.6	0.0	20.8	60
10/09/2023 06:30	3.4	269	6	4.1	0.0	20.8	61
10/09/2023 06:40	3.0	267	8	3.9	0.0	20.6	63
10/09/2023 06:50	2.5	277	10	3.6	0.0	20.7	65
10/09/2023 07:00	3.2	277	5	4.1	0.0	20.9	66
10/09/2023 07:10	2.9	287	7	3.7	0.0	21.0	66
10/09/2023 07:20	3.1	280	9	4.1	0.0	21.1	66
10/09/2023 07:30	3.9	270	4	4.8	0.0	21.5	65
10/09/2023 07:40	3.2	272	5	4.0	0.0	22.0	65
10/09/2023 07:50	3.0	269	5	3.5	0.0	22.4	63
10/09/2023 08:00	2.7	263	7	3.4	0.0	22.9	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/09/2023 08:10	2.7	266	6	3.4	0.0	23.4	59
10/09/2023 08:20	2.1	264	10	2.9	0.0	24.1	56
10/09/2023 08:30	1.8	266	14	2.6	0.0	24.8	53
10/09/2023 08:40	1.8	264	12	2.5	0.0	25.5	49
10/09/2023 08:50	2.1	265	13	3.3	0.0	26.6	45
10/09/2023 09:00	3.0	258	9	3.8	0.0	27.5	38
10/09/2023 09:10	2.8	267	10	3.8	0.0	27.8	34
10/09/2023 09:20	3.2	276	9	4.2	0.0	28.3	33
10/09/2023 09:30	3.0	264	13	4.1	0.0	28.6	35
10/09/2023 09:40	3.8	272	6	5.0	0.0	28.7	36
10/09/2023 09:50	4.3	266	9	6.1	0.0	29.0	34
10/09/2023 10:00	3.3	250	15	4.8	0.0	29.7	31
10/09/2023 10:10	3.6	240	13	5.4	0.0	30.2	26
10/09/2023 10:20	3.6	237	13	5.4	0.0	30.8	24
10/09/2023 10:30	3.1	225	20	4.6	0.0	31.2	24
10/09/2023 10:40	3.9	227	12	5.9	0.0	31.2	23
10/09/2023 10:50	4.3	217	16	6.1	0.0	31.4	24
10/09/2023 11:00	4.5	233	13	6.6	0.0	31.8	23
10/09/2023 11:10	5.1	240	11	6.8	0.0	32.0	23
10/09/2023 11:20	5.8	262	7	7.0	0.0	32.4	23
10/09/2023 11:30	5.2	257	9	6.5	0.0	32.6	25
10/09/2023 11:40	5.2	267	10	6.8	0.0	32.7	28
10/09/2023 11:50	4.7	268	10	6.3	0.0	33.2	27
10/09/2023 12:00	4.5	270	10	5.9	0.0	32.8	31
10/09/2023 12:10	4.4	265	13	5.5	0.0	33.0	27
10/09/2023 12:20	4.0	266	14	5.4	0.0	33.2	28
10/09/2023 12:30	3.9	286	8	5.2	0.0	33.1	27
10/09/2023 12:40	3.4	285	15	5.1	0.0	33.3	26
10/09/2023 12:50	2.6	260	18	3.8	0.0	33.8	25
10/09/2023 13:00	2.2	157	59	4.5	0.0	33.8	24
10/09/2023 13:10	2.7	288	31	4.7	0.0	33.9	24
10/09/2023 13:20	2.9	307	26	6.4	0.0	33.8	25
10/09/2023 13:30	2.6	308	36	4.5	0.0	33.9	24
10/09/2023 13:40	2.9	283	18	4.7	0.0	34.0	24
10/09/2023 13:50	2.6	331	22	4.2	0.0	34.3	23
10/09/2023 14:00	3.1	168	16	5.0	0.0	33.7	26
10/09/2023 14:10	3.3	313	14	4.7	0.0	33.0	30
10/09/2023 14:20	3.3	330	11	4.8	0.0	32.6	35
10/09/2023 14:30	5.2	353	13	8.0	0.0	30.9	44
10/09/2023 14:40	5.6	356	11	7.5	0.0	30.0	51
10/09/2023 14:50	5.6	350	11	7.3	0.0	29.8	50
10/09/2023 15:00	5.9	354	10	7.4	0.0	29.4	53
10/09/2023 15:10	5.9	182	11	7.8	0.0	29.6	54
10/09/2023 15:20	5.6	350	12	7.8	0.0	29.3	53
10/09/2023 15:30	6.2	346	7	7.9	0.0	28.8	51
10/09/2023 15:40	5.7	344	9	7.3	0.0	28.6	52
10/09/2023 15:50	6.1	352	7	7.8	0.0	28.2	52
10/09/2023 16:00	5.9	352	8	7.0	0.0	28.1	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/09/2023 16:10	5.6	342	9	7.1	0.0	28.1	51
10/09/2023 16:20	4.8	344	11	6.3	0.0	28.2	51
10/09/2023 16:30	3.9	343	13	5.8	0.0	28.2	49
10/09/2023 16:40	3.4	326	10	5.2	0.0	27.9	52
10/09/2023 16:50	3.2	321	20	5.0	0.0	27.8	51
10/09/2023 17:00	2.7	313	20	5.1	0.0	27.7	53
10/09/2023 17:10	3.6	324	13	5.0	0.0	27.1	56
10/09/2023 17:20	3.4	324	14	4.9	0.0	27.0	54
10/09/2023 17:30	3.5	334	13	5.4	0.0	27.0	53
10/09/2023 17:40	4.7	337	8	5.9	0.0	26.8	50
10/09/2023 17:50	4.5	333	7	6.2	0.0	26.6	50
10/09/2023 18:00	4.3	340	7	5.7	0.0	26.4	51
10/09/2023 18:10	3.8	334	8	5.3	0.0	26.2	54
10/09/2023 18:20	3.5	334	9	4.9	0.0	26.1	55
10/09/2023 18:30	3.2	324	12	4.4	0.0	25.9	57
10/09/2023 18:40	3.1	321	11	4.6	0.0	25.8	59
10/09/2023 18:50	2.7	313	13	4.1	0.0	25.7	59
10/09/2023 19:00	1.3	290	50	2.9	0.0	25.6	59
10/09/2023 19:10	1.3	287	18	2.2	0.0	25.5	59
10/09/2023 19:20	1.7	286	12	2.5	0.0	25.4	62
10/09/2023 19:30	1.3	260	16	1.8	0.0	25.2	65
10/09/2023 19:40	1.5	264	7	1.9	0.0	25.1	66
10/09/2023 19:50	1.8	279	7	2.2	0.0	24.9	66
10/09/2023 20:00	1.9	290	8	2.5	0.0	24.8	64
10/09/2023 20:10	1.7	259	10	2.3	0.0	25.0	65
10/09/2023 20:20	2.3	275	6	2.9	0.0	24.7	67
10/09/2023 20:30	1.6	269	7	2.3	0.0	24.5	67
10/09/2023 20:40	2.2	275	4	2.7	0.0	24.4	66
10/09/2023 20:50	2.5	271	3	3.0	0.0	24.4	66
10/09/2023 21:00	2.8	272	3	3.3	0.0	24.3	67
10/09/2023 21:10	3.0	271	3	3.4	0.0	24.3	66
10/09/2023 21:20	2.9	271	3	3.3	0.0	24.2	67
10/09/2023 21:30	2.7	262	5	3.5	0.0	24.0	67
10/09/2023 21:40	2.6	263	5	3.2	0.0	23.8	66
10/09/2023 21:50	2.3	271	5	2.9	0.0	23.8	65
10/09/2023 22:00	2.4	266	5	2.8	0.0	23.8	65
10/09/2023 22:10	2.4	265	3	2.8	0.0	23.6	67
10/09/2023 22:20	2.2	268	4	2.5	0.0	23.5	67
10/09/2023 22:30	2.7	272	3	3.2	0.0	23.6	67
10/09/2023 22:40	2.8	269	4	3.3	0.0	23.5	68
10/09/2023 22:50	2.7	270	5	3.4	0.0	23.4	68
10/09/2023 23:00	1.9	264	6	2.4	0.0	23.3	68
10/09/2023 23:10	2.4	270	4	2.9	0.0	23.3	68
10/09/2023 23:20	2.9	273	4	3.4	0.0	23.3	67
10/09/2023 23:30	2.4	269	6	2.9	0.0	23.1	66
10/09/2023 23:40	2.6	269	5	3.2	0.0	23.0	64
10/09/2023 23:50	3.1	271	3	3.6	0.0	23.0	62
11/09/2023 00:00	3.1	272	3	3.8	0.0	23.0	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/09/2023 00:10	3.4	275	4	4.0	0.0	23.1	59
11/09/2023 00:20	3.6	274	3	4.1	0.0	23.2	59
11/09/2023 00:30	3.7	275	4	4.2	0.0	23.1	58
11/09/2023 00:40	3.7	272	4	4.3	0.0	23.1	57
11/09/2023 00:50	3.1	271	4	3.8	0.0	23.0	56
11/09/2023 01:00	3.4	273	3	3.9	0.0	22.9	56
11/09/2023 01:10	3.5	274	3	4.0	0.0	22.8	57
11/09/2023 01:20	3.0	273	4	3.7	0.0	22.7	58
11/09/2023 01:30	2.7	267	5	3.3	0.0	22.6	59
11/09/2023 01:40	2.5	269	4	2.9	0.0	22.5	60
11/09/2023 01:50	2.3	266	4	2.7	0.0	22.5	61
11/09/2023 02:00	2.9	273	4	3.7	0.0	22.5	63
11/09/2023 02:10	3.3	271	4	3.9	0.0	22.7	65
11/09/2023 02:20	2.9	274	3	3.2	0.0	22.6	66
11/09/2023 02:30	3.2	273	3	3.6	0.0	22.7	66
11/09/2023 02:40	2.8	274	5	3.5	0.0	22.7	66
11/09/2023 02:50	2.8	276	5	3.5	0.0	22.6	66
11/09/2023 03:00	3.3	275	5	4.1	0.0	22.7	66
11/09/2023 03:10	3.6	274	4	4.4	0.0	22.6	66
11/09/2023 03:20	3.2	273	3	3.7	0.0	22.5	66
11/09/2023 03:30	2.8	281	5	3.4	0.0	22.5	66
11/09/2023 03:40	2.9	280	4	3.3	0.0	22.5	66
11/09/2023 03:50	2.7	278	4	3.2	0.0	22.4	66
11/09/2023 04:00	2.3	280	7	2.9	0.0	22.4	66
11/09/2023 04:10	1.9	268	10	2.8	0.0	22.2	66
11/09/2023 04:20	1.9	281	8	2.3	0.0	22.4	66
11/09/2023 04:30	2.1	271	8	2.9	0.0	22.5	66
11/09/2023 04:40	1.3	278	13	1.9	0.0	22.3	67
11/09/2023 04:50	0.5	282	31	0.9	0.0	22.0	67
11/09/2023 05:00	0.6	177	67	1.0	0.0	21.8	67
11/09/2023 05:10	0.4	233	43	0.7	0.0	21.6	67
11/09/2023 05:20	0.4	330	25	0.8	0.0	21.5	67
11/09/2023 05:30	1.2	277	15	1.8	0.0	21.7	67
11/09/2023 05:40	1.7	265	12	2.3	0.0	22.3	67
11/09/2023 05:50	1.8	263	12	2.3	0.0	23.0	65
11/09/2023 06:00	0.6	17	78	1.3	0.0	22.0	66
11/09/2023 06:10	0.9	24	18	1.1	0.0	22.2	66
11/09/2023 06:20	0.9	29	16	1.4	0.0	22.3	65
11/09/2023 06:30	1.0	112	52	2.3	0.0	23.0	61
11/09/2023 06:40	1.1	266	44	2.2	0.0	23.8	57
11/09/2023 06:50	0.8	198	78	1.6	0.0	24.3	55
11/09/2023 07:00	1.6	309	11	2.1	0.0	24.2	55
11/09/2023 07:10	2.1	269	8	2.8	0.0	24.8	52
11/09/2023 07:20	2.4	267	9	3.2	0.0	25.0	53
11/09/2023 07:30	2.3	270	7	3.0	0.0	25.4	51
11/09/2023 07:40	1.8	275	11	2.6	0.0	26.0	48
11/09/2023 07:50	1.7	176	23	2.8	0.0	26.9	45
11/09/2023 08:00	2.0	85	13	2.9	0.0	27.1	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/09/2023 08:10	2.9	94	10	4.4	0.0	26.5	47
11/09/2023 08:20	2.4	129	13	3.3	0.0	27.1	43
11/09/2023 08:30	2.1	125	19	3.1	0.0	27.8	42
11/09/2023 08:40	2.9	104	10	4.1	0.0	27.7	43
11/09/2023 08:50	2.2	104	14	3.5	0.0	27.3	45
11/09/2023 09:00	2.3	94	10	3.1	0.0	27.8	45
11/09/2023 09:10	2.7	98	11	3.6	0.0	28.0	44
11/09/2023 09:20	3.4	99	10	4.9	0.0	27.7	47
11/09/2023 09:30	2.6	96	9	3.6	0.0	27.5	49
11/09/2023 09:40	3.1	98	13	4.4	0.0	28.4	45
11/09/2023 09:50	2.8	86	13	4.3	0.0	28.6	44
11/09/2023 10:00	3.6	89	8	5.0	0.0	29.6	38
11/09/2023 10:10	3.2	94	12	5.3	0.0	30.1	37
11/09/2023 10:20	2.9	85	15	4.1	0.0	30.5	37
11/09/2023 10:30	3.4	91	11	4.9	0.0	31.4	34
11/09/2023 10:40	3.4	62	13	4.9	0.0	30.8	38
11/09/2023 10:50	2.0	100	18	3.4	0.0	31.3	37
11/09/2023 11:00	2.2	82	14	4.2	0.0	32.4	33
11/09/2023 11:10	3.2	97	17	4.8	0.0	33.2	31
11/09/2023 11:20	3.0	93	19	4.8	0.0	33.2	31
11/09/2023 11:30	3.5	80	15	5.1	0.0	33.1	30
11/09/2023 11:40	2.4	103	25	4.6	0.0	33.8	29
11/09/2023 11:50	2.8	84	13	4.5	0.0	34.1	29
11/09/2023 12:00	2.8	96	16	4.1	0.0	34.5	28
11/09/2023 12:10	2.6	95	22	4.1	0.0	34.6	28
11/09/2023 12:20	2.1	122	40	3.6	0.0	34.7	28
11/09/2023 12:30	1.8	88	29	3.1	0.0	35.5	27
11/09/2023 12:40	1.0	231	79	2.8	0.0	35.9	26
11/09/2023 12:50	2.1	145	30	4.1	0.0	35.8	26
11/09/2023 13:00	1.1	237	59	2.2	0.0	35.7	26
11/09/2023 13:10	3.6	320	10	5.2	0.0	34.9	33
11/09/2023 13:20	4.3	326	7	5.3	0.0	33.7	33
11/09/2023 13:30	4.3	333	9	5.4	0.0	34.3	31
11/09/2023 13:40	4.7	332	7	5.9	0.0	34.0	31
11/09/2023 13:50	4.2	335	12	5.7	0.0	34.2	32
11/09/2023 14:00	4.7	342	9	5.7	0.0	33.6	34
11/09/2023 14:10	4.7	325	8	6.1	0.0	33.8	34
11/09/2023 14:20	4.8	327	8	6.1	0.0	32.8	38
11/09/2023 14:30	4.5	328	8	5.9	0.0	33.1	37
11/09/2023 14:40	4.9	333	10	7.0	0.0	32.7	39
11/09/2023 14:50	5.2	342	9	6.7	0.0	32.4	40
11/09/2023 15:00	6.3	345	8	8.3	0.0	31.9	43
11/09/2023 15:10	4.8	333	9	6.3	0.0	31.8	42
11/09/2023 15:20	4.6	329	6	6.0	0.0	32.0	40
11/09/2023 15:30	4.2	322	9	5.8	0.0	32.4	41
11/09/2023 15:40	4.2	315	13	5.6	0.0	32.7	42
11/09/2023 15:50	4.1	320	9	5.6	0.0	32.5	43
11/09/2023 16:00	4.4	318	10	6.2	0.0	32.1	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/09/2023 16:10	3.7	310	10	4.9	0.0	31.9	46
11/09/2023 16:20	3.3	319	13	4.5	0.0	32.0	46
11/09/2023 16:30	3.2	303	10	4.5	0.0	31.9	47
11/09/2023 16:40	4.3	312	9	6.1	0.0	31.1	46
11/09/2023 16:50	4.2	315	10	5.6	0.0	30.8	44
11/09/2023 17:00	3.8	289	14	4.8	0.0	30.8	45
11/09/2023 17:10	3.7	291	7	4.8	0.0	30.3	49
11/09/2023 17:20	3.3	286	11	4.5	0.0	30.2	46
11/09/2023 17:30	3.7	281	8	4.8	0.0	29.9	46
11/09/2023 17:40	3.3	287	6	4.3	0.0	29.5	48
11/09/2023 17:50	3.0	275	8	3.9	0.0	29.3	50
11/09/2023 18:00	3.2	267	6	4.1	0.0	28.7	56
11/09/2023 18:10	2.9	274	7	3.9	0.0	28.1	60
11/09/2023 18:20	3.2	259	8	4.2	0.0	27.8	61
11/09/2023 18:30	4.1	262	6	5.0	0.0	27.6	63
11/09/2023 18:40	4.0	270	5	4.8	0.0	27.4	63
11/09/2023 18:50	3.4	267	5	4.2	0.0	27.2	63
11/09/2023 19:00	4.0	267	5	4.8	0.0	27.0	62
11/09/2023 19:10	3.6	276	5	4.7	0.0	26.9	63
11/09/2023 19:20	4.4	278	4	5.8	0.0	26.9	58
11/09/2023 19:30	4.7	277	5	5.9	0.0	27.1	57
11/09/2023 19:40	4.3	280	5	5.4	0.0	27.0	57
11/09/2023 19:50	3.3	277	7	4.5	0.0	26.9	58
11/09/2023 20:00	3.3	265	6	4.4	0.0	26.8	58
11/09/2023 20:10	3.4	270	7	4.4	0.0	26.8	57
11/09/2023 20:20	2.3	295	11	3.5	0.0	26.8	57
11/09/2023 20:30	0.9	173	40	1.6	0.0	26.6	57
11/09/2023 20:40	0.4	303	35	0.6	0.0	26.4	58
11/09/2023 20:50	0.6	279	34	1.4	0.0	26.3	59
11/09/2023 21:00	1.6	279	9	2.4	0.0	26.3	56
11/09/2023 21:10	2.2	276	9	3.1	0.0	26.6	54
11/09/2023 21:20	3.0	267	5	4.1	0.0	26.5	54
11/09/2023 21:30	2.7	268	4	3.2	0.0	26.2	56
11/09/2023 21:40	2.3	272	7	3.1	0.0	26.1	56
11/09/2023 21:50	2.7	270	6	3.2	0.0	26.2	56
11/09/2023 22:00	2.6	278	6	3.3	0.0	26.0	57
11/09/2023 22:10	3.3	281	4	3.8	0.0	26.2	57
11/09/2023 22:20	3.4	280	4	4.3	0.0	26.0	58
11/09/2023 22:30	3.5	276	5	4.1	0.0	26.1	56
11/09/2023 22:40	3.5	268	3	4.6	0.0	25.9	57
11/09/2023 22:50	3.4	268	4	4.2	0.0	25.8	58
11/09/2023 23:00	3.3	268	4	4.0	0.0	25.7	59
11/09/2023 23:10	3.2	265	4	4.3	0.0	25.6	60
11/09/2023 23:20	2.9	263	6	3.9	0.0	25.4	60
11/09/2023 23:30	2.6	264	3	3.1	0.0	25.6	59
11/09/2023 23:40	3.7	271	3	4.4	0.0	25.8	55
11/09/2023 23:50	3.8	273	4	5.2	0.0	26.1	52
12/09/2023 00:00	3.8	270	5	5.4	0.0	26.2	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/09/2023 00:10	3.7	267	4	4.9	0.0	26.5	47
12/09/2023 00:20	4.2	275	4	5.6	0.0	26.5	47
12/09/2023 00:30	3.6	268	6	4.6	0.0	26.5	48
12/09/2023 00:40	4.0	273	4	5.2	0.0	26.4	50
12/09/2023 00:50	3.7	271	4	4.8	0.0	26.1	51
12/09/2023 01:00	3.9	271	6	5.0	0.0	26.2	50
12/09/2023 01:10	3.7	265	6	4.7	0.0	26.3	47
12/09/2023 01:20	4.4	270	4	5.3	0.0	26.2	47
12/09/2023 01:30	4.0	260	9	5.5	0.0	26.4	45
12/09/2023 01:40	4.6	267	6	6.1	0.0	26.4	45
12/09/2023 01:50	5.0	263	6	6.4	0.0	26.6	45
12/09/2023 02:00	4.4	264	5	5.4	0.0	26.4	46
12/09/2023 02:10	2.5	260	13	4.1	0.0	26.2	47
12/09/2023 02:20	3.1	240	20	6.1	0.0	26.6	46
12/09/2023 02:30	3.6	223	15	5.3	0.0	27.0	47
12/09/2023 02:40	4.3	222	14	7.1	0.0	27.1	47
12/09/2023 02:50	3.1	229	16	5.6	0.0	26.8	47
12/09/2023 03:00	4.5	218	12	6.6	0.0	27.2	45
12/09/2023 03:10	5.3	216	7	7.5	0.0	27.3	44
12/09/2023 03:20	5.3	215	8	7.7	0.0	27.3	44
12/09/2023 03:30	4.6	215	9	6.7	0.0	27.1	44
12/09/2023 03:40	5.2	216	9	7.6	0.0	27.1	45
12/09/2023 03:50	4.9	217	9	6.5	0.0	27.2	45
12/09/2023 04:00	5.4	215	8	7.5	0.0	27.2	45
12/09/2023 04:10	5.6	215	10	8.0	0.0	27.4	44
12/09/2023 04:20	5.5	215	8	8.3	0.0	27.4	44
12/09/2023 04:30	5.3	217	9	7.9	0.0	27.6	45
12/09/2023 04:40	5.0	218	9	7.1	0.0	27.5	45
12/09/2023 04:50	4.7	216	10	6.7	0.0	27.4	44
12/09/2023 05:00	3.7	209	11	5.5	0.0	27.0	45
12/09/2023 05:10	4.0	218	9	6.1	0.0	27.1	44
12/09/2023 05:20	3.2	212	12	4.5	0.0	27.0	45
12/09/2023 05:30	3.1	198	13	5.0	0.0	26.8	45
12/09/2023 05:40	3.3	187	13	5.6	0.0	26.8	45
12/09/2023 05:50	3.8	178	11	6.4	0.0	26.8	46
12/09/2023 06:00	3.5	180	11	5.6	0.0	26.6	46
12/09/2023 06:10	2.9	186	13	4.6	0.0	26.7	45
12/09/2023 06:20	3.3	183	13	5.2	0.0	26.9	44
12/09/2023 06:30	3.4	182	11	6.1	0.0	26.9	44
12/09/2023 06:40	3.1	184	13	5.4	0.0	26.7	44
12/09/2023 06:50	3.0	174	18	5.2	0.0	26.9	45
12/09/2023 07:00	1.8	128	24	3.4	0.0	27.1	43
12/09/2023 07:10	1.4	142	28	3.5	0.0	27.4	42
12/09/2023 07:20	1.3	131	36	2.4	0.0	28.0	40
12/09/2023 07:30	1.0	128	43	2.2	0.0	28.7	39
12/09/2023 07:40	2.1	119	20	3.3	0.0	28.9	37
12/09/2023 07:50	2.3	133	20	4.1	0.0	28.9	38
12/09/2023 08:00	2.1	111	17	3.9	0.0	29.0	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/09/2023 08:10	2.0	103	15	3.0	0.0	29.0	37
12/09/2023 08:20	2.7	93	11	3.5	0.0	29.0	38
12/09/2023 08:30	2.6	94	11	3.4	0.0	28.9	38
12/09/2023 08:40	2.3	95	11	3.4	0.0	29.2	38
12/09/2023 08:50	2.2	97	14	3.4	0.0	29.8	37
12/09/2023 09:00	2.7	103	13	3.7	0.0	30.0	36
12/09/2023 09:10	2.4	104	14	3.9	0.0	30.0	36
12/09/2023 09:20	2.7	102	16	3.8	0.0	29.9	35
12/09/2023 09:30	2.9	105	14	4.3	0.0	30.5	34
12/09/2023 09:40	2.9	101	12	4.3	0.0	30.7	33
12/09/2023 09:50	3.1	87	14	4.4	0.0	30.9	33
12/09/2023 10:00	3.2	97	16	4.5	0.0	31.1	33
12/09/2023 10:10	3.8	76	12	5.0	0.0	31.3	33
12/09/2023 10:20	4.1	74	11	5.7	0.0	31.5	31
12/09/2023 10:30	4.0	71	10	5.4	0.0	31.9	30
12/09/2023 10:40	4.3	71	15	6.3	0.0	32.3	28
12/09/2023 10:50	5.0	66	12	7.4	0.0	32.1	30
12/09/2023 11:00	5.6	72	10	8.4	0.0	32.0	29
12/09/2023 11:10	6.6	69	11	9.1	0.0	32.1	27
12/09/2023 11:20	7.0	76	9	9.4	0.0	32.0	28
12/09/2023 11:30	7.1	76	9	9.8	0.0	31.9	28
12/09/2023 11:40	6.7	84	8	9.8	0.0	32.0	27
12/09/2023 11:50	7.0	83	10	10.2	0.0	32.1	25
12/09/2023 12:00	7.1	83	8	9.4	0.0	32.2	24
12/09/2023 12:10	6.8	80	8	9.6	0.0	32.0	24
12/09/2023 12:20	6.7	77	9	9.7	0.0	31.9	24
12/09/2023 12:30	5.8	76	10	8.0	0.0	32.3	23
12/09/2023 12:40	6.3	77	8	9.3	0.0	32.3	23
12/09/2023 12:50	6.8	85	9	9.3	0.0	32.0	22
12/09/2023 13:00	6.8	88	8	9.0	0.0	31.9	24
12/09/2023 13:10	5.7	76	13	8.2	0.0	32.1	26
12/09/2023 13:20	6.2	67	10	8.8	0.0	31.8	28
12/09/2023 13:30	5.9	65	9	8.1	0.0	31.5	30
12/09/2023 13:40	6.7	65	8	8.9	0.0	31.1	31
12/09/2023 13:50	6.7	70	8	8.9	0.0	30.5	34
12/09/2023 14:00	6.1	66	10	8.1	0.0	30.9	35
12/09/2023 14:10	6.3	60	7	8.7	0.0	30.8	36
12/09/2023 14:20	6.1	64	9	8.0	0.0	30.9	35
12/09/2023 14:30	5.9	53	9	7.7	0.0	31.3	34
12/09/2023 14:40	5.7	50	8	8.4	0.0	31.4	34
12/09/2023 14:50	6.1	51	7	7.7	0.0	31.0	33
12/09/2023 15:00	5.9	61	10	7.5	0.0	31.0	33
12/09/2023 15:10	5.8	71	8	8.1	0.0	30.9	33
12/09/2023 15:20	5.9	74	8	8.0	0.0	31.0	34
12/09/2023 15:30	5.8	70	7	7.8	0.0	31.0	34
12/09/2023 15:40	6.1	70	8	7.6	0.0	30.8	34
12/09/2023 15:50	5.4	60	9	7.4	0.0	30.7	36
12/09/2023 16:00	4.9	59	7	6.3	0.0	30.2	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/09/2023 16:10	5.1	57	7	6.5	0.0	30.1	41
12/09/2023 16:20	4.7	57	7	5.7	0.0	30.0	43
12/09/2023 16:30	4.6	61	7	5.8	0.0	29.9	44
12/09/2023 16:40	4.1	61	10	5.6	0.0	29.8	45
12/09/2023 16:50	4.2	69	7	5.7	0.0	29.4	47
12/09/2023 17:00	3.8	56	7	5.2	0.0	29.1	49
12/09/2023 17:10	4.2	63	9	5.5	0.0	28.7	51
12/09/2023 17:20	3.8	65	7	5.3	0.0	28.2	55
12/09/2023 17:30	3.0	61	8	3.9	0.0	28.1	57
12/09/2023 17:40	2.2	56	10	3.5	0.0	27.7	58
12/09/2023 17:50	2.1	60	12	3.0	0.0	27.6	58
12/09/2023 18:00	1.4	52	13	2.2	0.0	27.2	60
12/09/2023 18:10	0.6	199	33	1.2	0.0	26.9	60
12/09/2023 18:20	1.4	280	28	2.2	0.0	27.0	59
12/09/2023 18:30	0.8	262	32	1.7	0.0	27.4	58
12/09/2023 18:40	2.5	274	21	4.0	0.0	27.2	61
12/09/2023 18:50	3.0	278	10	4.9	0.0	26.5	67
12/09/2023 19:00	4.7	309	10	6.7	0.0	26.6	66
12/09/2023 19:10	6.3	323	5	8.3	0.0	26.5	65
12/09/2023 19:20	5.1	314	8	7.7	0.0	26.6	65
12/09/2023 19:30	5.9	306	7	7.7	0.0	26.5	64
12/09/2023 19:40	5.7	278	6	7.0	0.0	26.0	68
12/09/2023 19:50	4.9	269	4	6.3	0.0	25.7	68
12/09/2023 20:00	4.5	270	4	6.1	0.0	25.5	67
12/09/2023 20:10	4.2	271	5	5.6	0.0	25.4	67
12/09/2023 20:20	4.3	272	5	5.8	0.0	25.5	67
12/09/2023 20:30	4.4	268	5	5.7	0.0	25.5	66
12/09/2023 20:40	3.6	266	5	5.0	0.0	25.5	66
12/09/2023 20:50	3.8	269	3	4.7	0.0	25.6	65
12/09/2023 21:00	3.6	266	4	4.4	0.0	25.5	64
12/09/2023 21:10	4.0	266	4	5.1	0.0	25.6	62
12/09/2023 21:20	3.9	268	4	5.2	0.0	25.7	62
12/09/2023 21:30	4.0	268	4	5.0	0.0	25.4	63
12/09/2023 21:40	4.2	262	6	5.5	0.0	25.4	65
12/09/2023 21:50	4.1	254	8	5.2	0.0	25.3	66
12/09/2023 22:00	4.3	258	6	5.8	0.0	25.1	66
12/09/2023 22:10	3.7	264	5	5.1	0.0	25.2	65
12/09/2023 22:20	3.8	263	5	5.2	0.0	25.2	64
12/09/2023 22:30	3.8	266	5	5.0	0.0	25.1	63
12/09/2023 22:40	4.1	273	4	5.4	0.0	25.0	63
12/09/2023 22:50	4.6	266	5	6.3	0.0	25.1	62
12/09/2023 23:00	4.8	268	5	6.3	0.0	25.1	62
12/09/2023 23:10	4.6	263	6	5.7	0.0	25.1	62
12/09/2023 23:20	4.8	271	5	6.0	0.0	24.7	63
12/09/2023 23:30	4.6	266	6	5.9	0.0	24.9	63
12/09/2023 23:40	3.9	253	7	5.3	0.0	24.8	63
12/09/2023 23:50	4.3	271	5	5.3	0.0	24.6	64
13/09/2023 00:00	3.3	262	9	4.5	0.0	24.5	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/09/2023 00:10	4.2	259	7	5.6	0.0	24.5	64
13/09/2023 00:20	4.5	269	6	5.8	0.0	24.2	66
13/09/2023 00:30	2.5	255	10	4.2	0.0	24.3	66
13/09/2023 00:40	4.8	264	4	5.7	0.0	24.2	66
13/09/2023 00:50	3.6	278	8	4.5	0.0	23.9	67
13/09/2023 01:00	4.2	269	5	5.4	0.0	24.1	65
13/09/2023 01:10	4.6	271	5	5.3	0.0	24.1	64
13/09/2023 01:20	3.4	273	6	4.4	0.0	24.1	65
13/09/2023 01:30	3.8	263	7	5.1	0.0	24.1	64
13/09/2023 01:40	3.4	274	5	4.2	0.0	23.9	64
13/09/2023 01:50	3.6	255	7	4.7	0.0	24.4	60
13/09/2023 02:00	4.0	260	7	5.0	0.0	24.5	59
13/09/2023 02:10	2.4	253	10	3.5	0.0	24.2	60
13/09/2023 02:20	3.1	271	7	4.4	0.0	23.9	62
13/09/2023 02:30	1.3	275	39	2.3	0.0	23.7	64
13/09/2023 02:40	2.2	267	15	3.3	0.0	23.6	64
13/09/2023 02:50	1.4	47	51	3.4	0.0	23.3	65
13/09/2023 03:00	1.6	258	28	2.7	0.0	23.6	63
13/09/2023 03:10	2.1	258	13	3.4	0.0	24.1	61
13/09/2023 03:20	3.6	280	7	4.7	0.0	23.8	62
13/09/2023 03:30	2.8	268	7	3.8	0.0	23.6	62
13/09/2023 03:40	1.2	277	30	1.9	0.0	23.3	65
13/09/2023 03:50	1.7	257	13	2.6	0.0	23.4	65
13/09/2023 04:00	1.7	245	19	2.8	0.0	23.8	63
13/09/2023 04:10	2.9	259	8	3.5	0.0	23.4	66
13/09/2023 04:20	2.4	268	4	3.0	0.0	22.0	70
13/09/2023 04:30	1.5	289	10	2.2	0.0	22.0	70
13/09/2023 04:40	3.2	271	5	4.0	0.0	22.2	69
13/09/2023 04:50	2.2	267	7	3.0	0.0	22.1	70
13/09/2023 05:00	2.1	297	14	3.0	0.0	22.4	69
13/09/2023 05:10	3.9	276	4	4.8	0.0	22.7	68
13/09/2023 05:20	1.4	286	12	2.7	0.0	22.4	69
13/09/2023 05:30	3.1	281	6	3.7	0.0	23.0	66
13/09/2023 05:40	1.8	265	47	3.0	0.0	22.8	66
13/09/2023 05:50	2.0	149	33	3.5	0.0	22.2	67
13/09/2023 06:00	3.5	277	5	4.7	0.0	22.5	67
13/09/2023 06:10	2.1	285	9	3.0	0.0	22.5	67
13/09/2023 06:20	2.5	266	8	3.4	0.0	22.6	66
13/09/2023 06:30	1.7	258	19	2.9	0.0	23.2	63
13/09/2023 06:40	2.7	249	16	4.3	0.0	23.8	60
13/09/2023 06:50	1.5	112	60	2.7	0.0	24.1	58
13/09/2023 07:00	2.3	230	26	3.6	0.0	24.9	54
13/09/2023 07:10	1.7	153	27	2.9	0.0	25.9	51
13/09/2023 07:20	1.6	128	48	3.3	0.0	26.0	50
13/09/2023 07:30	1.5	60	19	3.5	0.0	25.9	54
13/09/2023 07:40	2.7	93	8	3.6	0.0	25.7	62
13/09/2023 07:50	2.4	96	10	3.6	0.0	25.9	57
13/09/2023 08:00	4.8	82	8	6.8	0.0	26.1	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/09/2023 08:10	3.0	70	9	4.6	0.0	25.7	62
13/09/2023 08:20	2.8	75	13	4.1	0.0	26.6	54
13/09/2023 08:30	3.7	70	9	5.1	0.0	27.0	54
13/09/2023 08:40	2.4	86	13	3.3	0.0	27.5	53
13/09/2023 08:50	2.8	81	16	4.4	0.0	28.0	50
13/09/2023 09:00	2.3	97	14	3.3	0.0	28.7	47
13/09/2023 09:10	2.2	93	38	3.5	0.0	28.5	45
13/09/2023 09:20	1.5	174	25	2.7	0.0	29.2	42
13/09/2023 09:30	1.7	85	19	3.3	0.0	30.1	39
13/09/2023 09:40	1.1	80	33	2.0	0.0	30.4	37
13/09/2023 09:50	1.3	194	56	2.9	0.0	30.7	37
13/09/2023 10:00	2.5	254	22	3.9	0.0	29.9	49
13/09/2023 10:10	1.6	260	38	3.2	0.0	30.0	47
13/09/2023 10:20	2.7	256	16	4.1	0.0	30.2	46
13/09/2023 10:30	4.0	275	13	5.5	0.0	29.9	49
13/09/2023 10:40	3.7	292	11	4.9	0.0	29.1	51
13/09/2023 10:50	2.5	291	14	3.9	0.0	29.6	48
13/09/2023 11:00	2.1	64	34	3.9	0.0	30.8	45
13/09/2023 11:10	3.2	76	17	4.8	0.0	31.0	44
13/09/2023 11:20	2.2	71	32	3.4	0.0	30.8	46
13/09/2023 11:30	3.3	75	23	6.2	0.0	31.5	43
13/09/2023 11:40	2.1	87	21	4.0	0.0	32.5	37
13/09/2023 11:50	2.1	205	41	3.5	0.0	32.4	38
13/09/2023 12:00	2.2	324	48	4.2	0.0	32.6	43
13/09/2023 12:10	2.7	315	18	5.9	0.0	31.7	48
13/09/2023 12:20	2.5	307	19	4.1	0.0	31.8	47
13/09/2023 12:30	2.9	315	21	4.9	0.0	31.8	44
13/09/2023 12:40	3.5	301	17	5.0	0.0	31.7	42
13/09/2023 12:50	3.6	290	17	5.3	0.0	31.9	40
13/09/2023 13:00	3.7	312	15	5.4	0.0	31.8	41
13/09/2023 13:10	3.7	318	13	5.2	0.0	31.7	44
13/09/2023 13:20	4.2	327	10	5.8	0.0	31.5	48
13/09/2023 13:30	5.0	306	11	6.8	0.0	31.3	48
13/09/2023 13:40	6.3	278	8	8.9	0.0	30.2	54
13/09/2023 13:50	7.1	265	6	9.0	0.0	29.3	56
13/09/2023 14:00	7.7	269	6	9.5	0.0	29.1	56
13/09/2023 14:10	7.4	268	7	9.3	0.0	28.9	59
13/09/2023 14:20	8.5	266	8	10.6	0.0	28.3	58
13/09/2023 14:30	8.0	268	7	10.2	0.0	28.4	56
13/09/2023 14:40	7.7	273	6	9.7	0.0	28.4	54
13/09/2023 14:50	8.1	274	7	10.5	0.0	28.2	55
13/09/2023 15:00	8.2	273	7	10.5	0.0	28.1	54
13/09/2023 15:10	8.0	277	7	10.8	0.0	28.0	55
13/09/2023 15:20	8.4	272	6	10.9	0.0	27.9	52
13/09/2023 15:30	8.1	271	7	10.9	0.0	28.2	51
13/09/2023 15:40	8.0	273	6	10.0	0.0	28.4	49
13/09/2023 15:50	7.7	272	7	10.6	0.0	28.4	49
13/09/2023 16:00	7.1	268	7	9.4	0.0	28.6	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/09/2023 16:10	6.8	268	8	9.3	0.0	28.5	49
13/09/2023 16:20	6.6	268	8	8.9	0.0	28.4	50
13/09/2023 16:30	7.1	269	7	9.4	0.0	28.2	49
13/09/2023 16:40	7.8	264	5	10.1	0.0	27.9	49
13/09/2023 16:50	7.9	262	8	11.1	0.0	27.4	51
13/09/2023 17:00	8.5	263	7	11.1	0.0	26.8	57
13/09/2023 17:10	7.8	266	6	10.2	0.0	26.5	61
13/09/2023 17:20	7.1	271	6	9.1	0.0	26.3	64
13/09/2023 17:30	6.6	272	6	8.6	0.0	26.2	65
13/09/2023 17:40	7.2	264	6	9.7	0.0	25.9	66
13/09/2023 17:50	8.1	267	6	10.9	0.0	25.5	67
13/09/2023 18:00	7.9	265	5	10.0	0.0	25.2	68
13/09/2023 18:10	7.8	267	6	10.1	0.0	25.0	69
13/09/2023 18:20	7.8	267	5	9.8	0.0	24.9	69
13/09/2023 18:30	7.5	269	6	9.9	0.0	24.8	70
13/09/2023 18:40	7.5	268	6	10.1	0.0	24.8	70
13/09/2023 18:50	7.4	267	6	9.9	0.0	24.7	69
13/09/2023 19:00	8.1	263	6	10.0	0.0	24.6	69
13/09/2023 19:10	7.8	266	6	10.8	0.0	24.5	68
13/09/2023 19:20	8.4	267	5	11.0	0.0	24.5	67
13/09/2023 19:30	7.4	267	5	9.7	0.0	24.4	66
13/09/2023 19:40	7.9	263	6	11.0	0.0	24.4	66
13/09/2023 19:50	8.7	263	6	11.0	0.0	24.3	66
13/09/2023 20:00	7.4	266	6	9.2	0.0	24.4	65
13/09/2023 20:10	8.3	263	6	11.0	0.0	24.3	65
13/09/2023 20:20	8.7	265	6	11.1	0.0	24.3	66
13/09/2023 20:30	7.2	261	6	10.1	0.0	24.3	65
13/09/2023 20:40	7.8	259	6	10.9	0.0	24.2	66
13/09/2023 20:50	6.9	259	5	8.8	0.0	24.2	67
13/09/2023 21:00	7.0	261	6	8.9	0.0	24.2	67
13/09/2023 21:10	5.7	258	5	7.6	0.0	24.0	67
13/09/2023 21:20	7.3	267	5	9.8	0.0	24.0	67
13/09/2023 21:30	7.5	262	5	10.0	0.0	24.0	67
13/09/2023 21:40	7.1	265	6	9.5	0.0	24.0	67
13/09/2023 21:50	7.7	267	5	10.1	0.0	24.0	67
13/09/2023 22:00	6.9	265	5	9.9	0.0	24.0	67
13/09/2023 22:10	7.1	263	5	8.9	0.0	23.9	67
13/09/2023 22:20	6.4	259	6	8.5	0.0	23.8	67
13/09/2023 22:30	6.7	261	6	9.2	0.0	23.8	67
13/09/2023 22:40	6.5	259	6	8.4	0.0	23.8	67
13/09/2023 22:50	6.4	256	5	8.2	0.0	23.6	67
13/09/2023 23:00	6.2	262	7	8.1	0.0	23.7	66
13/09/2023 23:10	5.9	261	6	7.8	0.0	23.7	64
13/09/2023 23:20	7.0	259	6	9.2	0.0	23.5	63
13/09/2023 23:30	6.4	259	7	9.0	0.0	23.4	63
13/09/2023 23:40	6.5	257	7	8.4	0.0	23.3	64
13/09/2023 23:50	5.7	259	6	8.0	0.0	23.2	65
14/09/2023 00:00	6.2	257	5	8.0	0.0	23.2	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/09/2023 00:10	6.6	258	6	8.0	0.0	23.2	66
14/09/2023 00:20	6.9	255	6	8.3	0.0	23.1	67
14/09/2023 00:30	7.6	256	5	9.7	0.0	23.0	67
14/09/2023 00:40	7.5	257	7	10.0	0.0	23.0	68
14/09/2023 00:50	7.3	255	6	9.5	0.0	22.9	68
14/09/2023 01:00	6.6	254	6	9.1	0.0	22.8	68
14/09/2023 01:10	6.4	255	6	8.9	0.0	22.7	68
14/09/2023 01:20	6.7	258	5	8.2	0.0	22.5	68
14/09/2023 01:30	6.7	258	6	8.9	0.0	22.5	68
14/09/2023 01:40	6.1	256	7	7.9	0.0	22.4	68
14/09/2023 01:50	5.7	257	7	7.4	0.0	22.2	68
14/09/2023 02:00	5.9	260	5	7.4	0.0	22.1	68
14/09/2023 02:10	5.7	257	6	7.3	0.0	22.0	68
14/09/2023 02:20	5.3	254	7	7.3	0.0	21.9	68
14/09/2023 02:30	5.7	258	6	7.0	0.0	21.7	67
14/09/2023 02:40	6.3	262	5	7.8	0.0	21.6	67
14/09/2023 02:50	6.1	261	7	8.5	0.0	21.5	67
14/09/2023 03:00	5.6	264	6	7.3	0.0	21.4	67
14/09/2023 03:10	5.0	265	6	6.7	0.0	21.2	67
14/09/2023 03:20	4.6	263	6	6.4	0.0	21.1	67
14/09/2023 03:30	4.9	263	6	6.2	0.0	21.0	67
14/09/2023 03:40	5.3	260	5	7.0	0.0	20.8	67
14/09/2023 03:50	5.5	258	6	7.1	0.0	20.8	67
14/09/2023 04:00	5.5	258	7	6.9	0.0	20.8	66
14/09/2023 04:10	5.0	256	8	7.3	0.0	20.8	66
14/09/2023 04:20	4.6	250	12	6.6	0.0	21.1	65
14/09/2023 04:30	4.9	247	11	7.2	0.0	21.3	65
14/09/2023 04:40	4.8	247	12	7.3	0.0	21.3	65
14/09/2023 04:50	5.2	251	12	7.2	0.0	21.3	65
14/09/2023 05:00	4.7	254	10	6.5	0.0	21.1	66
14/09/2023 05:10	4.5	254	10	6.4	0.0	21.1	66
14/09/2023 05:20	4.5	262	6	5.9	0.0	20.9	67
14/09/2023 05:30	4.5	261	8	5.8	0.0	20.9	67
14/09/2023 05:40	4.5	263	7	5.8	0.0	20.8	67
14/09/2023 05:50	4.2	267	6	5.4	0.0	20.8	67
14/09/2023 06:00	3.2	269	6	4.5	0.0	20.7	68
14/09/2023 06:10	1.7	249	22	2.9	0.0	20.6	68
14/09/2023 06:20	2.5	258	15	3.9	0.0	20.7	68
14/09/2023 06:30	3.2	268	8	4.7	0.0	20.7	68
14/09/2023 06:40	3.1	265	6	3.9	0.0	20.7	68
14/09/2023 06:50	3.5	260	8	4.6	0.0	20.8	68
14/09/2023 07:00	2.5	241	16	4.0	0.0	21.2	67
14/09/2023 07:10	1.8	215	17	3.1	0.0	21.5	66
14/09/2023 07:20	2.6	234	17	4.1	0.0	21.7	65
14/09/2023 07:30	2.9	250	14	4.1	0.0	21.9	65
14/09/2023 07:40	1.7	208	28	3.1	0.0	22.2	63
14/09/2023 07:50	2.7	216	18	4.4	0.0	22.5	61
14/09/2023 08:00	2.9	227	16	4.4	0.0	22.8	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/09/2023 08:10	2.3	201	13	3.5	0.0	22.9	59
14/09/2023 08:20	2.3	196	16	3.6	0.0	23.2	57
14/09/2023 08:30	2.4	189	15	3.6	0.0	23.4	56
14/09/2023 08:40	2.3	197	11	3.5	0.0	23.6	56
14/09/2023 08:50	2.5	194	14	3.6	0.0	24.0	54
14/09/2023 09:00	2.4	180	11	3.4	0.0	24.2	54
14/09/2023 09:10	2.7	193	15	3.9	0.0	24.5	53
14/09/2023 09:20	2.4	189	13	3.3	0.0	24.8	52
14/09/2023 09:30	1.7	193	15	3.2	0.0	25.3	50
14/09/2023 09:40	1.7	192	18	3.1	0.0	25.7	49
14/09/2023 09:50	1.8	184	22	3.3	0.0	26.3	48
14/09/2023 10:00	1.9	151	19	3.4	0.0	26.9	45
14/09/2023 10:10	2.1	139	20	3.2	0.0	27.3	45
14/09/2023 10:20	2.3	95	15	3.3	0.0	27.6	45
14/09/2023 10:30	1.8	88	21	2.9	0.0	28.3	42
14/09/2023 10:40	1.2	223	70	2.6	0.0	28.5	42
14/09/2023 10:50	3.0	175	21	4.3	0.0	28.5	45
14/09/2023 11:00	3.2	326	9	4.6	0.0	27.8	47
14/09/2023 11:10	3.4	323	14	4.6	0.0	27.5	47
14/09/2023 11:20	2.5	306	16	4.3	0.0	27.7	46
14/09/2023 11:30	2.7	281	14	4.3	0.0	28.3	44
14/09/2023 11:40	2.7	317	18	4.5	0.0	28.3	45
14/09/2023 11:50	2.7	330	15	4.3	0.0	28.3	44
14/09/2023 12:00	3.5	326	13	4.7	0.0	28.7	45
14/09/2023 12:10	3.5	332	12	4.7	0.0	28.3	46
14/09/2023 12:20	3.7	335	9	4.9	0.0	28.1	47
14/09/2023 12:30	3.6	333	17	5.4	0.0	28.2	49
14/09/2023 12:40	3.8	331	9	5.4	0.0	28.2	48
14/09/2023 12:50	4.2	327	10	5.8	0.0	28.0	48
14/09/2023 13:00	4.4	330	10	6.0	0.0	28.0	46
14/09/2023 13:10	4.5	326	8	6.0	0.0	28.1	44
14/09/2023 13:20	4.9	325	7	6.0	0.0	27.7	47
14/09/2023 13:30	4.9	332	12	7.0	0.0	27.7	52
14/09/2023 13:40	5.0	329	13	6.6	0.0	27.8	52
14/09/2023 13:50	5.7	322	7	7.6	0.0	27.2	53
14/09/2023 14:00	5.6	322	8	7.1	0.0	27.1	54
14/09/2023 14:10	5.7	328	9	7.3	0.0	27.2	54
14/09/2023 14:20	5.9	329	8	7.3	0.0	27.2	55
14/09/2023 14:30	5.7	328	8	7.5	0.0	26.9	57
14/09/2023 14:40	5.1	325	14	7.0	0.0	27.2	58
14/09/2023 14:50	5.5	319	16	7.7	0.0	27.2	58
14/09/2023 15:00	5.8	318	12	8.0	0.0	27.0	58
14/09/2023 15:10	5.8	310	13	8.0	0.0	27.0	58
14/09/2023 15:20	6.0	309	9	7.8	0.0	26.7	59
14/09/2023 15:30	5.5	312	11	7.6	0.0	26.8	59
14/09/2023 15:40	6.0	311	10	7.9	0.0	26.6	59
14/09/2023 15:50	6.5	311	6	8.4	0.0	26.3	60
14/09/2023 16:00	5.9	312	10	7.8	0.0	26.2	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/09/2023 16:10	5.0	306	12	7.0	0.0	26.3	62
14/09/2023 16:20	5.7	311	9	7.4	0.0	25.9	63
14/09/2023 16:30	5.9	306	11	8.0	0.0	25.7	63
14/09/2023 16:40	6.0	299	9	8.3	0.0	25.5	63
14/09/2023 16:50	5.2	303	13	7.6	0.0	25.8	63
14/09/2023 17:00	5.2	299	12	7.5	0.0	25.8	62
14/09/2023 17:10	6.0	290	7	8.2	0.0	25.5	62
14/09/2023 17:20	5.6	293	7	7.2	0.0	25.5	58
14/09/2023 17:30	5.6	291	6	7.2	0.0	25.5	59
14/09/2023 17:40	5.6	292	6	6.9	0.0	25.2	60
14/09/2023 17:50	5.4	293	6	7.2	0.0	25.0	62
14/09/2023 18:00	4.9	295	7	6.9	0.0	24.8	65
14/09/2023 18:10	5.4	292	7	6.7	0.0	24.7	65
14/09/2023 18:20	5.1	292	6	6.7	0.0	24.6	65
14/09/2023 18:30	5.4	293	6	6.9	0.0	24.6	63
14/09/2023 18:40	5.2	291	6	6.6	0.0	24.4	66
14/09/2023 18:50	5.5	273	7	7.6	0.0	24.3	69
14/09/2023 19:00	5.9	271	7	7.8	0.0	24.1	69
14/09/2023 19:10	6.2	272	5	8.1	0.0	24.0	69
14/09/2023 19:20	5.7	274	7	7.6	0.0	23.9	69
14/09/2023 19:30	5.9	275	6	8.0	0.0	23.8	70
14/09/2023 19:40	5.9	276	5	7.8	0.0	23.7	69
14/09/2023 19:50	5.5	278	6	7.2	0.0	23.7	70
14/09/2023 20:00	6.0	277	5	7.6	0.0	23.6	70
14/09/2023 20:10	5.8	275	7	7.4	0.0	23.6	70
14/09/2023 20:20	5.8	275	6	7.5	0.0	23.6	69
14/09/2023 20:30	5.9	273	6	8.0	0.0	23.7	70
14/09/2023 20:40	5.7	271	6	7.7	0.0	23.6	70
14/09/2023 20:50	5.8	270	6	7.6	0.0	23.6	70
14/09/2023 21:00	6.2	264	6	8.6	0.0	23.6	70
14/09/2023 21:10	6.1	267	6	7.9	0.0	23.6	70
14/09/2023 21:20	6.0	261	6	8.0	0.0	23.5	69
14/09/2023 21:30	6.3	257	5	8.0	0.0	23.3	68
14/09/2023 21:40	6.8	259	5	8.4	0.0	23.1	65
14/09/2023 21:50	6.4	259	6	8.1	0.0	23.0	64
14/09/2023 22:00	6.8	259	6	8.7	0.0	23.0	64
14/09/2023 22:10	6.9	260	5	8.7	0.0	23.0	64
14/09/2023 22:20	6.0	261	5	7.7	0.0	22.9	64
14/09/2023 22:30	6.4	261	5	8.2	0.0	22.9	64
14/09/2023 22:40	5.6	258	5	7.4	0.0	22.8	64
14/09/2023 22:50	5.7	255	5	6.7	0.0	22.5	64
14/09/2023 23:00	5.4	255	5	6.8	0.0	22.4	63
14/09/2023 23:10	5.3	256	5	6.8	0.0	22.3	63
14/09/2023 23:20	5.0	260	5	5.8	0.0	22.3	63
14/09/2023 23:30	5.3	261	5	7.0	0.0	22.4	64
14/09/2023 23:40	5.3	259	4	6.7	0.0	22.4	64
14/09/2023 23:50	5.6	260	5	7.0	0.0	22.5	65
15/09/2023 00:00	5.7	258	5	6.9	0.0	22.5	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/09/2023 00:10	5.5	259	5	6.8	0.0	22.5	65
15/09/2023 00:20	5.5	258	5	7.4	0.0	22.4	65
15/09/2023 00:30	5.5	257	5	6.9	0.0	22.2	64
15/09/2023 00:40	5.7	255	5	7.2	0.0	22.2	63
15/09/2023 00:50	5.7	256	5	7.5	0.0	22.1	62
15/09/2023 01:00	5.3	258	5	7.1	0.0	22.0	61
15/09/2023 01:10	5.4	258	5	6.4	0.0	22.0	61
15/09/2023 01:20	5.5	260	5	6.9	0.0	21.9	60
15/09/2023 01:30	5.3	259	4	6.3	0.0	21.9	59
15/09/2023 01:40	5.3	260	5	6.3	0.0	21.9	58
15/09/2023 01:50	5.1	257	5	6.2	0.0	21.9	58
15/09/2023 02:00	5.0	258	4	5.8	0.0	21.8	57
15/09/2023 02:10	5.1	258	4	6.0	0.0	21.7	57
15/09/2023 02:20	5.1	260	3	5.8	0.0	21.6	57
15/09/2023 02:30	4.8	260	3	5.5	0.0	21.6	57
15/09/2023 02:40	4.9	260	3	6.1	0.0	21.6	58
15/09/2023 02:50	5.1	260	4	6.2	0.0	21.5	60
15/09/2023 03:00	4.6	261	3	5.7	0.0	21.4	60
15/09/2023 03:10	4.6	260	4	5.3	0.0	21.3	60
15/09/2023 03:20	4.4	262	3	5.3	0.0	21.1	61
15/09/2023 03:30	4.6	262	4	5.5	0.0	21.2	61
15/09/2023 03:40	4.7	262	3	5.6	0.0	21.2	62
15/09/2023 03:50	4.4	262	3	5.3	0.0	21.1	63
15/09/2023 04:00	4.4	263	4	5.7	0.0	21.1	63
15/09/2023 04:10	4.2	264	3	5.1	0.0	21.0	64
15/09/2023 04:20	3.8	264	4	4.7	0.0	20.9	64
15/09/2023 04:30	3.7	262	4	4.5	0.0	20.8	64
15/09/2023 04:40	3.9	261	3	4.5	0.0	20.5	64
15/09/2023 04:50	3.8	262	3	4.3	0.0	20.3	63
15/09/2023 05:00	3.2	263	5	4.0	0.0	20.2	63
15/09/2023 05:10	3.2	262	5	3.8	0.0	20.2	63
15/09/2023 05:20	3.7	260	3	4.3	0.0	20.2	64
15/09/2023 05:30	4.1	260	3	4.5	0.0	20.1	64
15/09/2023 05:40	4.1	258	3	4.8	0.0	20.0	64
15/09/2023 05:50	3.2	261	5	4.0	0.0	19.9	64
15/09/2023 06:00	3.5	263	4	4.4	0.0	19.8	64
15/09/2023 06:10	3.6	263	4	4.6	0.0	19.8	64
15/09/2023 06:20	3.4	268	3	4.0	0.0	19.7	64
15/09/2023 06:30	2.9	268	4	3.4	0.0	19.6	64
15/09/2023 06:40	2.9	271	3	3.5	0.0	19.7	64
15/09/2023 06:50	3.0	262	4	3.3	0.0	19.9	64
15/09/2023 07:00	2.7	257	4	3.3	0.0	20.2	65
15/09/2023 07:10	2.4	256	6	2.9	0.0	20.4	65
15/09/2023 07:20	2.2	262	8	2.8	0.0	20.7	66
15/09/2023 07:30	2.2	259	6	2.9	0.0	21.1	66
15/09/2023 07:40	2.2	265	7	2.7	0.0	21.5	67
15/09/2023 07:50	2.0	266	5	2.4	0.0	21.9	67
15/09/2023 08:00	1.8	268	9	2.3	0.0	22.3	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/09/2023 08:10	1.6	275	11	2.4	0.0	22.8	66
15/09/2023 08:20	1.0	280	17	1.7	0.0	23.2	66
15/09/2023 08:30	0.6	140	54	1.1	0.0	24.0	65
15/09/2023 08:40	0.8	201	25	1.4	0.0	24.7	61
15/09/2023 08:50	1.0	140	45	1.7	0.0	26.1	57
15/09/2023 09:00	1.5	98	32	2.3	0.0	26.6	53
15/09/2023 09:10	2.0	89	14	3.2	0.0	26.5	52
15/09/2023 09:20	2.2	90	14	2.8	0.0	26.4	49
15/09/2023 09:30	1.9	120	20	2.6	0.0	27.1	46
15/09/2023 09:40	1.8	139	28	2.8	0.0	26.9	47
15/09/2023 09:50	1.7	130	19	2.5	0.0	27.6	46
15/09/2023 10:00	1.9	133	15	2.8	0.0	28.3	44
15/09/2023 10:10	1.7	114	23	2.8	0.0	29.0	42
15/09/2023 10:20	1.4	112	26	2.2	0.0	29.9	39
15/09/2023 10:30	2.3	93	30	4.6	0.0	30.3	34
15/09/2023 10:40	2.7	85	17	4.4	0.0	30.4	30
15/09/2023 10:50	2.7	91	21	4.0	0.0	30.6	34
15/09/2023 11:00	2.5	71	20	3.7	0.0	30.5	33
15/09/2023 11:10	3.0	53	10	4.1	0.0	30.4	31
15/09/2023 11:20	2.5	85	21	3.7	0.0	30.6	36
15/09/2023 11:30	2.1	111	21	3.5	0.0	31.0	36
15/09/2023 11:40	2.2	107	22	3.8	0.0	31.6	33
15/09/2023 11:50	2.1	95	36	4.8	0.0	31.7	31
15/09/2023 12:00	2.4	132	26	3.8	0.0	32.0	30
15/09/2023 12:10	3.0	142	10	3.9	0.0	31.9	31
15/09/2023 12:20	3.2	139	13	4.3	0.0	31.5	31
15/09/2023 12:30	2.5	139	13	3.7	0.0	32.1	30
15/09/2023 12:40	1.9	135	14	2.8	0.0	32.8	26
15/09/2023 12:50	2.5	133	10	4.0	0.0	33.6	26
15/09/2023 13:00	2.1	140	14	3.1	0.0	33.8	26
15/09/2023 13:10	2.4	227	29	3.9	0.0	33.6	28
15/09/2023 13:20	2.9	297	14	4.5	0.0	33.4	23
15/09/2023 13:30	3.3	317	23	4.8	0.0	33.7	24
15/09/2023 13:40	3.3	330	10	4.8	0.0	32.9	25
15/09/2023 13:50	3.5	331	8	4.5	0.0	32.7	22
15/09/2023 14:00	3.5	323	8	4.4	0.0	32.7	21
15/09/2023 14:10	3.1	321	7	4.3	0.0	32.8	20
15/09/2023 14:20	3.2	335	15	4.5	0.0	32.9	21
15/09/2023 14:30	3.4	327	9	5.1	0.0	32.8	22
15/09/2023 14:40	4.1	335	13	5.8	0.0	32.7	26
15/09/2023 14:50	4.4	351	13	6.4	0.0	31.5	39
15/09/2023 15:00	5.0	340	8	6.7	0.0	30.6	42
15/09/2023 15:10	5.3	345	10	6.6	0.0	30.1	52
15/09/2023 15:20	4.9	332	10	6.4	0.0	29.7	51
15/09/2023 15:30	5.0	327	12	6.7	0.0	29.5	50
15/09/2023 15:40	5.4	328	8	7.0	0.0	29.2	49
15/09/2023 15:50	5.0	325	8	6.7	0.0	29.0	51
15/09/2023 16:00	4.7	324	8	6.3	0.0	29.3	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/09/2023 16:10	4.6	324	6	6.2	0.0	29.3	45
15/09/2023 16:20	4.7	321	7	6.1	0.0	29.3	42
15/09/2023 16:30	4.5	314	8	6.0	0.0	29.6	40
15/09/2023 16:40	3.9	314	8	5.2	0.0	29.5	44
15/09/2023 16:50	4.3	317	5	5.2	0.0	29.2	45
15/09/2023 17:00	3.6	312	10	4.7	0.0	29.3	43
15/09/2023 17:10	3.8	294	7	4.8	0.0	29.4	38
15/09/2023 17:20	4.2	295	7	5.3	0.0	29.1	40
15/09/2023 17:30	3.9	293	6	5.0	0.0	28.7	43
15/09/2023 17:40	3.7	291	6	4.6	0.0	28.2	47
15/09/2023 17:50	3.6	277	9	4.6	0.0	27.9	51
15/09/2023 18:00	4.3	277	5	5.3	0.0	27.2	56
15/09/2023 18:10	3.4	276	6	4.2	0.0	26.9	56
15/09/2023 18:20	4.0	273	5	5.2	0.0	26.6	61
15/09/2023 18:30	3.9	274	6	4.9	0.0	26.2	64
15/09/2023 18:40	3.8	260	6	4.8	0.0	25.9	66
15/09/2023 18:50	3.7	260	5	4.7	0.0	25.7	65
15/09/2023 19:00	3.5	264	3	4.4	0.0	25.5	66
15/09/2023 19:10	3.9	264	4	4.8	0.0	25.2	66
15/09/2023 19:20	4.3	262	4	5.1	0.0	25.2	66
15/09/2023 19:30	3.9	267	3	5.0	0.0	25.2	66
15/09/2023 19:40	4.1	268	4	5.4	0.0	25.4	65
15/09/2023 19:50	4.4	268	4	5.9	0.0	25.6	62
15/09/2023 20:00	4.1	268	3	5.2	0.0	25.5	62
15/09/2023 20:10	3.9	270	4	5.0	0.0	25.4	62
15/09/2023 20:20	4.1	273	3	4.9	0.0	25.3	61
15/09/2023 20:30	4.1	269	3	5.2	0.0	25.3	58
15/09/2023 20:40	4.4	269	3	5.6	0.0	25.6	55
15/09/2023 20:50	4.2	269	3	4.9	0.0	25.5	55
15/09/2023 21:00	4.1	267	4	5.4	0.0	25.4	54
15/09/2023 21:10	4.3	270	3	5.2	0.0	25.1	52
15/09/2023 21:20	4.0	265	4	5.1	0.0	25.3	48
15/09/2023 21:30	4.0	270	3	4.7	0.0	25.3	48
15/09/2023 21:40	3.6	267	4	4.7	0.0	24.9	51
15/09/2023 21:50	4.5	271	3	5.5	0.0	25.0	51
15/09/2023 22:00	4.8	269	5	6.2	0.0	25.1	51
15/09/2023 22:10	4.9	264	5	6.6	0.0	25.2	50
15/09/2023 22:20	4.0	265	5	4.9	0.0	24.9	51
15/09/2023 22:30	3.8	262	5	4.9	0.0	24.6	52
15/09/2023 22:40	4.7	263	4	5.9	0.0	24.8	50
15/09/2023 22:50	5.4	262	5	6.7	0.0	25.0	47
15/09/2023 23:00	5.1	260	6	6.6	0.0	25.0	46
15/09/2023 23:10	5.1	263	4	6.0	0.0	24.8	47
15/09/2023 23:20	5.0	264	5	6.0	0.0	24.8	46
15/09/2023 23:30	4.9	263	5	6.3	0.0	24.9	45
15/09/2023 23:40	4.8	267	5	5.9	0.0	24.8	44
15/09/2023 23:50	5.0	268	5	6.4	0.0	24.7	43
16/09/2023 00:00	4.4	266	5	5.5	0.0	24.7	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/09/2023 00:10	4.6	266	6	5.8	0.0	24.7	43
16/09/2023 00:20	4.7	264	6	6.1	0.0	24.8	42
16/09/2023 00:30	4.6	269	6	6.4	0.0	24.8	42
16/09/2023 00:40	4.7	267	7	6.0	0.0	24.9	42
16/09/2023 00:50	4.5	272	6	6.0	0.0	24.8	42
16/09/2023 01:00	4.8	281	8	7.0	0.0	25.0	40
16/09/2023 01:10	4.2	280	8	5.7	0.0	25.2	38
16/09/2023 01:20	2.7	270	15	4.5	0.0	24.9	38
16/09/2023 01:30	1.6	260	27	3.2	0.0	24.6	38
16/09/2023 01:40	1.1	217	43	2.4	0.0	24.6	38
16/09/2023 01:50	1.0	253	46	2.2	0.0	24.6	38
16/09/2023 02:00	1.0	288	27	1.9	0.0	24.6	37
16/09/2023 02:10	1.7	304	11	2.5	0.0	24.9	36
16/09/2023 02:20	1.7	273	18	2.7	0.0	24.8	36
16/09/2023 02:30	1.1	269	33	2.1	0.0	24.6	37
16/09/2023 02:40	0.8	274	34	1.5	0.0	24.6	37
16/09/2023 02:50	1.3	295	17	2.0	0.0	24.8	37
16/09/2023 03:00	1.0	292	35	2.0	0.0	25.1	37
16/09/2023 03:10	0.6	335	34	1.2	0.0	25.2	36
16/09/2023 03:20	0.6	209	53	1.3	0.0	24.7	37
16/09/2023 03:30	0.6	301	30	1.3	0.0	25.1	36
16/09/2023 03:40	0.7	238	65	1.7	0.0	24.8	37
16/09/2023 03:50	1.4	275	46	2.7	0.0	25.4	36
16/09/2023 04:00	1.6	254	42	3.1	0.0	25.6	36
16/09/2023 04:10	1.5	271	57	2.9	0.0	25.7	35
16/09/2023 04:20	2.1	253	62	4.2	0.0	26.0	35
16/09/2023 04:30	1.8	294	63	4.3	0.0	26.4	33
16/09/2023 04:40	1.4	101	56	3.3	0.0	26.3	33
16/09/2023 04:50	1.2	278	53	2.5	0.0	26.2	33
16/09/2023 05:00	0.4	272	59	1.0	0.0	26.0	34
16/09/2023 05:10	0.7	255	34	1.8	0.0	25.7	34
16/09/2023 05:20	0.8	323	25	1.6	0.0	25.4	34
16/09/2023 05:30	1.0	268	26	1.9	0.0	25.5	34
16/09/2023 05:40	0.4	242	49	1.0	0.0	25.1	36
16/09/2023 05:50	0.4	119	49	0.7	0.0	24.7	37
16/09/2023 06:00	0.7	339	25	1.5	0.0	25.0	36
16/09/2023 06:10	1.0	32	38	2.2	0.0	25.0	35
16/09/2023 06:20	0.9	9	67	2.2	0.0	25.9	33
16/09/2023 06:30	1.2	32	31	2.2	0.0	25.7	33
16/09/2023 06:40	0.9	190	56	2.1	0.0	26.0	32
16/09/2023 06:50	1.0	265	53	2.0	0.0	26.2	32
16/09/2023 07:00	1.9	205	22	3.6	0.0	26.4	31
16/09/2023 07:10	2.2	199	18	3.9	0.0	26.9	30
16/09/2023 07:20	3.1	190	12	5.0	0.0	27.3	29
16/09/2023 07:30	2.8	191	15	4.5	0.0	27.5	29
16/09/2023 07:40	2.9	193	13	4.2	0.0	27.8	28
16/09/2023 07:50	3.8	194	11	5.8	0.0	28.1	27
16/09/2023 08:00	3.1	186	11	5.1	0.0	28.5	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/09/2023 08:10	3.2	187	12	5.2	0.0	28.8	26
16/09/2023 08:20	3.2	189	12	4.7	0.0	29.2	25
16/09/2023 08:30	3.4	179	15	5.0	0.0	29.6	26
16/09/2023 08:40	2.3	145	32	4.3	0.0	30.2	25
16/09/2023 08:50	1.6	138	24	3.1	0.0	31.1	24
16/09/2023 09:00	2.0	116	25	4.0	0.0	31.7	22
16/09/2023 09:10	1.9	143	35	3.0	0.0	31.8	23
16/09/2023 09:20	2.6	131	16	4.7	0.0	32.5	21
16/09/2023 09:30	2.6	142	17	4.4	0.0	32.6	22
16/09/2023 09:40	2.8	141	19	4.8	0.0	33.3	21
16/09/2023 09:50	3.1	106	12	4.6	0.0	32.8	22
16/09/2023 10:00	1.9	118	13	3.1	0.0	33.0	21
16/09/2023 10:10	2.1	113	15	3.2	0.0	33.7	20
16/09/2023 10:20	2.3	114	18	3.7	0.0	34.6	19
16/09/2023 10:30	2.3	117	19	3.8	0.0	35.0	18
16/09/2023 10:40	2.1	127	19	3.3	0.0	35.6	17
16/09/2023 10:50	2.6	124	15	3.4	0.0	35.9	16
16/09/2023 11:00	2.9	109	11	4.2	0.0	36.1	15
16/09/2023 11:10	2.4	104	17	3.4	0.0	36.2	15
16/09/2023 11:20	2.0	116	18	3.6	0.0	36.5	15
16/09/2023 11:30	2.4	92	17	3.7	0.0	36.6	14
16/09/2023 11:40	2.6	105	24	4.4	0.0	36.5	15
16/09/2023 11:50	2.4	105	19	4.4	0.0	36.8	14
16/09/2023 12:00	2.4	111	27	4.4	0.0	36.9	14
16/09/2023 12:10	2.2	102	20	3.8	0.0	37.1	14
16/09/2023 12:20	2.4	120	33	3.8	0.0	37.1	14
16/09/2023 12:30	1.6	92	37	3.4	0.0	37.1	14
16/09/2023 12:40	1.5	76	34	3.6	0.0	37.6	14
16/09/2023 12:50	1.9	71	30	3.4	0.0	37.8	13
16/09/2023 13:00	2.3	168	33	3.5	0.0	37.3	17
16/09/2023 13:10	2.5	261	23	3.9	0.0	36.3	18
16/09/2023 13:20	1.6	306	33	3.7	0.0	37.6	17
16/09/2023 13:30	3.1	172	21	4.8	0.0	37.0	18
16/09/2023 13:40	3.7	341	12	4.8	0.0	36.8	17
16/09/2023 13:50	3.6	170	15	5.5	0.0	36.6	20
16/09/2023 14:00	3.8	342	9	4.9	0.0	35.7	21
16/09/2023 14:10	3.8	337	13	4.7	0.0	35.6	22
16/09/2023 14:20	3.7	346	10	5.1	0.0	35.6	25
16/09/2023 14:30	4.3	353	9	5.6	0.0	34.8	31
16/09/2023 14:40	5.1	1	9	7.0	0.0	33.9	35
16/09/2023 14:50	4.9	355	9	6.2	0.0	33.5	37
16/09/2023 15:00	4.8	352	10	6.0	0.0	33.1	41
16/09/2023 15:10	4.6	342	10	6.1	0.0	33.2	41
16/09/2023 15:20	5.3	341	6	6.6	0.0	32.6	42
16/09/2023 15:30	5.2	342	8	7.0	0.0	32.6	41
16/09/2023 15:40	5.4	338	8	7.1	0.0	32.4	43
16/09/2023 15:50	6.6	349	11	9.6	0.0	31.8	41
16/09/2023 16:00	5.7	331	8	7.2	0.0	31.5	38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/09/2023 16:10	6.2	330	7	8.0	0.0	31.2	39
16/09/2023 16:20	6.4	319	7	8.2	0.0	30.5	41
16/09/2023 16:30	5.1	306	10	7.0	0.0	30.3	47
16/09/2023 16:40	5.0	319	10	6.5	0.0	30.5	41
16/09/2023 16:50	5.8	328	7	7.5	0.0	30.5	39
16/09/2023 17:00	5.5	327	7	7.0	0.0	30.3	40
16/09/2023 17:10	5.4	336	8	7.0	0.0	29.9	43
16/09/2023 17:20	5.4	334	6	6.8	0.0	29.6	47
16/09/2023 17:30	5.5	325	4	7.2	0.0	29.0	52
16/09/2023 17:40	4.8	326	7	6.8	0.0	28.5	55
16/09/2023 17:50	5.8	323	7	7.3	0.0	27.8	57
16/09/2023 18:00	4.4	309	8	5.9	0.0	27.9	55
16/09/2023 18:10	4.6	307	10	6.6	0.0	27.7	53
16/09/2023 18:20	4.6	298	10	6.2	0.0	27.5	54
16/09/2023 18:30	4.5	281	9	6.0	0.0	27.4	57
16/09/2023 18:40	4.4	275	8	6.3	0.0	26.8	62
16/09/2023 18:50	3.1	290	8	4.3	0.0	26.5	65
16/09/2023 19:00	2.9	294	7	3.8	0.0	26.4	66
16/09/2023 19:10	2.3	289	7	3.1	0.0	26.3	66
16/09/2023 19:20	2.9	281	6	3.7	0.0	26.1	66
16/09/2023 19:30	2.9	282	7	3.9	0.0	26.1	65
16/09/2023 19:40	3.5	278	8	5.7	0.0	26.2	64
16/09/2023 19:50	4.0	275	6	5.1	0.0	26.1	64
16/09/2023 20:00	3.6	276	6	5.6	0.0	25.9	67
16/09/2023 20:10	4.6	275	6	6.4	0.0	25.7	68
16/09/2023 20:20	3.9	281	8	5.3	0.0	25.6	68
16/09/2023 20:30	4.0	275	5	5.4	0.0	25.5	68
16/09/2023 20:40	4.3	271	5	5.5	0.0	25.2	65
16/09/2023 20:50	4.4	269	5	6.0	0.0	25.1	63
16/09/2023 21:00	4.5	266	4	5.9	0.0	25.1	64
16/09/2023 21:10	3.9	268	4	5.3	0.0	25.0	65
16/09/2023 21:20	4.4	271	4	5.4	0.0	25.0	66
16/09/2023 21:30	4.2	269	4	5.3	0.0	25.0	67
16/09/2023 21:40	3.8	273	5	5.0	0.0	25.0	67
16/09/2023 21:50	3.6	271	5	4.8	0.0	25.0	67
16/09/2023 22:00	3.4	267	5	4.3	0.0	24.9	67
16/09/2023 22:10	3.3	270	6	4.9	0.0	24.9	67
16/09/2023 22:20	2.9	269	5	4.0	0.0	24.8	67
16/09/2023 22:30	3.5	267	5	4.8	0.0	24.8	64
16/09/2023 22:40	4.2	263	5	5.3	0.0	25.2	62
16/09/2023 22:50	4.7	270	3	5.6	0.0	25.1	61
16/09/2023 23:00	4.5	270	5	5.9	0.0	25.2	59
16/09/2023 23:10	4.1	271	4	5.2	0.0	25.2	59
16/09/2023 23:20	4.3	272	4	5.2	0.0	25.1	58
16/09/2023 23:30	4.8	271	5	6.6	0.0	25.3	55
16/09/2023 23:40	4.5	265	5	5.9	0.0	25.2	55
16/09/2023 23:50	5.2	267	4	6.5	0.0	25.3	53
17/09/2023 00:00	5.6	270	5	7.3	0.0	25.2	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/09/2023 00:10	4.8	271	5	6.2	0.0	25.2	57
17/09/2023 00:20	4.1	272	3	4.9	0.0	24.9	59
17/09/2023 00:30	3.6	272	4	4.2	0.0	24.7	60
17/09/2023 00:40	3.5	273	4	4.2	0.0	24.5	61
17/09/2023 00:50	3.4	279	6	4.6	0.0	24.5	61
17/09/2023 01:00	4.1	279	4	4.8	0.0	24.6	61
17/09/2023 01:10	3.8	279	4	4.8	0.0	24.4	63
17/09/2023 01:20	4.0	282	5	5.0	0.0	24.6	63
17/09/2023 01:30	3.6	280	4	4.4	0.0	24.3	64
17/09/2023 01:40	2.9	278	6	3.6	0.0	24.2	64
17/09/2023 01:50	1.6	277	12	2.7	0.0	24.0	64
17/09/2023 02:00	1.3	275	11	1.8	0.0	23.8	64
17/09/2023 02:10	2.1	280	6	2.7	0.0	23.7	65
17/09/2023 02:20	2.0	274	4	2.5	0.0	23.4	67
17/09/2023 02:30	1.6	276	5	1.9	0.0	23.4	68
17/09/2023 02:40	1.1	309	24	1.6	0.0	23.7	68
17/09/2023 02:50	1.0	168	26	1.8	0.0	23.4	68
17/09/2023 03:00	1.5	286	9	2.1	0.0	23.8	67
17/09/2023 03:10	0.8	260	25	1.4	0.0	23.4	68
17/09/2023 03:20	1.3	268	8	1.6	0.0	23.0	69
17/09/2023 03:30	1.1	167	26	1.6	0.0	22.4	69
17/09/2023 03:40	1.1	61	7	1.4	0.0	21.8	69
17/09/2023 03:50	0.7	100	31	1.1	0.0	21.9	69
17/09/2023 04:00	1.1	267	13	1.6	0.0	22.1	69
17/09/2023 04:10	1.9	266	5	2.1	0.0	22.3	69
17/09/2023 04:20	1.1	300	34	1.6	0.0	22.5	69
17/09/2023 04:30	1.3	241	18	1.9	0.0	22.4	69
17/09/2023 04:40	1.1	52	19	1.7	0.0	21.7	69
17/09/2023 04:50	0.6	126	32	1.2	0.0	21.9	69
17/09/2023 05:00	1.1	272	14	1.9	0.0	21.5	69
17/09/2023 05:10	1.6	260	11	2.2	0.0	21.3	69
17/09/2023 05:20	2.3	268	8	3.0	0.0	21.7	66
17/09/2023 05:30	2.7	264	6	3.3	0.0	22.1	66
17/09/2023 05:40	2.1	270	6	2.7	0.0	22.1	65
17/09/2023 05:50	2.2	275	4	2.8	0.0	22.5	64
17/09/2023 06:00	2.2	268	13	3.1	0.0	22.5	64
17/09/2023 06:10	2.0	275	8	2.4	0.0	22.6	62
17/09/2023 06:20	2.2	272	13	2.9	0.0	22.8	61
17/09/2023 06:30	2.4	273	7	3.3	0.0	23.1	61
17/09/2023 06:40	1.8	270	11	2.7	0.0	23.2	61
17/09/2023 06:50	1.5	165	53	2.2	0.0	23.0	64
17/09/2023 07:00	1.0	26	36	2.1	0.0	22.8	65
17/09/2023 07:10	1.1	190	42	2.2	0.0	23.6	67
17/09/2023 07:20	1.1	96	34	1.8	0.0	24.4	66
17/09/2023 07:30	0.7	240	41	1.1	0.0	24.7	66
17/09/2023 07:40	0.7	176	34	1.3	0.0	25.1	66
17/09/2023 07:50	0.9	91	19	1.5	0.0	26.4	64
17/09/2023 08:00	0.8	70	16	1.3	0.0	26.9	56



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/09/2023 08:10	1.0	110	20	1.6	0.0	28.5	49
17/09/2023 08:20	1.0	107	28	1.8	0.0	29.0	44
17/09/2023 08:30	1.8	116	12	2.5	0.0	29.2	37
17/09/2023 08:40	1.8	114	16	2.4	0.0	29.2	39
17/09/2023 08:50	1.9	98	12	2.9	0.0	29.5	38
17/09/2023 09:00	2.6	93	11	3.6	0.0	29.5	37
17/09/2023 09:10	2.3	87	11	3.2	0.0	29.5	36
17/09/2023 09:20	2.2	83	17	3.4	0.0	29.5	42
17/09/2023 09:30	2.4	102	16	3.3	0.0	29.8	35
17/09/2023 09:40	2.3	101	16	3.6	0.0	30.1	32
17/09/2023 09:50	2.1	95	19	3.1	0.0	30.9	26
17/09/2023 10:00	2.0	96	26	3.2	0.0	31.2	26
17/09/2023 10:10	2.2	80	19	3.7	0.0	31.0	26
17/09/2023 10:20	2.4	79	20	4.0	0.0	31.5	26
17/09/2023 10:30	2.6	63	17	4.1	0.0	31.2	28
17/09/2023 10:40	2.9	63	14	4.3	0.0	30.8	28
17/09/2023 10:50	2.9	61	12	4.2	0.0	31.0	26
17/09/2023 11:00	3.2	66	11	5.2	0.0	31.4	25
17/09/2023 11:10	3.8	69	12	5.4	0.0	31.9	24
17/09/2023 11:20	3.9	69	15	6.2	0.0	32.2	23
17/09/2023 11:30	3.6	64	16	5.7	0.0	32.6	23
17/09/2023 11:40	2.8	32	23	4.2	0.0	32.5	37
17/09/2023 11:50	2.5	15	22	4.2	0.0	31.9	45
17/09/2023 12:00	3.5	12	13	4.9	0.0	31.7	48
17/09/2023 12:10	3.4	179	14	4.9	0.0	31.7	49
17/09/2023 12:20	2.9	186	16	4.8	0.0	32.2	46
17/09/2023 12:30	3.8	16	12	5.5	0.0	32.3	45
17/09/2023 12:40	3.7	181	15	5.2	0.0	31.7	49
17/09/2023 12:50	3.8	9	11	5.5	0.0	32.2	45
17/09/2023 13:00	4.2	186	10	5.9	0.0	32.5	42
17/09/2023 13:10	4.2	20	12	6.2	0.0	32.2	42
17/09/2023 13:20	4.4	178	12	5.5	0.0	31.9	44
17/09/2023 13:30	4.0	8	13	5.5	0.0	32.0	42
17/09/2023 13:40	4.5	11	11	6.2	0.0	32.0	43
17/09/2023 13:50	4.5	181	10	5.9	0.0	31.6	47
17/09/2023 14:00	4.7	9	9	6.0	0.0	32.0	40
17/09/2023 14:10	4.7	4	10	6.0	0.0	32.6	39
17/09/2023 14:20	4.8	5	10	6.5	0.0	32.2	42
17/09/2023 14:30	5.0	357	9	6.5	0.0	31.7	45
17/09/2023 14:40	4.7	177	13	5.9	0.0	31.7	46
17/09/2023 14:50	5.0	353	9	6.2	0.0	31.7	40
17/09/2023 15:00	4.6	355	12	5.9	0.0	32.0	33
17/09/2023 15:10	5.1	358	11	6.7	0.0	32.2	31
17/09/2023 15:20	5.4	349	8	7.2	0.0	31.7	34
17/09/2023 15:30	4.4	349	10	5.9	0.0	31.7	35
17/09/2023 15:40	4.6	352	8	6.0	0.0	31.7	36
17/09/2023 15:50	4.2	347	8	5.2	0.0	31.5	36
17/09/2023 16:00	4.0	351	10	5.1	0.0	31.5	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/09/2023 16:10	4.0	346	9	5.1	0.0	31.7	35
17/09/2023 16:20	3.6	335	10	4.7	0.0	31.6	32
17/09/2023 16:30	4.1	270	16	5.9	0.0	31.6	32
17/09/2023 16:40	4.5	254	4	5.3	0.0	31.2	36
17/09/2023 16:50	4.2	264	8	5.0	0.0	31.4	35
17/09/2023 17:00	3.7	310	10	5.2	0.0	31.7	36
17/09/2023 17:10	2.8	308	10	3.7	0.0	32.4	32
17/09/2023 17:20	4.2	323	16	5.7	0.0	31.6	41
17/09/2023 17:30	3.9	329	9	5.3	0.0	30.3	47
17/09/2023 17:40	3.3	331	10	4.9	0.0	30.4	44
17/09/2023 17:50	2.6	283	19	3.8	0.0	29.5	55
17/09/2023 18:00	3.0	284	18	4.6	0.0	27.6	66
17/09/2023 18:10	5.4	329	13	8.2	0.0	27.5	61
17/09/2023 18:20	5.5	329	9	7.6	0.0	27.5	61
17/09/2023 18:30	6.4	323	6	8.5	0.0	27.0	64
17/09/2023 18:40	6.4	324	7	8.5	0.0	26.6	67
17/09/2023 18:50	6.2	325	7	8.1	0.0	26.4	67
17/09/2023 19:00	6.0	319	8	7.7	0.0	26.2	67
17/09/2023 19:10	4.4	302	8	6.1	0.0	26.0	67
17/09/2023 19:20	4.4	280	9	5.9	0.0	26.0	67
17/09/2023 19:30	4.3	276	5	5.4	0.0	25.7	67
17/09/2023 19:40	4.2	286	8	5.4	0.0	25.6	67
17/09/2023 19:50	3.9	283	7	4.8	0.0	25.6	67
17/09/2023 20:00	3.7	271	4	4.4	0.0	25.5	67
17/09/2023 20:10	4.0	280	8	5.4	0.0	25.5	68
17/09/2023 20:20	4.7	282	6	6.2	0.0	25.4	68
17/09/2023 20:30	3.9	277	9	5.6	0.0	25.4	68
17/09/2023 20:40	2.9	268	9	4.3	0.0	25.3	68
17/09/2023 20:50	3.3	263	6	4.5	0.0	25.2	68
17/09/2023 21:00	3.2	260	7	4.2	0.0	25.1	68
17/09/2023 21:10	2.9	306	21	4.2	0.0	25.1	68
17/09/2023 21:20	4.2	276	10	5.9	0.0	25.0	66
17/09/2023 21:30	2.9	298	28	4.3	0.0	24.9	66
17/09/2023 21:40	4.6	265	6	5.9	0.0	24.8	66
17/09/2023 21:50	4.0	295	11	5.5	0.0	24.8	66
17/09/2023 22:00	4.2	287	11	6.0	0.0	24.8	66
17/09/2023 22:10	4.0	288	8	5.9	0.0	24.7	66
17/09/2023 22:20	4.0	294	9	5.9	0.0	24.6	65
17/09/2023 22:30	4.0	280	8	5.7	0.0	24.6	65
17/09/2023 22:40	2.9	295	10	4.3	0.0	24.4	64
17/09/2023 22:50	3.3	278	7	4.3	0.0	24.3	62
17/09/2023 23:00	3.1	280	7	4.2	0.0	24.2	61
17/09/2023 23:10	2.9	287	6	4.1	0.0	24.1	61
17/09/2023 23:20	2.7	287	6	3.8	0.0	24.1	60
17/09/2023 23:30	2.8	276	7	3.8	0.0	24.0	60
17/09/2023 23:40	3.1	277	5	4.2	0.0	23.9	60
17/09/2023 23:50	3.2	283	8	4.4	0.0	23.8	60
18/09/2023 00:00	3.7	278	7	4.9	0.0	23.8	60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/09/2023 00:10	3.9	282	6	5.4	0.0	23.9	60
18/09/2023 00:20	4.0	275	6	5.2	0.0	23.9	60
18/09/2023 00:30	4.2	263	6	5.2	0.0	23.9	59
18/09/2023 00:40	4.1	290	6	5.0	0.0	23.9	59
18/09/2023 00:50	3.3	285	6	4.4	0.0	23.8	59
18/09/2023 01:00	3.5	285	6	4.8	0.0	23.7	59
18/09/2023 01:10	3.2	287	7	4.5	0.0	23.6	59
18/09/2023 01:20	3.9	285	6	5.6	0.0	23.7	60
18/09/2023 01:30	4.1	283	5	5.2	0.0	23.7	60
18/09/2023 01:40	4.1	285	4	5.1	0.0	23.7	59
18/09/2023 01:50	4.3	279	4	5.3	0.0	23.7	59
18/09/2023 02:00	4.6	277	5	5.8	0.0	23.6	59
18/09/2023 02:10	4.7	277	4	5.6	0.0	23.7	59
18/09/2023 02:20	4.8	277	5	6.2	0.0	23.7	59
18/09/2023 02:30	4.7	273	6	6.0	0.0	23.7	58
18/09/2023 02:40	4.4	272	6	6.3	0.0	23.8	58
18/09/2023 02:50	3.8	271	7	5.2	0.0	23.7	59
18/09/2023 03:00	3.9	276	6	5.2	0.0	23.7	59
18/09/2023 03:10	2.9	272	7	3.9	0.0	23.8	58
18/09/2023 03:20	3.0	270	8	4.6	0.0	23.9	58
18/09/2023 03:30	2.6	276	8	3.8	0.0	23.9	59
18/09/2023 03:40	3.8	272	6	5.2	0.0	23.9	59
18/09/2023 03:50	4.6	263	4	5.6	0.0	24.0	59
18/09/2023 04:00	5.0	267	5	6.0	0.0	24.0	60
18/09/2023 04:10	4.2	266	5	5.4	0.0	24.0	59
18/09/2023 04:20	4.9	265	5	6.1	0.0	23.8	59
18/09/2023 04:30	4.4	263	5	5.5	0.0	23.7	61
18/09/2023 04:40	4.2	263	5	5.2	0.0	23.5	62
18/09/2023 04:50	4.0	263	4	5.4	0.0	23.3	62
18/09/2023 05:00	4.2	264	5	5.0	0.0	23.2	62
18/09/2023 05:10	4.5	262	4	5.7	0.0	23.1	61
18/09/2023 05:20	4.6	264	6	6.2	0.0	23.3	61
18/09/2023 05:30	3.7	258	6	5.1	0.0	23.4	62
18/09/2023 05:40	3.1	264	8	4.6	0.0	23.1	61
18/09/2023 05:50	3.3	269	6	4.9	0.0	22.9	61
18/09/2023 06:00	3.8	273	4	4.7	0.0	22.8	62
18/09/2023 06:10	3.3	266	5	4.2	0.0	22.8	63
18/09/2023 06:20	2.6	253	4	3.2	0.0	22.6	63
18/09/2023 06:30	3.6	255	4	4.5	0.0	22.3	62
18/09/2023 06:40	3.2	264	6	4.1	0.0	22.3	62
18/09/2023 06:50	2.6	255	8	3.8	0.0	22.7	64
18/09/2023 07:00	3.6	254	7	5.0	0.0	23.1	65
18/09/2023 07:10	2.9	264	8	4.0	0.0	23.4	66
18/09/2023 07:20	2.9	270	8	3.8	0.0	23.7	66
18/09/2023 07:30	3.2	256	6	3.9	0.0	24.1	66
18/09/2023 07:40	3.2	258	8	4.2	0.0	24.3	66
18/09/2023 07:50	3.0	261	9	4.1	0.0	24.6	66
18/09/2023 08:00	3.0	270	8	3.9	0.0	24.6	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/09/2023 08:10	2.7	270	10	3.8	0.0	24.9	65
18/09/2023 08:20	2.2	268	12	3.4	0.0	25.6	62
18/09/2023 08:30	1.6	233	36	3.1	0.0	26.2	57
18/09/2023 08:40	1.1	241	22	1.7	0.0	26.8	50
18/09/2023 08:50	1.2	298	30	1.9	0.0	27.5	49
18/09/2023 09:00	1.0	300	36	2.1	0.0	27.9	48
18/09/2023 09:10	2.3	93	14	3.5	0.0	28.6	47
18/09/2023 09:20	2.4	113	14	3.7	0.0	28.3	48
18/09/2023 09:30	2.5	104	23	3.7	0.0	28.4	48
18/09/2023 09:40	2.1	344	24	3.4	0.0	28.5	53
18/09/2023 09:50	2.0	11	25	3.5	0.0	28.6	52
18/09/2023 10:00	2.1	11	23	3.7	0.0	28.9	48
18/09/2023 10:10	2.6	354	16	3.7	0.0	28.9	47
18/09/2023 10:20	3.2	348	13	4.9	0.0	28.6	49
18/09/2023 10:30	3.1	344	20	4.6	0.0	28.7	48
18/09/2023 10:40	3.5	343	11	4.9	0.0	28.7	51
18/09/2023 10:50	3.5	332	14	5.0	0.0	28.3	49
18/09/2023 11:00	3.7	339	17	5.4	0.0	28.5	46
18/09/2023 11:10	2.9	336	15	4.3	0.0	28.8	46
18/09/2023 11:20	2.9	326	13	4.5	0.0	28.8	47
18/09/2023 11:30	2.4	295	21	4.0	0.0	29.2	47
18/09/2023 11:40	2.7	315	23	4.1	0.0	30.0	45
18/09/2023 11:50	3.1	325	17	4.7	0.0	29.8	46
18/09/2023 12:00	2.6	310	28	4.3	0.0	30.1	45
18/09/2023 12:10	2.8	319	22	4.2	0.0	30.2	44
18/09/2023 12:20	2.9	319	13	4.1	0.0	29.8	45
18/09/2023 12:30	2.9	323	11	4.0	0.0	29.8	46
18/09/2023 12:40	2.9	319	13	4.4	0.0	29.6	48
18/09/2023 12:50	3.9	323	11	5.2	0.0	29.6	48
18/09/2023 13:00	3.8	307	22	5.9	0.0	30.0	46
18/09/2023 13:10	4.7	317	8	6.5	0.0	29.4	45
18/09/2023 13:20	4.5	295	14	6.4	0.0	30.2	45
18/09/2023 13:30	4.2	301	14	6.1	0.0	30.2	46
18/09/2023 13:40	4.6	299	16	6.6	0.0	30.3	45
18/09/2023 13:50	4.4	299	13	6.1	0.0	30.2	46
18/09/2023 14:00	4.1	287	14	5.7	0.0	29.5	49
18/09/2023 14:10	4.2	331	10	6.4	0.0	29.1	48
18/09/2023 14:20	5.6	311	10	7.3	0.0	28.9	49
18/09/2023 14:30	6.1	310	9	8.4	0.0	29.0	49
18/09/2023 14:40	6.2	320	10	8.0	0.0	29.1	47
18/09/2023 14:50	6.0	317	11	8.4	0.0	28.8	48
18/09/2023 15:00	6.1	318	9	8.0	0.0	28.9	46
18/09/2023 15:10	5.6	320	10	7.8	0.0	28.8	51
18/09/2023 15:20	5.8	325	9	7.7	0.0	28.9	51
18/09/2023 15:30	5.7	325	7	7.7	0.0	28.6	52
18/09/2023 15:40	6.4	322	8	8.3	0.0	28.2	53
18/09/2023 15:50	6.3	327	9	7.8	0.0	28.5	46
18/09/2023 16:00	6.5	327	7	8.1	0.0	28.6	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/09/2023 16:10	6.5	325	6	8.0	0.0	28.3	42
18/09/2023 16:20	5.9	328	8	7.7	0.0	28.0	50
18/09/2023 16:30	6.1	333	8	8.1	0.0	27.5	57
18/09/2023 16:40	4.8	334	12	7.1	0.0	27.3	62
18/09/2023 16:50	4.6	321	13	6.8	0.0	27.0	65
18/09/2023 17:00	5.0	324	11	7.0	0.0	26.3	66
18/09/2023 17:10	5.5	326	8	7.8	0.0	26.5	63
18/09/2023 17:20	5.9	329	8	7.5	0.0	26.3	63
18/09/2023 17:30	5.8	336	8	7.3	0.0	25.8	66
18/09/2023 17:40	4.8	322	7	6.7	0.0	25.9	63
18/09/2023 17:50	4.8	311	11	6.8	0.0	25.9	63
18/09/2023 18:00	4.2	324	13	6.1	0.0	25.8	65
18/09/2023 18:10	3.7	313	11	5.1	0.0	25.6	67
18/09/2023 18:20	4.9	317	10	6.5	0.0	25.4	68
18/09/2023 18:30	4.0	300	15	5.9	0.0	25.3	67
18/09/2023 18:40	3.9	312	16	6.1	0.0	25.3	67
18/09/2023 18:50	4.8	333	8	7.0	0.0	25.1	65
18/09/2023 19:00	4.2	338	10	5.9	0.0	24.9	64
18/09/2023 19:10	5.1	315	10	6.9	0.0	24.8	63
18/09/2023 19:20	5.1	311	9	7.8	0.0	24.7	62
18/09/2023 19:30	3.5	302	11	5.6	0.0	24.7	62
18/09/2023 19:40	3.8	297	11	5.6	0.0	24.7	62
18/09/2023 19:50	4.3	297	10	6.9	0.0	24.7	62
18/09/2023 20:00	5.1	296	10	8.3	0.0	24.7	63
18/09/2023 20:10	5.2	301	11	7.1	0.0	24.7	62
18/09/2023 20:20	5.3	312	8	7.0	0.0	24.6	63
18/09/2023 20:30	4.4	301	12	6.7	0.0	24.6	63
18/09/2023 20:40	4.5	314	12	7.2	0.0	24.6	62
18/09/2023 20:50	3.9	303	10	6.1	0.0	24.5	62
18/09/2023 21:00	4.1	309	10	5.9	0.0	24.5	62
18/09/2023 21:10	3.1	307	15	4.8	0.0	24.5	62
18/09/2023 21:20	3.0	291	18	5.2	0.0	24.4	62
18/09/2023 21:30	4.7	293	9	6.9	0.0	24.4	63
18/09/2023 21:40	6.8	298	7	8.9	0.0	25.0	65
18/09/2023 21:50	4.3	301	11	6.8	0.0	25.2	66
18/09/2023 22:00	4.0	296	10	5.7	0.0	24.8	66
18/09/2023 22:10	5.5	294	9	8.6	0.0	24.7	66
18/09/2023 22:20	5.2	289	8	7.2	0.0	24.7	66
18/09/2023 22:30	6.6	293	6	8.5	0.0	24.7	66
18/09/2023 22:40	6.3	287	7	8.4	0.0	24.7	67
18/09/2023 22:50	4.9	290	8	6.8	0.0	24.5	66
18/09/2023 23:00	4.7	290	8	6.4	0.0	24.4	67
18/09/2023 23:10	5.7	286	7	7.4	0.0	24.5	67
18/09/2023 23:20	5.2	287	7	6.6	0.0	24.5	67
18/09/2023 23:30	6.0	291	6	7.4	0.0	24.5	67
18/09/2023 23:40	5.3	288	7	6.7	0.0	24.6	67
18/09/2023 23:50	5.5	287	7	7.3	0.0	24.4	67
19/09/2023 00:00	4.7	287	6	6.4	0.0	24.5	67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/09/2023 00:10	4.5	281	6	5.8	0.0	24.3	67
19/09/2023 00:20	4.7	285	6	6.5	0.0	24.4	67
19/09/2023 00:30	5.2	285	6	7.4	0.0	24.4	67
19/09/2023 00:40	5.5	284	5	7.5	0.0	24.5	67
19/09/2023 00:50	5.1	286	6	6.6	0.0	24.5	66
19/09/2023 01:00	4.6	288	6	6.0	0.0	24.5	66
19/09/2023 01:10	5.2	282	6	6.8	0.0	24.5	66
19/09/2023 01:20	5.0	283	6	6.7	0.0	24.5	66
19/09/2023 01:30	4.7	282	7	6.7	0.0	24.6	66
19/09/2023 01:40	4.7	276	5	6.2	0.0	24.5	66
19/09/2023 01:50	5.0	272	5	6.2	0.0	24.5	66
19/09/2023 02:00	4.7	266	5	6.1	0.0	24.5	66
19/09/2023 02:10	5.1	264	5	6.5	0.0	24.6	66
19/09/2023 02:20	4.9	262	5	6.2	0.0	24.6	66
19/09/2023 02:30	4.9	262	4	6.0	0.0	24.4	66
19/09/2023 02:40	5.5	261	6	7.3	0.0	24.4	67
19/09/2023 02:50	5.6	259	5	7.1	0.0	24.3	66
19/09/2023 03:00	5.5	259	6	7.6	0.0	24.2	60
19/09/2023 03:10	5.4	261	5	7.0	0.0	24.6	54
19/09/2023 03:20	4.9	263	5	6.5	0.0	24.4	52
19/09/2023 03:30	4.7	268	5	5.8	0.0	24.1	51
19/09/2023 03:40	4.6	268	5	5.8	0.0	24.0	50
19/09/2023 03:50	4.8	271	4	5.9	0.0	23.8	50
19/09/2023 04:00	5.3	270	5	6.5	0.0	23.8	49
19/09/2023 04:10	5.8	271	3	6.7	0.0	23.7	49
19/09/2023 04:20	5.4	271	4	6.4	0.0	23.6	49
19/09/2023 04:30	5.7	276	3	7.0	0.0	23.6	49
19/09/2023 04:40	4.2	281	5	5.6	0.0	23.6	49
19/09/2023 04:50	4.0	282	5	5.0	0.0	23.4	48
19/09/2023 05:00	3.8	278	6	5.0	0.0	23.2	49
19/09/2023 05:10	3.6	281	8	5.0	0.0	23.1	48
19/09/2023 05:20	3.8	296	8	5.1	0.0	23.5	45
19/09/2023 05:30	4.1	295	6	5.2	0.0	23.8	43
19/09/2023 05:40	3.7	285	8	4.9	0.0	23.9	41
19/09/2023 05:50	3.6	286	8	4.7	0.0	23.9	41
19/09/2023 06:00	2.9	280	12	4.5	0.0	23.8	42
19/09/2023 06:10	1.1	265	22	1.9	0.0	23.3	44
19/09/2023 06:20	1.2	260	18	1.8	0.0	23.1	45
19/09/2023 06:30	1.3	233	21	2.3	0.0	23.4	46
19/09/2023 06:40	1.0	214	32	2.0	0.0	23.6	47
19/09/2023 06:50	1.2	266	19	2.2	0.0	23.7	48
19/09/2023 07:00	1.1	257	19	1.8	0.0	23.5	48
19/09/2023 07:10	1.2	259	20	1.9	0.0	23.8	47
19/09/2023 07:20	0.5	89	63	1.2	0.0	24.7	45
19/09/2023 07:30	0.8	48	34	1.4	0.0	24.9	44
19/09/2023 07:40	0.6	113	34	1.1	0.0	25.5	42
19/09/2023 07:50	0.5	246	27	1.0	0.0	25.6	41
19/09/2023 08:00	0.9	249	41	1.4	0.0	25.8	41



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/09/2023 08:10	1.6	207	20	2.9	0.0	26.0	37
19/09/2023 08:20	1.8	190	14	2.6	0.0	26.2	36
19/09/2023 08:30	1.6	193	10	2.2	0.0	26.6	34
19/09/2023 08:40	1.6	200	24	2.3	0.0	27.2	32
19/09/2023 08:50	1.9	175	24	2.9	0.0	27.8	30
19/09/2023 09:00	2.5	178	11	3.7	0.0	27.7	32
19/09/2023 09:10	2.1	191	12	3.3	0.0	27.5	34
19/09/2023 09:20	1.9	153	32	3.4	0.0	28.3	34
19/09/2023 09:30	2.1	123	17	3.9	0.0	28.9	35
19/09/2023 09:40	2.2	121	16	3.6	0.0	29.1	36
19/09/2023 09:50	2.1	137	19	3.6	0.0	29.4	37
19/09/2023 10:00	2.4	131	14	4.3	0.0	29.1	39
19/09/2023 10:10	2.7	113	17	4.6	0.0	29.1	40
19/09/2023 10:20	2.9	95	14	4.6	0.0	29.2	41
19/09/2023 10:30	2.9	106	13	4.2	0.0	29.3	42
19/09/2023 10:40	3.0	96	13	4.4	0.0	29.5	43
19/09/2023 10:50	3.5	97	13	4.9	0.0	29.6	44
19/09/2023 11:00	3.6	86	17	5.2	0.0	29.9	43
19/09/2023 11:10	4.0	75	12	5.6	0.0	30.3	41
19/09/2023 11:20	3.9	78	14	5.8	0.0	30.0	43
19/09/2023 11:30	4.2	84	14	6.0	0.0	30.7	41
19/09/2023 11:40	4.8	84	15	6.8	0.0	30.6	39
19/09/2023 11:50	5.3	85	11	8.4	0.0	30.8	38
19/09/2023 12:00	5.8	81	12	7.9	0.0	30.6	40
19/09/2023 12:10	5.8	65	9	8.0	0.0	30.0	43
19/09/2023 12:20	5.6	66	12	7.9	0.0	30.3	42
19/09/2023 12:30	5.5	64	10	7.8	0.0	30.1	43
19/09/2023 12:40	5.4	63	9	7.2	0.0	30.3	42
19/09/2023 12:50	5.5	57	11	7.5	0.0	30.6	38
19/09/2023 13:00	6.1	59	9	8.5	0.0	30.7	38
19/09/2023 13:10	6.7	59	9	8.9	0.0	30.9	35
19/09/2023 13:20	6.3	65	9	7.9	0.0	31.5	34
19/09/2023 13:30	6.3	68	7	8.3	0.0	31.5	35
19/09/2023 13:40	5.5	65	11	7.3	0.0	31.8	37
19/09/2023 13:50	5.4	45	15	7.6	0.0	32.2	38
19/09/2023 14:00	5.2	8	11	7.3	0.0	32.0	42
19/09/2023 14:10	5.9	11	9	7.5	0.0	31.3	46
19/09/2023 14:20	5.5	5	12	7.3	0.0	30.6	49
19/09/2023 14:30	6.1	358	10	8.1	0.0	30.5	51
19/09/2023 14:40	6.5	178	9	8.5	0.0	30.0	50
19/09/2023 14:50	6.7	11	8	8.8	0.0	29.9	49
19/09/2023 15:00	6.4	9	8	8.2	0.0	29.5	54
19/09/2023 15:10	6.4	19	8	8.0	0.0	29.3	55
19/09/2023 15:20	5.8	20	12	7.9	0.0	29.2	55
19/09/2023 15:30	5.8	14	11	8.5	0.0	29.7	49
19/09/2023 15:40	6.4	14	10	8.6	0.0	29.2	50
19/09/2023 15:50	6.4	8	9	9.0	0.0	28.3	57
19/09/2023 16:00	6.5	5	10	9.6	0.0	28.9	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/09/2023 16:10	6.7	9	10	8.8	0.0	29.0	48
19/09/2023 16:20	6.9	8	9	9.6	0.0	28.5	47
19/09/2023 16:30	6.4	5	10	9.1	0.0	28.6	51
19/09/2023 16:40	6.7	177	9	9.4	0.0	28.4	54
19/09/2023 16:50	7.3	351	8	9.7	0.0	28.0	55
19/09/2023 17:00	7.4	351	8	9.9	0.0	27.7	59
19/09/2023 17:10	7.9	342	8	10.2	0.0	26.9	63
19/09/2023 17:20	7.9	343	6	9.9	0.0	26.5	64
19/09/2023 17:30	7.2	340	7	9.3	0.0	26.2	66
19/09/2023 17:40	6.8	329	8	8.6	0.0	26.1	66
19/09/2023 17:50	6.8	328	7	8.6	0.0	25.9	67
19/09/2023 18:00	5.6	321	9	7.7	0.0	25.8	66
19/09/2023 18:10	5.4	311	10	7.3	0.0	25.7	67
19/09/2023 18:20	5.3	298	12	7.5	0.0	25.7	66
19/09/2023 18:30	5.8	290	7	7.2	0.0	25.6	67
19/09/2023 18:40	5.1	288	7	6.8	0.0	25.8	64
19/09/2023 18:50	5.5	287	7	7.6	0.0	25.7	63
19/09/2023 19:00	5.6	289	7	7.7	0.0	25.9	58
19/09/2023 19:10	4.7	291	11	6.5	0.0	26.1	55
19/09/2023 19:20	4.5	302	10	6.5	0.0	26.1	57
19/09/2023 19:30	4.6	296	9	6.4	0.0	25.9	60
19/09/2023 19:40	5.0	302	8	7.0	0.0	25.9	62
19/09/2023 19:50	4.1	307	11	5.8	0.0	25.8	64
19/09/2023 20:00	4.3	314	10	6.1	0.0	25.7	66
19/09/2023 20:10	4.2	322	10	6.0	0.0	25.6	67
19/09/2023 20:20	4.7	330	9	6.6	0.0	25.6	66
19/09/2023 20:30	4.5	327	8	6.7	0.0	25.4	68
19/09/2023 20:40	4.1	328	8	6.0	0.0	25.4	68
19/09/2023 20:50	4.2	324	9	5.6	0.0	25.4	68
19/09/2023 21:00	3.7	322	9	5.5	0.0	25.4	69
19/09/2023 21:10	3.3	322	11	5.3	0.0	25.3	68
19/09/2023 21:20	3.7	327	9	5.3	0.0	25.1	65
19/09/2023 21:30	3.1	312	13	5.4	0.0	24.9	64
19/09/2023 21:40	2.7	310	13	4.0	0.0	24.9	64
19/09/2023 21:50	2.9	309	12	4.2	0.0	24.9	64
19/09/2023 22:00	3.1	316	11	4.9	0.0	24.9	61
19/09/2023 22:10	2.8	311	14	4.1	0.0	24.7	59
19/09/2023 22:20	3.2	311	12	4.7	0.0	24.6	58
19/09/2023 22:30	2.8	303	17	5.1	0.0	24.6	56
19/09/2023 22:40	2.5	297	12	4.2	0.0	24.4	55
19/09/2023 22:50	2.3	304	15	4.0	0.0	24.4	54
19/09/2023 23:00	2.9	324	21	5.0	0.0	24.3	53
19/09/2023 23:10	3.3	325	13	4.9	0.0	24.2	54
19/09/2023 23:20	3.2	327	12	5.1	0.0	24.3	55
19/09/2023 23:30	3.4	332	11	5.3	0.0	24.2	56
19/09/2023 23:40	2.2	319	19	3.6	0.0	24.2	57
19/09/2023 23:50	2.0	312	14	3.2	0.0	24.1	58
20/09/2023 00:00	2.0	301	14	3.1	0.0	24.1	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/09/2023 00:10	1.6	316	13	2.7	0.0	24.0	60
20/09/2023 00:20	1.8	301	13	2.9	0.0	23.9	61
20/09/2023 00:30	2.3	310	17	3.7	0.0	24.0	62
20/09/2023 00:40	2.3	304	16	3.5	0.0	24.0	63
20/09/2023 00:50	2.3	308	13	3.9	0.0	24.0	63
20/09/2023 01:00	2.1	335	16	3.4	0.0	24.0	62
20/09/2023 01:10	2.3	324	9	3.6	0.0	23.8	61
20/09/2023 01:20	1.6	329	15	2.5	0.0	23.8	61
20/09/2023 01:30	2.0	329	17	2.9	0.0	23.7	60
20/09/2023 01:40	3.0	336	11	4.4	0.0	23.7	61
20/09/2023 01:50	2.8	337	9	3.9	0.0	23.8	61
20/09/2023 02:00	1.9	327	13	3.2	0.0	23.7	61
20/09/2023 02:10	1.9	310	17	2.8	0.0	23.7	61
20/09/2023 02:20	2.0	320	13	3.2	0.0	23.7	61
20/09/2023 02:30	2.0	308	13	2.7	0.0	23.7	61
20/09/2023 02:40	1.9	313	15	3.5	0.0	23.6	60
20/09/2023 02:50	1.6	326	17	3.3	0.0	23.6	60
20/09/2023 03:00	1.3	33	20	2.3	0.0	23.4	60
20/09/2023 03:10	0.9	77	19	1.3	0.0	23.1	59
20/09/2023 03:20	1.2	21	28	2.0	0.0	22.9	59
20/09/2023 03:30	1.7	22	7	2.1	0.0	22.8	58
20/09/2023 03:40	1.7	14	10	2.2	0.0	23.2	57
20/09/2023 03:50	1.8	50	7	2.4	0.0	23.0	59
20/09/2023 04:00	1.1	63	18	1.5	0.0	22.8	57
20/09/2023 04:10	1.1	87	13	1.4	0.0	22.7	56
20/09/2023 04:20	0.6	63	19	1.1	0.0	22.7	56
20/09/2023 04:30	0.6	90	31	1.0	0.0	22.5	55
20/09/2023 04:40	0.6	86	23	1.1	0.0	22.3	55
20/09/2023 04:50	1.4	79	21	1.9	0.0	22.2	55
20/09/2023 05:00	1.1	88	17	1.6	0.0	22.2	54
20/09/2023 05:10	1.0	122	27	1.4	0.0	22.1	54
20/09/2023 05:20	1.1	230	24	1.8	0.0	22.1	53
20/09/2023 05:30	1.6	44	9	1.9	0.0	22.1	53
20/09/2023 05:40	1.0	79	13	1.6	0.0	21.8	53
20/09/2023 05:50	1.2	66	7	1.5	0.0	21.9	52
20/09/2023 06:00	1.0	81	7	1.3	0.0	21.8	51
20/09/2023 06:10	1.5	68	9	1.8	0.0	21.8	51
20/09/2023 06:20	1.6	63	6	2.2	0.0	21.4	51
20/09/2023 06:30	1.4	57	9	2.0	0.0	21.7	50
20/09/2023 06:40	1.6	58	6	2.0	0.0	22.1	49
20/09/2023 06:50	2.2	56	5	2.7	0.0	22.7	49
20/09/2023 07:00	2.0	57	7	2.4	0.0	23.3	49
20/09/2023 07:10	1.8	61	7	2.4	0.0	23.9	51
20/09/2023 07:20	2.8	79	10	3.7	0.0	24.4	54
20/09/2023 07:30	3.4	76	8	4.6	0.0	24.8	58
20/09/2023 07:40	3.4	73	9	4.8	0.0	25.2	60
20/09/2023 07:50	4.5	81	8	6.0	0.0	25.4	61
20/09/2023 08:00	4.1	75	10	5.7	0.0	25.4	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/09/2023 08:10	4.7	67	9	6.5	0.0	25.5	62
20/09/2023 08:20	4.6	66	9	6.5	0.0	25.6	62
20/09/2023 08:30	5.0	64	10	6.7	0.0	25.7	63
20/09/2023 08:40	5.0	66	10	6.7	0.0	25.8	63
20/09/2023 08:50	5.4	74	8	7.3	0.0	25.8	63
20/09/2023 09:00	5.0	70	6	6.4	0.0	25.9	64
20/09/2023 09:10	5.2	65	9	7.2	0.0	26.3	64
20/09/2023 09:20	5.3	64	10	7.2	0.0	26.3	64
20/09/2023 09:30	5.0	62	12	6.6	0.0	26.5	65
20/09/2023 09:40	4.5	62	13	6.4	0.0	26.6	65
20/09/2023 09:50	5.1	56	11	6.7	0.0	26.6	65
20/09/2023 10:00	4.5	66	10	6.7	0.0	26.9	65
20/09/2023 10:10	4.9	64	10	7.2	0.0	27.0	65
20/09/2023 10:20	4.4	66	12	6.9	0.0	27.3	65
20/09/2023 10:30	4.8	68	14	6.7	0.0	27.3	65
20/09/2023 10:40	3.7	89	17	5.5	0.0	27.7	63
20/09/2023 10:50	4.5	81	18	6.4	0.0	27.9	62
20/09/2023 11:00	4.6	79	10	6.6	0.0	28.1	62
20/09/2023 11:10	5.1	81	8	7.0	0.0	27.9	62
20/09/2023 11:20	4.7	83	11	6.3	0.0	28.1	56
20/09/2023 11:30	4.9	88	9	7.1	0.0	28.7	55
20/09/2023 11:40	5.5	84	10	7.6	0.0	28.4	54
20/09/2023 11:50	5.8	89	9	8.0	0.0	29.2	48
20/09/2023 12:00	6.1	81	11	8.7	0.0	29.4	47
20/09/2023 12:10	5.6	83	13	8.5	0.0	29.8	46
20/09/2023 12:20	6.2	70	10	8.2	0.0	29.7	47
20/09/2023 12:30	6.9	65	9	10.0	0.0	29.2	51
20/09/2023 12:40	6.7	65	9	10.3	0.0	28.9	51
20/09/2023 12:50	7.1	65	9	9.4	0.0	28.7	53
20/09/2023 13:00	6.3	58	9	8.4	0.0	28.9	54
20/09/2023 13:10	6.1	58	10	8.4	0.0	28.9	58
20/09/2023 13:20	6.7	49	7	8.8	0.0	29.0	55
20/09/2023 13:30	7.0	53	7	9.1	0.0	28.9	55
20/09/2023 13:40	6.8	54	7	8.9	0.0	29.3	50
20/09/2023 13:50	6.2	58	10	8.7	0.0	30.5	41
20/09/2023 14:00	6.6	53	8	8.6	0.0	31.3	32
20/09/2023 14:10	5.1	30	17	7.5	0.0	31.9	36
20/09/2023 14:20	6.8	13	6	8.9	0.0	31.1	44
20/09/2023 14:30	6.0	26	10	8.0	0.0	31.1	42
20/09/2023 14:40	7.0	14	12	9.9	0.0	30.5	46
20/09/2023 14:50	7.0	6	8	8.7	0.0	30.1	48
20/09/2023 15:00	7.1	12	9	9.2	0.0	30.1	52
20/09/2023 15:10	6.5	11	9	8.4	0.0	29.6	59
20/09/2023 15:20	6.6	1	9	8.1	0.0	28.8	63
20/09/2023 15:30	7.1	357	7	8.9	0.0	28.6	64
20/09/2023 15:40	6.6	360	9	8.3	0.0	28.3	64
20/09/2023 15:50	6.6	2	9	8.8	0.0	28.6	63
20/09/2023 16:00	6.1	2	10	8.1	0.0	28.6	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/09/2023 16:10	6.4	180	9	8.3	0.0	28.5	61
20/09/2023 16:20	6.2	358	7	7.6	0.0	28.5	61
20/09/2023 16:30	5.8	342	8	7.5	0.0	28.2	64
20/09/2023 16:40	5.6	341	9	7.2	0.0	28.0	65
20/09/2023 16:50	6.7	340	6	8.4	0.0	27.4	66
20/09/2023 17:00	6.8	343	6	8.6	0.0	27.0	67
20/09/2023 17:10	6.5	349	8	9.2	0.0	27.0	67
20/09/2023 17:20	6.5	353	7	8.0	0.0	26.7	67
20/09/2023 17:30	6.5	353	7	8.2	0.0	26.4	67
20/09/2023 17:40	6.0	352	7	7.9	0.0	26.4	67
20/09/2023 17:50	4.9	351	10	6.9	0.0	26.5	67
20/09/2023 18:00	4.0	349	13	5.9	0.0	26.2	67
20/09/2023 18:10	2.0	289	55	3.7	0.0	26.1	67
20/09/2023 18:20	1.2	292	58	2.5	0.0	26.0	67
20/09/2023 18:30	3.1	334	16	5.4	0.0	25.9	68
20/09/2023 18:40	5.0	333	9	6.6	0.0	25.9	68
20/09/2023 18:50	5.8	339	6	7.3	0.0	25.8	68
20/09/2023 19:00	6.9	340	6	8.7	0.0	25.8	68
20/09/2023 19:10	5.9	341	7	7.3	0.0	25.6	68
20/09/2023 19:20	5.2	347	6	6.9	0.0	25.6	68
20/09/2023 19:30	4.8	343	8	6.7	0.0	25.5	67
20/09/2023 19:40	4.8	337	8	6.6	0.0	25.4	67
20/09/2023 19:50	4.5	344	8	6.2	0.0	25.2	65
20/09/2023 20:00	5.1	342	8	7.2	0.0	25.2	64
20/09/2023 20:10	4.5	344	10	6.4	0.0	25.1	62
20/09/2023 20:20	4.8	335	9	6.8	0.0	25.1	61
20/09/2023 20:30	4.9	338	9	7.2	0.0	25.1	59
20/09/2023 20:40	4.7	339	10	6.6	0.0	25.0	59
20/09/2023 20:50	4.3	334	10	6.7	0.0	25.0	59
20/09/2023 21:00	5.2	334	8	7.0	0.0	25.0	59
20/09/2023 21:10	5.0	335	10	7.0	0.0	25.0	60
20/09/2023 21:20	5.3	336	9	7.7	0.0	25.0	61
20/09/2023 21:30	5.6	333	10	8.1	0.0	25.1	62
20/09/2023 21:40	5.4	334	8	7.7	0.0	25.1	62
20/09/2023 21:50	5.8	336	8	7.7	0.0	25.1	63
20/09/2023 22:00	6.0	335	7	7.9	0.0	25.0	62
20/09/2023 22:10	5.9	335	7	7.7	0.0	25.0	63
20/09/2023 22:20	6.0	335	8	8.0	0.0	25.0	64
20/09/2023 22:30	5.4	333	8	7.4	0.0	25.0	64
20/09/2023 22:40	5.4	333	8	7.4	0.0	25.0	64
20/09/2023 22:50	4.9	330	8	7.8	0.0	24.9	64
20/09/2023 23:00	5.2	328	8	7.3	0.0	24.9	65
20/09/2023 23:10	5.4	328	9	7.9	0.0	24.9	65
20/09/2023 23:20	5.1	332	9	6.9	0.0	25.0	66
20/09/2023 23:30	4.9	331	11	7.5	0.0	24.9	66
20/09/2023 23:40	4.4	328	9	6.3	0.0	24.9	66
20/09/2023 23:50	4.2	328	9	6.5	0.0	24.9	66
21/09/2023 00:00	4.3	322	10	6.9	0.0	24.8	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/09/2023 00:10	4.0	321	9	6.0	0.0	24.7	66
21/09/2023 00:20	4.2	322	10	5.9	0.0	24.7	66
21/09/2023 00:30	4.1	321	9	6.0	0.0	24.7	66
21/09/2023 00:40	5.7	315	7	8.0	0.0	24.8	66
21/09/2023 00:50	5.3	315	8	7.8	0.0	24.9	67
21/09/2023 01:00	4.9	315	7	7.1	0.0	24.8	67
21/09/2023 01:10	4.7	311	10	7.1	0.0	24.8	67
21/09/2023 01:20	4.3	289	9	5.9	0.0	24.6	67
21/09/2023 01:30	5.0	288	7	6.4	0.0	24.7	67
21/09/2023 01:40	3.4	283	7	4.9	0.0	24.5	67
21/09/2023 01:50	3.4	277	7	4.7	0.0	24.2	66
21/09/2023 02:00	3.7	267	6	5.0	0.0	24.1	66
21/09/2023 02:10	3.8	271	6	4.8	0.0	24.0	66
21/09/2023 02:20	3.7	265	7	4.7	0.0	24.0	66
21/09/2023 02:30	3.9	260	7	4.8	0.0	24.0	65
21/09/2023 02:40	3.6	269	7	4.9	0.0	23.9	65
21/09/2023 02:50	3.7	269	5	5.0	0.0	23.9	65
21/09/2023 03:00	3.9	260	7	5.3	0.0	24.1	65
21/09/2023 03:10	3.3	256	9	4.8	0.0	24.0	65
21/09/2023 03:20	2.3	244	16	3.8	0.0	23.6	65
21/09/2023 03:30	2.7	248	12	4.0	0.0	23.2	63
21/09/2023 03:40	2.4	253	12	3.7	0.0	23.1	62
21/09/2023 03:50	2.6	252	13	3.9	0.0	23.1	61
21/09/2023 04:00	2.1	249	19	3.4	0.0	23.1	60
21/09/2023 04:10	2.5	256	14	3.6	0.0	23.0	59
21/09/2023 04:20	3.0	253	10	4.7	0.0	23.1	58
21/09/2023 04:30	2.8	247	11	4.1	0.0	23.1	58
21/09/2023 04:40	2.4	221	12	3.9	0.0	23.0	58
21/09/2023 04:50	2.7	229	12	4.8	0.0	23.0	57
21/09/2023 05:00	2.4	248	16	4.2	0.0	22.8	57
21/09/2023 05:10	2.2	223	13	3.9	0.0	22.9	57
21/09/2023 05:20	2.3	225	16	4.5	0.0	22.9	57
21/09/2023 05:30	2.2	242	19	3.8	0.0	22.7	57
21/09/2023 05:40	2.0	238	15	3.2	0.0	22.5	57
21/09/2023 05:50	2.4	218	15	3.5	0.0	22.6	57
21/09/2023 06:00	2.3	214	12	3.5	0.0	22.7	57
21/09/2023 06:10	2.2	214	20	3.8	0.0	22.7	57
21/09/2023 06:20	2.3	210	14	3.6	0.0	22.6	58
21/09/2023 06:30	1.9	196	11	2.5	0.0	22.6	58
21/09/2023 06:40	1.7	188	9	2.6	0.0	22.7	59
21/09/2023 06:50	1.9	191	10	2.8	0.0	22.8	60
21/09/2023 07:00	2.0	195	14	2.8	0.0	23.0	61
21/09/2023 07:10	1.8	198	12	2.7	0.0	23.3	62
21/09/2023 07:20	2.1	187	12	3.3	0.0	23.6	63
21/09/2023 07:30	2.2	184	10	3.0	0.0	23.9	65
21/09/2023 07:40	2.2	184	13	3.2	0.0	24.1	66
21/09/2023 07:50	2.3	186	14	3.3	0.0	24.4	66
21/09/2023 08:00	2.5	175	19	4.0	0.0	24.6	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/09/2023 08:10	2.7	178	19	4.7	0.0	24.9	65
21/09/2023 08:20	1.8	180	28	3.1	0.0	25.4	65
21/09/2023 08:30	2.6	172	27	4.1	0.0	25.7	63
21/09/2023 08:40	2.3	180	17	3.8	0.0	25.8	63
21/09/2023 08:50	2.4	216	24	3.9	0.0	26.3	60
21/09/2023 09:00	2.6	196	12	4.0	0.0	26.7	57
21/09/2023 09:10	3.0	196	24	5.0	0.0	27.1	56
21/09/2023 09:20	2.2	228	21	3.8	0.0	27.4	53
21/09/2023 09:30	1.9	255	28	3.5	0.0	28.1	49
21/09/2023 09:40	2.8	192	14	4.4	0.0	28.4	47
21/09/2023 09:50	2.5	262	36	4.0	0.0	28.8	44
21/09/2023 10:00	3.3	285	11	5.5	0.0	29.0	42
21/09/2023 10:10	2.5	276	20	5.3	0.0	29.3	41
21/09/2023 10:20	3.6	275	22	5.5	0.0	29.7	41
21/09/2023 10:30	3.8	282	13	5.6	0.0	29.6	37
21/09/2023 10:40	4.8	263	12	7.0	0.0	29.9	36
21/09/2023 10:50	4.8	269	12	6.7	0.0	29.8	37
21/09/2023 11:00	4.9	263	13	7.0	0.0	29.9	36
21/09/2023 11:10	5.0	256	10	7.5	0.0	29.8	36
21/09/2023 11:20	5.4	254	12	7.2	0.0	29.9	38
21/09/2023 11:30	5.3	275	11	7.5	0.0	29.6	39
21/09/2023 11:40	5.6	275	11	7.8	0.0	29.7	39
21/09/2023 11:50	5.6	275	11	7.6	0.0	29.4	41
21/09/2023 12:00	5.3	282	11	7.5	0.0	29.5	41
21/09/2023 12:10	5.9	279	7	7.7	0.0	29.7	42
21/09/2023 12:20	5.9	279	8	8.3	0.0	29.6	42
21/09/2023 12:30	5.9	280	8	7.9	0.0	29.7	41
21/09/2023 12:40	6.0	278	11	8.5	0.0	29.9	39
21/09/2023 12:50	6.2	261	9	7.8	0.0	30.2	37
21/09/2023 13:00	6.3	265	9	7.8	0.0	30.2	35
21/09/2023 13:10	6.7	265	8	8.4	0.0	29.9	36
21/09/2023 13:20	6.5	262	9	8.6	0.0	30.1	37
21/09/2023 13:30	7.0	279	7	8.5	0.0	30.0	37
21/09/2023 13:40	6.4	272	10	8.1	0.0	30.3	36
21/09/2023 13:50	7.2	275	7	8.9	0.0	30.0	34
21/09/2023 14:00	6.8	274	6	8.7	0.0	29.6	39
21/09/2023 14:10	6.2	277	9	8.0	0.0	29.7	42
21/09/2023 14:20	6.2	275	10	8.4	0.0	29.5	44
21/09/2023 14:30	6.5	279	9	9.0	0.0	29.7	43
21/09/2023 14:40	6.9	275	9	9.3	0.0	29.3	46
21/09/2023 14:50	7.2	276	6	9.0	0.0	29.1	49
21/09/2023 15:00	6.5	281	9	8.4	0.0	28.9	53
21/09/2023 15:10	6.5	281	7	8.4	0.0	28.5	57
21/09/2023 15:20	6.7	277	7	8.7	0.0	28.4	58
21/09/2023 15:30	6.3	280	7	8.1	0.0	28.5	59
21/09/2023 15:40	6.8	277	7	8.4	0.0	27.9	62
21/09/2023 15:50	6.5	277	7	8.4	0.0	27.9	61
21/09/2023 16:00	6.6	278	9	8.4	0.0	27.8	62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/09/2023 16:10	6.7	279	6	8.5	0.0	27.7	62
21/09/2023 16:20	6.7	275	6	8.5	0.0	27.4	63
21/09/2023 16:30	6.6	280	7	8.3	0.0	27.4	63
21/09/2023 16:40	6.5	279	8	8.9	0.0	27.1	65
21/09/2023 16:50	6.3	278	7	8.0	0.0	26.9	67
21/09/2023 17:00	6.0	276	7	7.5	0.0	26.7	67
21/09/2023 17:10	6.1	275	7	7.5	0.0	26.5	67
21/09/2023 17:20	5.3	276	7	7.0	0.0	26.3	67
21/09/2023 17:30	5.4	276	6	7.1	0.0	26.2	67
21/09/2023 17:40	5.2	278	6	6.6	0.0	26.2	67
21/09/2023 17:50	5.3	277	5	6.6	0.0	26.1	67
21/09/2023 18:00	5.0	275	6	6.4	0.0	26.0	67
21/09/2023 18:10	4.4	270	6	6.0	0.0	25.9	67
21/09/2023 18:20	4.5	263	7	6.2	0.0	25.9	67
21/09/2023 18:30	5.4	263	6	7.7	0.0	25.8	66
21/09/2023 18:40	4.7	262	6	6.4	0.0	25.7	66
21/09/2023 18:50	4.7	262	6	6.2	0.0	25.8	64
21/09/2023 19:00	4.0	262	6	5.9	0.0	26.0	60
21/09/2023 19:10	3.8	260	6	5.4	0.0	25.9	59
21/09/2023 19:20	3.5	266	5	4.4	0.0	25.9	60
21/09/2023 19:30	3.8	267	4	4.8	0.0	25.7	61
21/09/2023 19:40	3.8	267	3	4.6	0.0	25.7	63
21/09/2023 19:50	3.4	270	4	4.4	0.0	25.5	64
21/09/2023 20:00	3.4	269	4	4.2	0.0	25.4	63
21/09/2023 20:10	3.9	273	4	4.8	0.0	25.5	62
21/09/2023 20:20	3.7	270	4	4.6	0.0	25.6	62
21/09/2023 20:30	3.7	272	5	4.9	0.0	25.6	63
21/09/2023 20:40	3.5	272	5	4.6	0.0	25.5	65
21/09/2023 20:50	3.9	271	3	4.8	0.0	25.4	65
21/09/2023 21:00	3.6	269	3	4.4	0.0	25.4	66
21/09/2023 21:10	3.6	270	3	4.3	0.0	25.2	66
21/09/2023 21:20	3.2	267	4	4.2	0.0	25.1	67
21/09/2023 21:30	3.1	268	4	4.1	0.0	25.0	68
21/09/2023 21:40	3.4	270	4	4.2	0.0	24.8	68
21/09/2023 21:50	3.2	269	3	3.9	0.0	24.7	68
21/09/2023 22:00	3.0	265	4	3.7	0.0	24.8	68
21/09/2023 22:10	3.3	268	4	4.2	0.0	24.7	68
21/09/2023 22:20	3.4	266	4	4.2	0.0	24.7	68
21/09/2023 22:30	3.7	262	5	4.7	0.0	24.7	68
21/09/2023 22:40	3.1	259	4	4.0	0.0	24.5	69
21/09/2023 22:50	2.6	256	5	3.3	0.0	24.3	69
21/09/2023 23:00	2.7	255	6	3.7	0.0	24.2	69
21/09/2023 23:10	3.7	259	7	5.2	0.0	24.5	66
21/09/2023 23:20	3.9	263	5	5.1	0.0	24.6	65
21/09/2023 23:30	2.6	256	6	3.5	0.0	24.4	67
21/09/2023 23:40	3.4	257	4	4.6	0.0	24.2	68
21/09/2023 23:50	4.7	257	6	6.4	0.0	24.1	69
22/09/2023 00:00	5.0	256	6	7.0	0.0	24.1	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/09/2023 00:10	4.8	257	7	6.1	0.0	24.0	69
22/09/2023 00:20	4.6	258	5	6.0	0.0	23.8	69
22/09/2023 00:30	4.1	256	5	5.0	0.0	23.6	69
22/09/2023 00:40	4.5	254	7	6.0	0.0	23.3	69
22/09/2023 00:50	4.8	254	6	6.1	0.0	23.2	69
22/09/2023 01:00	5.0	255	5	6.1	0.0	23.2	70
22/09/2023 01:10	5.1	254	5	6.5	0.0	23.2	70
22/09/2023 01:20	5.7	258	5	7.2	0.0	23.2	69
22/09/2023 01:30	5.6	260	5	7.2	0.0	23.1	67
22/09/2023 01:40	5.0	261	6	6.4	0.0	23.0	67
22/09/2023 01:50	5.4	262	6	6.9	0.0	22.9	67
22/09/2023 02:00	5.4	262	6	6.8	0.0	22.9	67
22/09/2023 02:10	5.7	262	6	7.1	0.0	22.8	67
22/09/2023 02:20	5.9	263	5	7.6	0.0	22.8	67
22/09/2023 02:30	5.6	267	6	7.2	0.0	22.7	67
22/09/2023 02:40	5.4	266	6	6.8	0.0	22.7	67
22/09/2023 02:50	5.4	265	6	6.6	0.0	22.7	67
22/09/2023 03:00	5.2	265	6	7.4	0.0	22.8	67
22/09/2023 03:10	5.2	261	5	7.1	0.0	22.8	67
22/09/2023 03:20	4.7	266	6	6.0	0.0	22.7	67
22/09/2023 03:30	5.1	268	5	6.3	0.0	22.6	67
22/09/2023 03:40	4.7	259	6	6.0	0.0	22.6	66
22/09/2023 03:50	4.0	258	6	5.1	0.0	22.4	66
22/09/2023 04:00	4.2	267	5	5.2	0.0	22.3	66
22/09/2023 04:10	4.2	273	4	5.3	0.0	22.2	66
22/09/2023 04:20	4.6	272	4	5.3	0.0	22.3	67
22/09/2023 04:30	4.1	269	6	5.2	0.0	22.4	67
22/09/2023 04:40	4.5	269	4	5.5	0.0	22.4	68
22/09/2023 04:50	4.9	268	4	6.0	0.0	22.4	68
22/09/2023 05:00	4.1	268	5	5.0	0.0	22.4	68
22/09/2023 05:10	3.6	263	6	4.7	0.0	22.3	68
22/09/2023 05:20	3.4	263	6	4.0	0.0	22.4	68
22/09/2023 05:30	2.8	252	6	3.8	0.0	22.3	68
22/09/2023 05:40	4.2	252	6	5.4	0.0	22.5	68
22/09/2023 05:50	4.3	255	5	5.3	0.0	22.5	68
22/09/2023 06:00	4.0	269	5	4.7	0.0	22.4	69
22/09/2023 06:10	1.6	260	36	3.8	0.0	22.2	69
22/09/2023 06:20	2.2	186	11	3.6	0.0	22.9	68
22/09/2023 06:30	2.2	196	12	3.3	0.0	23.3	67
22/09/2023 06:40	2.1	208	9	2.8	0.0	23.2	68
22/09/2023 06:50	2.0	238	19	3.0	0.0	23.4	67
22/09/2023 07:00	2.3	227	17	3.7	0.0	23.7	66
22/09/2023 07:10	2.4	215	14	3.9	0.0	24.3	63
22/09/2023 07:20	2.0	220	20	3.7	0.0	25.0	60
22/09/2023 07:30	2.5	205	10	3.6	0.0	25.5	57
22/09/2023 07:40	2.0	201	10	3.0	0.0	25.8	55
22/09/2023 07:50	1.6	197	11	2.4	0.0	26.2	53
22/09/2023 08:00	1.6	198	12	2.3	0.0	26.4	52



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/09/2023 08:10	1.6	168	30	2.4	0.0	27.2	49
22/09/2023 08:20	1.9	205	9	2.7	0.0	27.3	48
22/09/2023 08:30	1.9	185	17	2.9	0.0	27.6	46
22/09/2023 08:40	1.7	129	24	2.7	0.0	28.6	45
22/09/2023 08:50	1.9	108	15	2.9	0.0	28.8	45
22/09/2023 09:00	2.1	99	16	3.5	0.0	28.8	46
22/09/2023 09:10	1.3	152	30	2.4	0.0	29.2	44
22/09/2023 09:20	1.4	156	56	2.5	0.0	29.2	44
22/09/2023 09:30	1.7	165	24	3.3	0.0	29.7	42
22/09/2023 09:40	1.5	199	27	2.7	0.0	29.8	42
22/09/2023 09:50	1.5	115	55	2.5	0.0	30.2	40
22/09/2023 10:00	1.9	88	29	3.5	0.0	31.2	38
22/09/2023 10:10	1.8	78	16	2.8	0.0	31.6	38
22/09/2023 10:20	1.7	67	23	3.2	0.0	31.7	37
22/09/2023 10:30	1.4	186	53	2.6	0.0	32.4	35
22/09/2023 10:40	2.0	323	45	4.2	0.0	33.0	33
22/09/2023 10:50	2.0	299	39	3.4	0.0	32.9	33
22/09/2023 11:00	2.4	292	40	4.4	0.0	32.7	35
22/09/2023 11:10	2.5	266	25	4.0	0.0	33.2	28
22/09/2023 11:20	2.7	278	25	4.8	0.0	33.3	28
22/09/2023 11:30	3.1	301	37	5.2	0.0	33.2	32
22/09/2023 11:40	2.5	298	28	4.3	0.0	32.8	32
22/09/2023 11:50	3.0	314	19	4.5	0.0	33.3	31
22/09/2023 12:00	3.2	324	12	4.6	0.0	33.3	31
22/09/2023 12:10	3.2	333	11	4.5	0.0	33.3	31
22/09/2023 12:20	3.1	330	12	4.3	0.0	33.2	32
22/09/2023 12:30	3.2	328	12	4.3	0.0	32.9	34
22/09/2023 12:40	3.2	334	13	4.5	0.0	32.6	35
22/09/2023 12:50	3.5	327	9	4.9	0.0	32.5	37
22/09/2023 13:00	3.2	324	8	4.6	0.0	32.5	35
22/09/2023 13:10	3.7	336	11	4.7	0.0	32.5	35
22/09/2023 13:20	3.7	333	10	4.9	0.0	32.7	37
22/09/2023 13:30	4.0	336	10	5.2	0.0	32.3	41
22/09/2023 13:40	3.9	321	12	5.4	0.0	32.2	43
22/09/2023 13:50	4.1	292	14	6.0	0.0	32.9	37
22/09/2023 14:00	4.7	292	8	6.1	0.0	32.6	35
22/09/2023 14:10	4.2	298	11	5.7	0.0	32.7	36
22/09/2023 14:20	4.4	291	11	6.4	0.0	32.9	33
22/09/2023 14:30	5.1	268	12	7.4	0.0	33.2	32
22/09/2023 14:40	5.2	274	13	7.2	0.0	33.0	32
22/09/2023 14:50	5.4	274	10	7.6	0.0	33.2	32
22/09/2023 15:00	5.3	278	9	7.2	0.0	32.9	35
22/09/2023 15:10	5.5	278	8	7.4	0.0	33.2	32
22/09/2023 15:20	5.8	281	7	7.5	0.0	33.2	31
22/09/2023 15:30	5.2	271	9	6.8	0.0	33.5	30
22/09/2023 15:40	5.9	265	7	7.5	0.0	32.5	36
22/09/2023 15:50	5.3	264	11	7.0	0.0	31.5	43
22/09/2023 16:00	4.9	265	10	6.8	0.0	31.8	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/09/2023 16:10	5.2	259	7	6.9	0.0	31.7	36
22/09/2023 16:20	5.4	272	9	6.8	0.0	31.4	39
22/09/2023 16:30	5.5	268	7	7.0	0.0	31.0	43
22/09/2023 16:40	5.3	278	5	6.3	0.0	30.9	45
22/09/2023 16:50	5.1	277	8	6.4	0.0	30.8	48
22/09/2023 17:00	4.9	275	8	6.2	0.0	30.5	52
22/09/2023 17:10	5.1	273	7	6.6	0.0	29.9	53
22/09/2023 17:20	5.7	272	5	6.9	0.0	29.1	58
22/09/2023 17:30	4.9	269	7	6.2	0.0	28.6	62
22/09/2023 17:40	5.0	276	7	6.4	0.0	28.5	62
22/09/2023 17:50	4.9	268	6	6.3	0.0	28.2	64
22/09/2023 18:00	4.3	275	7	5.4	0.0	28.0	64
22/09/2023 18:10	3.9	273	7	5.1	0.0	27.9	62
22/09/2023 18:20	4.3	271	7	5.6	0.0	28.0	61
22/09/2023 18:30	4.6	271	8	6.2	0.0	27.9	60
22/09/2023 18:40	4.9	267	6	6.3	0.0	27.8	59
22/09/2023 18:50	5.8	265	4	6.9	0.0	27.8	60
22/09/2023 19:00	4.9	271	5	6.2	0.0	27.6	63
22/09/2023 19:10	3.5	269	6	4.3	0.0	27.5	64
22/09/2023 19:20	3.7	266	5	4.3	0.0	27.4	65
22/09/2023 19:30	3.4	269	5	4.2	0.0	27.3	66
22/09/2023 19:40	3.7	268	5	4.5	0.0	27.2	66
22/09/2023 19:50	4.0	270	4	4.8	0.0	27.1	67
22/09/2023 20:00	4.0	272	5	5.2	0.0	27.1	66
22/09/2023 20:10	4.0	271	5	4.9	0.0	27.0	67
22/09/2023 20:20	4.2	277	5	5.8	0.0	26.9	68
22/09/2023 20:30	4.2	277	5	5.2	0.0	26.9	68
22/09/2023 20:40	4.3	272	4	5.4	0.0	26.8	68
22/09/2023 20:50	4.3	260	4	5.3	0.0	26.7	69
22/09/2023 21:00	4.8	263	5	6.0	0.0	26.5	69
22/09/2023 21:10	4.4	267	5	5.5	0.0	26.6	69
22/09/2023 21:20	4.3	259	6	5.9	0.0	26.4	69
22/09/2023 21:30	4.3	260	6	5.9	0.0	26.3	69
22/09/2023 21:40	5.1	264	5	6.4	0.0	26.4	68
22/09/2023 21:50	5.1	264	4	6.5	0.0	26.3	68
22/09/2023 22:00	5.0	270	5	6.6	0.0	26.3	68
22/09/2023 22:10	4.8	265	4	6.2	0.0	26.3	68
22/09/2023 22:20	4.1	271	4	5.1	0.0	26.1	67
22/09/2023 22:30	4.6	265	6	6.1	0.0	26.5	60
22/09/2023 22:40	4.6	275	3	5.6	0.0	26.6	57
22/09/2023 22:50	5.1	274	4	6.3	0.0	26.6	53
22/09/2023 23:00	5.2	269	5	6.3	0.0	26.7	53
22/09/2023 23:10	4.3	269	4	5.8	0.0	26.4	55
22/09/2023 23:20	4.1	271	3	5.5	0.0	26.2	55
22/09/2023 23:30	4.4	269	5	5.5	0.0	26.2	55
22/09/2023 23:40	4.6	278	5	6.2	0.0	26.3	55
22/09/2023 23:50	4.6	271	4	6.3	0.0	26.1	55
23/09/2023 00:00	5.3	271	5	6.9	0.0	26.3	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/09/2023 00:10	4.9	270	4	6.3	0.0	26.2	52
23/09/2023 00:20	4.3	268	5	5.7	0.0	26.0	53
23/09/2023 00:30	4.6	275	6	5.8	0.0	25.8	53
23/09/2023 00:40	4.5	276	5	5.9	0.0	25.7	54
23/09/2023 00:50	4.6	274	4	5.6	0.0	25.6	55
23/09/2023 01:00	4.9	274	4	6.2	0.0	25.5	56
23/09/2023 01:10	5.7	272	4	6.9	0.0	25.5	56
23/09/2023 01:20	5.1	265	5	6.5	0.0	25.6	57
23/09/2023 01:30	4.2	260	6	5.6	0.0	25.4	56
23/09/2023 01:40	4.1	266	4	5.1	0.0	25.3	54
23/09/2023 01:50	4.2	269	5	5.4	0.0	25.3	53
23/09/2023 02:00	4.6	270	4	5.6	0.0	25.4	52
23/09/2023 02:10	3.7	271	5	4.9	0.0	25.3	54
23/09/2023 02:20	3.6	269	5	5.0	0.0	25.2	54
23/09/2023 02:30	3.6	269	5	4.8	0.0	25.2	54
23/09/2023 02:40	4.2	272	5	5.5	0.0	25.3	51
23/09/2023 02:50	4.6	274	5	5.8	0.0	25.4	47
23/09/2023 03:00	4.8	277	5	5.8	0.0	25.7	43
23/09/2023 03:10	4.1	276	5	5.4	0.0	25.8	42
23/09/2023 03:20	3.3	276	7	4.4	0.0	25.6	42
23/09/2023 03:30	3.8	279	7	5.2	0.0	25.7	41
23/09/2023 03:40	3.8	278	6	5.0	0.0	25.7	41
23/09/2023 03:50	3.8	278	6	5.0	0.0	25.9	41
23/09/2023 04:00	2.7	273	12	4.3	0.0	25.6	41
23/09/2023 04:10	1.8	251	23	3.1	0.0	25.4	42
23/09/2023 04:20	1.5	263	18	2.7	0.0	25.2	41
23/09/2023 04:30	1.5	248	23	2.3	0.0	25.4	40
23/09/2023 04:40	1.5	239	29	3.2	0.0	25.7	39
23/09/2023 04:50	2.0	259	30	3.2	0.0	25.6	39
23/09/2023 05:00	2.2	273	14	3.8	0.0	25.5	39
23/09/2023 05:10	2.4	269	16	4.3	0.0	25.4	39
23/09/2023 05:20	2.9	276	10	4.1	0.0	25.5	39
23/09/2023 05:30	3.3	276	8	5.0	0.0	25.7	38
23/09/2023 05:40	2.7	272	14	4.2	0.0	25.5	38
23/09/2023 05:50	1.2	242	33	2.0	0.0	25.3	38
23/09/2023 06:00	1.2	252	28	2.4	0.0	25.4	38
23/09/2023 06:10	1.4	257	26	2.4	0.0	25.0	39
23/09/2023 06:20	1.7	259	32	3.5	0.0	25.2	38
23/09/2023 06:30	1.8	264	25	3.2	0.0	25.6	37
23/09/2023 06:40	1.9	272	18	3.5	0.0	26.2	36
23/09/2023 06:50	1.2	261	33	2.3	0.0	26.2	36
23/09/2023 07:00	1.7	276	19	2.9	0.0	26.6	35
23/09/2023 07:10	1.9	273	14	2.8	0.0	27.0	33
23/09/2023 07:20	2.4	279	10	3.7	0.0	27.3	33
23/09/2023 07:30	2.4	270	10	3.2	0.0	27.7	32
23/09/2023 07:40	3.1	274	7	4.0	0.0	28.1	31
23/09/2023 07:50	2.9	263	8	3.9	0.0	28.3	31
23/09/2023 08:00	1.9	245	21	2.9	0.0	28.8	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/09/2023 08:10	1.9	257	20	3.2	0.0	29.3	29
23/09/2023 08:20	2.5	214	20	4.0	0.0	29.7	27
23/09/2023 08:30	3.5	212	13	5.0	0.0	29.9	26
23/09/2023 08:40	3.5	211	10	5.2	0.0	30.0	27
23/09/2023 08:50	3.6	208	11	5.6	0.0	30.2	27
23/09/2023 09:00	3.1	215	14	4.8	0.0	30.7	26
23/09/2023 09:10	3.4	251	11	5.5	0.0	31.4	26
23/09/2023 09:20	3.0	229	19	4.9	0.0	31.8	25
23/09/2023 09:30	3.2	234	15	4.8	0.0	32.3	25
23/09/2023 09:40	3.0	228	22	4.7	0.0	32.6	24
23/09/2023 09:50	3.4	226	21	5.2	0.0	32.9	23
23/09/2023 10:00	3.3	199	25	4.9	0.0	33.4	23
23/09/2023 10:10	3.2	212	18	5.2	0.0	33.7	23
23/09/2023 10:20	3.6	203	16	5.9	0.0	34.1	22
23/09/2023 10:30	2.9	240	23	5.1	0.0	34.7	23
23/09/2023 10:40	2.8	240	24	4.8	0.0	34.5	24
23/09/2023 10:50	2.9	227	24	5.9	0.0	34.6	24
23/09/2023 11:00	3.0	239	20	4.3	0.0	35.1	24
23/09/2023 11:10	3.8	253	15	5.8	0.0	35.1	24
23/09/2023 11:20	4.1	272	12	5.4	0.0	34.9	26
23/09/2023 11:30	3.8	268	11	5.1	0.0	35.0	27
23/09/2023 11:40	4.1	282	10	5.7	0.0	34.7	29
23/09/2023 11:50	4.9	279	9	6.4	0.0	34.6	31
23/09/2023 12:00	5.4	278	9	7.0	0.0	34.0	32
23/09/2023 12:10	5.0	279	9	6.5	0.0	34.2	31
23/09/2023 12:20	4.5	282	11	6.4	0.0	34.4	31
23/09/2023 12:30	5.3	267	10	7.4	0.0	34.5	27
23/09/2023 12:40	5.9	270	8	7.4	0.0	34.4	24
23/09/2023 12:50	6.3	268	9	8.1	0.0	34.2	25
23/09/2023 13:00	5.8	274	9	7.9	0.0	34.4	27
23/09/2023 13:10	6.4	273	7	8.1	0.0	33.7	31
23/09/2023 13:20	6.7	277	8	8.4	0.0	33.4	33
23/09/2023 13:30	7.3	274	8	9.3	0.0	33.0	34
23/09/2023 13:40	7.2	279	6	8.9	0.0	33.2	35
23/09/2023 13:50	7.4	281	6	9.3	0.0	33.4	35
23/09/2023 14:00	7.8	278	5	9.4	0.0	33.4	35
23/09/2023 14:10	7.9	276	5	9.6	0.0	33.5	35
23/09/2023 14:20	7.1	273	7	9.3	0.0	33.3	40
23/09/2023 14:30	7.4	275	7	9.7	0.0	32.6	42
23/09/2023 14:40	7.0	275	6	9.3	0.0	32.8	41
23/09/2023 14:50	7.1	271	8	9.0	0.0	32.6	43
23/09/2023 15:00	6.9	278	6	8.7	0.0	32.5	44
23/09/2023 15:10	8.0	269	6	10.0	0.0	32.1	44
23/09/2023 15:20	7.7	273	7	9.8	0.0	32.0	46
23/09/2023 15:30	7.4	276	7	9.4	0.0	32.0	45
23/09/2023 15:40	7.6	277	6	9.8	0.0	31.7	47
23/09/2023 15:50	7.2	264	6	9.5	0.0	31.6	47
23/09/2023 16:00	7.4	267	7	9.7	0.0	31.2	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/09/2023 16:10	7.3	269	7	10.2	0.0	31.3	48
23/09/2023 16:20	8.1	274	6	10.3	0.0	31.1	47
23/09/2023 16:30	7.9	273	6	10.0	0.0	30.8	49
23/09/2023 16:40	8.0	271	8	10.7	0.0	30.6	50
23/09/2023 16:50	8.1	274	6	10.3	0.0	30.4	51
23/09/2023 17:00	7.2	276	8	10.1	0.0	30.4	52
23/09/2023 17:10	7.4	279	7	10.2	0.0	29.8	54
23/09/2023 17:20	7.8	277	7	9.9	0.0	29.6	55
23/09/2023 17:30	6.8	271	8	8.9	0.0	29.7	54
23/09/2023 17:40	6.5	277	7	8.8	0.0	29.6	55
23/09/2023 17:50	6.6	271	7	8.5	0.0	29.2	56
23/09/2023 18:00	5.9	273	7	8.6	0.0	29.0	57
23/09/2023 18:10	5.8	274	8	8.2	0.0	28.8	57
23/09/2023 18:20	5.4	274	7	7.4	0.0	28.6	59
23/09/2023 18:30	6.1	277	6	8.2	0.0	28.4	60
23/09/2023 18:40	5.5	277	6	7.6	0.0	28.3	60
23/09/2023 18:50	5.3	275	6	7.4	0.0	28.4	60
23/09/2023 19:00	5.4	271	6	7.6	0.0	28.4	59
23/09/2023 19:10	5.2	269	7	6.8	0.0	28.5	58
23/09/2023 19:20	5.1	267	7	6.8	0.0	28.3	60
23/09/2023 19:30	4.8	265	7	6.7	0.0	28.4	58
23/09/2023 19:40	4.6	265	8	6.0	0.0	28.5	56
23/09/2023 19:50	4.4	266	7	5.9	0.0	28.4	58
23/09/2023 20:00	5.5	263	8	7.3	0.0	28.4	56
23/09/2023 20:10	5.2	266	8	7.2	0.0	28.5	54
23/09/2023 20:20	5.7	264	6	7.5	0.0	28.3	56
23/09/2023 20:30	5.4	270	6	7.3	0.0	28.4	54
23/09/2023 20:40	5.0	268	6	6.6	0.0	28.4	53
23/09/2023 20:50	4.6	258	7	6.0	0.0	28.6	48
23/09/2023 21:00	4.7	260	7	5.8	0.0	28.7	45
23/09/2023 21:10	4.9	262	7	6.4	0.0	29.0	40
23/09/2023 21:20	5.4	257	7	7.1	0.0	29.4	37
23/09/2023 21:30	4.5	253	8	6.0	0.0	29.5	37
23/09/2023 21:40	4.6	258	7	5.8	0.0	29.4	36
23/09/2023 21:50	4.5	255	7	6.2	0.0	29.5	35
23/09/2023 22:00	4.3	246	11	7.1	0.0	30.0	33
23/09/2023 22:10	5.9	233	11	8.2	0.0	30.8	33
23/09/2023 22:20	5.5	235	9	8.2	0.0	30.6	34
23/09/2023 22:30	5.5	227	9	7.7	0.0	30.6	36
23/09/2023 22:40	5.5	216	9	7.4	0.0	30.6	34
23/09/2023 22:50	5.6	224	10	8.4	0.0	30.7	35
23/09/2023 23:00	6.1	215	8	8.3	0.0	30.6	32
23/09/2023 23:10	6.4	213	7	9.5	0.0	30.5	30
23/09/2023 23:20	6.2	213	8	8.3	0.0	30.4	29
23/09/2023 23:30	5.3	209	8	6.9	0.0	30.2	28
23/09/2023 23:40	5.7	209	8	7.8	0.0	30.2	26
23/09/2023 23:50	5.5	209	8	8.1	0.0	29.9	27
24/09/2023 00:00	5.7	209	8	8.0	0.0	30.0	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/09/2023 00:10	5.8	206	8	8.6	0.0	29.8	26
24/09/2023 00:20	6.1	207	7	8.9	0.0	29.8	26
24/09/2023 00:30	5.9	206	8	8.4	0.0	29.7	26
24/09/2023 00:40	6.5	205	9	9.3	0.0	29.8	25
24/09/2023 00:50	6.6	204	9	9.3	0.0	29.7	25
24/09/2023 01:00	7.0	204	9	10.2	0.0	29.7	25
24/09/2023 01:10	6.7	206	8	9.1	0.0	29.5	26
24/09/2023 01:20	6.1	206	9	8.9	0.0	29.4	26
24/09/2023 01:30	6.1	204	7	8.1	0.0	29.3	26
24/09/2023 01:40	5.7	203	8	7.6	0.0	29.2	26
24/09/2023 01:50	5.5	202	8	8.2	0.0	29.0	26
24/09/2023 02:00	4.8	202	8	6.8	0.0	29.0	26
24/09/2023 02:10	5.1	200	9	7.4	0.0	29.1	26
24/09/2023 02:20	5.0	198	9	7.5	0.0	29.1	26
24/09/2023 02:30	5.1	197	10	7.7	0.0	29.0	26
24/09/2023 02:40	5.3	192	11	9.4	0.0	29.1	26
24/09/2023 02:50	5.1	194	10	7.4	0.0	28.8	26
24/09/2023 03:00	4.6	191	9	6.7	0.0	28.8	26
24/09/2023 03:10	4.3	187	10	6.7	0.0	28.6	27
24/09/2023 03:20	4.3	189	11	7.4	0.0	28.5	27
24/09/2023 03:30	4.5	190	9	7.3	0.0	28.3	27
24/09/2023 03:40	4.7	188	9	7.0	0.0	28.3	27
24/09/2023 03:50	4.0	188	11	6.6	0.0	28.3	27
24/09/2023 04:00	3.8	188	11	6.4	0.0	28.2	27
24/09/2023 04:10	3.7	186	11	5.8	0.0	28.1	27
24/09/2023 04:20	4.1	180	11	6.2	0.0	28.2	28
24/09/2023 04:30	4.0	184	12	5.5	0.0	28.2	27
24/09/2023 04:40	3.5	181	10	5.5	0.0	27.8	28
24/09/2023 04:50	3.4	180	11	5.2	0.0	27.9	28
24/09/2023 05:00	3.6	179	9	5.0	0.0	27.8	28
24/09/2023 05:10	3.3	181	10	4.6	0.0	27.5	28
24/09/2023 05:20	2.5	184	12	3.7	0.0	27.1	28
24/09/2023 05:30	2.1	191	15	3.4	0.0	26.9	29
24/09/2023 05:40	2.0	189	15	3.1	0.0	26.8	29
24/09/2023 05:50	1.8	190	17	3.0	0.0	26.8	29
24/09/2023 06:00	1.9	188	19	3.4	0.0	26.6	29
24/09/2023 06:10	1.6	199	19	2.8	0.0	26.6	29
24/09/2023 06:20	2.1	190	14	3.3	0.0	26.8	29
24/09/2023 06:30	1.5	196	19	2.8	0.0	26.8	29
24/09/2023 06:40	1.7	199	15	2.9	0.0	27.0	29
24/09/2023 06:50	2.1	221	18	3.3	0.0	27.5	28
24/09/2023 07:00	1.5	275	20	2.4	0.0	27.7	28
24/09/2023 07:10	1.2	283	27	2.1	0.0	28.0	29
24/09/2023 07:20	1.0	227	37	1.8	0.0	28.5	28
24/09/2023 07:30	1.5	186	47	2.4	0.0	29.2	27
24/09/2023 07:40	1.9	189	15	3.1	0.0	29.4	27
24/09/2023 07:50	2.6	181	11	4.0	0.0	29.6	26
24/09/2023 08:00	1.9	172	18	3.2	0.0	29.9	26



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/09/2023 08:10	1.3	141	35	3.1	0.0	31.0	24
24/09/2023 08:20	1.7	129	18	2.7	0.0	31.6	23
24/09/2023 08:30	2.3	132	18	3.9	0.0	31.7	23
24/09/2023 08:40	2.0	133	19	3.5	0.0	31.7	23
24/09/2023 08:50	2.9	124	13	4.8	0.0	31.9	23
24/09/2023 09:00	2.7	140	21	4.5	0.0	31.8	23
24/09/2023 09:10	2.5	137	14	4.7	0.0	31.9	23
24/09/2023 09:20	2.5	137	15	4.1	0.0	32.4	23
24/09/2023 09:30	2.4	133	18	4.2	0.0	32.9	22
24/09/2023 09:40	2.5	138	13	4.1	0.0	33.1	22
24/09/2023 09:50	2.6	117	15	4.5	0.0	33.8	21
24/09/2023 10:00	2.2	120	17	3.7	0.0	34.3	21
24/09/2023 10:10	2.8	105	17	4.6	0.0	34.4	20
24/09/2023 10:20	2.4	121	21	3.7	0.0	34.8	19
24/09/2023 10:30	2.3	136	21	3.9	0.0	35.3	19
24/09/2023 10:40	2.3	110	19	3.7	0.0	35.9	18
24/09/2023 10:50	2.3	123	27	3.7	0.0	36.4	18
24/09/2023 11:00	2.3	108	26	4.2	0.0	36.4	18
24/09/2023 11:10	2.2	108	17	3.8	0.0	36.8	18
24/09/2023 11:20	2.4	285	31	4.1	0.0	36.1	21
24/09/2023 11:30	4.1	263	9	5.5	0.0	35.7	23
24/09/2023 11:40	3.4	276	12	4.6	0.0	35.8	22
24/09/2023 11:50	2.6	248	21	4.1	0.0	36.0	22
24/09/2023 12:00	2.2	263	30	3.8	0.0	36.3	22
24/09/2023 12:10	3.1	333	19	5.2	0.0	36.3	23
24/09/2023 12:20	3.8	333	12	5.3	0.0	35.0	26
24/09/2023 12:30	4.0	333	9	5.1	0.0	35.0	25
24/09/2023 12:40	4.4	336	11	5.9	0.0	35.2	24
24/09/2023 12:50	4.7	337	10	6.0	0.0	34.7	25
24/09/2023 13:00	4.4	331	12	6.0	0.0	34.9	25
24/09/2023 13:10	4.7	323	14	5.8	0.0	34.5	27
24/09/2023 13:20	5.0	301	8	6.7	0.0	33.9	31
24/09/2023 13:30	4.7	295	13	6.6	0.0	33.7	34
24/09/2023 13:40	4.7	285	9	6.5	0.0	33.5	41
24/09/2023 13:50	5.8	274	9	7.3	0.0	32.7	46
24/09/2023 14:00	6.4	271	8	8.2	0.0	31.8	47
24/09/2023 14:10	6.4	273	7	7.9	0.0	31.8	45
24/09/2023 14:20	6.0	273	7	7.7	0.0	31.9	45
24/09/2023 14:30	6.3	272	8	7.8	0.0	32.1	44
24/09/2023 14:40	6.8	269	9	8.3	0.0	32.2	42
24/09/2023 14:50	7.2	264	10	8.8	0.0	32.0	41
24/09/2023 15:00	7.6	266	8	9.6	0.0	31.8	43
24/09/2023 15:10	7.7	266	9	10.3	0.0	31.7	39
24/09/2023 15:20	7.7	271	7	9.7	0.0	31.9	39
24/09/2023 15:30	8.1	275	7	10.9	0.0	32.1	34
24/09/2023 15:40	9.1	273	5	11.6	0.0	31.4	36
24/09/2023 15:50	9.0	276	6	11.1	0.0	31.1	36
24/09/2023 16:00	8.0	275	8	10.5	0.0	31.4	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/09/2023 16:10	8.7	275	7	11.6	0.0	30.8	39
24/09/2023 16:20	8.6	277	6	10.6	0.0	30.0	47
24/09/2023 16:30	7.8	274	6	10.0	0.0	29.3	53
24/09/2023 16:40	7.5	271	7	9.5	0.0	29.5	52
24/09/2023 16:50	7.0	269	7	9.3	0.0	29.5	52
24/09/2023 17:00	7.6	270	7	9.7	0.0	29.3	52
24/09/2023 17:10	7.3	273	7	9.6	0.0	28.9	54
24/09/2023 17:20	6.2	269	7	8.0	0.0	29.0	55
24/09/2023 17:30	6.0	273	7	7.5	0.0	29.2	52
24/09/2023 17:40	5.2	267	8	6.9	0.0	29.2	53
24/09/2023 17:50	6.0	263	7	8.4	0.0	29.2	50
24/09/2023 18:00	6.9	265	7	9.1	0.0	28.8	52
24/09/2023 18:10	7.0	269	6	8.8	0.0	28.4	55
24/09/2023 18:20	6.8	272	6	8.7	0.0	28.4	56
24/09/2023 18:30	6.3	269	6	9.2	0.0	28.1	59
24/09/2023 18:40	7.1	268	6	9.1	0.0	27.7	63
24/09/2023 18:50	6.6	266	5	8.4	0.0	27.5	64
24/09/2023 19:00	6.6	268	6	8.4	0.0	27.6	61
24/09/2023 19:10	6.5	267	5	8.5	0.0	27.5	61
24/09/2023 19:20	7.0	261	6	9.4	0.0	27.6	59
24/09/2023 19:30	7.6	261	6	10.2	0.0	27.5	60
24/09/2023 19:40	7.4	261	6	9.6	0.0	27.3	61
24/09/2023 19:50	7.8	261	6	10.1	0.0	27.1	62
24/09/2023 20:00	7.8	262	6	10.0	0.0	26.9	63
24/09/2023 20:10	8.2	268	4	10.7	0.0	26.9	63
24/09/2023 20:20	7.6	268	6	9.9	0.0	26.8	62
24/09/2023 20:30	7.6	270	5	9.7	0.0	26.8	61
24/09/2023 20:40	8.2	269	5	10.2	0.0	27.0	57
24/09/2023 20:50	7.8	265	5	10.3	0.0	26.9	56
24/09/2023 21:00	7.1	266	5	9.0	0.0	26.8	56
24/09/2023 21:10	6.8	266	5	8.1	0.0	26.7	57
24/09/2023 21:20	7.0	267	5	8.9	0.0	26.6	58
24/09/2023 21:30	6.9	264	6	9.0	0.0	26.5	58
24/09/2023 21:40	6.9	263	6	9.4	0.0	26.4	56
24/09/2023 21:50	6.9	263	6	8.9	0.0	26.4	53
24/09/2023 22:00	7.2	265	6	9.5	0.0	26.4	50
24/09/2023 22:10	7.7	261	7	10.2	0.0	26.4	49
24/09/2023 22:20	7.7	261	6	9.9	0.0	26.3	50
24/09/2023 22:30	7.0	262	7	9.8	0.0	26.2	50
24/09/2023 22:40	7.6	261	6	9.7	0.0	26.1	51
24/09/2023 22:50	8.0	260	6	10.4	0.0	25.9	54
24/09/2023 23:00	7.2	259	6	9.5	0.0	25.6	56
24/09/2023 23:10	8.1	261	6	10.3	0.0	25.5	57
24/09/2023 23:20	8.1	260	7	10.7	0.0	25.4	59
24/09/2023 23:30	7.4	255	7	9.7	0.0	25.2	60
24/09/2023 23:40	8.2	262	6	11.0	0.0	25.0	60
24/09/2023 23:50	8.0	262	6	10.4	0.0	24.9	60
25/09/2023 00:00	7.6	261	6	10.1	0.0	24.8	60



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/09/2023 00:10	7.5	265	5	9.2	0.0	24.7	60
25/09/2023 00:20	8.0	265	7	10.0	0.0	24.7	60
25/09/2023 00:30	7.6	263	6	9.7	0.0	24.6	61
25/09/2023 00:40	7.2	262	6	9.2	0.0	24.5	61
25/09/2023 00:50	7.0	259	6	9.2	0.0	24.4	62
25/09/2023 01:00	6.7	261	7	8.7	0.0	24.3	62
25/09/2023 01:10	7.0	261	7	8.7	0.0	24.2	61
25/09/2023 01:20	6.6	258	6	8.4	0.0	24.2	61
25/09/2023 01:30	6.4	259	6	8.8	0.0	24.1	61
25/09/2023 01:40	6.8	263	5	8.9	0.0	24.0	61
25/09/2023 01:50	7.1	261	6	9.2	0.0	24.0	61
25/09/2023 02:00	7.1	259	5	9.0	0.0	23.9	61
25/09/2023 02:10	6.9	260	7	9.1	0.0	23.8	60
25/09/2023 02:20	7.0	261	6	9.0	0.0	23.7	60
25/09/2023 02:30	7.1	264	5	9.3	0.0	23.6	60
25/09/2023 02:40	7.3	263	6	9.2	0.0	23.5	59
25/09/2023 02:50	6.9	260	6	8.7	0.0	23.4	60
25/09/2023 03:00	7.0	261	5	8.6	0.0	23.3	59
25/09/2023 03:10	6.5	262	5	8.5	0.0	23.2	59
25/09/2023 03:20	5.9	263	5	7.6	0.0	23.1	59
25/09/2023 03:30	5.9	265	5	7.2	0.0	23.0	59
25/09/2023 03:40	6.4	266	4	7.7	0.0	23.0	59
25/09/2023 03:50	6.5	265	5	7.9	0.0	23.0	59
25/09/2023 04:00	6.5	264	4	8.3	0.0	22.9	59
25/09/2023 04:10	6.2	261	5	8.0	0.0	22.9	59
25/09/2023 04:20	5.7	256	6	7.2	0.0	22.8	59
25/09/2023 04:30	5.7	256	7	7.7	0.0	22.8	58
25/09/2023 04:40	5.5	254	7	7.4	0.0	22.9	57
25/09/2023 04:50	5.7	256	7	7.8	0.0	23.0	57
25/09/2023 05:00	5.6	257	6	7.4	0.0	22.8	57
25/09/2023 05:10	5.4	256	6	7.0	0.0	22.7	57
25/09/2023 05:20	5.4	257	6	6.9	0.0	22.7	56
25/09/2023 05:30	5.5	256	7	7.5	0.0	22.8	55
25/09/2023 05:40	5.3	256	8	7.4	0.0	22.9	54
25/09/2023 05:50	5.5	253	7	7.5	0.0	22.9	54
25/09/2023 06:00	5.0	255	8	6.8	0.0	22.9	54
25/09/2023 06:10	4.8	262	6	6.5	0.0	22.7	54
25/09/2023 06:20	4.9	265	6	6.6	0.0	22.7	54
25/09/2023 06:30	5.2	263	5	6.6	0.0	22.8	54
25/09/2023 06:40	4.8	259	7	6.1	0.0	22.8	54
25/09/2023 06:50	4.1	260	7	5.8	0.0	23.0	54
25/09/2023 07:00	4.4	263	7	5.7	0.0	23.2	54
25/09/2023 07:10	4.4	259	7	6.0	0.0	23.5	53
25/09/2023 07:20	4.3	259	8	5.6	0.0	23.9	51
25/09/2023 07:30	5.0	253	10	7.1	0.0	24.6	47
25/09/2023 07:40	4.6	245	12	7.1	0.0	25.2	45
25/09/2023 07:50	5.0	251	7	6.5	0.0	25.5	44
25/09/2023 08:00	5.7	253	8	7.5	0.0	25.6	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/09/2023 08:10	5.2	248	12	7.0	0.0	26.0	42
25/09/2023 08:20	5.1	247	10	6.6	0.0	26.1	42
25/09/2023 08:30	4.8	241	11	7.3	0.0	26.4	42
25/09/2023 08:40	5.3	244	10	7.5	0.0	26.8	41
25/09/2023 08:50	5.9	246	10	8.0	0.0	27.3	39
25/09/2023 09:00	6.0	244	10	8.9	0.0	27.8	37
25/09/2023 09:10	6.8	244	10	9.7	0.0	28.3	36
25/09/2023 09:20	6.3	239	9	8.6	0.0	28.6	35
25/09/2023 09:30	6.7	238	9	9.1	0.0	29.1	34
25/09/2023 09:40	7.6	227	9	9.7	0.0	29.4	34
25/09/2023 09:50	7.2	235	11	10.1	0.0	29.9	32
25/09/2023 10:00	6.8	234	11	9.2	0.0	30.2	32
25/09/2023 10:10	6.7	245	11	9.0	0.0	30.6	31
25/09/2023 10:20	6.3	233	11	9.0	0.0	30.8	31
25/09/2023 10:30	7.0	243	14	9.2	0.0	30.9	31
25/09/2023 10:40	7.0	242	13	9.8	0.0	31.5	30
25/09/2023 10:50	6.8	247	12	9.9	0.0	31.8	30
25/09/2023 11:00	6.9	239	9	10.3	0.0	31.8	30
25/09/2023 11:10	6.8	245	12	10.1	0.0	32.2	30
25/09/2023 11:20	5.7	247	13	8.5	0.0	32.3	33
25/09/2023 11:30	6.6	277	9	8.9	0.0	31.4	40
25/09/2023 11:40	6.1	273	12	9.3	0.0	31.6	39
25/09/2023 11:50	6.6	277	14	8.8	0.0	31.4	40
25/09/2023 12:00	7.2	285	8	9.4	0.0	31.2	42
25/09/2023 12:10	7.8	284	6	9.7	0.0	31.0	42
25/09/2023 12:20	8.2	285	7	10.3	0.0	30.6	45
25/09/2023 12:30	7.8	278	8	10.2	0.0	30.8	44
25/09/2023 12:40	7.9	273	8	10.0	0.0	31.0	43
25/09/2023 12:50	8.2	271	8	10.6	0.0	31.0	43
25/09/2023 13:00	7.6	274	9	10.3	0.0	31.2	43
25/09/2023 13:10	7.7	277	7	10.0	0.0	31.1	43
25/09/2023 13:20	7.9	277	8	10.5	0.0	30.9	45
25/09/2023 13:30	8.5	278	7	10.5	0.0	30.3	47
25/09/2023 13:40	9.1	272	6	11.2	0.0	30.0	49
25/09/2023 13:50	8.4	267	7	10.3	0.0	29.3	52
25/09/2023 14:00	7.2	267	10	9.7	0.0	30.0	51
25/09/2023 14:10	8.2	268	8	10.9	0.0	29.8	51
25/09/2023 14:20	8.4	272	7	10.6	0.0	29.6	53
25/09/2023 14:30	7.8	268	8	10.2	0.0	29.6	53
25/09/2023 14:40	7.9	273	8	10.2	0.0	29.6	54
25/09/2023 14:50	8.8	269	6	11.4	0.0	29.1	56
25/09/2023 15:00	8.4	269	7	11.5	0.0	29.1	56
25/09/2023 15:10	8.2	269	9	11.6	0.0	29.3	56
25/09/2023 15:20	8.1	269	8	11.5	0.0	28.8	58
25/09/2023 15:30	8.0	273	8	10.6	0.0	28.7	59
25/09/2023 15:40	8.1	273	9	10.5	0.0	28.3	61
25/09/2023 15:50	8.3	273	9	10.6	0.0	28.5	60
25/09/2023 16:00	7.5	271	8	10.1	0.0	28.3	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/09/2023 16:10	7.6	270	6	10.0	0.0	28.2	61
25/09/2023 16:20	7.7	272	8	10.4	0.0	28.2	62
25/09/2023 16:30	8.0	270	8	10.2	0.0	27.9	63
25/09/2023 16:40	8.0	269	7	10.1	0.0	27.8	63
25/09/2023 16:50	8.4	269	7	11.1	0.0	27.7	63
25/09/2023 17:00	7.8	270	6	10.0	0.0	27.6	63
25/09/2023 17:10	7.6	269	6	9.5	0.0	27.4	64
25/09/2023 17:20	7.0	267	7	8.5	0.0	27.6	63
25/09/2023 17:30	7.4	264	5	9.8	0.0	27.5	63
25/09/2023 17:40	6.8	266	7	8.6	0.0	27.4	64
25/09/2023 17:50	6.9	263	6	9.7	0.0	27.3	64
25/09/2023 18:00	7.2	267	7	9.5	0.0	27.2	64
25/09/2023 18:10	7.4	270	5	9.7	0.0	27.0	65
25/09/2023 18:20	7.4	270	5	9.4	0.0	26.8	66
25/09/2023 18:30	7.2	270	5	9.2	0.0	26.8	66
25/09/2023 18:40	6.8	270	6	8.9	0.0	26.8	66
25/09/2023 18:50	6.9	270	5	9.1	0.0	26.7	67
25/09/2023 19:00	6.3	268	6	8.0	0.0	26.6	67
25/09/2023 19:10	6.0	265	5	7.6	0.0	26.6	68
25/09/2023 19:20	5.6	266	6	7.5	0.0	26.6	67
25/09/2023 19:30	5.6	265	5	7.4	0.0	26.6	66
25/09/2023 19:40	5.4	265	6	6.7	0.0	26.6	67
25/09/2023 19:50	5.4	265	5	6.7	0.0	26.5	67
25/09/2023 20:00	5.4	266	5	7.0	0.0	26.5	67
25/09/2023 20:10	5.1	265	6	6.7	0.0	26.4	67
25/09/2023 20:20	4.4	268	6	5.8	0.0	26.3	68
25/09/2023 20:30	4.5	267	5	6.2	0.0	26.2	68
25/09/2023 20:40	4.8	266	5	6.2	0.0	26.2	67
25/09/2023 20:50	4.8	267	6	6.2	0.0	26.1	67
25/09/2023 21:00	4.5	267	4	5.8	0.0	26.0	67
25/09/2023 21:10	4.4	266	5	6.0	0.0	25.9	66
25/09/2023 21:20	4.6	265	5	6.5	0.0	25.9	65
25/09/2023 21:30	4.6	263	5	6.0	0.0	25.8	63
25/09/2023 21:40	5.0	263	5	6.4	0.0	25.8	61
25/09/2023 21:50	4.6	268	5	5.7	0.0	25.7	61
25/09/2023 22:00	4.1	266	5	5.6	0.0	25.6	62
25/09/2023 22:10	4.1	267	4	5.3	0.0	25.5	62
25/09/2023 22:20	4.4	266	4	5.6	0.0	25.4	62
25/09/2023 22:30	3.8	266	5	4.9	0.0	25.3	62
25/09/2023 22:40	4.0	269	3	5.0	0.0	25.2	63
25/09/2023 22:50	4.8	270	3	5.8	0.0	25.1	63
25/09/2023 23:00	4.6	271	3	5.6	0.0	25.1	64
25/09/2023 23:10	4.7	269	3	6.1	0.0	25.0	65
25/09/2023 23:20	4.7	267	4	5.8	0.0	25.0	66
25/09/2023 23:30	4.4	268	3	5.5	0.0	24.8	67
25/09/2023 23:40	4.3	268	3	5.1	0.0	24.7	68
25/09/2023 23:50	4.5	267	4	5.3	0.0	24.6	68
26/09/2023 00:00	4.2	270	3	4.8	0.0	24.5	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/09/2023 00:10	4.3	270	3	5.1	0.0	24.4	68
26/09/2023 00:20	4.4	272	3	5.4	0.0	24.3	68
26/09/2023 00:30	4.2	274	3	4.9	0.0	24.2	68
26/09/2023 00:40	3.8	273	3	4.5	0.0	24.2	68
26/09/2023 00:50	3.6	276	5	4.4	0.0	24.1	68
26/09/2023 01:00	3.6	277	6	4.9	0.0	24.3	67
26/09/2023 01:10	3.5	276	6	4.6	0.0	24.4	66
26/09/2023 01:20	3.6	278	5	4.4	0.0	24.2	66
26/09/2023 01:30	3.5	280	5	4.4	0.0	24.2	66
26/09/2023 01:40	3.6	278	5	4.3	0.0	24.2	65
26/09/2023 01:50	4.2	275	3	5.0	0.0	24.1	66
26/09/2023 02:00	4.4	273	3	5.3	0.0	24.0	66
26/09/2023 02:10	4.0	269	3	4.6	0.0	23.5	68
26/09/2023 02:20	4.5	266	3	5.0	0.0	23.3	69
26/09/2023 02:30	4.3	267	2	4.8	0.0	23.0	69
26/09/2023 02:40	4.4	267	2	4.8	0.0	23.2	68
26/09/2023 02:50	4.6	266	3	5.5	0.0	23.3	68
26/09/2023 03:00	4.4	268	2	5.2	0.0	23.2	68
26/09/2023 03:10	4.3	265	5	5.3	0.0	23.4	68
26/09/2023 03:20	3.8	263	4	4.7	0.0	23.7	68
26/09/2023 03:30	4.0	261	4	4.6	0.0	23.6	70
26/09/2023 03:40	3.6	263	5	4.4	0.0	23.5	71
26/09/2023 03:50	3.5	260	6	4.5	0.0	23.5	71
26/09/2023 04:00	4.0	268	5	4.8	0.0	23.5	72
26/09/2023 04:10	3.5	263	6	4.3	0.0	23.5	72
26/09/2023 04:20	3.0	257	7	4.3	0.0	23.3	71
26/09/2023 04:30	3.4	264	6	4.4	0.0	23.0	70
26/09/2023 04:40	3.8	262	6	5.0	0.0	23.1	69
26/09/2023 04:50	3.5	266	5	4.5	0.0	23.1	67
26/09/2023 05:00	2.1	278	4	2.8	0.0	22.8	67
26/09/2023 05:10	2.6	282	3	3.2	0.0	22.8	65
26/09/2023 05:20	1.9	272	12	2.9	0.0	22.7	64
26/09/2023 05:30	2.3	276	8	3.0	0.0	23.0	61
26/09/2023 05:40	2.1	273	11	3.0	0.0	23.2	59
26/09/2023 05:50	0.9	134	64	1.7	0.0	22.9	60
26/09/2023 06:00	0.5	141	35	0.9	0.0	22.2	63
26/09/2023 06:10	1.9	76	10	3.0	0.0	21.6	64
26/09/2023 06:20	1.8	80	13	2.9	0.0	21.4	68
26/09/2023 06:30	0.9	58	10	1.2	0.0	21.9	71
26/09/2023 06:40	1.2	40	9	1.4	0.0	22.2	71
26/09/2023 06:50	1.9	61	7	2.4	0.0	22.7	70
26/09/2023 07:00	1.9	49	6	2.6	0.0	23.4	66
26/09/2023 07:10	1.5	65	9	2.0	0.0	24.7	57
26/09/2023 07:20	1.3	74	10	1.7	0.0	25.7	53
26/09/2023 07:30	1.3	73	9	1.9	0.0	26.4	48
26/09/2023 07:40	1.2	74	11	1.7	0.0	26.9	46
26/09/2023 07:50	1.3	77	14	1.8	0.0	27.9	41
26/09/2023 08:00	1.1	83	19	2.2	0.0	28.6	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/09/2023 08:10	1.9	85	13	3.2	0.0	29.2	32
26/09/2023 08:20	2.0	95	12	2.7	0.0	29.5	29
26/09/2023 08:30	1.4	101	21	2.7	0.0	30.2	28
26/09/2023 08:40	2.1	94	14	3.1	0.0	30.5	28
26/09/2023 08:50	1.8	101	19	2.8	0.0	30.9	27
26/09/2023 09:00	1.6	91	17	2.2	0.0	31.9	26
26/09/2023 09:10	1.8	70	15	2.3	0.0	32.4	24
26/09/2023 09:20	2.1	91	16	3.0	0.0	33.3	22
26/09/2023 09:30	1.9	111	19	3.0	0.0	33.6	21
26/09/2023 09:40	2.1	98	18	2.9	0.0	34.2	21
26/09/2023 09:50	2.2	113	19	3.4	0.0	34.3	20
26/09/2023 10:00	2.3	118	17	3.6	0.0	34.4	20
26/09/2023 10:10	2.4	113	17	3.6	0.0	34.6	20
26/09/2023 10:20	2.3	121	23	3.7	0.0	34.9	19
26/09/2023 10:30	2.1	130	19	3.6	0.0	35.2	19
26/09/2023 10:40	2.2	122	19	3.4	0.0	35.8	18
26/09/2023 10:50	1.9	133	26	3.2	0.0	35.8	18
26/09/2023 11:00	2.2	115	14	3.5	0.0	36.6	17
26/09/2023 11:10	2.3	104	23	3.8	0.0	36.8	17
26/09/2023 11:20	2.0	119	21	3.5	0.0	37.1	16
26/09/2023 11:30	1.8	126	25	3.4	0.0	37.2	16
26/09/2023 11:40	1.9	93	44	3.0	0.0	37.6	16
26/09/2023 11:50	2.9	339	20	4.6	0.0	36.8	23
26/09/2023 12:00	3.9	334	10	5.2	0.0	35.6	25
26/09/2023 12:10	4.4	327	9	5.7	0.0	35.5	25
26/09/2023 12:20	4.2	344	9	5.4	0.0	35.4	25
26/09/2023 12:30	4.3	328	7	5.6	0.0	35.7	24
26/09/2023 12:40	4.6	337	9	5.8	0.0	35.8	23
26/09/2023 12:50	5.0	330	9	6.3	0.0	35.2	24
26/09/2023 13:00	5.2	325	8	6.6	0.0	35.2	24
26/09/2023 13:10	5.6	326	8	6.8	0.0	34.6	27
26/09/2023 13:20	5.7	323	6	7.0	0.0	34.7	25
26/09/2023 13:30	5.8	332	9	7.0	0.0	34.9	27
26/09/2023 13:40	6.0	323	7	7.4	0.0	34.6	31
26/09/2023 13:50	4.9	327	12	6.6	0.0	34.5	32
26/09/2023 14:00	5.8	323	8	7.6	0.0	34.0	33
26/09/2023 14:10	5.8	325	9	7.2	0.0	33.9	34
26/09/2023 14:20	5.3	306	13	7.4	0.0	34.1	33
26/09/2023 14:30	5.4	295	11	7.3	0.0	33.5	37
26/09/2023 14:40	5.1	292	9	6.7	0.0	33.4	38
26/09/2023 14:50	5.7	308	10	8.3	0.0	33.1	34
26/09/2023 15:00	5.7	294	11	7.8	0.0	33.2	34
26/09/2023 15:10	6.6	282	8	8.4	0.0	33.3	32
26/09/2023 15:20	6.6	292	6	9.1	0.0	33.8	25
26/09/2023 15:30	6.3	293	8	8.6	0.0	34.2	25
26/09/2023 15:40	6.5	285	9	8.6	0.0	34.6	25
26/09/2023 15:50	5.9	274	11	8.0	0.0	34.2	32
26/09/2023 16:00	5.7	265	6	7.2	0.0	33.4	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/09/2023 16:10	5.8	269	8	7.1	0.0	33.6	33
26/09/2023 16:20	5.9	270	9	7.9	0.0	33.6	35
26/09/2023 16:30	6.1	269	7	7.7	0.0	32.4	40
26/09/2023 16:40	6.0	259	9	7.3	0.0	32.3	40
26/09/2023 16:50	6.0	258	7	7.5	0.0	31.9	39
26/09/2023 17:00	6.1	269	8	8.1	0.0	31.4	39
26/09/2023 17:10	7.3	265	7	9.5	0.0	30.9	39
26/09/2023 17:20	7.7	268	7	9.9	0.0	30.9	37
26/09/2023 17:30	7.1	266	7	9.4	0.0	30.7	41
26/09/2023 17:40	5.7	266	7	7.8	0.0	30.2	49
26/09/2023 17:50	7.4	259	6	9.2	0.0	29.9	47
26/09/2023 18:00	7.8	263	6	10.5	0.0	29.6	46
26/09/2023 18:10	7.7	265	6	10.5	0.0	29.2	49
26/09/2023 18:20	7.5	269	6	9.5	0.0	29.2	49
26/09/2023 18:30	6.9	267	6	9.0	0.0	29.2	47
26/09/2023 18:40	7.0	265	7	9.2	0.0	29.2	46
26/09/2023 18:50	7.0	266	6	9.4	0.0	29.0	46
26/09/2023 19:00	7.3	264	6	9.4	0.0	28.6	51
26/09/2023 19:10	7.4	262	6	10.3	0.0	28.1	56
26/09/2023 19:20	7.0	264	5	9.1	0.0	27.8	59
26/09/2023 19:30	6.8	263	6	8.7	0.0	27.8	59
26/09/2023 19:40	7.1	262	6	9.3	0.0	27.7	60
26/09/2023 19:50	7.4	263	5	9.8	0.0	27.6	61
26/09/2023 20:00	7.6	266	5	9.9	0.0	27.5	63
26/09/2023 20:10	7.1	262	5	9.2	0.0	27.3	64
26/09/2023 20:20	6.8	262	6	8.7	0.0	27.2	63
26/09/2023 20:30	6.7	262	5	8.6	0.0	27.2	61
26/09/2023 20:40	6.8	262	5	8.6	0.0	27.1	60
26/09/2023 20:50	6.6	263	6	9.3	0.0	27.0	58
26/09/2023 21:00	7.1	265	5	9.4	0.0	27.0	56
26/09/2023 21:10	7.5	258	5	10.3	0.0	26.8	55
26/09/2023 21:20	7.6	257	5	9.5	0.0	26.7	52
26/09/2023 21:30	7.7	261	5	9.7	0.0	26.8	50
26/09/2023 21:40	7.0	268	6	8.9	0.0	26.9	48
26/09/2023 21:50	6.5	274	6	8.5	0.0	26.8	46
26/09/2023 22:00	6.0	272	6	7.7	0.0	26.8	45
26/09/2023 22:10	5.5	265	6	7.3	0.0	26.8	44
26/09/2023 22:20	6.2	252	9	8.5	0.0	27.1	42
26/09/2023 22:30	6.1	239	10	8.7	0.0	27.5	41
26/09/2023 22:40	5.9	244	8	8.4	0.0	27.4	41
26/09/2023 22:50	6.2	249	8	9.5	0.0	27.2	42
26/09/2023 23:00	6.1	256	8	8.8	0.0	27.1	41
26/09/2023 23:10	5.7	249	11	9.2	0.0	27.5	39
26/09/2023 23:20	5.4	254	9	7.0	0.0	27.4	38
26/09/2023 23:30	5.0	251	10	7.1	0.0	27.4	37
26/09/2023 23:40	5.2	247	10	7.4	0.0	27.8	35
26/09/2023 23:50	5.1	245	11	8.0	0.0	27.7	35
27/09/2023 00:00	5.3	248	9	7.7	0.0	27.7	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/09/2023 00:10	5.7	250	10	7.6	0.0	27.4	36
27/09/2023 00:20	5.3	242	10	7.5	0.0	27.3	36
27/09/2023 00:30	5.7	250	11	8.2	0.0	27.5	36
27/09/2023 00:40	5.9	254	9	7.8	0.0	27.2	36
27/09/2023 00:50	6.1	258	6	7.8	0.0	27.0	37
27/09/2023 01:00	6.0	262	7	8.1	0.0	27.0	36
27/09/2023 01:10	5.8	267	6	7.3	0.0	27.2	34
27/09/2023 01:20	5.9	268	7	7.6	0.0	27.2	34
27/09/2023 01:30	6.1	269	6	8.1	0.0	27.2	34
27/09/2023 01:40	5.9	267	5	7.3	0.0	27.2	34
27/09/2023 01:50	5.5	262	6	6.9	0.0	27.1	34
27/09/2023 02:00	5.4	256	7	6.9	0.0	27.0	34
27/09/2023 02:10	4.7	257	8	6.8	0.0	26.9	35
27/09/2023 02:20	4.7	257	9	6.4	0.0	26.8	35
27/09/2023 02:30	4.8	258	9	6.9	0.0	26.9	34
27/09/2023 02:40	4.7	248	11	7.4	0.0	27.7	30
27/09/2023 02:50	4.3	247	12	7.1	0.0	28.1	29
27/09/2023 03:00	4.4	255	9	6.9	0.0	27.9	29
27/09/2023 03:10	3.8	256	12	5.5	0.0	27.6	29
27/09/2023 03:20	3.6	263	10	5.2	0.0	27.4	29
27/09/2023 03:30	3.4	269	8	4.4	0.0	27.1	30
27/09/2023 03:40	3.4	271	8	4.3	0.0	26.8	31
27/09/2023 03:50	3.3	277	6	4.1	0.0	26.5	33
27/09/2023 04:00	3.1	279	9	4.4	0.0	26.4	33
27/09/2023 04:10	2.3	280	9	3.3	0.0	26.4	33
27/09/2023 04:20	2.6	289	8	3.5	0.0	26.6	32
27/09/2023 04:30	3.3	285	8	4.3	0.0	26.7	31
27/09/2023 04:40	4.4	288	7	5.9	0.0	26.8	31
27/09/2023 04:50	5.0	296	7	6.6	0.0	27.1	30
27/09/2023 05:00	6.0	294	5	7.5	0.0	27.4	28
27/09/2023 05:10	6.1	292	6	7.7	0.0	27.8	27
27/09/2023 05:20	5.2	289	8	7.0	0.0	28.0	26
27/09/2023 05:30	4.3	295	10	5.9	0.0	28.1	25
27/09/2023 05:40	4.3	295	8	5.9	0.0	28.2	24
27/09/2023 05:50	4.1	290	9	5.8	0.0	28.5	24
27/09/2023 06:00	3.8	289	9	5.3	0.0	28.4	24
27/09/2023 06:10	4.0	284	7	5.3	0.0	28.5	24
27/09/2023 06:20	3.0	281	8	4.0	0.0	28.4	24
27/09/2023 06:30	2.8	272	11	3.8	0.0	28.3	24
27/09/2023 06:40	2.4	261	11	3.6	0.0	28.2	25
27/09/2023 06:50	1.5	284	21	2.7	0.0	28.5	25
27/09/2023 07:00	1.4	286	29	2.7	0.0	28.8	24
27/09/2023 07:10	3.1	246	33	5.4	0.0	29.4	24
27/09/2023 07:20	3.4	225	15	4.9	0.0	30.3	22
27/09/2023 07:30	2.8	205	10	4.3	0.0	30.7	21
27/09/2023 07:40	3.0	197	12	4.8	0.0	31.0	21
27/09/2023 07:50	3.2	182	13	4.8	0.0	31.1	21
27/09/2023 08:00	3.3	178	16	5.3	0.0	31.4	22



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/09/2023 08:10	2.4	165	22	4.2	0.0	32.0	22
27/09/2023 08:20	2.3	151	21	4.1	0.0	32.6	21
27/09/2023 08:30	2.5	144	16	4.0	0.0	33.1	20
27/09/2023 08:40	2.7	138	17	4.7	0.0	33.3	19
27/09/2023 08:50	3.0	127	18	5.1	0.0	33.5	18
27/09/2023 09:00	3.1	131	17	4.9	0.0	33.4	18
27/09/2023 09:10	3.6	108	11	5.9	0.0	33.1	19
27/09/2023 09:20	3.7	113	12	5.2	0.0	33.3	19
27/09/2023 09:30	3.6	104	13	5.1	0.0	33.2	21
27/09/2023 09:40	4.2	94	12	6.3	0.0	33.3	22
27/09/2023 09:50	4.9	87	11	6.7	0.0	33.2	23
27/09/2023 10:00	6.2	76	8	8.2	0.0	33.3	23
27/09/2023 10:10	5.6	78	10	8.1	0.0	33.7	23
27/09/2023 10:20	6.3	79	8	8.2	0.0	33.3	25
27/09/2023 10:30	6.7	82	9	8.9	0.0	33.3	26
27/09/2023 10:40	7.2	81	7	9.9	0.0	33.4	25
27/09/2023 10:50	6.5	80	8	8.6	0.0	33.2	27
27/09/2023 11:00	6.8	79	9	8.8	0.0	32.9	28
27/09/2023 11:10	7.2	77	9	9.8	0.0	32.6	30
27/09/2023 11:20	7.1	80	9	9.1	0.0	32.8	32
27/09/2023 11:30							
27/09/2023 11:40							
27/09/2023 11:50						32.5	34
27/09/2023 12:00	7.5	64	9	10.4	0.0	33.0	33
27/09/2023 12:10	7.7	63	8	11.0	0.0	33.1	33
27/09/2023 12:20	7.1	66	9	10.2	0.0	33.3	33
27/09/2023 12:30	7.7	65	8	10.5	0.0	33.6	32
27/09/2023 12:40	7.7	65	7	10.9	0.0	33.2	32
27/09/2023 12:50	7.6	66	8	9.8	0.0	33.1	31
27/09/2023 13:00	7.7	64	8	10.8	0.0	33.8	29
27/09/2023 13:10	7.2	65	9	10.1	0.0	33.7	29
27/09/2023 13:20	7.3	65	10	10.6	0.0	33.9	29
27/09/2023 13:30	8.1	65	8	11.5	0.0	33.9	29
27/09/2023 13:40	8.6	65	7	12.1	0.0	34.0	29
27/09/2023 13:50	7.5	63	9	11.0	0.0	33.9	31
27/09/2023 14:00	7.5	63	10	11.1	0.0	34.1	33
27/09/2023 14:10	8.6	64	8	11.5	0.0	33.5	34
27/09/2023 14:20	7.5	63	8	10.5	0.0	32.7	38
27/09/2023 14:30	7.1	62	8	10.4	0.0	33.0	38
27/09/2023 14:40	7.2	64	8	9.4	0.0	33.0	38
27/09/2023 14:50	6.8	62	8	9.1	0.0	32.7	39
27/09/2023 15:00	7.5	62	8	10.3	0.0	32.8	37
27/09/2023 15:10	7.0	63	8	9.6	0.0	32.7	37
27/09/2023 15:20	6.7	62	8	9.6	0.0	32.6	39
27/09/2023 15:30	7.2	60	7	9.8	0.0	32.6	39
27/09/2023 15:40	6.6	57	8	9.0	0.0	32.5	39
27/09/2023 15:50	7.1	61	7	9.2	0.0	32.9	36
27/09/2023 16:00	7.7	56	6	10.5	0.0	33.0	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/09/2023 16:10	7.2	59	7	9.7	0.0	32.9	36
27/09/2023 16:20	6.6	59	8	9.5	0.0	33.1	35
27/09/2023 16:30	7.2	60	7	9.7	0.0	33.3	33
27/09/2023 16:40	6.9	60	8	9.7	0.0	33.4	32
27/09/2023 16:50	6.0	60	7	7.9	0.0	33.3	33
27/09/2023 17:00	5.8	58	7	8.1	0.0	34.0	30
27/09/2023 17:10	4.6	62	8	6.6	0.0	34.6	28
27/09/2023 17:20	4.3	57	8	5.9	0.0	35.6	23
27/09/2023 17:30	3.9	31	11	5.8	0.0	35.5	25
27/09/2023 17:40	5.1	26	10	7.0	0.0	34.7	27
27/09/2023 17:50	4.3	24	9	6.1	0.0	33.3	35
27/09/2023 18:00	4.0	24	10	5.4	0.0	32.3	38
27/09/2023 18:10	3.5	17	10	4.6	0.0	31.6	42
27/09/2023 18:20	3.2	25	13	4.7	0.0	31.3	42
27/09/2023 18:30	2.6	27	13	3.8	0.0	31.2	42
27/09/2023 18:40	4.2	12	13	6.1	0.0	30.8	43
27/09/2023 18:50	5.6	10	10	7.9	0.0	30.5	44
27/09/2023 19:00	6.1	16	9	8.8	0.0	30.6	43
27/09/2023 19:10	5.4	176	8	7.4	0.0	30.3	47
27/09/2023 19:20	4.3	345	10	6.8	0.0	29.8	51
27/09/2023 19:30	5.5	345	8	8.2	0.0	29.7	51
27/09/2023 19:40	6.3	346	7	9.0	0.0	29.6	51
27/09/2023 19:50	7.4	347	6	9.3	0.0	29.1	55
27/09/2023 20:00	7.4	348	7	9.8	0.0	29.1	54
27/09/2023 20:10	6.4	347	7	8.5	0.0	29.2	54
27/09/2023 20:20	6.1	350	8	8.3	0.0	29.0	54
27/09/2023 20:30	4.3	46	32	6.3	0.0	28.9	55
27/09/2023 20:40	2.7	68	35	5.5	0.0	28.6	57
27/09/2023 20:50	1.7	63	20	2.8	0.0	28.2	59
27/09/2023 21:00	1.4	39	27	2.3	0.0	28.0	61
27/09/2023 21:10	1.0	46	26	1.6	0.0	27.8	61
27/09/2023 21:20	0.8	78	35	1.2	0.0	27.8	61
27/09/2023 21:30	0.8	253	12	1.1	0.0	27.6	62
27/09/2023 21:40	1.5	253	7	2.1	0.0	27.5	61
27/09/2023 21:50	1.3	257	20	2.1	0.0	27.4	62
27/09/2023 22:00	1.0	282	14	1.3	0.0	27.1	63
27/09/2023 22:10	1.1	290	9	1.5	0.0	27.4	60
27/09/2023 22:20	1.6	293	12	2.5	0.0	27.4	61
27/09/2023 22:30	1.9	267	6	2.6	0.0	27.5	62
27/09/2023 22:40	1.6	272	10	1.9	0.0	27.0	64
27/09/2023 22:50	1.9	278	4	2.2	0.0	27.0	63
27/09/2023 23:00	1.8	274	6	2.0	0.0	27.2	61
27/09/2023 23:10	1.9	269	7	2.3	0.0	27.1	61
27/09/2023 23:20	2.5	269	5	3.0	0.0	26.9	63
27/09/2023 23:30	3.1	250	11	4.7	0.0	26.9	62
27/09/2023 23:40	3.6	262	10	4.9	0.0	27.1	63
27/09/2023 23:50	3.0	262	9	3.9	0.0	26.9	64
28/09/2023 00:00	2.3	259	20	3.5	0.0	26.7	64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/09/2023 00:10	3.3	270	9	4.3	0.0	26.8	62
28/09/2023 00:20	2.7	234	17	4.3	0.0	26.9	61
28/09/2023 00:30	3.3	214	14	5.1	0.0	27.4	58
28/09/2023 00:40	3.3	207	11	4.9	0.0	27.5	56
28/09/2023 00:50	2.4	195	11	3.7	0.0	27.5	55
28/09/2023 01:00	2.9	208	9	4.5	0.0	27.7	53
28/09/2023 01:10	1.6	254	36	2.8	0.0	27.6	53
28/09/2023 01:20	1.8	243	29	3.1	0.0	27.3	53
28/09/2023 01:30	2.4	263	12	3.8	0.0	27.4	52
28/09/2023 01:40	3.7	271	10	5.4	0.0	27.6	51
28/09/2023 01:50	3.2	268	12	4.7	0.0	27.8	50
28/09/2023 02:00	4.0	273	6	5.0	0.0	27.7	50
28/09/2023 02:10	3.5	267	8	4.7	0.0	27.3	51
28/09/2023 02:20	2.4	260	15	3.5	0.0	27.0	51
28/09/2023 02:30	1.1	238	21	2.7	0.0	26.7	51
28/09/2023 02:40	1.1	262	20	2.5	0.0	26.6	51
28/09/2023 02:50	1.3	270	17	2.2	0.0	26.5	51
28/09/2023 03:00	1.4	255	16	2.0	0.0	26.9	50
28/09/2023 03:10	1.0	251	23	1.5	0.0	27.1	49
28/09/2023 03:20	1.0	237	15	1.7	0.0	26.9	48
28/09/2023 03:30	0.7	178	48	1.5	0.0	26.4	49
28/09/2023 03:40	0.7	278	26	1.2	0.0	25.8	51
28/09/2023 03:50	0.4	270	69	1.0	0.0	25.4	51
28/09/2023 04:00	0.6	62	53	1.4	0.0	25.3	51
28/09/2023 04:10	0.7	176	44	1.3	0.0	25.7	49
28/09/2023 04:20	0.4	136	50	1.0	0.0	25.4	49
28/09/2023 04:30	1.7	63	11	2.3	0.0	24.8	51
28/09/2023 04:40	1.4	22	11	1.7	0.0	24.8	51
28/09/2023 04:50	0.9	194	38	1.6	0.0	25.9	46
28/09/2023 05:00	1.5	66	9	2.0	0.0	24.5	51
28/09/2023 05:10	1.8	71	8	2.3	0.0	24.0	53
28/09/2023 05:20	1.6	58	8	2.0	0.0	24.1	54
28/09/2023 05:30	1.3	61	9	1.8	0.0	24.9	52
28/09/2023 05:40	0.9	96	35	1.6	0.0	25.1	51
28/09/2023 05:50	0.7	84	43	1.5	0.0	25.3	50
28/09/2023 06:00	2.1	87	16	3.1	0.0	25.3	50
28/09/2023 06:10	2.2	88	9	3.0	0.0	25.2	51
28/09/2023 06:20	2.5	98	10	3.4	0.0	25.0	55
28/09/2023 06:30	1.8	78	7	2.3	0.0	25.0	57
28/09/2023 06:40	1.8	68	6	2.3	0.0	25.0	59
28/09/2023 06:50	1.8	60	9	2.4	0.0	25.4	63
28/09/2023 07:00	1.5	60	14	2.2	0.0	26.1	59
28/09/2023 07:10	1.6	87	14	2.7	0.0	27.0	52
28/09/2023 07:20	2.2	98	12	3.4	0.0	27.2	56
28/09/2023 07:30	2.3	100	11	3.3	0.0	27.3	58
28/09/2023 07:40	2.7	102	11	3.7	0.0	27.6	56
28/09/2023 07:50	3.0	102	9	4.2	0.0	27.9	56
28/09/2023 08:00	3.5	95	9	4.7	0.0	28.2	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/09/2023 08:10	2.8	102	11	3.9	0.0	28.6	52
28/09/2023 08:20	3.0	102	11	4.6	0.0	29.0	52
28/09/2023 08:30	4.0	95	11	6.0	0.0	29.2	49
28/09/2023 08:40	4.1	94	7	5.3	0.0	29.2	47
28/09/2023 08:50	4.1	95	9	5.8	0.0	29.8	41
28/09/2023 09:00	3.9	93	9	5.4	0.0	30.2	39
28/09/2023 09:10	3.9	99	12	5.3	0.0	30.5	39
28/09/2023 09:20	3.9	95	10	5.1	0.0	30.7	37
28/09/2023 09:30	3.5	106	13	4.9	0.0	31.3	36
28/09/2023 09:40	3.6	93	15	5.2	0.0	32.1	34
28/09/2023 09:50	4.9	78	9	6.0	0.0	32.0	34
28/09/2023 10:00	5.0	81	11	7.3	0.0	32.3	34
28/09/2023 10:10	4.8	82	10	7.2	0.0	33.4	33
28/09/2023 10:20	6.1	76	7	7.9	0.0	33.3	31
28/09/2023 10:30	5.2	82	9	7.5	0.0	33.8	30
28/09/2023 10:40	5.8	76	9	8.3	0.0	34.7	28
28/09/2023 10:50	6.5	78	9	8.7	0.0	34.8	26
28/09/2023 11:00	6.9	78	8	9.7	0.0	35.0	26
28/09/2023 11:10	7.0	78	10	9.9	0.0	35.2	25
28/09/2023 11:20	7.5	80	10	10.8	0.0	35.4	25
28/09/2023 11:30	7.6	74	9	10.5	0.0	35.4	24
28/09/2023 11:40	7.3	79	10	10.0	0.0	35.4	24
28/09/2023 11:50	6.0	78	11	9.8	0.0	36.0	24
28/09/2023 12:00	6.8	76	9	10.0	0.0	35.6	24
28/09/2023 12:10	7.3	79	8	9.9	0.0	35.7	25
28/09/2023 12:20	7.2	63	8	10.0	0.0	35.1	26
28/09/2023 12:30	7.2	63	10	10.1	0.0	35.2	27
28/09/2023 12:40	7.1	64	9	10.1	0.0	35.3	27
28/09/2023 12:50	7.4	64	9	10.4	0.0	35.5	25
28/09/2023 13:00	7.7	62	9	10.4	0.0	35.4	26
28/09/2023 13:10	8.0	61	8	11.5	0.0	35.4	26
28/09/2023 13:20	8.6	64	8	11.4	0.0	35.4	25
28/09/2023 13:30	7.9	66	9	11.0	0.0	35.7	24
28/09/2023 13:40	7.7	58	9	10.6	0.0	35.5	26
28/09/2023 13:50	8.3	61	7	11.4	0.0	35.3	25
28/09/2023 14:00	8.0	59	8	10.4	0.0	35.3	24
28/09/2023 14:10	7.6	61	8	10.3	0.0	35.4	23
28/09/2023 14:20	8.1	61	7	10.7	0.0	35.2	23
28/09/2023 14:30	8.3	61	6	10.1	0.0	35.1	23
28/09/2023 14:40	7.9	61	8	10.2	0.0	35.2	23
28/09/2023 14:50	7.9	62	7	10.7	0.0	35.0	23
28/09/2023 15:00	8.3	59	7	10.6	0.0	34.8	23
28/09/2023 15:10	8.1	60	7	10.8	0.0	34.7	23
28/09/2023 15:20	7.8	59	7	10.9	0.0	34.5	23
28/09/2023 15:30	7.8	56	7	10.4	0.0	34.5	23
28/09/2023 15:40	8.2	63	7	10.9	0.0	34.4	23
28/09/2023 15:50	7.5	62	8	10.7	0.0	34.1	25
28/09/2023 16:00	8.0	55	8	10.8	0.0	33.9	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/09/2023 16:10	8.3	57	7	11.2	0.0	33.4	28
28/09/2023 16:20	8.6	56	7	11.9	0.0	33.4	27
28/09/2023 16:30	8.2	58	7	10.7	0.0	33.5	27
28/09/2023 16:40	7.4	61	7	9.8	0.0	33.9	26
28/09/2023 16:50	6.7	63	9	9.3	0.0	34.3	24
28/09/2023 17:00	5.9	65	7	8.1	0.0	34.7	23
28/09/2023 17:10	5.7	54	8	7.7	0.0	35.2	21
28/09/2023 17:20	5.0	50	9	7.7	0.0	36.1	18
28/09/2023 17:30	5.3	42	10	7.8	0.0	36.4	18
28/09/2023 17:40	4.7	34	8	6.8	0.0	35.9	19
28/09/2023 17:50	5.7	35	9	7.9	0.0	35.3	20
28/09/2023 18:00	6.0	30	7	8.6	0.0	34.9	20
28/09/2023 18:10	5.3	24	7	7.4	0.0	34.6	20
28/09/2023 18:20	4.8	20	7	6.6	0.0	34.3	21
28/09/2023 18:30	4.6	17	6	6.0	0.0	33.9	25
28/09/2023 18:40	4.9	12	7	6.6	0.0	33.1	29
28/09/2023 18:50	5.1	14	7	6.7	0.0	33.1	28
28/09/2023 19:00	5.8	9	6	7.4	0.0	32.9	28
28/09/2023 19:10	5.8	14	7	7.8	0.0	32.9	26
28/09/2023 19:20	5.7	11	6	7.2	0.0	33.0	25
28/09/2023 19:30	6.0	4	7	7.6	0.0	33.4	24
28/09/2023 19:40	4.5	341	8	5.7	0.0	32.7	27
28/09/2023 19:50	4.9	348	6	6.2	0.0	32.9	26
28/09/2023 20:00	4.9	350	6	6.3	0.0	32.9	26
28/09/2023 20:10	4.6	345	6	5.7	0.0	32.8	26
28/09/2023 20:20	3.5	339	7	4.7	0.0	32.9	26
28/09/2023 20:30	3.5	340	7	4.8	0.0	33.4	23
28/09/2023 20:40	4.1	341	6	5.2	0.0	32.8	26
28/09/2023 20:50	4.0	342	5	5.0	0.0	32.3	28
28/09/2023 21:00	3.6	340	9	4.5	0.0	31.9	30
28/09/2023 21:10	3.0	302	11	4.3	0.0	30.8	39
28/09/2023 21:20	2.9	287	7	3.8	0.0	29.4	48
28/09/2023 21:30	3.4	277	10	4.3	0.0	29.2	50
28/09/2023 21:40	2.9	276	9	3.7	0.0	28.6	55
28/09/2023 21:50	3.2	272	12	3.9	0.0	28.5	55
28/09/2023 22:00	2.9	291	13	4.1	0.0	28.7	53
28/09/2023 22:10	2.2	266	13	3.0	0.0	28.3	56
28/09/2023 22:20	2.0	258	9	2.9	0.0	27.8	61
28/09/2023 22:30	1.6	242	9	2.3	0.0	27.7	60
28/09/2023 22:40	1.4	204	16	1.9	0.0	27.8	60
28/09/2023 22:50	0.5	131	38	1.4	0.0	27.7	59
28/09/2023 23:00	1.2	157	26	1.7	0.0	27.2	60
28/09/2023 23:10	1.6	280	8	2.8	0.0	27.3	60
28/09/2023 23:20	2.9	269	9	4.4	0.0	27.0	63
28/09/2023 23:30	3.5	265	7	4.9	0.0	26.8	67
28/09/2023 23:40	3.6	267	5	4.4	0.0	26.5	68
28/09/2023 23:50	3.6	252	8	4.8	0.0	26.3	69
29/09/2023 00:00	3.8	261	6	4.9	0.0	26.3	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/09/2023 00:10	3.2	264	6	4.4	0.0	26.1	67
29/09/2023 00:20	3.3	264	6	4.3	0.0	26.2	64
29/09/2023 00:30	3.8	271	6	4.8	0.0	26.4	62
29/09/2023 00:40	4.3	259	7	5.5	0.0	26.6	60
29/09/2023 00:50	4.7	259	5	6.0	0.0	26.7	58
29/09/2023 01:00	4.3	260	6	5.3	0.0	27.0	56
29/09/2023 01:10	4.0	258	8	5.6	0.0	27.2	54
29/09/2023 01:20	4.2	260	8	5.6	0.0	27.7	51
29/09/2023 01:30	4.2	260	9	5.2	0.0	28.1	48
29/09/2023 01:40	3.9	257	12	5.5	0.0	28.2	46
29/09/2023 01:50	3.5	266	11	4.5	0.0	27.9	47
29/09/2023 02:00	3.7	267	9	5.2	0.0	27.8	48
29/09/2023 02:10	3.9	271	7	4.8	0.0	27.8	47
29/09/2023 02:20	3.5	268	8	4.5	0.0	27.7	47
29/09/2023 02:30	2.5	248	19	4.7	0.0	27.3	48
29/09/2023 02:40	1.6	218	31	2.9	0.0	27.9	45
29/09/2023 02:50	1.9	253	25	3.3	0.0	27.9	44
29/09/2023 03:00	1.4	227	28	2.5	0.0	27.7	43
29/09/2023 03:10	2.0	220	25	3.7	0.0	28.5	41
29/09/2023 03:20	1.7	195	25	3.1	0.0	28.7	39
29/09/2023 03:30	0.8	175	60	1.9	0.0	28.4	40
29/09/2023 03:40	1.2	224	45	2.0	0.0	28.3	39
29/09/2023 03:50	1.2	216	36	2.0	0.0	28.5	38
29/09/2023 04:00	1.0	307	59	1.9	0.0	28.6	37
29/09/2023 04:10	1.3	165	35	2.5	0.0	28.9	36
29/09/2023 04:20	2.4	162	18	3.8	0.0	28.9	37
29/09/2023 04:30	2.6	186	15	3.9	0.0	29.0	36
29/09/2023 04:40	2.5	187	13	3.9	0.0	28.9	35
29/09/2023 04:50	1.6	236	45	2.5	0.0	29.3	34
29/09/2023 05:00	2.2	229	39	4.1	0.0	29.0	34
29/09/2023 05:10	1.6	133	53	3.8	0.0	29.6	31
29/09/2023 05:20	2.1	115	29	3.7	0.0	29.6	31
29/09/2023 05:30	2.1	83	9	2.8	0.0	26.9	38
29/09/2023 05:40	0.9	103	36	2.2	0.0	26.8	38
29/09/2023 05:50	1.8	69	28	2.4	0.0	27.3	36
29/09/2023 06:00	1.0	60	18	1.9	0.0	26.6	38
29/09/2023 06:10	1.3	54	12	2.0	0.0	27.0	36
29/09/2023 06:20	0.8	58	21	1.5	0.0	26.7	37
29/09/2023 06:30	1.5	49	8	1.8	0.0	26.7	37
29/09/2023 06:40	1.0	54	15	1.5	0.0	27.5	34
29/09/2023 06:50	1.1	56	10	1.6	0.0	28.5	33
29/09/2023 07:00	2.2	59	9	2.7	0.0	29.4	31
29/09/2023 07:10	1.9	45	9	2.6	0.0	30.0	30
29/09/2023 07:20	1.8	56	10	2.5	0.0	30.9	28
29/09/2023 07:30	2.2	62	9	2.9	0.0	31.4	27
29/09/2023 07:40	3.3	82	9	5.3	0.0	31.8	25
29/09/2023 07:50	4.8	56	8	9.2	0.0	30.3	37
29/09/2023 08:00	4.4	55	7	6.2	0.0	29.8	41



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/09/2023 08:10	3.3	70	16	5.8	0.0	30.7	37
29/09/2023 08:20	3.2	69	12	5.0	0.0	30.4	37
29/09/2023 08:30	2.9	61	11	4.2	0.0	31.8	32
29/09/2023 08:40	3.7	58	8	4.9	0.0	31.9	32
29/09/2023 08:50	3.4	47	7	4.9	0.0	32.1	32
29/09/2023 09:00	4.5	58	8	6.2	0.0	32.3	30
29/09/2023 09:10	3.4	57	10	4.5	0.0	32.8	28
29/09/2023 09:20	2.0	77	19	3.0	0.0	33.9	27
29/09/2023 09:30	3.4	61	13	5.2	0.0	34.2	26
29/09/2023 09:40	1.6	11	40	2.8	0.0	34.7	25
29/09/2023 09:50	1.7	83	36	3.5	0.0	35.9	21
29/09/2023 10:00	1.1	165	60	2.4	0.0	35.9	26
29/09/2023 10:10	2.1	85	24	3.7	0.0	36.4	21
29/09/2023 10:20	2.2	180	29	4.4	0.0	35.7	29
29/09/2023 10:30	2.4	44	26	4.7	0.0	35.0	34
29/09/2023 10:40	2.1	20	28	3.4	0.0	35.4	32
29/09/2023 10:50	2.4	182	27	3.8	0.0	35.3	34
29/09/2023 11:00	2.7	344	30	4.3	0.0	35.2	35
29/09/2023 11:10	3.1	177	19	5.1	0.0	35.3	35
29/09/2023 11:20	4.2	326	10	5.8	0.0	35.0	35
29/09/2023 11:30	4.0	326	10	5.4	0.0	34.3	34
29/09/2023 11:40	4.9	339	11	6.6	0.0	34.9	33
29/09/2023 11:50	4.4	326	9	5.7	0.0	34.3	33
29/09/2023 12:00	4.5	331	10	5.5	0.0	34.7	31
29/09/2023 12:10	4.2	349	12	6.0	0.0	34.8	30
29/09/2023 12:20	3.8	344	17	5.3	0.0	34.6	31
29/09/2023 12:30	3.0	351	21	4.5	0.0	35.5	29
29/09/2023 12:40	3.3	352	17	5.3	0.0	35.8	28
29/09/2023 12:50	3.1	181	17	4.7	0.0	35.7	29
29/09/2023 13:00	3.7	341	18	5.4	0.0	35.6	31
29/09/2023 13:10	3.6	347	14	5.7	0.0	35.3	32
29/09/2023 13:20	2.9	334	12	4.3	0.0	35.4	32
29/09/2023 13:30	3.2	338	17	4.8	0.0	35.7	32
29/09/2023 13:40	3.8	325	9	4.9	0.0	34.8	32
29/09/2023 13:50	3.5	326	10	4.6	0.0	35.1	33
29/09/2023 14:00	4.1	326	9	5.7	0.0	34.7	33
29/09/2023 14:10	3.2	332	12	4.4	0.0	34.2	32
29/09/2023 14:20	3.4	335	10	4.5	0.0	34.7	34
29/09/2023 14:30	3.5	325	9	5.0	0.0	34.2	35
29/09/2023 14:40	3.4	304	22	5.7	0.0	34.4	37
29/09/2023 14:50	3.9	306	16	5.7	0.0	34.3	37
29/09/2023 15:00	3.6	318	12	4.8	0.0	34.3	37
29/09/2023 15:10	3.3	312	16	4.6	0.0	34.4	36
29/09/2023 15:20	4.1	313	14	5.9	0.0	34.2	36
29/09/2023 15:30	5.1	323	8	6.7	0.0	34.1	34
29/09/2023 15:40	4.6	320	10	6.2	0.0	33.9	35
29/09/2023 15:50	4.0	310	13	5.9	0.0	33.9	35
29/09/2023 16:00	2.8	298	21	4.8	0.0	33.9	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/09/2023 16:10	2.7	310	25	4.8	0.0	34.2	37
29/09/2023 16:20	3.8	316	16	6.0	0.0	33.5	37
29/09/2023 16:30	4.8	321	8	6.2	0.0	32.9	39
29/09/2023 16:40	5.1	316	7	6.5	0.0	32.3	42
29/09/2023 16:50	6.0	326	7	7.5	0.0	32.1	42
29/09/2023 17:00	5.0	303	14	6.5	0.0	31.7	45
29/09/2023 17:10	4.6	289	11	6.5	0.0	31.8	46
29/09/2023 17:20	4.9	281	7	6.3	0.0	31.8	47
29/09/2023 17:30	4.9	294	8	5.9	0.0	31.3	46
29/09/2023 17:40	5.0	295	7	6.0	0.0	31.5	41
29/09/2023 17:50	4.2	294	8	5.8	0.0	31.0	50
29/09/2023 18:00	5.0	277	8	6.0	0.0	30.3	55
29/09/2023 18:10	5.3	276	5	6.1	0.0	29.5	58
29/09/2023 18:20	5.3	277	5	6.4	0.0	29.2	57
29/09/2023 18:30	5.0	279	4	5.8	0.0	28.8	61
29/09/2023 18:40	5.2	275	5	6.4	0.0	28.5	63
29/09/2023 18:50	5.2	278	5	6.2	0.0	28.3	62
29/09/2023 19:00	5.5	279	5	6.5	0.0	28.2	61
29/09/2023 19:10	5.7	277	5	6.7	0.0	28.0	62
29/09/2023 19:20	4.9	272	5	5.8	0.0	27.9	63
29/09/2023 19:30	4.4	268	7	5.6	0.0	27.9	63
29/09/2023 19:40	4.5	275	6	6.1	0.0	27.8	62
29/09/2023 19:50	4.4	280	5	5.6	0.0	27.6	64
29/09/2023 20:00	3.8	280	6	5.1	0.0	27.4	67
29/09/2023 20:10	3.7	276	6	4.6	0.0	27.4	68
29/09/2023 20:20	3.6	276	6	4.9	0.0	27.4	69
29/09/2023 20:30	3.2	279	6	4.2	0.0	27.2	69
29/09/2023 20:40	3.5	280	4	4.1	0.0	27.2	69
29/09/2023 20:50	3.3	280	4	4.0	0.0	27.1	69
29/09/2023 21:00	3.0	297	6	3.6	0.0	27.1	68
29/09/2023 21:10	3.6	303	8	4.8	0.0	27.9	57
29/09/2023 21:20	3.7	269	8	4.7	0.0	28.1	55
29/09/2023 21:30	3.1	282	15	4.2	0.0	27.9	53
29/09/2023 21:40	3.7	291	20	5.0	0.0	27.9	55
29/09/2023 21:50	3.7	272	11	4.8	0.0	28.0	53
29/09/2023 22:00	3.0	318	18	5.0	0.0	28.1	55
29/09/2023 22:10	2.7	275	10	3.6	0.0	27.9	60
29/09/2023 22:20	2.2	280	16	3.2	0.0	27.4	59
29/09/2023 22:30	2.6	278	13	3.4	0.0	27.6	58
29/09/2023 22:40	3.0	279	21	4.4	0.0	28.0	57
29/09/2023 22:50	2.9	287	15	4.4	0.0	27.9	58
29/09/2023 23:00	4.4	292	13	6.0	0.0	27.9	60
29/09/2023 23:10	4.3	291	9	6.2	0.0	27.1	67
29/09/2023 23:20	3.7	293	12	5.9	0.0	27.1	68
29/09/2023 23:30	3.0	323	12	4.6	0.0	27.1	68
29/09/2023 23:40	3.1	313	9	4.7	0.0	27.3	67
29/09/2023 23:50	3.1	328	11	4.8	0.0	26.9	71
30/09/2023 00:00	2.8	304	17	4.4	0.0	26.9	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/09/2023 00:10	2.6	334	16	4.8	0.0	26.9	71
30/09/2023 00:20	3.5	319	9	5.0	0.0	26.5	71
30/09/2023 00:30	3.3	320	12	5.1	0.0	26.2	67
30/09/2023 00:40	3.2	323	10	4.8	0.0	26.1	63
30/09/2023 00:50	2.9	321	12	4.3	0.0	26.0	62
30/09/2023 01:00	3.0	308	11	4.7	0.0	26.0	62
30/09/2023 01:10	4.4	295	7	5.8	0.0	26.0	64
30/09/2023 01:20	4.7	291	9	6.5	0.0	26.8	67
30/09/2023 01:30	3.7	305	13	5.2	0.0	26.9	67
30/09/2023 01:40	3.7	288	10	5.2	0.0	26.4	67
30/09/2023 01:50	3.5	298	11	5.2	0.0	26.7	67
30/09/2023 02:00	3.5	300	10	5.3	0.0	26.7	68
30/09/2023 02:10	3.4	289	9	4.9	0.0	26.7	67
30/09/2023 02:20	2.8	284	10	4.6	0.0	26.4	68
30/09/2023 02:30	3.0	284	10	4.7	0.0	26.5	67
30/09/2023 02:40	3.4	278	7	4.4	0.0	26.6	67
30/09/2023 02:50	3.4	277	5	4.1	0.0	26.3	69
30/09/2023 03:00	3.1	283	5	3.9	0.0	26.0	69
30/09/2023 03:10	2.6	281	6	3.3	0.0	26.0	68
30/09/2023 03:20	2.4	272	5	3.0	0.0	25.7	68
30/09/2023 03:30	2.7	263	5	3.1	0.0	25.2	68
30/09/2023 03:40	2.7	271	3	3.3	0.0	24.9	66
30/09/2023 03:50	1.7	274	9	2.4	0.0	25.0	66
30/09/2023 04:00	2.1	262	10	3.0	0.0	25.1	64
30/09/2023 04:10	1.8	256	10	2.7	0.0	25.3	65
30/09/2023 04:20	1.4	264	12	2.2	0.0	25.2	64
30/09/2023 04:30	2.0	282	5	2.4	0.0	25.4	64
30/09/2023 04:40	1.4	268	17	2.4	0.0	25.4	66
30/09/2023 04:50	1.6	255	19	3.2	0.0	25.5	68
30/09/2023 05:00	2.5	247	18	5.4	0.0	25.7	66
30/09/2023 05:10	3.7	220	12	5.2	0.0	27.5	49
30/09/2023 05:20	2.5	216	12	4.2	0.0	27.7	44
30/09/2023 05:30	2.8	211	8	4.4	0.0	27.6	41
30/09/2023 05:40	3.3	209	9	4.5	0.0	28.2	33
30/09/2023 05:50	3.4	203	11	5.6	0.0	28.0	33
30/09/2023 06:00	3.9	197	10	6.0	0.0	28.1	32
30/09/2023 06:10	4.6	198	11	6.8	0.0	28.3	31
30/09/2023 06:20	4.2	196	11	6.5	0.0	28.3	30
30/09/2023 06:30	3.6	188	11	5.8	0.0	28.5	29
30/09/2023 06:40	3.4	187	12	4.8	0.0	28.5	29
30/09/2023 06:50	3.6	183	11	5.6	0.0	28.7	29
30/09/2023 07:00	4.1	186	10	6.6	0.0	28.9	29
30/09/2023 07:10	3.6	185	12	6.8	0.0	29.1	28
30/09/2023 07:20	3.5	183	12	6.3	0.0	29.4	28
30/09/2023 07:30	3.8	181	12	6.3	0.0	29.8	26
30/09/2023 07:40	4.7	187	11	6.8	0.0	30.0	25
30/09/2023 07:50	4.7	187	11	6.9	0.0	30.2	24
30/09/2023 08:00	4.3	187	12	7.0	0.0	30.5	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/09/2023 08:10	4.2	175	11	6.9	0.0	30.8	25
30/09/2023 08:20	4.2	179	12	5.9	0.0	31.2	24
30/09/2023 08:30	4.0	181	14	6.5	0.0	31.8	24
30/09/2023 08:40	3.3	161	19	5.6	0.0	32.6	24
30/09/2023 08:50	3.9	163	19	6.1	0.0	33.1	23
30/09/2023 09:00	3.6	153	21	6.7	0.0	33.9	22
30/09/2023 09:10	3.2	125	15	5.3	0.0	34.1	25
30/09/2023 09:20	2.7	133	16	4.4	0.0	33.7	27
30/09/2023 09:30	2.7	130	18	4.5	0.0	33.8	25
30/09/2023 09:40	2.9	136	18	4.4	0.0	34.2	25
30/09/2023 09:50	3.0	111	18	4.8	0.0	34.6	24
30/09/2023 10:00	3.4	119	20	5.1	0.0	34.7	23
30/09/2023 10:10	3.0	124	18	4.9	0.0	35.3	23
30/09/2023 10:20	3.0	117	18	4.7	0.0	35.5	23
30/09/2023 10:30	3.0	112	15	4.8	0.0	36.1	21
30/09/2023 10:40	2.9	123	18	5.1	0.0	36.8	20
30/09/2023 10:50	3.0	111	18	4.9	0.0	36.5	22
30/09/2023 11:00	3.7	90	13	5.3	0.0	36.3	21
30/09/2023 11:10	3.1	85	14	4.6	0.0	36.6	19
30/09/2023 11:20	3.1	93	18	5.2	0.0	37.0	18
30/09/2023 11:30	3.2	92	20	5.0	0.0	37.7	17
30/09/2023 11:40	3.6	62	13	5.3	0.0	36.9	19
30/09/2023 11:50	3.9	51	9	5.1	0.0	36.9	19
30/09/2023 12:00	4.5	53	9	5.6	0.0	36.7	19
30/09/2023 12:10	4.1	51	10	5.5	0.0	37.2	18
30/09/2023 12:20	3.8	58	13	4.9	0.0	37.8	16
30/09/2023 12:30	3.8	53	18	5.3	0.0	37.8	17
30/09/2023 12:40	3.6	20	20	5.2	0.0	38.0	22
30/09/2023 12:50	4.0	2	13	5.4	0.0	37.5	22
30/09/2023 13:00	3.9	177	17	6.0	0.0	37.8	21
30/09/2023 13:10	4.7	177	15	5.9	0.0	37.2	23
30/09/2023 13:20	4.5	179	10	5.8	0.0	37.0	23
30/09/2023 13:30	5.5	328	12	7.3	0.0	35.8	26
30/09/2023 13:40	4.8	333	11	6.9	0.0	35.9	23
30/09/2023 13:50	4.9	329	9	6.5	0.0	35.8	23
30/09/2023 14:00	4.4	338	13	6.3	0.0	36.4	22
30/09/2023 14:10	4.7	335	14	6.6	0.0	36.3	21
30/09/2023 14:20	5.2	331	10	7.1	0.0	35.7	24
30/09/2023 14:30	5.7	323	6	7.5	0.0	35.3	28
30/09/2023 14:40	4.9	334	12	6.8	0.0	35.2	28
30/09/2023 14:50	5.4	330	12	7.1	0.0	35.3	27
30/09/2023 15:00	5.5	318	11	7.5	0.0	35.4	26
30/09/2023 15:10	5.2	307	13	7.9	0.0	35.9	24
30/09/2023 15:20	5.6	299	10	7.9	0.0	35.8	23
30/09/2023 15:30	5.9	301	9	7.6	0.0	35.8	21
30/09/2023 15:40	5.5	311	12	7.7	0.0	36.0	20
30/09/2023 15:50	4.7	274	11	6.3	0.0	35.3	34
30/09/2023 16:00	4.1	295	15	5.9	0.0	36.1	28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/09/2023 16:10	4.8	279	10	6.4	0.0	35.7	34
30/09/2023 16:20	5.2	266	9	7.0	0.0	34.4	40
30/09/2023 16:30	4.9	275	10	6.2	0.0	34.2	40
30/09/2023 16:40	4.8	273	8	6.1	0.0	34.1	40
30/09/2023 16:50	4.9	284	11	6.3	0.0	33.7	42
30/09/2023 17:00	4.1	291	9	5.7	0.0	33.8	44
30/09/2023 17:10	4.7	288	9	6.5	0.0	33.5	47
30/09/2023 17:20	4.6	280	9	6.4	0.0	33.3	46
30/09/2023 17:30	4.8	282	9	6.4	0.0	33.2	41
30/09/2023 17:40	5.8	274	8	8.2	0.0	33.2	38
30/09/2023 17:50	6.1	281	8	8.3	0.0	32.6	38
30/09/2023 18:00	5.3	283	9	7.9	0.0	31.8	43
30/09/2023 18:10	4.6	280	8	6.4	0.0	31.1	46
30/09/2023 18:20	5.1	282	9	7.5	0.0	30.5	48
30/09/2023 18:30	5.3	280	8	7.2	0.0	29.8	53
30/09/2023 18:40	6.0	292	6	7.6	0.0	29.3	57
30/09/2023 18:50	6.1	291	5	8.4	0.0	29.3	57
30/09/2023 19:00	6.3	289	7	8.7	0.0	29.3	56
30/09/2023 19:10	6.1	287	8	8.4	0.0	29.2	56
30/09/2023 19:20	6.2	285	7	8.3	0.0	28.9	59
30/09/2023 19:30	6.2	289	7	8.6	0.0	28.6	62
30/09/2023 19:40	6.1	280	8	8.3	0.0	28.4	64
30/09/2023 19:50	5.3	281	7	7.7	0.0	28.2	66
30/09/2023 20:00	4.9	279	7	7.0	0.0	28.1	67
30/09/2023 20:10	5.5	278	6	7.1	0.0	28.0	67
30/09/2023 20:20	5.1	280	4	6.6	0.0	27.9	68
30/09/2023 20:30	4.7	285	6	5.9	0.0	27.9	68
30/09/2023 20:40	4.3	290	6	5.7	0.0	27.9	68
30/09/2023 20:50	4.0	285	6	5.1	0.0	28.0	67
30/09/2023 21:00	3.8	277	5	5.2	0.0	27.9	67
30/09/2023 21:10	3.6	277	6	4.4	0.0	27.9	67
30/09/2023 21:20	4.0	272	6	5.1	0.0	27.9	66
30/09/2023 21:30	4.1	272	6	5.4	0.0	28.0	64
30/09/2023 21:40	3.8	267	6	5.0	0.0	28.0	64
30/09/2023 21:50	4.0	262	5	4.7	0.0	27.9	64
30/09/2023 22:00	3.9	266	4	4.4	0.0	27.8	65
30/09/2023 22:10	4.0	263	3	4.5	0.0	27.8	63
30/09/2023 22:20	4.0	262	3	4.6	0.0	27.9	63
30/09/2023 22:30	3.9	260	4	4.5	0.0	27.8	63
30/09/2023 22:40	3.9	262	4	4.6	0.0	27.7	63
30/09/2023 22:50	4.0	266	4	4.5	0.0	27.6	62
30/09/2023 23:00	3.9	267	5	4.7	0.0	27.8	61
30/09/2023 23:10	4.0	270	5	4.6	0.0	28.1	56
30/09/2023 23:20	4.0	270	4	4.6	0.0	28.4	51
30/09/2023 23:30	4.2	271	4	5.1	0.0	28.2	51
30/09/2023 23:40	4.3	258	7	5.6	0.0	28.4	46
30/09/2023 23:50	4.5	250	8	6.2	0.0	29.5	36
01/10/2023 00:00	4.4	244	10	6.5	0.0	30.1	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/10/2023 00:10	4.9	240	11	6.3	0.0	30.6	28
01/10/2023 00:20	5.3	236	8	7.3	0.0	31.4	25
01/10/2023 00:30	4.8	231	7	6.8	0.0	31.4	26
01/10/2023 00:40	4.9	216	10	7.4	0.0	31.4	26
01/10/2023 00:50	5.8	212	8	7.7	0.0	31.5	25
01/10/2023 01:00	5.3	218	11	8.6	0.0	31.4	27
01/10/2023 01:10	6.1	215	8	8.6	0.0	31.5	26
01/10/2023 01:20	5.2	212	8	7.2	0.0	31.3	23
01/10/2023 01:30	5.0	208	7	7.2	0.0	31.1	22
01/10/2023 01:40	5.6	212	7	7.3	0.0	31.2	22
01/10/2023 01:50	5.3	211	8	7.4	0.0	31.1	22
01/10/2023 02:00	5.3	208	7	7.5	0.0	31.1	22
01/10/2023 02:10	5.7	214	7	7.4	0.0	31.0	22
01/10/2023 02:20	5.5	213	8	8.0	0.0	31.0	23
01/10/2023 02:30	4.7	210	8	6.4	0.0	30.5	23
01/10/2023 02:40	5.0	206	8	6.9	0.0	30.6	22
01/10/2023 02:50	5.1	204	7	6.7	0.0	30.5	22
01/10/2023 03:00	5.0	205	8	6.6	0.0	30.5	22
01/10/2023 03:10	5.2	207	7	7.4	0.0	30.4	21
01/10/2023 03:20	5.0	204	7	6.5	0.0	30.4	21
01/10/2023 03:30	4.3	206	7	5.8	0.0	30.1	22
01/10/2023 03:40	4.1	205	7	5.4	0.0	29.8	23
01/10/2023 03:50	4.5	209	8	6.0	0.0	29.7	23
01/10/2023 04:00	4.4	208	8	6.4	0.0	29.8	22
01/10/2023 04:10	4.4	209	7	5.8	0.0	29.8	22
01/10/2023 04:20	4.3	213	9	5.6	0.0	30.0	22
01/10/2023 04:30	3.9	213	8	5.3	0.0	29.8	22
01/10/2023 04:40	3.5	213	8	4.8	0.0	29.8	22
01/10/2023 04:50	3.5	218	8	4.9	0.0	29.7	22
01/10/2023 05:00	3.4	229	17	5.4	0.0	28.8	26
01/10/2023 05:10	2.5	238	22	4.9	0.0	27.8	29
01/10/2023 05:20	1.7	218	18	2.6	0.0	28.0	27
01/10/2023 05:30	2.6	220	11	4.2	0.0	28.7	25
01/10/2023 05:40	1.9	240	22	3.3	0.0	28.1	28
01/10/2023 05:50	2.4	232	22	4.4	0.0	27.7	29
01/10/2023 06:00	1.5	241	18	2.4	0.0	27.8	28
01/10/2023 06:10	2.4	268	10	3.2	0.0	27.1	29
01/10/2023 06:20	1.9	263	8	2.8	0.0	27.0	31
01/10/2023 06:30	1.0	329	33	1.9	0.0	27.1	31
01/10/2023 06:40	1.8	273	7	2.7	0.0	27.8	29
01/10/2023 06:50	2.3	253	11	3.2	0.0	28.2	29
01/10/2023 07:00	1.5	277	12	2.2	0.0	27.7	33
01/10/2023 07:10	1.8	295	10	2.5	0.0	28.3	30
01/10/2023 07:20	3.2	262	6	3.8	0.0	28.5	31
01/10/2023 07:30	2.6	261	9	3.5	0.0	28.7	32
01/10/2023 07:40	2.1	278	11	3.0	0.0	29.2	29
01/10/2023 07:50	2.8	256	9	3.6	0.0	29.4	31
01/10/2023 08:00	2.6	268	6	3.3	0.0	29.2	34



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/10/2023 08:10	2.7	269	12	3.7	0.0	29.8	32
01/10/2023 08:20	2.1	257	19	2.9	0.0	30.3	30
01/10/2023 08:30	2.1	265	17	2.8	0.0	30.9	29
01/10/2023 08:40	2.0	268	17	3.3	0.0	31.5	28
01/10/2023 08:50	2.4	279	15	3.5	0.0	31.8	28
01/10/2023 09:00	2.4	269	21	3.5	0.0	32.2	30
01/10/2023 09:10	2.3	284	23	3.6	0.0	32.2	29
01/10/2023 09:20	2.8	267	12	3.7	0.0	32.2	33
01/10/2023 09:30	3.2	266	9	4.5	0.0	31.9	34
01/10/2023 09:40	3.4	276	9	4.5	0.0	32.0	34
01/10/2023 09:50	3.2	279	12	4.5	0.0	32.3	34
01/10/2023 10:00	3.3	280	12	4.4	0.0	32.6	35
01/10/2023 10:10	3.2	283	12	4.3	0.0	32.8	34
01/10/2023 10:20	3.8	281	9	4.8	0.0	32.9	34
01/10/2023 10:30	4.3	286	9	5.4	0.0	32.9	33
01/10/2023 10:40	4.4	275	9	5.5	0.0	33.2	32
01/10/2023 10:50	4.3	285	10	5.4	0.0	33.5	31
01/10/2023 11:00	4.8	281	10	5.9	0.0	33.1	34
01/10/2023 11:10	5.1	275	9	6.4	0.0	32.4	40
01/10/2023 11:20	5.5	271	6	6.8	0.0	32.0	41
01/10/2023 11:30	5.1	267	8	6.2	0.0	31.8	42
01/10/2023 11:40	5.6	269	7	7.0	0.0	31.9	43
01/10/2023 11:50	5.7	266	6	6.9	0.0	32.0	41
01/10/2023 12:00	6.0	272	6	7.4	0.0	32.0	42
01/10/2023 12:10	5.6	277	7	7.4	0.0	32.4	41
01/10/2023 12:20	6.4	279	5	7.5	0.0	32.0	44
01/10/2023 12:30	6.8	274	5	8.3	0.0	31.5	44
01/10/2023 12:40	7.0	275	8	8.8	0.0	31.9	41
01/10/2023 12:50	7.9	266	7	10.4	0.0	32.1	37
01/10/2023 13:00	8.1	268	7	10.1	0.0	31.7	39
01/10/2023 13:10	8.2	274	8	10.0	0.0	31.4	42
01/10/2023 13:20	8.2	273	7	10.0	0.0	31.0	44
01/10/2023 13:30	8.0	269	8	10.0	0.0	30.5	47
01/10/2023 13:40	7.5	271	8	9.2	0.0	30.3	50
01/10/2023 13:50	7.0	272	10	9.3	0.0	31.2	47
01/10/2023 14:00	8.7	272	6	10.3	0.0	30.4	49
01/10/2023 14:10	7.6	275	7	9.8	0.0	30.1	53
01/10/2023 14:20	6.9	271	11	9.8	0.0	30.9	49
01/10/2023 14:30	7.5	270	8	9.7	0.0	31.1	48
01/10/2023 14:40	8.0	264	7	10.1	0.0	31.0	48
01/10/2023 14:50	8.3	268	7	10.6	0.0	30.9	47
01/10/2023 15:00	8.5	269	8	10.6	0.0	30.8	48
01/10/2023 15:10	8.2	269	8	10.6	0.0	30.8	49
01/10/2023 15:20	8.1	269	8	10.8	0.0	30.8	49
01/10/2023 15:30	8.7	269	7	11.1	0.0	30.4	49
01/10/2023 15:40	8.8	268	8	11.5	0.0	30.6	48
01/10/2023 15:50	8.8	269	7	11.2	0.0	30.4	50
01/10/2023 16:00	8.6	269	7	10.8	0.0	30.2	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/10/2023 16:10	8.8	270	7	11.2	0.0	30.0	51
01/10/2023 16:20	8.9	272	7	11.7	0.0	29.9	52
01/10/2023 16:30	7.8	270	8	10.1	0.0	29.7	54
01/10/2023 16:40	8.2	276	7	10.1	0.0	29.6	53
01/10/2023 16:50	7.0	274	7	9.4	0.0	29.8	52
01/10/2023 17:00	7.4	270	7	9.7	0.0	30.1	49
01/10/2023 17:10	7.3	268	7	9.6	0.0	30.0	50
01/10/2023 17:20	8.0	263	7	11.0	0.0	29.5	51
01/10/2023 17:30	8.1	262	6	10.9	0.0	29.1	52
01/10/2023 17:40	8.3	264	7	10.2	0.0	28.8	54
01/10/2023 17:50	8.1	265	7	11.2	0.0	28.6	53
01/10/2023 18:00	8.0	266	7	10.8	0.0	28.5	53
01/10/2023 18:10	8.3	262	7	10.8	0.0	28.2	53
01/10/2023 18:20	7.7	261	7	10.7	0.0	27.7	59
01/10/2023 18:30	8.5	263	6	11.0	0.0	27.3	62
01/10/2023 18:40	8.7	263	6	11.8	0.0	27.0	65
01/10/2023 18:50	8.0	264	6	10.9	0.0	26.9	63
01/10/2023 19:00	9.1	264	5	11.8	0.0	26.9	62
01/10/2023 19:10	8.8	263	6	11.1	0.0	26.8	63
01/10/2023 19:20	7.7	263	7	9.9	0.0	26.7	66
01/10/2023 19:30	7.6	262	6	10.7	0.0	26.6	66
01/10/2023 19:40	7.5	262	5	9.8	0.0	26.5	64
01/10/2023 19:50	6.9	262	5	9.4	0.0	26.6	60
01/10/2023 20:00	6.1	260	6	8.4	0.0	26.6	60
01/10/2023 20:10	5.6	257	8	7.3	0.0	26.5	62
01/10/2023 20:20	5.8	262	6	7.7	0.0	26.4	62
01/10/2023 20:30	6.3	261	6	8.1	0.0	26.5	64
01/10/2023 20:40	6.8	263	6	8.7	0.0	26.5	65
01/10/2023 20:50	7.0	258	7	9.6	0.0	26.4	64
01/10/2023 21:00	7.0	258	7	9.1	0.0	26.2	65
01/10/2023 21:10	7.4	261	7	9.5	0.0	26.0	67
01/10/2023 21:20	6.9	263	6	8.8	0.0	25.9	68
01/10/2023 21:30	6.9	262	7	8.8	0.0	25.8	69
01/10/2023 21:40	7.7	261	5	10.2	0.0	25.8	69
01/10/2023 21:50	7.5	260	7	9.8	0.0	25.6	69
01/10/2023 22:00	8.5	260	7	10.7	0.0	25.6	69
01/10/2023 22:10	8.2	251	7	11.1	0.0	25.5	69
01/10/2023 22:20	6.9	252	9	9.5	0.0	25.5	69
01/10/2023 22:30	6.3	253	8	9.3	0.0	25.4	69
01/10/2023 22:40	8.0	254	8	11.1	0.0	25.3	69
01/10/2023 22:50	8.7	252	8	11.6	0.0	25.3	68
01/10/2023 23:00	8.4	251	8	11.8	0.0	25.3	69
01/10/2023 23:10	8.7	249	8	12.0	0.0	25.2	69
01/10/2023 23:20	6.9	241	10	10.3	0.0	25.3	69
01/10/2023 23:30	6.6	247	9	9.5	0.0	25.2	70
01/10/2023 23:40	7.4	251	8	10.4	0.0	25.1	70
01/10/2023 23:50	8.1	253	7	10.6	0.0	24.8	70
02/10/2023 00:00	7.3	248	8	9.8	0.0	24.9	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/10/2023 00:10	7.3	249	8	10.5	0.0	24.9	70
02/10/2023 00:20	8.1	251	7	10.2	0.0	24.8	70
02/10/2023 00:30	8.3	252	7	10.8	0.0	24.7	70
02/10/2023 00:40	7.8	253	7	11.1	0.0	24.6	70
02/10/2023 00:50	7.5	254	7	10.0	0.0	24.4	70
02/10/2023 01:00	7.8	256	7	11.2	0.0	24.3	70
02/10/2023 01:10	7.7	256	7	10.7	0.0	24.1	71
02/10/2023 01:20	8.6	256	6	11.7	0.0	24.0	71
02/10/2023 01:30	7.8	252	9	10.1	0.0	24.0	70
02/10/2023 01:40	7.0	254	7	9.9	0.0	23.9	70
02/10/2023 01:50	7.7	251	9	10.4	0.0	23.8	70
02/10/2023 02:00	7.1	253	8	9.7	0.0	23.7	70
02/10/2023 02:10	8.1	254	6	10.9	0.0	23.5	68
02/10/2023 02:20	8.3	256	6	10.9	0.0	23.3	68
02/10/2023 02:30	8.2	257	7	11.2	0.0	23.1	67
02/10/2023 02:40	8.1	256	6	11.0	0.0	22.9	67
02/10/2023 02:50	8.5	256	6	10.8	0.0	22.8	66
02/10/2023 03:00	7.3	254	6	10.1	0.0	22.6	66
02/10/2023 03:10	7.3	256	6	9.5	0.0	22.5	66
02/10/2023 03:20	7.0	256	7	9.5	0.0	22.3	66
02/10/2023 03:30	6.9	259	6	9.1	0.0	22.1	66
02/10/2023 03:40	6.9	258	6	8.9	0.0	22.0	66
02/10/2023 03:50	7.0	255	7	9.3	0.0	21.9	65
02/10/2023 04:00	6.9	256	6	8.9	0.0	21.9	65
02/10/2023 04:10	6.4	259	6	8.8	0.0	21.8	65
02/10/2023 04:20	6.4	261	6	8.8	0.0	21.8	64
02/10/2023 04:30	6.7	261	6	8.2	0.0	21.8	63
02/10/2023 04:40	6.6	257	6	8.0	0.0	21.8	63
02/10/2023 04:50	6.6	257	6	8.5	0.0	21.7	63
02/10/2023 05:00	6.7	256	6	8.6	0.0	21.6	62
02/10/2023 05:10	6.8	263	7	9.2	0.0	21.6	61
02/10/2023 05:20	6.6	260	5	8.7	0.0	21.7	60
02/10/2023 05:30	7.0	260	6	9.4	0.0	21.7	59
02/10/2023 05:40	7.0	259	6	8.9	0.0	21.6	59
02/10/2023 05:50	7.2	260	6	9.2	0.0	21.6	58
02/10/2023 06:00	6.8	256	6	8.8	0.0	21.5	58
02/10/2023 06:10	6.9	260	6	9.8	0.0	21.5	57
02/10/2023 06:20	7.1	260	6	9.0	0.0	21.6	56
02/10/2023 06:30	6.8	261	7	8.7	0.0	21.7	56
02/10/2023 06:40	6.3	261	7	8.7	0.0	21.8	56
02/10/2023 06:50	6.2	257	7	7.8	0.0	22.1	55
02/10/2023 07:00	5.6	251	9	7.3	0.0	22.5	53
02/10/2023 07:10	5.7	249	11	7.8	0.0	22.8	52
02/10/2023 07:20	5.7	237	10	8.1	0.0	23.1	50
02/10/2023 07:30	6.4	245	12	8.7	0.0	23.4	49
02/10/2023 07:40	6.2	244	11	9.4	0.0	23.7	48
02/10/2023 07:50	6.0	246	12	8.9	0.0	24.0	47
02/10/2023 08:00	5.8	238	11	8.9	0.0	24.2	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/10/2023 08:10	5.7	232	9	7.9	0.0	24.4	46
02/10/2023 08:20	5.4	237	11	7.7	0.0	24.8	45
02/10/2023 08:30	5.5	236	11	7.4	0.0	25.1	44
02/10/2023 08:40	5.6	241	12	8.0	0.0	25.4	43
02/10/2023 08:50	5.3	238	10	7.3	0.0	26.0	42
02/10/2023 09:00	6.1	235	11	8.2	0.0	26.3	41
02/10/2023 09:10	6.0	238	12	8.0	0.0	26.8	40
02/10/2023 09:20	6.2	248	10	8.5	0.0	27.3	39
02/10/2023 09:30	6.5	250	11	9.9	0.0	27.8	37
02/10/2023 09:40	5.6	235	10	7.8	0.0	28.1	36
02/10/2023 09:50	4.3	265	15	6.2	0.0	28.5	38
02/10/2023 10:00	4.1	288	11	6.0	0.0	28.5	38
02/10/2023 10:10	4.5	282	15	6.6	0.0	28.7	37
02/10/2023 10:20	5.2	284	10	7.0	0.0	28.9	39
02/10/2023 10:30	5.6	286	9	7.4	0.0	28.5	43
02/10/2023 10:40	5.8	283	8	7.9	0.0	28.7	43
02/10/2023 10:50	6.1	283	13	7.7	0.0	29.1	41
02/10/2023 11:00	6.4	292	8	8.7	0.0	28.5	42
02/10/2023 11:10	7.1	285	10	9.7	0.0	29.0	42
02/10/2023 11:20	6.9	286	9	8.9	0.0	29.3	42
02/10/2023 11:30	7.4	281	8	9.2	0.0	29.2	41
02/10/2023 11:40	7.6	276	7	9.6	0.0	29.4	41
02/10/2023 11:50	8.2	276	8	10.5	0.0	29.5	40
02/10/2023 12:00	8.6	274	5	10.6	0.0	29.5	40
02/10/2023 12:10	9.1	279	7	11.3	0.0	29.1	42
02/10/2023 12:20	9.3	279	6	11.5	0.0	29.1	42
02/10/2023 12:30	9.2	280	6	11.6	0.0	29.1	43
02/10/2023 12:40	8.6	279	7	10.9	0.0	29.2	43
02/10/2023 12:50	9.2	274	6	10.8	0.0	28.9	44
02/10/2023 13:00	9.1	277	8	11.7	0.0	29.0	45
02/10/2023 13:10	9.0	274	7	11.7	0.0	29.1	47
02/10/2023 13:20	9.0	275	6	11.4	0.0	28.8	50
02/10/2023 13:30	9.5	274	6	11.9	0.0	28.4	52
02/10/2023 13:40	9.5	276	7	11.7	0.0	28.4	53
02/10/2023 13:50	9.3	274	8	11.8	0.0	28.7	53
02/10/2023 14:00	9.2	272	7	11.9	0.0	28.4	53
02/10/2023 14:10	9.0	274	7	12.2	0.0	28.9	53
02/10/2023 14:20	8.8	269	8	11.7	0.0	28.7	53
02/10/2023 14:30	8.8	274	8	11.4	0.0	28.7	53
02/10/2023 14:40	9.0	271	10	12.4	0.0	28.7	52
02/10/2023 14:50	8.9	274	7	11.4	0.0	28.6	54
02/10/2023 15:00	8.5	277	8	10.9	0.0	28.7	55
02/10/2023 15:10	8.7	274	8	11.3	0.0	28.6	55
02/10/2023 15:20	8.5	276	8	11.3	0.0	28.7	56
02/10/2023 15:30	8.6	271	8	11.1	0.0	28.5	56
02/10/2023 15:40	7.6	276	9	10.1	0.0	29.0	55
02/10/2023 15:50	7.7	279	9	10.2	0.0	28.9	55
02/10/2023 16:00	7.6	279	7	10.5	0.0	28.8	56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/10/2023 16:10	7.6	280	8	10.8	0.0	28.8	56
02/10/2023 16:20	7.8	284	7	10.2	0.0	28.5	56
02/10/2023 16:30	7.7	284	7	10.1	0.0	28.3	57
02/10/2023 16:40	7.4	283	6	9.9	0.0	28.2	57
02/10/2023 16:50	8.0	280	7	9.9	0.0	28.2	57
02/10/2023 17:00	6.7	284	7	9.0	0.0	28.2	59
02/10/2023 17:10	6.6	284	8	9.4	0.0	28.2	59
02/10/2023 17:20	6.8	281	8	8.7	0.0	27.9	60
02/10/2023 17:30	6.7	279	7	8.9	0.0	27.9	60
02/10/2023 17:40	6.5	280	8	8.9	0.0	27.7	61
02/10/2023 17:50	6.9	281	7	9.3	0.0	27.5	62
02/10/2023 18:00	6.7	283	6	8.8	0.0	27.2	64
02/10/2023 18:10	6.7	283	6	8.4	0.0	26.9	64
02/10/2023 18:20	6.7	281	6	8.6	0.0	26.8	64
02/10/2023 18:30	6.5	278	6	8.6	0.0	26.8	65
02/10/2023 18:40	6.8	277	6	9.2	0.0	26.7	64
02/10/2023 18:50	6.9	276	6	9.6	0.0	26.7	65
02/10/2023 19:00	6.1	276	6	8.5	0.0	26.6	65
02/10/2023 19:10	6.9	275	6	9.0	0.0	26.4	67
02/10/2023 19:20	6.5	277	6	8.4	0.0	26.2	70
02/10/2023 19:30	7.1	278	7	9.1	0.0	25.9	70
02/10/2023 19:40	6.4	275	6	8.5	0.0	25.9	70
02/10/2023 19:50	6.3	278	7	8.5	0.0	25.8	70
02/10/2023 20:00	5.6	278	6	7.6	0.0	25.7	71
02/10/2023 20:10	6.2	275	6	8.3	0.0	25.7	71
02/10/2023 20:20	5.6	273	5	7.3	0.0	25.6	71
02/10/2023 20:30	5.7	275	6	7.8	0.0	25.6	71
02/10/2023 20:40	5.2	275	7	7.4	0.0	25.6	71
02/10/2023 20:50	5.5	274	6	7.1	0.0	25.5	71
02/10/2023 21:00	5.0	273	6	6.5	0.0	25.5	71
02/10/2023 21:10	5.0	272	5	6.8	0.0	25.5	71
02/10/2023 21:20	4.7	273	5	6.1	0.0	25.4	71
02/10/2023 21:30	4.9	273	5	7.3	0.0	25.4	71
02/10/2023 21:40	4.3	274	5	5.4	0.0	25.4	71
02/10/2023 21:50	4.4	275	5	5.7	0.0	25.4	71
02/10/2023 22:00	4.1	273	4	5.3	0.0	25.4	71
02/10/2023 22:10	4.3	273	4	5.8	0.0	25.3	71
02/10/2023 22:20	4.0	271	4	5.2	0.0	25.3	71
02/10/2023 22:30	3.7	271	3	5.0	0.0	25.2	70
02/10/2023 22:40	3.1	275	3	3.9	0.0	25.0	70
02/10/2023 22:50	2.8	277	4	3.4	0.0	24.9	71
02/10/2023 23:00	3.2	270	4	4.0	0.0	24.8	70
02/10/2023 23:10	3.1	264	2	3.4	0.0	24.7	70
02/10/2023 23:20	3.0	261	2	3.3	0.0	24.3	71
02/10/2023 23:30	2.8	260	3	3.3	0.0	24.0	71
02/10/2023 23:40	2.5	266	3	3.1	0.0	23.9	71
02/10/2023 23:50	3.0	270	2	3.3	0.0	23.8	70
03/10/2023 00:00	3.5	274	2	4.1	0.0	24.1	69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/10/2023 00:10	3.4	275	3	4.2	0.0	24.3	68
03/10/2023 00:20	3.6	268	4	4.3	0.0	24.3	67
03/10/2023 00:30	3.0	263	2	3.3	0.0	24.0	66
03/10/2023 00:40	2.8	270	2	3.2	0.0	24.0	65
03/10/2023 00:50	2.3	270	4	2.9	0.0	23.9	63
03/10/2023 01:00	2.8	271	5	3.6	0.0	23.7	59
03/10/2023 01:10	3.1	276	4	3.9	0.0	24.0	51
03/10/2023 01:20	2.8	279	5	3.7	0.0	24.1	47
03/10/2023 01:30	2.3	271	5	3.1	0.0	23.9	47
03/10/2023 01:40	3.0	273	2	3.5	0.0	23.9	47
03/10/2023 01:50	3.1	279	4	4.1	0.0	24.1	44
03/10/2023 02:00	2.6	269	5	3.3	0.0	24.1	45
03/10/2023 02:10	2.8	264	4	3.5	0.0	24.1	45
03/10/2023 02:20	2.9	265	3	3.3	0.0	24.0	46
03/10/2023 02:30	3.2	277	7	4.1	0.0	24.0	44
03/10/2023 02:40	3.5	269	4	4.1	0.0	24.7	39
03/10/2023 02:50	2.7	261	7	3.8	0.0	24.3	40
03/10/2023 03:00	3.1	251	13	4.3	0.0	25.1	32
03/10/2023 03:10	2.1	235	14	3.5	0.0	25.8	31
03/10/2023 03:20	2.6	255	12	3.9	0.0	25.0	33
03/10/2023 03:30	2.4	247	14	4.3	0.0	25.3	32
03/10/2023 03:40	2.1	246	26	3.7	0.0	25.7	31
03/10/2023 03:50	2.2	230	28	4.6	0.0	25.9	30
03/10/2023 04:00	2.4	229	24	4.2	0.0	26.2	29
03/10/2023 04:10	2.7	222	20	4.0	0.0	26.1	29
03/10/2023 04:20	3.1	221	16	4.4	0.0	26.4	28
03/10/2023 04:30	2.3	255	21	4.0	0.0	25.1	32
03/10/2023 04:40	1.9	257	14	2.8	0.0	23.9	36
03/10/2023 04:50	2.4	270	9	3.5	0.0	23.4	37
03/10/2023 05:00	2.7	277	7	3.4	0.0	23.3	38
03/10/2023 05:10	2.5	269	9	3.2	0.0	23.1	38
03/10/2023 05:20	2.3	262	14	3.9	0.0	23.3	38
03/10/2023 05:30	2.2	243	17	3.8	0.0	23.1	39
03/10/2023 05:40	2.8	239	21	4.6	0.0	24.0	37
03/10/2023 05:50	2.6	237	21	4.4	0.0	24.3	35
03/10/2023 06:00	3.2	216	9	5.5	0.0	25.3	31
03/10/2023 06:10	2.8	214	11	4.4	0.0	25.2	31
03/10/2023 06:20	3.4	207	12	4.9	0.0	25.3	30
03/10/2023 06:30	3.3	195	12	5.6	0.0	25.4	30
03/10/2023 06:40	2.7	189	16	5.0	0.0	25.5	30
03/10/2023 06:50	3.6	181	12	5.6	0.0	25.8	30
03/10/2023 07:00	3.8	178	14	5.6	0.0	26.0	30
03/10/2023 07:10	3.7	173	14	5.3	0.0	26.1	31
03/10/2023 07:20	2.4	142	19	4.4	0.0	27.0	28
03/10/2023 07:30	2.4	128	16	4.3	0.0	28.0	25
03/10/2023 07:40	2.6	126	22	4.0	0.0	28.8	24
03/10/2023 07:50	2.5	133	15	4.3	0.0	28.2	25
03/10/2023 08:00	2.8	128	15	4.1	0.0	28.5	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/10/2023 08:10	3.4	121	16	5.8	0.0	28.6	25
03/10/2023 08:20	3.0	116	20	5.1	0.0	28.6	26
03/10/2023 08:30	3.4	108	14	5.5	0.0	28.9	26
03/10/2023 08:40	3.3	107	13	4.9	0.0	28.4	31
03/10/2023 08:50	3.2	111	14	4.8	0.0	28.3	34
03/10/2023 09:00	3.4	103	13	4.8	0.0	28.9	30
03/10/2023 09:10	3.5	106	13	5.7	0.0	29.6	24
03/10/2023 09:20	4.1	88	12	6.0	0.0	29.3	24
03/10/2023 09:30	3.7	94	12	5.6	0.0	29.8	26
03/10/2023 09:40	4.6	83	11	6.5	0.0	29.5	29
03/10/2023 09:50	5.6	76	9	7.6	0.0	29.3	30
03/10/2023 10:00	5.6	85	11	7.9	0.0	29.4	32
03/10/2023 10:10	5.5	75	12	7.5	0.0	29.6	34
03/10/2023 10:20	5.9	85	9	8.0	0.0	30.2	31
03/10/2023 10:30	6.0	74	12	7.9	0.0	30.6	32
03/10/2023 10:40	6.3	76	10	9.1	0.0	30.9	30
03/10/2023 10:50	6.0	90	9	8.4	0.0	31.5	29
03/10/2023 11:00	6.1	81	10	8.6	0.0	31.1	30
03/10/2023 11:10	6.6	79	10	9.5	0.0	31.3	29
03/10/2023 11:20	6.4	74	10	9.1	0.0	31.3	31
03/10/2023 11:30	5.5	73	13	7.2	0.0	31.4	32
03/10/2023 11:40	6.1	73	10	9.0	0.0	31.5	32
03/10/2023 11:50	5.8	71	11	7.7	0.0	31.4	33
03/10/2023 12:00	6.3	66	12	9.2	0.0	31.7	32
03/10/2023 12:10	6.4	65	9	9.3	0.0	31.7	31
03/10/2023 12:20	6.8	59	8	9.3	0.0	31.7	31
03/10/2023 12:30	6.5	63	10	9.1	0.0	31.6	30
03/10/2023 12:40	6.5	62	10	8.8	0.0	31.7	32
03/10/2023 12:50	6.5	56	10	9.5	0.0	31.6	32
03/10/2023 13:00	6.3	57	9	8.3	0.0	31.8	32
03/10/2023 13:10	6.4	56	10	8.7	0.0	32.1	31
03/10/2023 13:20	7.2	60	7	9.1	0.0	32.0	30
03/10/2023 13:30	6.8	66	9	8.6	0.0	32.7	28
03/10/2023 13:40	6.3	65	10	8.6	0.0	32.9	28
03/10/2023 13:50	6.4	63	8	8.9	0.0	33.0	27
03/10/2023 14:00	6.6	67	6	8.6	0.0	33.1	26
03/10/2023 14:10	6.3	65	8	8.3	0.0	33.2	26
03/10/2023 14:20	6.2	61	9	8.1	0.0	33.1	26
03/10/2023 14:30	5.7	64	9	7.9	0.0	33.7	25
03/10/2023 14:40	6.0	55	10	7.9	0.0	33.6	25
03/10/2023 14:50	6.0	56	6	7.4	0.0	33.5	24
03/10/2023 15:00	5.6	57	6	6.9	0.0	33.7	23
03/10/2023 15:10	5.4	62	8	6.6	0.0	33.9	23
03/10/2023 15:20	4.7	51	12	6.3	0.0	34.3	23
03/10/2023 15:30	5.0	25	19	6.6	0.0	33.9	29
03/10/2023 15:40	4.3	173	16	6.3	0.0	32.5	40
03/10/2023 15:50	4.2	348	8	5.7	0.0	32.3	39
03/10/2023 16:00	4.4	177	11	5.8	0.0	32.7	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/10/2023 16:10	5.0	343	9	6.7	0.0	31.3	45
03/10/2023 16:20	4.5	332	9	6.0	0.0	30.7	47
03/10/2023 16:30	4.3	341	9	5.4	0.0	31.0	44
03/10/2023 16:40	4.4	338	9	5.5	0.0	30.4	48
03/10/2023 16:50	3.3	343	9	4.4	0.0	30.8	46
03/10/2023 17:00	2.0	348	15	3.2	0.0	31.7	41
03/10/2023 17:10	2.4	291	23	4.0	0.0	32.2	41
03/10/2023 17:20	2.3	289	14	3.6	0.0	30.8	45
03/10/2023 17:30	2.6	293	9	3.5	0.0	30.4	45
03/10/2023 17:40	3.0	293	15	4.1	0.0	30.2	43
03/10/2023 17:50	3.7	282	11	4.9	0.0	29.5	45
03/10/2023 18:00	3.9	280	6	5.0	0.0	28.9	45
03/10/2023 18:10	4.8	271	8	6.2	0.0	28.1	62
03/10/2023 18:20	4.8	271	7	6.5	0.0	27.3	67
03/10/2023 18:30	5.3	267	6	7.0	0.0	27.0	67
03/10/2023 18:40	4.9	270	7	6.9	0.0	26.9	66
03/10/2023 18:50	5.5	268	7	7.2	0.0	26.7	66
03/10/2023 19:00	5.6	274	6	6.9	0.0	26.6	66
03/10/2023 19:10	5.7	266	7	7.1	0.0	26.4	67
03/10/2023 19:20	5.7	261	5	6.8	0.0	26.1	68
03/10/2023 19:30	5.4	264	5	6.9	0.0	26.1	67
03/10/2023 19:40	4.5	268	5	6.0	0.0	26.3	64
03/10/2023 19:50	5.8	264	4	7.1	0.0	26.3	62
03/10/2023 20:00	5.6	269	5	7.4	0.0	26.4	60
03/10/2023 20:10	5.9	270	5	7.9	0.0	26.4	58
03/10/2023 20:20	5.4	266	4	7.3	0.0	26.4	59
03/10/2023 20:30	5.4	262	5	6.7	0.0	26.3	59
03/10/2023 20:40	5.2	264	5	6.9	0.0	26.1	62
03/10/2023 20:50	4.8	263	5	6.1	0.0	26.0	65
03/10/2023 21:00	5.0	265	4	6.6	0.0	25.7	66
03/10/2023 21:10	5.2	266	5	7.1	0.0	26.0	61
03/10/2023 21:20	5.0	263	4	6.3	0.0	25.9	61
03/10/2023 21:30	5.2	263	4	6.3	0.0	25.8	61
03/10/2023 21:40	4.9	264	5	6.0	0.0	25.8	58
03/10/2023 21:50	4.9	263	3	5.8	0.0	25.6	58
03/10/2023 22:00	5.3	263	4	6.7	0.0	25.5	59
03/10/2023 22:10	5.0	263	4	6.1	0.0	25.5	60
03/10/2023 22:20	5.5	261	5	6.7	0.0	25.6	56
03/10/2023 22:30	5.8	263	4	6.9	0.0	25.5	53
03/10/2023 22:40	5.3	267	4	6.5	0.0	25.6	50
03/10/2023 22:50	5.8	267	4	7.3	0.0	25.7	46
03/10/2023 23:00	6.0	265	5	7.6	0.0	25.9	42
03/10/2023 23:10	4.7	263	5	6.3	0.0	25.6	43
03/10/2023 23:20	5.2	267	5	6.5	0.0	25.4	45
03/10/2023 23:30	5.3	267	4	6.7	0.0	25.4	46
03/10/2023 23:40	5.1	265	5	6.6	0.0	25.4	45
03/10/2023 23:50	4.6	263	4	6.0	0.0	25.4	44
04/10/2023 00:00	4.8	260	6	6.5	0.0	25.5	43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/10/2023 00:10	4.9	262	7	5.9	0.0	25.7	40
04/10/2023 00:20	5.3	258	7	6.7	0.0	25.7	40
04/10/2023 00:30	4.6	261	7	6.1	0.0	25.8	39
04/10/2023 00:40	4.2	265	6	5.6	0.0	25.8	38
04/10/2023 00:50	3.6	267	14	6.1	0.0	25.8	37
04/10/2023 01:00	5.4	256	12	8.0	0.0	26.2	36
04/10/2023 01:10	4.6	255	10	6.4	0.0	26.3	35
04/10/2023 01:20	4.5	253	11	6.5	0.0	26.3	35
04/10/2023 01:30	4.4	255	11	6.7	0.0	26.1	36
04/10/2023 01:40	4.7	265	8	6.8	0.0	25.5	38
04/10/2023 01:50	4.4	256	9	6.2	0.0	25.6	37
04/10/2023 02:00	3.8	262	9	5.5	0.0	25.6	36
04/10/2023 02:10	4.6	261	8	6.4	0.0	25.5	36
04/10/2023 02:20	4.7	263	5	5.9	0.0	25.6	35
04/10/2023 02:30	4.9	264	5	6.0	0.0	25.7	35
04/10/2023 02:40	5.2	261	6	6.8	0.0	25.9	33
04/10/2023 02:50	5.3	257	7	7.0	0.0	26.1	33
04/10/2023 03:00	4.8	255	6	6.2	0.0	26.1	32
04/10/2023 03:10	4.5	253	8	6.7	0.0	26.0	32
04/10/2023 03:20	4.5	258	8	5.8	0.0	26.0	32
04/10/2023 03:30	4.8	264	6	6.4	0.0	26.1	31
04/10/2023 03:40	4.7	267	5	5.9	0.0	26.0	31
04/10/2023 03:50	4.7	268	5	5.6	0.0	25.7	32
04/10/2023 04:00	4.7	268	4	6.0	0.0	25.7	32
04/10/2023 04:10	4.3	268	5	5.5	0.0	25.5	32
04/10/2023 04:20	3.8	257	10	6.2	0.0	25.4	33
04/10/2023 04:30	4.3	248	12	6.1	0.0	25.9	32
04/10/2023 04:40	3.5	251	15	6.5	0.0	25.8	32
04/10/2023 04:50	2.2	212	19	4.3	0.0	25.6	32
04/10/2023 05:00	1.9	207	39	4.2	0.0	25.6	32
04/10/2023 05:10	4.1	131	25	7.3	0.0	24.7	41
04/10/2023 05:20	2.4	101	22	4.2	0.0	24.2	46
04/10/2023 05:30	1.7	79	14	2.5	0.0	24.2	42
04/10/2023 05:40	1.6	69	9	2.1	0.0	23.8	46
04/10/2023 05:50	1.8	97	12	3.0	0.0	23.8	48
04/10/2023 06:00	1.7	103	10	2.5	0.0	23.6	50
04/10/2023 06:10	1.7	98	6	2.1	0.0	23.8	52
04/10/2023 06:20	1.5	96	8	2.1	0.0	23.8	50
04/10/2023 06:30	1.6	104	8	2.2	0.0	24.4	49
04/10/2023 06:40	1.3	89	14	1.9	0.0	25.2	46
04/10/2023 06:50	1.9	72	7	2.6	0.0	26.0	43
04/10/2023 07:00	1.8	80	10	2.3	0.0	26.3	43
04/10/2023 07:10	2.0	95	9	2.9	0.0	27.1	39
04/10/2023 07:20	2.3	107	11	3.4	0.0	27.4	41
04/10/2023 07:30	2.7	106	12	4.1	0.0	27.0	43
04/10/2023 07:40	2.7	111	14	4.4	0.0	27.0	45
04/10/2023 07:50	4.0	105	11	6.4	0.0	27.6	40
04/10/2023 08:00	5.0	101	11	7.5	0.0	28.3	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/10/2023 08:10	4.9	100	10	6.7	0.0	28.8	28
04/10/2023 08:20	5.1	101	10	6.9	0.0	29.1	28
04/10/2023 08:30	5.0	102	11	7.7	0.0	29.4	25
04/10/2023 08:40	5.7	102	11	8.3	0.0	29.6	24
04/10/2023 08:50	5.8	100	10	8.5	0.0	29.7	25
04/10/2023 09:00	5.3	102	12	7.6	0.0	30.0	27
04/10/2023 09:10	5.7	97	9	7.6	0.0	30.2	31
04/10/2023 09:20	6.7	92	8	8.9	0.0	30.1	31
04/10/2023 09:30	8.1	91	6	10.3	0.0	30.1	29
04/10/2023 09:40	7.4	95	9	10.1	0.0	30.7	25
04/10/2023 09:50	6.6	96	9	9.7	0.0	30.9	25
04/10/2023 10:00	7.4	95	9	10.4	0.0	30.7	26
04/10/2023 10:10	6.8	91	9	9.7	0.0	31.1	26
04/10/2023 10:20	6.1	91	10	9.0	0.0	31.2	26
04/10/2023 10:30	6.6	87	10	9.1	0.0	31.2	25
04/10/2023 10:40	7.3	89	8	10.5	0.0	31.2	26
04/10/2023 10:50	7.0	89	9	9.8	0.0	31.2	25
04/10/2023 11:00	6.9	79	8	9.1	0.0	31.3	27
04/10/2023 11:10	7.9	76	8	10.4	0.0	31.1	26
04/10/2023 11:20	8.7	77	8	11.0	0.0	30.7	23
04/10/2023 11:30	8.2	80	9	11.5	0.0	31.2	21
04/10/2023 11:40	7.9	83	8	11.1	0.0	31.4	22
04/10/2023 11:50	6.8	86	10	10.0	0.0	31.4	24
04/10/2023 12:00	7.3	72	10	10.3	0.0	31.3	26
04/10/2023 12:10	8.4	63	9	11.2	0.0	31.0	26
04/10/2023 12:20	7.7	65	8	10.4	0.0	30.7	26
04/10/2023 12:30	7.7	63	8	10.4	0.0	31.0	26
04/10/2023 12:40	7.8	67	10	10.7	0.0	31.2	25
04/10/2023 12:50	8.3	63	8	10.9	0.0	30.9	26
04/10/2023 13:00	7.6	60	8	9.8	0.0	30.8	25
04/10/2023 13:10	7.1	62	8	9.9	0.0	31.0	21
04/10/2023 13:20	7.1	64	10	9.7	0.0	31.3	23
04/10/2023 13:30	6.9	64	9	9.5	0.0	31.2	25
04/10/2023 13:40	6.2	61	9	8.5	0.0	31.0	29
04/10/2023 13:50	6.1	60	12	8.2	0.0	30.9	30
04/10/2023 14:00	6.9	57	9	9.1	0.0	30.6	31
04/10/2023 14:10	6.9	59	8	8.8	0.0	30.4	29
04/10/2023 14:20	6.7	60	8	9.8	0.0	30.7	27
04/10/2023 14:30	6.7	57	7	8.8	0.0	30.7	26
04/10/2023 14:40	6.2	59	8	8.8	0.0	31.2	25
04/10/2023 14:50	6.8	56	7	8.7	0.0	31.2	23
04/10/2023 15:00	6.7	57	7	8.7	0.0	31.2	23
04/10/2023 15:10	6.1	56	9	8.1	0.0	31.3	23
04/10/2023 15:20	6.1	60	8	7.9	0.0	31.3	23
04/10/2023 15:30	6.1	62	8	7.4	0.0	31.2	22
04/10/2023 15:40	5.5	59	8	7.1	0.0	31.3	20
04/10/2023 15:50	5.7	68	6	7.1	0.0	31.3	19
04/10/2023 16:00	4.9	63	7	6.3	0.0	31.5	21



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/10/2023 16:10	4.2	58	9	5.8	0.0	31.3	23
04/10/2023 16:20	4.6	54	9	5.9	0.0	31.0	23
04/10/2023 16:30	4.7	58	7	6.1	0.0	31.1	21
04/10/2023 16:40	3.9	61	9	5.2	0.0	31.5	22
04/10/2023 16:50	3.4	59	7	4.6	0.0	31.9	22
04/10/2023 17:00	3.5	58	7	4.6	0.0	31.6	24
04/10/2023 17:10	2.8	64	8	3.8	0.0	31.9	24
04/10/2023 17:20	2.8	46	16	3.8	0.0	32.1	25
04/10/2023 17:30	4.4	7	8	5.8	0.0	31.7	24
04/10/2023 17:40	3.8	346	9	5.0	0.0	30.7	33
04/10/2023 17:50	4.7	347	8	6.4	0.0	29.9	37
04/10/2023 18:00	4.8	348	7	6.1	0.0	29.1	43
04/10/2023 18:10	5.4	349	7	7.7	0.0	28.6	43
04/10/2023 18:20	4.6	352	8	6.4	0.0	28.4	44
04/10/2023 18:30	5.0	345	7	6.8	0.0	28.1	45
04/10/2023 18:40	5.0	344	7	6.5	0.0	27.9	46
04/10/2023 18:50	5.0	343	6	6.4	0.0	27.8	46
04/10/2023 19:00	5.3	345	8	7.1	0.0	27.6	47
04/10/2023 19:10	5.8	347	6	7.1	0.0	27.6	45
04/10/2023 19:20	4.9	346	8	6.3	0.0	27.5	45
04/10/2023 19:30	3.7	353	12	5.6	0.0	27.5	45
04/10/2023 19:40	2.6	348	17	4.5	0.0	27.4	46
04/10/2023 19:50	2.4	347	24	4.0	0.0	27.5	44
04/10/2023 20:00	1.6	201	77	3.6	0.0	27.5	45
04/10/2023 20:10	2.4	318	31	4.9	0.0	27.4	48
04/10/2023 20:20	1.2	334	73	3.4	0.0	27.4	46
04/10/2023 20:30	1.5	214	29	2.5	0.0	27.4	48
04/10/2023 20:40	2.3	238	11	3.4	0.0	27.4	51
04/10/2023 20:50	2.8	282	9	3.3	0.0	26.8	55
04/10/2023 21:00	1.9	263	6	2.4	0.0	26.3	58
04/10/2023 21:10	2.2	265	4	2.6	0.0	25.8	64
04/10/2023 21:20	2.7	260	3	3.1	0.0	25.5	67
04/10/2023 21:30	2.6	265	4	3.1	0.0	25.5	67
04/10/2023 21:40	2.8	267	5	3.2	0.0	25.4	66
04/10/2023 21:50	2.7	269	3	3.1	0.0	25.6	63
04/10/2023 22:00	3.1	273	4	3.8	0.0	25.7	61
04/10/2023 22:10	2.8	268	4	3.6	0.0	25.7	60
04/10/2023 22:20	3.2	267	4	3.8	0.0	25.8	59
04/10/2023 22:30	3.1	269	4	3.7	0.0	25.7	59
04/10/2023 22:40	3.2	266	4	4.0	0.0	25.6	63
04/10/2023 22:50	3.7	266	4	4.6	0.0	25.4	66
04/10/2023 23:00	4.1	259	6	5.0	0.0	25.1	66
04/10/2023 23:10	3.5	265	5	4.4	0.0	25.0	65
04/10/2023 23:20	3.2	268	5	4.2	0.0	24.9	63
04/10/2023 23:30	3.5	272	5	4.3	0.0	24.8	61
04/10/2023 23:40	3.3	271	6	4.1	0.0	24.9	59
04/10/2023 23:50	3.0	266	5	3.8	0.0	24.9	57
05/10/2023 00:00	3.0	266	7	4.3	0.0	25.0	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/10/2023 00:10	3.4	265	10	4.8	0.0	25.3	52
05/10/2023 00:20	3.6	266	9	5.2	0.0	25.5	50
05/10/2023 00:30	3.7	269	7	4.6	0.0	25.3	50
05/10/2023 00:40	3.4	268	6	4.4	0.0	25.4	49
05/10/2023 00:50	3.6	260	7	4.7	0.0	25.5	47
05/10/2023 01:00	3.9	270	5	4.7	0.0	25.1	48
05/10/2023 01:10	3.8	277	4	4.7	0.0	24.9	50
05/10/2023 01:20	3.4	278	5	4.3	0.0	24.9	50
05/10/2023 01:30	3.5	274	4	4.3	0.0	24.8	51
05/10/2023 01:40	3.0	269	8	4.1	0.0	25.1	46
05/10/2023 01:50	1.8	251	25	3.4	0.0	25.1	44
05/10/2023 02:00	0.8	283	57	1.9	0.0	25.3	43
05/10/2023 02:10	1.0	277	24	2.1	0.0	25.8	40
05/10/2023 02:20	0.8	318	49	1.5	0.0	26.0	39
05/10/2023 02:30	0.7	189	27	1.0	0.0	25.0	40
05/10/2023 02:40	2.2	273	8	3.4	0.0	25.3	38
05/10/2023 02:50	2.4	265	15	4.0	0.0	25.5	37
05/10/2023 03:00	4.2	265	6	4.8	0.0	25.3	40
05/10/2023 03:10	4.1	267	6	4.7	0.0	24.8	43
05/10/2023 03:20	3.8	262	10	5.4	0.0	25.4	39
05/10/2023 03:30	2.8	268	11	4.5	0.0	26.1	37
05/10/2023 03:40	2.4	274	11	3.7	0.0	26.2	37
05/10/2023 03:50	1.5	210	41	3.0	0.0	26.3	35
05/10/2023 04:00	1.4	236	62	3.9	0.0	26.3	33
05/10/2023 04:10	3.7	200	14	6.0	0.0	26.5	31
05/10/2023 04:20	5.3	194	10	8.0	0.0	26.4	31
05/10/2023 04:30	4.8	196	11	7.6	0.0	26.2	30
05/10/2023 04:40	6.2	193	9	8.8	0.0	26.3	30
05/10/2023 04:50	5.6	196	8	8.1	0.0	26.4	29
05/10/2023 05:00	4.8	198	9	7.0	0.0	26.5	28
05/10/2023 05:10	5.1	199	9	7.3	0.0	26.9	27
05/10/2023 05:20	4.8	201	10	6.8	0.0	27.1	26
05/10/2023 05:30	3.9	201	10	5.8	0.0	27.1	26
05/10/2023 05:40	3.3	200	12	4.7	0.0	27.3	25
05/10/2023 05:50	2.1	207	22	4.0	0.0	27.2	25
05/10/2023 06:00	2.3	248	35	4.3	0.0	27.4	25
05/10/2023 06:10	1.3	299	42	2.7	0.0	27.3	25
05/10/2023 06:20	1.5	74	41	3.8	0.0	27.4	25
05/10/2023 06:30	4.3	94	13	8.1	0.0	26.4	35
05/10/2023 06:40	3.8	93	18	7.4	0.0	26.1	39
05/10/2023 06:50	2.9	107	16	4.9	0.0	26.7	37
05/10/2023 07:00	2.8	95	11	4.5	0.0	27.1	39
05/10/2023 07:10	2.9	90	7	4.9	0.0	27.4	41
05/10/2023 07:20	3.2	92	7	4.9	0.0	27.6	44
05/10/2023 07:30	3.6	90	7	5.1	0.0	27.6	40
05/10/2023 07:40	3.0	79	9	4.3	0.0	28.1	33
05/10/2023 07:50	2.9	88	9	5.2	0.0	28.7	31
05/10/2023 08:00	3.9	80	8	5.3	0.0	28.9	31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/10/2023 08:10	3.9	85	11	5.3	0.0	30.1	26
05/10/2023 08:20	4.7	85	9	6.2	0.0	30.0	28
05/10/2023 08:30	6.2	76	9	8.2	0.0	29.7	33
05/10/2023 08:40	4.6	87	11	7.9	0.0	29.9	29
05/10/2023 08:50	3.9	100	14	6.7	0.0	30.6	33
05/10/2023 09:00	4.7	91	11	6.8	0.0	30.5	35
05/10/2023 09:10	4.8	96	10	7.2	0.0	31.4	29
05/10/2023 09:20	6.4	96	8	9.0	0.0	31.1	32
05/10/2023 09:30	6.0	95	11	8.3	0.0	30.7	36
05/10/2023 09:40	6.0	90	10	9.3	0.0	31.2	36
05/10/2023 09:50	6.0	89	12	8.5	0.0	31.3	35
05/10/2023 10:00	5.9	89	11	8.8	0.0	31.3	34
05/10/2023 10:10	6.4	87	9	8.6	0.0	31.3	31
05/10/2023 10:20	5.7	82	10	8.0	0.0	31.4	32
05/10/2023 10:30	6.5	73	7	9.0	0.0	30.7	35
05/10/2023 10:40	6.9	82	9	9.5	0.0	30.6	36
05/10/2023 10:50	5.8	82	12	8.6	0.0	31.2	38
05/10/2023 11:00	6.8	84	7	8.6	0.0	30.5	39
05/10/2023 11:10	6.0	85	10	8.9	0.0	30.7	37
05/10/2023 11:20	6.3	82	8	8.9	0.0	30.6	36
05/10/2023 11:30	6.0	74	9	8.7	0.0	30.7	34
05/10/2023 11:40	6.1	79	10	8.2	0.0	31.1	29
05/10/2023 11:50	6.0	87	9	8.1	0.0	31.5	26
05/10/2023 12:00	6.3	84	9	8.8	0.0	31.6	24
05/10/2023 12:10	6.2	84	9	8.3	0.0	31.4	24
05/10/2023 12:20	6.2	89	8	8.9	0.0	31.8	24
05/10/2023 12:30	6.1	91	9	8.6	0.0	31.9	24
05/10/2023 12:40	6.4	92	11	9.6	0.0	31.8	23
05/10/2023 12:50	6.0	68	12	8.6	0.0	32.2	22
05/10/2023 13:00	6.8	57	8	9.1	0.0	31.8	25
05/10/2023 13:10	6.8	59	10	9.4	0.0	31.6	25
05/10/2023 13:20	7.3	67	10	9.9	0.0	31.9	23
05/10/2023 13:30	6.4	65	11	8.8	0.0	32.3	22
05/10/2023 13:40	6.3	61	8	8.8	0.0	32.5	22
05/10/2023 13:50	6.3	60	9	9.8	0.0	32.5	20
05/10/2023 14:00	6.7	58	10	9.1	0.0	32.6	17
05/10/2023 14:10	6.7	58	9	8.8	0.0	32.8	15
05/10/2023 14:20	7.0	58	8	9.7	0.0	33.2	13
05/10/2023 14:30	7.2	58	8	9.7	0.0	33.5	13
05/10/2023 14:40	7.0	58	7	9.1	0.0	33.7	13
05/10/2023 14:50	6.7	57	6	8.9	0.0	33.9	11
05/10/2023 15:00	6.3	66	8	8.3	0.0	34.3	11
05/10/2023 15:10	5.3	66	9	7.3	0.0	34.7	11
05/10/2023 15:20	4.8	43	14	7.2	0.0	35.1	12
05/10/2023 15:30	5.2	8	12	7.1	0.0	35.1	13
05/10/2023 15:40	5.3	5	10	6.7	0.0	34.2	16
05/10/2023 15:50	5.5	356	9	6.9	0.0	33.2	22
05/10/2023 16:00	5.5	181	9	6.9	0.0	32.7	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/10/2023 16:10	6.4	357	7	8.6	0.0	32.2	24
05/10/2023 16:20	5.6	352	10	7.8	0.0	32.1	26
05/10/2023 16:30	5.4	356	10	7.2	0.0	32.0	27
05/10/2023 16:40	5.5	341	8	7.0	0.0	32.2	25
05/10/2023 16:50	5.8	339	5	6.9	0.0	31.9	23
05/10/2023 17:00	5.2	344	6	6.3	0.0	31.6	25
05/10/2023 17:10	5.3	342	7	6.4	0.0	31.2	26
05/10/2023 17:20	5.6	344	4	6.6	0.0	30.6	27
05/10/2023 17:30	5.4	337	5	6.7	0.0	30.4	29
05/10/2023 17:40	5.7	337	5	6.6	0.0	30.1	30
05/10/2023 17:50	5.7	339	5	6.9	0.0	29.8	31
05/10/2023 18:00	6.0	338	5	7.4	0.0	29.5	33
05/10/2023 18:10	5.7	341	6	7.1	0.0	29.3	34
05/10/2023 18:20	5.7	339	5	6.9	0.0	29.1	36
05/10/2023 18:30	5.4	334	7	6.7	0.0	29.0	36
05/10/2023 18:40	5.8	333	6	7.0	0.0	28.9	36
05/10/2023 18:50	5.7	331	6	7.0	0.0	28.9	36
05/10/2023 19:00	5.7	332	6	7.3	0.0	28.8	35
05/10/2023 19:10	5.3	336	6	6.8	0.0	28.8	35
05/10/2023 19:20	5.1	330	7	6.5	0.0	28.8	36
05/10/2023 19:30	4.8	325	7	6.1	0.0	28.8	37
05/10/2023 19:40	5.0	323	6	6.4	0.0	28.7	37
05/10/2023 19:50	5.0	322	6	6.3	0.0	28.6	38
05/10/2023 20:00	3.5	313	11	5.4	0.0	28.7	38
05/10/2023 20:10	2.7	301	17	4.3	0.0	28.6	39
05/10/2023 20:20	3.5	316	10	5.3	0.0	28.6	40
05/10/2023 20:30	3.7	317	8	5.6	0.0	28.6	40
05/10/2023 20:40	3.9	313	9	5.6	0.0	28.5	42
05/10/2023 20:50	3.3	313	11	5.2	0.0	28.5	41
05/10/2023 21:00	3.4	295	11	5.0	0.0	28.6	40
05/10/2023 21:10	3.3	290	11	4.6	0.0	28.5	39
05/10/2023 21:20	3.8	287	8	5.2	0.0	28.6	37
05/10/2023 21:30	4.4	291	8	5.9	0.0	28.8	36
05/10/2023 21:40	3.0	271	7	4.1	0.0	28.1	42
05/10/2023 21:50	2.6	262	7	3.4	0.0	27.6	46
05/10/2023 22:00	2.8	276	6	3.6	0.0	27.3	48
05/10/2023 22:10	1.9	289	11	2.7	0.0	27.1	52
05/10/2023 22:20	2.6	258	8	3.6	0.0	26.5	53
05/10/2023 22:30	2.8	253	9	3.8	0.0	27.0	51
05/10/2023 22:40	2.3	256	13	3.5	0.0	26.8	53
05/10/2023 22:50	2.6	269	12	3.6	0.0	26.7	54
05/10/2023 23:00	3.1	270	4	3.7	0.0	26.3	55
05/10/2023 23:10	2.8	266	4	3.6	0.0	26.0	55
05/10/2023 23:20	2.7	262	5	3.8	0.0	26.0	53
05/10/2023 23:30	2.8	265	4	3.5	0.0	25.9	50
05/10/2023 23:40	3.2	270	5	3.8	0.0	26.3	44
05/10/2023 23:50	3.6	277	4	4.4	0.0	26.8	39
06/10/2023 00:00	3.8	273	5	4.7	0.0	26.7	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/10/2023 00:10	3.7	280	5	4.7	0.0	26.7	39
06/10/2023 00:20	4.0	277	5	4.9	0.0	26.8	39
06/10/2023 00:30	3.5	266	5	4.2	0.0	26.5	42
06/10/2023 00:40	2.9	269	4	3.6	0.0	26.2	44
06/10/2023 00:50	3.4	270	3	3.8	0.0	26.2	44
06/10/2023 01:00	3.8	261	9	5.2	0.0	26.6	40
06/10/2023 01:10	4.0	257	10	5.2	0.0	27.0	38
06/10/2023 01:20	4.0	251	11	5.9	0.0	27.2	36
06/10/2023 01:30	4.2	262	9	5.7	0.0	27.3	36
06/10/2023 01:40	4.3	272	5	5.9	0.0	26.8	38
06/10/2023 01:50	4.2	273	7	5.5	0.0	26.8	39
06/10/2023 02:00	3.8	272	6	5.1	0.0	26.8	37
06/10/2023 02:10	3.9	269	8	5.4	0.0	27.0	35
06/10/2023 02:20	3.8	273	6	5.3	0.0	26.8	35
06/10/2023 02:30	3.2	267	14	4.9	0.0	26.6	35
06/10/2023 02:40	3.1	269	16	4.8	0.0	27.0	31
06/10/2023 02:50	3.2	278	7	4.4	0.0	26.7	31
06/10/2023 03:00	3.4	279	6	4.5	0.0	26.9	30
06/10/2023 03:10	1.5	249	34	2.7	0.0	26.6	31
06/10/2023 03:20	0.7	210	50	1.6	0.0	26.6	32
06/10/2023 03:30	0.8	191	65	2.0	0.0	26.8	30
06/10/2023 03:40	0.6	268	61	1.2	0.0	26.8	30
06/10/2023 03:50	0.8	61	13	1.2	0.0	26.0	32
06/10/2023 04:00	0.9	36	25	1.8	0.0	26.2	30
06/10/2023 04:10	1.1	326	27	2.2	0.0	26.6	29
06/10/2023 04:20	0.4	26	57	0.8	0.0	26.4	29
06/10/2023 04:30	0.7	273	23	1.1	0.0	26.6	30
06/10/2023 04:40	1.8	278	14	3.2	0.0	26.0	32
06/10/2023 04:50	2.7	266	7	3.4	0.0	25.6	34
06/10/2023 05:00	2.9	265	6	3.9	0.0	25.6	36
06/10/2023 05:10	2.4	276	6	3.1	0.0	25.6	37
06/10/2023 05:20	1.0	264	37	1.6	0.0	25.6	37
06/10/2023 05:30	0.6	214	46	1.2	0.0	25.2	37
06/10/2023 05:40	0.8	230	23	1.6	0.0	25.2	39
06/10/2023 05:50	0.6	188	55	1.0	0.0	24.7	38
06/10/2023 06:00	0.6	150	62	1.7	0.0	25.4	35
06/10/2023 06:10	0.8	111	38	1.8	0.0	25.1	35
06/10/2023 06:20	0.7	43	15	1.3	0.0	25.0	35
06/10/2023 06:30	0.5	35	51	0.9	0.0	25.4	33
06/10/2023 06:40	0.7	18	19	1.1	0.0	26.0	32
06/10/2023 06:50	0.4	220	57	0.8	0.0	27.2	29
06/10/2023 07:00	0.5	200	54	1.3	0.0	28.3	27
06/10/2023 07:10	1.6	184	31	2.7	0.0	28.7	26
06/10/2023 07:20	2.5	180	14	3.8	0.0	28.5	26
06/10/2023 07:30	1.7	143	23	2.8	0.0	29.6	24
06/10/2023 07:40	2.6	132	14	4.0	0.0	29.9	22
06/10/2023 07:50	2.2	118	20	3.6	0.0	30.2	22
06/10/2023 08:00	3.0	109	14	4.8	0.0	30.2	21



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/10/2023 08:10	3.8	103	14	5.3	0.0	29.6	23
06/10/2023 08:20	4.2	104	10	6.5	0.0	28.9	30
06/10/2023 08:30	4.1	105	11	6.5	0.0	28.9	35
06/10/2023 08:40	5.4	105	9	7.5	0.0	28.7	35
06/10/2023 08:50	4.8	103	12	7.2	0.0	28.8	39
06/10/2023 09:00	4.9	101	11	7.8	0.0	29.6	37
06/10/2023 09:10	5.2	97	11	7.4	0.0	30.8	30
06/10/2023 09:20	6.3	91	9	8.3	0.0	30.6	32
06/10/2023 09:30	6.1	95	8	8.7	0.0	30.6	32
06/10/2023 09:40	6.7	95	9	9.4	0.0	30.6	32
06/10/2023 09:50	6.8	95	8	9.3	0.0	30.8	31
06/10/2023 10:00	6.7	97	9	9.3	0.0	31.1	30
06/10/2023 10:10	6.3	98	10	9.0	0.0	31.2	30
06/10/2023 10:20	6.4	93	8	8.9	0.0	31.1	32
06/10/2023 10:30	5.5	94	11	8.1	0.0	31.2	33
06/10/2023 10:40	5.9	85	13	8.3	0.0	31.4	32
06/10/2023 10:50	6.6	77	8	8.8	0.0	31.0	33
06/10/2023 11:00	8.1	78	7	10.4	0.0	30.8	33
06/10/2023 11:10	8.0	83	7	10.5	0.0	30.7	35
06/10/2023 11:20	7.5	88	9	10.6	0.0	30.8	36
06/10/2023 11:30	6.3	71	11	9.3	0.0	31.4	38
06/10/2023 11:40	6.8	72	10	9.5	0.0	31.4	37
06/10/2023 11:50	6.6	69	10	9.8	0.0	31.6	36
06/10/2023 12:00	6.9	75	10	9.7	0.0	31.9	34
06/10/2023 12:10	7.3	74	8	9.8	0.0	31.5	34
06/10/2023 12:20	7.1	86	9	9.7	0.0	31.7	35
06/10/2023 12:30	6.8	85	8	10.0	0.0	31.9	34
06/10/2023 12:40	6.1	83	11	9.4	0.0	33.1	27
06/10/2023 12:50	6.2	85	10	8.4	0.0	33.2	25
06/10/2023 13:00	6.0	78	11	8.4	0.0	33.7	24
06/10/2023 13:10	6.5	64	9	8.6	0.0	33.4	23
06/10/2023 13:20	7.2	66	9	9.4	0.0	33.3	23
06/10/2023 13:30	7.1	67	9	9.3	0.0	33.5	22
06/10/2023 13:40	6.0	64	11	8.1	0.0	33.8	22
06/10/2023 13:50	6.4	64	9	9.2	0.0	34.2	18
06/10/2023 14:00	5.8	69	8	7.6	0.0	34.4	17
06/10/2023 14:10	6.0	65	8	7.9	0.0	34.4	17
06/10/2023 14:20	6.1	59	10	7.8	0.0	34.5	16
06/10/2023 14:30	6.3	60	8	8.1	0.0	34.5	14
06/10/2023 14:40	6.2	58	9	8.9	0.0	34.8	12
06/10/2023 14:50	5.8	61	10	8.2	0.0	35.0	11
06/10/2023 15:00	5.3	55	8	7.1	0.0	35.3	10
06/10/2023 15:10	5.2	57	10	7.0	0.0	35.6	10
06/10/2023 15:20	5.5	65	11	7.1	0.0	35.6	10
06/10/2023 15:30	5.3	64	9	7.0	0.0	35.5	10
06/10/2023 15:40	5.5	54	9	7.2	0.0	35.7	9
06/10/2023 15:50	5.6	61	9	7.4	0.0	35.8	9
06/10/2023 16:00	4.9	62	8	6.8	0.0	35.8	11



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/10/2023 16:10	4.2	36	12	5.9	0.0	36.1	12
06/10/2023 16:20	4.6	12	8	5.7	0.0	35.9	14
06/10/2023 16:30	5.0	178	9	6.2	0.0	35.1	16
06/10/2023 16:40	4.1	350	10	5.4	0.0	34.9	18
06/10/2023 16:50	4.2	342	11	5.8	0.0	34.6	18
06/10/2023 17:00	4.3	338	10	5.5	0.0	34.3	17
06/10/2023 17:10	4.8	346	6	6.3	0.0	33.9	16
06/10/2023 17:20	5.3	339	7	6.6	0.0	33.1	17
06/10/2023 17:30	5.2	342	7	6.9	0.0	32.9	15
06/10/2023 17:40	5.6	339	8	7.2	0.0	32.7	14
06/10/2023 17:50	5.5	331	7	7.6	0.0	32.1	16
06/10/2023 18:00	5.4	328	6	7.4	0.0	31.9	18
06/10/2023 18:10	4.2	326	7	5.5	0.0	31.9	19
06/10/2023 18:20	4.9	325	6	6.9	0.0	31.7	19
06/10/2023 18:30	5.7	322	6	7.3	0.0	31.7	19
06/10/2023 18:40	5.2	321	7	6.9	0.0	31.7	18
06/10/2023 18:50	5.2	320	7	7.3	0.0	31.7	18
06/10/2023 19:00	4.9	310	8	7.4	0.0	31.5	18
06/10/2023 19:10	4.0	293	10	5.7	0.0	31.4	19
06/10/2023 19:20	3.3	279	12	4.7	0.0	30.9	25
06/10/2023 19:30	3.8	277	6	4.5	0.0	30.0	31
06/10/2023 19:40	3.3	274	8	4.5	0.0	29.8	32
06/10/2023 19:50	3.8	272	7	4.6	0.0	29.6	33
06/10/2023 20:00	4.5	271	5	5.3	0.0	29.2	37
06/10/2023 20:10	3.9	276	5	4.4	0.0	29.4	34
06/10/2023 20:20	3.1	271	7	4.1	0.0	29.2	36
06/10/2023 20:30	3.8	269	6	4.9	0.0	29.2	36
06/10/2023 20:40	3.9	264	5	4.6	0.0	29.0	40
06/10/2023 20:50	3.5	262	5	4.2	0.0	28.7	43
06/10/2023 21:00	3.4	269	6	4.0	0.0	28.6	44
06/10/2023 21:10	3.4	276	7	4.1	0.0	28.6	43
06/10/2023 21:20	3.3	278	6	4.3	0.0	28.5	42
06/10/2023 21:30	3.5	275	4	4.0	0.0	28.2	42
06/10/2023 21:40	3.3	282	4	3.9	0.0	28.2	39
06/10/2023 21:50	3.1	286	5	3.8	0.0	28.3	39
06/10/2023 22:00	3.4	278	5	4.1	0.0	28.2	40
06/10/2023 22:10	4.2	267	4	5.2	0.0	28.1	39
06/10/2023 22:20	3.6	275	4	4.2	0.0	27.9	40
06/10/2023 22:30	3.1	277	4	3.8	0.0	27.8	41
06/10/2023 22:40	3.1	274	4	3.9	0.0	27.6	41
06/10/2023 22:50	3.8	269	3	4.5	0.0	27.4	42
06/10/2023 23:00	3.9	269	4	4.7	0.0	27.3	42
06/10/2023 23:10	3.7	267	5	4.7	0.0	27.4	43
06/10/2023 23:20	3.9	269	4	4.6	0.0	27.1	45
06/10/2023 23:30	3.9	269	4	4.7	0.0	26.9	43
06/10/2023 23:40	4.0	272	5	5.0	0.0	27.1	41
06/10/2023 23:50	3.9	268	4	4.9	0.0	27.2	38
07/10/2023 00:00	3.8	270	5	4.5	0.0	27.3	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/10/2023 00:10	3.8	270	7	4.8	0.0	27.5	32
07/10/2023 00:20	4.1	262	6	5.2	0.0	27.8	30
07/10/2023 00:30	3.8	261	7	5.2	0.0	27.9	29
07/10/2023 00:40	3.8	265	6	4.5	0.0	27.8	29
07/10/2023 00:50	3.7	272	6	4.4	0.0	27.7	29
07/10/2023 01:00	3.8	271	7	4.7	0.0	28.0	27
07/10/2023 01:10	3.1	214	25	5.1	0.0	28.1	26
07/10/2023 01:20	3.1	191	25	5.9	0.0	28.2	25
07/10/2023 01:30	2.4	195	21	3.8	0.0	28.0	25
07/10/2023 01:40	1.2	174	48	2.6	0.0	27.8	22
07/10/2023 01:50	1.2	47	37	2.2	0.0	27.2	22
07/10/2023 02:00	1.0	26	34	1.9	0.0	27.1	21
07/10/2023 02:10	1.7	274	31	3.1	0.0	27.6	19
07/10/2023 02:20	1.2	235	28	2.8	0.0	27.6	19
07/10/2023 02:30	2.1	215	16	3.5	0.0	27.8	19
07/10/2023 02:40	3.7	218	11	5.1	0.0	28.3	18
07/10/2023 02:50	3.7	229	14	5.8	0.0	28.4	19
07/10/2023 03:00	3.1	230	17	5.0	0.0	28.1	19
07/10/2023 03:10	3.4	214	12	5.4	0.0	28.3	19
07/10/2023 03:20	4.2	205	8	5.9	0.0	28.3	19
07/10/2023 03:30	3.8	206	10	5.5	0.0	28.4	19
07/10/2023 03:40	3.6	213	8	5.4	0.0	28.5	19
07/10/2023 03:50	3.6	210	9	4.9	0.0	28.5	19
07/10/2023 04:00	3.4	207	10	5.3	0.0	28.4	19
07/10/2023 04:10	3.3	213	10	5.0	0.0	28.6	19
07/10/2023 04:20	3.5	211	10	5.6	0.0	28.8	19
07/10/2023 04:30	4.0	204	10	5.9	0.0	28.7	19
07/10/2023 04:40	3.8	202	9	5.4	0.0	28.4	19
07/10/2023 04:50	3.6	197	9	5.3	0.0	28.1	20
07/10/2023 05:00	3.1	175	10	4.6	0.0	28.2	21
07/10/2023 05:10	3.0	179	13	4.6	0.0	28.2	20
07/10/2023 05:20	2.1	152	44	3.6	0.0	28.0	21
07/10/2023 05:30	0.8	64	52	1.8	0.0	27.2	21
07/10/2023 05:40	1.0	81	55	2.0	0.0	27.0	20
07/10/2023 05:50	1.7	68	21	3.0	0.0	26.8	20
07/10/2023 06:00	1.1	55	34	1.9	0.0	26.7	20
07/10/2023 06:10	1.2	60	35	2.4	0.0	26.7	19
07/10/2023 06:20	1.5	181	73	3.6	0.0	27.9	20
07/10/2023 06:30	1.6	151	67	3.8	0.0	28.7	20
07/10/2023 06:40	1.5	154	52	3.5	0.0	29.4	19
07/10/2023 06:50	1.7	147	56	3.9	0.0	29.6	19
07/10/2023 07:00	2.1	124	25	4.0	0.0	30.6	17
07/10/2023 07:10	2.6	124	17	4.5	0.0	30.8	17
07/10/2023 07:20	2.2	111	23	3.4	0.0	31.2	17
07/10/2023 07:30	3.4	100	14	5.5	0.0	31.1	18
07/10/2023 07:40	3.4	98	14	4.8	0.0	30.4	21
07/10/2023 07:50	3.5	102	12	5.0	0.0	30.2	22
07/10/2023 08:00	3.2	102	13	4.8	0.0	30.3	25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/10/2023 08:10	3.0	104	13	4.5	0.0	30.1	29
07/10/2023 08:20	3.1	105	14	4.7	0.0	30.3	28
07/10/2023 08:30	3.0	114	13	4.8	0.0	30.6	27
07/10/2023 08:40	3.0	106	11	5.0	0.0	31.0	27
07/10/2023 08:50	3.4	101	15	5.7	0.0	31.8	25
07/10/2023 09:00	4.9	91	11	7.6	0.0	32.3	25
07/10/2023 09:10	5.5	95	9	8.6	0.0	33.0	24
07/10/2023 09:20	6.3	90	9	10.1	0.0	33.4	21
07/10/2023 09:30	6.2	85	11	9.1	0.0	33.2	24
07/10/2023 09:40	6.6	85	10	9.2	0.0	33.2	23
07/10/2023 09:50	6.8	84	8	10.5	0.0	33.3	22
07/10/2023 10:00	5.8	85	11	8.5	0.0	33.3	24
07/10/2023 10:10	6.3	85	10	8.9	0.0	33.3	24
07/10/2023 10:20	6.2	78	10	8.9	0.0	33.1	26
07/10/2023 10:30	6.8	75	9	9.7	0.0	32.7	27
07/10/2023 10:40	5.8	84	12	9.1	0.0	33.3	27
07/10/2023 10:50	5.8	83	13	8.5	0.0	33.6	27
07/10/2023 11:00	6.7	78	9	10.0	0.0	33.3	27
07/10/2023 11:10	7.5	74	8	11.4	0.0	32.8	27
07/10/2023 11:20	8.2	74	7	10.8	0.0	32.6	27
07/10/2023 11:30	7.4	81	10	10.8	0.0	32.8	27
07/10/2023 11:40	6.6	66	12	9.0	0.0	33.1	28
07/10/2023 11:50	6.8	69	10	8.9	0.0	32.6	29
07/10/2023 12:00	6.0	71	13	8.6	0.0	33.4	29
07/10/2023 12:10	6.5	76	10	9.1	0.0	33.6	30
07/10/2023 12:20	6.7	69	9	10.2	0.0	33.0	32
07/10/2023 12:30	6.6	70	10	9.5	0.0	32.9	35
07/10/2023 12:40	6.8	66	10	9.8	0.0	32.8	36
07/10/2023 12:50	7.5	67	8	10.4	0.0	32.3	38
07/10/2023 13:00	7.1	68	7	10.2	0.0	32.2	40
07/10/2023 13:10	7.4	66	8	9.9	0.0	31.9	42
07/10/2023 13:20	6.8	73	11	9.4	0.0	32.1	43
07/10/2023 13:30	7.0	76	8	9.3	0.0	32.2	44
07/10/2023 13:40	6.5	65	9	8.9	0.0	31.9	45
07/10/2023 13:50	6.6	60	8	8.5	0.0	31.8	46
07/10/2023 14:00	6.3	64	9	8.7	0.0	31.8	46
07/10/2023 14:10	6.8	62	9	9.3	0.0	32.1	44
07/10/2023 14:20	6.4	67	9	8.4	0.0	32.6	43
07/10/2023 14:30	6.5	61	9	8.4	0.0	32.9	42
07/10/2023 14:40	7.1	59	7	9.1	0.0	32.9	41
07/10/2023 14:50	6.4	61	7	8.1	0.0	33.3	40
07/10/2023 15:00	6.2	63	7	7.9	0.0	33.5	40
07/10/2023 15:10	5.3	64	9	6.9	0.0	34.1	38
07/10/2023 15:20	5.5	66	8	7.0	0.0	34.6	37
07/10/2023 15:30	4.5	63	10	5.8	0.0	34.7	38
07/10/2023 15:40	4.5	33	15	6.8	0.0	35.9	30
07/10/2023 15:50	5.0	53	14	7.0	0.0	35.5	32
07/10/2023 16:00	5.1	19	11	7.7	0.0	36.2	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/10/2023 16:10	5.3	26	11	7.6	0.0	35.6	30
07/10/2023 16:20	4.9	16	11	6.4	0.0	35.4	31
07/10/2023 16:30	5.4	12	8	6.9	0.0	35.1	28
07/10/2023 16:40	5.1	14	9	6.5	0.0	35.1	29
07/10/2023 16:50	5.2	11	8	6.1	0.0	34.8	30
07/10/2023 17:00	5.0	15	8	6.4	0.0	34.5	30
07/10/2023 17:10	4.8	19	7	6.4	0.0	34.4	27
07/10/2023 17:20	5.1	15	6	6.6	0.0	34.1	27
07/10/2023 17:30	4.8	16	7	6.8	0.0	34.0	27
07/10/2023 17:40	5.2	18	6	6.6	0.0	33.7	26
07/10/2023 17:50	4.2	16	7	5.5	0.0	33.4	29
07/10/2023 18:00	4.4	15	7	5.5	0.0	32.8	32
07/10/2023 18:10	3.8	18	6	4.8	0.0	32.2	36
07/10/2023 18:20	3.4	178	8	4.2	0.0	31.8	39
07/10/2023 18:30	3.2	338	9	4.3	0.0	31.3	42
07/10/2023 18:40	3.6	353	9	4.9	0.0	31.4	40
07/10/2023 18:50	3.6	343	7	4.5	0.0	31.0	44
07/10/2023 19:00	3.5	344	6	4.4	0.0	30.8	45
07/10/2023 19:10	3.0	340	6	3.9	0.0	30.7	45
07/10/2023 19:20	2.4	346	9	3.1	0.0	30.4	48
07/10/2023 19:30	2.1	346	9	3.4	0.0	30.1	48
07/10/2023 19:40	1.5	17	30	2.8	0.0	29.9	48
07/10/2023 19:50	0.8	40	38	1.5	0.0	29.7	50
07/10/2023 20:00	1.2	80	22	1.8	0.0	29.5	49
07/10/2023 20:10	1.6	64	8	2.0	0.0	29.3	54
07/10/2023 20:20	1.7	54	10	2.2	0.0	28.7	57
07/10/2023 20:30	1.5	63	9	1.9	0.0	28.4	58
07/10/2023 20:40	1.1	80	13	1.5	0.0	28.6	58
07/10/2023 20:50	0.7	251	45	1.5	0.0	28.4	57
07/10/2023 21:00	0.7	305	23	1.1	0.0	28.6	56
07/10/2023 21:10	0.7	196	25	1.1	0.0	28.6	55
07/10/2023 21:20	0.8	239	28	1.2	0.0	28.4	56
07/10/2023 21:30	1.3	265	16	1.8	0.0	27.9	59
07/10/2023 21:40	1.2	253	11	1.9	0.0	27.5	64
07/10/2023 21:50	1.4	286	8	1.8	0.0	27.3	67
07/10/2023 22:00	0.6	309	25	0.9	0.0	27.6	59
07/10/2023 22:10	1.5	258	13	2.1	0.0	27.5	63
07/10/2023 22:20	2.1	251	8	2.9	0.0	26.8	68
07/10/2023 22:30	2.9	240	9	3.7	0.0	27.2	66
07/10/2023 22:40	3.1	246	11	4.7	0.0	27.7	64
07/10/2023 22:50	2.0	254	12	2.8	0.0	27.7	63
07/10/2023 23:00	1.5	269	10	2.1	0.0	27.2	63
07/10/2023 23:10	2.0	281	9	2.5	0.0	27.2	63
07/10/2023 23:20	2.6	271	5	3.0	0.0	26.9	66
07/10/2023 23:30	2.4	255	12	3.3	0.0	26.6	67
07/10/2023 23:40	1.3	265	15	2.1	0.0	26.7	67
07/10/2023 23:50	1.6	275	8	2.1	0.0	26.6	67
08/10/2023 00:00	0.9	286	13	1.5	0.0	26.8	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/10/2023 00:10	0.4	340	72	1.1	0.0	26.5	66
08/10/2023 00:20	1.2	245	19	1.9	0.0	26.6	65
08/10/2023 00:30	1.1	262	16	1.6	0.0	26.9	62
08/10/2023 00:40	1.5	273	15	2.2	0.0	27.3	58
08/10/2023 00:50	1.4	263	23	2.2	0.0	27.4	57
08/10/2023 01:00	1.1	236	28	2.0	0.0	27.3	57
08/10/2023 01:10	2.2	274	14	3.4	0.0	26.8	61
08/10/2023 01:20	1.5	276	18	2.4	0.0	27.0	60
08/10/2023 01:30	1.7	277	8	2.2	0.0	26.7	62
08/10/2023 01:40	1.7	282	8	2.1	0.0	26.9	62
08/10/2023 01:50	1.9	282	7	2.4	0.0	27.1	61
08/10/2023 02:00	1.7	269	9	2.3	0.0	27.1	58
08/10/2023 02:10	0.9	190	43	1.7	0.0	26.6	59
08/10/2023 02:20	1.0	81	18	1.3	0.0	25.4	63
08/10/2023 02:30	0.8	256	49	1.4	0.0	25.7	60
08/10/2023 02:40	1.0	39	13	1.6	0.0	26.8	55
08/10/2023 02:50	1.7	48	10	2.3	0.0	25.6	59
08/10/2023 03:00	1.1	70	11	1.6	0.0	25.5	62
08/10/2023 03:10	1.3	173	43	2.0	0.0	25.1	66
08/10/2023 03:20	1.6	195	21	2.1	0.0	25.4	65
08/10/2023 03:30	2.1	61	8	2.5	0.0	25.3	67
08/10/2023 03:40	1.9	83	13	2.4	0.0	25.0	66
08/10/2023 03:50	0.8	42	25	1.4	0.0	24.9	59
08/10/2023 04:00	0.3	83	47	0.7	0.0	26.0	52
08/10/2023 04:10	0.7	27	29	1.3	0.0	26.3	49
08/10/2023 04:20	1.0	20	16	1.5	0.0	26.7	45
08/10/2023 04:30	1.3	128	20	2.0	0.0	26.8	43
08/10/2023 04:40	0.9	271	29	1.9	0.0	26.1	43
08/10/2023 04:50	0.9	193	39	1.5	0.0	26.4	41
08/10/2023 05:00	1.0	57	10	1.5	0.0	25.6	44
08/10/2023 05:10	1.5	68	8	2.0	0.0	25.0	46
08/10/2023 05:20	1.5	55	19	2.5	0.0	24.8	45
08/10/2023 05:30	1.6	62	10	2.5	0.0	25.3	44
08/10/2023 05:40	1.2	70	40	2.3	0.0	25.6	42
08/10/2023 05:50	1.9	67	7	2.3	0.0	25.3	43
08/10/2023 06:00	1.6	62	8	2.4	0.0	25.3	43
08/10/2023 06:10	2.0	92	8	2.5	0.0	25.1	45
08/10/2023 06:20	1.9	69	7	2.4	0.0	25.2	44
08/10/2023 06:30	1.8	82	11	2.3	0.0	25.5	45
08/10/2023 06:40	1.8	83	10	2.3	0.0	26.0	44
08/10/2023 06:50	1.5	59	8	2.1	0.0	26.9	42
08/10/2023 07:00	1.6	61	12	2.3	0.0	27.8	40
08/10/2023 07:10	1.8	67	9	2.2	0.0	28.2	40
08/10/2023 07:20	1.8	103	11	2.7	0.0	29.0	36
08/10/2023 07:30	2.1	113	9	2.8	0.0	29.6	36
08/10/2023 07:40	1.9	103	9	2.6	0.0	29.6	38
08/10/2023 07:50	1.9	110	10	2.7	0.0	29.7	40
08/10/2023 08:00	2.0	101	11	2.8	0.0	29.9	40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/10/2023 08:10	1.9	98	13	3.0	0.0	30.0	40
08/10/2023 08:20	1.9	80	10	2.6	0.0	29.7	42
08/10/2023 08:30	1.8	92	16	2.9	0.0	30.1	38
08/10/2023 08:40	2.0	88	14	2.7	0.0	30.6	35
08/10/2023 08:50	2.1	89	12	2.9	0.0	31.1	31
08/10/2023 09:00	2.5	101	17	3.4	0.0	31.5	28
08/10/2023 09:10	2.9	84	12	3.9	0.0	32.0	26
08/10/2023 09:20	4.1	82	8	5.6	0.0	32.3	26
08/10/2023 09:30	4.2	80	9	6.0	0.0	32.1	27
08/10/2023 09:40	3.4	82	14	4.7	0.0	32.2	28
08/10/2023 09:50	4.1	88	11	6.0	0.0	32.5	28
08/10/2023 10:00	4.6	92	10	6.4	0.0	32.6	29
08/10/2023 10:10	5.0	89	11	7.1	0.0	32.8	30
08/10/2023 10:20	4.9	85	10	7.0	0.0	33.2	31
08/10/2023 10:30	6.0	80	11	8.8	0.0	33.7	29
08/10/2023 10:40	6.6	82	10	8.8	0.0	33.5	30
08/10/2023 10:50	6.6	86	8	8.9	0.0	33.4	30
08/10/2023 11:00	6.9	87	8	9.0	0.0	33.6	29
08/10/2023 11:10	6.8	82	9	9.1	0.0	33.3	29
08/10/2023 11:20	7.2	73	10	10.4	0.0	33.0	30
08/10/2023 11:30	7.5	66	9	10.1	0.0	32.4	35
08/10/2023 11:40	7.4	67	8	10.6	0.0	32.2	38
08/10/2023 11:50	7.1	69	9	10.0	0.0	32.4	38
08/10/2023 12:00	7.4	69	8	10.1	0.0	32.5	38
08/10/2023 12:10	7.7	72	6	10.1	0.0	32.4	39
08/10/2023 12:20	7.6	62	9	10.1	0.0	32.6	40
08/10/2023 12:30	8.3	68	9	10.7	0.0	32.6	40
08/10/2023 12:40	8.5	65	9	11.4	0.0	32.3	41
08/10/2023 12:50	8.0	66	9	10.8	0.0	32.6	39
08/10/2023 13:00	8.6	67	8	11.7	0.0	33.0	38
08/10/2023 13:10	9.1	69	7	11.7	0.0	33.0	36
08/10/2023 13:20	7.9	71	9	11.6	0.0	33.4	36
08/10/2023 13:30	8.2	68	8	10.5	0.0	33.6	34
08/10/2023 13:40	7.8	66	8	10.1	0.0	33.5	34
08/10/2023 13:50	8.1	64	8	10.3	0.0	33.3	34
08/10/2023 14:00	8.5	63	7	11.1	0.0	33.1	35
08/10/2023 14:10	7.7	65	9	10.5	0.0	33.0	39
08/10/2023 14:20	7.2	63	8	9.9	0.0	33.1	38
08/10/2023 14:30	7.7	58	9	10.4	0.0	32.9	37
08/10/2023 14:40	8.2	61	8	10.5	0.0	32.6	36
08/10/2023 14:50	7.8	58	7	10.1	0.0	32.9	34
08/10/2023 15:00	7.7	62	7	10.5	0.0	33.1	31
08/10/2023 15:10	7.1	62	9	9.5	0.0	33.6	30
08/10/2023 15:20	7.0	63	7	9.4	0.0	33.9	30
08/10/2023 15:30	7.0	62	8	9.0	0.0	34.1	28
08/10/2023 15:40	6.9	63	8	9.5	0.0	34.5	27
08/10/2023 15:50	6.9	63	10	9.2	0.0	34.3	28
08/10/2023 16:00	6.7	59	9	8.8	0.0	33.8	30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/10/2023 16:10	6.2	60	7	8.1	0.0	33.5	31
08/10/2023 16:20	6.0	61	8	7.6	0.0	33.7	29
08/10/2023 16:30	5.4	57	9	7.8	0.0	33.9	28
08/10/2023 16:40	5.6	53	11	8.4	0.0	34.1	26
08/10/2023 16:50	5.7	49	9	7.7	0.0	34.1	25
08/10/2023 17:00	5.6	41	9	8.0	0.0	34.5	21
08/10/2023 17:10	5.5	30	11	8.6	0.0	34.5	21
08/10/2023 17:20	5.0	33	10	7.8	0.0	34.3	21
08/10/2023 17:30	5.6	18	9	7.9	0.0	33.9	23
08/10/2023 17:40	5.8	19	10	8.0	0.0	33.3	25
08/10/2023 17:50	6.6	17	8	8.7	0.0	32.8	26
08/10/2023 18:00	6.3	15	9	8.8	0.0	32.3	28
08/10/2023 18:10	6.9	14	6	9.1	0.0	32.0	28
08/10/2023 18:20	7.0	14	6	9.2	0.0	31.7	29
08/10/2023 18:30	7.0	16	6	8.7	0.0	31.5	30
08/10/2023 18:40	7.0	16	6	8.8	0.0	31.3	30
08/10/2023 18:50	6.9	15	6	8.3	0.0	31.2	31
08/10/2023 19:00	6.3	15	7	8.1	0.0	31.0	33
08/10/2023 19:10	6.2	11	8	8.6	0.0	31.0	32
08/10/2023 19:20	6.2	12	8	8.1	0.0	30.9	33
08/10/2023 19:30	6.3	11	6	8.3	0.0	30.8	34
08/10/2023 19:40	5.9	7	7	7.5	0.0	30.7	34
08/10/2023 19:50	4.8	176	8	6.5	0.0	30.5	35
08/10/2023 20:00	4.6	347	9	7.1	0.0	30.3	36
08/10/2023 20:10	4.5	340	7	6.5	0.0	30.2	37
08/10/2023 20:20	5.3	345	7	7.2	0.0	30.2	37
08/10/2023 20:30	5.0	343	7	6.5	0.0	30.3	36
08/10/2023 20:40	6.0	338	5	7.4	0.0	30.4	34
08/10/2023 20:50	6.2	339	6	7.9	0.0	30.1	37
08/10/2023 21:00	5.6	340	8	7.2	0.0	30.2	36
08/10/2023 21:10	4.0	335	6	5.4	0.0	29.1	47
08/10/2023 21:20	3.4	340	6	4.7	0.0	28.5	51
08/10/2023 21:30	3.1	334	7	4.4	0.0	28.5	50
08/10/2023 21:40	1.8	318	14	2.6	0.0	28.2	50
08/10/2023 21:50	3.1	269	8	4.1	0.0	27.4	59
08/10/2023 22:00	3.3	283	8	4.6	0.0	27.3	57
08/10/2023 22:10	1.7	300	14	2.9	0.0	27.9	48
08/10/2023 22:20	1.3	293	14	2.1	0.0	27.5	50
08/10/2023 22:30	1.2	294	20	2.1	0.0	27.6	46
08/10/2023 22:40	0.8	141	36	1.7	0.0	27.1	53
08/10/2023 22:50	0.4	149	49	0.9	0.0	26.7	54
08/10/2023 23:00	0.5	156	33	0.9	0.0	26.8	52
08/10/2023 23:10	0.3	127	77	0.7	0.0	26.9	49
08/10/2023 23:20	0.3	55	54	0.7	0.0	26.7	49
08/10/2023 23:30	0.8	83	17	1.2	0.0	26.8	49
08/10/2023 23:40	0.5	71	35	0.9	0.0	26.5	47
08/10/2023 23:50	0.7	185	45	1.0	0.0	26.7	46
09/10/2023 00:00	1.5	285	13	2.1	0.0	27.6	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/10/2023 00:10	0.9	153	35	1.7	0.0	27.0	43
09/10/2023 00:20	1.9	282	14	3.1	0.0	27.5	40
09/10/2023 00:30	1.1	228	45	1.7	0.0	27.2	42
09/10/2023 00:40	0.7	218	38	1.2	0.0	26.0	44
09/10/2023 00:50	1.6	273	7	2.1	0.0	26.3	43
09/10/2023 01:00	0.8	282	23	1.6	0.0	25.7	45
09/10/2023 01:10	2.1	270	12	2.6	0.0	26.0	44
09/10/2023 01:20	1.8	278	14	2.9	0.0	27.4	39
09/10/2023 01:30	0.4	105	85	1.0	0.0	25.8	43
09/10/2023 01:40	1.0	38	28	1.6	0.0	24.8	45
09/10/2023 01:50	2.1	61	9	3.1	0.0	24.6	46
09/10/2023 02:00	2.8	68	14	4.4	0.0	24.2	55
09/10/2023 02:10	1.1	210	28	1.9	0.0	24.3	64
09/10/2023 02:20	1.2	68	25	1.8	0.0	24.7	65
09/10/2023 02:30	0.8	191	61	1.9	0.0	24.9	65
09/10/2023 02:40	1.0	273	20	2.2	0.0	24.9	65
09/10/2023 02:50	1.1	235	36	2.4	0.0	25.3	61
09/10/2023 03:00	1.7	292	52	3.2	0.0	25.1	58
09/10/2023 03:10	1.1	138	45	2.3	0.0	24.4	60
09/10/2023 03:20	1.8	247	18	3.1	0.0	24.9	55
09/10/2023 03:30	1.4	190	50	2.4	0.0	24.7	55
09/10/2023 03:40	0.6	165	45	1.6	0.0	25.8	49
09/10/2023 03:50	0.8	294	43	1.7	0.0	24.7	52
09/10/2023 04:00	0.9	158	27	1.5	0.0	24.7	52
09/10/2023 04:10	0.6	137	64	1.2	0.0	24.6	50
09/10/2023 04:20	0.7	294	40	1.7	0.0	25.4	46
09/10/2023 04:30	1.2	274	15	1.9	0.0	25.9	44
09/10/2023 04:40	0.7	161	37	1.3	0.0	24.8	47
09/10/2023 04:50	1.1	154	20	1.8	0.0	24.9	46
09/10/2023 05:00	0.5	197	20	1.0	0.0	24.3	48
09/10/2023 05:10	1.4	58	9	2.1	0.0	24.4	48
09/10/2023 05:20	1.6	56	8	2.1	0.0	23.8	49
09/10/2023 05:30	1.7	56	5	2.1	0.0	24.1	48
09/10/2023 05:40	1.5	49	7	1.9	0.0	24.5	45
09/10/2023 05:50	2.6	57	6	3.5	0.0	24.7	43
09/10/2023 06:00	2.2	61	8	2.8	0.0	24.4	45
09/10/2023 06:10	1.6	57	5	2.1	0.0	24.3	45
09/10/2023 06:20	1.1	51	6	1.8	0.0	24.9	46
09/10/2023 06:30	1.5	78	10	2.1	0.0	25.1	46
09/10/2023 06:40	1.6	58	4	1.9	0.0	25.1	47
09/10/2023 06:50	1.3	54	5	2.0	0.0	25.9	51
09/10/2023 07:00	1.2	47	7	1.7	0.0	26.9	53
09/10/2023 07:10	1.1	70	11	1.8	0.0	27.8	48
09/10/2023 07:20	1.5	79	10	2.5	0.0	28.4	45
09/10/2023 07:30	1.6	85	8	2.1	0.0	28.8	43
09/10/2023 07:40	2.0	84	7	2.7	0.0	28.9	43
09/10/2023 07:50	2.0	86	6	2.6	0.0	29.3	40
09/10/2023 08:00	2.2	89	7	3.0	0.0	29.7	36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/10/2023 08:10	2.2	85	11	2.9	0.0	30.3	33
09/10/2023 08:20	2.4	86	8	3.1	0.0	30.5	27
09/10/2023 08:30	2.2	100	16	2.9	0.0	31.5	24
09/10/2023 08:40	2.2	110	14	3.2	0.0	32.1	22
09/10/2023 08:50	2.1	90	16	3.1	0.0	31.9	23
09/10/2023 09:00	2.3	100	15	3.6	0.0	32.5	22
09/10/2023 09:10	2.3	97	13	3.2	0.0	32.5	21
09/10/2023 09:20	2.3	110	16	3.4	0.0	33.0	21
09/10/2023 09:30	2.3	109	15	3.4	0.0	33.3	20
09/10/2023 09:40	2.0	95	16	3.2	0.0	33.5	20
09/10/2023 09:50	2.4	98	22	3.5	0.0	33.8	20
09/10/2023 10:00	2.4	102	26	4.2	0.0	34.2	20
09/10/2023 10:10	2.9	102	14	4.2	0.0	34.3	21
09/10/2023 10:20	2.6	112	15	4.1	0.0	34.6	20
09/10/2023 10:30	3.0	109	13	4.5	0.0	34.8	19
09/10/2023 10:40	2.8	108	13	4.5	0.0	35.1	19
09/10/2023 10:50	2.8	110	13	4.1	0.0	35.1	19
09/10/2023 11:00	2.5	117	23	3.8	0.0	35.7	19
09/10/2023 11:10	3.0	111	17	4.2	0.0	35.9	18
09/10/2023 11:20	3.1	95	18	4.2	0.0	35.8	18
09/10/2023 11:30	3.0	67	16	5.0	0.0	36.4	17
09/10/2023 11:40	4.6	64	10	6.0	0.0	35.1	24
09/10/2023 11:50	4.6	59	10	6.1	0.0	34.8	27
09/10/2023 12:00	5.3	60	8	6.7	0.0	34.2	28
09/10/2023 12:10	5.1	57	8	6.7	0.0	34.7	26
09/10/2023 12:20	4.8	56	8	6.4	0.0	34.7	25
09/10/2023 12:30	4.6	60	11	6.0	0.0	35.2	25
09/10/2023 12:40	4.8	64	9	6.4	0.0	34.8	24
09/10/2023 12:50	4.7	64	12	6.4	0.0	35.4	23
09/10/2023 13:00	4.8	59	9	6.6	0.0	35.4	22
09/10/2023 13:10	3.9	64	10	5.1	0.0	36.2	16
09/10/2023 13:20	4.4	77	10	6.4	0.0	36.8	13
09/10/2023 13:30	5.1	69	10	7.3	0.0	36.8	13
09/10/2023 13:40	5.6	64	9	7.4	0.0	37.3	13
09/10/2023 13:50	6.0	62	10	8.3	0.0	37.1	14
09/10/2023 14:00	6.6	62	8	8.7	0.0	36.7	14
09/10/2023 14:10	6.7	67	9	9.0	0.0	36.5	13
09/10/2023 14:20	6.4	56	10	8.3	0.0	36.7	14
09/10/2023 14:30	7.1	54	7	8.6	0.0	36.5	11
09/10/2023 14:40	6.8	59	8	9.0	0.0	36.5	11
09/10/2023 14:50	6.6	64	8	9.3	0.0	36.6	12
09/10/2023 15:00	7.1	63	7	9.8	0.0	36.3	14
09/10/2023 15:10	6.8	61	9	8.9	0.0	36.1	14
09/10/2023 15:20	6.3	52	12	8.4	0.0	36.6	12
09/10/2023 15:30	6.0	47	12	8.8	0.0	36.6	14
09/10/2023 15:40	6.5	23	9	8.7	0.0	36.4	16
09/10/2023 15:50	5.7	16	13	7.9	0.0	36.0	20
09/10/2023 16:00	5.7	17	10	7.7	0.0	35.8	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/10/2023 16:10	5.8	13	9	7.5	0.0	35.7	19
09/10/2023 16:20	5.7	12	10	7.4	0.0	35.4	19
09/10/2023 16:30	6.1	20	9	8.1	0.0	35.4	19
09/10/2023 16:40	5.4	20	12	7.4	0.0	35.2	20
09/10/2023 16:50	5.8	17	8	7.6	0.0	34.8	22
09/10/2023 17:00	6.0	17	7	7.6	0.0	34.3	22
09/10/2023 17:10	5.5	20	8	7.3	0.0	34.3	22
09/10/2023 17:20	5.0	23	8	7.2	0.0	34.0	23
09/10/2023 17:30	4.6	20	9	6.1	0.0	33.6	25
09/10/2023 17:40	5.3	19	8	6.7	0.0	33.0	27
09/10/2023 17:50	5.2	22	8	6.8	0.0	32.6	27
09/10/2023 18:00	5.2	20	7	6.8	0.0	32.3	27
09/10/2023 18:10	5.3	23	8	7.5	0.0	32.3	22
09/10/2023 18:20	4.3	6	10	5.5	0.0	31.8	28
09/10/2023 18:30	3.7	337	10	5.0	0.0	31.0	40
09/10/2023 18:40	4.2	336	8	5.9	0.0	30.8	39
09/10/2023 18:50	5.6	352	8	6.7	0.0	31.4	31
09/10/2023 19:00	4.6	344	7	6.4	0.0	31.1	35
09/10/2023 19:10	4.1	339	6	5.0	0.0	30.6	41
09/10/2023 19:20	4.1	345	6	5.2	0.0	30.5	40
09/10/2023 19:30	3.9	343	6	5.2	0.0	30.2	39
09/10/2023 19:40	4.0	336	6	5.0	0.0	30.0	41
09/10/2023 19:50	4.0	337	5	4.9	0.0	29.7	42
09/10/2023 20:00	3.5	324	10	4.5	0.0	29.6	43
09/10/2023 20:10	2.7	287	12	3.6	0.0	28.7	56
09/10/2023 20:20	3.0	275	11	3.9	0.0	28.2	59
09/10/2023 20:30	3.7	265	7	4.7	0.0	27.9	63
09/10/2023 20:40	3.2	270	6	4.2	0.0	27.4	68
09/10/2023 20:50	2.4	278	9	3.1	0.0	27.0	69
09/10/2023 21:00	3.2	279	9	4.3	0.0	27.3	60
09/10/2023 21:10	2.6	270	14	3.4	0.0	28.1	59
09/10/2023 21:20	2.8	258	5	3.6	0.0	26.9	67
09/10/2023 21:30	3.2	262	5	3.8	0.0	27.0	66
09/10/2023 21:40	3.1	272	8	3.8	0.0	27.3	62
09/10/2023 21:50	3.4	270	6	4.1	0.0	27.5	60
09/10/2023 22:00	3.1	283	6	3.9	0.0	27.4	60
09/10/2023 22:10	3.0	294	6	3.8	0.0	27.3	60
09/10/2023 22:20	2.7	288	6	3.3	0.0	27.1	62
09/10/2023 22:30	2.6	289	6	3.2	0.0	26.9	62
09/10/2023 22:40	2.3	291	5	3.1	0.0	26.9	61
09/10/2023 22:50	2.4	296	6	2.8	0.0	26.8	61
09/10/2023 23:00	2.4	277	7	3.2	0.0	26.4	62
09/10/2023 23:10	2.3	279	5	2.8	0.0	26.2	63
09/10/2023 23:20	3.0	271	4	3.5	0.0	26.0	62
09/10/2023 23:30	3.0	278	4	3.4	0.0	26.4	57
09/10/2023 23:40	3.0	275	4	3.6	0.0	26.2	56
09/10/2023 23:50	3.4	276	4	3.9	0.0	26.3	53
10/10/2023 00:00	3.2	282	3	3.8	0.0	26.7	50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/10/2023 00:10	3.5	277	5	4.3	0.0	27.0	47
10/10/2023 00:20	3.3	277	4	4.2	0.0	26.7	48
10/10/2023 00:30	2.5	278	3	3.2	0.0	26.5	47
10/10/2023 00:40	2.7	277	4	3.3	0.0	25.9	48
10/10/2023 00:50	2.8	288	5	3.3	0.0	26.6	46
10/10/2023 01:00	2.9	284	4	3.5	0.0	26.8	46
10/10/2023 01:10	2.5	285	5	3.0	0.0	26.5	49
10/10/2023 01:20	1.9	290	7	2.5	0.0	26.3	52
10/10/2023 01:30	0.7	239	18	1.2	0.0	25.5	54
10/10/2023 01:40	1.9	263	4	2.4	0.0	24.9	57
10/10/2023 01:50	2.3	270	2	2.6	0.0	24.9	58
10/10/2023 02:00	2.8	269	2	3.1	0.0	24.6	58
10/10/2023 02:10	2.9	275	2	3.2	0.0	25.0	60
10/10/2023 02:20	2.9	266	2	3.3	0.0	24.7	61
10/10/2023 02:30	3.5	262	3	3.8	0.0	24.1	59
10/10/2023 02:40	3.6	257	3	4.3	0.0	23.7	62
10/10/2023 02:50	3.5	260	3	3.9	0.0	23.8	65
10/10/2023 03:00	3.5	261	2	3.8	0.0	23.8	65
10/10/2023 03:10	3.0	266	4	3.7	0.0	23.7	66
10/10/2023 03:20	3.0	258	4	4.0	0.0	23.7	68
10/10/2023 03:30	3.4	254	5	4.2	0.0	23.9	70
10/10/2023 03:40	3.4	263	3	4.0	0.0	24.1	70
10/10/2023 03:50	3.3	265	2	3.6	0.0	23.9	72
10/10/2023 04:00	3.2	268	2	3.7	0.0	24.0	72
10/10/2023 04:10	1.2	241	25	2.6	0.0	24.0	71
10/10/2023 04:20	1.6	246	27	3.3	0.0	24.4	68
10/10/2023 04:30	1.6	274	11	2.5	0.0	24.9	63
10/10/2023 04:40	1.8	249	20	3.6	0.0	25.1	59
10/10/2023 04:50	1.2	225	16	2.5	0.0	25.5	55
10/10/2023 05:00	1.4	214	15	2.6	0.0	25.7	48
10/10/2023 05:10	0.7	153	44	1.5	0.0	25.9	46
10/10/2023 05:20	1.0	88	30	1.4	0.0	25.6	45
10/10/2023 05:30	1.3	221	19	2.2	0.0	25.6	46
10/10/2023 05:40	1.1	197	69	2.2	0.0	26.2	44
10/10/2023 05:50	1.6	51	14	2.2	0.0	24.4	49
10/10/2023 06:00	0.8	162	52	1.9	0.0	25.2	46
10/10/2023 06:10	1.3	54	9	1.9	0.0	25.3	46
10/10/2023 06:20	1.4	54	6	1.7	0.0	25.0	49
10/10/2023 06:30	1.4	60	8	1.8	0.0	25.8	48
10/10/2023 06:40	1.5	65	6	1.9	0.0	26.0	48
10/10/2023 06:50	1.3	69	9	1.6	0.0	26.7	46
10/10/2023 07:00	2.0	83	7	2.6	0.0	27.1	45
10/10/2023 07:10	2.1	92	7	2.8	0.0	27.6	44
10/10/2023 07:20	2.1	94	7	2.7	0.0	28.0	42
10/10/2023 07:30	1.9	87	9	2.9	0.0	28.2	40
10/10/2023 07:40	1.8	103	18	3.1	0.0	29.0	38
10/10/2023 07:50	1.6	89	13	2.8	0.0	29.6	36
10/10/2023 08:00	2.0	83	10	3.1	0.0	29.7	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/10/2023 08:10	2.6	93	9	3.3	0.0	29.8	35
10/10/2023 08:20	2.1	102	13	3.1	0.0	30.3	34
10/10/2023 08:30	1.9	97	14	2.9	0.0	30.8	33
10/10/2023 08:40	1.8	95	18	2.8	0.0	31.3	32
10/10/2023 08:50	1.7	88	13	2.4	0.0	31.5	30
10/10/2023 09:00	1.3	115	28	2.2	0.0	32.6	28
10/10/2023 09:10	1.6	133	33	2.7	0.0	33.0	28
10/10/2023 09:20	1.9	99	16	3.0	0.0	33.0	28
10/10/2023 09:30	2.3	109	14	3.6	0.0	33.3	28
10/10/2023 09:40	2.2	123	18	3.1	0.0	33.0	28
10/10/2023 09:50	2.1	116	17	3.3	0.0	34.1	27
10/10/2023 10:00	2.1	106	18	3.6	0.0	34.7	25
10/10/2023 10:10	2.5	96	16	4.1	0.0	34.6	26
10/10/2023 10:20	2.7	87	37	4.7	0.0	35.6	23
10/10/2023 10:30	2.6	253	30	4.3	0.0	35.1	23
10/10/2023 10:40	3.3	278	12	4.9	0.0	35.5	21
10/10/2023 10:50	3.4	271	17	5.5	0.0	35.5	20
10/10/2023 11:00	3.7	273	12	5.6	0.0	35.7	19
10/10/2023 11:10	3.7	277	16	5.6	0.0	35.7	20
10/10/2023 11:20	3.6	275	11	5.2	0.0	35.6	21
10/10/2023 11:30	3.9	276	13	6.0	0.0	35.4	23
10/10/2023 11:40	3.8	309	14	5.6	0.0	34.7	26
10/10/2023 11:50	3.2	296	16	4.8	0.0	35.0	26
10/10/2023 12:00	3.2	310	13	4.7	0.0	35.0	29
10/10/2023 12:10	3.5	326	10	5.2	0.0	34.5	34
10/10/2023 12:20	4.2	327	11	5.5	0.0	34.3	35
10/10/2023 12:30	4.1	330	9	5.4	0.0	34.3	36
10/10/2023 12:40	4.7	327	9	5.7	0.0	34.3	38
10/10/2023 12:50	4.2	326	12	5.8	0.0	34.3	42
10/10/2023 13:00	4.5	333	7	6.3	0.0	34.0	41
10/10/2023 13:10	4.0	328	10	5.4	0.0	34.1	41
10/10/2023 13:20	4.4	321	9	5.8	0.0	34.2	40
10/10/2023 13:30	5.7	324	7	7.1	0.0	33.9	39
10/10/2023 13:40	5.4	329	8	6.9	0.0	34.3	37
10/10/2023 13:50	5.6	323	8	7.1	0.0	34.5	35
10/10/2023 14:00	5.6	325	9	6.9	0.0	34.3	33
10/10/2023 14:10	5.0	322	11	7.0	0.0	34.3	34
10/10/2023 14:20	5.0	319	11	6.5	0.0	34.5	35
10/10/2023 14:30	4.8	325	8	6.1	0.0	34.7	34
10/10/2023 14:40	4.8	319	7	6.0	0.0	34.7	34
10/10/2023 14:50	5.2	323	8	7.0	0.0	34.6	35
10/10/2023 15:00	5.6	335	10	6.8	0.0	34.8	28
10/10/2023 15:10	5.6	325	6	7.2	0.0	34.8	27
10/10/2023 15:20	5.3	333	9	6.5	0.0	34.5	30
10/10/2023 15:30	5.7	333	9	7.3	0.0	34.2	29
10/10/2023 15:40	5.6	332	8	7.1	0.0	33.8	36
10/10/2023 15:50	5.9	331	6	7.0	0.0	33.0	42
10/10/2023 16:00	5.4	336	9	6.9	0.0	32.7	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/10/2023 16:10	4.4	328	14	6.1	0.0	32.8	44
10/10/2023 16:20	5.1	311	12	6.7	0.0	32.9	42
10/10/2023 16:30	6.2	312	7	8.1	0.0	33.2	34
10/10/2023 16:40	5.9	312	7	7.8	0.0	33.1	33
10/10/2023 16:50	5.5	311	6	7.0	0.0	33.0	34
10/10/2023 17:00	4.8	307	10	6.6	0.0	33.2	34
10/10/2023 17:10	5.1	284	6	7.0	0.0	33.0	39
10/10/2023 17:20	5.9	290	7	7.7	0.0	32.3	40
10/10/2023 17:30	5.4	297	6	6.8	0.0	31.9	43
10/10/2023 17:40	5.3	282	10	6.8	0.0	31.6	47
10/10/2023 17:50	5.1	273	5	6.2	0.0	30.7	54
10/10/2023 18:00	4.0	274	6	4.9	0.0	30.6	54
10/10/2023 18:10	4.1	273	6	5.3	0.0	30.3	55
10/10/2023 18:20	3.6	262	6	4.8	0.0	29.8	58
10/10/2023 18:30	3.9	257	4	4.7	0.0	29.5	59
10/10/2023 18:40	4.2	261	6	4.9	0.0	29.2	61
10/10/2023 18:50	3.9	268	5	4.5	0.0	29.1	62
10/10/2023 19:00	3.5	267	5	4.3	0.0	29.0	62
10/10/2023 19:10	3.8	261	6	4.6	0.0	28.8	62
10/10/2023 19:20	3.5	260	6	4.1	0.0	28.6	63
10/10/2023 19:30	3.1	266	6	3.8	0.0	28.5	64
10/10/2023 19:40	3.5	260	6	4.3	0.0	28.5	64
10/10/2023 19:50	2.6	256	9	3.5	0.0	28.7	61
10/10/2023 20:00	2.9	267	6	3.5	0.0	28.4	66
10/10/2023 20:10	2.6	283	4	3.2	0.0	27.9	68
10/10/2023 20:20	2.7	290	9	3.3	0.0	28.0	69
10/10/2023 20:30	3.2	275	6	3.8	0.0	27.9	71
10/10/2023 20:40	3.6	268	6	4.2	0.0	27.8	71
10/10/2023 20:50	2.8	271	7	3.6	0.0	27.5	71
10/10/2023 21:00	2.7	289	5	3.2	0.0	27.2	69
10/10/2023 21:10	2.2	272	5	2.9	0.0	27.1	68
10/10/2023 21:20	2.8	255	6	3.6	0.0	27.1	67
10/10/2023 21:30	2.8	272	6	3.5	0.0	26.9	65
10/10/2023 21:40	3.4	273	6	4.4	0.0	26.7	65
10/10/2023 21:50	4.4	272	4	5.2	0.0	26.7	67
10/10/2023 22:00	4.1	277	5	5.1	0.0	26.8	69
10/10/2023 22:10	4.2	284	4	5.1	0.0	26.8	69
10/10/2023 22:20	4.3	281	4	5.0	0.0	26.7	69
10/10/2023 22:30	4.1	278	3	4.7	0.0	26.6	69
10/10/2023 22:40	4.3	280	3	5.1	0.0	26.5	68
10/10/2023 22:50	4.5	281	4	5.4	0.0	26.5	68
10/10/2023 23:00	4.3	272	3	5.1	0.0	26.4	67
10/10/2023 23:10	4.0	271	4	4.8	0.0	26.4	66
10/10/2023 23:20	4.4	273	5	5.4	0.0	26.4	65
10/10/2023 23:30	3.9	278	5	4.8	0.0	26.3	63
10/10/2023 23:40	3.7	276	5	4.3	0.0	26.2	63
10/10/2023 23:50	3.3	271	6	4.3	0.0	26.0	64
11/10/2023 00:00	3.6	267	5	4.6	0.0	26.0	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/10/2023 00:10	3.0	268	6	3.7	0.0	25.9	66
11/10/2023 00:20	3.7	266	6	4.7	0.0	25.9	67
11/10/2023 00:30	3.7	270	3	4.4	0.0	25.9	68
11/10/2023 00:40	3.7	269	4	4.4	0.0	25.8	68
11/10/2023 00:50	3.3	267	4	4.2	0.0	25.9	68
11/10/2023 01:00	3.2	263	7	4.7	0.0	25.7	69
11/10/2023 01:10	4.5	270	4	5.4	0.0	26.0	69
11/10/2023 01:20	3.4	271	4	4.3	0.0	25.9	69
11/10/2023 01:30	2.3	264	5	3.0	0.0	25.7	69
11/10/2023 01:40	2.8	267	2	3.0	0.0	25.3	69
11/10/2023 01:50	3.1	265	2	3.4	0.0	25.1	68
11/10/2023 02:00	3.2	261	2	3.4	0.0	24.9	68
11/10/2023 02:10	3.1	262	3	3.5	0.0	24.7	68
11/10/2023 02:20	2.8	272	2	3.0	0.0	24.9	67
11/10/2023 02:30	2.8	271	2	2.9	0.0	25.1	67
11/10/2023 02:40	2.9	272	1	3.1	0.0	25.1	67
11/10/2023 02:50	2.6	276	3	2.8	0.0	25.2	67
11/10/2023 03:00	2.5	271	3	2.9	0.0	25.2	67
11/10/2023 03:10	2.4	277	4	2.7	0.0	25.3	68
11/10/2023 03:20	2.8	275	2	3.0	0.0	25.3	68
11/10/2023 03:30	3.0	274	2	3.4	0.0	25.1	68
11/10/2023 03:40	3.2	272	2	3.6	0.0	24.9	67
11/10/2023 03:50	3.0	267	3	3.6	0.0	24.7	66
11/10/2023 04:00	2.9	267	3	3.6	0.0	24.8	64
11/10/2023 04:10	3.2	270	3	3.9	0.0	24.8	62
11/10/2023 04:20	3.4	264	4	4.3	0.0	24.8	61
11/10/2023 04:30	2.7	264	5	3.5	0.0	24.8	60
11/10/2023 04:40	2.4	268	6	3.1	0.0	24.6	60
11/10/2023 04:50	3.1	263	5	3.8	0.0	24.5	59
11/10/2023 05:00	2.4	266	5	3.2	0.0	24.5	59
11/10/2023 05:10	2.1	264	5	3.1	0.0	24.4	58
11/10/2023 05:20	2.6	270	6	3.5	0.0	24.4	57
11/10/2023 05:30	3.0	271	4	3.7	0.0	24.7	56
11/10/2023 05:40	2.9	265	4	3.6	0.0	24.8	56
11/10/2023 05:50	2.9	261	4	3.3	0.0	24.6	56
11/10/2023 06:00	2.4	274	5	3.0	0.0	24.5	55
11/10/2023 06:10	2.8	271	4	3.6	0.0	24.8	55
11/10/2023 06:20	2.9	276	5	3.5	0.0	25.0	54
11/10/2023 06:30	3.5	268	4	4.4	0.0	25.2	54
11/10/2023 06:40	3.7	263	6	5.0	0.0	25.3	54
11/10/2023 06:50	3.6	267	6	4.4	0.0	25.6	55
11/10/2023 07:00	4.1	269	5	5.6	0.0	25.9	56
11/10/2023 07:10	4.6	269	4	6.1	0.0	26.2	58
11/10/2023 07:20	4.2	266	6	5.5	0.0	26.4	60
11/10/2023 07:30	4.0	272	8	5.7	0.0	26.7	63
11/10/2023 07:40	3.9	268	10	5.6	0.0	27.1	64
11/10/2023 07:50	3.2	273	9	4.5	0.0	27.5	65
11/10/2023 08:00	3.5	265	9	4.6	0.0	27.7	65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/10/2023 08:10	3.2	269	9	4.4	0.0	28.1	64
11/10/2023 08:20	2.7	269	12	3.8	0.0	28.4	64
11/10/2023 08:30	2.0	279	16	3.5	0.0	28.8	63
11/10/2023 08:40	2.4	274	12	3.7	0.0	29.2	62
11/10/2023 08:50	2.8	274	12	3.7	0.0	29.5	61
11/10/2023 09:00	2.7	278	14	4.1	0.0	29.7	61
11/10/2023 09:10	2.2	276	17	3.4	0.0	30.0	61
11/10/2023 09:20	1.5	246	35	2.7	0.0	30.8	58
11/10/2023 09:30	1.5	194	23	2.4	0.0	31.3	55
11/10/2023 09:40	2.4	112	22	3.6	0.0	31.5	58
11/10/2023 09:50	1.9	118	25	3.1	0.0	31.9	55
11/10/2023 10:00	1.2	112	38	2.4	0.0	33.2	51
11/10/2023 10:10	2.0	100	19	3.3	0.0	34.1	47
11/10/2023 10:20	2.6	113	12	3.6	0.0	34.0	48
11/10/2023 10:30	2.3	139	24	3.5	0.0	33.2	51
11/10/2023 10:40	2.9	111	17	4.3	0.0	33.4	49
11/10/2023 10:50	3.2	103	15	4.9	0.0	33.1	50
11/10/2023 11:00	2.7	79	16	4.0	0.0	33.2	50
11/10/2023 11:10	2.6	71	20	4.3	0.0	33.7	48
11/10/2023 11:20	3.2	51	14	4.5	0.0	33.5	47
11/10/2023 11:30	3.3	66	13	4.5	0.0	33.5	48
11/10/2023 11:40	2.9	82	18	4.3	0.0	33.9	47
11/10/2023 11:50	1.8	61	28	3.1	0.0	35.9	39
11/10/2023 12:00	2.0	46	50	4.1	0.0	37.1	33
11/10/2023 12:10	3.0	133	12	4.3	0.0	35.5	40
11/10/2023 12:20	3.2	125	11	4.5	0.0	35.2	42
11/10/2023 12:30	3.1	124	12	4.3	0.0	35.0	44
11/10/2023 12:40	2.6	273	54	3.9	0.0	35.8	36
11/10/2023 12:50	3.7	323	10	4.9	0.0	35.7	37
11/10/2023 13:00	3.9	320	9	5.3	0.0	35.2	38
11/10/2023 13:10	3.2	340	20	4.4	0.0	35.7	37
11/10/2023 13:20	3.2	323	13	4.6	0.0	35.4	39
11/10/2023 13:30	3.3	326	12	4.5	0.0	35.3	40
11/10/2023 13:40	4.0	329	12	5.6	0.0	34.9	43
11/10/2023 13:50	4.1	320	8	5.5	0.0	35.0	40
11/10/2023 14:00	3.7	327	10	4.7	0.0	35.2	40
11/10/2023 14:10	3.6	329	12	4.9	0.0	35.5	39
11/10/2023 14:20	3.8	331	15	5.4	0.0	35.3	42
11/10/2023 14:30	4.0	324	15	5.3	0.0	34.7	44
11/10/2023 14:40	4.4	333	12	5.9	0.0	34.9	43
11/10/2023 14:50	4.7	339	10	6.3	0.0	34.6	44
11/10/2023 15:00	4.1	337	13	5.7	0.0	34.5	44
11/10/2023 15:10	5.6	337	8	7.2	0.0	34.0	42
11/10/2023 15:20	5.5	349	9	7.0	0.0	33.5	50
11/10/2023 15:30	5.5	356	7	7.1	0.0	33.4	53
11/10/2023 15:40	5.6	356	6	6.9	0.0	33.2	53
11/10/2023 15:50	5.2	357	6	6.5	0.0	32.9	51
11/10/2023 16:00	5.1	179	7	6.4	0.0	32.7	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/10/2023 16:10	5.1	181	6	6.3	0.0	32.4	54
11/10/2023 16:20	5.1	355	7	6.3	0.0	32.0	55
11/10/2023 16:30	5.0	354	8	6.2	0.0	31.7	59
11/10/2023 16:40	5.0	176	7	6.2	0.0	31.6	58
11/10/2023 16:50	5.2	355	8	6.4	0.0	31.2	60
11/10/2023 17:00	5.1	357	8	6.4	0.0	30.7	64
11/10/2023 17:10	5.2	351	8	6.5	0.0	30.3	65
11/10/2023 17:20	4.6	350	8	6.3	0.0	30.3	66
11/10/2023 17:30	4.4	352	7	6.0	0.0	30.2	66
11/10/2023 17:40	3.8	342	10	5.2	0.0	30.1	67
11/10/2023 17:50	3.8	333	9	5.5	0.0	29.9	67
11/10/2023 18:00	3.9	325	9	5.6	0.0	29.9	67
11/10/2023 18:10	4.3	329	8	6.2	0.0	29.8	67
11/10/2023 18:20	4.7	331	7	6.3	0.0	29.4	68
11/10/2023 18:30	4.7	330	7	6.0	0.0	29.2	68
11/10/2023 18:40	4.1	314	8	5.7	0.0	29.1	67
11/10/2023 18:50	4.1	309	8	5.7	0.0	29.6	64
11/10/2023 19:00	3.8	310	10	5.4	0.0	29.8	63
11/10/2023 19:10	2.9	266	9	4.1	0.0	29.4	66
11/10/2023 19:20	3.1	272	6	4.0	0.0	28.9	68
11/10/2023 19:30	3.8	276	6	5.1	0.0	28.8	67
11/10/2023 19:40	3.7	271	9	4.8	0.0	28.8	68
11/10/2023 19:50	3.8	290	6	4.7	0.0	28.6	68
11/10/2023 20:00	3.0	288	10	4.1	0.0	29.1	64
11/10/2023 20:10	2.5	288	15	3.9	0.0	29.0	62
11/10/2023 20:20	2.3	322	9	3.5	0.0	29.0	67
11/10/2023 20:30	1.6	298	12	2.8	0.0	28.6	68
11/10/2023 20:40	2.3	298	8	3.0	0.0	28.4	68
11/10/2023 20:50	3.4	279	6	4.0	0.0	28.0	69
11/10/2023 21:00	3.9	275	3	4.5	0.0	28.1	69
11/10/2023 21:10	3.2	285	6	4.1	0.0	27.9	69
11/10/2023 21:20	2.2	281	9	2.7	0.0	27.8	70
11/10/2023 21:30	3.1	281	5	3.6	0.0	27.4	70
11/10/2023 21:40	2.9	293	5	3.6	0.0	27.3	69
11/10/2023 21:50	3.0	288	6	3.9	0.0	27.8	68
11/10/2023 22:00	2.7	292	6	3.8	0.0	27.8	69
11/10/2023 22:10	3.4	292	8	4.4	0.0	27.5	68
11/10/2023 22:20	3.7	282	7	4.9	0.0	27.2	66
11/10/2023 22:30	3.9	281	7	4.8	0.0	27.2	65
11/10/2023 22:40	3.6	280	6	4.5	0.0	27.1	62
11/10/2023 22:50	3.7	277	6	4.6	0.0	27.1	60
11/10/2023 23:00	4.5	280	6	5.4	0.0	26.9	58
11/10/2023 23:10	4.1	277	6	5.6	0.0	26.8	56
11/10/2023 23:20	3.9	274	7	5.4	0.0	26.6	55
11/10/2023 23:30	3.7	273	6	4.8	0.0	26.6	55
11/10/2023 23:40	3.2	268	7	4.4	0.0	26.5	55
11/10/2023 23:50	3.3	269	8	4.2	0.0	26.4	54
12/10/2023 00:00	3.5	279	6	4.8	0.0	26.4	54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/10/2023 00:10	3.8	282	6	4.9	0.0	26.3	54
12/10/2023 00:20	3.4	272	6	4.6	0.0	26.3	54
12/10/2023 00:30	4.3	267	6	5.3	0.0	26.3	54
12/10/2023 00:40	4.9	267	6	6.5	0.0	26.3	54
12/10/2023 00:50	3.9	266	8	5.2	0.0	26.3	54
12/10/2023 01:00	3.3	264	10	4.8	0.0	25.9	54
12/10/2023 01:10	3.8	260	5	4.6	0.0	26.0	54
12/10/2023 01:20	4.3	258	4	5.1	0.0	25.8	55
12/10/2023 01:30	3.2	267	7	4.4	0.0	25.6	56
12/10/2023 01:40	2.5	267	5	3.2	0.0	25.4	56
12/10/2023 01:50	3.0	261	5	4.0	0.0	25.1	58
12/10/2023 02:00	3.8	255	7	5.2	0.0	25.3	60
12/10/2023 02:10	3.7	258	5	4.7	0.0	25.3	61
12/10/2023 02:20	3.6	261	3	4.0	0.0	25.1	61
12/10/2023 02:30	2.9	266	3	3.6	0.0	25.0	61
12/10/2023 02:40	2.4	265	4	3.1	0.0	24.8	61
12/10/2023 02:50	2.0	273	6	2.7	0.0	24.7	61
12/10/2023 03:00	2.3	271	5	2.9	0.0	24.9	61
12/10/2023 03:10	2.3	276	3	2.7	0.0	25.0	61
12/10/2023 03:20	2.3	280	3	2.8	0.0	24.9	62
12/10/2023 03:30	2.0	274	4	2.7	0.0	24.6	63
12/10/2023 03:40	0.6	178	34	1.1	0.0	24.6	63
12/10/2023 03:50	0.2	256	70	0.4	0.0	24.5	63
12/10/2023 04:00	0.3	151	47	0.6	0.0	24.2	63
12/10/2023 04:10	0.7	98	22	1.1	0.0	23.7	64
12/10/2023 04:20	0.7	266	18	1.3	0.0	23.8	63
12/10/2023 04:30	1.3	270	30	2.5	0.0	23.9	63
12/10/2023 04:40	3.6	270	2	4.1	0.0	24.4	61
12/10/2023 04:50	3.5	261	5	4.6	0.0	24.5	61
12/10/2023 05:00	3.4	263	5	4.0	0.0	24.3	60
12/10/2023 05:10	2.9	267	3	3.6	0.0	24.1	60
12/10/2023 05:20	2.0	265	9	2.9	0.0	24.1	60
12/10/2023 05:30	0.8	256	19	1.3	0.0	24.0	60
12/10/2023 05:40	1.7	269	6	2.1	0.0	23.9	60
12/10/2023 05:50	0.9	256	12	1.4	0.0	23.9	60
12/10/2023 06:00	0.9	264	14	1.4	0.0	24.2	60
12/10/2023 06:10	0.8	323	25	1.3	0.0	24.4	60
12/10/2023 06:20	0.7	10	33	1.2	0.0	24.5	61
12/10/2023 06:30	1.1	345	8	1.4	0.0	25.1	61
12/10/2023 06:40	1.1	306	10	1.5	0.0	25.7	63
12/10/2023 06:50	0.7	308	41	1.2	0.0	26.4	64
12/10/2023 07:00	0.6	166	38	1.1	0.0	26.9	64
12/10/2023 07:10	0.9	186	12	1.4	0.0	26.8	64
12/10/2023 07:20	0.5	183	22	1.1	0.0	27.1	64
12/10/2023 07:30	0.7	120	31	1.1	0.0	28.4	64
12/10/2023 07:40	0.7	95	39	1.6	0.0	29.3	63
12/10/2023 07:50	1.1	109	18	2.1	0.0	29.9	61
12/10/2023 08:00	1.4	105	18	2.1	0.0	30.5	59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/10/2023 08:10	1.6	127	14	2.1	0.0	30.7	58
12/10/2023 08:20	1.3	135	42	2.2	0.0	31.2	54
12/10/2023 08:30	2.0	100	20	3.4	0.0	31.7	50
12/10/2023 08:40	2.5	108	13	3.3	0.0	31.9	48
12/10/2023 08:50	2.8	108	13	3.9	0.0	31.1	51
12/10/2023 09:00	2.8	110	12	4.1	0.0	31.4	49
12/10/2023 09:10	3.1	106	12	4.3	0.0	31.2	47
12/10/2023 09:20	3.5	97	11	4.8	0.0	31.1	47
12/10/2023 09:30	3.6	92	12	4.8	0.0	31.1	46
12/10/2023 09:40	4.3	84	11	5.6	0.0	31.5	42
12/10/2023 09:50	4.7	88	8	6.2	0.0	31.3	47
12/10/2023 10:00	4.5	92	8	6.1	0.0	31.0	52
12/10/2023 10:10	3.9	96	13	5.5	0.0	32.0	44
12/10/2023 10:20	4.7	83	10	6.3	0.0	32.9	37
12/10/2023 10:30	3.9	74	14	5.2	0.0	34.1	35
12/10/2023 10:40	4.7	50	10	6.2	0.0	33.5	44
12/10/2023 10:50	5.5	52	8	7.2	0.0	33.2	43
12/10/2023 11:00	5.6	59	10	7.6	0.0	33.6	39
12/10/2023 11:10	5.5	61	9	7.3	0.0	33.7	40
12/10/2023 11:20	5.1	57	11	7.1	0.0	34.2	36
12/10/2023 11:30	5.2	60	10	7.2	0.0	34.7	34
12/10/2023 11:40	6.0	55	9	7.3	0.0	34.4	34
12/10/2023 11:50	5.3	51	10	7.2	0.0	35.1	29
12/10/2023 12:00	5.4	50	8	7.1	0.0	35.6	27
12/10/2023 12:10	5.1	55	7	6.7	0.0	35.9	23
12/10/2023 12:20	4.3	54	10	6.1	0.0	36.8	20
12/10/2023 12:30	4.3	57	10	5.7	0.0	37.8	16
12/10/2023 12:40	4.2	61	13	5.4	0.0	38.3	14
12/10/2023 12:50	4.6	64	11	7.2	0.0	38.7	15
12/10/2023 13:00	5.2	63	8	7.2	0.0	38.4	14
12/10/2023 13:10	5.6	59	11	8.2	0.0	38.5	14
12/10/2023 13:20	5.7	58	8	7.5	0.0	38.2	14
12/10/2023 13:30	4.8	62	9	6.5	0.0	38.4	13
12/10/2023 13:40	4.4	68	11	6.0	0.0	39.3	12
12/10/2023 13:50	3.8	61	13	5.8	0.0	39.3	13
12/10/2023 14:00	3.7	37	30	6.8	0.0	39.6	15
12/10/2023 14:10	3.7	10	15	5.6	0.0	39.3	20
12/10/2023 14:20	3.3	24	28	4.9	0.0	39.6	18
12/10/2023 14:30	3.2	29	19	4.8	0.0	39.5	16
12/10/2023 14:40	3.6	13	17	6.5	0.0	39.5	18
12/10/2023 14:50	3.5	9	13	5.1	0.0	39.2	19
12/10/2023 15:00	3.9	349	13	5.8	0.0	38.6	25
12/10/2023 15:10	4.3	327	7	5.6	0.0	37.2	31
12/10/2023 15:20	4.7	319	7	6.0	0.0	36.4	34
12/10/2023 15:30	4.6	319	9	6.1	0.0	37.3	27
12/10/2023 15:40	4.5	326	9	6.2	0.0	37.5	24
12/10/2023 15:50	4.2	336	15	5.7	0.0	36.6	28
12/10/2023 16:00	4.3	347	14	5.6	0.0	36.1	29



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/10/2023 16:10	4.2	341	10	5.5	0.0	36.4	24
12/10/2023 16:20	4.3	349	9	5.8	0.0	36.3	24
12/10/2023 16:30	4.7	336	8	6.2	0.0	36.2	20
12/10/2023 16:40	4.3	349	11	6.1	0.0	36.6	20
12/10/2023 16:50	4.3	351	9	5.3	0.0	36.0	23
12/10/2023 17:00	4.4	350	9	5.8	0.0	36.1	21
12/10/2023 17:10	4.6	338	6	5.6	0.0	35.7	21
12/10/2023 17:20	4.4	337	7	5.5	0.0	36.0	18
12/10/2023 17:30	4.8	331	6	5.9	0.0	35.9	17
12/10/2023 17:40	4.5	331	5	5.8	0.0	35.8	17
12/10/2023 17:50	4.4	334	6	5.5	0.0	35.5	18
12/10/2023 18:00	4.5	334	6	5.5	0.0	34.9	19
12/10/2023 18:10	5.0	325	4	5.7	0.0	34.4	22
12/10/2023 18:20	4.6	325	5	5.7	0.0	33.5	28
12/10/2023 18:30	3.8	308	11	5.2	0.0	33.1	31
12/10/2023 18:40	3.9	284	8	5.0	0.0	32.4	36
12/10/2023 18:50	3.4	305	9	4.5	0.0	32.0	44
12/10/2023 19:00	2.9	314	8	4.0	0.0	31.1	55
12/10/2023 19:10	3.3	308	8	4.3	0.0	30.8	58
12/10/2023 19:20	3.0	304	13	4.4	0.0	30.5	58
12/10/2023 19:30	2.5	304	19	3.8	0.0	30.4	56
12/10/2023 19:40	2.9	295	12	4.2	0.0	30.2	56
12/10/2023 19:50	3.4	296	10	4.7	0.0	30.4	53
12/10/2023 20:00	3.1	293	12	4.7	0.0	30.1	55
12/10/2023 20:10	1.5	257	24	2.5	0.0	29.6	61
12/10/2023 20:20	2.9	293	15	4.3	0.0	29.3	62
12/10/2023 20:30	3.4	313	9	4.8	0.0	29.2	65
12/10/2023 20:40	4.2	302	11	5.9	0.0	29.0	66
12/10/2023 20:50	4.2	285	12	5.8	0.0	28.8	66
12/10/2023 21:00	3.9	289	27	5.9	0.0	28.6	67
12/10/2023 21:10	4.0	280	17	5.1	0.0	28.4	67
12/10/2023 21:20	3.8	280	19	5.1	0.0	28.5	67
12/10/2023 21:30	4.0	273	8	5.0	0.0	28.3	67
12/10/2023 21:40	3.8	288	6	5.2	0.0	27.9	67
12/10/2023 21:50	4.0	279	8	5.4	0.0	27.9	67
12/10/2023 22:00	4.5	278	6	5.6	0.0	27.7	66
12/10/2023 22:10	5.0	277	7	6.1	0.0	27.6	65
12/10/2023 22:20	4.6	273	7	6.0	0.0	27.4	64
12/10/2023 22:30	5.1	265	7	6.5	0.0	27.3	64
12/10/2023 22:40	4.8	270	8	6.4	0.0	27.3	64
12/10/2023 22:50	4.7	272	7	6.4	0.0	27.1	64
12/10/2023 23:00	4.9	275	6	6.4	0.0	27.1	65
12/10/2023 23:10	4.8	274	6	6.0	0.0	27.1	65
12/10/2023 23:20	5.2	274	6	6.6	0.0	27.0	65
12/10/2023 23:30	5.3	272	5	6.5	0.0	27.1	65
12/10/2023 23:40	4.9	273	5	6.1	0.0	27.1	66
12/10/2023 23:50	5.0	268	6	6.6	0.0	27.1	66
13/10/2023 00:00	5.7	266	5	7.3	0.0	27.2	66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/10/2023 00:10	5.3	265	4	6.3	0.0	27.2	66
13/10/2023 00:20	4.3	264	5	6.2	0.0	27.1	66
13/10/2023 00:30	4.6	267	5	6.0	0.0	27.0	66
13/10/2023 00:40	4.1	277	5	5.1	0.0	26.9	66
13/10/2023 00:50	4.7	272	5	6.3	0.0	26.9	66
13/10/2023 01:00	5.0	266	5	6.3	0.0	26.9	66
13/10/2023 01:10	4.5	265	6	5.8	0.0	26.8	66
13/10/2023 01:20	4.1	267	5	5.1	0.0	26.7	66
13/10/2023 01:30	4.0	266	5	4.9	0.0	26.5	65
13/10/2023 01:40	3.9	264	4	4.5	0.0	26.4	65
13/10/2023 01:50	3.6	265	3	4.3	0.0	26.1	65
13/10/2023 02:00	3.9	264	3	4.3	0.0	25.8	65
13/10/2023 02:10	4.5	259	5	5.7	0.0	25.8	65
13/10/2023 02:20	3.6	268	4	4.2	0.0	25.6	66
13/10/2023 02:30	3.9	268	3	4.6	0.0	25.5	66
13/10/2023 02:40	3.6	268	3	4.1	0.0	25.6	66
13/10/2023 02:50	2.6	271	3	3.2	0.0	25.5	66
13/10/2023 03:00	1.6	280	7	2.4	0.0	25.4	67
13/10/2023 03:10	2.4	276	3	2.9	0.0	25.7	66
13/10/2023 03:20	1.9	273	4	2.4	0.0	25.8	66
13/10/2023 03:30	2.1	281	6	2.8	0.0	25.6	66
13/10/2023 03:40	0.7	265	19	1.3	0.0	25.5	66
13/10/2023 03:50	0.7	288	33	1.2	0.0	25.4	67
13/10/2023 04:00	0.7	243	33	1.4	0.0	25.7	66
13/10/2023 04:10	1.5	268	16	2.4	0.0	25.5	67
13/10/2023 04:20	2.5	272	5	3.3	0.0	25.1	67
13/10/2023 04:30	2.5	268	2	3.0	0.0	25.0	67
13/10/2023 04:40	1.9	267	10	2.4	0.0	24.9	68
13/10/2023 04:50	2.3	276	5	3.1	0.0	25.0	68
13/10/2023 05:00	0.8	220	37	1.9	0.0	25.1	68
13/10/2023 05:10	0.6	215	44	1.3	0.0	25.1	68
13/10/2023 05:20	1.2	276	18	2.0	0.0	25.1	67
13/10/2023 05:30	2.2	279	6	2.8	0.0	25.1	67
13/10/2023 05:40	2.5	276	4	2.9	0.0	25.5	67
13/10/2023 05:50	1.6	214	24	2.3	0.0	25.5	67
13/10/2023 06:00	1.7	95	22	2.8	0.0	24.4	68
13/10/2023 06:10	1.2	69	40	1.9	0.0	23.5	68
13/10/2023 06:20	1.6	104	36	2.8	0.0	23.9	68
13/10/2023 06:30	2.1	93	15	3.3	0.0	24.9	64
13/10/2023 06:40	2.3	102	13	3.7	0.0	26.3	54
13/10/2023 06:50	2.9	99	10	4.1	0.0	27.2	52
13/10/2023 07:00	3.1	98	12	4.7	0.0	27.7	48
13/10/2023 07:10	3.4	102	10	5.0	0.0	28.7	40
13/10/2023 07:20	3.3	102	11	5.2	0.0	29.1	40
13/10/2023 07:30	3.0	105	13	4.5	0.0	29.5	41
13/10/2023 07:40	3.4	105	12	5.3	0.0	29.8	39
13/10/2023 07:50	3.3	106	11	5.2	0.0	30.1	37
13/10/2023 08:00	3.7	105	12	5.9	0.0	30.1	37



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/10/2023 08:10	3.8	110	12	5.8	0.0	30.5	38
13/10/2023 08:20	3.7	107	11	5.5	0.0	30.9	38
13/10/2023 08:30	4.2	105	11	6.0	0.0	31.7	33
13/10/2023 08:40	5.8	105	11	8.6	0.0	32.9	27
13/10/2023 08:50	5.8	100	11	8.7	0.0	33.5	24
13/10/2023 09:00	6.3	99	11	9.3	0.0	33.8	24
13/10/2023 09:10	6.9	93	10	10.6	0.0	34.1	23
13/10/2023 09:20	6.9	94	8	10.2	0.0	34.1	25
13/10/2023 09:30	7.1	91	8	9.8	0.0	34.2	24
13/10/2023 09:40	6.1	90	8	9.1	0.0	34.4	23
13/10/2023 09:50	6.1	87	9	8.6	0.0	34.8	23
13/10/2023 10:00	6.5	87	9	9.6	0.0	34.8	23
13/10/2023 10:10	6.5	90	9	9.2	0.0	34.7	23
13/10/2023 10:20	5.7	90	10	8.0	0.0	35.0	23
13/10/2023 10:30	5.8	89	9	8.7	0.0	34.9	23
13/10/2023 10:40	6.4	86	9	8.7	0.0	35.1	22
13/10/2023 10:50	6.8	74	8	9.6	0.0	34.8	22
13/10/2023 11:00	7.2	78	8	9.4	0.0	34.4	23
13/10/2023 11:10	8.0	77	8	10.1	0.0	34.3	21
13/10/2023 11:20	7.2	81	7	9.5	0.0	34.9	19
13/10/2023 11:30	6.4	84	11	9.3	0.0	35.2	20
13/10/2023 11:40	6.7	78	9	8.8	0.0	35.2	19
13/10/2023 11:50	6.5	81	9	9.0	0.0	35.5	19
13/10/2023 12:00	7.0	79	10	9.7	0.0	35.9	18
13/10/2023 12:10	6.7	78	9	9.2	0.0	36.3	17
13/10/2023 12:20	7.0	78	8	9.8	0.0	36.2	16
13/10/2023 12:30	6.1	73	12	9.7	0.0	36.5	16
13/10/2023 12:40	6.5	58	7	8.5	0.0	35.4	19
13/10/2023 12:50	6.2	65	9	8.4	0.0	35.3	19
13/10/2023 13:00	7.1	60	8	9.1	0.0	35.5	19
13/10/2023 13:10	7.6	57	8	9.5	0.0	35.8	17
13/10/2023 13:20	7.8	60	7	9.8	0.0	35.8	17
13/10/2023 13:30	7.7	58	9	9.8	0.0	35.9	17
13/10/2023 13:40	7.6	58	7	10.1	0.0	36.1	17
13/10/2023 13:50	8.3	58	6	11.3	0.0	35.8	17
13/10/2023 14:00	8.1	58	7	10.1	0.0	35.7	17
13/10/2023 14:10	7.3	58	8	10.1	0.0	36.2	17
13/10/2023 14:20	8.2	60	6	10.6	0.0	36.0	18
13/10/2023 14:30	7.3	59	7	9.6	0.0	36.0	18
13/10/2023 14:40	6.9	61	8	9.0	0.0	36.2	18
13/10/2023 14:50	6.5	65	8	9.0	0.0	36.7	17
13/10/2023 15:00	6.5	63	8	8.6	0.0	36.7	16
13/10/2023 15:10	6.2	66	8	8.2	0.0	37.2	16
13/10/2023 15:20	5.6	57	10	7.8	0.0	37.7	14
13/10/2023 15:30	4.8	49	14	6.9	0.0	38.0	14
13/10/2023 15:40	4.8	14	15	7.7	0.0	37.5	19
13/10/2023 15:50	5.4	9	8	7.3	0.0	36.8	19
13/10/2023 16:00	5.1	17	11	7.0	0.0	37.0	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/10/2023 16:10	4.7	14	9	6.2	0.0	36.7	22
13/10/2023 16:20	4.7	17	9	5.9	0.0	36.2	24
13/10/2023 16:30	4.6	16	10	6.0	0.0	35.6	27
13/10/2023 16:40	4.8	19	8	6.2	0.0	35.1	28
13/10/2023 16:50	4.6	18	8	5.9	0.0	35.0	28
13/10/2023 17:00	4.8	9	8	6.4	0.0	34.3	32
13/10/2023 17:10	4.3	5	9	5.8	0.0	33.9	33
13/10/2023 17:20	4.1	11	8	5.5	0.0	33.9	32
13/10/2023 17:30	3.0	184	12	4.3	0.0	34.0	31
13/10/2023 17:40	2.8	344	11	4.0	0.0	33.1	37
13/10/2023 17:50	1.9	338	22	3.1	0.0	32.3	41
13/10/2023 18:00	1.8	356	19	3.5	0.0	31.8	42
13/10/2023 18:10	2.7	2	12	4.4	0.0	31.4	42
13/10/2023 18:20	2.4	354	19	4.2	0.0	31.2	42
13/10/2023 18:30	1.6	17	26	3.4	0.0	31.1	40
13/10/2023 18:40	1.8	12	14	2.7	0.0	30.8	44
13/10/2023 18:50	2.0	9	9	2.8	0.0	30.5	45
13/10/2023 19:00	1.2	360	24	1.9	0.0	30.3	47
13/10/2023 19:10	1.6	163	18	2.7	0.0	30.0	49
13/10/2023 19:20	2.3	8	12	3.2	0.0	30.1	47
13/10/2023 19:30	1.8	5	11	2.7	0.0	30.0	47
13/10/2023 19:40	1.7	349	18	3.2	0.0	29.6	50
13/10/2023 19:50	3.6	352	11	5.0	0.0	29.6	47
13/10/2023 20:00	4.4	342	9	6.3	0.0	29.6	48
13/10/2023 20:10	4.6	340	7	6.5	0.0	29.6	47
13/10/2023 20:20	4.1	340	8	5.5	0.0	29.7	47
13/10/2023 20:30	3.2	352	16	5.4	0.0	29.4	47
13/10/2023 20:40	3.3	342	17	5.1	0.0	29.4	48
13/10/2023 20:50	1.5	320	63	3.5	0.0	29.2	50
13/10/2023 21:00	1.2	284	35	2.6	0.0	28.8	52
13/10/2023 21:10	1.6	281	50	3.2	0.0	28.4	56
13/10/2023 21:20	1.7	233	27	2.5	0.0	28.4	58
13/10/2023 21:30	1.6	245	26	2.4	0.0	28.2	58
13/10/2023 21:40	1.7	233	15	2.7	0.0	28.3	58
13/10/2023 21:50	1.2	272	19	1.8	0.0	28.0	59
13/10/2023 22:00	1.7	213	10	2.3	0.0	27.5	62
13/10/2023 22:10	1.6	300	20	2.2	0.0	27.4	63
13/10/2023 22:20	2.1	257	6	2.6	0.0	27.2	65
13/10/2023 22:30	1.8	239	19	2.2	0.0	26.9	65
13/10/2023 22:40	2.4	268	5	2.7	0.0	26.8	66
13/10/2023 22:50	1.8	275	9	2.3	0.0	26.7	66
13/10/2023 23:00	3.0	274	4	3.7	0.0	26.8	63
13/10/2023 23:10	2.4	274	5	2.9	0.0	27.1	61
13/10/2023 23:20	2.6	278	5	2.9	0.0	26.9	62
13/10/2023 23:30	1.9	256	13	2.3	0.0	27.0	60
13/10/2023 23:40	2.0	257	18	3.2	0.0	26.6	63
13/10/2023 23:50	3.8	260	7	5.5	0.0	26.5	64
14/10/2023 00:00	4.4	257	8	5.7	0.0	26.3	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/10/2023 00:10	4.2	268	7	5.3	0.0	26.2	68
14/10/2023 00:20	4.3	255	8	6.1	0.0	26.2	69
14/10/2023 00:30	3.7	265	7	5.2	0.0	25.9	69
14/10/2023 00:40	3.9	260	7	5.1	0.0	26.0	67
14/10/2023 00:50	3.8	262	6	5.3	0.0	26.3	64
14/10/2023 01:00	4.1	261	8	5.7	0.0	26.7	61
14/10/2023 01:10	4.2	263	9	5.2	0.0	27.1	56
14/10/2023 01:20	4.0	260	8	5.4	0.0	27.1	55
14/10/2023 01:30	3.3	247	15	5.7	0.0	27.4	50
14/10/2023 01:40	3.8	264	11	5.4	0.0	27.4	48
14/10/2023 01:50	2.5	233	25	5.1	0.0	27.6	47
14/10/2023 02:00	1.9	246	21	3.4	0.0	27.2	46
14/10/2023 02:10	2.5	269	13	3.8	0.0	26.7	46
14/10/2023 02:20	2.2	230	22	4.1	0.0	27.2	43
14/10/2023 02:30	3.1	231	16	5.1	0.0	27.9	41
14/10/2023 02:40	3.8	222	17	6.1	0.0	28.4	38
14/10/2023 02:50	2.4	243	31	4.4	0.0	28.1	38
14/10/2023 03:00	1.2	259	38	2.4	0.0	27.5	39
14/10/2023 03:10	1.1	313	38	2.3	0.0	27.7	38
14/10/2023 03:20	0.9	275	34	1.9	0.0	27.5	38
14/10/2023 03:30	1.4	236	33	2.7	0.0	28.3	36
14/10/2023 03:40	1.0	305	49	1.8	0.0	28.4	35
14/10/2023 03:50	1.3	188	41	2.4	0.0	28.6	33
14/10/2023 04:00	1.0	211	51	1.8	0.0	28.4	34
14/10/2023 04:10	0.9	65	39	1.4	0.0	27.6	35
14/10/2023 04:20	1.8	198	24	3.2	0.0	27.6	36
14/10/2023 04:30	1.9	182	38	3.2	0.0	27.5	36
14/10/2023 04:40	2.1	163	46	4.3	0.0	27.5	35
14/10/2023 04:50	3.3	173	24	5.6	0.0	27.8	34
14/10/2023 05:00	4.1	180	13	6.2	0.0	28.0	33
14/10/2023 05:10	4.1	176	15	6.5	0.0	28.5	32
14/10/2023 05:20	4.0	179	12	6.3	0.0	28.4	32
14/10/2023 05:30	4.4	175	12	6.3	0.0	28.0	33
14/10/2023 05:40	4.3	175	11	6.4	0.0	28.0	32
14/10/2023 05:50	3.9	176	11	6.4	0.0	28.3	31
14/10/2023 06:00	3.7	178	13	6.0	0.0	28.3	30
14/10/2023 06:10	3.9	176	14	6.0	0.0	28.6	30
14/10/2023 06:20	4.5	177	11	7.2	0.0	28.8	28
14/10/2023 06:30	3.6	171	18	5.9	0.0	28.9	27
14/10/2023 06:40	2.3	125	20	4.1	0.0	29.8	24
14/10/2023 06:50	2.4	97	13	3.4	0.0	29.5	25
14/10/2023 07:00	3.2	92	8	4.5	0.0	28.7	28
14/10/2023 07:10	2.9	101	13	4.4	0.0	29.6	25
14/10/2023 07:20	3.6	100	11	5.6	0.0	30.1	24
14/10/2023 07:30	3.3	104	12	4.9	0.0	30.4	25
14/10/2023 07:40	3.7	106	12	5.5	0.0	30.4	28
14/10/2023 07:50	3.7	107	12	5.5	0.0	30.4	31
14/10/2023 08:00	3.5	107	11	5.3	0.0	30.2	37



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/10/2023 08:10	3.1	106	14	4.7	0.0	30.6	34
14/10/2023 08:20	3.5	105	11	4.7	0.0	30.9	29
14/10/2023 08:30	3.5	108	10	5.0	0.0	31.2	28
14/10/2023 08:40	3.8	108	9	5.1	0.0	31.2	28
14/10/2023 08:50	3.6	109	11	5.2	0.0	31.6	29
14/10/2023 09:00	3.9	106	12	5.8	0.0	31.8	30
14/10/2023 09:10	4.6	103	12	7.0	0.0	32.7	29
14/10/2023 09:20	5.0	97	9	7.6	0.0	33.9	26
14/10/2023 09:30	6.5	94	7	8.7	0.0	34.2	24
14/10/2023 09:40	6.3	93	7	8.4	0.0	34.5	21
14/10/2023 09:50	5.9	90	8	8.8	0.0	35.0	19
14/10/2023 10:00	6.0	89	9	8.0	0.0	35.1	18
14/10/2023 10:10	5.9	82	9	8.0	0.0	35.1	19
14/10/2023 10:20	5.5	88	10	7.4	0.0	35.2	19
14/10/2023 10:30	5.9	80	8	7.5	0.0	35.4	18
14/10/2023 10:40	6.5	74	6	8.1	0.0	35.4	16
14/10/2023 10:50	5.8	77	8	7.9	0.0	35.7	16
14/10/2023 11:00	5.8	79	8	8.0	0.0	36.0	15
14/10/2023 11:10	5.4	68	11	7.7	0.0	36.4	17
14/10/2023 11:20	6.4	54	7	7.9	0.0	35.3	19
14/10/2023 11:30	6.0	60	8	7.5	0.0	35.1	18
14/10/2023 11:40	6.7	58	7	8.4	0.0	34.9	18
14/10/2023 11:50	6.6	65	8	8.9	0.0	34.5	20
14/10/2023 12:00	6.8	62	10	9.2	0.0	34.2	22
14/10/2023 12:10	6.6	66	8	8.5	0.0	34.3	20
14/10/2023 12:20	6.6	64	9	8.8	0.0	34.6	18
14/10/2023 12:30	6.7	66	8	8.9	0.0	34.3	19
14/10/2023 12:40	6.6	64	8	8.5	0.0	34.2	21
14/10/2023 12:50	6.3	63	8	8.3	0.0	34.2	22
14/10/2023 13:00	6.5	65	8	8.9	0.0	34.1	22
14/10/2023 13:10	6.4	64	9	9.1	0.0	34.3	23
14/10/2023 13:20	6.8	62	9	9.4	0.0	34.4	24
14/10/2023 13:30	7.1	62	9	9.4	0.0	34.8	24
14/10/2023 13:40	7.1	65	9	11.9	0.0	34.8	24
14/10/2023 13:50	8.5	63	8	11.5	0.0	34.6	25
14/10/2023 14:00	8.2	63	8	11.2	0.0	34.5	26
14/10/2023 14:10	7.6	61	7	11.0	0.0	34.6	27
14/10/2023 14:20	7.6	57	8	10.1	0.0	34.8	26
14/10/2023 14:30	7.4	58	9	10.4	0.0	35.2	25
14/10/2023 14:40	8.0	56	7	11.1	0.0	34.9	25
14/10/2023 14:50	7.6	59	7	10.6	0.0	34.6	24
14/10/2023 15:00	8.2	58	7	10.6	0.0	34.6	23
14/10/2023 15:10	7.1	63	9	9.8	0.0	35.1	24
14/10/2023 15:20	7.3	60	8	10.4	0.0	35.1	25
14/10/2023 15:30	7.5	57	6	10.6	0.0	35.1	25
14/10/2023 15:40	7.7	59	8	10.8	0.0	35.1	25
14/10/2023 15:50	7.1	58	8	9.3	0.0	35.3	24
14/10/2023 16:00	6.4	61	8	9.3	0.0	35.3	24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/10/2023 16:10	7.0	64	8	9.5	0.0	35.9	21
14/10/2023 16:20	6.2	64	8	8.5	0.0	36.0	20
14/10/2023 16:30	6.3	63	8	9.7	0.0	36.0	20
14/10/2023 16:40	7.0	63	8	11.1	0.0	36.0	20
14/10/2023 16:50	6.1	62	8	8.7	0.0	36.1	20
14/10/2023 17:00	5.7	55	11	8.9	0.0	36.5	20
14/10/2023 17:10	5.6	50	9	8.1	0.0	36.3	21
14/10/2023 17:20	5.3	47	8	7.7	0.0	35.8	21
14/10/2023 17:30	4.8	41	9	7.2	0.0	35.4	22
14/10/2023 17:40	5.0	35	8	7.6	0.0	35.1	23
14/10/2023 17:50	5.5	36	9	7.8	0.0	34.5	23
14/10/2023 18:00	5.9	39	8	8.7	0.0	34.2	23
14/10/2023 18:10	6.0	43	8	8.8	0.0	33.9	24
14/10/2023 18:20	5.2	45	8	7.3	0.0	33.5	24
14/10/2023 18:30	4.9	43	9	6.7	0.0	33.3	25
14/10/2023 18:40	4.5	43	8	7.1	0.0	33.1	25
14/10/2023 18:50	4.8	39	9	6.9	0.0	33.0	26
14/10/2023 19:00	4.7	39	8	6.4	0.0	32.7	27
14/10/2023 19:10	4.7	39	8	6.3	0.0	32.6	28
14/10/2023 19:20	4.6	42	8	6.5	0.0	32.4	29
14/10/2023 19:30	4.1	47	8	6.2	0.0	32.2	30
14/10/2023 19:40	4.2	47	7	5.5	0.0	32.2	30
14/10/2023 19:50	3.3	46	10	5.7	0.0	32.0	31
14/10/2023 20:00	2.6	37	10	4.1	0.0	31.7	33
14/10/2023 20:10	2.1	40	11	3.0	0.0	31.3	36
14/10/2023 20:20	1.2	52	15	2.6	0.0	31.0	37
14/10/2023 20:30	1.7	46	11	2.9	0.0	31.0	33
14/10/2023 20:40	1.5	55	12	2.5	0.0	31.0	34
14/10/2023 20:50	2.5	63	12	3.5	0.0	31.2	35
14/10/2023 21:00	2.3	51	10	3.4	0.0	30.9	37
14/10/2023 21:10	3.0	52	8	3.9	0.0	30.7	37
14/10/2023 21:20	3.1	69	10	4.3	0.0	30.6	38
14/10/2023 21:30	3.0	75	8	4.0	0.0	30.5	40
14/10/2023 21:40	2.1	64	10	3.2	0.0	30.4	41
14/10/2023 21:50	0.8	95	28	1.4	0.0	30.0	43
14/10/2023 22:00	0.8	269	51	1.6	0.0	30.0	42
14/10/2023 22:10	1.1	285	18	1.7	0.0	30.0	43
14/10/2023 22:20	1.4	304	9	1.7	0.0	29.8	44
14/10/2023 22:30	0.9	180	21	1.4	0.0	29.4	45
14/10/2023 22:40	1.1	57	11	1.5	0.0	28.8	51
14/10/2023 22:50	0.7	81	12	1.0	0.0	28.3	60
14/10/2023 23:00	0.7	61	22	1.1	0.0	28.2	62
14/10/2023 23:10	0.8	70	13	1.1	0.0	28.1	65
14/10/2023 23:20	0.9	68	15	1.2	0.0	27.8	66
14/10/2023 23:30	1.0	54	7	1.3	0.0	27.6	67
14/10/2023 23:40	1.4	84	14	2.0	0.0	27.6	68
14/10/2023 23:50	1.3	64	13	1.8	0.0	27.5	68
15/10/2023 00:00	1.5	69	9	2.0	0.0	27.4	68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/10/2023 00:10	1.6	61	10	2.0	0.0	27.2	69
15/10/2023 00:20	1.6	58	8	2.0	0.0	27.1	69
15/10/2023 00:30	1.3	64	10	1.8	0.0	27.0	69
15/10/2023 00:40	1.4	65	9	1.8	0.0	26.9	69
15/10/2023 00:50	1.3	51	8	1.7	0.0	27.1	68
15/10/2023 01:00	1.3	79	11	1.7	0.0	27.2	68
15/10/2023 01:10	0.8	135	63	1.5	0.0	26.9	67
15/10/2023 01:20	0.8	278	55	1.5	0.0	26.8	65
15/10/2023 01:30	0.5	319	44	1.0	0.0	27.1	63
15/10/2023 01:40	0.7	224	20	1.4	0.0	27.1	61
15/10/2023 01:50	1.1	285	10	1.5	0.0	27.4	58
15/10/2023 02:00	1.4	292	8	1.7	0.0	27.0	57
15/10/2023 02:10	0.8	314	28	1.4	0.0	26.9	56
15/10/2023 02:20	0.6	109	46	1.0	0.0	26.7	57
15/10/2023 02:30	1.3	39	16	1.8	0.0	26.8	58
15/10/2023 02:40	1.5	55	18	1.8	0.0	27.6	50
15/10/2023 02:50	1.9	65	8	2.5	0.0	27.0	52
15/10/2023 03:00	1.9	51	7	2.4	0.0	27.5	46
15/10/2023 03:10	2.1	50	8	2.5	0.0	28.0	43
15/10/2023 03:20	2.1	47	7	2.8	0.0	28.1	41
15/10/2023 03:30	2.1	45	8	2.8	0.0	27.9	41
15/10/2023 03:40	1.9	56	10	2.9	0.0	27.1	44
15/10/2023 03:50	2.4	68	7	3.0	0.0	27.6	42
15/10/2023 04:00	2.2	84	6	2.7	0.0	26.8	45
15/10/2023 04:10	1.6	49	16	2.4	0.0	27.0	46
15/10/2023 04:20	1.6	45	10	2.1	0.0	27.6	44
15/10/2023 04:30	1.7	57	9	2.2	0.0	26.9	47
15/10/2023 04:40	1.6	50	8	2.0	0.0	26.9	48
15/10/2023 04:50	1.6	50	7	2.0	0.0	26.8	51
15/10/2023 05:00	1.4	48	11	1.9	0.0	26.8	52
15/10/2023 05:10	1.6	58	10	2.3	0.0	26.8	53
15/10/2023 05:20	1.4	77	15	2.3	0.0	26.5	54
15/10/2023 05:30	1.8	88	12	2.9	0.0	26.3	56
15/10/2023 05:40	3.4	98	11	5.9	0.0	26.6	53
15/10/2023 05:50	3.0	91	10	4.8	0.0	26.9	49
15/10/2023 06:00	2.5	83	10	3.3	0.0	27.0	45
15/10/2023 06:10	2.6	88	13	3.7	0.0	27.0	45
15/10/2023 06:20	2.8	90	8	3.7	0.0	27.0	46
15/10/2023 06:30	2.4	90	8	3.3	0.0	27.2	46
15/10/2023 06:40	2.6	93	9	3.6	0.0	27.6	46
15/10/2023 06:50	2.6	91	6	3.4	0.0	27.9	45
15/10/2023 07:00	2.6	90	6	3.4	0.0	28.5	43
15/10/2023 07:10	2.4	97	9	3.2	0.0	28.9	44
15/10/2023 07:20	2.6	103	11	4.1	0.0	29.4	44
15/10/2023 07:30	2.7	99	10	3.9	0.0	29.7	45
15/10/2023 07:40	2.6	102	11	3.6	0.0	30.1	46
15/10/2023 07:50	2.7	105	14	4.3	0.0	30.8	43
15/10/2023 08:00	2.6	108	13	4.1	0.0	31.1	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/10/2023 08:10	2.7	105	14	3.9	0.0	31.2	40
15/10/2023 08:20	2.7	107	13	4.3	0.0	31.7	38
15/10/2023 08:30	2.9	110	11	4.6	0.0	32.2	36
15/10/2023 08:40	2.8	109	13	4.7	0.0	32.7	33
15/10/2023 08:50	3.4	102	12	4.7	0.0	33.1	31
15/10/2023 09:00	3.4	103	11	5.0	0.0	33.7	29
15/10/2023 09:10	4.2	96	10	6.8	0.0	34.0	28
15/10/2023 09:20	4.6	94	10	6.6	0.0	34.1	29
15/10/2023 09:30	5.0	91	10	6.9	0.0	34.1	30
15/10/2023 09:40	6.1	79	8	7.6	0.0	34.3	29
15/10/2023 09:50	6.1	82	8	7.8	0.0	34.4	28
15/10/2023 10:00	5.9	84	10	8.4	0.0	35.1	25
15/10/2023 10:10	6.5	86	9	9.0	0.0	35.2	23
15/10/2023 10:20	6.2	85	9	8.8	0.0	35.4	24
15/10/2023 10:30	6.0	86	10	9.1	0.0	35.4	25
15/10/2023 10:40	6.4	83	8	9.2	0.0	35.1	25
15/10/2023 10:50	6.4	80	10	9.0	0.0	34.9	26
15/10/2023 11:00	7.1	78	9	9.9	0.0	34.7	25
15/10/2023 11:10	7.1	83	9	10.0	0.0	35.0	25
15/10/2023 11:20	6.8	80	10	9.8	0.0	35.2	23
15/10/2023 11:30	6.5	79	10	9.6	0.0	35.2	24
15/10/2023 11:40	6.5	79	12	9.5	0.0	35.5	23
15/10/2023 11:50	6.0	71	12	9.2	0.0	35.9	22
15/10/2023 12:00	6.1	54	9	8.1	0.0	35.4	27
15/10/2023 12:10	6.1	50	8	8.5	0.0	35.2	26
15/10/2023 12:20	6.1	55	7	8.5	0.0	35.5	25
15/10/2023 12:30	6.7	52	7	8.7	0.0	35.7	21
15/10/2023 12:40	6.6	55	6	8.4	0.0	36.5	17
15/10/2023 12:50	6.4	51	9	8.7	0.0	37.3	14
15/10/2023 13:00	5.5	50	12	7.5	0.0	38.3	13
15/10/2023 13:10	5.5	52	12	7.3	0.0	38.8	13
15/10/2023 13:20	5.0	59	14	7.8	0.0	38.9	14
15/10/2023 13:30	5.3	53	11	7.5	0.0	39.4	13
15/10/2023 13:40	5.8	53	12	8.1	0.0	39.3	13
15/10/2023 13:50	5.7	55	13	8.3	0.0	39.4	12
15/10/2023 14:00	4.5	44	19	7.6	0.0	39.6	19
15/10/2023 14:10	4.2	33	21	6.3	0.0	39.1	22
15/10/2023 14:20	4.3	19	17	6.7	0.0	39.0	25
15/10/2023 14:30	4.3	20	17	6.4	0.0	38.6	25
15/10/2023 14:40	4.1	26	18	6.4	0.0	39.1	22
15/10/2023 14:50	4.7	20	13	6.8	0.0	38.9	22
15/10/2023 15:00	5.4	15	9	7.0	0.0	38.2	27
15/10/2023 15:10	4.9	31	11	7.1	0.0	38.4	25
15/10/2023 15:20	5.1	20	12	6.9	0.0	37.8	30
15/10/2023 15:30	5.6	17	8	7.1	0.0	36.9	33
15/10/2023 15:40	6.5	17	6	8.2	0.0	36.4	30
15/10/2023 15:50	6.5	15	6	8.3	0.0	36.3	31
15/10/2023 16:00	6.2	15	8	7.9	0.0	35.9	33



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/10/2023 16:10	6.2	13	8	8.3	0.0	35.4	36
15/10/2023 16:20	6.1	5	8	8.0	0.0	34.9	39
15/10/2023 16:30	5.9	357	8	8.1	0.0	34.0	45
15/10/2023 16:40	6.5	351	7	8.6	0.0	33.6	45
15/10/2023 16:50	7.0	350	6	8.3	0.0	32.9	48
15/10/2023 17:00	7.7	356	6	10.1	0.0	32.8	48
15/10/2023 17:10	7.6	355	7	9.5	0.0	32.9	45
15/10/2023 17:20	9.3	356	5	11.7	0.0	32.4	43
15/10/2023 17:30	9.4	355	5	11.7	0.0	32.0	42
15/10/2023 17:40	7.0	353	8	9.6	0.0	32.0	48
15/10/2023 17:50	6.5	346	7	9.0	0.0	31.2	57
15/10/2023 18:00	7.4	350	6	9.4	0.0	30.5	59
15/10/2023 18:10	7.2	348	7	9.6	0.0	30.3	62
15/10/2023 18:20	6.8	348	7	8.6	0.0	30.1	62
15/10/2023 18:30	6.8	349	7	8.6	0.0	29.7	66
15/10/2023 18:40	5.5	341	9	7.4	0.0	29.4	67
15/10/2023 18:50	3.7	325	18	6.1	0.0	29.1	69
15/10/2023 19:00	1.8	274	57	3.9	0.0	29.0	69
15/10/2023 19:10	2.3	285	25	4.0	0.0	28.8	69
15/10/2023 19:20	2.5	305	35	4.5	0.0	28.7	69
15/10/2023 19:30	2.4	301	26	4.9	0.0	28.6	68
15/10/2023 19:40	3.1	270	17	4.6	0.0	28.7	68
15/10/2023 19:50	2.0	265	22	3.1	0.0	28.7	69
15/10/2023 20:00	3.0	278	10	4.1	0.0	28.5	68
15/10/2023 20:10	3.1	270	11	4.7	0.0	28.6	68
15/10/2023 20:20	2.3	264	11	3.6	0.0	28.4	69
15/10/2023 20:30	2.7	276	9	3.8	0.0	28.3	69
15/10/2023 20:40	3.0	269	13	4.6	0.0	28.4	69
15/10/2023 20:50	2.6	249	11	3.9	0.0	28.3	69
15/10/2023 21:00	2.8	246	7	4.0	0.0	28.2	70
15/10/2023 21:10	3.2	260	9	4.2	0.0	28.1	70
15/10/2023 21:20	2.6	258	10	3.7	0.0	28.0	70
15/10/2023 21:30	2.8	258	6	4.1	0.0	28.0	70
15/10/2023 21:40	1.9	254	8	3.0	0.0	27.8	71
15/10/2023 21:50	2.9	253	5	3.7	0.0	27.6	70
15/10/2023 22:00	2.8	255	5	3.5	0.0	27.5	70
15/10/2023 22:10	3.2	258	5	4.3	0.0	27.4	70
15/10/2023 22:20	2.7	263	6	3.6	0.0	27.2	70
15/10/2023 22:30	2.8	277	5	3.4	0.0	27.3	70
15/10/2023 22:40	3.0	274	5	3.6	0.0	27.3	70
15/10/2023 22:50	2.7	269	10	3.3	0.0	27.2	70
15/10/2023 23:00	2.6	259	12	3.5	0.0	27.3	70
15/10/2023 23:10	2.4	266	7	3.1	0.0	27.0	70
15/10/2023 23:20	2.2	263	11	3.4	0.0	27.1	70
15/10/2023 23:30	2.5	267	5	3.0	0.0	27.0	70
15/10/2023 23:40	2.4	283	7	2.8	0.0	27.0	70
15/10/2023 23:50	2.3	274	5	2.8	0.0	27.1	70
16/10/2023 00:00	2.4	270	8	3.2	0.0	26.8	70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/10/2023 00:10	2.1	261	11	2.9	0.0	26.7	70
16/10/2023 00:20	2.3	263	8	3.1	0.0	26.7	70
16/10/2023 00:30	2.3	252	11	3.5	0.0	26.7	70
16/10/2023 00:40	3.3	252	9	4.5	0.0	26.9	70
16/10/2023 00:50	3.3	252	10	4.6	0.0	27.1	69
16/10/2023 01:00	2.8	257	11	3.9	0.0	27.0	70
16/10/2023 01:10	2.7	267	7	3.5	0.0	26.7	70
16/10/2023 01:20	3.0	265	6	3.7	0.0	26.6	70
16/10/2023 01:30	2.5	271	5	3.1	0.0	26.3	70
16/10/2023 01:40	3.0	268	6	3.6	0.0	26.3	70
16/10/2023 01:50	2.8	264	7	3.7	0.0	26.5	69
16/10/2023 02:00	2.9	264	7	3.7	0.0	26.7	67
16/10/2023 02:10	2.8	257	9	3.5	0.0	26.6	67
16/10/2023 02:20	3.2	267	8	4.8	0.0	26.7	66
16/10/2023 02:30	3.4	268	6	4.3	0.0	26.8	65
16/10/2023 02:40	1.0	253	34	2.5	0.0	26.6	64
16/10/2023 02:50	2.1	222	12	3.1	0.0	27.5	57
16/10/2023 03:00	1.7	233	20	2.8	0.0	28.0	55
16/10/2023 03:10	1.5	198	28	2.4	0.0	27.8	54
16/10/2023 03:20	1.9	199	10	2.6	0.0	27.9	52
16/10/2023 03:30	2.0	185	17	2.8	0.0	28.3	49
16/10/2023 03:40	1.3	153	35	3.1	0.0	28.4	48
16/10/2023 03:50	3.5	177	17	6.2	0.0	28.2	49
16/10/2023 04:00	3.1	174	15	4.5	0.0	27.7	49
16/10/2023 04:10	2.2	177	29	4.3	0.0	28.6	43
16/10/2023 04:20	2.7	186	18	4.7	0.0	28.5	41
16/10/2023 04:30	3.0	173	16	4.6	0.0	29.0	40
16/10/2023 04:40	2.6	180	17	4.5	0.0	28.8	38
16/10/2023 04:50	3.0	187	12	4.9	0.0	28.7	37
16/10/2023 05:00	3.6	178	13	5.1	0.0	29.1	37
16/10/2023 05:10	2.8	175	15	4.6	0.0	29.1	38
16/10/2023 05:20	3.0	176	14	5.1	0.0	29.0	38
16/10/2023 05:30	3.0	180	13	4.6	0.0	28.6	37
16/10/2023 05:40	3.5	174	12	5.2	0.0	29.2	36
16/10/2023 05:50	2.9	175	15	4.6	0.0	29.7	36
16/10/2023 06:00	2.8	148	18	4.9	0.0	30.4	31
16/10/2023 06:10	3.4	136	17	5.6	0.0	32.1	22
16/10/2023 06:20	3.7	137	16	6.1	0.0	32.4	21
16/10/2023 06:30	3.3	138	18	5.2	0.0	32.4	21
16/10/2023 06:40	3.0	135	14	5.7	0.0	32.3	22
16/10/2023 06:50	3.1	128	18	5.6	0.0	32.1	22
16/10/2023 07:00	2.9	115	21	4.9	0.0	31.8	23
16/10/2023 07:10	3.8	102	12	6.1	0.0	30.9	27
16/10/2023 07:20	3.8	104	13	5.8	0.0	30.5	29
16/10/2023 07:30	3.5	107	12	5.5	0.0	30.8	30
16/10/2023 07:40	2.9	106	11	4.5	0.0	30.6	37
16/10/2023 07:50	3.1	105	13	4.6	0.0	30.9	38
16/10/2023 08:00	3.2	105	13	5.2	0.0	31.3	34



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/10/2023 08:10	3.3	104	12	4.8	0.0	31.8	32
16/10/2023 08:20	3.7	108	13	5.8	0.0	32.2	30
16/10/2023 08:30	4.2	104	12	5.9	0.0	33.0	28
16/10/2023 08:40	4.9	101	12	7.8	0.0	33.7	25
16/10/2023 08:50	5.4	99	12	7.9	0.0	34.4	21
16/10/2023 09:00	5.5	99	10	8.7	0.0	34.7	22
16/10/2023 09:10	5.9	94	11	8.7	0.0	34.9	22
16/10/2023 09:20	7.0	91	10	9.4	0.0	35.2	21
16/10/2023 09:30	7.2	92	10	10.6	0.0	35.3	21
16/10/2023 09:40	7.6	88	8	10.4	0.0	35.4	21
16/10/2023 09:50	7.2	87	10	10.2	0.0	35.3	22
16/10/2023 10:00	7.6	89	9	11.7	0.0	35.5	23
16/10/2023 10:10	8.1	89	8	10.8	0.0	35.5	22
16/10/2023 10:20	8.0	88	8	10.4	0.0	35.5	22
16/10/2023 10:30	7.5	90	10	10.7	0.0	35.9	22
16/10/2023 10:40	7.1	88	10	9.8	0.0	36.1	22
16/10/2023 10:50	7.5	87	9	10.2	0.0	36.0	23
16/10/2023 11:00	7.2	84	10	10.3	0.0	36.0	23
16/10/2023 11:10	7.3	78	10	9.5	0.0	35.9	23
16/10/2023 11:20	7.5	75	8	10.4	0.0	35.8	23
16/10/2023 11:30	7.5	77	8	10.7	0.0	35.8	23
16/10/2023 11:40	8.6	74	7	12.0	0.0	35.8	21
16/10/2023 11:50	8.2	75	8	10.7	0.0	35.8	21
16/10/2023 12:00	9.1	77	7	13.6	0.0	35.6	20
16/10/2023 12:10	8.8	78	7	11.2	0.0	35.3	23
16/10/2023 12:20	8.3	77	8	12.0	0.0	35.5	21
16/10/2023 12:30	8.2	81	9	11.4	0.0	35.6	21
16/10/2023 12:40	7.6	77	11	11.7	0.0	36.2	22
16/10/2023 12:50	7.5	66	9	10.9	0.0	36.1	22
16/10/2023 13:00	9.1	64	8	12.5	0.0	35.6	23
16/10/2023 13:10	8.9	65	8	12.6	0.0	35.6	24
16/10/2023 13:20	8.8	67	9	11.8	0.0	35.7	23
16/10/2023 13:30	9.0	65	9	12.1	0.0	35.8	24
16/10/2023 13:40	9.2	66	8	12.9	0.0	35.5	24
16/10/2023 13:50	9.7	67	9	12.9	0.0	35.5	24
16/10/2023 14:00	8.8	56	9	12.1	0.0	35.5	26
16/10/2023 14:10	8.7	61	9	12.1	0.0	35.3	26
16/10/2023 14:20	9.4	57	8	12.5	0.0	35.0	27
16/10/2023 14:30	10.7	59	7	13.6	0.0	34.7	25
16/10/2023 14:40	9.7	62	8	13.3	0.0	34.7	26
16/10/2023 14:50	10.1	59	6	14.1	0.0	34.7	26
16/10/2023 15:00	9.5	60	8	13.2	0.0	34.7	26
16/10/2023 15:10	10.0	58	8	15.0	0.0	34.8	25
16/10/2023 15:20	9.4	62	8	12.8	0.0	35.2	24
16/10/2023 15:30	8.8	62	9	12.2	0.0	35.6	24
16/10/2023 15:40	8.1	63	7	10.8	0.0	35.5	24
16/10/2023 15:50	7.5	62	8	10.7	0.0	36.5	20
16/10/2023 16:00	7.3	64	9	10.0	0.0	36.9	18



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/10/2023 16:10	7.6	62	8	10.8	0.0	36.8	18
16/10/2023 16:20	8.3	44	9	11.2	0.0	37.1	15
16/10/2023 16:30	7.9	47	9	11.7	0.0	37.3	13
16/10/2023 16:40	8.3	49	7	11.2	0.0	37.2	13
16/10/2023 16:50	8.0	50	9	11.6	0.0	36.9	13
16/10/2023 17:00	6.9	44	8	10.3	0.0	36.8	13
16/10/2023 17:10	6.2	40	9	9.8	0.0	37.0	13
16/10/2023 17:20	7.7	44	8	10.9	0.0	36.4	13
16/10/2023 17:30	6.9	43	8	9.6	0.0	36.1	14
16/10/2023 17:40	7.4	32	8	9.9	0.0	35.7	15
16/10/2023 17:50	6.6	36	9	9.9	0.0	35.4	16
16/10/2023 18:00	6.4	37	9	9.5	0.0	35.1	16
16/10/2023 18:10	6.7	28	9	9.5	0.0	34.7	16
16/10/2023 18:20	6.4	29	9	9.2	0.0	34.6	16
16/10/2023 18:30	6.5	31	8	9.3	0.0	34.5	17
16/10/2023 18:40	6.4	28	8	8.7	0.0	34.4	16
16/10/2023 18:50	6.9	23	8	9.6	0.0	34.4	16
16/10/2023 19:00	6.2	23	7	8.8	0.0	34.2	15
16/10/2023 19:10	6.4	22	8	9.0	0.0	34.1	15
16/10/2023 19:20	6.0	19	7	8.5	0.0	34.0	16
16/10/2023 19:30	6.5	18	7	9.3	0.0	33.9	16
16/10/2023 19:40	6.6	18	7	8.9	0.0	33.9	16
16/10/2023 19:50	6.1	16	7	8.0	0.0	33.8	16
16/10/2023 20:00	6.2	15	8	8.2	0.0	33.7	16
16/10/2023 20:10	6.4	7	7	9.4	0.0	33.4	18
16/10/2023 20:20	6.5	7	6	8.7	0.0	32.9	21
16/10/2023 20:30	6.4	7	6	7.9	0.0	32.8	22
16/10/2023 20:40	6.0	6	6	7.5	0.0	32.7	22
16/10/2023 20:50	6.1	5	5	7.7	0.0	32.8	21
16/10/2023 21:00	6.2	6	5	7.6	0.0	32.9	20
16/10/2023 21:10	6.0	8	6	7.9	0.0	32.9	20
16/10/2023 21:20	5.2	10	8	7.0	0.0	32.6	21
16/10/2023 21:30	3.0	31	28	4.9	0.0	32.5	20
16/10/2023 21:40	1.2	134	27	2.1	0.0	31.5	21
16/10/2023 21:50	1.1	105	51	2.1	0.0	31.4	20
16/10/2023 22:00	1.5	78	26	2.6	0.0	30.5	33
16/10/2023 22:10	0.8	79	63	1.7	0.0	29.3	51
16/10/2023 22:20	0.7	34	41	1.4	0.0	28.8	58
16/10/2023 22:30	1.2	338	18	1.7	0.0	28.4	58
16/10/2023 22:40	0.6	31	28	1.1	0.0	28.1	59
16/10/2023 22:50	1.1	210	57	2.2	0.0	28.2	54
16/10/2023 23:00	0.9	168	59	2.1	0.0	28.4	51
16/10/2023 23:10	1.5	171	18	2.3	0.0	28.4	48
16/10/2023 23:20	1.4	213	14	2.0	0.0	28.5	47
16/10/2023 23:30	1.3	260	9	1.6	0.0	27.8	48
16/10/2023 23:40	1.3	266	9	1.7	0.0	27.6	47
16/10/2023 23:50	0.9	231	21	1.5	0.0	27.7	45
17/10/2023 00:00	1.0	279	37	1.9	0.0	27.8	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/10/2023 00:10	1.0	18	44	1.7	0.0	28.2	41
17/10/2023 00:20	1.1	61	16	1.6	0.0	28.0	41
17/10/2023 00:30	0.7	72	18	1.2	0.0	27.8	40
17/10/2023 00:40	0.6	47	19	0.9	0.0	27.9	39
17/10/2023 00:50	1.1	186	30	1.6	0.0	27.8	39
17/10/2023 01:00	1.6	41	9	2.1	0.0	27.9	38
17/10/2023 01:10	1.6	59	9	2.1	0.0	27.7	36
17/10/2023 01:20	1.5	64	14	2.3	0.0	28.3	34
17/10/2023 01:30	1.8	60	13	2.5	0.0	28.5	35
17/10/2023 01:40	1.9	71	11	2.6	0.0	28.1	37
17/10/2023 01:50	1.8	94	13	2.3	0.0	28.0	36
17/10/2023 02:00	2.4	68	7	2.8	0.0	27.7	37
17/10/2023 02:10	2.5	62	4	3.0	0.0	27.4	37
17/10/2023 02:20	2.5	69	7	3.2	0.0	27.1	37
17/10/2023 02:30	2.0	66	8	2.8	0.0	26.7	38
17/10/2023 02:40	2.0	56	7	2.6	0.0	26.8	40
17/10/2023 02:50	2.0	52	7	2.6	0.0	26.6	41
17/10/2023 03:00	2.1	83	13	2.9	0.0	26.7	41
17/10/2023 03:10	1.8	63	13	2.6	0.0	26.8	41
17/10/2023 03:20	1.9	65	14	2.5	0.0	26.4	41
17/10/2023 03:30	2.3	64	9	3.2	0.0	26.9	37
17/10/2023 03:40	2.2	61	7	2.8	0.0	27.1	33
17/10/2023 03:50	2.0	55	7	2.6	0.0	27.0	29
17/10/2023 04:00	2.0	45	4	2.4	0.0	27.4	26
17/10/2023 04:10	2.0	46	7	2.4	0.0	27.4	26
17/10/2023 04:20	1.4	43	9	2.0	0.0	27.1	26
17/10/2023 04:30	1.8	44	6	2.4	0.0	27.8	25
17/10/2023 04:40	1.7	41	9	2.1	0.0	28.2	24
17/10/2023 04:50	1.3	105	31	2.2	0.0	28.2	24
17/10/2023 05:00	0.8	200	67	2.0	0.0	27.6	24
17/10/2023 05:10	0.9	160	65	2.0	0.0	28.2	22
17/10/2023 05:20	1.2	229	50	2.1	0.0	28.4	21
17/10/2023 05:30	1.7	267	58	2.9	0.0	28.4	21
17/10/2023 05:40	1.8	217	33	3.1	0.0	28.4	22
17/10/2023 05:50	1.0	259	38	2.1	0.0	28.3	22
17/10/2023 06:00	1.2	266	33	2.1	0.0	28.4	22
17/10/2023 06:10	1.3	241	24	2.4	0.0	28.7	21
17/10/2023 06:20	1.3	246	34	2.7	0.0	29.1	21
17/10/2023 06:30	1.3	270	34	2.4	0.0	29.4	20
17/10/2023 06:40	1.1	141	58	1.9	0.0	30.1	19
17/10/2023 06:50	1.1	169	64	2.3	0.0	30.4	19
17/10/2023 07:00	1.6	165	50	2.8	0.0	30.8	18
17/10/2023 07:10	1.9	82	44	3.4	0.0	31.1	17
17/10/2023 07:20	2.5	100	17	3.7	0.0	31.7	16
17/10/2023 07:30	2.7	91	10	3.9	0.0	30.9	17
17/10/2023 07:40	2.5	97	12	3.6	0.0	30.8	18
17/10/2023 07:50	2.6	102	15	3.9	0.0	31.2	18
17/10/2023 08:00	2.3	105	16	3.9	0.0	31.8	18



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/10/2023 08:10	2.6	100	15	4.0	0.0	32.1	18
17/10/2023 08:20	2.3	110	16	3.7	0.0	32.6	18
17/10/2023 08:30	2.7	105	16	4.1	0.0	32.9	18
17/10/2023 08:40	2.4	109	16	3.7	0.0	33.4	17
17/10/2023 08:50	2.5	117	19	4.1	0.0	34.1	15
17/10/2023 09:00	2.9	119	19	4.1	0.0	34.6	14
17/10/2023 09:10	2.8	111	14	4.5	0.0	34.7	13
17/10/2023 09:20	3.2	98	15	4.8	0.0	35.1	13
17/10/2023 09:30	4.9	93	8	6.6	0.0	35.2	13
17/10/2023 09:40	5.2	93	12	8.1	0.0	35.0	15
17/10/2023 09:50	5.6	94	9	8.4	0.0	34.4	18
17/10/2023 10:00	6.0	89	11	7.9	0.0	34.4	17
17/10/2023 10:10	5.9	76	11	8.1	0.0	34.5	17
17/10/2023 10:20	6.5	77	9	8.9	0.0	33.7	16
17/10/2023 10:30	6.6	82	10	9.1	0.0	33.8	16
17/10/2023 10:40	6.5	89	8	8.6	0.0	33.9	16
17/10/2023 10:50	5.9	95	10	8.6	0.0	33.9	18
17/10/2023 11:00	6.5	91	9	8.6	0.0	34.0	19
17/10/2023 11:10	6.5	91	9	9.3	0.0	34.0	20
17/10/2023 11:20	5.4	78	12	9.2	0.0	34.9	19
17/10/2023 11:30	6.5	78	11	8.8	0.0	35.1	19
17/10/2023 11:40	6.3	78	12	8.5	0.0	35.1	19
17/10/2023 11:50	7.0	61	8	9.6	0.0	35.0	19
17/10/2023 12:00	7.5	65	9	10.9	0.0	34.6	20
17/10/2023 12:10	7.3	62	10	11.0	0.0	34.6	21
17/10/2023 12:20	7.0	62	11	9.9	0.0	34.9	20
17/10/2023 12:30	8.8	60	7	11.5	0.0	34.7	20
17/10/2023 12:40	8.3	59	8	11.4	0.0	34.6	22
17/10/2023 12:50	8.1	58	9	11.0	0.0	35.0	22
17/10/2023 13:00	9.1	60	9	13.0	0.0	34.9	19
17/10/2023 13:10	9.4	60	9	12.9	0.0	34.8	17
17/10/2023 13:20	9.0	63	8	11.8	0.0	35.2	18
17/10/2023 13:30	8.7	62	9	12.1	0.0	35.4	18
17/10/2023 13:40	10.0	60	7	14.1	0.0	35.0	19
17/10/2023 13:50	9.8	61	7	12.9	0.0	35.0	19
17/10/2023 14:00	9.4	61	8	12.8	0.0	35.1	20
17/10/2023 14:10	9.1	62	9	12.2	0.0	35.4	20
17/10/2023 14:20	9.0	61	9	13.2	0.0	35.7	19
17/10/2023 14:30	9.3	61	8	12.4	0.0	35.5	20
17/10/2023 14:40	9.7	61	8	13.4	0.0	35.6	19
17/10/2023 14:50	9.4	60	9	13.0	0.0	36.1	18
17/10/2023 15:00	9.1	60	8	12.0	0.0	36.2	18
17/10/2023 15:10	8.5	61	8	12.1	0.0	36.5	17
17/10/2023 15:20	8.1	61	8	10.6	0.0	36.8	17
17/10/2023 15:30	7.5	64	7	10.2	0.0	36.6	18
17/10/2023 15:40	7.0	64	9	9.9	0.0	36.9	17
17/10/2023 15:50	7.2	65	8	9.6	0.0	37.1	16
17/10/2023 16:00	7.0	64	8	10.4	0.0	37.1	16



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/10/2023 16:10	6.6	60	8	9.8	0.0	37.3	16
17/10/2023 16:20	6.7	58	9	9.1	0.0	37.3	16
17/10/2023 16:30	6.7	51	9	10.5	0.0	37.4	15
17/10/2023 16:40	8.0	47	7	10.6	0.0	37.4	12
17/10/2023 16:50	7.6	47	9	10.2	0.0	37.3	12
17/10/2023 17:00	7.2	44	9	10.5	0.0	37.2	12
17/10/2023 17:10	7.3	46	8	10.6	0.0	36.9	12
17/10/2023 17:20	7.2	44	7	10.1	0.0	36.7	13
17/10/2023 17:30	6.5	37	8	9.6	0.0	36.5	13
17/10/2023 17:40	6.1	33	8	9.6	0.0	35.9	14
17/10/2023 17:50	7.1	32	8	10.1	0.0	35.4	15
17/10/2023 18:00	7.2	32	7	10.1	0.0	35.2	15
17/10/2023 18:10	5.8	29	8	8.2	0.0	34.7	16
17/10/2023 18:20	4.9	31	9	6.9	0.0	34.5	17
17/10/2023 18:30	5.3	28	9	7.9	0.0	34.4	16
17/10/2023 18:40	5.3	27	8	8.1	0.0	34.3	16
17/10/2023 18:50	4.9	27	10	6.8	0.0	34.1	16
17/10/2023 19:00	4.9	29	8	7.0	0.0	34.0	15
17/10/2023 19:10	4.9	30	9	7.1	0.0	33.9	15
17/10/2023 19:20	4.3	27	8	5.9	0.0	33.6	16
17/10/2023 19:30	3.6	188	9	5.4	0.0	33.4	17
17/10/2023 19:40	2.5	338	14	3.6	0.0	32.4	24
17/10/2023 19:50	3.3	272	13	5.3	0.0	31.1	39
17/10/2023 20:00	3.2	278	17	5.6	0.0	29.8	49
17/10/2023 20:10	3.9	253	7	4.5	0.0	29.3	54
17/10/2023 20:20	3.0	255	6	3.7	0.0	28.9	54
17/10/2023 20:30	2.3	268	6	2.7	0.0	28.8	52
17/10/2023 20:40	2.6	247	5	3.8	0.0	28.9	51
17/10/2023 20:50	3.3	263	6	3.8	0.0	28.5	55
17/10/2023 21:00	2.7	260	12	3.8	0.0	28.5	53
17/10/2023 21:10	3.1	254	11	4.3	0.0	28.5	52
17/10/2023 21:20	2.7	276	12	3.5	0.0	28.5	52
17/10/2023 21:30	2.4	276	9	3.4	0.0	28.3	52
17/10/2023 21:40	2.6	278	7	3.1	0.0	28.5	51
17/10/2023 21:50	2.3	274	9	3.1	0.0	28.4	51
17/10/2023 22:00	2.3	278	7	2.8	0.0	28.3	52
17/10/2023 22:10	2.7	276	7	3.3	0.0	28.3	52
17/10/2023 22:20	2.1	273	8	2.8	0.0	28.4	51
17/10/2023 22:30	2.0	273	12	2.8	0.0	28.0	51
17/10/2023 22:40	2.2	269	9	2.9	0.0	28.1	49
17/10/2023 22:50	3.1	261	12	4.9	0.0	28.2	48
17/10/2023 23:00	2.9	267	13	4.1	0.0	28.3	47
17/10/2023 23:10	2.7	264	14	4.1	0.0	28.2	47
17/10/2023 23:20	2.6	266	12	3.7	0.0	28.2	45
17/10/2023 23:30	1.6	267	17	2.4	0.0	28.1	44
17/10/2023 23:40	2.2	265	14	3.2	0.0	28.0	43
17/10/2023 23:50	1.4	252	23	2.3	0.0	28.4	41
18/10/2023 00:00	1.5	250	10	1.9	0.0	28.7	39



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/10/2023 00:10	1.5	271	12	2.0	0.0	28.5	39
18/10/2023 00:20	1.4	265	14	2.0	0.0	28.3	38
18/10/2023 00:30	1.7	270	8	2.1	0.0	28.3	37
18/10/2023 00:40	1.5	263	11	1.9	0.0	28.4	36
18/10/2023 00:50	1.0	264	19	1.5	0.0	28.3	35
18/10/2023 01:00	1.2	288	10	1.6	0.0	28.0	35
18/10/2023 01:10	1.7	273	5	2.0	0.0	27.3	36
18/10/2023 01:20	1.9	267	6	2.3	0.0	28.0	33
18/10/2023 01:30	1.5	263	18	2.0	0.0	28.3	32
18/10/2023 01:40	0.9	286	25	1.3	0.0	27.5	33
18/10/2023 01:50	0.6	144	43	1.0	0.0	27.2	34
18/10/2023 02:00	0.8	157	34	1.3	0.0	27.2	33
18/10/2023 02:10	0.8	21	30	1.2	0.0	27.6	31
18/10/2023 02:20	1.7	51	5	2.1	0.0	26.4	34
18/10/2023 02:30	1.7	40	8	2.2	0.0	26.1	35
18/10/2023 02:40	0.9	302	55	1.7	0.0	26.6	33
18/10/2023 02:50	1.2	251	23	2.5	0.0	26.1	34
18/10/2023 03:00	1.3	269	17	1.9	0.0	27.6	29
18/10/2023 03:10	0.8	289	31	1.5	0.0	27.2	31
18/10/2023 03:20	1.3	284	16	1.8	0.0	27.4	29
18/10/2023 03:30	1.0	274	26	1.8	0.0	27.7	29
18/10/2023 03:40	1.0	258	42	2.0	0.0	26.4	32
18/10/2023 03:50	0.9	145	44	1.5	0.0	25.3	35
18/10/2023 04:00	1.1	77	26	1.9	0.0	25.1	34
18/10/2023 04:10	1.8	59	9	2.3	0.0	24.7	34
18/10/2023 04:20	2.1	65	8	2.7	0.0	23.9	36
18/10/2023 04:30	1.9	67	9	2.9	0.0	24.5	44
18/10/2023 04:40	1.4	77	27	2.5	0.0	24.8	47
18/10/2023 04:50	1.2	67	27	1.9	0.0	24.8	45
18/10/2023 05:00	0.9	141	49	1.8	0.0	25.7	33
18/10/2023 05:10	1.8	170	19	2.9	0.0	27.1	26
18/10/2023 05:20	1.7	185	28	2.7	0.0	28.3	24
18/10/2023 05:30	1.1	147	40	2.0	0.0	27.8	23
18/10/2023 05:40	1.7	165	27	3.0	0.0	28.1	23
18/10/2023 05:50	1.6	181	23	3.3	0.0	27.8	23
18/10/2023 06:00	1.8	174	23	3.6	0.0	28.1	23
18/10/2023 06:10	1.7	176	28	2.9	0.0	28.3	23
18/10/2023 06:20	1.9	168	33	3.8	0.0	28.3	22
18/10/2023 06:30	0.9	202	57	2.6	0.0	28.5	21
18/10/2023 06:40	1.6	53	32	2.8	0.0	28.5	21
18/10/2023 06:50	1.6	66	41	2.4	0.0	29.0	21
18/10/2023 07:00	1.0	212	82	2.4	0.0	29.6	21
18/10/2023 07:10	1.4	157	54	3.2	0.0	29.8	21
18/10/2023 07:20	2.3	80	11	3.0	0.0	29.8	22
18/10/2023 07:30	2.3	74	8	2.9	0.0	29.7	22
18/10/2023 07:40	2.1	66	9	2.8	0.0	29.9	22
18/10/2023 07:50	1.3	78	14	2.3	0.0	30.9	21
18/10/2023 08:00	1.5	76	16	2.7	0.0	31.9	20



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/10/2023 08:10	1.7	59	33	2.5	0.0	31.8	20
18/10/2023 08:20	1.6	51	42	2.3	0.0	32.2	19
18/10/2023 08:30	1.5	80	40	2.7	0.0	32.8	18
18/10/2023 08:40	1.9	101	18	3.2	0.0	33.3	18
18/10/2023 08:50	1.8	97	23	2.8	0.0	33.2	18
18/10/2023 09:00	2.3	88	19	3.3	0.0	33.6	18
18/10/2023 09:10	2.3	91	19	3.4	0.0	33.3	18
18/10/2023 09:20	1.9	96	19	3.0	0.0	33.9	18
18/10/2023 09:30	1.7	106	22	2.9	0.0	34.7	18
18/10/2023 09:40	2.1	95	15	3.6	0.0	35.1	17
18/10/2023 09:50	2.0	95	18	3.1	0.0	35.2	17
18/10/2023 10:00	1.6	74	25	2.8	0.0	35.9	15
18/10/2023 10:10	1.7	71	22	3.0	0.0	36.8	14
18/10/2023 10:20	2.0	114	32	3.0	0.0	37.7	12
18/10/2023 10:30	1.7	184	31	3.4	0.0	37.5	11
18/10/2023 10:40	2.7	123	16	4.4	0.0	38.8	10
18/10/2023 10:50	2.0	139	14	3.5	0.0	38.9	9
18/10/2023 11:00	2.3	116	13	3.9	0.0	39.2	9
18/10/2023 11:10	2.2	127	19	3.6	0.0	39.3	8
18/10/2023 11:20	2.6	104	17	4.0	0.0	39.2	8
18/10/2023 11:30	2.4	111	24	3.9	0.0	39.6	8
18/10/2023 11:40	3.4	94	21	5.5	0.0	39.3	10
18/10/2023 11:50	4.7	53	11	6.5	0.0	38.3	16
18/10/2023 12:00	5.3	50	6	6.6	0.0	36.5	17
18/10/2023 12:10	4.3	56	8	5.5	0.0	36.9	15
18/10/2023 12:20	4.0	61	9	5.1	0.0	37.4	15
18/10/2023 12:30	3.9	66	12	6.0	0.0	38.3	15
18/10/2023 12:40	3.6	56	22	6.5	0.0	38.7	16
18/10/2023 12:50	3.6	184	25	6.2	0.0	38.9	16
18/10/2023 13:00	4.6	177	13	5.7	0.0	38.6	18
18/10/2023 13:10	4.8	4	10	6.1	0.0	38.3	22
18/10/2023 13:20	4.8	3	8	6.7	0.0	37.6	25
18/10/2023 13:30	4.7	174	13	6.2	0.0	37.7	26
18/10/2023 13:40	4.1	348	12	5.5	0.0	37.3	29
18/10/2023 13:50	3.6	28	24	5.7	0.0	38.5	19
18/10/2023 14:00	4.8	26	12	6.3	0.0	38.7	17
18/10/2023 14:10	4.7	7	10	5.8	0.0	38.5	21
18/10/2023 14:20	5.0	9	10	6.5	0.0	38.5	20
18/10/2023 14:30	3.9	26	17	5.5	0.0	37.9	21
18/10/2023 14:40	4.8	14	11	6.1	0.0	38.8	16
18/10/2023 14:50	4.2	174	16	5.9	0.0	38.6	19
18/10/2023 15:00	4.6	329	11	6.2	0.0	38.1	21
18/10/2023 15:10	4.7	320	10	6.4	0.0	36.7	25
18/10/2023 15:20	4.7	326	8	6.7	0.0	35.7	25
18/10/2023 15:30	6.0	324	6	7.8	0.0	35.9	22
18/10/2023 15:40	5.2	326	10	7.5	0.0	35.8	23
18/10/2023 15:50	5.5	316	11	7.8	0.0	35.8	23
18/10/2023 16:00	5.4	312	8	7.3	0.0	35.8	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/10/2023 16:10	4.7	322	12	7.1	0.0	36.3	17
18/10/2023 16:20	5.3	311	8	7.1	0.0	36.1	19
18/10/2023 16:30	5.4	314	9	7.0	0.0	35.8	19
18/10/2023 16:40	5.0	314	9	6.6	0.0	35.7	21
18/10/2023 16:50	4.8	311	9	6.5	0.0	35.6	22
18/10/2023 17:00	4.7	312	10	7.0	0.0	35.0	25
18/10/2023 17:10	5.0	311	8	6.6	0.0	34.9	23
18/10/2023 17:20	5.0	310	9	6.8	0.0	34.5	24
18/10/2023 17:30	4.8	307	9	7.0	0.0	34.0	26
18/10/2023 17:40	5.4	288	9	7.4	0.0	33.5	27
18/10/2023 17:50	4.5	291	7	5.8	0.0	33.2	29
18/10/2023 18:00	4.5	284	7	5.8	0.0	33.0	28
18/10/2023 18:10	4.4	285	6	5.5	0.0	32.6	30
18/10/2023 18:20	4.6	271	6	5.7	0.0	31.8	40
18/10/2023 18:30	4.4	269	7	5.3	0.0	30.9	46
18/10/2023 18:40	3.5	269	6	4.3	0.0	30.4	49
18/10/2023 18:50	3.7	264	6	4.8	0.0	30.2	49
18/10/2023 19:00	3.2	277	5	4.2	0.0	29.9	48
18/10/2023 19:10	3.4	281	6	4.6	0.0	30.1	46
18/10/2023 19:20	3.1	294	7	4.1	0.0	29.9	49
18/10/2023 19:30	3.1	289	6	4.0	0.0	29.7	50
18/10/2023 19:40	3.1	283	8	4.3	0.0	29.7	48
18/10/2023 19:50	3.2	286	6	4.7	0.0	29.5	51
18/10/2023 20:00	3.4	291	7	4.5	0.0	29.3	54
18/10/2023 20:10	3.4	296	7	4.5	0.0	29.1	58
18/10/2023 20:20	3.0	300	8	4.3	0.0	29.0	59
18/10/2023 20:30	3.0	288	7	4.0	0.0	29.0	60
18/10/2023 20:40	4.1	280	5	4.7	0.0	28.9	62
18/10/2023 20:50	4.2	283	4	5.0	0.0	28.7	63
18/10/2023 21:00	4.4	273	5	5.5	0.0	28.6	64
18/10/2023 21:10	3.8	269	5	4.8	0.0	28.5	65
18/10/2023 21:20	3.8	271	5	4.6	0.0	28.4	66
18/10/2023 21:30	3.6	281	5	4.2	0.0	28.2	67
18/10/2023 21:40	3.3	288	4	4.1	0.0	28.0	68
18/10/2023 21:50	3.0	278	7	3.9	0.0	27.8	70
18/10/2023 22:00	3.5	266	6	4.5	0.0	27.6	70
18/10/2023 22:10	2.8	269	7	3.9	0.0	27.3	70
18/10/2023 22:20	3.4	273	4	4.0	0.0	27.1	70
18/10/2023 22:30	3.0	274	5	4.0	0.0	27.1	70
18/10/2023 22:40	2.6	267	6	3.6	0.0	27.0	70
18/10/2023 22:50	3.8	265	6	5.0	0.0	27.0	69
18/10/2023 23:00	4.0	265	5	5.3	0.0	27.3	68
18/10/2023 23:10	2.7	259	7	3.6	0.0	27.2	68
18/10/2023 23:20	2.4	273	8	3.3	0.0	27.0	69
18/10/2023 23:30	3.4	274	7	4.1	0.0	27.2	67
18/10/2023 23:40	3.2	283	6	4.3	0.0	27.5	64
18/10/2023 23:50	3.0	282	6	3.7	0.0	27.3	63
19/10/2023 00:00	2.6	283	6	3.5	0.0	27.5	61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/10/2023 00:10	3.6	277	5	4.4	0.0	27.5	60
19/10/2023 00:20	3.5	278	5	4.4	0.0	27.5	58
19/10/2023 00:30	3.5	275	4	4.4	0.0	27.6	55
19/10/2023 00:40	3.4	276	5	4.1	0.0	27.6	54
19/10/2023 00:50	3.1	279	6	4.0	0.0	27.5	54
19/10/2023 01:00	3.4	278	5	4.1	0.0	27.4	51
19/10/2023 01:10	3.9	277	4	4.5	0.0	27.5	48
19/10/2023 01:20	3.8	270	5	4.6	0.0	27.5	46
19/10/2023 01:30	3.9	269	4	4.6	0.0	27.3	45
19/10/2023 01:40	4.8	276	4	5.6	0.0	27.5	44
19/10/2023 01:50	4.6	272	4	5.6	0.0	27.7	42
19/10/2023 02:00	3.9	267	5	5.3	0.0	27.3	44
19/10/2023 02:10	3.7	274	3	4.5	0.0	26.9	48
19/10/2023 02:20	4.0	268	4	4.6	0.0	26.8	49
19/10/2023 02:30	4.0	271	4	4.9	0.0	26.6	51
19/10/2023 02:40	3.6	269	3	4.3	0.0	26.5	55
19/10/2023 02:50	3.6	275	4	4.1	0.0	26.5	54
19/10/2023 03:00	4.0	266	4	4.6	0.0	26.4	55
19/10/2023 03:10	4.0	274	4	4.7	0.0	26.6	52
19/10/2023 03:20	4.0	272	6	4.6	0.0	26.9	48
19/10/2023 03:30	4.0	273	5	4.7	0.0	27.1	43
19/10/2023 03:40	3.8	277	5	4.5	0.0	27.5	38
19/10/2023 03:50	3.9	275	5	4.7	0.0	27.8	37
19/10/2023 04:00	3.8	274	6	4.4	0.0	27.5	36
19/10/2023 04:10	3.6	272	8	4.4	0.0	27.8	33
19/10/2023 04:20	2.5	268	9	3.3	0.0	27.6	33
19/10/2023 04:30	1.7	238	26	3.2	0.0	27.5	31
19/10/2023 04:40	2.1	222	27	3.4	0.0	28.9	29
19/10/2023 04:50	2.7	281	12	3.7	0.0	27.9	32
19/10/2023 05:00	1.8	260	16	2.9	0.0	27.1	35
19/10/2023 05:10	1.1	251	35	2.4	0.0	27.5	32
19/10/2023 05:20	3.3	269	8	4.6	0.0	28.4	27
19/10/2023 05:30	3.0	273	11	4.3	0.0	29.0	24
19/10/2023 05:40	2.1	282	16	3.3	0.0	29.0	23
19/10/2023 05:50	2.7	278	5	3.5	0.0	28.8	20
19/10/2023 06:00	3.3	273	5	4.1	0.0	29.6	19
19/10/2023 06:10	3.5	271	4	4.2	0.0	29.3	21
19/10/2023 06:20	3.4	275	5	4.0	0.0	28.9	22
19/10/2023 06:30	2.9	268	5	3.5	0.0	29.4	23
19/10/2023 06:40	2.8	272	7	3.5	0.0	29.5	23
19/10/2023 06:50	2.6	273	9	3.6	0.0	30.3	21
19/10/2023 07:00	1.9	251	23	3.3	0.0	31.2	20
19/10/2023 07:10	0.8	219	44	1.8	0.0	32.1	20
19/10/2023 07:20	1.5	199	20	2.4	0.0	32.6	18
19/10/2023 07:30	1.5	188	23	2.4	0.0	32.4	22
19/10/2023 07:40	1.3	232	24	2.0	0.0	32.5	20
19/10/2023 07:50	2.2	277	9	3.1	0.0	33.0	18
19/10/2023 08:00	1.6	269	16	2.5	0.0	33.6	17



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/10/2023 08:10	1.4	250	29	2.8	0.0	34.4	16
19/10/2023 08:20	3.3	201	14	5.0	0.0	35.0	13
19/10/2023 08:30	4.6	196	11	6.7	0.0	35.0	13
19/10/2023 08:40	4.5	187	10	7.0	0.0	34.8	15
19/10/2023 08:50	5.0	194	10	6.5	0.0	34.8	15
19/10/2023 09:00	4.7	180	11	7.1	0.0	35.2	15
19/10/2023 09:10	4.1	178	14	6.1	0.0	35.4	15
19/10/2023 09:20	3.2	157	19	5.3	0.0	36.4	15
19/10/2023 09:30	3.3	160	23	5.0	0.0	36.8	14
19/10/2023 09:40	3.2	141	16	5.3	0.0	31.6	43
19/10/2023 09:50	3.3	141	17	5.2	0.0	33.5	19
19/10/2023 10:00	3.6	126	19	5.9	0.0	32.6	40
19/10/2023 10:10	3.2	110	17	5.0	1.1	26.9	61
19/10/2023 10:20	3.2	111	13	4.9	0.0	29.5	62
19/10/2023 10:30	3.5	112	16	5.2	0.0	35.0	60
19/10/2023 10:40	3.8	104	14	5.7	0.0	36.3	57
19/10/2023 10:50	4.2	90	15	5.7	0.0	36.7	55
19/10/2023 11:00	3.9	93	13	5.3	0.0	37.0	54
19/10/2023 11:10	3.7	84	13	6.0	0.0	37.2	54
19/10/2023 11:20	3.8	87	11	5.5	0.0	35.7	44
19/10/2023 11:30	4.3	65	12	6.0	0.0	35.8	40
19/10/2023 11:40	4.9	60	13	6.6	0.0	35.8	39
19/10/2023 11:50	4.9	57	10	6.4	0.0	35.7	38
19/10/2023 12:00	4.8	62	10	6.5	0.0	35.8	38
19/10/2023 12:10	4.2	60	9	6.0	0.0	36.0	37
19/10/2023 12:20	3.9	58	15	5.7	0.0	34.8	33
19/10/2023 12:30	4.1	61	13	5.8	0.0	5.3	-17
19/10/2023 12:40	4.0	49	13	5.6	0.0	45.1	4
19/10/2023 12:50	4.5	48	12	6.4	0.0	45.3	4
19/10/2023 13:00	4.7	48	11	6.5	0.0	33.3	5
19/10/2023 13:10	4.8	62	8	6.5	0.0	4.6	-1
19/10/2023 13:20	4.6	54	9	6.1	0.0	44.5	-4
19/10/2023 13:30	4.5	64	12	6.4	0.0	45.4	6
19/10/2023 13:40	4.7	63	14	6.4	0.0	40.1	28
19/10/2023 13:50	3.9	24	14	6.2	0.0	39.2	12
19/10/2023 14:00	5.0	182	13	6.2	0.0	38.4	3
19/10/2023 14:10	5.0	352	12	6.7	0.0	28.0	21
19/10/2023 14:20	5.2	336	16	8.2	0.0	39.9	12
19/10/2023 14:30	7.0	347	10	10.3	0.0	37.6	19
19/10/2023 14:40	7.0	352	9	9.5	0.0	37.0	19
19/10/2023 14:50	6.6	182	13	8.9	0.0	37.1	18
19/10/2023 15:00	6.9	183	11	9.5	0.0	37.1	19
19/10/2023 15:10	6.9	340	7	9.1	0.0	35.7	25
19/10/2023 15:20	6.4	349	9	8.3	0.0	35.1	27
19/10/2023 15:30	6.4	345	8	8.3	0.0	34.8	27
19/10/2023 15:40	6.1	338	11	8.4	0.0	34.6	30
19/10/2023 15:50	6.2	340	10	8.1	0.0	34.5	28
19/10/2023 16:00	6.0	341	10	7.6	0.0	34.7	26



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/10/2023 16:10	6.2	338	9	7.7	0.0	34.7	27
19/10/2023 16:20	6.1	332	8	8.1	0.0	34.3	29
19/10/2023 16:30	6.3	325	5	7.9	0.0	33.9	29
19/10/2023 16:40	6.4	326	6	8.4	0.0	34.2	27
19/10/2023 16:50	5.6	319	8	8.1	0.0	34.0	32
19/10/2023 17:00	5.4	320	9	7.2	0.0	34.1	31
19/10/2023 17:10	5.8	322	8	8.2	0.0	33.8	34
19/10/2023 17:20	4.7	314	9	6.4	0.0	33.6	36
19/10/2023 17:30	5.4	310	8	7.5	0.0	33.3	38
19/10/2023 17:40	5.6	310	8	7.5	0.0	32.8	40
19/10/2023 17:50	5.2	309	9	7.5	0.0	32.2	44
19/10/2023 18:00	5.5	310	7	7.7	0.0	31.9	42
19/10/2023 18:10	5.4	310	8	7.5	0.0	31.4	43
19/10/2023 18:20	6.1	315	5	8.0	0.0	31.1	43
19/10/2023 18:30	4.6	305	9	6.3	0.0	31.1	43
19/10/2023 18:40	4.2	280	10	6.2	0.0	30.5	47
19/10/2023 18:50	5.1	278	6	6.8	0.0	29.7	50
19/10/2023 19:00	4.8	285	7	6.0	0.0	29.6	49
19/10/2023 19:10	4.2	282	9	5.6	0.0	29.5	49
19/10/2023 19:20	4.1	262	5	5.5	0.0	29.4	48
19/10/2023 19:30	3.5	263	6	4.6	0.0	29.0	51
19/10/2023 19:40	3.6	259	5	4.3	0.0	28.8	50
19/10/2023 19:50	3.7	271	6	4.6	0.0	28.6	50
19/10/2023 20:00	4.0	281	6	5.1	0.0	28.6	48
19/10/2023 20:10	4.6	269	6	5.9	0.0	28.6	48
19/10/2023 20:20	5.0	263	6	6.5	0.0	28.4	48
19/10/2023 20:30	5.0	266	6	7.0	0.0	28.3	46
19/10/2023 20:40	4.7	268	6	5.8	0.0	28.2	45
19/10/2023 20:50	4.9	265	6	6.5	0.0	28.2	44
19/10/2023 21:00	4.6	259	7	6.2	0.0	28.2	43
19/10/2023 21:10	4.4	262	6	5.6	0.0	28.0	43
19/10/2023 21:20	5.3	258	5	6.9	0.0	27.9	42
19/10/2023 21:30	5.3	264	5	6.3	0.0	27.9	41
19/10/2023 21:40	4.9	263	6	5.9	0.0	27.9	41
19/10/2023 21:50	4.4	264	6	5.3	0.0	27.7	41
19/10/2023 22:00	4.0	262	5	4.7	0.0	27.6	41
19/10/2023 22:10	4.3	264	4	5.0	0.0	27.6	41
19/10/2023 22:20	4.6	265	5	5.4	0.0	27.7	40
19/10/2023 22:30	4.4	257	5	5.4	0.0	27.6	40
19/10/2023 22:40	3.8	258	5	4.7	0.0	27.3	41
19/10/2023 22:50	3.7	263	5	4.6	0.0	27.2	41
19/10/2023 23:00	3.7	259	5	4.5	0.0	27.3	41
19/10/2023 23:10	4.5	258	6	5.6	0.0	27.3	41
19/10/2023 23:20	4.3	259	5	5.6	0.0	27.2	41
19/10/2023 23:30	4.3	259	5	5.1	0.0	26.9	42
19/10/2023 23:40	3.9	262	4	4.9	0.0	26.7	42
19/10/2023 23:50	3.7	264	5	4.6	0.0	26.5	41
20/10/2023 00:00	4.0	265	5	5.2	0.0	26.6	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/10/2023 00:10	4.9	258	4	5.8	0.0	26.7	40
20/10/2023 00:20	6.5	263	4	8.1	0.0	26.8	40
20/10/2023 00:30	6.2	272	8	8.2	0.0	27.2	39
20/10/2023 00:40	4.8	278	10	7.0	0.0	27.2	40
20/10/2023 00:50	3.7	285	7	5.0	0.0	27.0	40
20/10/2023 01:00	4.1	271	7	5.6	0.0	26.8	41
20/10/2023 01:10	3.9	265	5	4.8	0.0	26.7	41
20/10/2023 01:20	4.4	269	6	5.6	0.0	26.6	41
20/10/2023 01:30	4.3	268	5	5.4	0.0	26.6	41
20/10/2023 01:40	3.8	267	4	4.6	0.0	26.4	41
20/10/2023 01:50	3.8	263	4	4.6	0.0	26.4	41
20/10/2023 02:00	3.4	259	4	3.9	0.0	26.3	41
20/10/2023 02:10	3.5	257	3	4.3	0.0	26.1	42
20/10/2023 02:20	3.2	262	2	3.7	0.0	25.7	42
20/10/2023 02:30	3.8	260	2	4.4	0.0	25.5	42
20/10/2023 02:40	4.1	260	4	5.1	0.0	25.4	41
20/10/2023 02:50	3.6	267	5	4.1	0.0	25.4	41
20/10/2023 03:00	4.1	270	3	5.0	0.0	25.5	41
20/10/2023 03:10	3.6	266	4	4.0	0.0	25.5	41
20/10/2023 03:20	3.9	273	3	4.4	0.0	25.6	40
20/10/2023 03:30	4.3	271	3	4.8	0.0	25.6	40
20/10/2023 03:40	4.5	276	2	5.2	0.0	25.5	40
20/10/2023 03:50	4.3	275	3	4.8	0.0	25.5	39
20/10/2023 04:00	4.2	273	3	4.9	0.0	25.4	39
20/10/2023 04:10	3.2	262	4	3.9	0.0	25.3	40
20/10/2023 04:20	3.3	261	4	4.0	0.0	25.3	40
20/10/2023 04:30	3.4	266	5	4.1	0.0	25.3	39
20/10/2023 04:40	3.4	266	4	4.2	0.0	25.2	38
20/10/2023 04:50	3.3	267	4	3.9	0.0	25.0	38
20/10/2023 05:00	3.4	264	4	4.1	0.0	25.1	38
20/10/2023 05:10	3.0	266	3	3.6	0.0	25.1	38
20/10/2023 05:20	2.7	265	2	3.1	0.0	24.9	38
20/10/2023 05:30	2.5	270	2	2.9	0.0	24.7	38
20/10/2023 05:40	2.5	268	4	2.8	0.0	24.7	38
20/10/2023 05:50	2.8	276	4	3.2	0.0	24.6	37
20/10/2023 06:00	2.3	272	10	3.2	0.0	24.6	33
20/10/2023 06:10	2.2	258	15	3.1	0.0	25.3	25
20/10/2023 06:20	1.9	231	25	2.9	0.0	27.0	33
20/10/2023 06:30	1.9	219	24	3.1	0.0	28.2	36
20/10/2023 06:40	1.7	188	20	3.2	0.0	29.0	33
20/10/2023 06:50	1.5	171	26	2.7	0.0	29.9	31
20/10/2023 07:00	2.2	190	18	3.6	0.0	30.6	28
20/10/2023 07:10	2.4	184	16	3.9	0.0	31.1	26
20/10/2023 07:20	3.1	178	12	4.8	0.0	31.8	23
20/10/2023 07:30	3.7	181	9	5.1	0.0	32.0	21
20/10/2023 07:40	2.9	174	17	4.4	0.0	32.6	21
20/10/2023 07:50	3.4	176	15	5.4	0.0	32.8	21
20/10/2023 08:00	2.7	156	22	4.7	0.0	33.6	19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/10/2023 08:10	3.1	148	18	4.8	0.0	34.3	17
20/10/2023 08:20	3.2	145	19	5.1	0.0	34.5	17
20/10/2023 08:30	3.2	133	18	4.9	0.0	34.8	16
20/10/2023 08:40	3.4	138	18	5.3	0.0	35.1	16
20/10/2023 08:50	3.1	142	19	4.8	0.0	35.6	15
20/10/2023 09:00	3.1	125	18	5.5	0.0	35.9	16
20/10/2023 09:10	3.1	108	16	4.4	0.0	35.9	18
20/10/2023 09:20	2.7	116	16	4.0	0.0	36.4	17
20/10/2023 09:30	3.0	112	15	5.0	0.0	36.7	15
20/10/2023 09:40	4.0	111	11	5.6	0.0	36.8	16
20/10/2023 09:50	4.4	100	12	6.4	0.0	37.6	16
20/10/2023 10:00	5.5	82	9	7.3	0.0	37.4	15
20/10/2023 10:10	5.2	75	12	7.2	0.0	37.4	17
20/10/2023 10:20	5.5	71	12	7.8	0.0	37.3	18
20/10/2023 10:30	5.9	68	9	8.5	0.0	37.2	19
20/10/2023 10:40	6.1	66	9	8.0	0.0	36.5	22
20/10/2023 10:50	5.6	71	11	8.2	0.0	37.7	19
20/10/2023 11:00	5.5	75	13	8.4	0.0	38.7	17
20/10/2023 11:10	6.0	77	9	9.0	0.0	39.0	16
20/10/2023 11:20	7.0	78	10	9.5	0.0	39.1	14
20/10/2023 11:30	6.8	74	10	9.9	0.0	39.1	15
20/10/2023 11:40	6.9	61	7	9.4	0.0	38.6	16
20/10/2023 11:50	7.2	57	8	9.3	0.0	38.4	15
20/10/2023 12:00	7.2	58	9	10.6	0.0	38.9	14
20/10/2023 12:10	7.0	55	8	10.1	0.0	38.7	14
20/10/2023 12:20	7.1	54	7	9.3	0.0	38.6	13
20/10/2023 12:30	6.4	57	10	9.2	0.0	39.0	12
20/10/2023 12:40	6.6	56	8	9.3	0.0	39.2	12
20/10/2023 12:50	6.9	55	8	9.5	0.0	39.3	12
20/10/2023 13:00	6.9	58	8	9.2	0.0	39.3	12
20/10/2023 13:10	7.0	60	8	9.0	0.0	39.4	12
20/10/2023 13:20	6.2	61	10	8.6	0.0	39.7	12
20/10/2023 13:30	7.0	64	7	9.5	0.0	39.5	12
20/10/2023 13:40	7.0	54	8	9.2	0.0	39.9	11
20/10/2023 13:50	7.2	54	7	9.2	0.0	39.6	11
20/10/2023 14:00	7.3	55	7	9.2	0.0	39.4	11
20/10/2023 14:10	6.5	62	10	8.9	0.0	40.0	11
20/10/2023 14:20	6.9	60	7	9.0	0.0	40.2	11
20/10/2023 14:30	7.1	59	7	9.5	0.0	40.4	10
20/10/2023 14:40	6.9	65	8	9.3	0.0	40.8	10
20/10/2023 14:50	6.1	58	12	8.5	0.0	41.1	9
20/10/2023 15:00	6.2	33	11	8.9	0.0	41.1	11
20/10/2023 15:10	6.6	188	9	9.2	0.0	40.2	16
20/10/2023 15:20	6.7	5	9	8.6	0.0	38.9	20
20/10/2023 15:30	6.9	11	7	8.9	0.0	39.1	19
20/10/2023 15:40	6.8	18	9	9.1	0.0	39.0	17
20/10/2023 15:50	7.6	16	7	9.9	0.0	38.5	17
20/10/2023 16:00	7.6	11	7	9.9	0.0	38.4	17



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/10/2023 16:10	7.3	8	8	9.9	0.0	37.8	20
20/10/2023 16:20	7.6	7	7	9.7	0.0	36.9	24
20/10/2023 16:30	7.0	180	7	8.8	0.0	35.9	30
20/10/2023 16:40	7.0	355	5	9.1	0.0	35.1	34
20/10/2023 16:50	6.7	353	7	8.5	0.0	34.9	34
20/10/2023 17:00	6.9	354	6	8.4	0.0	34.8	34
20/10/2023 17:10	7.6	355	4	8.8	0.0	34.0	34
20/10/2023 17:20	7.6	355	5	9.3	0.0	34.0	33
20/10/2023 17:30	8.1	356	5	10.4	0.0	33.7	31
20/10/2023 17:40	8.4	352	6	10.5	0.0	32.7	36
20/10/2023 17:50	8.6	351	5	10.5	0.0	32.7	33
20/10/2023 18:00	7.8	358	5	9.6	0.0	32.4	35
20/10/2023 18:10	8.6	180	5	10.6	0.0	32.1	36
20/10/2023 18:20	7.6	356	5	10.0	0.0	31.8	39
20/10/2023 18:30	7.7	355	5	9.2	0.0	31.6	41
20/10/2023 18:40	6.6	349	7	8.6	0.0	31.5	41
20/10/2023 18:50	6.4	337	7	8.1	0.0	31.3	41
20/10/2023 19:00	7.3	331	5	8.9	0.0	30.4	46
20/10/2023 19:10	7.3	328	6	9.6	0.0	30.2	47
20/10/2023 19:20	6.1	320	7	8.4	0.0	30.0	47
20/10/2023 19:30	6.3	319	7	8.6	0.0	29.9	47
20/10/2023 19:40	5.8	297	12	7.6	0.0	29.9	46
20/10/2023 19:50	5.3	275	7	6.4	0.0	29.3	48
20/10/2023 20:00	4.7	270	7	6.0	0.0	29.3	47
20/10/2023 20:10	4.5	269	6	5.8	0.0	29.3	47
20/10/2023 20:20	5.1	263	6	6.2	0.0	29.1	48
20/10/2023 20:30	4.7	264	6	6.0	0.0	29.0	48
20/10/2023 20:40	4.5	264	6	5.7	0.0	28.8	48
20/10/2023 20:50	4.4	257	8	6.2	0.0	28.9	47
20/10/2023 21:00	5.1	270	5	6.1	0.0	28.8	48
20/10/2023 21:10	5.2	267	5	6.9	0.0	28.9	47
20/10/2023 21:20	4.8	266	6	6.3	0.0	28.9	47
20/10/2023 21:30	4.8	268	6	5.9	0.0	28.9	46
20/10/2023 21:40	4.5	268	5	5.4	0.0	28.7	46
20/10/2023 21:50	3.7	257	8	5.1	0.0	28.6	46
20/10/2023 22:00	4.0	268	5	4.7	0.0	28.6	46
20/10/2023 22:10	3.4	261	5	4.1	0.0	28.5	47
20/10/2023 22:20	2.7	257	4	3.1	0.0	28.1	47
20/10/2023 22:30	2.4	259	5	3.1	0.0	27.8	47
20/10/2023 22:40	3.4	258	6	4.6	0.0	27.9	46
20/10/2023 22:50	3.8	259	5	4.5	0.0	28.4	44
20/10/2023 23:00	3.2	266	4	4.0	0.0	28.3	45
20/10/2023 23:10	3.3	267	4	4.1	0.0	28.0	46
20/10/2023 23:20	2.7	268	6	3.5	0.0	27.8	46
20/10/2023 23:30	3.1	275	4	3.9	0.0	27.6	48
20/10/2023 23:40	3.6	271	4	4.3	0.0	27.7	48
20/10/2023 23:50	3.3	261	5	4.3	0.0	27.8	48
21/10/2023 00:00	3.1	261	4	3.8	0.0	27.5	49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/10/2023 00:10	3.1	260	4	3.7	0.0	27.2	50
21/10/2023 00:20	3.0	265	3	3.5	0.0	26.9	50
21/10/2023 00:30	2.5	262	4	2.9	0.0	26.7	50
21/10/2023 00:40	2.6	270	3	2.7	0.0	26.8	50
21/10/2023 00:50	2.2	272	4	2.5	0.0	26.9	50
21/10/2023 01:00	2.2	268	4	2.7	0.0	27.0	49
21/10/2023 01:10	2.3	270	6	2.9	0.0	27.2	48
21/10/2023 01:20	2.3	278	7	2.6	0.0	27.7	46
21/10/2023 01:30	2.0	268	4	2.3	0.0	27.5	47
21/10/2023 01:40	1.4	265	5	1.7	0.0	27.3	48
21/10/2023 01:50	1.0	292	9	1.2	0.0	27.5	48
21/10/2023 02:00	1.7	282	3	1.9	0.0	27.7	47
21/10/2023 02:10	1.8	263	6	2.1	0.0	27.4	48
21/10/2023 02:20	1.7	262	8	2.0	0.0	26.9	49
21/10/2023 02:30	1.8	263	5	2.0	0.0	26.7	50
21/10/2023 02:40	1.6	276	6	1.8	0.0	26.2	50
21/10/2023 02:50	0.7	254	35	1.4	0.0	25.4	51
21/10/2023 03:00	0.7	240	17	1.2	0.0	25.1	52
21/10/2023 03:10	1.5	278	6	2.1	0.0	25.5	51
21/10/2023 03:20	2.4	271	5	2.7	0.0	26.1	49
21/10/2023 03:30	2.5	250	6	3.0	0.0	26.4	49
21/10/2023 03:40	2.5	272	8	3.1	0.0	25.5	51
21/10/2023 03:50	2.8	261	5	3.2	0.0	26.2	47
21/10/2023 04:00	2.1	254	9	2.6	0.0	26.4	47
21/10/2023 04:10	2.2	255	8	3.2	0.0	26.3	47
21/10/2023 04:20	2.9	268	6	3.3	0.0	26.5	46
21/10/2023 04:30	1.9	212	23	2.6	0.0	26.8	47
21/10/2023 04:40	1.2	268	22	1.8	0.0	26.7	47
21/10/2023 04:50	1.4	220	23	2.9	0.0	26.5	47
21/10/2023 05:00	0.4	8	38	0.8	0.0	25.4	50
21/10/2023 05:10	0.7	14	28	1.2	0.0	25.2	50
21/10/2023 05:20	1.0	54	11	1.4	0.0	25.1	50
21/10/2023 05:30	0.5	349	33	0.7	0.0	25.3	49
21/10/2023 05:40	0.6	312	18	0.9	0.0	25.7	46
21/10/2023 05:50	0.7	268	13	1.1	0.0	25.2	46
21/10/2023 06:00	1.3	252	12	1.8	0.0	24.9	48
21/10/2023 06:10	1.3	276	6	1.9	0.0	25.1	47
21/10/2023 06:20	0.5	201	58	1.0	0.0	26.0	46
21/10/2023 06:30	0.7	332	21	1.1	0.0	26.1	46
21/10/2023 06:40	1.1	207	22	1.7	0.0	26.9	44
21/10/2023 06:50	1.3	47	13	1.8	0.0	27.6	43
21/10/2023 07:00	0.6	113	33	1.2	0.0	29.6	40
21/10/2023 07:10	0.5	192	23	0.9	0.0	29.1	41
21/10/2023 07:20	0.5	70	34	0.9	0.0	31.0	36
21/10/2023 07:30	1.3	110	41	2.0	0.0	32.3	30
21/10/2023 07:40	2.0	142	22	3.6	0.0	33.1	23
21/10/2023 07:50	1.6	150	23	2.9	0.0	33.6	20
21/10/2023 08:00	2.0	103	13	3.3	0.0	34.5	18



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/10/2023 08:10	2.6	92	8	3.4	0.0	34.3	19
21/10/2023 08:20	2.6	88	13	3.6	0.0	34.2	19
21/10/2023 08:30	2.9	80	8	3.7	0.0	34.0	19
21/10/2023 08:40	3.0	89	9	4.1	0.0	34.3	19
21/10/2023 08:50	2.6	92	12	3.9	0.0	34.3	22
21/10/2023 09:00	3.1	90	10	4.3	0.0	34.1	23
21/10/2023 09:10	3.9	90	14	6.7	0.0	34.0	23
21/10/2023 09:20	3.0	83	12	5.1	0.0	33.8	25
21/10/2023 09:30	4.8	84	9	7.5	0.0	33.8	25
21/10/2023 09:40	5.1	83	10	6.8	0.0	34.4	23
21/10/2023 09:50	5.4	65	10	7.6	0.0	33.9	27
21/10/2023 10:00	5.4	59	9	8.2	0.0	33.4	33
21/10/2023 10:10	7.0	56	8	9.7	0.0	32.9	35
21/10/2023 10:20	5.7	52	10	7.7	0.0	33.0	36
21/10/2023 10:30	6.8	62	10	9.9	0.0	33.1	38
21/10/2023 10:40	4.4	52	14	7.4	0.0	32.5	40
21/10/2023 10:50	6.0	54	9	7.9	0.0	33.5	37
21/10/2023 11:00	5.7	45	9	7.9	0.0	32.9	38
21/10/2023 11:10	5.7	52	10	8.5	0.0	33.1	41
21/10/2023 11:20	6.1	55	9	9.0	0.0	33.0	40
21/10/2023 11:30	6.0	59	12	8.8	0.0	32.8	41
21/10/2023 11:40	6.5	49	9	9.0	0.0	32.9	40
21/10/2023 11:50	6.3	53	9	8.9	0.0	33.0	40
21/10/2023 12:00	6.7	51	8	10.0	0.0	32.8	41
21/10/2023 12:10	6.5	56	8	9.0	0.0	33.3	39
21/10/2023 12:20	6.5	57	9	9.0	0.0	33.5	38
21/10/2023 12:30	6.3	64	10	8.5	0.0	33.5	38
21/10/2023 12:40	6.4	64	9	8.2	0.0	34.4	34
21/10/2023 12:50	7.0	63	10	9.7	0.0	34.8	31
21/10/2023 13:00	7.3	62	9	10.7	0.0	35.7	22
21/10/2023 13:10	7.4	64	9	9.8	0.0	36.3	19
21/10/2023 13:20	7.2	62	8	9.3	0.0	36.7	17
21/10/2023 13:30	7.7	62	7	10.4	0.0	37.2	15
21/10/2023 13:40	7.2	61	8	10.1	0.0	37.0	21
21/10/2023 13:50	7.3	63	8	9.5	0.0	37.4	17
21/10/2023 14:00	6.4	41	10	9.4	0.0	37.7	20
21/10/2023 14:10	7.3	28	10	9.9	0.0	37.4	23
21/10/2023 14:20	5.5	30	11	8.0	0.0	37.0	25
21/10/2023 14:30	7.9	13	9	10.2	0.0	36.0	30
21/10/2023 14:40	7.2	12	10	9.1	0.0	36.2	29
21/10/2023 14:50	6.9	10	10	8.8	0.0	36.2	31
21/10/2023 15:00	7.6	12	6	9.4	0.0	36.4	28
21/10/2023 15:10	7.1	12	9	9.0	0.0	36.3	29
21/10/2023 15:20	6.1	7	11	8.7	0.0	35.7	35
21/10/2023 15:30	6.4	6	10	8.6	0.0	34.8	39
21/10/2023 15:40	6.6	9	10	9.4	0.0	34.3	40
21/10/2023 15:50	6.2	9	9	8.4	0.0	34.0	42
21/10/2023 16:00	5.7	5	9	7.9	0.0	33.4	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/10/2023 16:10	6.3	183	9	8.5	0.0	33.5	43
21/10/2023 16:20	6.5	340	9	8.5	0.0	32.9	47
21/10/2023 16:30	6.1	340	10	8.4	0.0	32.9	46
21/10/2023 16:40	7.2	338	6	9.1	0.0	32.4	45
21/10/2023 16:50	6.4	342	8	8.2	0.0	32.5	45
21/10/2023 17:00	6.2	340	7	7.4	0.0	32.4	44
21/10/2023 17:10	6.0	342	7	7.6	0.0	32.3	44
21/10/2023 17:20	4.6	342	10	6.8	0.0	32.2	46
21/10/2023 17:30	5.7	343	7	7.6	0.0	31.7	47
21/10/2023 17:40	6.6	337	7	8.6	0.0	31.6	46
21/10/2023 17:50	6.7	347	6	8.4	0.0	31.4	46
21/10/2023 18:00	6.5	352	5	8.0	0.0	31.3	46
21/10/2023 18:10	6.0	348	8	7.9	0.0	31.4	45
21/10/2023 18:20	5.4	349	8	7.3	0.0	31.3	44
21/10/2023 18:30	4.9	341	8	6.9	0.0	31.2	44
21/10/2023 18:40	5.3	337	8	7.2	0.0	30.9	46
21/10/2023 18:50	3.5	321	15	6.0	0.0	30.5	49
21/10/2023 19:00	3.0	319	18	4.9	0.0	30.2	50
21/10/2023 19:10	4.0	326	9	5.7	0.0	30.1	49
21/10/2023 19:20	4.3	332	9	6.0	0.0	30.1	49
21/10/2023 19:30	4.3	333	9	6.1	0.0	30.1	50
21/10/2023 19:40	4.1	324	11	6.4	0.0	30.0	49
21/10/2023 19:50	3.1	262	21	4.9	0.0	30.0	50
21/10/2023 20:00	3.6	252	8	4.8	0.0	29.2	55
21/10/2023 20:10	3.2	252	7	4.1	0.0	28.7	55
21/10/2023 20:20	3.5	263	6	4.2	0.0	28.5	54
21/10/2023 20:30	3.1	260	6	4.0	0.0	28.6	53
21/10/2023 20:40	3.1	253	6	4.0	0.0	28.4	53
21/10/2023 20:50	2.8	252	5	3.6	0.0	28.1	53
21/10/2023 21:00	2.8	248	8	3.8	0.0	28.3	52
21/10/2023 21:10	1.9	244	13	2.7	0.0	28.0	53
21/10/2023 21:20	1.3	277	16	1.7	0.0	28.2	52
21/10/2023 21:30	1.1	266	8	1.4	0.0	28.0	52
21/10/2023 21:40	1.7	263	7	2.2	0.0	28.0	51
21/10/2023 21:50	2.1	268	5	2.8	0.0	27.8	51
21/10/2023 22:00	3.4	262	6	4.4	0.0	27.9	52
21/10/2023 22:10	2.3	252	6	3.0	0.0	28.1	52
21/10/2023 22:20	2.8	260	7	3.6	0.0	27.9	53
21/10/2023 22:30	2.4	251	10	3.2	0.0	27.9	53
21/10/2023 22:40	3.6	268	6	4.4	0.0	27.7	53
21/10/2023 22:50	3.7	261	7	4.6	0.0	27.7	54
21/10/2023 23:00	3.8	261	7	4.7	0.0	27.6	54
21/10/2023 23:10	4.4	268	5	5.1	0.0	27.5	54
21/10/2023 23:20	4.5	266	5	5.3	0.0	27.5	53
21/10/2023 23:30	4.5	268	6	5.5	0.0	27.5	53
21/10/2023 23:40	4.6	271	4	5.7	0.0	27.3	53
21/10/2023 23:50	5.1	269	5	6.3	0.0	27.4	52
22/10/2023 00:00	5.0	269	6	6.4	0.0	27.4	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/10/2023 00:10	5.2	263	5	6.3	0.0	27.4	53
22/10/2023 00:20	4.6	260	6	5.9	0.0	27.3	53
22/10/2023 00:30	4.3	255	4	5.2	0.0	26.9	52
22/10/2023 00:40	4.5	257	5	5.6	0.0	27.0	51
22/10/2023 00:50	4.1	256	6	5.3	0.0	27.2	50
22/10/2023 01:00	4.7	259	6	5.8	0.0	27.6	48
22/10/2023 01:10	4.8	259	5	6.0	0.0	28.0	46
22/10/2023 01:20	3.9	257	6	5.0	0.0	27.9	46
22/10/2023 01:30	3.7	268	6	4.6	0.0	27.8	46
22/10/2023 01:40	4.3	265	5	5.1	0.0	27.8	46
22/10/2023 01:50	4.5	258	5	5.4	0.0	28.0	44
22/10/2023 02:00	4.6	263	5	5.6	0.0	28.0	43
22/10/2023 02:10	4.8	269	4	5.5	0.0	27.8	44
22/10/2023 02:20	5.1	269	5	6.0	0.0	27.9	43
22/10/2023 02:30	5.1	268	5	6.4	0.0	27.9	43
22/10/2023 02:40	5.0	260	6	6.2	0.0	27.9	44
22/10/2023 02:50	4.5	266	7	5.7	0.0	27.9	44
22/10/2023 03:00	4.9	276	6	5.9	0.0	27.9	44
22/10/2023 03:10	4.7	272	6	5.8	0.0	27.9	43
22/10/2023 03:20	4.5	264	7	5.4	0.0	28.0	42
22/10/2023 03:30	4.1	262	7	5.3	0.0	28.0	40
22/10/2023 03:40	4.5	259	6	5.8	0.0	28.2	40
22/10/2023 03:50	4.2	258	6	5.2	0.0	28.3	39
22/10/2023 04:00	4.1	266	9	5.5	0.0	28.4	37
22/10/2023 04:10	4.5	262	7	5.6	0.0	28.7	34
22/10/2023 04:20	4.2	259	8	5.2	0.0	29.0	33
22/10/2023 04:30	3.4	265	6	4.3	0.0	28.5	33
22/10/2023 04:40	3.9	277	6	5.4	0.0	28.6	33
22/10/2023 04:50	4.0	277	6	4.7	0.0	28.5	33
22/10/2023 05:00	4.2	280	6	5.0	0.0	28.9	30
22/10/2023 05:10	3.9	286	6	4.9	0.0	29.4	29
22/10/2023 05:20	3.5	279	6	4.9	0.0	29.1	30
22/10/2023 05:30	1.7	254	15	2.5	0.0	27.9	38
22/10/2023 05:40	2.2	260	10	2.9	0.0	27.7	41
22/10/2023 05:50	2.6	271	8	3.4	0.0	27.2	43
22/10/2023 06:00	2.1	264	8	2.6	0.0	27.0	43
22/10/2023 06:10	2.2	259	11	2.9	0.0	27.6	40
22/10/2023 06:20	2.7	270	6	3.4	0.0	27.6	41
22/10/2023 06:30	2.2	274	9	2.8	0.0	27.6	42
22/10/2023 06:40	1.0	140	45	1.6	0.0	28.4	39
22/10/2023 06:50	0.6	153	46	1.2	0.0	29.0	38
22/10/2023 07:00	1.4	250	22	2.5	0.0	29.9	36
22/10/2023 07:10	1.5	244	15	2.2	0.0	30.5	35
22/10/2023 07:20	1.7	268	11	2.5	0.0	30.6	35
22/10/2023 07:30	1.3	269	15	1.7	0.0	31.1	33
22/10/2023 07:40	1.5	263	19	2.3	0.0	32.0	30
22/10/2023 07:50	1.7	228	11	2.9	0.0	32.4	29
22/10/2023 08:00	1.9	254	11	2.5	0.0	32.8	29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/10/2023 08:10	2.4	258	10	3.2	0.0	33.2	28
22/10/2023 08:20	1.6	220	21	2.6	0.0	33.5	30
22/10/2023 08:30	2.0	169	23	3.1	0.0	33.9	31
22/10/2023 08:40	2.9	93	12	4.1	0.0	33.3	33
22/10/2023 08:50	2.1	118	14	3.2	0.0	33.7	29
22/10/2023 09:00	2.3	119	15	3.3	0.0	34.6	26
22/10/2023 09:10	1.8	123	21	2.7	0.0	34.9	26
22/10/2023 09:20	1.0	144	35	2.0	0.0	35.5	25
22/10/2023 09:30	0.7	107	51	1.3	0.0	36.8	23
22/10/2023 09:40	1.6	221	14	2.3	0.0	37.1	22
22/10/2023 09:50	2.0	209	12	3.0	0.0	36.9	24
22/10/2023 10:00	2.5	203	11	3.4	0.0	36.5	27
22/10/2023 10:10	2.9	240	13	4.2	0.0	37.2	23
22/10/2023 10:20	2.9	238	20	4.9	0.0	38.0	21
22/10/2023 10:30	3.0	230	19	4.3	0.0	38.1	23
22/10/2023 10:40	3.1	222	16	4.4	0.0	38.3	21
22/10/2023 10:50	3.1	245	15	4.7	0.0	38.6	23
22/10/2023 11:00	3.1	256	14	5.1	0.0	38.7	21
22/10/2023 11:10	3.5	266	12	4.7	0.0	39.1	20
22/10/2023 11:20	3.1	275	12	5.5	0.0	39.3	21
22/10/2023 11:30	3.1	315	28	5.1	0.0	39.5	20
22/10/2023 11:40	3.1	211	23	4.8	0.0	39.7	21
22/10/2023 11:50	4.8	179	17	6.5	0.0	38.5	26
22/10/2023 12:00	4.1	171	14	5.7	0.0	38.1	27
22/10/2023 12:10	4.2	179	15	5.9	0.0	38.7	26
22/10/2023 12:20	4.6	347	12	6.2	0.0	38.0	29
22/10/2023 12:30	5.3	346	11	7.3	0.0	37.6	34
22/10/2023 12:40	5.7	341	11	7.4	0.0	36.8	36
22/10/2023 12:50	6.3	343	10	8.1	0.0	35.8	41
22/10/2023 13:00	6.6	345	10	7.9	0.0	35.3	43
22/10/2023 13:10	6.6	339	8	8.0	0.0	35.2	42
22/10/2023 13:20	6.5	342	9	8.0	0.0	34.9	42
22/10/2023 13:30	6.3	334	8	7.4	0.0	34.0	46
22/10/2023 13:40	6.5	323	5	7.9	0.0	34.0	45
22/10/2023 13:50	5.7	321	6	7.5	0.0	34.3	44
22/10/2023 14:00	5.8	334	12	7.8	0.0	34.9	42
22/10/2023 14:10	6.2	330	11	8.3	0.0	34.0	46
22/10/2023 14:20	6.2	339	10	8.3	0.0	34.4	45
22/10/2023 14:30	5.6	336	11	7.9	0.0	33.5	48
22/10/2023 14:40	5.7	348	10	7.5	0.0	33.2	49
22/10/2023 14:50	6.6	345	11	9.0	0.0	32.9	49
22/10/2023 15:00	6.6	350	11	9.0	0.0	32.6	50
22/10/2023 15:10	7.8	346	8	9.7	0.0	31.7	50
22/10/2023 15:20	7.8	347	10	10.5	0.0	31.2	52
22/10/2023 15:30	7.3	335	11	9.8	0.0	31.0	53
22/10/2023 15:40	6.9	337	11	9.8	0.0	31.0	53
22/10/2023 15:50	6.8	338	10	9.6	0.0	30.5	54
22/10/2023 16:00	6.6	337	11	9.1	0.0	30.6	53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/10/2023 16:10	6.6	338	10	9.0	0.0	30.5	54
22/10/2023 16:20	6.4	341	11	8.8	0.0	30.5	54
22/10/2023 16:30	5.9	339	10	8.6	0.0	30.3	54
22/10/2023 16:40	6.3	338	7	8.5	0.0	30.0	54
22/10/2023 16:50	6.4	343	8	8.2	0.0	30.0	53
22/10/2023 17:00	6.0	342	7	7.9	0.0	29.8	54
22/10/2023 17:10	5.3	327	10	7.3	0.0	29.9	53
22/10/2023 17:20	5.0	325	8	6.6	0.0	30.1	52
22/10/2023 17:30	4.7	327	8	6.3	0.0	29.9	53
22/10/2023 17:40	4.1	318	12	6.1	0.0	30.0	52
22/10/2023 17:50	4.0	325	9	5.8	0.0	29.9	52
22/10/2023 18:00	4.0	332	10	5.8	0.0	29.7	52
22/10/2023 18:10	3.8	333	10	5.5	0.0	29.5	53
22/10/2023 18:20	3.1	321	13	5.3	0.0	29.4	54
22/10/2023 18:30	3.3	318	14	5.9	0.0	29.1	55
22/10/2023 18:40	4.3	335	13	6.5	0.0	29.1	54
22/10/2023 18:50	5.0	349	10	6.9	0.0	28.8	54
22/10/2023 19:00	5.2	342	8	6.7	0.0	28.7	54
22/10/2023 19:10	4.9	343	9	6.3	0.0	28.6	55
22/10/2023 19:20	4.5	347	8	6.2	0.0	28.5	54
22/10/2023 19:30	4.9	340	7	6.1	0.0	28.4	54
22/10/2023 19:40	5.0	347	8	6.9	0.0	28.3	54
22/10/2023 19:50	5.8	345	7	7.7	0.0	28.2	54
22/10/2023 20:00	5.8	342	7	7.3	0.0	28.1	54
22/10/2023 20:10	6.3	345	7	8.0	0.0	28.1	53
22/10/2023 20:20	6.4	340	5	7.6	0.0	28.1	52
22/10/2023 20:30	5.5	342	5	6.9	0.0	28.1	52
22/10/2023 20:40	5.3	345	9	6.9	0.0	28.0	52
22/10/2023 20:50	5.9	339	6	7.6	0.0	28.0	52
22/10/2023 21:00	5.4	350	7	6.9	0.0	27.8	52
22/10/2023 21:10	5.2	334	8	6.7	0.0	27.9	51
22/10/2023 21:20	4.6	342	9	7.0	0.0	27.8	51
22/10/2023 21:30	4.6	335	9	6.8	0.0	27.8	51
22/10/2023 21:40	4.3	342	8	6.0	0.0	27.8	51
22/10/2023 21:50	5.2	340	8	6.7	0.0	27.7	51
22/10/2023 22:00	4.8	332	9	6.9	0.0	27.6	50
22/10/2023 22:10	5.3	337	10	7.2	0.0	27.7	50
22/10/2023 22:20	5.0	332	9	7.2	0.0	27.6	49
22/10/2023 22:30	4.6	330	9	6.2	0.0	27.6	49
22/10/2023 22:40	4.9	337	10	6.9	0.0	27.6	49
22/10/2023 22:50	5.0	327	8	7.0	0.0	27.6	49
22/10/2023 23:00	5.7	336	9	8.3	0.0	27.5	49
22/10/2023 23:10	4.5	324	10	6.9	0.0	27.5	49
22/10/2023 23:20	4.4	327	11	6.7	0.0	27.5	48
22/10/2023 23:30	5.1	319	12	7.2	0.0	27.4	48
22/10/2023 23:40	4.9	321	8	7.0	0.0	27.5	48
22/10/2023 23:50	5.3	323	8	7.0	0.0	27.5	47
23/10/2023 00:00	4.7	318	11	7.4	0.0	27.5	47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/10/2023 00:10	4.4	310	12	6.2	0.0	27.4	48
23/10/2023 00:20	4.7	303	10	6.7	0.0	27.3	48
23/10/2023 00:30	4.5	305	10	6.1	0.0	27.3	47
23/10/2023 00:40	4.6	308	9	6.6	0.0	27.3	47
23/10/2023 00:50	4.6	304	8	6.4	0.0	27.4	46
23/10/2023 01:00	4.0	302	10	5.6	0.0	27.5	46
23/10/2023 01:10	4.1	301	10	5.7	0.0	27.5	46
23/10/2023 01:20	4.0	297	7	5.6	0.0	27.5	45
23/10/2023 01:30	4.6	282	6	6.4	0.0	27.6	45
23/10/2023 01:40	4.0	278	7	5.2	0.0	27.2	47
23/10/2023 01:50	4.2	275	6	5.2	0.0	27.0	47
23/10/2023 02:00	3.9	277	6	4.8	0.0	26.9	47
23/10/2023 02:10	3.7	275	6	4.8	0.0	26.8	48
23/10/2023 02:20	4.1	275	4	4.9	0.0	26.7	48
23/10/2023 02:30	4.5	273	4	5.2	0.0	26.7	47
23/10/2023 02:40	4.2	275	6	5.0	0.0	26.7	46
23/10/2023 02:50	4.0	273	7	5.0	0.0	26.8	46
23/10/2023 03:00	4.6	266	5	5.8	0.0	26.9	46
23/10/2023 03:10	4.7	260	6	5.8	0.0	26.9	46
23/10/2023 03:20	5.3	259	4	6.4	0.0	26.3	47
23/10/2023 03:30	4.3	263	5	5.4	0.0	26.3	47
23/10/2023 03:40	2.7	262	10	3.3	0.0	26.2	48
23/10/2023 03:50	2.4	259	10	3.4	0.0	26.2	47
23/10/2023 04:00	4.1	262	5	4.5	0.0	26.3	46
23/10/2023 04:10	4.1	268	6	4.8	0.0	26.5	44
23/10/2023 04:20	3.1	260	8	4.0	0.0	26.6	44
23/10/2023 04:30	4.0	273	4	4.7	0.0	26.5	45
23/10/2023 04:40	4.1	271	4	5.0	0.0	26.7	44
23/10/2023 04:50	3.9	268	5	4.9	0.0	26.7	43
23/10/2023 05:00	3.6	274	5	4.4	0.0	26.6	43
23/10/2023 05:10	3.2	275	6	4.2	0.0	26.6	42
23/10/2023 05:20	2.7	270	6	3.3	0.0	26.3	43
23/10/2023 05:30	1.9	261	5	2.3	0.0	26.0	43
23/10/2023 05:40	1.6	274	7	1.9	0.0	26.1	43
23/10/2023 05:50	2.0	268	4	2.3	0.0	26.0	44
23/10/2023 06:00	0.8	237	18	1.5	0.0	25.7	44
23/10/2023 06:10	1.5	262	14	2.4	0.0	25.7	44
23/10/2023 06:20	0.5	300	62	1.2	0.0	26.0	44
23/10/2023 06:30	0.5	306	31	0.8	0.0	26.6	44
23/10/2023 06:40	0.3	136	58	0.8	0.0	27.5	44
23/10/2023 06:50	0.6	27	39	1.0	0.0	27.7	44
23/10/2023 07:00	0.7	339	64	1.4	0.0	28.4	43
23/10/2023 07:10	0.6	142	63	1.2	0.0	29.9	39
23/10/2023 07:20	1.2	244	25	1.9	0.0	30.3	36
23/10/2023 07:30	1.3	269	21	2.4	0.0	30.6	35
23/10/2023 07:40	1.3	231	18	2.0	0.0	30.9	33
23/10/2023 07:50	2.0	199	22	3.1	0.0	31.3	28
23/10/2023 08:00	1.9	178	17	2.8	0.0	31.8	24



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/10/2023 08:10	1.8	155	23	2.8	0.0	32.6	23
23/10/2023 08:20	2.1	116	18	3.3	0.0	32.8	24
23/10/2023 08:30	2.6	100	10	3.6	0.0	32.1	28
23/10/2023 08:40	2.3	119	15	3.0	0.0	31.9	31
23/10/2023 08:50	2.1	115	14	3.2	0.0	31.9	35
23/10/2023 09:00	2.1	103	17	3.1	0.0	31.5	38
23/10/2023 09:10	2.0	107	17	2.8	0.0	32.0	37
23/10/2023 09:20	2.0	96	16	3.1	0.0	32.2	36
23/10/2023 09:30	2.0	95	23	3.2	0.0	32.7	34
23/10/2023 09:40	1.8	107	23	2.8	0.0	33.1	32
23/10/2023 09:50	1.9	117	27	3.3	0.0	33.3	32
23/10/2023 10:00	1.8	115	16	2.9	0.0	33.8	32
23/10/2023 10:10	1.8	124	19	3.0	0.0	34.5	32
23/10/2023 10:20	1.5	123	18	2.7	0.0	35.0	31
23/10/2023 10:30	1.6	110	20	3.0	0.0	35.3	31
23/10/2023 10:40	1.9	117	21	3.4	0.0	36.1	28
23/10/2023 10:50	1.7	117	23	3.2	0.0	36.9	26
23/10/2023 11:00	2.3	114	17	3.9	0.0	37.3	23
23/10/2023 11:10	2.0	119	27	4.0	0.0	37.7	22
23/10/2023 11:20	1.9	141	30	3.6	0.0	38.1	21
23/10/2023 11:30	2.0	117	19	3.9	0.0	38.3	19
23/10/2023 11:40	2.1	118	21	3.5	0.0	38.8	18
23/10/2023 11:50	2.1	109	25	3.4	0.0	38.9	18
23/10/2023 12:00	2.0	125	23	3.2	0.0	39.3	17
23/10/2023 12:10	2.0	95	32	3.1	0.0	39.9	17
23/10/2023 12:20	1.5	133	40	3.3	0.0	39.7	16
23/10/2023 12:30	1.6	108	55	2.9	0.0	39.9	15
23/10/2023 12:40	3.1	268	23	5.1	0.0	39.3	19
23/10/2023 12:50	3.8	325	12	5.4	0.0	38.5	23
23/10/2023 13:00	4.2	329	14	5.5	0.0	38.0	25
23/10/2023 13:10	4.3	330	9	5.9	0.0	38.0	25
23/10/2023 13:20	5.2	331	8	6.6	0.0	37.4	26
23/10/2023 13:30	4.9	333	11	6.8	0.0	37.2	27
23/10/2023 13:40	4.9	330	10	6.1	0.0	37.4	27
23/10/2023 13:50	5.1	331	7	6.4	0.0	36.6	28
23/10/2023 14:00	4.7	332	11	6.2	0.0	36.9	26
23/10/2023 14:10	5.1	307	11	6.7	0.0	37.0	27
23/10/2023 14:20	5.3	313	10	6.9	0.0	36.7	26
23/10/2023 14:30	5.6	313	5	6.6	0.0	36.3	26
23/10/2023 14:40	5.1	312	8	6.6	0.0	36.4	27
23/10/2023 14:50	5.2	311	8	6.5	0.0	36.4	27
23/10/2023 15:00	5.6	312	9	7.2	0.0	36.2	25
23/10/2023 15:10	5.5	290	10	7.2	0.0	36.7	25
23/10/2023 15:20	5.8	289	7	7.6	0.0	36.9	22
23/10/2023 15:30	5.5	286	9	7.4	0.0	36.7	27
23/10/2023 15:40	6.2	289	9	8.3	0.0	36.4	28
23/10/2023 15:50	6.0	273	10	8.1	0.0	36.0	33
23/10/2023 16:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/10/2023 16:10					0.2	35.0	35
23/10/2023 16:20	6.3	277	9	8.6	0.0	35.3	34
23/10/2023 16:30							
23/10/2023 16:40							
23/10/2023 16:50							
23/10/2023 17:00							
23/10/2023 17:10							
23/10/2023 17:20							
23/10/2023 17:30							
23/10/2023 17:40							
23/10/2023 17:50							
23/10/2023 18:00							
23/10/2023 18:10							
23/10/2023 18:20							
23/10/2023 18:30							
23/10/2023 18:40							
23/10/2023 18:50							
23/10/2023 19:00							
23/10/2023 19:10							
23/10/2023 19:20							
23/10/2023 19:30							
23/10/2023 19:40							
23/10/2023 19:50							
23/10/2023 20:00							
23/10/2023 20:10							
23/10/2023 20:20							
23/10/2023 20:30							
23/10/2023 20:40							
23/10/2023 20:50							
23/10/2023 21:00							
23/10/2023 21:10							
23/10/2023 21:20							
23/10/2023 21:30							
23/10/2023 21:40							
23/10/2023 21:50							
23/10/2023 22:00							
23/10/2023 22:10							
23/10/2023 22:20							
23/10/2023 22:30							
23/10/2023 22:40							
23/10/2023 22:50							
23/10/2023 23:00							
23/10/2023 23:10							
23/10/2023 23:20							
23/10/2023 23:30							
23/10/2023 23:40							
23/10/2023 23:50							
24/10/2023 00:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/10/2023 00:10							
24/10/2023 00:20							
24/10/2023 00:30							
24/10/2023 00:40							
24/10/2023 00:50							
24/10/2023 01:00							
24/10/2023 01:10							
24/10/2023 01:20							
24/10/2023 01:30							
24/10/2023 01:40							
24/10/2023 01:50							
24/10/2023 02:00							
24/10/2023 02:10							
24/10/2023 02:20							
24/10/2023 02:30							
24/10/2023 02:40							
24/10/2023 02:50							
24/10/2023 03:00							
24/10/2023 03:10							
24/10/2023 03:20							
24/10/2023 03:30							
24/10/2023 03:40							
24/10/2023 03:50							
24/10/2023 04:00							
24/10/2023 04:10							
24/10/2023 04:20							
24/10/2023 04:30							
24/10/2023 04:40							
24/10/2023 04:50							
24/10/2023 05:00							
24/10/2023 05:10							
24/10/2023 05:20							
24/10/2023 05:30							
24/10/2023 05:40							
24/10/2023 05:50							
24/10/2023 06:00							
24/10/2023 06:10							
24/10/2023 06:20							
24/10/2023 06:30							
24/10/2023 06:40							
24/10/2023 06:50							
24/10/2023 07:00							
24/10/2023 07:10							
24/10/2023 07:20							
24/10/2023 07:30							
24/10/2023 07:40							
24/10/2023 07:50							
24/10/2023 08:00							



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/10/2023 08:10							
24/10/2023 08:20							
24/10/2023 08:30							
24/10/2023 08:40							
24/10/2023 08:50							
24/10/2023 09:00							
24/10/2023 09:10							
24/10/2023 09:20							
24/10/2023 09:30							
24/10/2023 09:40							
24/10/2023 09:50							
24/10/2023 10:00	32.0	112	23	1000.0	0.2	36.2	18
24/10/2023 10:10	4.3	98	14	6.2	0.0	36.5	18
24/10/2023 10:20	4.5	93	11	6.4	0.0	36.6	18
24/10/2023 10:30	4.5	93	9	5.8	0.0	36.8	18
24/10/2023 10:40	4.1	90	13	6.0	0.0	37.0	19
24/10/2023 10:50	4.3	79	12	5.9	0.0	37.0	19
24/10/2023 11:00	4.4	73	10	6.2	0.0	36.9	18
24/10/2023 11:10	4.7	80	12	6.3	0.0	37.1	18
24/10/2023 11:20	4.9	70	9	6.8	0.0	37.2	16
24/10/2023 11:30	5.2	62	9	6.8	0.0	37.3	15
24/10/2023 11:40	5.1	58	8	6.9	0.0	37.2	16
24/10/2023 11:50	5.0	57	10	6.6	0.0	37.3	15
24/10/2023 12:00	5.3	62	8	6.5	0.0	37.4	15
24/10/2023 12:10	5.0	58	8	6.2	0.0	37.5	15
24/10/2023 12:20	5.1	62	8	6.4	0.0	37.8	14
24/10/2023 12:30	4.6	64	9	6.3	0.0	38.0	13
24/10/2023 12:40	4.9	63	9	6.6	0.0	38.0	13
24/10/2023 12:50	4.8	63	8	6.0	0.0	37.9	13
24/10/2023 13:00	5.3	58	8	6.6	0.0	38.1	13
24/10/2023 13:10	5.0	60	9	6.4	0.0	38.1	13
24/10/2023 13:20	5.1	62	7	6.6	0.0	38.3	12
24/10/2023 13:30	5.2	61	8	6.6	0.0	38.3	13
24/10/2023 13:40	4.5	56	10	6.0	0.0	38.5	11
24/10/2023 13:50	4.8	55	10	6.2	0.0	38.8	11
24/10/2023 14:00	4.8	63	9	6.4	0.0	39.0	11
24/10/2023 14:10	4.5	54	10	6.6	0.0	39.1	11
24/10/2023 14:20	5.0	67	8	6.3	0.0	38.9	11
24/10/2023 14:30	3.4	47	15	5.6	0.0	39.6	10
24/10/2023 14:40	4.5	180	24	6.5	0.0	39.0	16
24/10/2023 14:50	5.0	330	11	7.0	0.0	37.7	25
24/10/2023 15:00	5.3	326	8	6.8	0.0	36.9	24
24/10/2023 15:10	5.0	327	8	6.5	0.0	36.7	26
24/10/2023 15:20	5.4	322	5	6.7	0.0	36.5	25
24/10/2023 15:30	5.4	329	8	6.5	0.0	36.4	22
24/10/2023 15:40	5.3	324	5	6.5	0.0	36.5	22
24/10/2023 15:50	5.2	322	5	6.4	0.0	36.6	23
24/10/2023 16:00	5.3	324	7	6.6	0.0	36.0	22



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/10/2023 16:10	5.5	325	5	6.6	0.0	36.2	18
24/10/2023 16:20	5.5	325	9	6.9	0.0	35.8	20
24/10/2023 16:30	5.5	311	9	7.5	0.0	35.3	24
24/10/2023 16:40	4.8	306	9	6.6	0.0	35.2	26
24/10/2023 16:50	4.6	312	10	6.5	0.0	34.7	31
24/10/2023 17:00	4.4	303	10	6.1	0.0	34.2	35
24/10/2023 17:10	4.9	293	8	6.4	0.0	34.1	35
24/10/2023 17:20	5.4	288	8	7.6	0.0	33.7	36
24/10/2023 17:30	4.9	291	8	6.8	0.0	33.9	30
24/10/2023 17:40	4.4	290	9	6.0	0.0	33.8	29
24/10/2023 17:50	4.9	290	6	6.4	0.0	33.7	27
24/10/2023 18:00	4.9	288	6	6.5	0.0	33.2	31
24/10/2023 18:10	4.8	289	7	6.5	0.0	33.4	26
24/10/2023 18:20	4.6	285	7	6.6	0.0	32.7	32
24/10/2023 18:30	4.2	283	8	5.6	0.0	32.1	39
24/10/2023 18:40	3.7	262	10	4.7	0.0	31.4	45
24/10/2023 18:50	4.0	269	6	5.2	0.0	31.0	47
24/10/2023 19:00	4.4	270	6	5.8	0.0	30.9	45
24/10/2023 19:10	4.7	268	6	6.0	0.0	30.8	45
24/10/2023 19:20	5.3	265	6	6.9	0.0	30.5	47
24/10/2023 19:30	6.1	264	6	8.2	0.0	30.0	51
24/10/2023 19:40	6.2	269	4	8.1	0.0	29.7	51
24/10/2023 19:50	6.8	268	5	8.4	0.0	29.5	51
24/10/2023 20:00	6.2	269	7	8.7	0.0	29.4	52
24/10/2023 20:10	6.1	275	5	8.6	0.0	29.2	52
24/10/2023 20:20	6.0	273	5	7.8	0.0	29.3	50
24/10/2023 20:30	5.7	277	6	7.8	0.0	29.3	49
24/10/2023 20:40	5.7	282	6	7.4	0.0	29.5	47
24/10/2023 20:50	5.6	280	6	7.6	0.0	29.5	47
24/10/2023 21:00	5.1	276	5	6.5	0.0	29.2	49
24/10/2023 21:10	5.7	275	6	7.6	0.0	29.1	51
24/10/2023 21:20	6.2	275	5	7.4	0.0	29.0	51
24/10/2023 21:30	5.6	275	6	7.2	0.0	28.9	52
24/10/2023 21:40	5.5	273	5	7.4	0.0	28.8	51
24/10/2023 21:50	5.5	274	5	6.8	0.0	28.8	51
24/10/2023 22:00	5.7	274	6	7.6	0.0	28.7	51
24/10/2023 22:10	6.0	270	6	7.6	0.0	28.7	51
24/10/2023 22:20	5.8	270	6	7.6	0.0	28.6	52
24/10/2023 22:30	6.2	274	5	8.0	0.0	28.5	52
24/10/2023 22:40	6.0	270	6	8.1	0.0	28.5	53
24/10/2023 22:50	6.2	271	6	8.3	0.0	28.5	52
24/10/2023 23:00	5.6	268	6	7.3	0.0	28.6	51
24/10/2023 23:10	5.3	265	7	7.3	0.0	28.5	52
24/10/2023 23:20	6.4	264	5	8.0	0.0	28.6	52
24/10/2023 23:30	5.9	263	5	7.1	0.0	28.3	52
24/10/2023 23:40	5.6	260	5	7.4	0.0	28.1	52
24/10/2023 23:50	5.5	264	6	7.3	0.0	27.9	52
25/10/2023 00:00	5.4	265	6	7.3	0.0	27.8	52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/10/2023 00:10	6.1	267	7	7.7	0.0	27.8	51
25/10/2023 00:20	5.9	266	5	7.6	0.0	27.8	51
25/10/2023 00:30	5.6	262	5	7.0	0.0	27.7	51
25/10/2023 00:40	6.1	257	6	7.7	0.0	27.6	50
25/10/2023 00:50	6.2	257	5	8.1	0.0	27.5	49
25/10/2023 01:00	5.9	258	5	7.4	0.0	27.3	49
25/10/2023 01:10	5.3	258	5	6.5	0.0	27.1	49
25/10/2023 01:20	5.1	261	5	6.3	0.0	27.0	49
25/10/2023 01:30	4.7	260	5	6.0	0.0	26.8	49
25/10/2023 01:40	4.4	264	6	5.8	0.0	26.6	49
25/10/2023 01:50	4.4	265	4	6.1	0.0	26.3	49
25/10/2023 02:00	3.9	268	4	4.9	0.0	26.0	50
25/10/2023 02:10	3.9	268	3	4.8	0.0	25.9	50
25/10/2023 02:20	3.8	268	3	4.5	0.0	25.7	49
25/10/2023 02:30	3.7	267	3	4.5	0.0	25.5	49
25/10/2023 02:40	3.8	268	2	4.6	0.0	25.3	50
25/10/2023 02:50	4.0	269	2	4.5	0.0	25.3	49
25/10/2023 03:00	3.6	268	2	4.2	0.0	25.3	49
25/10/2023 03:10	3.2	269	3	3.8	0.0	25.3	49
25/10/2023 03:20	3.0	266	5	3.6	0.0	25.3	49
25/10/2023 03:30	3.2	264	4	3.6	0.0	25.2	49
25/10/2023 03:40	3.8	267	2	4.3	0.0	25.1	49
25/10/2023 03:50	4.0	271	3	4.7	0.0	25.3	46
25/10/2023 04:00	4.4	272	2	5.0	0.0	25.4	45
25/10/2023 04:10	3.0	257	10	4.2	0.0	26.4	41
25/10/2023 04:20	2.3	244	12	3.4	0.0	26.5	41
25/10/2023 04:30	2.3	260	10	3.2	0.0	26.6	41
25/10/2023 04:40	2.3	270	6	2.8	0.0	26.2	44
25/10/2023 04:50	2.4	275	6	3.1	0.0	26.4	42
25/10/2023 05:00	2.5	267	6	3.2	0.0	26.7	40
25/10/2023 05:10	2.7	264	8	3.4	0.0	26.7	39
25/10/2023 05:20	2.7	267	11	3.5	0.0	26.4	37
25/10/2023 05:30	2.9	275	9	4.7	0.0	26.4	36
25/10/2023 05:40	2.8	262	13	4.1	0.0	27.0	33
25/10/2023 05:50	2.8	257	14	4.3	0.0	27.1	32
25/10/2023 06:00	3.5	266	8	4.6	0.0	27.2	30
25/10/2023 06:10	2.1	253	13	3.1	0.0	27.5	30
25/10/2023 06:20	2.1	244	23	3.4	0.0	27.6	30
25/10/2023 06:30	2.5	206	16	4.3	0.0	29.1	21
25/10/2023 06:40	2.8	233	17	4.4	0.0	29.4	24
25/10/2023 06:50	3.6	208	11	5.2	0.0	30.1	19
25/10/2023 07:00	3.9	196	12	6.3	0.0	30.8	17
25/10/2023 07:10	4.4	188	12	6.3	0.0	31.2	17
25/10/2023 07:20	4.9	185	11	7.4	0.0	31.3	17
25/10/2023 07:30	5.2	179	10	7.8	0.0	31.4	18
25/10/2023 07:40	4.1	173	16	6.3	0.0	31.7	18
25/10/2023 07:50	3.1	144	14	5.3	0.0	32.4	16
25/10/2023 08:00	3.4	142	13	6.3	0.0	32.6	15



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/10/2023 08:10	4.1	143	14	6.8	0.0	32.6	15
25/10/2023 08:20	4.3	137	10	6.8	0.0	32.5	17
25/10/2023 08:30	3.5	124	20	5.6	0.0	33.0	17
25/10/2023 08:40	3.3	109	13	5.7	0.0	33.0	24
25/10/2023 08:50	3.6	108	15	5.7	0.0	33.1	26
25/10/2023 09:00	4.4	107	13	7.0	0.0	33.6	27
25/10/2023 09:10	4.7	105	12	7.1	0.0	34.0	27
25/10/2023 09:20	4.9	104	12	7.5	0.0	34.2	28
25/10/2023 09:30	5.3	102	12	7.6	0.0	34.5	27
25/10/2023 09:40	6.0	88	9	8.4	0.0	34.4	31
25/10/2023 09:50	6.3	88	7	8.0	0.0	34.4	30
25/10/2023 10:00	6.3	91	7	8.5	0.0	34.6	28
25/10/2023 10:10	5.9	90	7	7.7	0.0	34.9	28
25/10/2023 10:20	5.9	94	8	8.0	0.0	35.3	26
25/10/2023 10:30	5.7	91	7	7.3	0.0	35.3	26
25/10/2023 10:40	5.0	91	13	7.4	0.0	35.8	26
25/10/2023 10:50	7.3	75	7	9.8	0.0	35.2	25
25/10/2023 11:00	7.3	82	8	9.8	0.0	35.4	25
25/10/2023 11:10	7.0	75	9	9.9	0.0	35.6	26
25/10/2023 11:20	6.9	77	9	9.6	0.0	35.6	27
25/10/2023 11:30	7.8	75	6	10.3	0.0	35.1	26
25/10/2023 11:40	7.2	72	8	9.9	0.0	35.4	27
25/10/2023 11:50	7.2	77	10	10.1	0.0	35.5	25
25/10/2023 12:00	6.5	70	10	9.9	0.0	35.7	26
25/10/2023 12:10	6.4	67	10	8.4	0.0	35.8	26
25/10/2023 12:20	6.6	61	9	9.1	0.0	35.6	27
25/10/2023 12:30	6.6	58	9	8.5	0.0	35.7	26
25/10/2023 12:40	6.0	57	10	8.7	0.0	35.5	29
25/10/2023 12:50	6.0	52	9	8.3	0.0	35.8	27
25/10/2023 13:00	6.3	50	7	8.3	0.0	35.6	26
25/10/2023 13:10	6.7	52	7	8.3	0.0	35.7	24
25/10/2023 13:20	7.1	55	6	9.0	0.0	35.8	23
25/10/2023 13:30	7.0	56	7	8.7	0.0	36.1	23
25/10/2023 13:40	6.5	57	8	8.8	0.0	36.8	22
25/10/2023 13:50	6.6	58	8	8.8	0.0	36.9	21
25/10/2023 14:00	6.6	57	8	8.8	0.0	37.3	20
25/10/2023 14:10	6.7	58	8	8.8	0.0	37.1	21
25/10/2023 14:20	6.8	58	7	8.4	0.0	37.2	21
25/10/2023 14:30	6.0	56	7	7.7	0.0	37.4	20
25/10/2023 14:40	5.8	62	8	7.8	0.0	37.8	20
25/10/2023 14:50	5.7	59	10	7.4	0.0	37.8	19
25/10/2023 15:00	5.6	57	9	7.3	0.0	37.7	20
25/10/2023 15:10	5.6	58	6	7.1	0.0	37.1	21
25/10/2023 15:20	4.8	64	7	6.0	0.0	37.6	22
25/10/2023 15:30	3.8	35	23	5.6	0.0	38.1	24
25/10/2023 15:40	4.4	18	13	7.0	0.0	37.5	25
25/10/2023 15:50	4.6	23	12	7.0	0.0	37.6	23
25/10/2023 16:00	6.3	10	6	7.9	0.0	36.4	27



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/10/2023 16:10	5.7	12	8	7.7	0.0	35.8	29
25/10/2023 16:20	5.9	14	7	7.4	0.0	35.2	32
25/10/2023 16:30	5.4	16	7	6.9	0.0	35.0	34
25/10/2023 16:40	5.9	15	7	7.6	0.0	34.5	37
25/10/2023 16:50	5.4	13	8	6.5	0.0	34.1	38
25/10/2023 17:00	5.6	11	8	7.2	0.0	33.7	38
25/10/2023 17:10	5.5	12	7	6.9	0.0	33.4	38
25/10/2023 17:20	4.7	9	8	6.1	0.0	33.3	40
25/10/2023 17:30	4.0	180	7	6.0	0.0	33.2	40
25/10/2023 17:40	4.2	285	21	5.9	0.0	32.5	44
25/10/2023 17:50	5.6	275	10	7.3	0.0	30.5	52
25/10/2023 18:00	5.6	278	7	7.4	0.0	30.3	49
25/10/2023 18:10	5.2	286	11	6.7	0.0	30.7	45
25/10/2023 18:20	5.0	274	8	6.9	0.0	30.7	47
25/10/2023 18:30	6.3	267	7	8.3	0.0	30.1	51
25/10/2023 18:40	5.4	268	8	7.0	0.0	30.0	50
25/10/2023 18:50	6.5	265	7	8.3	0.0	29.6	53
25/10/2023 19:00	5.7	265	7	7.8	0.0	29.5	52
25/10/2023 19:10	5.1	260	8	7.0	0.0	29.6	51
25/10/2023 19:20	6.0	260	5	7.4	0.0	29.6	51
25/10/2023 19:30	5.9	262	5	7.3	0.0	29.7	49
25/10/2023 19:40	4.7	255	7	6.8	0.0	29.7	49
25/10/2023 19:50	5.0	261	6	6.5	0.0	29.7	48
25/10/2023 20:00	5.4	261	5	6.7	0.0	29.7	48
25/10/2023 20:10	5.0	257	5	6.5	0.0	29.7	48
25/10/2023 20:20	4.8	251	6	5.9	0.0	29.6	49
25/10/2023 20:30	4.8	254	6	6.1	0.0	29.4	49
25/10/2023 20:40	4.4	262	6	5.7	0.0	29.4	50
25/10/2023 20:50	4.6	263	6	6.0	0.0	29.4	50
25/10/2023 21:00	4.5	261	6	5.7	0.0	29.4	50
25/10/2023 21:10	4.4	270	6	5.7	0.0	29.3	50
25/10/2023 21:20	4.1	269	6	5.4	0.0	29.3	50
25/10/2023 21:30	4.0	281	6	5.3	0.0	29.2	50
25/10/2023 21:40	4.2	281	6	5.6	0.0	29.1	52
25/10/2023 21:50	4.1	287	7	5.5	0.0	29.0	53
25/10/2023 22:00	5.0	289	7	6.3	0.0	29.3	51
25/10/2023 22:10	4.4	286	7	5.7	0.0	29.0	52
25/10/2023 22:20	4.5	281	6	5.7	0.0	28.8	53
25/10/2023 22:30	4.4	283	7	5.5	0.0	28.6	54
25/10/2023 22:40	4.4	279	5	5.3	0.0	28.4	55
25/10/2023 22:50	4.1	275	6	5.4	0.0	28.3	55
25/10/2023 23:00	4.2	274	6	5.4	0.0	28.2	56
25/10/2023 23:10	3.9	280	7	5.1	0.0	28.2	56
25/10/2023 23:20	4.2	277	5	5.6	0.0	28.2	56
25/10/2023 23:30	4.7	277	6	6.1	0.0	28.2	56
25/10/2023 23:40	4.2	276	5	5.4	0.0	28.2	56
25/10/2023 23:50	4.2	275	5	5.1	0.0	28.1	56
26/10/2023 00:00	4.5	270	5	5.5	0.0	28.1	55



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/10/2023 00:10	4.2	264	6	5.3	0.0	28.2	55
26/10/2023 00:20	4.2	259	5	5.7	0.0	28.2	52
26/10/2023 00:30	4.5	259	6	5.5	0.0	28.1	51
26/10/2023 00:40	4.9	257	6	6.3	0.0	28.1	51
26/10/2023 00:50	4.6	255	4	5.4	0.0	27.9	52
26/10/2023 01:00	4.7	254	4	5.5	0.0	27.3	53
26/10/2023 01:10	5.3	256	3	6.4	0.0	27.2	53
26/10/2023 01:20	4.6	255	4	5.7	0.0	27.0	53
26/10/2023 01:30	4.4	255	6	5.6	0.0	27.0	54
26/10/2023 01:40	4.4	257	6	5.6	0.0	27.2	54
26/10/2023 01:50	4.3	254	6	5.5	0.0	27.2	55
26/10/2023 02:00	3.6	253	6	4.6	0.0	27.0	55
26/10/2023 02:10	3.5	254	5	4.3	0.0	26.7	56
26/10/2023 02:20	3.7	254	4	4.4	0.0	26.5	56
26/10/2023 02:30	3.9	256	4	4.6	0.0	26.4	56
26/10/2023 02:40	3.8	256	4	4.8	0.0	26.5	56
26/10/2023 02:50	4.6	261	5	5.8	0.0	26.8	56
26/10/2023 03:00	3.9	260	4	4.8	0.0	26.8	55
26/10/2023 03:10	3.4	256	6	4.6	0.0	26.7	54
26/10/2023 03:20	3.6	257	7	4.7	0.0	26.7	53
26/10/2023 03:30	4.7	257	5	6.0	0.0	26.9	51
26/10/2023 03:40	4.8	256	5	6.0	0.0	26.8	51
26/10/2023 03:50	4.7	261	5	5.8	0.0	26.7	52
26/10/2023 04:00	4.3	272	5	5.4	0.0	26.5	52
26/10/2023 04:10	4.1	274	5	5.1	0.0	26.6	52
26/10/2023 04:20	3.9	275	4	4.9	0.0	26.6	51
26/10/2023 04:30	3.2	257	8	4.3	0.0	26.5	51
26/10/2023 04:40	1.9	266	8	2.5	0.0	26.3	51
26/10/2023 04:50	2.7	273	6	3.3	0.0	26.1	52
26/10/2023 05:00	3.1	255	5	3.9	0.0	26.1	52
26/10/2023 05:10	3.5	256	5	4.2	0.0	26.0	53
26/10/2023 05:20	2.8	264	6	3.5	0.0	25.6	54
26/10/2023 05:30	2.9	271	3	3.3	0.0	25.3	54
26/10/2023 05:40	2.3	245	13	3.3	0.0	25.4	54
26/10/2023 05:50	1.2	260	31	2.1	0.0	25.7	52
26/10/2023 06:00	0.7	107	36	2.1	0.0	26.0	49
26/10/2023 06:10	1.4	125	30	2.8	0.0	26.5	46
26/10/2023 06:20	1.1	162	30	2.6	0.0	27.1	41
26/10/2023 06:30	2.1	115	16	4.1	0.0	28.2	34
26/10/2023 06:40	2.6	110	13	4.1	0.0	28.2	37
26/10/2023 06:50	3.0	111	10	4.3	0.0	27.9	42
26/10/2023 07:00	2.9	109	10	4.1	0.0	27.6	46
26/10/2023 07:10	2.9	105	9	4.0	0.0	27.6	48
26/10/2023 07:20	2.8	104	10	4.2	0.0	28.0	49
26/10/2023 07:30	3.3	105	10	4.7	0.0	28.3	48
26/10/2023 07:40	3.0	107	11	4.4	0.0	28.7	46
26/10/2023 07:50	3.3	106	12	4.8	0.0	29.4	41
26/10/2023 08:00	3.3	110	10	4.4	0.0	29.6	43



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/10/2023 08:10	3.3	106	11	5.2	0.0	30.0	42
26/10/2023 08:20	3.9	113	10	5.5	0.0	30.2	39
26/10/2023 08:30	4.0	107	11	5.8	0.0	30.7	38
26/10/2023 08:40	4.6	99	11	6.7	0.0	31.2	37
26/10/2023 08:50	5.0	102	11	7.8	0.0	31.9	35
26/10/2023 09:00	4.7	98	12	6.9	0.0	32.0	37
26/10/2023 09:10	5.0	92	11	7.0	0.0	32.0	40
26/10/2023 09:20	4.9	93	9	6.9	0.0	32.7	40
26/10/2023 09:30	6.6	92	8	9.4	0.0	33.4	38
26/10/2023 09:40	6.9	81	10	9.5	0.0	33.9	35
26/10/2023 09:50	5.9	84	9	8.8	0.0	34.5	32
26/10/2023 10:00	6.1	85	9	8.7	0.0	35.0	30
26/10/2023 10:10	7.3	86	9	10.8	0.0	34.9	30
26/10/2023 10:20	6.7	85	9	10.1	0.0	35.2	29
26/10/2023 10:30	7.2	83	9	10.3	0.0	35.0	29
26/10/2023 10:40	7.5	84	9	10.9	0.0	35.3	29
26/10/2023 10:50	8.1	75	9	11.6	0.0	34.8	29
26/10/2023 11:00	8.1	73	7	11.0	0.0	34.8	29
26/10/2023 11:10	8.4	74	7	12.0	0.0	34.7	30
26/10/2023 11:20	8.6	77	8	12.0	0.0	34.4	30
26/10/2023 11:30	8.6	84	8	11.4	0.0	34.7	29
26/10/2023 11:40	7.0	78	10	11.0	0.0	35.0	29
26/10/2023 11:50	6.0	68	12	8.2	0.0	35.5	28
26/10/2023 12:00	6.8	61	8	9.1	0.0	35.2	29
26/10/2023 12:10	6.4	70	10	10.7	0.0	35.4	27
26/10/2023 12:20	6.2	77	10	9.6	0.0	36.0	24
26/10/2023 12:30	7.1	79	11	9.5	0.0	36.1	21
26/10/2023 12:40	6.6	79	9	9.1	0.0	36.5	20
26/10/2023 12:50	5.8	74	9	8.5	0.0	36.7	19
26/10/2023 13:00	5.9	70	9	8.2	0.0	36.8	18
26/10/2023 13:10	5.9	63	9	7.8	0.0	36.5	18
26/10/2023 13:20	5.4	65	9	7.4	0.0	36.6	18
26/10/2023 13:30	5.3	71	10	7.4	0.0	36.9	19
26/10/2023 13:40	5.1	67	9	6.9	0.0	36.9	18
26/10/2023 13:50	5.2	67	8	7.2	0.0	36.8	17
26/10/2023 14:00	5.4	66	8	7.3	0.0	36.9	17
26/10/2023 14:10	5.5	66	9	7.5	0.0	36.8	19
26/10/2023 14:20	5.4	67	9	8.1	0.0	36.9	21
26/10/2023 14:30	5.3	70	9	7.2	0.0	37.1	20
26/10/2023 14:40	5.6	66	9	7.8	0.0	36.8	20
26/10/2023 14:50	6.1	70	9	8.6	0.0	36.8	19
26/10/2023 15:00	6.0	68	9	8.6	0.0	36.9	19
26/10/2023 15:10	5.7	68	9	8.2	0.0	37.2	19
26/10/2023 15:20	5.8	66	8	7.5	0.0	37.1	19
26/10/2023 15:30	6.2	68	10	8.3	0.0	37.0	19
26/10/2023 15:40	6.3	64	7	8.4	0.0	36.9	19
26/10/2023 15:50	6.2	67	8	8.5	0.0	36.7	20
26/10/2023 16:00	5.4	60	10	7.2	0.0	36.6	20



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/10/2023 16:10	5.8	59	8	7.9	0.0	36.2	21
26/10/2023 16:20	5.2	63	8	7.3	0.0	36.0	21
26/10/2023 16:30	4.9	58	9	6.5	0.0	36.0	21
26/10/2023 16:40	4.1	49	10	6.0	0.0	35.8	22
26/10/2023 16:50	4.1	51	9	5.7	0.0	35.9	21
26/10/2023 17:00	4.1	66	9	5.9	0.0	35.8	21
26/10/2023 17:10	3.7	51	7	5.1	0.0	35.6	22
26/10/2023 17:20	3.1	57	7	3.9	0.0	35.4	23
26/10/2023 17:30	3.1	66	7	4.3	0.0	35.0	25
26/10/2023 17:40	3.6	65	7	5.0	0.0	34.4	26
26/10/2023 17:50	2.1	57	13	3.4	0.0	33.9	28
26/10/2023 18:00	2.8	56	9	3.9	0.0	33.5	29
26/10/2023 18:10	3.1	55	7	4.1	0.0	33.1	29
26/10/2023 18:20	2.4	62	8	3.3	0.0	33.0	28
26/10/2023 18:30	1.7	198	12	2.2	0.0	32.7	29
26/10/2023 18:40	1.6	271	24	2.3	0.0	33.1	29
26/10/2023 18:50	1.4	274	10	1.8	0.0	33.0	29
26/10/2023 19:00	1.6	270	6	1.8	0.0	33.0	29
26/10/2023 19:10	1.7	257	7	2.3	0.0	32.1	35
26/10/2023 19:20	2.2	257	6	3.2	0.0	31.7	38
26/10/2023 19:30	4.4	260	6	5.9	0.0	30.9	49
26/10/2023 19:40	3.1	263	7	3.8	0.0	30.8	47
26/10/2023 19:50	3.1	272	7	4.4	0.0	30.9	47
26/10/2023 20:00	4.5	281	7	5.9	0.0	30.5	52
26/10/2023 20:10	4.5	268	7	6.4	0.0	30.1	53
26/10/2023 20:20	5.1	264	6	6.5	0.0	29.9	53
26/10/2023 20:30	4.7	261	7	6.3	0.0	29.9	52
26/10/2023 20:40	4.5	263	5	6.0	0.0	29.9	52
26/10/2023 20:50	3.6	256	5	4.5	0.0	29.8	52
26/10/2023 21:00	3.7	255	7	4.6	0.0	29.6	52
26/10/2023 21:10	3.5	258	7	4.5	0.0	29.6	51
26/10/2023 21:20	3.8	259	6	5.1	0.0	29.6	50
26/10/2023 21:30	3.8	260	5	5.3	0.0	29.7	48
26/10/2023 21:40	3.3	261	6	4.2	0.0	29.7	46
26/10/2023 21:50	3.2	266	6	4.2	0.0	29.7	45
26/10/2023 22:00	3.2	254	5	4.1	0.0	29.6	45
26/10/2023 22:10	3.3	260	5	4.0	0.0	29.4	45
26/10/2023 22:20	3.5	261	4	4.2	0.0	29.6	42
26/10/2023 22:30	3.2	266	7	4.2	0.0	29.6	41
26/10/2023 22:40	3.6	264	6	4.5	0.0	29.8	38
26/10/2023 22:50	3.0	260	6	4.0	0.0	29.9	37
26/10/2023 23:00	2.7	260	5	3.5	0.0	29.9	35
26/10/2023 23:10	2.5	262	4	3.0	0.0	30.0	34
26/10/2023 23:20	2.6	259	4	3.1	0.0	30.2	33
26/10/2023 23:30	2.3	260	4	2.8	0.0	30.1	32
26/10/2023 23:40	1.1	245	23	1.8	0.0	30.0	33
26/10/2023 23:50	1.3	254	16	2.0	0.0	29.8	32
27/10/2023 00:00	2.1	251	12	3.2	0.0	29.9	32



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/10/2023 00:10	1.6	251	23	2.6	0.0	30.2	31
27/10/2023 00:20	1.4	247	20	2.2	0.0	30.3	29
27/10/2023 00:30	1.8	261	13	2.6	0.0	30.3	28
27/10/2023 00:40	2.8	272	6	3.6	0.0	30.7	27
27/10/2023 00:50	2.6	273	8	3.7	0.0	30.8	28
27/10/2023 01:00	2.8	278	7	3.6	0.0	30.8	29
27/10/2023 01:10	2.4	277	8	3.3	0.0	31.1	28
27/10/2023 01:20	2.4	280	7	3.2	0.0	30.9	29
27/10/2023 01:30	2.2	272	11	3.1	0.0	30.9	29
27/10/2023 01:40	2.2	278	9	3.1	0.0	30.9	28
27/10/2023 01:50	2.0	287	10	2.9	0.0	30.9	28
27/10/2023 02:00	1.7	289	19	2.8	0.0	30.9	27
27/10/2023 02:10	2.0	273	30	3.8	0.0	31.0	27
27/10/2023 02:20	1.8	258	37	3.7	0.0	31.2	25
27/10/2023 02:30	1.8	260	54	3.3	0.0	31.1	25
27/10/2023 02:40	0.6	174	61	2.0	0.0	30.4	26
27/10/2023 02:50	1.3	204	46	2.8	0.0	30.6	25
27/10/2023 03:00	1.5	174	52	3.4	0.0	30.9	23
27/10/2023 03:10	2.0	121	59	4.2	0.0	30.8	23
27/10/2023 03:20	2.7	175	25	5.3	0.0	31.3	22
27/10/2023 03:30	2.4	158	36	3.9	0.0	31.3	23
27/10/2023 03:40	1.1	95	71	2.4	0.0	30.6	22
27/10/2023 03:50	1.6	62	22	2.4	0.0	29.9	23
27/10/2023 04:00	1.2	35	34	2.1	0.0	29.2	23
27/10/2023 04:10	1.9	97	20	2.8	0.0	29.4	23
27/10/2023 04:20	2.5	88	12	3.7	0.0	28.5	26
27/10/2023 04:30	2.1	102	17	3.0	0.0	28.7	25
27/10/2023 04:40	2.0	98	19	2.9	0.0	29.2	24
27/10/2023 04:50	2.1	77	10	2.8	0.0	28.2	27
27/10/2023 05:00	2.4	86	7	3.3	0.0	27.8	27
27/10/2023 05:10	2.3	82	6	2.9	0.0	27.5	30
27/10/2023 05:20	2.0	102	9	2.6	0.0	27.4	34
27/10/2023 05:30	1.8	95	8	2.3	0.0	27.2	36
27/10/2023 05:40	2.0	95	5	2.3	0.0	26.6	41
27/10/2023 05:50	1.4	111	14	2.1	0.0	26.2	47
27/10/2023 06:00	1.6	93	12	2.1	0.0	26.5	47
27/10/2023 06:10	2.0	79	8	2.5	0.0	26.5	47
27/10/2023 06:20	2.2	98	7	2.8	0.0	26.9	46
27/10/2023 06:30	2.4	107	10	3.1	0.0	27.8	45
27/10/2023 06:40	2.5	103	10	3.3	0.0	28.1	47
27/10/2023 06:50	2.4	100	9	3.2	0.0	28.3	48
27/10/2023 07:00	2.7	96	8	3.6	0.0	28.7	50
27/10/2023 07:10	2.5	100	9	3.2	0.0	29.0	50
27/10/2023 07:20	2.1	107	11	3.1	0.0	29.5	50
27/10/2023 07:30	2.5	105	11	3.7	0.0	29.9	49
27/10/2023 07:40	2.6	105	11	3.9	0.0	30.2	49
27/10/2023 07:50	2.7	106	11	4.4	0.0	30.3	50
27/10/2023 08:00	3.3	109	12	5.0	0.0	30.6	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/10/2023 08:10	3.5	107	11	4.9	0.0	31.0	41
27/10/2023 08:20	3.3	108	9	4.9	0.0	31.1	41
27/10/2023 08:30	3.2	107	11	4.5	0.0	31.3	39
27/10/2023 08:40	3.2	108	10	4.8	0.0	31.6	36
27/10/2023 08:50	2.9	100	13	4.1	0.0	31.9	34
27/10/2023 09:00	2.5	102	14	4.0	0.0	32.3	32
27/10/2023 09:10	2.3	102	13	3.8	0.0	32.8	30
27/10/2023 09:20	2.6	102	15	4.2	0.0	33.1	27
27/10/2023 09:30	2.6	106	13	4.1	0.0	33.6	26
27/10/2023 09:40	3.0	104	13	4.6	0.0	34.2	26
27/10/2023 09:50	3.7	97	10	5.6	0.0	35.0	24
27/10/2023 10:00	4.2	91	11	5.8	0.0	35.2	24
27/10/2023 10:10	4.8	91	8	6.5	0.0	35.6	25
27/10/2023 10:20	4.7	91	11	6.5	0.0	35.5	26
27/10/2023 10:30	5.8	75	9	8.3	0.0	35.2	30
27/10/2023 10:40	6.4	80	9	9.8	0.0	34.8	31
27/10/2023 10:50	6.4	76	10	9.5	0.0	35.0	32
27/10/2023 11:00	6.8	80	9	10.1	0.0	35.0	34
27/10/2023 11:10	7.2	81	9	10.0	0.0	35.0	34
27/10/2023 11:20	7.3	82	9	9.8	0.0	34.5	37
27/10/2023 11:30	6.6	75	11	9.9	0.0	34.7	38
27/10/2023 11:40	6.6	82	9	9.7	0.0	35.6	32
27/10/2023 11:50	7.0	83	10	9.9	0.0	35.7	32
27/10/2023 12:00	6.7	80	9	9.5	0.0	35.4	34
27/10/2023 12:10	7.2	80	7	10.0	0.0	35.6	32
27/10/2023 12:20	6.9	80	9	9.8	0.0	35.9	31
27/10/2023 12:30	7.7	79	7	10.9	0.0	35.8	30
27/10/2023 12:40	7.1	81	9	10.5	0.0	36.0	29
27/10/2023 12:50	6.9	81	10	10.0	0.0	36.4	28
27/10/2023 13:00	7.3	84	10	10.6	0.0	36.5	27
27/10/2023 13:10	7.4	81	8	10.3	0.0	36.4	27
27/10/2023 13:20	7.0	79	9	9.6	0.0	36.3	27
27/10/2023 13:30	7.8	77	7	10.4	0.0	35.8	28
27/10/2023 13:40	7.8	80	7	10.6	0.0	35.9	27
27/10/2023 13:50	7.1	80	8	9.9	0.0	35.9	27
27/10/2023 14:00	7.0	82	7	9.2	0.0	36.1	28
27/10/2023 14:10	7.2	73	8	9.9	0.0	35.7	30
27/10/2023 14:20	6.9	71	9	9.8	0.0	35.7	29
27/10/2023 14:30	7.2	67	8	9.8	0.0	35.5	29
27/10/2023 14:40	7.0	66	8	10.2	0.0	35.4	30
27/10/2023 14:50	6.4	64	9	8.7	0.0	35.2	33
27/10/2023 15:00	6.9	64	9	9.4	0.0	34.8	35
27/10/2023 15:10	6.4	63	9	8.5	0.0	34.7	36
27/10/2023 15:20	6.3	63	9	8.8	0.0	34.5	37
27/10/2023 15:30	6.5	61	8	8.9	0.0	34.3	37
27/10/2023 15:40	6.7	60	8	8.9	0.0	34.1	39
27/10/2023 15:50	6.2	62	8	8.6	0.0	33.5	43
27/10/2023 16:00	5.9	66	8	7.9	0.0	33.2	45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/10/2023 16:10	5.4	60	8	7.3	0.0	33.2	45
27/10/2023 16:20	5.2	61	8	7.5	0.0	33.2	45
27/10/2023 16:30	5.9	61	8	8.0	0.0	33.1	44
27/10/2023 16:40	5.5	61	8	7.6	0.0	32.9	45
27/10/2023 16:50	5.9	59	7	8.0	0.0	32.5	46
27/10/2023 17:00	5.0	56	7	6.5	0.0	32.4	47
27/10/2023 17:10	4.8	58	7	6.6	0.0	32.1	48
27/10/2023 17:20	4.4	62	7	6.1	0.0	31.7	49
27/10/2023 17:30	3.8	56	7	5.2	0.0	31.7	48
27/10/2023 17:40	3.1	59	9	4.1	0.0	31.8	48
27/10/2023 17:50	2.9	63	10	3.9	0.0	31.5	48
27/10/2023 18:00	2.8	67	10	3.9	0.0	31.4	48
27/10/2023 18:10	2.0	78	7	2.7	0.0	31.0	49
27/10/2023 18:20	1.5	67	14	2.3	0.0	30.6	50
27/10/2023 18:30	2.3	57	8	3.1	0.0	30.1	53
27/10/2023 18:40	2.3	54	8	3.1	0.0	29.8	54
27/10/2023 18:50	1.5	77	12	2.4	0.0	29.8	53
27/10/2023 19:00	0.8	139	33	1.3	0.0	29.7	53
27/10/2023 19:10	0.9	191	13	1.4	0.0	29.8	51
27/10/2023 19:20	1.1	169	16	1.5	0.0	30.6	46
27/10/2023 19:30	1.0	186	16	1.6	0.0	30.4	47
27/10/2023 19:40	0.7	240	31	1.1	0.0	30.4	43
27/10/2023 19:50	1.4	351	18	2.1	0.0	31.5	38
27/10/2023 20:00	3.5	182	8	5.2	0.0	31.6	38
27/10/2023 20:10	4.1	6	6	5.4	0.0	31.8	38
27/10/2023 20:20	3.6	5	10	4.8	0.0	31.8	37
27/10/2023 20:30	1.9	20	45	3.9	0.0	31.4	40
27/10/2023 20:40	1.0	135	29	1.5	0.0	30.4	44
27/10/2023 20:50	0.5	128	21	0.9	0.0	30.0	44
27/10/2023 21:00	0.7	120	19	1.3	0.0	30.1	45
27/10/2023 21:10	0.4	199	55	0.8	0.0	29.5	48
27/10/2023 21:20	0.5	255	15	0.8	0.0	29.3	46
27/10/2023 21:30	0.7	255	12	1.1	0.0	29.0	46
27/10/2023 21:40	0.4	247	22	0.6	0.0	29.1	47
27/10/2023 21:50	0.3	135	52	0.9	0.0	28.7	47
27/10/2023 22:00	0.9	96	14	1.0	0.0	28.2	48
27/10/2023 22:10	0.7	112	28	1.0	0.0	28.2	51
27/10/2023 22:20	0.5	84	32	0.9	0.0	28.3	55
27/10/2023 22:30	1.0	70	10	1.4	0.0	27.9	52
27/10/2023 22:40	1.5	63	8	1.9	0.0	27.6	52
27/10/2023 22:50	1.3	87	14	1.8	0.0	27.8	56
27/10/2023 23:00	1.4	72	15	2.2	0.0	28.0	59
27/10/2023 23:10	1.0	141	33	1.8	0.0	28.0	59
27/10/2023 23:20	1.5	208	23	2.0	0.0	27.7	57
27/10/2023 23:30	0.7	95	57	1.3	0.0	27.6	58
27/10/2023 23:40	0.8	56	25	1.2	0.0	27.8	58
27/10/2023 23:50	0.9	71	10	1.2	0.0	27.7	57
28/10/2023 00:00	1.1	74	8	1.5	0.0	27.5	58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/10/2023 00:10	0.8	74	15	1.2	0.0	27.3	58
28/10/2023 00:20	1.2	120	16	1.8	0.0	27.4	58
28/10/2023 00:30	1.2	126	24	1.9	0.0	27.7	57
28/10/2023 00:40	1.4	72	11	1.8	0.0	27.4	57
28/10/2023 00:50	1.1	71	12	1.6	0.0	27.2	57
28/10/2023 01:00	0.9	62	10	1.3	0.0	27.1	58
28/10/2023 01:10	1.4	57	10	1.9	0.0	27.1	58
28/10/2023 01:20	0.8	72	13	1.1	0.0	27.1	57
28/10/2023 01:30	1.1	48	3	1.3	0.0	27.2	57
28/10/2023 01:40	1.4	53	3	1.6	0.0	27.1	57
28/10/2023 01:50	1.3	58	6	1.7	0.0	26.9	57
28/10/2023 02:00	0.9	66	11	1.2	0.0	26.7	57
28/10/2023 02:10	1.3	57	6	1.6	0.0	26.5	57
28/10/2023 02:20	0.9	60	8	1.3	0.0	26.4	57
28/10/2023 02:30	1.1	61	7	1.6	0.0	26.4	57
28/10/2023 02:40	0.8	49	9	1.2	0.0	26.4	56
28/10/2023 02:50	0.9	50	35	1.4	0.0	26.5	56
28/10/2023 03:00	0.3	56	35	0.7	0.0	26.4	56
28/10/2023 03:10	0.6	204	32	0.9	0.0	26.5	56
28/10/2023 03:20	0.8	40	10	1.1	0.0	26.5	55
28/10/2023 03:30	0.7	85	12	1.0	0.0	26.4	55
28/10/2023 03:40	0.7	88	7	0.8	0.0	26.2	55
28/10/2023 03:50	1.1	73	5	1.4	0.0	25.9	55
28/10/2023 04:00	1.0	62	7	1.3	0.0	25.6	56
28/10/2023 04:10	1.4	61	5	1.8	0.0	25.5	57
28/10/2023 04:20	1.6	56	5	2.1	0.0	25.6	56
28/10/2023 04:30	1.9	59	6	2.3	0.0	25.6	56
28/10/2023 04:40	1.9	66	7	2.6	0.0	25.7	56
28/10/2023 04:50	1.5	84	8	2.2	0.0	25.8	57
28/10/2023 05:00	1.2	97	16	2.0	0.0	26.1	56
28/10/2023 05:10	0.6	90	46	0.9	0.0	26.0	55
28/10/2023 05:20	0.7	87	15	1.1	0.0	25.7	55
28/10/2023 05:30	0.6	60	10	1.0	0.0	25.6	55
28/10/2023 05:40	0.9	63	6	1.1	0.0	25.6	55
28/10/2023 05:50	1.2	59	6	1.7	0.0	25.6	55
28/10/2023 06:00	2.5	57	4	3.1	0.0	25.5	55
28/10/2023 06:10	1.9	65	7	2.7	0.0	25.7	54
28/10/2023 06:20	1.2	74	11	1.8	0.0	25.8	54
28/10/2023 06:30	1.0	78	10	1.5	0.0	25.9	53
28/10/2023 06:40	0.8	82	15	1.2	0.0	26.0	52
28/10/2023 06:50	1.0	76	14	1.4	0.0	26.3	51
28/10/2023 07:00	1.4	85	11	1.8	0.0	26.7	50
28/10/2023 07:10	1.4	102	11	2.0	0.0	27.2	48
28/10/2023 07:20	1.9	95	9	2.5	0.0	27.6	46
28/10/2023 07:30	2.0	86	9	2.7	0.0	27.7	45
28/10/2023 07:40	1.6	104	18	2.6	0.0	28.1	45
28/10/2023 07:50	2.1	98	13	2.9	0.0	28.3	44
28/10/2023 08:00	2.3	102	12	3.2	0.0	28.2	44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/10/2023 08:10	2.2	108	14	3.4	0.0	28.4	44
28/10/2023 08:20	2.8	88	12	3.9	0.0	28.6	43
28/10/2023 08:30	3.6	76	11	4.9	0.0	28.5	43
28/10/2023 08:40	3.6	86	10	5.0	0.0	28.7	43
28/10/2023 08:50	3.9	75	13	5.6	0.0	28.7	43
28/10/2023 09:00	4.1	80	9	6.1	0.0	28.7	43
28/10/2023 09:10	4.2	88	10	6.1	0.0	28.8	43
28/10/2023 09:20	4.5	81	12	6.9	0.0	28.9	43
28/10/2023 09:30	4.3	84	12	6.3	0.0	29.3	42
28/10/2023 09:40	4.3	63	11	5.9	0.0	29.3	42
28/10/2023 09:50	5.1	66	11	7.2	0.0	29.0	43
28/10/2023 10:00	5.4	60	11	7.5	0.0	29.2	43
28/10/2023 10:10	5.4	63	7	7.4	0.0	29.1	43
28/10/2023 10:20	4.9	65	12	6.8	0.0	29.4	42
28/10/2023 10:30	4.5	52	13	6.2	0.0	29.8	42
28/10/2023 10:40	4.8	64	13	6.5	0.0	29.8	42
28/10/2023 10:50	4.7	58	11	6.5	0.0	29.8	42
28/10/2023 11:00	4.4	64	12	6.1	0.0	29.6	43
28/10/2023 11:10	4.2	60	10	6.2	0.0	29.9	42
28/10/2023 11:20	4.5	55	12	6.1	0.0	30.1	42
28/10/2023 11:30	4.4	60	11	6.5	0.0	30.4	42
28/10/2023 11:40	4.7	64	10	6.8	0.0	30.3	43
28/10/2023 11:50	4.7	61	12	6.3	0.0	30.7	43
28/10/2023 12:00	4.9	58	9	7.1	0.0	30.4	43
28/10/2023 12:10	5.3	60	11	7.3	0.0	30.4	43
28/10/2023 12:20	5.4	63	9	7.3	0.0	30.6	43
28/10/2023 12:30	5.3	64	9	7.1	0.0	31.1	44
28/10/2023 12:40	5.4	63	10	7.7	0.0	31.4	44
28/10/2023 12:50	5.2	65	9	7.0	0.0	31.6	44
28/10/2023 13:00	5.8	69	7	7.3	0.0	31.4	45
28/10/2023 13:10	5.5	66	9	6.9	0.0	31.7	45
28/10/2023 13:20	5.2	71	10	6.7	0.0	32.0	45
28/10/2023 13:30	5.6	72	8	7.0	0.0	32.0	46
28/10/2023 13:40	5.6	73	10	7.6	0.0	32.0	46
28/10/2023 13:50	5.4	69	10	7.0	0.0	32.4	46
28/10/2023 14:00	5.4	70	9	6.8	0.0	32.3	46
28/10/2023 14:10	4.7	69	9	6.3	0.0	32.7	46
28/10/2023 14:20	4.3	54	17	5.7	0.0	32.9	47
28/10/2023 14:30	4.6	14	12	6.2	0.0	32.8	47
28/10/2023 14:40	4.7	20	14	6.7	0.0	32.6	47
28/10/2023 14:50	5.0	14	10	7.0	0.0	32.6	48
28/10/2023 15:00	5.2	353	10	6.5	0.0	32.0	48
28/10/2023 15:10	5.6	180	10	7.5	0.0	31.5	47
28/10/2023 15:20	5.5	182	9	7.4	0.0	31.5	47
28/10/2023 15:30	5.7	181	11	7.4	0.0	31.3	46
28/10/2023 15:40	5.2	353	12	6.7	0.0	31.0	46
28/10/2023 15:50	4.9	179	12	6.7	0.0	30.9	46
28/10/2023 16:00	5.0	355	9	6.6	0.0	30.6	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/10/2023 16:10	4.3	355	11	5.8	0.0	30.9	45
28/10/2023 16:20	4.2	3	11	5.5	0.0	30.7	46
28/10/2023 16:30	4.8	352	13	6.8	0.0	30.5	46
28/10/2023 16:40	4.9	344	12	6.6	0.0	30.2	46
28/10/2023 16:50	5.1	340	9	6.8	0.0	29.9	46
28/10/2023 17:00	4.8	343	9	6.6	0.0	29.6	46
28/10/2023 17:10	5.3	343	8	6.4	0.0	29.4	46
28/10/2023 17:20	4.9	343	9	6.6	0.0	29.4	46
28/10/2023 17:30	5.0	342	7	6.5	0.0	29.1	46
28/10/2023 17:40	4.7	347	8	6.2	0.0	28.8	46
28/10/2023 17:50	4.3	348	8	5.6	0.0	28.9	46
28/10/2023 18:00	4.1	357	9	5.5	0.0	28.7	46
28/10/2023 18:10	4.0	347	10	6.1	0.0	28.6	46
28/10/2023 18:20	3.6	351	12	5.4	0.0	28.4	46
28/10/2023 18:30	4.5	355	8	5.9	0.0	28.3	47
28/10/2023 18:40	4.9	178	8	6.7	0.0	28.1	47
28/10/2023 18:50	4.9	351	8	6.2	0.0	28.0	46
28/10/2023 19:00	4.4	351	12	6.1	0.0	28.0	46
28/10/2023 19:10	4.7	356	10	6.6	0.0	27.9	46
28/10/2023 19:20	6.0	356	7	7.4	0.0	27.9	46
28/10/2023 19:30	6.3	355	8	8.3	0.0	27.8	46
28/10/2023 19:40	7.7	356	7	9.4	0.0	27.8	45
28/10/2023 19:50	8.4	359	6	11.1	0.0	27.8	45
28/10/2023 20:00	7.4	355	7	9.3	0.0	27.7	46
28/10/2023 20:10	6.4	348	8	9.3	0.0	27.7	46
28/10/2023 20:20	5.2	342	8	7.4	0.0	27.8	44
28/10/2023 20:30	4.2	311	30	6.9	0.0	27.7	45
28/10/2023 20:40	3.2	260	17	4.7	0.0	27.7	45
28/10/2023 20:50	3.9	284	8	5.1	0.0	27.5	46
28/10/2023 21:00	3.8	299	9	5.7	0.0	27.5	45
28/10/2023 21:10	3.5	298	11	5.1	0.0	27.5	44
28/10/2023 21:20	3.7	297	12	5.7	0.0	27.6	44
28/10/2023 21:30	3.7	285	9	5.4	0.0	27.6	43
28/10/2023 21:40	3.7	290	9	5.3	0.0	27.6	43
28/10/2023 21:50	3.8	276	9	5.3	0.0	27.6	43
28/10/2023 22:00	3.9	265	8	5.7	0.0	27.6	43
28/10/2023 22:10	4.8	261	7	6.3	0.0	27.6	42
28/10/2023 22:20	4.4	245	10	5.5	0.0	27.7	42
28/10/2023 22:30	3.9	267	11	5.2	0.0	27.6	41
28/10/2023 22:40	4.1	242	10	5.3	0.0	27.7	41
28/10/2023 22:50	3.9	261	9	5.2	0.0	27.6	41
28/10/2023 23:00	4.0	251	7	5.6	0.0	27.6	41
28/10/2023 23:10	3.2	235	9	4.5	0.0	27.7	41
28/10/2023 23:20	3.1	255	8	4.1	0.0	27.5	41
28/10/2023 23:30	2.9	246	13	3.9	0.0	27.5	41
28/10/2023 23:40	3.4	231	10	5.0	0.0	27.7	41
28/10/2023 23:50	3.2	244	9	4.6	0.0	27.5	41
29/10/2023 00:00	3.2	249	9	4.3	0.0	27.4	41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/10/2023 00:10	3.2	251	8	4.4	0.0	27.3	42
29/10/2023 00:20	3.1	256	9	4.1	0.0	27.1	42
29/10/2023 00:30	2.7	252	10	3.8	0.0	27.1	42
29/10/2023 00:40	2.9	249	11	4.3	0.0	27.1	42
29/10/2023 00:50	2.8	258	9	3.8	0.0	27.0	42
29/10/2023 01:00	2.7	253	10	3.7	0.0	26.9	42
29/10/2023 01:10	3.0	259	7	3.9	0.0	26.8	42
29/10/2023 01:20	3.1	271	9	4.2	0.0	26.7	43
29/10/2023 01:30	3.3	261	9	4.3	0.0	26.8	42
29/10/2023 01:40	3.4	256	6	4.6	0.0	26.7	42
29/10/2023 01:50	3.1	254	6	3.9	0.0	26.7	42
29/10/2023 02:00	3.4	259	5	4.2	0.0	26.6	42
29/10/2023 02:10	3.4	257	6	4.3	0.0	26.6	42
29/10/2023 02:20	3.8	264	5	4.6	0.0	26.7	42
29/10/2023 02:30	3.8	258	6	4.8	0.0	26.8	42
29/10/2023 02:40	3.0	258	6	3.8	0.0	26.6	42
29/10/2023 02:50	2.6	238	8	3.5	0.0	26.6	43
29/10/2023 03:00	2.1	249	15	2.8	0.0	26.7	42
29/10/2023 03:10	2.3	266	6	2.7	0.0	26.3	43
29/10/2023 03:20	2.6	265	5	3.1	0.0	26.1	44
29/10/2023 03:30	2.2	245	14	3.1	0.0	26.3	44
29/10/2023 03:40	1.9	236	15	2.7	0.0	26.3	43
29/10/2023 03:50	2.0	262	17	2.5	0.0	26.3	43
29/10/2023 04:00	2.0	269	6	2.5	0.0	26.0	44
29/10/2023 04:10	2.6	255	7	3.2	0.0	26.0	44
29/10/2023 04:20	2.4	231	13	3.3	0.0	26.2	44
29/10/2023 04:30	2.0	243	16	3.4	0.0	26.5	42
29/10/2023 04:40	1.4	224	21	2.7	0.0	26.4	42
29/10/2023 04:50	1.5	200	26	2.8	0.0	26.3	43
29/10/2023 05:00	1.6	251	35	2.7	0.0	26.3	43
29/10/2023 05:10	1.2	223	33	2.2	0.0	26.2	44
29/10/2023 05:20	0.9	258	27	1.5	0.0	26.1	43
29/10/2023 05:30	0.8	243	27	1.2	0.0	26.0	44
29/10/2023 05:40	1.4	310	13	1.9	0.0	25.9	44
29/10/2023 05:50	2.0	277	7	2.5	0.0	25.9	44
29/10/2023 06:00	2.5	273	7	3.0	0.0	25.9	44
29/10/2023 06:10	2.4	261	7	3.1	0.0	26.0	44
29/10/2023 06:20	2.2	256	7	2.8	0.0	26.1	44
29/10/2023 06:30	2.8	257	4	3.4	0.0	26.1	43
29/10/2023 06:40	3.0	251	8	3.9	0.0	26.2	42
29/10/2023 06:50	3.5	251	6	4.3	0.0	26.4	41
29/10/2023 07:00	3.7	250	7	4.6	0.0	26.6	40
29/10/2023 07:10	3.8	252	6	4.6	0.0	26.9	39
29/10/2023 07:20	4.1	253	6	5.0	0.0	27.1	37
29/10/2023 07:30	3.5	253	8	4.5	0.0	27.4	37
29/10/2023 07:40	3.6	265	9	4.4	0.0	27.6	36
29/10/2023 07:50	3.6	249	11	4.7	0.0	27.7	35
29/10/2023 08:00	3.2	262	8	4.1	0.0	28.0	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/10/2023 08:10	2.9	269	8	3.6	0.0	28.4	34
29/10/2023 08:20	2.6	250	15	3.5	0.0	28.7	34
29/10/2023 08:30	2.3	265	14	3.1	0.0	28.9	34
29/10/2023 08:40	2.1	268	16	3.2	0.0	29.2	34
29/10/2023 08:50	2.2	270	24	3.1	0.0	29.5	34
29/10/2023 09:00	1.8	256	16	3.0	0.0	30.0	35
29/10/2023 09:10	2.1	250	16	3.1	0.0	29.9	36
29/10/2023 09:20	2.1	276	21	3.1	0.0	30.0	36
29/10/2023 09:30	1.7	260	25	3.2	0.0	30.6	38
29/10/2023 09:40	1.7	248	19	3.2	0.0	31.3	40
29/10/2023 09:50	2.5	267	22	4.4	0.0	31.1	41
29/10/2023 10:00	2.2	240	25	3.9	0.0	31.1	41
29/10/2023 10:10	2.7	276	22	4.3	0.0	30.9	42
29/10/2023 10:20	2.5	284	17	4.2	0.0	31.3	43
29/10/2023 10:30	2.6	292	27	4.4	0.0	31.5	44
29/10/2023 10:40	3.1	294	18	5.1	0.0	31.5	45
29/10/2023 10:50	2.4	295	34	4.1	0.0	32.1	46
29/10/2023 11:00	3.0	269	16	4.4	0.0	32.1	46
29/10/2023 11:10	1.9	283	28	3.5	0.0	32.4	47
29/10/2023 11:20	1.8	275	28	3.2	0.0	32.7	47
29/10/2023 11:30	1.6	258	32	2.8	0.0	32.7	47
29/10/2023 11:40	2.5	273	29	4.8	0.0	33.0	47
29/10/2023 11:50	2.3	261	30	4.0	0.0	32.9	47
29/10/2023 12:00	2.9	235	25	4.4	0.0	32.9	48
29/10/2023 12:10	2.9	257	14	4.7	0.0	32.8	48
29/10/2023 12:20	3.3	271	20	4.9	0.0	32.7	48
29/10/2023 12:30	2.8	294	21	4.7	0.0	32.9	48
29/10/2023 12:40	3.3	289	20	4.9	0.0	32.7	48
29/10/2023 12:50	2.7	291	19	4.9	0.0	32.9	48
29/10/2023 13:00	3.5	280	13	5.4	0.0	32.9	48
29/10/2023 13:10	3.5	284	15	5.3	0.0	33.0	48
29/10/2023 13:20	3.2	297	16	4.9	0.0	33.3	46
29/10/2023 13:30	3.3	293	11	4.8	0.0	33.2	46
29/10/2023 13:40	3.2	293	14	4.7	0.0	33.2	45
29/10/2023 13:50	3.0	290	17	4.2	0.0	33.6	45
29/10/2023 14:00	2.9	288	17	4.5	0.0	33.4	45
29/10/2023 14:10	3.5	293	17	5.6	0.0	33.3	46
29/10/2023 14:20	3.4	289	12	5.3	0.0	33.1	44
29/10/2023 14:30	3.7	289	11	5.6	0.0	33.2	44
29/10/2023 14:40	4.2	283	8	6.1	0.0	32.8	48
29/10/2023 14:50	4.7	291	7	6.4	0.0	32.6	49
29/10/2023 15:00	4.6	292	8	6.0	0.0	32.0	50
29/10/2023 15:10	4.8	287	9	5.9	0.0	31.9	49
29/10/2023 15:20	5.0	285	10	6.6	0.0	31.9	49
29/10/2023 15:30	5.6	286	7	7.0	0.0	31.6	49
29/10/2023 15:40	5.3	295	10	6.9	0.0	31.5	49
29/10/2023 15:50	5.4	293	8	6.6	0.0	31.3	48
29/10/2023 16:00	5.3	292	6	6.6	0.0	31.1	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/10/2023 16:10	5.0	293	11	6.2	0.0	31.0	48
29/10/2023 16:20	5.1	275	6	6.3	0.0	30.8	46
29/10/2023 16:30	5.0	272	7	6.6	0.0	30.3	44
29/10/2023 16:40	4.9	273	8	6.3	0.0	30.4	43
29/10/2023 16:50	5.0	276	8	6.8	0.0	30.4	43
29/10/2023 17:00	4.9	273	7	6.2	0.0	30.2	43
29/10/2023 17:10	4.7	271	7	6.1	0.0	30.1	43
29/10/2023 17:20	4.5	275	6	5.9	0.0	30.0	42
29/10/2023 17:30	4.6	273	7	6.0	0.0	30.0	42
29/10/2023 17:40	4.7	271	6	5.9	0.0	29.8	41
29/10/2023 17:50	5.2	267	6	6.7	0.0	29.3	41
29/10/2023 18:00	5.1	269	7	6.7	0.0	29.1	40
29/10/2023 18:10	5.3	270	7	6.7	0.0	29.0	40
29/10/2023 18:20	6.0	265	6	7.8	0.0	28.8	40
29/10/2023 18:30	6.0	265	6	7.5	0.0	28.6	39
29/10/2023 18:40	6.3	266	6	8.0	0.0	28.4	39
29/10/2023 18:50	5.9	270	6	7.7	0.0	28.3	39
29/10/2023 19:00	6.5	276	5	8.1	0.0	28.2	38
29/10/2023 19:10	6.7	275	6	8.3	0.0	28.2	38
29/10/2023 19:20	5.9	274	6	7.5	0.0	28.2	38
29/10/2023 19:30	6.0	275	6	7.4	0.0	28.1	38
29/10/2023 19:40	6.3	275	5	7.9	0.0	28.0	38
29/10/2023 19:50	5.5	272	6	7.3	0.0	27.9	38
29/10/2023 20:00	5.9	277	5	7.5	0.0	27.9	38
29/10/2023 20:10	5.8	272	6	7.4	0.0	27.9	38
29/10/2023 20:20	5.5	277	6	7.3	0.0	27.9	38
29/10/2023 20:30	5.6	280	6	7.4	0.0	27.9	38
29/10/2023 20:40	4.5	285	6	5.5	0.0	27.9	38
29/10/2023 20:50	4.7	282	6	6.1	0.0	27.9	38
29/10/2023 21:00	4.6	280	7	5.8	0.0	27.9	37
29/10/2023 21:10	5.0	282	6	6.4	0.0	27.9	36
29/10/2023 21:20	4.9	279	7	6.2	0.0	27.9	36
29/10/2023 21:30	5.1	278	6	6.5	0.0	27.9	36
29/10/2023 21:40	5.2	283	7	6.6	0.0	27.8	36
29/10/2023 21:50	5.2	286	5	6.7	0.0	27.7	36
29/10/2023 22:00	5.5	284	7	7.2	0.0	27.6	37
29/10/2023 22:10	4.9	285	7	6.6	0.0	27.5	38
29/10/2023 22:20	4.4	288	7	6.5	0.0	27.5	38
29/10/2023 22:30	5.4	284	6	6.9	0.0	27.4	38
29/10/2023 22:40	5.5	286	6	7.2	0.0	27.3	37
29/10/2023 22:50	5.3	288	6	7.1	0.0	27.3	37
29/10/2023 23:00	5.7	286	6	7.4	0.0	27.3	37
29/10/2023 23:10	5.4	287	7	7.2	0.0	27.3	37
29/10/2023 23:20	5.3	289	7	7.5	0.0	27.2	36
29/10/2023 23:30	5.7	282	7	8.1	0.0	27.2	36
29/10/2023 23:40	5.1	282	7	6.7	0.0	27.2	35
29/10/2023 23:50	5.6	279	5	7.2	0.0	27.1	35
30/10/2023 00:00	5.6	283	5	7.3	0.0	27.1	35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/10/2023 00:10	5.6	281	5	7.2	0.0	27.1	35
30/10/2023 00:20	5.5	280	5	7.4	0.0	27.1	36
30/10/2023 00:30	5.1	281	7	6.6	0.0	27.1	35
30/10/2023 00:40	4.5	281	6	6.1	0.0	27.0	35
30/10/2023 00:50	4.2	280	7	5.3	0.0	27.0	35
30/10/2023 01:00	3.7	286	6	4.9	0.0	26.9	34
30/10/2023 01:10	3.8	285	6	4.9	0.0	26.9	33
30/10/2023 01:20	3.8	286	6	4.9	0.0	27.0	33
30/10/2023 01:30	3.6	283	6	4.7	0.0	27.1	33
30/10/2023 01:40	3.9	289	6	5.3	0.0	27.1	34
30/10/2023 01:50	4.1	291	7	5.3	0.0	27.1	34
30/10/2023 02:00	4.1	294	7	5.4	0.0	27.3	35
30/10/2023 02:10	3.5	292	7	4.5	0.0	27.4	37
30/10/2023 02:20	3.4	287	5	4.6	0.0	27.2	36
30/10/2023 02:30	4.1	286	7	5.8	0.0	27.2	35
30/10/2023 02:40	4.4	287	7	6.1	0.0	27.3	35
30/10/2023 02:50	4.2	280	7	5.3	0.0	27.2	36
30/10/2023 03:00	4.2	280	7	5.7	0.0	27.1	36
30/10/2023 03:10	4.3	284	7	5.9	0.0	27.0	36
30/10/2023 03:20	3.9	280	7	5.8	0.0	27.0	36
30/10/2023 03:30	3.8	285	7	5.6	0.0	26.9	36
30/10/2023 03:40	4.0	286	7	5.8	0.0	26.9	36
30/10/2023 03:50	4.2	286	7	5.3	0.0	26.9	35
30/10/2023 04:00	4.2	285	7	6.1	0.0	26.9	36
30/10/2023 04:10	4.0	289	7	5.6	0.0	26.9	36
30/10/2023 04:20	4.2	289	7	5.3	0.0	27.0	36
30/10/2023 04:30	3.7	288	6	5.5	0.0	26.9	36
30/10/2023 04:40	3.8	290	6	5.1	0.0	26.8	36
30/10/2023 04:50	4.2	295	6	5.3	0.0	26.8	36
30/10/2023 05:00	4.3	292	6	5.5	0.0	26.7	36
30/10/2023 05:10	3.8	285	7	5.3	0.0	26.5	37
30/10/2023 05:20	3.6	276	6	4.7	0.0	26.4	37
30/10/2023 05:30	4.0	265	8	5.8	0.0	26.5	36
30/10/2023 05:40	4.3	264	6	5.9	0.0	26.6	36
30/10/2023 05:50	4.4	263	6	5.4	0.0	26.6	36
30/10/2023 06:00	3.6	269	5	4.6	0.0	26.6	35
30/10/2023 06:10	3.4	269	6	4.6	0.0	26.7	35
30/10/2023 06:20	2.9	254	6	3.6	0.0	26.7	35
30/10/2023 06:30	2.2	246	8	2.9	0.0	26.7	35
30/10/2023 06:40	2.3	253	5	2.8	0.0	26.8	35
30/10/2023 06:50	2.8	251	6	3.5	0.0	27.1	34
30/10/2023 07:00	3.2	249	7	4.1	0.0	27.4	34
30/10/2023 07:10	2.8	248	7	3.7	0.0	27.7	34
30/10/2023 07:20	2.9	248	6	3.8	0.0	28.0	35
30/10/2023 07:30	3.3	250	7	4.3	0.0	28.3	37
30/10/2023 07:40	3.2	250	7	4.1	0.0	28.7	40
30/10/2023 07:50	3.2	259	9	4.0	0.0	28.8	43
30/10/2023 08:00	2.9	268	10	3.8	0.0	29.2	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/10/2023 08:10	2.8	251	9	3.7	0.0	29.5	45
30/10/2023 08:20	3.0	250	11	4.1	0.0	29.6	46
30/10/2023 08:30	2.8	256	9	4.1	0.0	29.8	48
30/10/2023 08:40	2.7	249	12	3.7	0.0	30.1	48
30/10/2023 08:50	2.9	243	13	4.8	0.0	30.4	49
30/10/2023 09:00	2.7	232	15	4.3	0.0	30.8	49
30/10/2023 09:10	2.8	226	13	4.2	0.0	30.9	49
30/10/2023 09:20	2.1	232	20	2.9	0.0	31.0	48
30/10/2023 09:30	2.0	216	19	3.6	0.0	31.6	48
30/10/2023 09:40	1.6	232	29	3.3	0.0	32.1	48
30/10/2023 09:50	2.0	216	28	3.5	0.0	32.8	47
30/10/2023 10:00	1.5	173	29	2.9	0.0	33.2	45
30/10/2023 10:10	1.6	216	29	2.9	0.0	34.0	42
30/10/2023 10:20	1.6	130	33	3.0	0.0	34.7	42
30/10/2023 10:30	1.5	136	33	2.3	0.0	35.5	39
30/10/2023 10:40	2.2	160	51	4.0	0.0	35.0	45
30/10/2023 10:50	3.1	10	15	4.1	0.0	34.0	48
30/10/2023 11:00	3.3	357	19	4.7	0.0	33.7	48
30/10/2023 11:10	4.0	343	18	5.2	0.0	33.5	49
30/10/2023 11:20	4.1	341	13	5.8	0.0	33.5	48
30/10/2023 11:30	4.3	341	9	5.5	0.0	33.4	48
30/10/2023 11:40	4.8	343	9	6.0	0.0	33.1	49
30/10/2023 11:50	4.8	340	14	6.5	0.0	32.9	49
30/10/2023 12:00	5.1	344	9	6.8	0.0	33.1	49
30/10/2023 12:10	5.3	330	11	7.0	0.0	32.3	50
30/10/2023 12:20	5.7	332	10	7.3	0.0	32.6	49
30/10/2023 12:30	5.9	336	12	7.4	0.0	32.3	51
30/10/2023 12:40	6.2	328	9	8.4	0.0	31.8	51
30/10/2023 12:50	6.1	332	11	8.7	0.0	31.6	51
30/10/2023 13:00	6.3	328	13	9.1	0.0	31.4	51
30/10/2023 13:10	6.2	328	9	8.0	0.0	31.9	50
30/10/2023 13:20	6.1	327	10	8.4	0.0	31.5	51
30/10/2023 13:30	6.7	327	9	8.5	0.0	31.2	51
30/10/2023 13:40	6.5	328	8	9.0	0.0	31.2	51
30/10/2023 13:50	6.7	324	7	8.9	0.0	31.4	51
30/10/2023 14:00	6.4	323	10	9.0	0.0	31.1	51
30/10/2023 14:10	6.6	319	9	9.0	0.0	31.1	51
30/10/2023 14:20	6.0	308	12	9.9	0.0	31.3	51
30/10/2023 14:30	6.3	305	12	8.5	0.0	31.0	51
30/10/2023 14:40	5.9	294	12	7.9	0.0	31.0	51
30/10/2023 14:50	6.1	307	9	8.0	0.0	30.7	51
30/10/2023 15:00	5.5	309	10	7.8	0.0	31.2	51
30/10/2023 15:10	6.4	314	8	8.4	0.0	30.9	52
30/10/2023 15:20	5.1	296	12	7.3	0.0	31.7	49
30/10/2023 15:30	5.3	312	13	7.1	0.0	31.8	49
30/10/2023 15:40	5.5	306	11	7.7	0.0	31.4	50
30/10/2023 15:50	4.4	308	14	6.6	0.0	31.8	49
30/10/2023 16:00	5.1	323	13	7.0	0.0	31.3	51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/10/2023 16:10	5.1	313	9	7.3	0.0	30.7	51
30/10/2023 16:20	5.3	319	11	7.9	0.0	30.8	52
30/10/2023 16:30	6.0	326	10	8.6	0.0	30.6	52
30/10/2023 16:40	6.1	323	9	8.7	0.0	30.2	53
30/10/2023 16:50	6.4	324	10	8.6	0.0	29.7	52
30/10/2023 17:00	6.7	324	10	8.8	0.0	29.6	51
30/10/2023 17:10	6.3	320	11	9.3	0.0	29.3	50
30/10/2023 17:20	5.9	312	8	8.6	0.0	29.0	48
30/10/2023 17:30	5.4	319	10	8.3	0.0	29.0	47
30/10/2023 17:40	5.3	314	12	8.0	0.0	29.0	47
30/10/2023 17:50	5.1	318	11	7.6	0.0	28.9	47
30/10/2023 18:00	4.3	308	13	7.2	0.0	28.6	45
30/10/2023 18:10	4.2	300	15	6.2	0.0	28.5	45
30/10/2023 18:20	4.8	294	10	7.0	0.0	28.4	44
30/10/2023 18:30	4.9	296	11	7.3	0.0	28.4	45
30/10/2023 18:40	5.0	298	11	7.0	0.0	28.4	45
30/10/2023 18:50	5.2	299	10	7.3	0.0	28.3	44
30/10/2023 19:00	5.2	298	11	7.9	0.0	28.3	45
30/10/2023 19:10	5.5	297	9	7.9	0.0	28.6	46
30/10/2023 19:20	6.9	293	6	9.1	0.0	28.9	48
30/10/2023 19:30	6.6	295	8	8.8	0.0	28.6	47
30/10/2023 19:40	6.2	291	7	8.4	0.0	28.4	46
30/10/2023 19:50	6.2	287	6	8.6	0.0	28.2	45
30/10/2023 20:00	5.8	281	8	7.7	0.0	28.2	44
30/10/2023 20:10	5.8	284	7	8.1	0.0	28.1	43
30/10/2023 20:20	5.7	283	7	7.6	0.0	28.1	43
30/10/2023 20:30	5.3	289	7	7.7	0.0	28.0	42
30/10/2023 20:40	5.2	284	7	7.3	0.0	28.0	42
30/10/2023 20:50	5.4	282	7	7.2	0.0	28.0	43
30/10/2023 21:00	4.5	284	6	6.5	0.0	28.0	44
30/10/2023 21:10	4.9	284	7	6.3	0.0	28.0	44
30/10/2023 21:20	5.1	285	6	7.5	0.0	28.0	45
30/10/2023 21:30	5.0	281	5	6.4	0.0	28.0	46
30/10/2023 21:40	4.7	284	5	6.1	0.0	27.8	47
30/10/2023 21:50	4.9	286	6	6.2	0.0	27.9	49
30/10/2023 22:00	5.5	293	6	7.8	0.0	28.1	50
30/10/2023 22:10	6.0	294	6	8.0	0.0	28.3	50
30/10/2023 22:20	6.7	296	7	8.9	0.0	28.3	51
30/10/2023 22:30	6.7	296	6	8.9	0.0	28.2	51
30/10/2023 22:40	7.1	297	8	9.0	0.0	28.3	51
30/10/2023 22:50	7.0	298	7	9.1	0.0	28.1	51
30/10/2023 23:00	6.8	295	6	8.5	0.0	28.0	50
30/10/2023 23:10	6.3	294	6	8.5	0.0	27.8	50
30/10/2023 23:20	6.3	295	6	8.3	0.0	27.7	50
30/10/2023 23:30	6.7	294	5	8.7	0.0	27.6	49
30/10/2023 23:40	6.7	289	6	8.2	0.0	27.6	49
30/10/2023 23:50	6.1	289	6	8.0	0.0	27.4	48
31/10/2023 00:00	6.0	292	6	8.4	0.0	27.3	48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/10/2023 00:10	6.8	290	6	8.7	0.0	27.2	47
31/10/2023 00:20	6.5	285	6	8.9	0.0	27.1	47
31/10/2023 00:30	6.4	282	6	8.6	0.0	26.9	46
31/10/2023 00:40	5.7	283	7	7.4	0.0	26.9	45
31/10/2023 00:50	6.0	290	6	7.4	0.0	26.9	44
31/10/2023 01:00	6.0	289	7	8.2	0.0	26.9	44
31/10/2023 01:10	5.1	291	7	7.1	0.0	26.9	43
31/10/2023 01:20	4.8	291	7	6.6	0.0	26.9	43
31/10/2023 01:30	4.8	289	8	7.0	0.0	26.9	43
31/10/2023 01:40	5.5	282	8	8.0	0.0	27.0	43
31/10/2023 01:50	6.0	282	6	7.9	0.0	27.1	43
31/10/2023 02:00	5.8	281	6	8.1	0.0	27.1	43
31/10/2023 02:10	6.7	275	6	8.6	0.0	27.2	43
31/10/2023 02:20	6.8	276	5	8.7	0.0	27.3	43
31/10/2023 02:30	6.3	273	6	8.8	0.0	27.2	43
31/10/2023 02:40	6.4	269	5	8.4	0.0	27.3	43
31/10/2023 02:50	6.0	267	6	7.9	0.0	27.4	44
31/10/2023 03:00	6.1	266	7	8.1	0.0	27.6	46
31/10/2023 03:10	5.2	261	6	6.8	0.0	27.5	48
31/10/2023 03:20	5.7	260	5	7.4	0.0	27.4	50
31/10/2023 03:30	5.1	264	5	6.4	0.0	27.2	51
31/10/2023 03:40	5.2	265	5	6.7	0.0	27.1	51
31/10/2023 03:50	4.6	263	5	6.3	0.0	26.8	51
31/10/2023 04:00	4.9	263	5	6.4	0.0	26.7	51
31/10/2023 04:10	4.7	260	5	6.3	0.0	26.4	51
31/10/2023 04:20	4.6	260	5	5.9	0.0	26.1	52
31/10/2023 04:30	3.9	264	5	5.5	0.0	26.2	51
31/10/2023 04:40	3.8	268	4	5.2	0.0	26.0	51
31/10/2023 04:50	3.7	267	3	4.3	0.0	25.8	52
31/10/2023 05:00	3.6	261	4	4.1	0.0	25.5	52
31/10/2023 05:10	2.9	260	4	3.6	0.0	25.0	53
31/10/2023 05:20	2.2	257	4	2.9	0.0	24.8	53
31/10/2023 05:30	2.5	260	3	3.0	0.0	24.5	53
31/10/2023 05:40	2.4	258	4	3.0	0.0	24.3	53
31/10/2023 05:50	2.5	252	4	3.2	0.0	24.5	53
31/10/2023 06:00	2.6	253	3	3.2	0.0	24.5	53
31/10/2023 06:10	3.1	254	3	3.7	0.0	24.4	53
31/10/2023 06:20	3.1	255	3	3.5	0.0	24.8	52
31/10/2023 06:30	3.3	252	3	3.6	0.0	24.8	51
31/10/2023 06:40	2.9	249	5	3.7	0.0	25.2	51
31/10/2023 06:50	2.9	250	4	3.5	0.0	25.6	51
31/10/2023 07:00	2.4	252	6	3.2	0.0	26.3	51
31/10/2023 07:10	2.6	250	9	3.5	0.0	26.9	50
31/10/2023 07:20	3.4	250	7	4.3	0.0	27.4	50
31/10/2023 07:30	3.6	245	7	4.4	0.0	27.6	49
31/10/2023 07:40	4.1	249	7	5.1	0.0	27.7	49
31/10/2023 07:50	4.3	258	9	6.1	0.0	28.2	48
31/10/2023 08:00	4.5	264	10	6.0	0.0	28.4	46



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/10/2023 08:10	4.4	269	7	5.6	0.0	28.6	45
31/10/2023 08:20	5.1	278	6	6.3	0.0	28.7	44
31/10/2023 08:30	4.8	269	8	6.8	0.0	28.9	44
31/10/2023 08:40	5.1	266	8	6.4	0.0	29.0	44
31/10/2023 08:50	4.9	269	8	6.3	0.0	29.0	44
31/10/2023 09:00	4.7	267	7	5.8	0.0	29.1	44
31/10/2023 09:10	3.7	264	13	5.2	0.0	29.7	42
31/10/2023 09:20	3.6	271	9	4.8	0.0	29.8	41
31/10/2023 09:30	3.2	265	12	4.6	0.0	30.1	39
31/10/2023 09:40	3.3	273	14	4.6	0.0	30.7	37
31/10/2023 09:50	3.2	281	11	4.4	0.0	30.8	37
31/10/2023 10:00	3.3	274	11	4.5	0.0	31.1	38
31/10/2023 10:10	3.4	271	11	5.3	0.0	30.7	40
31/10/2023 10:20	3.2	261	13	4.7	0.0	31.0	39
31/10/2023 10:30	3.5	275	14	4.9	0.0	31.5	39
31/10/2023 10:40	3.9	267	12	6.0	0.0	31.7	40
31/10/2023 10:50	4.3	272	13	6.3	0.0	31.4	43
31/10/2023 11:00	4.1	276	13	5.6	0.0	31.3	43
31/10/2023 11:10	3.9	283	14	5.5	0.0	31.6	43
31/10/2023 11:20	4.4	277	16	5.7	0.0	31.6	43
31/10/2023 11:30	5.0	276	10	6.5	0.0	31.6	44
31/10/2023 11:40	5.1	277	14	6.8	0.0	31.3	47
31/10/2023 11:50	4.9	272	12	7.1	0.0	31.5	47
31/10/2023 12:00	5.0	272	11	7.5	0.0	31.5	48
31/10/2023 12:10	5.0	270	13	7.3	0.0	31.7	47
31/10/2023 12:20	5.6	269	12	7.5	0.0	31.2	49
31/10/2023 12:30	5.5	274	13	8.0	0.0	31.7	49
31/10/2023 12:40	6.0	268	8	7.7	0.0	31.4	49
31/10/2023 12:50	6.1	265	8	7.2	0.0	31.3	49
31/10/2023 13:00	5.3	267	9	7.1	0.0	31.4	49
31/10/2023 13:10	5.7	270	11	7.5	0.0	31.7	49
31/10/2023 13:20	5.8	258	10	7.4	0.0	31.9	49
31/10/2023 13:30	5.6	278	10	7.6	0.0	31.9	50
31/10/2023 13:40	6.0	294	14	8.2	0.0	31.7	51
31/10/2023 13:50	5.5	303	12	7.4	0.0	31.7	52
31/10/2023 14:00	5.5	287	14	8.1	0.0	32.0	50
31/10/2023 14:10	5.6	295	11	7.8	0.0	32.2	49
31/10/2023 14:20	5.7	311	11	8.1	0.0	31.1	51
31/10/2023 14:30	6.0	314	11	9.0	0.0	30.8	51
31/10/2023 14:40	6.3	309	10	8.4	0.0	30.8	50
31/10/2023 14:50	6.2	307	9	9.1	0.0	31.0	49
31/10/2023 15:00	6.4	309	9	8.9	0.0	30.8	45
31/10/2023 15:10	6.0	318	12	8.3	0.0	31.1	47
31/10/2023 15:20	5.8	320	12	8.2	0.0	30.8	51
31/10/2023 15:30	5.7	299	11	8.6	0.0	30.7	52
31/10/2023 15:40	6.0	287	9	8.1	0.0	30.8	52
31/10/2023 15:50	6.1	288	6	7.9	0.0	30.6	52
31/10/2023 16:00	6.4	290	7	8.3	0.0	30.2	53



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
31/10/2023 16:10	6.3	297	7	8.4	0.0	29.7	54
31/10/2023 16:20	6.5	298	6	8.4	0.0	29.6	54
31/10/2023 16:30	6.3	294	8	8.3	0.0	29.7	53
31/10/2023 16:40	6.4	298	6	8.0	0.0	29.3	53
31/10/2023 16:50	5.7	292	10	8.2	0.0	29.4	53
31/10/2023 17:00	5.8	295	8	7.5	0.0	29.6	52
31/10/2023 17:10	5.9	292	8	7.7	0.0	29.5	52
31/10/2023 17:20	5.8	292	8	7.6	0.0	29.3	52
31/10/2023 17:30	5.9	291	8	7.8	0.0	29.3	52
31/10/2023 17:40	5.7	287	10	7.8	0.0	29.3	52
31/10/2023 17:50	6.1	278	7	8.4	0.0	29.2	52
31/10/2023 18:00	6.6	282	6	8.5	0.0	28.9	52
31/10/2023 18:10	6.1	275	8	8.4	0.0	28.8	52
31/10/2023 18:20	6.5	272	7	8.2	0.0	28.4	52
31/10/2023 18:30	5.9	286	7	8.2	0.0	28.4	52
31/10/2023 18:40	5.9	289	7	7.6	0.0	28.1	52
31/10/2023 18:50	5.6	296	8	7.7	0.0	27.9	51
31/10/2023 19:00	6.7	287	7	8.9	0.0	27.8	51
31/10/2023 19:10	6.8	289	6	8.7	0.0	27.6	51
31/10/2023 19:20	6.4	292	7	8.6	0.0	27.4	49
31/10/2023 19:30	6.4	286	7	8.4	0.0	27.4	48
31/10/2023 19:40	6.7	287	7	8.8	0.0	27.3	47
31/10/2023 19:50	5.7	287	9	8.0	0.0	27.1	46
31/10/2023 20:00	5.9	280	7	8.2	0.0	27.1	46
31/10/2023 20:10	5.3	287	8	7.9	0.0	27.1	46
31/10/2023 20:20	6.1	281	5	8.1	0.0	27.1	46
31/10/2023 20:30	5.4	283	7	7.8	0.0	27.0	46
31/10/2023 20:40	6.1	282	7	8.1	0.0	26.9	45
31/10/2023 20:50	5.5	285	6	7.5	0.0	26.9	44
31/10/2023 21:00	5.3	282	7	7.5	0.0	26.8	44
31/10/2023 21:10	4.3	283	8	5.8	0.0	26.8	44
31/10/2023 21:20	4.8	272	7	6.3	0.0	26.8	44
31/10/2023 21:30	4.7	272	7	6.6	0.0	26.8	44
31/10/2023 21:40	5.0	277	6	7.0	0.0	26.8	44
31/10/2023 21:50	4.3	279	7	6.1	0.0	26.7	44
31/10/2023 22:00	4.5	280	6	6.4	0.0	26.7	44
31/10/2023 22:10	3.7	285	8	5.1	0.0	26.6	44
31/10/2023 22:20	4.6	284	6	6.3	0.0	26.5	43
31/10/2023 22:30	3.7	293	7	5.1	0.0	26.5	43
31/10/2023 22:40	3.8	282	8	5.5	0.0	26.4	43
31/10/2023 22:50	4.6	282	6	6.4	0.0	26.5	43
31/10/2023 23:00	5.1	275	6	6.7	0.0	26.6	42
31/10/2023 23:10	5.7	277	7	7.5	0.0	26.6	42
31/10/2023 23:20	5.6	272	7	7.7	0.0	26.7	42
31/10/2023 23:30	6.0	270	6	8.1	0.0	26.7	42
31/10/2023 23:40	5.3	271	7	7.5	0.0	26.7	42
31/10/2023 23:50	6.3	269	6	8.1	0.0	26.7	42
01/11/2023 00:00	6.6	265	5	8.3	0.0	26.6	42



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/11/2023 00:20	6.1	256	7	8.4	0.0		42
01/11/2023 00:30	7.0	255	7	9.3	0.0		42
01/11/2023 00:40	6.1	254	7	8.0	0.0		42
01/11/2023 00:50	5.9	256	6	7.8	0.0		42
01/11/2023 01:00	5.3	254	8	6.8	0.0		42
01/11/2023 01:10	4.6	248	8	6.3	0.0		42
01/11/2023 01:20	5.2	246	9	7.1	0.0		42
01/11/2023 01:30	5.7	248	8	7.5	0.0		42
01/11/2023 01:40	6.0	248	8	7.8	0.0		42
01/11/2023 01:50	6.4	248	7	9.8	0.0		42
01/11/2023 02:00	6.1	257	7	7.9	0.0		43
01/11/2023 02:10	5.8	265	6	8.0	0.0		43
01/11/2023 02:20	5.6	259	7	7.1	0.0		43
01/11/2023 02:30	5.2	263	6	7.1	0.0		43
01/11/2023 02:40	6.2	261	6	7.7	0.0		43
01/11/2023 02:50	5.9	258	6	7.7	0.0		43
01/11/2023 03:00	5.5	258	7	7.2	0.0		43
01/11/2023 03:10	5.7	259	6	7.2	0.0		43
01/11/2023 03:20	5.4	260	7	7.3	0.0		43
01/11/2023 03:30	5.4	260	6	7.0	0.0		43
01/11/2023 03:40	5.2	257	7	7.1	0.0		43
01/11/2023 03:50	4.9	250	8	6.6	0.0		43
01/11/2023 04:00	4.4	248	8	6.3	0.0		44
01/11/2023 04:10	4.8	255	7	6.9	0.0		44
01/11/2023 04:20	4.2	256	6	5.1	0.0		44
01/11/2023 04:30	4.7	263	6	7.0	0.0		45
01/11/2023 04:40	4.1	260	5	5.2	0.0		46
01/11/2023 04:50	3.0	252	8	4.3	0.0		46
01/11/2023 05:00	2.8	252	6	3.7	0.0		46
01/11/2023 05:10	2.6	258	6	3.6	0.0		46
01/11/2023 05:20	2.1	260	9	3.1	0.0		46
01/11/2023 05:30	2.1	256	6	2.7	0.0		46
01/11/2023 05:40	2.2	257	7	2.8	0.0		46
01/11/2023 05:50	2.5	244	7	3.3	0.0		46
01/11/2023 06:00	2.3	248	6	3.3	0.0		46
01/11/2023 06:10	2.1	247	5	2.5	0.0		46
01/11/2023 06:20	2.4	245	6	3.1	0.0		46
01/11/2023 06:30	2.8	251	6	3.6	0.0		46
01/11/2023 06:40	3.8	258	6	5.2	0.0		46
01/11/2023 06:50	4.1	266	7	5.3	0.0		47
01/11/2023 07:00	4.6	256	6	5.7	0.0		48
01/11/2023 07:10	4.7	249	7	6.4	0.0		48
01/11/2023 07:20	4.8	249	6	5.8	0.0		48
01/11/2023 07:30	4.8	255	7	5.9	0.0		48
01/11/2023 07:40	5.6	260	7	6.9	0.0		49
01/11/2023 07:50	5.4	268	7	6.6	0.0		49
01/11/2023 08:00	5.6	261	11	7.2	0.0		49
01/11/2023 08:10	5.6	253	7	7.1	0.0		50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/11/2023 08:20	5.7	254	9	8.0	0.0		51
01/11/2023 08:30	5.8	260	7	7.1	0.0		51
01/11/2023 08:40	5.4	257	8	6.6	0.0		51
01/11/2023 08:50	5.2	255	7	6.5	0.0		51
01/11/2023 09:00	5.2	265	12	6.7	0.0		51
01/11/2023 09:10	5.1	252	8	6.8	0.0		51
01/11/2023 09:20	5.0	258	11	6.5	0.0		51
01/11/2023 09:30	5.2	267	7	6.4	0.0		50
01/11/2023 09:40	5.1	275	9	6.7	0.0		49
01/11/2023 09:50	5.2	274	10	7.0	0.0		49
01/11/2023 10:00	5.4	281	11	6.9	0.0		49
01/11/2023 10:10	5.3	283	10	6.7	0.0		49
01/11/2023 10:20	5.2	284	8	6.8	0.0		49
01/11/2023 10:30	5.3	285	8	6.6	0.0		49
01/11/2023 10:40	5.1	281	10	6.5	0.0		48
01/11/2023 10:50	5.2	268	9	7.0	0.0		47
01/11/2023 11:00	5.5	269	10	7.1	0.0		48
01/11/2023 11:10	6.0	276	7	7.3	0.0		46
01/11/2023 11:20	5.6	272	8	7.3	0.0		47
01/11/2023 11:30	5.8	280	10	7.7	0.0		43
01/11/2023 11:40	6.1	272	7	8.7	0.0		43
01/11/2023 11:50	6.1	270	9	8.0	0.0		41
01/11/2023 12:00	6.1	265	10	8.7	0.0		42
01/11/2023 12:10	5.9	261	11	8.0	0.0		46
01/11/2023 12:20	6.0	265	10	8.6	0.0		43
01/11/2023 12:30	6.2	275	7	7.9	0.0		44
01/11/2023 12:40	6.2	276	9	9.2	0.0		47
01/11/2023 12:50	6.1	276	11	8.3	0.0		50
01/11/2023 13:00	6.2	283	11	9.0	0.0		52
01/11/2023 13:10	6.8	288	11	9.4	0.0		52
01/11/2023 13:20	6.9	289	7	9.4	0.0		52
01/11/2023 13:30	6.9	286	7	8.7	0.0		52
01/11/2023 13:40	7.0	285	6	8.6	0.0		52
01/11/2023 13:50	6.7	287	7	8.5	0.0		53
01/11/2023 14:00	6.4	297	8	8.3	0.0		53
01/11/2023 14:10	6.9	293	9	9.0	0.0		53
01/11/2023 14:20	6.9	290	7	9.4	0.0		53
01/11/2023 14:30	6.7	289	7	8.4	0.0		53
01/11/2023 14:40	7.1	297	6	9.2	0.0		53
01/11/2023 14:50	7.0	296	6	9.0	0.0		53
01/11/2023 15:00	6.8	300	8	8.6	0.0		52
01/11/2023 15:10	6.2	279	9	8.1	0.0		51
01/11/2023 15:20	7.0	273	8	8.8	0.0		52
01/11/2023 15:30	7.0	274	7	9.0	0.0		52
01/11/2023 15:40	7.1	273	7	9.1	0.0		53
01/11/2023 15:50	7.3	270	7	9.4	0.0		53
01/11/2023 16:00	7.4	272	7	9.2	0.0		53
01/11/2023 16:10	6.3	274	9	8.4	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/11/2023 16:20	6.5	270	8	8.7	0.0		53
01/11/2023 16:30	6.3	270	9	8.6	0.0		53
01/11/2023 16:40	6.9	265	6	8.6	0.0		53
01/11/2023 16:50	6.8	265	6	8.2	0.0		54
01/11/2023 17:00	6.4	263	6	8.4	0.0		54
01/11/2023 17:10	6.6	268	6	8.1	0.0		53
01/11/2023 17:20	6.3	270	6	7.8	0.0		54
01/11/2023 17:30	6.3	273	6	7.5	0.0		54
01/11/2023 17:40	6.1	269	7	8.2	0.0		54
01/11/2023 17:50	5.5	270	7	7.5	0.0		54
01/11/2023 18:00	5.3	273	9	7.6	0.0		54
01/11/2023 18:10	5.8	293	8	7.8	0.0		54
01/11/2023 18:20	5.9	293	8	7.7	0.0		52
01/11/2023 18:30	5.8	290	7	7.9	0.0		49
01/11/2023 18:40	5.4	288	8	7.6	0.0		49
01/11/2023 18:50	6.2	286	7	8.0	0.0		49
01/11/2023 19:00	5.6	287	9	7.2	0.0		49
01/11/2023 19:10	6.3	289	7	8.1	0.0		48
01/11/2023 19:20	5.8	279	7	7.7	0.0		48
01/11/2023 19:30	5.5	278	6	7.9	0.0		48
01/11/2023 19:40	5.5	282	5	7.2	0.0		48
01/11/2023 19:50	5.6	279	6	7.2	0.0		48
01/11/2023 20:00	6.3	280	5	8.1	0.0		49
01/11/2023 20:10	6.8	279	5	8.5	0.0		49
01/11/2023 20:20	6.0	278	6	7.7	0.0		49
01/11/2023 20:30	5.2	273	7	7.6	0.0		49
01/11/2023 20:40	6.3	269	7	8.3	0.0		48
01/11/2023 20:50	7.0	273	6	8.6	0.0		49
01/11/2023 21:00	5.9	269	7	8.0	0.0		49
01/11/2023 21:10	5.8	272	7	8.4	0.0		48
01/11/2023 21:20	5.5	270	8	8.5	0.0		48
01/11/2023 21:30	5.5	263	8	7.3	0.0		48
01/11/2023 21:40	5.8	268	9	7.9	0.0		48
01/11/2023 21:50	5.4	266	7	7.7	0.0		48
01/11/2023 22:00	6.1	262	6	8.5	0.0		48
01/11/2023 22:10	5.7	262	6	7.5	0.0		48
01/11/2023 22:20	6.0	259	6	7.7	0.0		48
01/11/2023 22:30	5.9	260	7	8.5	0.0		48
01/11/2023 22:40	6.6	259	7	8.6	0.0		47
01/11/2023 22:50	5.2	249	7	7.0	0.0		47
01/11/2023 23:00	4.5	243	10	6.4	0.0		47
01/11/2023 23:10	5.2	245	9	7.1	0.0		47
01/11/2023 23:20	4.6	248	9	7.2	0.0		47
01/11/2023 23:30	5.1	249	8	7.0	0.0		47
01/11/2023 23:40	5.1	254	7	6.5	0.0		47
01/11/2023 23:50	4.5	255	7	6.4	0.0		47
02/11/2023 00:00	4.6	257	7	6.2	0.0		47
02/11/2023 00:10	4.7	250	9	6.4	0.0		47



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/11/2023 00:20	5.0	247	9	6.9	0.0		47
02/11/2023 00:30	4.8	246	10	6.5	0.0		47
02/11/2023 00:40	4.5	249	8	6.2	0.0		47
02/11/2023 00:50	4.7	247	7	6.0	0.0		47
02/11/2023 01:00	4.1	250	9	5.3	0.0		47
02/11/2023 01:10	4.1	253	7	5.1	0.0		47
02/11/2023 01:20	4.1	254	7	5.5	0.0		48
02/11/2023 01:30	4.2	255	6	5.7	0.0		48
02/11/2023 01:40	4.7	255	5	5.8	0.0		49
02/11/2023 01:50	5.1	255	5	6.7	0.0		49
02/11/2023 02:00	4.5	253	7	5.9	0.0		50
02/11/2023 02:10	4.3	249	8	6.0	0.0		50
02/11/2023 02:20	4.7	250	7	6.3	0.0		49
02/11/2023 02:30	4.6	253	7	6.1	0.0		50
02/11/2023 02:40	4.2	253	7	5.6	0.0		50
02/11/2023 02:50	4.3	255	7	5.7	0.0		51
02/11/2023 03:00	4.8	256	5	6.0	0.0		51
02/11/2023 03:10	4.5	259	5	5.6	0.0		51
02/11/2023 03:20	4.4	258	6	5.3	0.0		52
02/11/2023 03:30	4.5	258	5	5.7	0.0		52
02/11/2023 03:40	4.6	261	5	5.7	0.0		52
02/11/2023 03:50	3.7	258	6	4.7	0.0		53
02/11/2023 04:00	3.4	253	6	4.2	0.0		53
02/11/2023 04:10	3.2	257	5	4.0	0.0		53
02/11/2023 04:20	3.0	254	5	3.9	0.0		53
02/11/2023 04:30	3.3	253	5	4.1	0.0		53
02/11/2023 04:40	3.6	261	6	4.5	0.0		54
02/11/2023 04:50	3.9	271	4	4.8	0.0		54
02/11/2023 05:00	3.7	268	5	4.5	0.0		54
02/11/2023 05:10	2.8	263	6	3.7	0.0		54
02/11/2023 05:20	3.4	270	5	4.1	0.0		54
02/11/2023 05:30	3.5	270	6	4.5	0.0		54
02/11/2023 05:40	3.2	264	6	4.2	0.0		55
02/11/2023 05:50	2.6	258	6	3.5	0.0		55
02/11/2023 06:00	2.4	253	7	3.4	0.0		55
02/11/2023 06:10	2.8	245	7	3.9	0.0		54
02/11/2023 06:20	2.4	247	8	3.7	0.0		54
02/11/2023 06:30	2.7	257	5	3.3	0.0		54
02/11/2023 06:40	2.4	260	5	2.9	0.0		54
02/11/2023 06:50	2.6	260	6	3.3	0.0		54
02/11/2023 07:00	3.3	265	7	4.3	0.0		54
02/11/2023 07:10	3.2	265	8	4.2	0.0		53
02/11/2023 07:20	3.5	263	7	4.6	0.0		53
02/11/2023 07:30	3.9	255	6	4.8	0.0		53
02/11/2023 07:40	4.3	266	7	5.2	0.0		53
02/11/2023 07:50	4.0	270	9	5.1	0.0		53
02/11/2023 08:00	4.2	268	10	5.1	0.0		52
02/11/2023 08:10	4.3	268	7	5.2	0.0		52



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/11/2023 08:20	4.0	271	7	5.0	0.0		52
02/11/2023 08:30	3.8	282	7	5.0	0.0		51
02/11/2023 08:40	3.7	288	13	5.2	0.0		51
02/11/2023 08:50	4.3	275	8	5.5	0.0		52
02/11/2023 09:00	4.7	265	8	5.9	0.0		53
02/11/2023 09:10	4.7	264	8	6.0	0.0		51
02/11/2023 09:20	4.3	263	9	5.8	0.0		50
02/11/2023 09:30	4.7	274	10	6.0	0.0		49
02/11/2023 09:40	4.7	279	9	6.0	0.0		47
02/11/2023 09:50	4.5	279	12	5.8	0.0		47
02/11/2023 10:00	5.0	278	7	6.3	0.0		49
02/11/2023 10:10	4.4	273	11	6.3	0.0		49
02/11/2023 10:20	4.7	288	9	5.9	0.0		49
02/11/2023 10:30	4.3	284	11	5.7	0.0		48
02/11/2023 10:40	4.5	276	8	6.0	0.0		47
02/11/2023 10:50	4.7	274	8	6.2	0.0		46
02/11/2023 11:00	4.7	279	11	6.5	0.0		45
02/11/2023 11:10	5.1	276	8	6.8	0.0		43
02/11/2023 11:20	5.2	281	8	7.3	0.0		41
02/11/2023 11:30	5.1	287	8	6.6	0.0		38
02/11/2023 11:40	4.9	289	12	6.7	0.0		40
02/11/2023 11:50	5.0	277	11	6.5	0.0		41
02/11/2023 12:00	5.2	276	8	6.8	0.0		42
02/11/2023 12:10	5.4	274	11	6.8	0.0		46
02/11/2023 12:20	5.0	256	12	6.8	0.0		47
02/11/2023 12:30	5.2	275	10	6.7	0.0		31
02/11/2023 12:40	5.0	281	10	7.3	0.0		24
02/11/2023 12:50	5.3	291	10	7.4	0.0		31
02/11/2023 13:00	6.0	284	8	7.6	0.0		32
02/11/2023 13:10	6.5	283	8	8.8	0.0		33
02/11/2023 13:20	6.4	283	9	8.5	0.0		29
02/11/2023 13:30	6.6	277	11	9.4	0.0		25
02/11/2023 13:40	7.0	277	10	9.6	0.0		26
02/11/2023 13:50	7.7	271	8	9.4	0.0		23
02/11/2023 14:00	7.9	274	9	10.0	0.0		20
02/11/2023 14:10	7.4	271	10	9.4	0.0		22
02/11/2023 14:20	7.7	276	7	9.8	0.0		20
02/11/2023 14:30	8.0	275	7	9.9	0.0		22
02/11/2023 14:40	7.3	274	7	9.1	0.0		25
02/11/2023 14:50	8.0	275	8	9.9	0.0		22
02/11/2023 15:00	7.9	272	7	9.5	0.0		27
02/11/2023 15:10	7.1	274	8	10.1	0.0		34
02/11/2023 15:20	7.4	267	7	10.0	0.0		44
02/11/2023 15:30	7.6	270	10	9.6	0.0		48
02/11/2023 15:40	8.0	266	6	10.1	0.0		48
02/11/2023 15:50	7.8	267	6	10.6	0.0		48
02/11/2023 16:00	7.6	274	7	9.4	0.0		49
02/11/2023 16:10	7.7	273	6	9.6	0.0		51



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/11/2023 16:20	8.1	277	5	10.1	0.0		53
02/11/2023 16:30	7.4	275	7	9.5	0.0		55
02/11/2023 16:40	7.2	273	7	9.1	0.0		55
02/11/2023 16:50	7.3	268	6	9.6	0.0		54
02/11/2023 17:00	8.1	273	6	10.6	0.0		55
02/11/2023 17:10	7.9	271	6	9.8	0.0		56
02/11/2023 17:20	7.5	269	7	9.2	0.0		55
02/11/2023 17:30	7.0	274	8	9.5	0.0		54
02/11/2023 17:40	7.3	276	6	9.4	0.0		52
02/11/2023 17:50	7.2	276	6	9.3	0.0		51
02/11/2023 18:00	6.8	278	6	9.3	0.0		50
02/11/2023 18:10	7.2	275	6	9.0	0.0		50
02/11/2023 18:20	6.9	276	5	8.5	0.0		50
02/11/2023 18:30	7.1	280	5	8.7	0.0		50
02/11/2023 18:40	6.6	277	5	8.9	0.0		50
02/11/2023 18:50	7.3	278	5	8.7	0.0		50
02/11/2023 19:00	6.5	276	6	8.8	0.0		49
02/11/2023 19:10	6.8	272	6	8.7	0.0		49
02/11/2023 19:20	6.9	273	6	9.0	0.0		49
02/11/2023 19:30	6.7	269	7	8.8	0.0		49
02/11/2023 19:40	7.6	269	5	10.1	0.0		49
02/11/2023 19:50	7.3	264	6	9.4	0.0		48
02/11/2023 20:00	6.9	267	6	9.4	0.0		48
02/11/2023 20:10	7.1	266	6	9.5	0.0		48
02/11/2023 20:20	7.0	273	6	9.1	0.0		48
02/11/2023 20:30	7.2	268	6	9.6	0.0		48
02/11/2023 20:40	7.5	270	6	9.8	0.0		48
02/11/2023 20:50	8.1	270	5	10.3	0.0		48
02/11/2023 21:00	6.9	270	6	9.2	0.0		47
02/11/2023 21:10	7.1	268	7	9.3	0.0		47
02/11/2023 21:20	7.4	267	6	9.7	0.0		47
02/11/2023 21:30	7.1	265	6	9.0	0.0		47
02/11/2023 21:40	6.5	271	7	8.6	0.0		47
02/11/2023 21:50	6.7	265	7	9.2	0.0		47
02/11/2023 22:00	6.8	265	6	8.6	0.0		47
02/11/2023 22:10	7.0	270	5	9.0	0.0		47
02/11/2023 22:20	6.6	270	5	8.3	0.0		47
02/11/2023 22:30	6.3	273	6	8.8	0.0		47
02/11/2023 22:40	6.7	268	5	8.9	0.0		47
02/11/2023 22:50	6.6	268	6	8.9	0.0		48
02/11/2023 23:00	6.3	268	6	8.3	0.0		49
02/11/2023 23:10	5.6	271	7	7.4	0.0		50
02/11/2023 23:20	5.5	274	7	7.3	0.0		51
02/11/2023 23:30	6.1	276	7	8.5	0.0		51
02/11/2023 23:40	6.1	269	6	8.1	0.0		51
02/11/2023 23:50	5.9	262	6	8.0	0.0		50
03/11/2023 00:00	5.7	262	7	7.9	0.0		50
03/11/2023 00:10	3.7	234	14	6.0	0.0		50



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/11/2023 00:20	3.9	230	6	4.9	0.0		49
03/11/2023 00:30	3.5	237	9	4.5	0.0		49
03/11/2023 00:40	3.6	249	10	5.1	0.0		48
03/11/2023 00:50	3.6	253	7	4.6	0.0		48
03/11/2023 01:00	4.5	254	7	6.5	0.0		48
03/11/2023 01:10	5.7	251	8	7.7	0.0		48
03/11/2023 01:20	6.4	257	7	8.1	0.0		48
03/11/2023 01:30	5.7	254	7	7.7	0.0		48
03/11/2023 01:40	6.7	257	6	8.4	0.0		48
03/11/2023 01:50	4.9	240	11	7.4	0.0		48
03/11/2023 02:00	4.2	239	9	5.8	0.0		47
03/11/2023 02:10	4.0	244	9	5.6	0.0		47
03/11/2023 02:20	5.6	253	6	8.3	0.0		47
03/11/2023 02:30	4.5	238	11	6.4	0.0		47
03/11/2023 02:40	5.5	250	9	7.1	0.0		47
03/11/2023 02:50	3.5	265	8	6.1	0.0		47
03/11/2023 03:00	2.5	268	12	4.1	0.0		47
03/11/2023 03:10	3.2	317	18	4.7	0.0		47
03/11/2023 03:20	3.6	164	15	4.8	0.0		46
03/11/2023 03:30	3.8	302	16	5.7	0.0		46
03/11/2023 03:40	3.0	284	12	5.7	0.0		45
03/11/2023 03:50	5.2	280	7	7.4	0.0		45
03/11/2023 04:00	5.4	277	6	7.6	0.0		44
03/11/2023 04:10	5.4	286	6	7.6	0.0		44
03/11/2023 04:20	6.1	283	8	7.8	0.0		44
03/11/2023 04:30	6.3	280	7	8.7	0.0		44
03/11/2023 04:40	5.3	275	6	7.7	0.0		45
03/11/2023 04:50	5.6	264	6	7.7	0.0		45
03/11/2023 05:00	5.7	263	7	7.5	0.0		45
03/11/2023 05:10	4.7	283	9	6.9	0.0		45
03/11/2023 05:20	6.4	280	10	8.3	0.0		45
03/11/2023 05:30	5.6	272	7	7.5	0.0		45
03/11/2023 05:40	4.8	284	9	6.7	0.0		45
03/11/2023 05:50	7.0	286	8	9.0	0.0		45
03/11/2023 06:00	6.1	281	8	9.4	0.0		45
03/11/2023 06:10	6.4	280	7	8.6	0.0		46
03/11/2023 06:20	6.5	268	7	9.5	0.0		45
03/11/2023 06:30	7.5	267	6	9.6	0.0		45
03/11/2023 06:40	7.2	258	7	9.3	0.0		45
03/11/2023 06:50	6.1	250	7	7.9	0.0		45
03/11/2023 07:00	5.8	254	8	7.8	0.0		46
03/11/2023 07:10	5.7	250	8	7.7	0.0		47
03/11/2023 07:20	5.4	248	10	7.6	0.0		48
03/11/2023 07:30	5.6	239	10	7.5	0.0		47
03/11/2023 07:40	4.7	235	9	8.0	0.0		47
03/11/2023 07:50	4.5	230	10	7.3	0.0		49
03/11/2023 08:00	4.1	239	14	7.2	0.0		51
03/11/2023 08:10	4.9	239	12	7.4	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/11/2023 08:20	4.8	226	11	7.7	0.0		52
03/11/2023 08:30	4.1	212	18	7.8	0.0		53
03/11/2023 08:40	2.9	202	17	6.0	0.0		51
03/11/2023 08:50	2.3	196	16	4.0	0.0		49
03/11/2023 09:00	2.0	216	17	3.6	0.0		45
03/11/2023 09:10	3.3	202	15	5.1	0.0		43
03/11/2023 09:20	3.4	200	15	5.0	0.0		41
03/11/2023 09:30	3.7	220	13	6.1	0.0		41
03/11/2023 09:40	2.7	235	18	4.3	0.0		40
03/11/2023 09:50	3.4	247	14	5.3	0.0		38
03/11/2023 10:00	3.6	241	14	5.2	0.0		38
03/11/2023 10:10	3.7	223	10	5.7	0.0		38
03/11/2023 10:20	3.3	222	10	4.5	0.0		37
03/11/2023 10:30	4.1	244	13	5.9	0.0		33
03/11/2023 10:40	4.0	240	12	5.4	0.0		31
03/11/2023 10:50	5.9	257	7	7.4	0.0		29
03/11/2023 11:00	5.3	270	7	7.0	0.0		35
03/11/2023 11:10	6.4	270	7	8.5	0.0		42
03/11/2023 11:20	6.8	265	6	8.2	0.0		50
03/11/2023 11:30	6.9	262	6	8.6	0.0		46
03/11/2023 11:40	6.6	258	6	8.8	0.0		45
03/11/2023 11:50	7.4	264	7	10.1	0.0		47
03/11/2023 12:00	7.1	261	6	8.5	0.0		49
03/11/2023 12:10	6.8	267	7	8.6	0.0		47
03/11/2023 12:20	5.9	265	6	7.3	0.0		45
03/11/2023 12:30	6.0	266	7	7.8	0.0		40
03/11/2023 12:40	6.5	268	6	8.5	0.0		44
03/11/2023 12:50	6.7	269	5	8.2	0.0		45
03/11/2023 13:00	6.7	270	6	8.3	0.0		46
03/11/2023 13:10	6.1	271	6	7.8	0.0		43
03/11/2023 13:20	6.3	268	7	7.6	0.0		37
03/11/2023 13:30	6.3	268	7	8.0	0.0		37
03/11/2023 13:40	6.8	270	8	8.7	0.0		38
03/11/2023 13:50	6.6	268	8	8.4	0.0		40
03/11/2023 14:00	7.1	277	7	9.3	0.0		43
03/11/2023 14:10	6.1	275	9	8.2	0.0		48
03/11/2023 14:20	6.2	271	9	8.2	0.0		46
03/11/2023 14:30	5.8	273	9	7.6	0.0		47
03/11/2023 14:40	5.9	267	9	8.1	0.0		46
03/11/2023 14:50	6.1	279	8	8.0	0.0		46
03/11/2023 15:00	6.2	273	9	7.8	0.0		47
03/11/2023 15:10	5.8	274	10	7.8	0.0		46
03/11/2023 15:20	5.6	276	10	7.0	0.0		46
03/11/2023 15:30	6.1	274	9	7.7	0.0		46
03/11/2023 15:40	6.4	275	6	8.0	0.0		45
03/11/2023 15:50	6.8	275	6	8.1	0.0		43
03/11/2023 16:00	6.4	278	7	8.2	0.0		44
03/11/2023 16:10	7.3	283	5	9.6	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/11/2023 16:20	6.7	279	7	8.7	0.0		55
03/11/2023 16:30	6.5	274	10	8.5	0.0		54
03/11/2023 16:40	6.4	281	7	8.4	0.0		55
03/11/2023 16:50	7.0	277	7	8.6	0.0		54
03/11/2023 17:00	7.3	280	6	9.1	0.0		55
03/11/2023 17:10	6.8	282	6	8.5	0.0		56
03/11/2023 17:20	6.0	281	5	7.6	0.0		55
03/11/2023 17:30	6.1	282	5	7.8	0.0		55
03/11/2023 17:40	6.1	281	5	7.8	0.0		56
03/11/2023 17:50	5.7	278	5	7.6	0.0		56
03/11/2023 18:00	5.1	271	6	6.4	0.0		56
03/11/2023 18:10	5.2	270	7	7.1	0.0		57
03/11/2023 18:20	5.3	269	7	7.0	0.0		57
03/11/2023 18:30	4.8	268	8	6.5	0.0		57
03/11/2023 18:40	5.5	266	7	7.0	0.0		57
03/11/2023 18:50	5.6	264	6	7.3	0.0		57
03/11/2023 19:00	5.6	264	6	7.0	0.0		57
03/11/2023 19:10	5.5	265	6	7.1	0.0		56
03/11/2023 19:20	5.6	266	6	7.0	0.0		56
03/11/2023 19:30	6.0	266	6	7.4	0.0		55
03/11/2023 19:40	5.8	266	6	7.4	0.0		55
03/11/2023 19:50	5.9	266	5	7.0	0.0		55
03/11/2023 20:00	5.6	266	7	7.3	0.0		54
03/11/2023 20:10	5.8	266	5	7.1	0.0		54
03/11/2023 20:20	5.7	267	5	7.9	0.0		54
03/11/2023 20:30	5.4	268	7	7.2	0.0		54
03/11/2023 20:40	5.3	270	5	6.6	0.0		55
03/11/2023 20:50	5.5	271	6	7.0	0.0		55
03/11/2023 21:00	5.7	268	6	7.0	0.0		55
03/11/2023 21:10	5.6	266	5	7.2	0.0		55
03/11/2023 21:20	5.6	266	5	6.9	0.0		55
03/11/2023 21:30	6.1	263	5	7.4	0.0		54
03/11/2023 21:40	6.1	264	5	7.8	0.0		54
03/11/2023 21:50	5.5	263	5	6.9	0.0		54
03/11/2023 22:00	5.2	263	6	6.8	0.0		55
03/11/2023 22:10	5.3	264	6	6.8	0.0		56
03/11/2023 22:20	5.7	263	5	7.0	0.0		56
03/11/2023 22:30	5.6	261	4	7.2	0.0		57
03/11/2023 22:40	4.8	264	5	5.9	0.0		57
03/11/2023 22:50	5.8	265	5	7.2	0.0		56
03/11/2023 23:00	6.2	263	5	7.5	0.0		56
03/11/2023 23:10	6.0	264	5	7.1	0.0		55
03/11/2023 23:20	5.9	265	4	7.3	0.0		55
03/11/2023 23:30	5.8	265	6	7.3	0.0		54
03/11/2023 23:40	5.6	265	5	7.2	0.0		54
03/11/2023 23:50	5.3	265	5	7.0	0.0		54
04/11/2023 00:00	5.7	263	4	7.0	0.0		53
04/11/2023 00:10	5.6	261	5	7.3	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/11/2023 00:20	6.1	262	5	7.9	0.0		53
04/11/2023 00:30	6.4	262	5	8.3	0.0		53
04/11/2023 00:40	6.2	262	6	8.3	0.0		54
04/11/2023 00:50	5.7	266	6	7.4	0.0		54
04/11/2023 01:00	6.1	266	5	8.1	0.0		54
04/11/2023 01:10	5.9	265	5	7.9	0.0		54
04/11/2023 01:20	6.1	266	5	8.1	0.0		54
04/11/2023 01:30	6.4	264	6	8.1	0.0		54
04/11/2023 01:40	6.0	264	5	7.6	0.0		55
04/11/2023 01:50	6.2	265	5	7.6	0.0		55
04/11/2023 02:00	6.1	266	4	7.5	0.0		55
04/11/2023 02:10	6.1	267	5	8.1	0.0		55
04/11/2023 02:20	6.0	267	4	7.4	0.0		55
04/11/2023 02:30	5.8	270	4	7.5	0.0		55
04/11/2023 02:40	5.5	268	4	6.7	0.0		55
04/11/2023 02:50	5.7	268	4	6.8	0.0		55
04/11/2023 03:00	5.0	270	4	6.3	0.0		55
04/11/2023 03:10	5.2	271	3	6.4	0.0		55
04/11/2023 03:20	5.4	269	4	6.5	0.0		55
04/11/2023 03:30	5.5	270	4	6.9	0.0		56
04/11/2023 03:40	5.9	267	3	7.2	0.0		56
04/11/2023 03:50	5.7	267	4	6.8	0.0		56
04/11/2023 04:00	5.6	269	4	7.1	0.0		56
04/11/2023 04:10	5.2	270	4	6.5	0.0		56
04/11/2023 04:20	4.8	269	4	6.0	0.0		56
04/11/2023 04:30	4.5	271	4	5.5	0.0		56
04/11/2023 04:40	4.5	271	3	5.5	0.0		56
04/11/2023 04:50	4.2	270	4	5.3	0.0		56
04/11/2023 05:00	3.8	270	4	4.8	0.0		56
04/11/2023 05:10	3.2	268	4	3.7	0.0		56
04/11/2023 05:20	2.9	269	5	3.9	0.0		56
04/11/2023 05:30	3.6	268	4	4.3	0.0		56
04/11/2023 05:40	3.8	266	4	4.7	0.0		56
04/11/2023 05:50	3.9	268	4	4.9	0.0		57
04/11/2023 06:00	3.2	271	3	3.7	0.0		57
04/11/2023 06:10	3.0	269	2	3.4	0.0		57
04/11/2023 06:20	3.1	267	3	3.7	0.0		57
04/11/2023 06:30	3.8	273	5	4.7	0.0		56
04/11/2023 06:40	3.9	272	5	4.9	0.0		54
04/11/2023 06:50	3.8	264	5	5.1	0.0		53
04/11/2023 07:00	3.9	270	5	5.1	0.0		51
04/11/2023 07:10	3.8	263	4	4.5	0.0		49
04/11/2023 07:20	3.6	271	7	4.4	0.0		44
04/11/2023 07:30	2.8	286	10	4.2	0.0		36
04/11/2023 07:40	2.4	283	17	3.9	0.0		35
04/11/2023 07:50	2.1	269	12	3.3	0.0		35
04/11/2023 08:00	1.7	272	21	2.7	0.0		32
04/11/2023 08:10	1.8	276	16	3.1	0.0		30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/11/2023 08:20	1.9	245	17	3.5	0.0		28
04/11/2023 08:30	2.6	218	15	4.3	0.0		27
04/11/2023 08:40	2.3	216	14	3.5	0.0		27
04/11/2023 08:50	2.7	185	16	3.9	0.0		26
04/11/2023 09:00	2.8	180	19	4.7	0.0		23
04/11/2023 09:10	3.6	170	17	5.5	0.0		21
04/11/2023 09:20	3.1	177	17	4.5	0.0		21
04/11/2023 09:30	2.8	170	18	4.5	0.0		20
04/11/2023 09:40	2.3	138	21	4.1	0.0		19
04/11/2023 09:50	3.1	100	13	4.3	0.0		23
04/11/2023 10:00	2.5	105	14	4.4	0.0		23
04/11/2023 10:10	2.4	114	19	3.7	0.0		19
04/11/2023 10:20	2.7	119	19	4.4	0.0		15
04/11/2023 10:30	2.3	108	23	3.7	0.0		18
04/11/2023 10:40	2.4	101	17	3.8	0.0		18
04/11/2023 10:50	2.6	114	21	4.1	0.0		17
04/11/2023 11:00	2.6	110	14	4.1	0.0		17
04/11/2023 11:10	2.4	90	17	3.8	0.0		14
04/11/2023 11:20	2.3	85	16	4.2	0.0		14
04/11/2023 11:30	2.5	86	15	4.0	0.0		15
04/11/2023 11:40	2.7	88	18	4.8	0.0		14
04/11/2023 11:50	3.6	76	15	5.4	0.0		13
04/11/2023 12:00	3.1	53	21	5.2	0.0		12
04/11/2023 12:10	3.0	62	18	4.6	0.0		12
04/11/2023 12:20	4.2	68	13	6.7	0.0		13
04/11/2023 12:30	4.2	47	16	6.3	0.0		15
04/11/2023 12:40	3.5	20	17	5.2	0.0		20
04/11/2023 12:50	3.0	27	22	4.3	0.0		22
04/11/2023 13:00	3.2	27	16	4.5	0.0		24
04/11/2023 13:10	4.4	16	13	6.1	0.0		25
04/11/2023 13:20	3.9	7	11	5.8	0.0		27
04/11/2023 13:30	3.7	182	25	6.3	0.0		29
04/11/2023 13:40	3.6	345	22	5.5	0.0		33
04/11/2023 13:50	4.4	326	15	6.4	0.0		35
04/11/2023 14:00	3.9	338	14	5.9	0.0		33
04/11/2023 14:10	4.4	337	14	6.3	0.0		33
04/11/2023 14:20	4.6	325	12	6.6	0.0		35
04/11/2023 14:30	5.3	322	6	6.7	0.0		33
04/11/2023 14:40	4.8	319	12	6.4	0.0		35
04/11/2023 14:50	4.0	308	18	6.3	0.0		35
04/11/2023 15:00	5.1	301	10	7.4	0.0		33
04/11/2023 15:10	4.4	296	13	6.1	0.0		33
04/11/2023 15:20	5.0	291	10	6.9	0.0		31
04/11/2023 15:30	5.0	295	8	7.0	0.0		28
04/11/2023 15:40	4.9	291	9	6.6	0.0		24
04/11/2023 15:50	4.8	292	8	6.3	0.0		25
04/11/2023 16:00	5.5	294	9	7.7	0.0		24
04/11/2023 16:10	5.5	280	8	7.0	0.0		36



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/11/2023 16:20	5.4	272	9	7.1	0.0		43
04/11/2023 16:30	5.5	263	7	6.7	0.0		44
04/11/2023 16:40	5.4	262	7	6.5	0.0		44
04/11/2023 16:50	6.1	269	5	7.2	0.0		44
04/11/2023 17:00	6.3	275	7	7.8	0.0		44
04/11/2023 17:10	5.8	272	6	7.3	0.0		46
04/11/2023 17:20	6.2	276	6	7.4	0.0		45
04/11/2023 17:30	5.9	273	5	7.3	0.0		48
04/11/2023 17:40	6.3	271	4	7.7	0.0		49
04/11/2023 17:50	5.6	271	6	6.9	0.0		52
04/11/2023 18:00	5.7	270	5	7.4	0.0		56
04/11/2023 18:10	5.8	275	6	6.9	0.0		57
04/11/2023 18:20	5.8	277	6	6.9	0.0		57
04/11/2023 18:30	5.6	275	6	7.2	0.0		57
04/11/2023 18:40	5.6	276	6	7.5	0.0		57
04/11/2023 18:50	5.8	275	5	7.7	0.0		57
04/11/2023 19:00	5.6	272	6	7.3	0.0		56
04/11/2023 19:10	5.4	273	6	7.0	0.0		56
04/11/2023 19:20	5.8	270	6	7.3	0.0		56
04/11/2023 19:30	5.3	264	7	6.8	0.0		56
04/11/2023 19:40	5.9	268	5	7.6	0.0		56
04/11/2023 19:50	5.8	263	5	7.5	0.0		56
04/11/2023 20:00	6.2	267	6	8.3	0.0		56
04/11/2023 20:10	6.7	266	7	8.7	0.0		56
04/11/2023 20:20	6.6	265	6	8.8	0.0		56
04/11/2023 20:30	6.6	267	6	8.6	0.0		57
04/11/2023 20:40	6.6	266	6	8.3	0.0		57
04/11/2023 20:50	6.5	268	5	8.1	0.0		57
04/11/2023 21:00	6.2	266	6	7.7	0.0		57
04/11/2023 21:10	6.4	262	5	8.0	0.0		57
04/11/2023 21:20	6.1	265	5	7.5	0.0		56
04/11/2023 21:30	5.9	264	6	7.8	0.0		57
04/11/2023 21:40	6.5	265	6	8.2	0.0		56
04/11/2023 21:50	6.1	263	6	7.9	0.0		57
04/11/2023 22:00	6.1	265	5	7.8	0.0		57
04/11/2023 22:10	5.2	261	6	7.0	0.0		57
04/11/2023 22:20	5.4	263	7	7.3	0.0		57
04/11/2023 22:30	5.4	262	6	6.9	0.0		57
04/11/2023 22:40	5.1	260	7	6.9	0.0		57
04/11/2023 22:50	4.9	265	6	6.0	0.0		57
04/11/2023 23:00	6.0	274	5	7.4	0.0		57
04/11/2023 23:10	5.2	273	6	7.0	0.0		57
04/11/2023 23:20	5.2	280	4	6.5	0.0		57
04/11/2023 23:30	5.2	278	5	7.1	0.0		58
04/11/2023 23:40	5.0	274	7	6.2	0.0		58
04/11/2023 23:50	5.4	270	6	6.8	0.0		58
05/11/2023 00:00	5.6	272	6	7.2	0.0		58
05/11/2023 00:10	5.0	271	6	6.7	0.0		58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/11/2023 00:20	5.2	275	6	6.7	0.0		58
05/11/2023 00:30	5.2	274	6	6.7	0.0		58
05/11/2023 00:40	4.9	275	5	5.9	0.0		58
05/11/2023 00:50	4.7	276	5	5.7	0.0		58
05/11/2023 01:00	4.7	277	5	6.0	0.0		58
05/11/2023 01:10	5.1	270	5	6.5	0.0		56
05/11/2023 01:20	5.1	265	6	6.4	0.0		56
05/11/2023 01:30	5.0	266	5	6.1	0.0		56
05/11/2023 01:40	4.8	267	5	5.9	0.0		56
05/11/2023 01:50	4.7	268	5	5.5	0.0		57
05/11/2023 02:00	4.9	260	5	5.8	0.0		57
05/11/2023 02:10	5.0	258	7	6.4	0.0		55
05/11/2023 02:20	4.8	259	4	5.4	0.0		55
05/11/2023 02:30	5.0	260	4	5.8	0.0		54
05/11/2023 02:40	4.6	260	4	5.6	0.0		55
05/11/2023 02:50	4.3	260	4	5.2	0.0		55
05/11/2023 03:00	4.4	261	4	5.3	0.0		55
05/11/2023 03:10	4.7	261	4	5.5	0.0		54
05/11/2023 03:20	4.4	259	4	5.2	0.0		54
05/11/2023 03:30	4.4	258	5	5.6	0.0		55
05/11/2023 03:40	4.3	257	9	6.1	0.0		53
05/11/2023 03:50	3.5	259	8	4.5	0.0		53
05/11/2023 04:00	3.5	256	10	5.2	0.0		53
05/11/2023 04:10	4.0	248	14	6.9	0.0		49
05/11/2023 04:20	4.3	237	11	6.4	0.0		45
05/11/2023 04:30	4.1	239	11	5.8	0.0		44
05/11/2023 04:40	3.6	234	13	4.9	0.0		43
05/11/2023 04:50	4.2	221	14	6.8	0.0		41
05/11/2023 05:00	5.0	218	6	6.6	0.0		36
05/11/2023 05:10	5.3	218	7	7.0	0.0		34
05/11/2023 05:20	4.9	217	7	6.2	0.0		33
05/11/2023 05:30	4.8	216	7	5.9	0.0		33
05/11/2023 05:40	3.9	211	8	5.7	0.0		32
05/11/2023 05:50	3.8	211	8	5.6	0.0		31
05/11/2023 06:00	3.7	203	8	5.6	0.0		31
05/11/2023 06:10	3.8	192	9	5.8	0.0		31
05/11/2023 06:20	3.6	190	10	5.3	0.0		30
05/11/2023 06:30	3.4	189	12	5.2	0.0		30
05/11/2023 06:40	2.8	180	13	4.0	0.0		29
05/11/2023 06:50	2.8	165	17	4.4	0.0		26
05/11/2023 07:00	3.0	152	17	4.9	0.0		25
05/11/2023 07:10	3.7	143	15	5.8	0.0		24
05/11/2023 07:20	4.1	141	15	7.1	0.0		25
05/11/2023 07:30	3.6	122	19	6.7	0.0		29
05/11/2023 07:40	5.3	111	10	7.7	0.0		38
05/11/2023 07:50	6.5	109	11	10.6	0.0		42
05/11/2023 08:00	6.1	105	12	8.9	0.0		42
05/11/2023 08:10	6.4	97	11	9.6	0.0		44



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/11/2023 08:20	6.3	98	11	9.7	0.0		46
05/11/2023 08:30	7.2	93	9	10.1	0.0		48
05/11/2023 08:40	6.0	96	10	9.2	0.0		49
05/11/2023 08:50	6.8	94	9	9.3	0.0		50
05/11/2023 09:00	7.3	90	7	10.3	0.0		49
05/11/2023 09:10	7.3	93	8	10.0	0.0		50
05/11/2023 09:20	7.7	92	9	10.4	0.0		51
05/11/2023 09:30	7.6	87	7	10.3	0.0		48
05/11/2023 09:40	7.6	82	7	10.7	0.0		46
05/11/2023 09:50	7.9	77	8	10.4	0.0		46
05/11/2023 10:00	8.9	74	6	10.8	0.0		46
05/11/2023 10:10	9.0	76	7	11.8	0.0		44
05/11/2023 10:20	7.3	78	9	10.4	0.0		42
05/11/2023 10:30	6.4	78	9	9.1	0.0		41
05/11/2023 10:40	6.8	78	8	9.6	0.0		40
05/11/2023 10:50	6.4	76	9	8.9	0.0		38
05/11/2023 11:00	6.5	71	11	9.0	0.0		38
05/11/2023 11:10	7.0	80	9	9.9	0.0		36
05/11/2023 11:20	7.2	79	9	9.8	0.0		33
05/11/2023 11:30	6.7	81	10	9.0	0.0		32
05/11/2023 11:40	6.4	78	9	9.4	0.0		32
05/11/2023 11:50	6.1	72	10	8.7	0.0		32
05/11/2023 12:00	6.6	69	10	9.3	0.0		32
05/11/2023 12:10	7.1	63	9	9.4	0.0		32
05/11/2023 12:20	7.6	62	8	10.4	0.0		33
05/11/2023 12:30	7.5	60	7	10.1	0.0		33
05/11/2023 12:40	7.5	65	8	9.7	0.0		31
05/11/2023 12:50	7.6	64	8	10.4	0.0		32
05/11/2023 13:00	7.7	62	7	10.2	0.0		32
05/11/2023 13:10	7.0	58	8	9.4	0.0		34
05/11/2023 13:20	6.7	60	8	9.1	0.0		34
05/11/2023 13:30	7.0	63	8	9.5	0.0		35
05/11/2023 13:40	7.2	60	9	9.5	0.0		34
05/11/2023 13:50	7.5	55	8	10.5	0.0		34
05/11/2023 14:00	7.6	59	7	10.7	0.0		34
05/11/2023 14:10	7.2	57	8	9.9	0.0		33
05/11/2023 14:20	6.9	59	9	10.0	0.0		32
05/11/2023 14:30	7.6	61	8	10.1	0.0		30
05/11/2023 14:40	7.8	58	7	10.0	0.0		30
05/11/2023 14:50	8.5	59	6	11.1	0.0		30
05/11/2023 15:00	8.5	60	7	11.6	0.0		30
05/11/2023 15:10	8.7	60	6	11.4	0.0		30
05/11/2023 15:20	7.9	61	7	10.6	0.0		31
05/11/2023 15:30	7.9	62	8	10.4	0.0		32
05/11/2023 15:40	7.2	61	7	9.4	0.0		33
05/11/2023 15:50	6.2	61	8	8.8	0.0		33
05/11/2023 16:00	5.6	58	12	7.6	0.0		33
05/11/2023 16:10	6.8	32	9	9.1	0.0		30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/11/2023 16:20	6.3	35	10	8.8	0.0		32
05/11/2023 16:30	5.8	12	12	7.8	0.0		36
05/11/2023 16:40	5.8	14	8	8.0	0.0		40
05/11/2023 16:50	6.8	15	7	8.7	0.0		40
05/11/2023 17:00	7.8	16	6	9.9	0.0		40
05/11/2023 17:10	8.3	15	6	11.0	0.0		40
05/11/2023 17:20	7.7	13	8	9.8	0.0		40
05/11/2023 17:30	7.5	18	6	9.6	0.0		42
05/11/2023 17:40	7.0	21	8	9.2	0.0		43
05/11/2023 17:50	7.9	20	7	10.2	0.0		44
05/11/2023 18:00	6.8	21	7	8.8	0.0		46
05/11/2023 18:10	6.2	13	9	8.6	0.0		50
05/11/2023 18:20	5.3	179	9	7.1	0.0		56
05/11/2023 18:30	6.0	4	8	8.2	0.0		56
05/11/2023 18:40	5.9	5	8	8.2	0.0		56
05/11/2023 18:50	6.7	3	8	8.8	0.0		56
05/11/2023 19:00	6.3	181	7	8.6	0.0		57
05/11/2023 19:10	5.8	356	7	7.1	0.0		57
05/11/2023 19:20	5.0	356	8	6.9	0.0		57
05/11/2023 19:30	3.8	356	11	6.1	0.0		58
05/11/2023 19:40	3.7	176	11	5.7	0.0		59
05/11/2023 19:50	1.8	28	29	3.8	0.0		59
05/11/2023 20:00	1.4	56	42	2.8	0.0		59
05/11/2023 20:10	5.4	230	15	8.9	0.0		59
05/11/2023 20:20	3.0	263	18	6.3	0.0		59
05/11/2023 20:30	4.9	246	13	8.5	0.0		58
05/11/2023 20:40	1.7	238	13	3.3	0.0		57
05/11/2023 20:50	2.3	216	16	3.4	0.0		56
05/11/2023 21:00	1.8	182	15	3.0	0.0		56
05/11/2023 21:10	2.1	160	20	3.3	0.0		53
05/11/2023 21:20	1.9	151	13	3.3	0.0		56
05/11/2023 21:30	3.3	90	11	4.5	0.0		61
05/11/2023 21:40	2.3	122	15	3.5	0.0		59
05/11/2023 21:50	2.3	119	12	3.4	0.0		59
05/11/2023 22:00	1.4	124	24	2.6	0.0		59
05/11/2023 22:10	1.1	182	25	1.7	0.0		58
05/11/2023 22:20	1.0	189	44	2.0	0.0		58
05/11/2023 22:30	1.3	191	34	2.8	0.0		57
05/11/2023 22:40	1.3	180	44	1.9	0.0		55
05/11/2023 22:50	1.0	72	13	1.5	0.0		56
05/11/2023 23:00	1.3	53	26	2.2	0.0		58
05/11/2023 23:10	2.0	73	21	3.6	0.0		58
05/11/2023 23:20	1.4	90	12	2.5	0.0		57
05/11/2023 23:30	1.4	106	12	2.5	0.0		58
05/11/2023 23:40	1.7	96	10	2.8	0.0		59
05/11/2023 23:50	1.9	81	8	2.7	0.0		60
06/11/2023 00:00	1.3	82	9	1.7	0.0		60
06/11/2023 00:10	1.7	76	7	2.2	0.0		59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/11/2023 00:20	1.8	81	9	2.4	0.0		59
06/11/2023 00:30	2.3	68	7	3.0	0.0		59
06/11/2023 00:40	2.5	59	5	3.0	0.0		58
06/11/2023 00:50	2.5	58	6	3.1	0.0		57
06/11/2023 01:00	2.8	70	6	3.6	0.0		57
06/11/2023 01:10	2.3	56	7	3.0	0.0		57
06/11/2023 01:20	1.9	48	5	2.4	0.0		57
06/11/2023 01:30	1.2	78	22	2.0	0.0		57
06/11/2023 01:40	0.5	77	32	1.0	0.0		57
06/11/2023 01:50	1.4	61	12	1.8	0.0		57
06/11/2023 02:00	1.4	51	10	1.9	0.0		57
06/11/2023 02:10	0.6	74	25	1.0	0.0		57
06/11/2023 02:20	0.4	257	52	0.9	0.0		57
06/11/2023 02:30	0.8	50	20	1.3	0.0		57
06/11/2023 02:40	1.9	41	5	2.3	0.0		57
06/11/2023 02:50	2.6	39	4	3.0	0.0		57
06/11/2023 03:00	2.3	35	4	3.0	0.0		57
06/11/2023 03:10	1.9	56	8	2.5	0.0		57
06/11/2023 03:20	1.6	65	5	1.9	0.0		57
06/11/2023 03:30	1.3	51	4	1.6	0.0		57
06/11/2023 03:40	1.0	124	31	1.3	0.0		57
06/11/2023 03:50	0.7	38	50	1.2	0.0		57
06/11/2023 04:00	0.6	107	49	1.2	0.0		57
06/11/2023 04:10	0.7	55	49	1.3	0.0		57
06/11/2023 04:20	1.1	74	40	1.7	0.0		57
06/11/2023 04:30	1.2	142	15	1.9	0.0		56
06/11/2023 04:40	0.5	216	53	1.3	0.0		56
06/11/2023 04:50	0.6	174	41	0.9	0.0		55
06/11/2023 05:00	0.9	273	30	1.4	0.0		55
06/11/2023 05:10	2.1	263	8	2.7	0.0		55
06/11/2023 05:20	2.1	231	12	2.7	0.0		55
06/11/2023 05:30	1.7	220	16	2.6	0.0		55
06/11/2023 05:40	1.2	239	24	1.8	0.0		56
06/11/2023 05:50	0.9	247	31	1.6	0.0		56
06/11/2023 06:00	0.6	239	47	1.2	0.0		57
06/11/2023 06:10	0.6	231	36	1.3	0.0		57
06/11/2023 06:20	0.5	116	39	1.1	0.0		56
06/11/2023 06:30	0.7	25	33	1.3	0.0		55
06/11/2023 06:40	1.2	48	13	1.7	0.0		55
06/11/2023 06:50	0.8	130	44	1.4	0.0		52
06/11/2023 07:00	0.6	175	44	0.9	0.0		51
06/11/2023 07:10	0.7	261	29	1.1	0.0		53
06/11/2023 07:20	0.7	222	23	1.0	0.0		51
06/11/2023 07:30	1.2	190	10	1.6	0.0		52
06/11/2023 07:40	1.4	204	13	2.1	0.0		48
06/11/2023 07:50	1.9	193	11	2.8	0.0		45
06/11/2023 08:00	2.3	182	7	3.1	0.0		39
06/11/2023 08:10	2.0	182	9	2.9	0.0		38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/11/2023 08:20	2.4	182	11	3.3	0.0		36
06/11/2023 08:30	2.7	186	11	3.7	0.0		34
06/11/2023 08:40	2.5	177	14	3.6	0.0		30
06/11/2023 08:50	2.0	138	13	3.2	0.0		24
06/11/2023 09:00	2.2	130	16	3.9	0.0		24
06/11/2023 09:10	2.6	122	16	4.1	0.0		26
06/11/2023 09:20	2.8	121	19	4.2	0.0		29
06/11/2023 09:30	3.4	114	11	4.9	0.0		31
06/11/2023 09:40	2.9	110	13	4.2	0.0		31
06/11/2023 09:50	2.8	112	13	4.5	0.0		31
06/11/2023 10:00	2.9	113	14	4.1	0.0		29
06/11/2023 10:10	2.7	125	15	3.7	0.0		29
06/11/2023 10:20	2.9	118	15	4.3	0.0		26
06/11/2023 10:30	2.6	114	16	4.0	0.0		25
06/11/2023 10:40	2.5	127	17	4.1	0.0		24
06/11/2023 10:50	3.1	99	16	5.1	0.0		24
06/11/2023 11:00	3.4	87	14	4.8	0.0		24
06/11/2023 11:10	3.0	93	20	4.7	0.0		23
06/11/2023 11:20	3.3	65	16	5.0	0.0		25
06/11/2023 11:30	2.8	66	18	4.4	0.0		23
06/11/2023 11:40	3.1	72	15	4.6	0.0		22
06/11/2023 11:50	4.1	68	17	6.2	0.0		22
06/11/2023 12:00	4.6	62	11	6.5	0.0		22
06/11/2023 12:10	3.5	27	19	5.7	0.0		26
06/11/2023 12:20	3.8	351	12	5.6	0.0		29
06/11/2023 12:30	4.2	348	10	5.9	0.0		31
06/11/2023 12:40	4.4	342	12	6.2	0.0		34
06/11/2023 12:50	4.6	341	10	6.0	0.0		33
06/11/2023 13:00	4.0	339	12	5.4	0.0		32
06/11/2023 13:10	4.2	324	10	5.6	0.0		33
06/11/2023 13:20	4.5	323	9	5.7	0.0		33
06/11/2023 13:30	4.6	335	10	6.6	0.0		32
06/11/2023 13:40	4.8	341	11	6.8	0.0		33
06/11/2023 13:50	5.3	326	6	7.0	0.0		35
06/11/2023 14:00	5.8	321	5	7.0	0.0		34
06/11/2023 14:10	5.8	329	7	7.2	0.0		35
06/11/2023 14:20	5.8	324	6	7.0	0.0		35
06/11/2023 14:30	6.0	323	7	7.3	0.0		34
06/11/2023 14:40	5.9	322	4	7.1	0.0		32
06/11/2023 14:50	4.8	316	11	6.6	0.0		30
06/11/2023 15:00	4.6	300	10	6.7	0.0		31
06/11/2023 15:10	5.5	285	12	7.5	0.0		34
06/11/2023 15:20	6.0	285	9	7.9	0.0		33
06/11/2023 15:30	6.5	276	9	8.3	0.0		35
06/11/2023 15:40	5.1	287	7	6.5	0.0		39
06/11/2023 15:50	4.9	303	10	6.7	0.0		33
06/11/2023 16:00	5.5	312	12	7.7	0.0		33
06/11/2023 16:10	5.8	295	11	8.2	0.0		35



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/11/2023 16:20	5.6	289	13	7.5	0.0		34
06/11/2023 16:30	5.0	316	9	6.6	0.0		33
06/11/2023 16:40	6.8	328	6	8.7	0.0		31
06/11/2023 16:50	7.0	348	7	8.8	0.0		29
06/11/2023 17:00	5.7	330	24	9.3	0.0		29
06/11/2023 17:10	5.9	281	11	8.0	0.0		40
06/11/2023 17:20	6.3	263	10	9.7	0.0		40
06/11/2023 17:30	5.9	245	12	8.6	0.0		41
06/11/2023 17:40	6.4	255	11	8.2	0.0		37
06/11/2023 17:50	6.0	237	11	8.4	0.0		42
06/11/2023 18:00	5.8	259	6	7.6	0.0		37
06/11/2023 18:10	5.4	264	6	6.9	0.0		37
06/11/2023 18:20	4.5	256	8	6.0	0.0		36
06/11/2023 18:30	3.7	263	11	4.9	0.0		37
06/11/2023 18:40	3.7	272	7	5.0	0.0		36
06/11/2023 18:50	4.0	263	6	5.0	0.0		36
06/11/2023 19:00	3.6	253	12	5.1	0.0		35
06/11/2023 19:10	4.1	250	10	5.9	0.0		38
06/11/2023 19:20	4.5	277	8	5.9	0.0		39
06/11/2023 19:30	5.0	263	9	6.6	0.0		38
06/11/2023 19:40	5.4	241	10	8.4	0.0		35
06/11/2023 19:50	6.9	226	9	10.2	0.0		36
06/11/2023 20:00	6.7	225	9	10.0	0.0		38
06/11/2023 20:10	6.4	219	9	10.0	0.0		35
06/11/2023 20:20	5.4	211	8	7.6	0.0		33
06/11/2023 20:30	4.5	225	11	6.4	0.0		33
06/11/2023 20:40	5.2	232	8	7.8	0.1		33
06/11/2023 20:50	5.8	221	8	7.8	0.0		35
06/11/2023 21:00	7.8	223	9	11.2	0.0		32
06/11/2023 21:10	9.9	222	8	15.1	0.1		28
06/11/2023 21:20	7.4	205	9	10.0	0.0		27
06/11/2023 21:30	8.1	203	6	11.1	0.0		30
06/11/2023 21:40	6.7	208	7	9.4	0.0		31
06/11/2023 21:50	4.8	209	9	6.7	0.0		28
06/11/2023 22:00	3.5	193	11	5.4	0.0		28
06/11/2023 22:10	2.6	178	14	3.9	0.0		29
06/11/2023 22:20	2.8	162	13	4.1	0.0		28
06/11/2023 22:30	3.1	173	13	4.6	0.0		27
06/11/2023 22:40	2.6	176	13	4.5	0.0		27
06/11/2023 22:50	2.7	159	20	4.6	0.0		25
06/11/2023 23:00	3.1	180	14	4.9	0.0		26
06/11/2023 23:10	4.8	196	10	7.9	0.0		26
06/11/2023 23:20	5.4	205	8	7.5	0.0		27
06/11/2023 23:30	6.0	203	8	8.2	0.0		27
06/11/2023 23:40	5.5	196	12	9.0	0.0		26
06/11/2023 23:50	5.4	192	10	8.9	0.0		25
07/11/2023 00:00	5.8	193	10	8.6	0.0		24
07/11/2023 00:10	6.2	190	11	9.8	0.0		23



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/11/2023 00:20	6.4	188	9	9.3	0.0		22
07/11/2023 00:30	5.3	193	11	7.8	0.0		22
07/11/2023 00:40	5.9	191	11	9.0	0.0		22
07/11/2023 00:50	5.6	194	10	9.2	0.0		22
07/11/2023 01:00	6.7	189	11	9.7	0.0		22
07/11/2023 01:10	5.7	193	10	8.1	0.0		22
07/11/2023 01:20	5.4	195	11	8.3	0.0		22
07/11/2023 01:30	6.1	200	10	9.8	0.0		22
07/11/2023 01:40	6.7	200	11	9.8	0.0		22
07/11/2023 01:50	7.1	201	9	10.4	0.0		22
07/11/2023 02:00	6.6	198	8	9.5	0.0		22
07/11/2023 02:10	6.2	203	8	9.0	0.0		23
07/11/2023 02:20	7.0	205	7	9.7	0.0		23
07/11/2023 02:30	6.7	202	8	9.3	0.0		24
07/11/2023 02:40	5.8	198	9	8.2	0.0		24
07/11/2023 02:50	6.2	200	9	8.6	0.0		24
07/11/2023 03:00	7.2	203	8	10.3	0.0		24
07/11/2023 03:10	8.0	204	9	11.5	0.0		24
07/11/2023 03:20	7.5	203	8	10.3	0.0		25
07/11/2023 03:30	8.6	203	9	11.7	0.0		25
07/11/2023 03:40	7.2	199	9	10.4	0.0		26
07/11/2023 03:50	7.3	204	9	10.6	0.0		26
07/11/2023 04:00	7.4	202	10	10.6	0.0		26
07/11/2023 04:10	6.9	196	11	10.9	0.0		25
07/11/2023 04:20	5.1	191	12	8.9	0.0		26
07/11/2023 04:30	5.6	195	12	9.1	0.0		26
07/11/2023 04:40	6.2	200	10	9.1	0.0		26
07/11/2023 04:50	7.8	199	11	11.5	0.0		26
07/11/2023 05:00	8.1	201	8	12.4	0.0		26
07/11/2023 05:10	8.1	201	8	12.1	0.0		27
07/11/2023 05:20	7.9	203	8	11.6	0.0		28
07/11/2023 05:30	7.9	202	9	10.8	0.0		28
07/11/2023 05:40	6.5	195	10	9.2	0.0		28
07/11/2023 05:50	5.9	189	12	9.2	0.0		29
07/11/2023 06:00	6.1	191	11	9.6	0.0		29
07/11/2023 06:10	6.5	203	9	9.3	0.0		29
07/11/2023 06:20	5.8	206	9	8.6	0.0		29
07/11/2023 06:30	7.3	208	10	10.2	0.0		28
07/11/2023 06:40	6.9	215	8	10.1	0.0		30
07/11/2023 06:50	6.6	219	11	9.2	0.0		32
07/11/2023 07:00	8.1	211	8	11.9	0.0		28
07/11/2023 07:10	7.8	206	9	11.1	0.0		27
07/11/2023 07:20	7.3	194	11	12.4	0.0		26
07/11/2023 07:30	6.8	193	12	10.8	0.0		26
07/11/2023 07:40	6.5	189	13	10.7	0.0		25
07/11/2023 07:50	7.2	195	11	11.3	0.0		25
07/11/2023 08:00	8.3	206	9	12.3	0.0		24
07/11/2023 08:10	9.6	209	11	13.6	0.2		24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/11/2023 08:20	9.3	207	9	13.3	0.0		23
07/11/2023 08:30	9.7	205	8	14.5	0.0		23
07/11/2023 08:40	9.8	205	10	14.2	0.0		23
07/11/2023 08:50	12.4	204	10	17.4	0.1		23
07/11/2023 09:00	12.0	206	10	16.0	0.2		23
07/11/2023 09:10	10.5	197	10	16.2	0.0		23
07/11/2023 09:20	11.2	201	10	15.4	0.1		22
07/11/2023 09:30	11.4	205	10	16.4	0.0		22
07/11/2023 09:40	9.9	198	10	14.2	0.0		22
07/11/2023 09:50	9.7	202	11	13.6	0.0		21
07/11/2023 10:00	9.1	205	11	12.8	0.0		21
07/11/2023 10:10	11.5	204	9	15.6	0.2		20
07/11/2023 10:20	11.5	207	9	16.0	0.0		21
07/11/2023 10:30	11.4	204	11	15.8	0.0		21
07/11/2023 10:40	9.5	205	9	12.7	0.0		20
07/11/2023 10:50	8.8	211	11	12.6	0.0		21
07/11/2023 11:00	8.1	215	10	12.6	0.0		23
07/11/2023 11:10	7.6	217	11	11.4	0.0		24
07/11/2023 11:20	7.5	220	11	10.9	0.0		25
07/11/2023 11:30	7.5	224	9	11.7	0.0		24
07/11/2023 11:40	8.2	223	10	12.2	0.1		23
07/11/2023 11:50	9.0	226	9	12.6	0.1		24
07/11/2023 12:00	8.6	227	8	12.7	0.1		24
07/11/2023 12:10	7.5	221	10	10.4	0.0		24
07/11/2023 12:20	8.7	223	10	13.6	0.0		25
07/11/2023 12:30	9.5	207	11	13.3	0.0		21
07/11/2023 12:40	9.0	212	8	12.9	0.0		20
07/11/2023 12:50	8.9	214	11	13.5	0.2		19
07/11/2023 13:00	9.5	212	10	12.5	0.0		18
07/11/2023 13:10	13.7	223	9	20.5	0.5		22
07/11/2023 13:20	11.5	240	11	18.9	0.7		24
07/11/2023 13:30	9.1	246	11	13.7	0.0		26
07/11/2023 13:40	8.6	244	9	12.7	0.1		29
07/11/2023 13:50	9.0	232	9	13.0	0.1		31
07/11/2023 14:00	10.1	226	8	14.1	0.3		34
07/11/2023 14:10	10.8	228	8	14.9	1.2		28
07/11/2023 14:20	9.6	228	7	13.2	0.1		25
07/11/2023 14:30	11.7	233	9	18.0	1.6		24
07/11/2023 14:40	9.7	249	11	14.6	0.8		27
07/11/2023 14:50	11.4	255	12	15.7	0.2		35
07/11/2023 15:00	11.0	260	8	15.2	0.0		38
07/11/2023 15:10	6.9	246	13	9.8	0.0		37
07/11/2023 15:20	6.7	270	9	9.1	0.0		39
07/11/2023 15:30	6.0	269	7	8.0	0.0		46
07/11/2023 15:40	5.6	268	6	6.9	0.0		48
07/11/2023 15:50	4.5	259	7	5.8	0.0		50
07/11/2023 16:00	4.6	258	6	6.1	0.0		48
07/11/2023 16:10	4.0	262	6	5.3	0.0		45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/11/2023 16:20	3.8	268	8	5.2	0.0		44
07/11/2023 16:30	3.5	259	9	4.8	0.0		43
07/11/2023 16:40	3.9	247	8	5.3	0.0		41
07/11/2023 16:50	4.5	252	4	5.6	0.0		39
07/11/2023 17:00	4.0	245	8	5.2	0.0		37
07/11/2023 17:10	4.2	225	12	5.9	0.0		40
07/11/2023 17:20	3.9	242	9	5.3	0.0		39
07/11/2023 17:30	2.9	255	13	4.2	0.0		37
07/11/2023 17:40	3.0	253	15	4.7	0.0		35
07/11/2023 17:50	3.2	248	12	5.1	0.0		36
07/11/2023 18:00	3.8	243	10	5.7	0.0		36
07/11/2023 18:10	3.2	253	11	4.6	0.0		34
07/11/2023 18:20	3.6	261	12	5.4	0.0		33
07/11/2023 18:30	3.2	266	9	4.3	0.0		34
07/11/2023 18:40	3.2	277	8	4.3	0.0		36
07/11/2023 18:50	3.4	271	7	4.4	0.0		38
07/11/2023 19:00	3.6	274	8	4.6	0.0		37
07/11/2023 19:10	3.8	280	5	4.7	0.0		35
07/11/2023 19:20	3.7	275	5	4.7	0.0		34
07/11/2023 19:30	4.1	276	4	5.4	0.0		35
07/11/2023 19:40	4.3	278	4	5.5	0.0		36
07/11/2023 19:50	4.1	278	5	4.9	0.0		36
07/11/2023 20:00	4.2	279	5	5.2	0.0		37
07/11/2023 20:10	4.0	275	5	5.1	0.0		39
07/11/2023 20:20	3.4	277	6	4.3	0.0		41
07/11/2023 20:30	3.8	280	6	4.6	0.0		41
07/11/2023 20:40	3.5	276	5	4.4	0.0		42
07/11/2023 20:50	3.7	281	6	4.8	0.0		43
07/11/2023 21:00	3.8	279	6	4.9	0.0		42
07/11/2023 21:10	4.0	278	6	5.3	0.0		41
07/11/2023 21:20	5.0	277	6	6.7	0.0		40
07/11/2023 21:30	4.5	280	5	5.7	0.0		42
07/11/2023 21:40	4.6	276	5	5.8	0.0		42
07/11/2023 21:50	4.5	273	6	6.0	0.0		40
07/11/2023 22:00	4.5	273	5	5.7	0.0		38
07/11/2023 22:10	5.0	273	5	6.0	0.0		37
07/11/2023 22:20	4.8	270	5	6.5	0.0		37
07/11/2023 22:30	4.8	272	5	5.7	0.0		40
07/11/2023 22:40	5.3	272	5	6.7	0.0		42
07/11/2023 22:50	5.4	272	5	6.7	0.0		42
07/11/2023 23:00	5.5	272	5	7.2	0.0		41
07/11/2023 23:10	5.6	274	5	7.7	0.0		40
07/11/2023 23:20	5.6	267	6	7.4	0.0		41
07/11/2023 23:30	5.8	272	6	7.3	0.0		41
07/11/2023 23:40	6.3	277	7	8.4	0.0		44
07/11/2023 23:50	6.2	266	6	8.2	0.0		47
08/11/2023 00:00	5.3	261	6	6.6	0.0		47
08/11/2023 00:10	5.6	264	7	7.6	0.0		48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/11/2023 00:20	5.6	262	6	7.4	0.0		49
08/11/2023 00:30	5.8	254	5	8.0	0.0		51
08/11/2023 00:40	6.1	251	7	8.3	0.0		52
08/11/2023 00:50	6.0	255	5	7.6	0.0		54
08/11/2023 01:00	5.6	257	5	7.1	0.0		55
08/11/2023 01:10	5.5	261	5	7.0	0.0		56
08/11/2023 01:20	5.7	256	6	6.7	0.0		55
08/11/2023 01:30	5.5	253	7	7.6	0.0		53
08/11/2023 01:40	5.9	247	9	7.8	0.0		50
08/11/2023 01:50	5.8	241	9	8.3	0.0		49
08/11/2023 02:00	5.8	240	10	8.1	0.0		50
08/11/2023 02:10	6.3	241	10	9.7	0.0		50
08/11/2023 02:20	6.2	241	10	8.9	0.0		48
08/11/2023 02:30	6.1	240	10	8.8	0.0		48
08/11/2023 02:40	6.0	239	10	8.5	0.0		49
08/11/2023 02:50	5.8	239	10	8.4	0.0		49
08/11/2023 03:00	5.2	242	10	7.9	0.0		49
08/11/2023 03:10	4.7	249	11	6.8	0.0		48
08/11/2023 03:20	5.2	264	10	8.2	0.0		48
08/11/2023 03:30	4.4	270	8	6.1	0.0		51
08/11/2023 03:40	4.0	263	9	5.4	0.0		50
08/11/2023 03:50	4.8	260	7	6.3	0.0		49
08/11/2023 04:00	4.5	258	6	6.0	0.0		47
08/11/2023 04:10	5.1	260	5	6.4	0.0		46
08/11/2023 04:20	4.6	261	6	5.7	0.0		45
08/11/2023 04:30	5.3	271	4	6.5	0.0		43
08/11/2023 04:40	5.3	273	4	6.3	0.0		43
08/11/2023 04:50	5.6	276	5	6.6	0.0		41
08/11/2023 05:00	5.4	274	4	6.3	0.0		41
08/11/2023 05:10	5.5	276	5	6.9	0.0		41
08/11/2023 05:20	4.8	279	6	6.3	0.0		43
08/11/2023 05:30	4.9	279	5	6.4	0.0		45
08/11/2023 05:40	5.7	280	5	6.9	0.0		43
08/11/2023 05:50	5.4	280	5	6.7	0.0		41
08/11/2023 06:00	5.4	282	4	6.4	0.0		40
08/11/2023 06:10	5.7	278	4	6.9	0.0		39
08/11/2023 06:20	5.0	270	6	6.3	0.0		40
08/11/2023 06:30	5.1	277	6	6.6	0.0		40
08/11/2023 06:40	4.1	276	7	5.3	0.0		39
08/11/2023 06:50	4.2	277	8	5.9	0.0		37
08/11/2023 07:00	3.7	274	8	4.9	0.0		35
08/11/2023 07:10	3.4	265	8	4.8	0.0		30
08/11/2023 07:20	2.7	277	8	3.9	0.0		28
08/11/2023 07:30	2.3	284	11	3.5	0.0		26
08/11/2023 07:40	2.0	199	24	3.9	0.0		26
08/11/2023 07:50	1.7	152	25	2.9	0.0		32
08/11/2023 08:00	2.5	148	13	3.8	0.0		27
08/11/2023 08:10	2.2	138	14	3.0	0.0		28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/11/2023 08:20	1.5	100	23	3.0	0.0		26
08/11/2023 08:30	2.0	121	47	4.3	0.0		26
08/11/2023 08:40	2.3	128	19	4.0	0.0		24
08/11/2023 08:50	1.9	123	19	3.0	0.0		24
08/11/2023 09:00	1.2	152	35	2.2	0.0		23
08/11/2023 09:10	2.1	113	20	3.3	0.0		23
08/11/2023 09:20	2.2	116	14	3.4	0.0		22
08/11/2023 09:30	2.2	107	16	3.2	0.0		22
08/11/2023 09:40	1.9	114	24	2.8	0.0		22
08/11/2023 09:50	2.0	115	32	2.9	0.0		22
08/11/2023 10:00	2.8	99	17	4.0	0.0		22
08/11/2023 10:10	2.6	99	19	4.0	0.0		23
08/11/2023 10:20	2.7	105	21	4.0	0.0		22
08/11/2023 10:30	2.8	92	20	4.3	0.0		23
08/11/2023 10:40	2.7	75	13	4.2	0.0		23
08/11/2023 10:50	2.8	80	15	4.2	0.0		23
08/11/2023 11:00	2.3	69	18	4.0	0.0		23
08/11/2023 11:10	2.7	85	19	4.1	0.0		22
08/11/2023 11:20	2.5	102	20	3.9	0.0		20
08/11/2023 11:30	2.1	61	41	3.3	0.0		19
08/11/2023 11:40	1.5	124	51	3.1	0.0		19
08/11/2023 11:50	2.2	95	39	4.4	0.0		18
08/11/2023 12:00	2.3	95	35	5.2	0.0		18
08/11/2023 12:10	2.9	339	33	4.5	0.0		19
08/11/2023 12:20	2.9	335	20	5.6	0.0		17
08/11/2023 12:30	3.0	322	21	4.7	0.0		17
08/11/2023 12:40	3.2	323	12	4.7	0.0		16
08/11/2023 12:50	4.0	313	16	5.7	0.0		19
08/11/2023 13:00	4.2	311	13	5.9	0.0		25
08/11/2023 13:10	4.5	326	13	6.2	0.0		27
08/11/2023 13:20	4.6	316	13	6.4	0.0		30
08/11/2023 13:30	4.4	334	13	5.9	0.0		27
08/11/2023 13:40	5.0	327	8	6.1	0.0		34
08/11/2023 13:50	5.2	328	8	6.7	0.0		34
08/11/2023 14:00	5.2	302	16	7.2	0.0		35
08/11/2023 14:10	4.6	300	13	7.0	0.0		35
08/11/2023 14:20	5.4	324	10	7.3	0.0		33
08/11/2023 14:30	5.9	318	8	7.5	0.0		33
08/11/2023 14:40	5.5	304	10	7.0	0.0		31
08/11/2023 14:50	5.9	297	11	7.6	0.0		31
08/11/2023 15:00	6.8	311	6	9.0	0.0		28
08/11/2023 15:10	5.7	301	14	7.8	0.0		28
08/11/2023 15:20	6.6	314	5	8.2	0.0		28
08/11/2023 15:30	5.2	313	10	7.2	0.0		30
08/11/2023 15:40	5.9	312	8	7.6	0.0		30
08/11/2023 15:50	5.5	308	10	7.9	0.0		33
08/11/2023 16:00	5.9	296	13	9.1	0.0		37
08/11/2023 16:10	7.0	288	7	9.3	0.0		43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/11/2023 16:20	6.2	292	9	8.2	0.0		44
08/11/2023 16:30	6.4	307	10	8.7	0.0		46
08/11/2023 16:40	7.2	311	8	9.5	0.0		49
08/11/2023 16:50	6.0	313	9	8.5	0.0		51
08/11/2023 17:00	5.4	308	12	8.7	0.0		53
08/11/2023 17:10	5.9	301	11	8.6	0.0		53
08/11/2023 17:20	5.9	308	11	8.1	0.0		56
08/11/2023 17:30	5.7	304	10	8.3	0.0		57
08/11/2023 17:40	5.7	301	10	7.9	0.0		58
08/11/2023 17:50	5.5	298	10	7.9	0.0		60
08/11/2023 18:00	5.9	301	10	8.2	0.0		61
08/11/2023 18:10	5.6	301	10	8.0	0.0		62
08/11/2023 18:20	6.6	295	7	8.9	0.0		57
08/11/2023 18:30	6.3	299	9	8.7	0.0		59
08/11/2023 18:40	7.6	290	7	9.6	0.0		59
08/11/2023 18:50	6.5	289	7	8.6	0.0		59
08/11/2023 19:00	6.2	295	8	8.7	0.0		58
08/11/2023 19:10	6.8	290	7	9.2	0.0		57
08/11/2023 19:20	6.3	290	7	9.3	0.0		60
08/11/2023 19:30	5.8	286	7	7.9	0.0		62
08/11/2023 19:40	5.9	284	6	7.6	0.0		61
08/11/2023 19:50	5.7	282	7	7.7	0.0		61
08/11/2023 20:00	5.9	273	7	8.2	0.0		61
08/11/2023 20:10	6.2	264	6	8.2	0.0		60
08/11/2023 20:20	6.1	270	7	7.9	0.0		60
08/11/2023 20:30	6.2	269	7	8.0	0.0		61
08/11/2023 20:40	6.5	270	7	8.4	0.0		62
08/11/2023 20:50	6.4	271	7	8.5	0.0		62
08/11/2023 21:00	6.0	270	6	8.4	0.0		63
08/11/2023 21:10	5.9	268	7	8.3	0.0		62
08/11/2023 21:20	6.2	271	7	8.8	0.0		63
08/11/2023 21:30	6.2	271	7	8.6	0.0		64
08/11/2023 21:40	6.4	277	6	8.8	0.0		63
08/11/2023 21:50	6.3	278	6	8.2	0.0		62
08/11/2023 22:00	6.6	270	6	9.8	0.0		61
08/11/2023 22:10	6.4	271	6	8.8	0.0		62
08/11/2023 22:20	6.6	267	6	8.6	0.0		62
08/11/2023 22:30	7.0	266	6	9.7	0.0		61
08/11/2023 22:40	6.2	268	7	7.8	0.0		61
08/11/2023 22:50	6.4	266	6	8.4	0.0		62
08/11/2023 23:00	7.1	264	6	9.2	0.0		62
08/11/2023 23:10	7.0	266	7	8.9	0.0		61
08/11/2023 23:20	6.8	264	6	9.4	0.0		62
08/11/2023 23:30	6.7	266	6	9.6	0.0		62
08/11/2023 23:40	6.7	264	5	8.7	0.0		62
08/11/2023 23:50	6.5	265	5	8.5	0.0		62
09/11/2023 00:00	5.7	261	6	7.7	0.0		62
09/11/2023 00:10	5.8	261	5	7.7	0.0		62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/11/2023 00:20	5.4	264	6	6.6	0.0		62
09/11/2023 00:30	5.2	263	6	6.7	0.0		61
09/11/2023 00:40	5.2	261	5	6.9	0.0		60
09/11/2023 00:50	5.5	259	5	6.9	0.0		59
09/11/2023 01:00	5.3	262	5	6.9	0.0		58
09/11/2023 01:10	5.7	263	6	7.0	0.0		57
09/11/2023 01:20	5.6	260	5	7.0	0.0		57
09/11/2023 01:30	5.5	263	6	7.0	0.0		57
09/11/2023 01:40	5.4	267	5	7.2	0.0		58
09/11/2023 01:50	5.8	266	5	7.2	0.0		57
09/11/2023 02:00	5.9	265	5	7.4	0.0		57
09/11/2023 02:10	6.0	265	5	7.7	0.0		56
09/11/2023 02:20	5.9	267	5	7.8	0.0		56
09/11/2023 02:30	5.7	267	5	7.3	0.0		55
09/11/2023 02:40	5.4	266	6	6.9	0.0		54
09/11/2023 02:50	5.4	265	5	6.9	0.0		53
09/11/2023 03:00	5.4	264	5	7.0	0.0		53
09/11/2023 03:10	5.4	265	5	6.7	0.0		52
09/11/2023 03:20	5.2	263	6	6.7	0.0		51
09/11/2023 03:30	4.9	264	5	6.4	0.0		51
09/11/2023 03:40	4.7	267	3	6.0	0.0		52
09/11/2023 03:50	4.8	270	3	6.0	0.0		52
09/11/2023 04:00	4.8	270	3	5.8	0.0		53
09/11/2023 04:10	5.0	272	3	6.1	0.0		53
09/11/2023 04:20	5.1	272	4	6.5	0.0		52
09/11/2023 04:30	5.4	273	3	7.0	0.0		51
09/11/2023 04:40	5.5	271	4	6.9	0.0		50
09/11/2023 04:50	5.0	270	3	6.1	0.0		50
09/11/2023 05:00	5.0	270	5	6.5	0.0		50
09/11/2023 05:10	5.6	270	5	7.0	0.0		49
09/11/2023 05:20	6.0	268	5	7.4	0.0		48
09/11/2023 05:30	6.1	271	5	8.3	0.0		48
09/11/2023 05:40	5.9	273	4	7.2	0.0		50
09/11/2023 05:50	5.7	274	4	7.2	0.0		51
09/11/2023 06:00	5.5	274	5	6.8	0.0		50
09/11/2023 06:10	5.6	272	6	7.4	0.0		48
09/11/2023 06:20	6.0	271	5	7.5	0.0		47
09/11/2023 06:30	6.0	269	4	7.7	0.0		46
09/11/2023 06:40	5.7	271	5	7.3	0.0		45
09/11/2023 06:50	5.1	269	6	6.9	0.0		43
09/11/2023 07:00	4.8	266	6	6.5	0.0		42
09/11/2023 07:10	4.7	268	7	7.0	0.0		42
09/11/2023 07:20	5.0	263	7	6.5	0.0		40
09/11/2023 07:30	4.9	258	9	6.5	0.0		39
09/11/2023 07:40	4.8	258	9	6.2	0.0		37
09/11/2023 07:50	4.6	261	10	6.0	0.0		37
09/11/2023 08:00	4.4	266	10	6.1	0.0		37
09/11/2023 08:10	4.2	277	11	5.5	0.0		38



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/11/2023 08:20	4.8	273	9	7.2	0.0		38
09/11/2023 08:30	4.9	272	8	6.4	0.0		37
09/11/2023 08:40	4.8	269	8	5.9	0.0		37
09/11/2023 08:50	4.1	262	10	5.0	0.0		36
09/11/2023 09:00	4.2	283	8	5.5	0.0		44
09/11/2023 09:10	3.7	287	9	5.0	0.0		43
09/11/2023 09:20	4.7	297	8	5.7	0.0		45
09/11/2023 09:30	5.1	291	8	6.6	0.0		47
09/11/2023 09:40	5.6	292	8	7.0	0.0		47
09/11/2023 09:50	5.9	286	9	7.3	0.0		46
09/11/2023 10:00	5.8	282	7	7.1	0.0		45
09/11/2023 10:10	5.8	280	7	7.3	0.0		46
09/11/2023 10:20	6.4	275	8	7.6	0.0		46
09/11/2023 10:30	6.5	270	8	8.1	0.0		47
09/11/2023 10:40	7.0	277	6	8.6	0.0		47
09/11/2023 10:50	7.5	277	7	9.1	0.0		47
09/11/2023 11:00	8.0	278	6	9.9	0.0		45
09/11/2023 11:10	8.1	277	6	9.9	0.0		45
09/11/2023 11:20	7.5	277	7	9.3	0.0		47
09/11/2023 11:30	7.9	275	7	10.2	0.0		47
09/11/2023 11:40	7.9	277	7	10.0	0.0		48
09/11/2023 11:50	8.1	272	7	10.1	0.0		47
09/11/2023 12:00	6.8	275	9	8.6	0.0		46
09/11/2023 12:10	6.4	280	9	8.3	0.0		46
09/11/2023 12:20	6.6	277	9	8.3	0.0		47
09/11/2023 12:30	6.9	271	10	8.5	0.0		48
09/11/2023 12:40	7.3	272	8	9.5	0.0		47
09/11/2023 12:50	6.9	270	9	8.8	0.0		50
09/11/2023 13:00	7.0	273	9	9.4	0.0		49
09/11/2023 13:10	7.2	272	7	9.1	0.0		48
09/11/2023 13:20	6.7	276	10	9.1	0.0		46
09/11/2023 13:30	7.0	267	10	9.8	0.0		47
09/11/2023 13:40	7.6	270	8	10.0	0.0		45
09/11/2023 13:50	7.6	269	9	11.0	0.0		45
09/11/2023 14:00	7.4	274	8	10.5	0.0		44
09/11/2023 14:10	8.2	278	9	11.5	0.0		45
09/11/2023 14:20	8.3	271	8	10.7	0.0		48
09/11/2023 14:30	7.8	283	10	10.5	0.0		50
09/11/2023 14:40	7.9	283	9	10.8	0.0		51
09/11/2023 14:50	7.3	287	9	9.9	0.0		51
09/11/2023 15:00	7.4	284	10	10.0	0.0		52
09/11/2023 15:10	7.9	285	11	11.0	0.0		51
09/11/2023 15:20	7.6	282	9	10.3	0.0		50
09/11/2023 15:30	7.8	280	8	10.6	0.0		51
09/11/2023 15:40	7.6	282	9	10.3	0.0		51
09/11/2023 15:50	7.0	279	10	10.0	0.0		51
09/11/2023 16:00	6.8	279	11	9.5	0.0		52
09/11/2023 16:10	7.1	265	10	9.8	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/11/2023 16:20	6.5	277	10	9.1	0.0		54
09/11/2023 16:30	6.7	281	10	9.4	0.0		55
09/11/2023 16:40	6.8	270	8	9.0	0.0		56
09/11/2023 16:50	7.0	268	7	9.1	0.0		56
09/11/2023 17:00	7.8	267	8	11.2	0.0		57
09/11/2023 17:10	7.2	268	9	9.7	0.0		56
09/11/2023 17:20	7.3	269	9	10.2	0.0		57
09/11/2023 17:30	7.5	275	8	10.0	0.0		57
09/11/2023 17:40	7.2	277	7	10.0	0.0		58
09/11/2023 17:50	7.6	270	7	10.6	0.0		59
09/11/2023 18:00	7.0	271	8	10.1	0.0		60
09/11/2023 18:10	7.0	265	7	9.0	0.0		60
09/11/2023 18:20	7.1	263	8	10.1	0.0		60
09/11/2023 18:30	7.2	267	7	9.2	0.0		60
09/11/2023 18:40	6.5	271	6	8.8	0.0		60
09/11/2023 18:50	6.3	270	8	8.4	0.0		61
09/11/2023 19:00	6.0	268	7	8.2	0.0		61
09/11/2023 19:10	7.0	263	6	8.9	0.0		62
09/11/2023 19:20	7.1	266	6	9.0	0.0		61
09/11/2023 19:30	6.4	268	7	8.5	0.0		61
09/11/2023 19:40	6.9	269	7	9.5	0.0		61
09/11/2023 19:50	6.5	268	6	8.8	0.0		61
09/11/2023 20:00	6.8	269	7	9.1	0.0		61
09/11/2023 20:10	7.2	266	6	9.2	0.0		61
09/11/2023 20:20	6.9	265	8	9.3	0.0		61
09/11/2023 20:30	7.6	264	7	10.7	0.0		61
09/11/2023 20:40	7.2	264	6	9.3	0.0		62
09/11/2023 20:50	7.0	264	7	9.3	0.0		62
09/11/2023 21:00	7.0	267	6	10.0	0.0		63
09/11/2023 21:10	7.4	268	6	9.7	0.0		63
09/11/2023 21:20	6.7	267	6	8.7	0.0		64
09/11/2023 21:30	6.6	265	6	8.4	0.0		64
09/11/2023 21:40	5.9	262	6	8.0	0.0		64
09/11/2023 21:50	5.8	262	6	8.0	0.0		64
09/11/2023 22:00	5.2	260	7	7.6	0.0		64
09/11/2023 22:10	5.3	257	6	7.3	0.0		64
09/11/2023 22:20	5.7	256	6	7.6	0.0		64
09/11/2023 22:30	5.5	255	6	7.3	0.0		63
09/11/2023 22:40	5.0	257	5	6.3	0.0		64
09/11/2023 22:50	5.0	260	4	5.7	0.0		63
09/11/2023 23:00	5.1	258	5	6.4	0.0		63
09/11/2023 23:10	4.6	258	5	5.6	0.0		63
09/11/2023 23:20	4.6	264	5	5.8	0.0		63
09/11/2023 23:30	4.6	261	6	5.9	0.0		63
09/11/2023 23:40	4.9	260	5	6.3	0.0		62
09/11/2023 23:50	5.3	258	5	7.1	0.0		62
10/11/2023 00:00	4.9	255	5	6.2	0.0		62
10/11/2023 00:10	4.2	259	5	5.3	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/11/2023 00:20	4.3	261	7	5.5	0.0		64
10/11/2023 00:30	3.9	259	6	5.0	0.0		64
10/11/2023 00:40	3.7	260	6	4.6	0.0		63
10/11/2023 00:50	4.0	261	5	4.9	0.0		61
10/11/2023 01:00	4.2	265	4	5.0	0.0		60
10/11/2023 01:10	4.1	267	4	5.0	0.0		60
10/11/2023 01:20	3.8	264	4	4.8	0.0		60
10/11/2023 01:30	3.5	265	3	4.2	0.0		61
10/11/2023 01:40	3.7	265	5	4.5	0.0		59
10/11/2023 01:50	3.9	267	4	4.6	0.0		58
10/11/2023 02:00	4.4	272	2	4.8	0.0		58
10/11/2023 02:10	4.3	274	4	4.8	0.0		58
10/11/2023 02:20	4.3	273	3	4.9	0.0		55
10/11/2023 02:30	4.3	277	4	5.3	0.0		52
10/11/2023 02:40	4.3	271	4	5.1	0.0		49
10/11/2023 02:50	4.8	274	4	6.1	0.0		47
10/11/2023 03:00	4.7	270	3	5.7	0.0		46
10/11/2023 03:10	3.8	270	3	4.4	0.0		46
10/11/2023 03:20	3.6	268	2	4.0	0.0		47
10/11/2023 03:30	4.0	272	3	4.7	0.0		45
10/11/2023 03:40	4.4	276	4	5.6	0.0		43
10/11/2023 03:50	5.2	274	4	6.1	0.0		41
10/11/2023 04:00	4.9	273	4	6.0	0.0		42
10/11/2023 04:10	5.1	271	4	6.4	0.0		43
10/11/2023 04:20	5.6	269	4	7.4	0.0		42
10/11/2023 04:30	5.0	269	4	6.3	0.0		43
10/11/2023 04:40	5.0	267	3	6.1	0.0		43
10/11/2023 04:50	5.6	265	4	6.8	0.0		46
10/11/2023 05:00	5.6	264	4	6.8	0.0		47
10/11/2023 05:10	5.1	267	4	6.2	0.0		48
10/11/2023 05:20	4.8	271	2	5.4	0.0		50
10/11/2023 05:30	4.9	269	5	6.1	0.0		47
10/11/2023 05:40	4.7	274	5	6.1	0.0		44
10/11/2023 05:50	4.3	280	5	5.6	0.0		43
10/11/2023 06:00	4.0	278	6	5.4	0.0		42
10/11/2023 06:10	3.8	281	6	4.8	0.0		39
10/11/2023 06:20	3.9	283	6	5.2	0.0		37
10/11/2023 06:30	3.9	276	6	5.0	0.0		35
10/11/2023 06:40	4.2	285	7	5.7	0.0		34
10/11/2023 06:50	3.8	274	7	4.8	0.0		34
10/11/2023 07:00	3.3	277	6	4.4	0.0		30
10/11/2023 07:10	3.4	277	8	4.8	0.0		30
10/11/2023 07:20	4.3	277	6	5.4	0.0		32
10/11/2023 07:30	5.4	282	6	7.0	0.0		31
10/11/2023 07:40	6.3	282	6	7.8	0.0		34
10/11/2023 07:50	5.5	277	7	6.9	0.0		35
10/11/2023 08:00	5.8	287	6	7.2	0.0		40
10/11/2023 08:10	5.3	281	7	7.0	0.0		39



Yara Pilbara Nitrates- Western Boundary 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/11/2023 08:20	5.1	274	7	6.2	0.0		37
10/11/2023 08:30	5.2	269	7	6.5	0.0		35
10/11/2023 08:40	5.7	278	7	7.1	0.0		36
10/11/2023 08:50	5.5	275	7	6.6	0.0		35
10/11/2023 09:00	5.6	279	6	7.3	0.0		41
10/11/2023 09:10	5.7	278	7	7.0	0.0		43
10/11/2023 09:20	5.8	278	8	7.4	0.0		44
10/11/2023 09:30	6.5	280	6	8.0	0.0		45
10/11/2023 09:40	6.8	281	8	8.1	0.0		48
10/11/2023 09:50	6.1	279	9	7.7	0.0		47
10/11/2023 10:00	7.4	283	6	9.0	0.0		49
10/11/2023 10:10	8.5	278	6	10.3	0.0		52
10/11/2023 10:20	8.8	277	7	10.6	0.0		54
10/11/2023 10:30	9.0	276	6	10.8	0.0		55
10/11/2023 10:40	8.7	282	5	11.2	0.0		56
10/11/2023 10:50	8.7	279	5	10.5	0.0		57
10/11/2023 11:00	8.3	276	7	10.6	0.0		57
10/11/2023 11:10	8.5	276	6	10.9	0.0		56
10/11/2023 11:20	9.0	275	6	10.8	0.0		54
10/11/2023 11:30	10.0	276	8	12.5	0.0		57
10/11/2023 11:40	9.8	276	7	12.0	0.0		59
10/11/2023 11:50	9.2	272	8	12.2	0.0		58
10/11/2023 12:00	10.3	273	8	13.1	0.0		58
10/11/2023 12:10	9.5	273	7	12.4	0.0		58
10/11/2023 12:20	9.1	271	7	12.5	0.0		57
10/11/2023 12:30	9.6	272	7	11.6	0.0		57
10/11/2023 12:40	10.1	267	8	12.5	0.0		59
10/11/2023 12:50	10.0	270	8	12.7	0.0		60
10/11/2023 13:00	10.0	269	8	13.0	0.0		59
10/11/2023 13:10	9.5	267	8	12.2	0.1		58
10/11/2023 13:20	10.1	272	7	12.8	0.0		59
10/11/2023 13:30	9.5	275	6	12.2	0.0		60
10/11/2023 13:40	9.6	275	9	13.0	0.1		58
10/11/2023 13:50	10.4	276	7	14.0	0.0		59
10/11/2023 14:00	10.0	274	7	12.3	0.0		61
10/11/2023 14:10	9.3	270	8	11.7	0.0		60
10/11/2023 14:20	8.8	276	8	11.7	0.0		60
10/11/2023 14:30	9.7	271	8	12.9	0.0		60
10/11/2023 14:40	9.8	272	8	13.3	0.0		60
10/11/2023 14:50	9.6	274	10	13.6	0.0		61
10/11/2023 15:00	9.9	268	7	13.3	0.0		61
10/11/2023 15:10	9.6	274	7	12.6	0.0		60
10/11/2023 15:20	10.0	267	7	13.2	0.0		59
10/11/2023 15:30	10.4	266	7	13.7	0.0		61
10/11/2023 15:40	9.0	271	7	11.9	0.0		61
10/11/2023 15:50	10.2	272	7	13.2	0.0		61
10/11/2023 16:00	9.7	272	8	14.0	0.0		62
10/11/2023 16:10	9.5	274	6	12.0	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/11/2023 16:20	8.9	274	7	11.9	0.0		62
10/11/2023 16:30	8.3	272	7	10.9	0.0		61
10/11/2023 16:40	8.5	274	7	11.1	0.0		61
10/11/2023 16:50	8.3	266	8	11.3	0.0		60
10/11/2023 17:00	9.2	265	8	11.9	0.0		61
10/11/2023 17:10	9.9	270	7	13.0	0.0		63
10/11/2023 17:20	9.2	271	7	12.3	0.0		62
10/11/2023 17:30	9.3	272	8	12.8	0.0		62
10/11/2023 17:40	8.2	270	6	12.6	0.0		63
10/11/2023 17:50	9.0	268	6	11.7	0.0		63
10/11/2023 18:00	8.7	267	7	11.6	0.0		62
10/11/2023 18:10	7.6	268	7	10.8	0.0		63
10/11/2023 18:20	8.0	269	7	10.7	0.0		63
10/11/2023 18:30	8.4	269	6	11.1	0.0		64
10/11/2023 18:40	8.2	265	7	10.6	0.0		64
10/11/2023 18:50	8.5	264	7	11.7	0.0		63
10/11/2023 19:00	8.1	265	6	10.7	0.0		63
10/11/2023 19:10	8.0	264	6	10.6	0.0		63
10/11/2023 19:20	7.1	264	7	10.3	0.0		64
10/11/2023 19:30	8.5	264	6	10.7	0.0		63
10/11/2023 19:40	7.8	263	6	10.8	0.0		63
10/11/2023 19:50	7.8	264	7	10.2	0.0		64
10/11/2023 20:00	8.9	264	7	11.9	0.0		64
10/11/2023 20:10	7.6	265	6	10.3	0.0		65
10/11/2023 20:20	7.5	261	6	10.6	0.0		65
10/11/2023 20:30	8.3	265	6	11.1	0.0		65
10/11/2023 20:40	8.5	262	5	10.7	0.0		65
10/11/2023 20:50	8.4	262	6	11.1	0.0		65
10/11/2023 21:00	7.9	261	5	10.2	0.0		65
10/11/2023 21:10	8.9	261	7	11.8	0.0		65
10/11/2023 21:20	8.9	261	7	11.9	0.0		65
10/11/2023 21:30	8.8	263	6	11.7	0.0		65
10/11/2023 21:40	8.2	261	7	11.3	0.0		65
10/11/2023 21:50	8.4	259	6	11.0	0.0		65
10/11/2023 22:00	7.8	260	6	10.0	0.0		64
10/11/2023 22:10	8.0	261	6	10.0	0.0		64
10/11/2023 22:20	8.6	259	6	11.3	0.0		65
10/11/2023 22:30	7.0	260	6	9.6	0.0		65
10/11/2023 22:40	8.3	250	8	11.0	0.0		64
10/11/2023 22:50	7.8	255	8	11.4	0.0		64
10/11/2023 23:00	7.6	252	8	10.4	0.0		64
10/11/2023 23:10	6.6	255	8	9.2	0.0		65
10/11/2023 23:20	5.7	260	7	7.4	0.0		65
10/11/2023 23:30	5.5	256	7	8.0	0.0		64
10/11/2023 23:40	7.3	263	6	9.4	0.0		65
10/11/2023 23:50	7.4	261	6	9.7	0.0		66
11/11/2023 00:00	6.1	259	7	8.3	0.0		66
11/11/2023 00:10	5.6	264	7	8.3	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/11/2023 00:20	6.4	267	6	8.6	0.0		66
11/11/2023 00:30	5.7	263	7	7.4	0.0		66
11/11/2023 00:40	5.0	259	8	7.3	0.0		66
11/11/2023 00:50	5.0	256	8	6.8	0.0		65
11/11/2023 01:00	6.1	260	6	7.3	0.0		65
11/11/2023 01:10	5.7	253	7	7.9	0.0		64
11/11/2023 01:20	5.2	248	9	7.3	0.0		64
11/11/2023 01:30	5.5	253	8	7.8	0.0		64
11/11/2023 01:40	6.4	257	7	8.0	0.0		64
11/11/2023 01:50	5.5	254	9	7.4	0.0		63
11/11/2023 02:00	5.7	261	7	7.6	0.0		63
11/11/2023 02:10	5.9	263	6	7.6	0.0		63
11/11/2023 02:20	5.3	265	6	6.7	0.0		62
11/11/2023 02:30	4.9	266	6	6.6	0.0		62
11/11/2023 02:40	5.2	264	6	6.7	0.0		62
11/11/2023 02:50	5.2	264	5	6.9	0.0		62
11/11/2023 03:00	5.8	263	5	8.0	0.0		61
11/11/2023 03:10	6.6	264	5	8.2	0.0		60
11/11/2023 03:20	6.6	260	5	8.1	0.0		60
11/11/2023 03:30	6.2	256	6	7.9	0.0		60
11/11/2023 03:40	5.9	261	5	7.6	0.0		60
11/11/2023 03:50	4.7	267	6	6.5	0.0		60
11/11/2023 04:00	4.6	279	8	6.3	0.0		60
11/11/2023 04:10	4.2	288	7	5.5	0.0		59
11/11/2023 04:20	4.3	280	6	6.5	0.0		59
11/11/2023 04:30	5.5	271	4	7.0	0.0		60
11/11/2023 04:40	6.4	269	5	8.0	0.0		60
11/11/2023 04:50	5.5	266	5	7.4	0.0		60
11/11/2023 05:00	5.6	268	5	7.6	0.0		61
11/11/2023 05:10	5.9	266	6	7.8	0.0		61
11/11/2023 05:20	5.3	263	6	7.1	0.0		60
11/11/2023 05:30	4.4	261	7	5.9	0.0		61
11/11/2023 05:40	3.4	261	7	4.8	0.0		62
11/11/2023 05:50	3.2	260	6	4.5	0.0		62
11/11/2023 06:00	4.0	263	6	5.6	0.0		62
11/11/2023 06:10	5.0	264	7	7.3	0.0		60
11/11/2023 06:20	5.3	264	7	7.5	0.0		59
11/11/2023 06:30	5.1	266	6	6.9	0.0		58
11/11/2023 06:40	5.2	274	7	7.0	0.0		56
11/11/2023 06:50	5.7	277	8	7.1	0.0		55
11/11/2023 07:00	5.8	276	8	8.2	0.0		55
11/11/2023 07:10	7.1	272	6	8.6	0.0		56
11/11/2023 07:20	7.0	271	6	8.7	0.0		55
11/11/2023 07:30	8.0	268	6	10.1	0.0		54
11/11/2023 07:40	8.3	266	5	10.6	0.0		54
11/11/2023 07:50	7.4	274	6	9.3	0.0		54
11/11/2023 08:00	8.2	273	7	10.2	0.0		55
11/11/2023 08:10	8.1	273	7	10.4	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/11/2023 08:20	8.5	274	7	10.4	0.0		54
11/11/2023 08:30	8.6	273	6	10.5	0.0		55
11/11/2023 08:40	8.3	273	9	11.6	0.0		55
11/11/2023 08:50	8.5	267	7	10.5	0.0		56
11/11/2023 09:00	8.6	271	7	11.2	0.0		56
11/11/2023 09:10	9.4	270	6	11.6	0.0		55
11/11/2023 09:20	9.7	268	7	11.8	0.0		58
11/11/2023 09:30	8.8	274	8	11.6	0.0		56
11/11/2023 09:40	9.2	271	8	11.8	0.0		57
11/11/2023 09:50	9.2	269	7	11.5	0.0		57
11/11/2023 10:00	10.0	269	7	11.8	0.0		58
11/11/2023 10:10	9.5	274	7	11.9	0.0		57
11/11/2023 10:20	8.5	273	6	10.5	0.0		56
11/11/2023 10:30	8.2	270	6	10.6	0.0		56
11/11/2023 10:40	9.5	275	7	12.0	0.0		55
11/11/2023 10:50	9.3	275	7	11.7	0.0		57
11/11/2023 11:00	9.2	276	8	11.8	0.0		58
11/11/2023 11:10	9.8	281	7	12.0	0.0		60
11/11/2023 11:20	9.7	269	7	12.0	0.0		60
11/11/2023 11:30	9.2	276	8	12.2	0.0		59
11/11/2023 11:40	8.4	278	8	10.7	0.0		58
11/11/2023 11:50	7.6	281	7	9.1	0.0		58
11/11/2023 12:00	6.4	279	8	8.4	0.0		56
11/11/2023 12:10	5.5	271	10	7.1	0.0		50
11/11/2023 12:20	6.6	274	8	8.5	0.0		48
11/11/2023 12:30	6.5	269	7	8.2	0.0		51
11/11/2023 12:40	7.5	270	9	10.1	0.0		52
11/11/2023 12:50	8.0	272	8	10.3	0.0		55
11/11/2023 13:00	8.6	274	6	10.3	0.0		58
11/11/2023 13:10	9.2	270	6	12.1	0.0		60
11/11/2023 13:20	9.4	267	6	11.6	0.0		61
11/11/2023 13:30	9.6	271	9	12.3	0.0		61
11/11/2023 13:40	9.6	268	7	11.6	0.0		61
11/11/2023 13:50	9.6	267	7	11.7	0.0		62
11/11/2023 14:00	9.8	266	7	12.0	0.0		62
11/11/2023 14:10	10.0	269	9	12.6	0.0		60
11/11/2023 14:20	10.3	267	5	13.0	0.0		59
11/11/2023 14:30	10.2	271	7	12.8	0.0		60
11/11/2023 14:40	10.5	271	7	14.1	0.0		61
11/11/2023 14:50	10.3	269	9	12.4	0.0		63
11/11/2023 15:00	9.3	269	8	11.8	0.0		64
11/11/2023 15:10	9.6	267	7	11.9	0.0		63
11/11/2023 15:20	9.6	259	7	11.7	0.0		61
11/11/2023 15:30	9.2	270	7	12.1	0.0		60
11/11/2023 15:40	9.0	268	8	11.7	0.0		61
11/11/2023 15:50	9.3	264	8	12.1	0.0		62
11/11/2023 16:00	8.7	266	8	12.2	0.0		62
11/11/2023 16:10	9.2	265	8	12.0	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/11/2023 16:20	8.2	266	10	11.8	0.0		64
11/11/2023 16:30	8.8	267	8	12.3	0.0		64
11/11/2023 16:40	9.2	262	9	11.7	0.0		65
11/11/2023 16:50	8.9	271	8	11.9	0.0		64
11/11/2023 17:00	9.6	270	8	12.5	0.0		64
11/11/2023 17:10	9.2	268	7	12.4	0.0		64
11/11/2023 17:20	9.5	268	7	12.4	0.0		63
11/11/2023 17:30	8.8	269	7	12.4	0.0		63
11/11/2023 17:40	9.7	267	6	13.5	0.0		63
11/11/2023 17:50	9.4	265	7	12.8	0.0		64
11/11/2023 18:00	9.8	267	7	13.4	0.0		64
11/11/2023 18:10	10.3	266	7	13.1	0.0		64
11/11/2023 18:20	9.5	266	7	12.4	0.0		64
11/11/2023 18:30	8.5	270	6	12.1	0.0		64
11/11/2023 18:40	9.7	263	5	13.1	0.0		64
11/11/2023 18:50	9.4	265	6	12.5	0.0		65
11/11/2023 19:00	9.6	262	6	12.4	0.0		65
11/11/2023 19:10	9.1	265	6	13.6	0.0		65
11/11/2023 19:20	9.1	268	7	11.8	0.0		66
11/11/2023 19:30	9.2	269	5	12.8	0.0		66
11/11/2023 19:40	9.2	266	6	12.6	0.0		66
11/11/2023 19:50	9.3	263	6	12.4	0.0		66
11/11/2023 20:00	9.1	262	7	11.9	0.0		66
11/11/2023 20:10	9.4	260	6	12.6	0.0		66
11/11/2023 20:20	8.6	260	6	11.9	0.0		66
11/11/2023 20:30	8.9	264	8	12.0	0.0		66
11/11/2023 20:40	9.1	261	7	12.2	0.0		66
11/11/2023 20:50	9.2	260	6	12.1	0.0		67
11/11/2023 21:00	9.2	262	6	11.8	0.0		66
11/11/2023 21:10	8.6	260	7	11.3	0.0		66
11/11/2023 21:20	8.4	260	7	10.9	0.0		66
11/11/2023 21:30	9.1	260	6	12.3	0.0		66
11/11/2023 21:40	9.1	263	6	12.3	0.0		66
11/11/2023 21:50	8.9	261	6	11.9	0.0		66
11/11/2023 22:00	8.7	260	7	11.9	0.0		66
11/11/2023 22:10	9.2	260	7	12.0	0.0		66
11/11/2023 22:20	9.1	260	6	11.4	0.0		66
11/11/2023 22:30	8.9	263	6	11.6	0.0		66
11/11/2023 22:40	8.2	256	7	11.0	0.0		66
11/11/2023 22:50	8.2	255	7	11.5	0.0		66
11/11/2023 23:00	7.8	257	7	10.7	0.0		66
11/11/2023 23:10	7.8	251	8	11.8	0.0		65
11/11/2023 23:20	7.3	250	9	9.7	0.0		64
11/11/2023 23:30	7.9	249	8	10.5	0.0		64
11/11/2023 23:40	7.6	254	7	10.2	0.0		64
11/11/2023 23:50	8.0	252	7	10.0	0.0		64
12/11/2023 00:00	7.2	253	6	10.0	0.0		64
12/11/2023 00:10	7.1	254	7	9.2	0.0		64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/11/2023 00:20	7.4	252	6	9.5	0.0		64
12/11/2023 00:30	6.6	251	8	9.1	0.0		64
12/11/2023 00:40	6.3	252	7	8.3	0.0		65
12/11/2023 00:50	6.7	252	7	9.4	0.0		65
12/11/2023 01:00	7.2	251	7	9.8	0.0		65
12/11/2023 01:10	7.3	253	8	9.5	0.0		65
12/11/2023 01:20	7.9	251	8	11.0	0.0		64
12/11/2023 01:30	8.7	250	8	12.4	0.0		64
12/11/2023 01:40	8.4	252	8	11.9	0.0		64
12/11/2023 01:50	8.5	253	8	11.9	0.0		64
12/11/2023 02:00	8.5	253	8	11.3	0.0		64
12/11/2023 02:10	8.0	252	7	11.8	0.0		64
12/11/2023 02:20	7.5	252	8	11.1	0.0		64
12/11/2023 02:30	8.5	251	7	10.5	0.0		62
12/11/2023 02:40	8.0	251	7	10.6	0.0		61
12/11/2023 02:50	7.4	251	8	10.0	0.0		63
12/11/2023 03:00	6.9	256	8	8.7	0.0		64
12/11/2023 03:10	7.4	257	6	10.3	0.0		64
12/11/2023 03:20	7.8	255	6	10.7	0.0		64
12/11/2023 03:30	7.2	256	8	9.7	0.0		65
12/11/2023 03:40	6.7	252	8	9.5	0.0		64
12/11/2023 03:50	7.3	256	8	10.2	0.0		65
12/11/2023 04:00	6.6	253	7	9.9	0.0		65
12/11/2023 04:10	6.9	253	8	9.0	0.0		65
12/11/2023 04:20	6.6	256	8	9.3	0.0		65
12/11/2023 04:30	7.4	258	7	9.9	0.0		65
12/11/2023 04:40	7.3	257	7	9.8	0.0		65
12/11/2023 04:50	7.4	258	6	9.5	0.0		65
12/11/2023 05:00	7.1	256	6	9.1	0.0		65
12/11/2023 05:10	7.1	253	7	10.0	0.0		65
12/11/2023 05:20	6.1	254	9	8.6	0.0		65
12/11/2023 05:30	6.5	257	6	8.5	0.0		66
12/11/2023 05:40	6.4	255	7	8.4	0.0		66
12/11/2023 05:50	6.4	257	7	7.9	0.0		66
12/11/2023 06:00	5.9	258	7	8.0	0.0		66
12/11/2023 06:10	5.8	259	7	7.9	0.0		66
12/11/2023 06:20	5.4	261	8	7.1	0.0		65
12/11/2023 06:30	5.6	261	7	7.4	0.0		65
12/11/2023 06:40	6.1	259	6	7.8	0.0		64
12/11/2023 06:50	6.8	260	6	8.4	0.0		64
12/11/2023 07:00	6.3	258	7	7.9	0.0		63
12/11/2023 07:10	6.3	257	7	8.0	0.0		62
12/11/2023 07:20	6.5	254	7	8.5	0.0		61
12/11/2023 07:30	7.0	256	8	8.8	0.0		60
12/11/2023 07:40	7.0	260	6	9.1	0.0		60
12/11/2023 07:50	6.9	259	7	9.0	0.0		59
12/11/2023 08:00	6.9	254	9	9.1	0.0		58
12/11/2023 08:10	6.7	256	9	8.6	0.0		57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/11/2023 08:20	6.2	252	12	9.1	0.0		57
12/11/2023 08:30	6.4	259	8	8.4	0.0		56
12/11/2023 08:40	6.1	269	9	8.7	0.0		57
12/11/2023 08:50	6.1	271	10	8.0	0.0		55
12/11/2023 09:00	6.7	274	8	9.0	0.0		54
12/11/2023 09:10	7.0	263	9	9.1	0.0		54
12/11/2023 09:20	7.7	276	9	10.2	0.0		55
12/11/2023 09:30	7.3	277	9	9.7	0.0		55
12/11/2023 09:40	7.8	280	9	10.2	0.0		55
12/11/2023 09:50	7.5	279	10	9.6	0.0		55
12/11/2023 10:00	7.4	278	8	9.9	0.0		55
12/11/2023 10:10	7.9	281	8	10.3	0.0		55
12/11/2023 10:20	8.5	278	8	11.0	0.0		56
12/11/2023 10:30	8.4	276	7	11.2	0.0		56
12/11/2023 10:40	8.5	278	10	11.4	0.0		56
12/11/2023 10:50	8.6	278	8	11.1	0.0		56
12/11/2023 11:00	8.3	281	9	10.6	0.0		55
12/11/2023 11:10	8.9	272	9	11.2	0.0		53
12/11/2023 11:20	9.2	276	8	12.0	0.0		55
12/11/2023 11:30	8.8	271	9	11.9	0.0		54
12/11/2023 11:40	9.4	268	8	12.1	0.0		55
12/11/2023 11:50	9.4	279	8	11.7	0.0		56
12/11/2023 12:00	9.3	271	10	12.0	0.0		55
12/11/2023 12:10	9.2	275	10	12.0	0.0		58
12/11/2023 12:20	9.4	273	7	12.0	0.0		57
12/11/2023 12:30	9.1	275	6	11.8	0.0		57
12/11/2023 12:40	9.2	275	7	11.6	0.0		57
12/11/2023 12:50	9.0	277	9	11.5	0.0		57
12/11/2023 13:00	9.2	278	8	11.6	0.0		56
12/11/2023 13:10	8.5	276	7	11.0	0.0		56
12/11/2023 13:20	9.2	272	7	11.8	0.0		57
12/11/2023 13:30	9.5	278	6	13.6	0.0		58
12/11/2023 13:40	9.2	274	10	11.4	0.0		58
12/11/2023 13:50	9.1	273	8	12.6	0.0		58
12/11/2023 14:00	9.1	270	9	11.7	0.0		59
12/11/2023 14:10	9.2	272	8	12.1	0.0		60
12/11/2023 14:20	8.8	273	8	11.1	0.0		60
12/11/2023 14:30	9.0	270	8	12.2	0.0		59
12/11/2023 14:40	8.7	278	8	11.9	0.0		59
12/11/2023 14:50	9.1	275	9	11.4	0.0		60
12/11/2023 15:00	8.5	274	9	11.6	0.0		60
12/11/2023 15:10	8.4	271	9	11.6	0.0		59
12/11/2023 15:20	8.9	269	8	11.1	0.0		60
12/11/2023 15:30	9.3	276	8	11.8	0.0		61
12/11/2023 15:40	8.6	275	8	11.3	0.0		61
12/11/2023 15:50	8.6	277	8	11.8	0.0		61
12/11/2023 16:00	7.7	274	14	10.1	0.0		61
12/11/2023 16:10	7.2	276	12	9.7	0.0		61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/11/2023 16:20	8.4	280	9	11.0	0.0		62
12/11/2023 16:30	7.9	274	8	10.8	0.0		62
12/11/2023 16:40	8.0	274	8	11.0	0.0		61
12/11/2023 16:50	7.1	279	10	10.4	0.0		62
12/11/2023 17:00	6.4	278	13	8.5	0.0		62
12/11/2023 17:10	5.7	281	12	7.5	0.0		62
12/11/2023 17:20	6.5	271	9	8.4	0.0		62
12/11/2023 17:30	6.8	269	7	8.6	0.0		62
12/11/2023 17:40	7.4	264	5	9.3	0.0		63
12/11/2023 17:50	6.6	267	7	9.1	0.0		64
12/11/2023 18:00	6.7	268	7	8.4	0.0		64
12/11/2023 18:10	6.9	271	8	8.9	0.0		64
12/11/2023 18:20	7.2	274	6	8.9	0.0		65
12/11/2023 18:30	6.4	283	9	8.6	0.0		65
12/11/2023 18:40	6.9	282	7	8.9	0.0		65
12/11/2023 18:50	6.3	285	11	9.0	0.0		65
12/11/2023 19:00	6.4	283	8	8.9	0.0		65
12/11/2023 19:10	6.6	289	6	8.4	0.0		65
12/11/2023 19:20	6.6	281	7	8.6	0.0		65
12/11/2023 19:30	7.9	273	7	9.7	0.0		65
12/11/2023 19:40	8.1	277	6	10.8	0.0		66
12/11/2023 19:50	8.1	272	6	11.1	0.0		65
12/11/2023 20:00	8.3	270	6	11.1	0.0		65
12/11/2023 20:10	7.9	266	6	10.7	0.0		65
12/11/2023 20:20	8.6	268	7	11.2	0.0		65
12/11/2023 20:30	7.4	271	7	10.0	0.0		64
12/11/2023 20:40	7.2	268	7	9.1	0.0		64
12/11/2023 20:50	8.4	269	6	11.0	0.0		64
12/11/2023 21:00	8.1	263	6	10.6	0.0		64
12/11/2023 21:10	7.7	264	6	10.8	0.0		65
12/11/2023 21:20	8.0	266	8	10.3	0.0		64
12/11/2023 21:30	7.2	263	6	9.8	0.0		64
12/11/2023 21:40	7.4	266	6	9.4	0.0		64
12/11/2023 21:50	7.5	266	6	10.5	0.0		64
12/11/2023 22:00	7.8	265	6	9.7	0.0		64
12/11/2023 22:10	7.7	265	6	10.0	0.0		65
12/11/2023 22:20	7.6	264	7	10.4	0.0		65
12/11/2023 22:30	6.8	264	7	8.8	0.0		65
12/11/2023 22:40	7.0	258	7	9.5	0.0		65
12/11/2023 22:50	7.7	257	7	10.2	0.0		65
12/11/2023 23:00	7.2	259	8	10.0	0.0		65
12/11/2023 23:10	7.3	256	7	9.9	0.0		66
12/11/2023 23:20	7.7	257	7	10.5	0.0		65
12/11/2023 23:30	8.0	257	6	10.3	0.0		65
12/11/2023 23:40	6.7	251	9	8.9	0.0		65
12/11/2023 23:50	6.1	249	8	8.2	0.0		66
13/11/2023 00:00	6.3	251	7	8.5	0.0		66
13/11/2023 00:10	6.3	250	9	8.7	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/11/2023 00:20	6.0	251	8	8.5	0.0		66
13/11/2023 00:30	6.9	254	6	9.1	0.0		66
13/11/2023 00:40	6.4	251	8	8.6	0.0		66
13/11/2023 00:50	6.5	254	6	8.5	0.0		67
13/11/2023 01:00	5.6	251	8	7.8	0.0		67
13/11/2023 01:10	5.1	250	8	7.1	0.0		67
13/11/2023 01:20	5.1	249	10	7.3	0.0		67
13/11/2023 01:30	4.2	246	11	6.6	0.0		67
13/11/2023 01:40	4.7	248	10	6.9	0.0		67
13/11/2023 01:50	4.8	248	11	7.5	0.0		67
13/11/2023 02:00	4.2	239	11	6.2	0.0		67
13/11/2023 02:10	5.7	248	10	9.0	0.0		67
13/11/2023 02:20	5.2	245	11	7.4	0.0		67
13/11/2023 02:30	5.4	251	9	7.7	0.0		67
13/11/2023 02:40	5.8	253	8	8.8	0.0		67
13/11/2023 02:50	6.4	255	7	8.7	0.0		67
13/11/2023 03:00	6.5	251	7	8.4	0.0		67
13/11/2023 03:10	5.9	252	8	7.9	0.0		67
13/11/2023 03:20	5.8	247	10	8.2	0.0		66
13/11/2023 03:30	5.0	248	10	9.4	0.0		65
13/11/2023 03:40	3.7	241	12	5.8	0.0		65
13/11/2023 03:50	4.1	243	11	6.7	0.0		65
13/11/2023 04:00	4.0	243	12	5.8	0.0		65
13/11/2023 04:10	3.8	244	11	5.7	0.0		65
13/11/2023 04:20	4.0	247	10	6.0	0.0		65
13/11/2023 04:30	4.1	254	9	6.0	0.0		65
13/11/2023 04:40	4.3	260	8	6.8	0.0		65
13/11/2023 04:50	4.6	257	8	6.5	0.0		65
13/11/2023 05:00	4.6	259	7	6.2	0.0		65
13/11/2023 05:10	3.6	256	8	5.1	0.0		66
13/11/2023 05:20	3.8	258	9	5.6	0.0		66
13/11/2023 05:30	4.0	252	13	6.1	0.0		66
13/11/2023 05:40	4.8	253	9	6.9	0.0		65
13/11/2023 05:50	5.3	252	9	8.1	0.0		66
13/11/2023 06:00	5.1	254	8	7.4	0.0		65
13/11/2023 06:10	5.4	250	10	7.3	0.0		65
13/11/2023 06:20	5.0	245	10	7.7	0.0		64
13/11/2023 06:30	5.1	237	10	7.5	0.0		63
13/11/2023 06:40	5.3	242	11	8.2	0.0		62
13/11/2023 06:50	6.0	244	11	8.8	0.0		62
13/11/2023 07:00	6.1	245	10	8.1	0.0		61
13/11/2023 07:10	6.3	246	10	9.2	0.0		60
13/11/2023 07:20	5.9	247	10	8.4	0.0		59
13/11/2023 07:30	6.3	240	11	8.9	0.0		59
13/11/2023 07:40	6.5	241	11	9.0	0.0		58
13/11/2023 07:50	6.6	234	10	8.8	0.0		57
13/11/2023 08:00	6.2	238	12	9.0	0.0		57
13/11/2023 08:10	6.8	237	9	9.2	0.0		56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/11/2023 08:20	6.6	231	10	9.0	0.0		55
13/11/2023 08:30	6.8	231	8	9.0	0.0		55
13/11/2023 08:40	6.6	231	9	8.6	0.0		55
13/11/2023 08:50	6.1	232	10	8.4	0.0		54
13/11/2023 09:00	6.3	241	11	8.5	0.0		53
13/11/2023 09:10	6.0	243	15	8.2	0.0		52
13/11/2023 09:20	5.6	240	12	7.7	0.0		52
13/11/2023 09:30	5.9	255	10	8.1	0.0		52
13/11/2023 09:40	6.9	265	9	9.2	0.0		52
13/11/2023 09:50	6.4	267	8	8.9	0.0		51
13/11/2023 10:00	6.4	272	10	8.6	0.0		51
13/11/2023 10:10	6.7	289	7	8.8	0.0		54
13/11/2023 10:20	6.7	281	7	8.5	0.0		54
13/11/2023 10:30	7.3	280	5	9.7	0.0		54
13/11/2023 10:40	6.8	280	7	9.0	0.0		54
13/11/2023 10:50	6.9	279	8	8.6	0.0		54
13/11/2023 11:00	7.2	276	8	9.2	0.0		54
13/11/2023 11:10	7.4	279	10	9.4	0.0		54
13/11/2023 11:20	7.4	277	8	9.6	0.0		55
13/11/2023 11:30	7.2	275	8	9.5	0.0		54
13/11/2023 11:40	7.9	275	6	9.6	0.0		55
13/11/2023 11:50	8.1	273	8	10.0	0.0		56
13/11/2023 12:00	8.3	276	6	10.7	0.0		57
13/11/2023 12:10	8.1	271	10	9.9	0.0		55
13/11/2023 12:20	8.2	273	9	10.5	0.0		56
13/11/2023 12:30	8.1	277	7	10.6	0.0		56
13/11/2023 12:40	8.1	278	8	10.3	0.0		56
13/11/2023 12:50	8.3	271	9	11.1	0.0		56
13/11/2023 13:00	8.4	273	9	10.8	0.0		56
13/11/2023 13:10	8.8	267	9	11.0	0.0		56
13/11/2023 13:20	9.4	269	9	12.0	0.0		58
13/11/2023 13:30	9.0	267	8	11.9	0.0		57
13/11/2023 13:40	8.9	264	9	11.8	0.0		57
13/11/2023 13:50	9.7	271	8	12.0	0.0		58
13/11/2023 14:00	8.6	268	8	11.1	0.0		57
13/11/2023 14:10	9.6	275	8	12.3	0.0		57
13/11/2023 14:20	9.2	272	9	12.9	0.0		57
13/11/2023 14:30	10.1	265	6	13.1	0.0		58
13/11/2023 14:40	9.5	273	9	12.1	0.0		58
13/11/2023 14:50	10.6	277	6	13.1	0.0		58
13/11/2023 15:00	10.9	273	7	13.5	0.0		58
13/11/2023 15:10	9.8	275	8	12.4	0.0		58
13/11/2023 15:20	9.9	271	8	12.5	0.0		59
13/11/2023 15:30	9.5	273	8	12.6	0.0		59
13/11/2023 15:40	9.4	274	9	11.8	0.0		59
13/11/2023 15:50	8.9	265	8	12.2	0.0		59
13/11/2023 16:00	8.6	273	9	11.2	0.0		58
13/11/2023 16:10	9.6	266	7	11.9	0.0		60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/11/2023 16:20	8.8	270	7	12.2	0.0		59
13/11/2023 16:30	9.0	267	8	11.7	0.0		58
13/11/2023 16:40	9.0	270	7	12.0	0.0		58
13/11/2023 16:50	9.5	270	7	13.4	0.0		58
13/11/2023 17:00	8.6	269	7	12.0	0.0		59
13/11/2023 17:10	9.1	271	7	11.7	0.0		59
13/11/2023 17:20	9.2	271	6	12.3	0.0		60
13/11/2023 17:30	8.8	272	7	11.9	0.0		60
13/11/2023 17:40	9.5	268	5	12.0	0.0		61
13/11/2023 17:50	8.6	265	6	11.3	0.0		62
13/11/2023 18:00	8.3	266	7	11.4	0.0		62
13/11/2023 18:10	8.8	265	6	11.0	0.0		62
13/11/2023 18:20	8.6	264	7	11.8	0.0		63
13/11/2023 18:30	8.5	265	6	11.2	0.0		64
13/11/2023 18:40	8.3	258	7	10.4	0.0		64
13/11/2023 18:50	8.1	264	7	10.8	0.0		64
13/11/2023 19:00	8.3	259	6	10.8	0.0		65
13/11/2023 19:10	7.6	265	6	10.3	0.0		66
13/11/2023 19:20	8.3	261	7	11.2	0.0		66
13/11/2023 19:30	9.1	261	6	11.5	0.0		65
13/11/2023 19:40	8.4	262	7	11.0	0.0		65
13/11/2023 19:50	8.4	264	6	11.0	0.0		65
13/11/2023 20:00	8.9	264	5	11.4	0.0		65
13/11/2023 20:10	7.5	265	6	10.5	0.0		66
13/11/2023 20:20	8.2	261	6	11.1	0.0		66
13/11/2023 20:30	8.2	261	7	11.3	0.0		66
13/11/2023 20:40	7.9	261	7	10.5	0.0		66
13/11/2023 20:50	8.3	261	7	10.9	0.0		66
13/11/2023 21:00	7.9	259	6	10.4	0.0		66
13/11/2023 21:10	8.0	259	7	10.8	0.0		66
13/11/2023 21:20	7.6	258	7	9.7	0.0		66
13/11/2023 21:30	7.8	257	7	10.8	0.0		66
13/11/2023 21:40	7.6	257	8	9.8	0.0		66
13/11/2023 21:50	7.0	252	8	9.0	0.0		66
13/11/2023 22:00	6.8	255	7	9.5	0.0		66
13/11/2023 22:10	6.7	251	8	8.9	0.0		66
13/11/2023 22:20	4.8	248	11	7.2	0.0		66
13/11/2023 22:30	4.1	238	11	5.7	0.0		66
13/11/2023 22:40	4.3	241	11	7.0	0.0		66
13/11/2023 22:50	4.9	246	10	7.0	0.0		66
13/11/2023 23:00	5.4	249	9	8.0	0.0		66
13/11/2023 23:10	5.9	251	7	8.5	0.0		66
13/11/2023 23:20	5.6	252	8	7.6	0.0		66
13/11/2023 23:30	5.2	249	9	7.8	0.0		66
13/11/2023 23:40	4.7	237	11	7.0	0.0		65
13/11/2023 23:50	6.0	249	9	8.0	0.0		65
14/11/2023 00:00	6.3	253	7	8.2	0.0		65
14/11/2023 00:10	6.1	250	8	8.1	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/11/2023 00:20	5.7	251	8	7.9	0.0		66
14/11/2023 00:30	6.4	254	7	8.7	0.0		66
14/11/2023 00:40	6.6	253	6	8.7	0.0		66
14/11/2023 00:50	6.8	253	7	8.7	0.0		67
14/11/2023 01:00	7.1	252	7	9.6	0.0		67
14/11/2023 01:10	6.9	255	6	8.9	0.0		67
14/11/2023 01:20	6.9	254	6	9.6	0.0		68
14/11/2023 01:30	6.7	255	6	9.3	0.0		68
14/11/2023 01:40	6.2	253	8	8.4	0.0		68
14/11/2023 01:50	6.2	254	6	8.2	0.0		68
14/11/2023 02:00	5.9	255	7	8.0	0.0		68
14/11/2023 02:10	6.3	254	7	8.2	0.0		68
14/11/2023 02:20	6.4	256	6	8.8	0.0		68
14/11/2023 02:30	6.8	256	6	9.4	0.0		67
14/11/2023 02:40	6.9	257	6	8.9	0.0		66
14/11/2023 02:50	7.2	257	7	10.6	0.0		66
14/11/2023 03:00	7.5	255	7	10.1	0.0		64
14/11/2023 03:10	7.8	258	7	10.4	0.0		64
14/11/2023 03:20	8.0	257	6	10.1	0.0		63
14/11/2023 03:30	8.0	259	5	10.3	0.0		63
14/11/2023 03:40	8.3	260	5	11.3	0.0		63
14/11/2023 03:50	7.5	259	5	9.8	0.0		64
14/11/2023 04:00	7.4	260	5	9.5	0.0		64
14/11/2023 04:10	7.5	259	5	9.8	0.0		64
14/11/2023 04:20	7.7	259	5	9.9	0.0		64
14/11/2023 04:30	8.4	260	5	10.1	0.0		64
14/11/2023 04:40	8.3	259	6	10.6	0.0		64
14/11/2023 04:50	8.2	261	5	10.0	0.0		65
14/11/2023 05:00	8.5	259	5	11.7	0.0		65
14/11/2023 05:10	7.8	256	6	10.3	0.0		65
14/11/2023 05:20	7.5	256	7	10.0	0.0		66
14/11/2023 05:30	7.3	255	7	10.2	0.0		66
14/11/2023 05:40	7.5	256	7	9.6	0.0		66
14/11/2023 05:50	7.2	256	7	9.6	0.0		66
14/11/2023 06:00	7.5	258	6	10.6	0.0		66
14/11/2023 06:10	7.1	257	7	9.1	0.0		66
14/11/2023 06:20	7.0	257	6	9.0	0.0		65
14/11/2023 06:30	7.5	257	7	10.2	0.0		65
14/11/2023 06:40	7.6	254	7	10.2	0.0		64
14/11/2023 06:50	7.4	252	8	10.5	0.0		63
14/11/2023 07:00	7.6	255	7	10.1	0.0		62
14/11/2023 07:10	8.1	252	7	10.4	0.0		61
14/11/2023 07:20	7.3	252	8	9.9	0.0		61
14/11/2023 07:30	6.6	240	10	9.2	0.0		59
14/11/2023 07:40	6.6	244	10	9.4	0.0		59
14/11/2023 07:50	6.5	241	10	9.0	0.0		58
14/11/2023 08:00	6.8	243	12	9.2	0.0		57
14/11/2023 08:10	7.0	244	12	10.0	0.0		56



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/11/2023 08:20	6.2	238	12	9.0	0.0		54
14/11/2023 08:30	7.1	254	10	9.6	0.0		53
14/11/2023 08:40	7.1	252	12	9.8	0.0		52
14/11/2023 08:50	7.0	256	7	9.2	0.0		52
14/11/2023 09:00	6.3	264	10	8.7	0.0		52
14/11/2023 09:10	7.0	266	8	9.1	0.0		52
14/11/2023 09:20	6.9	260	9	9.0	0.0		50
14/11/2023 09:30	6.9	272	9	9.4	0.0		50
14/11/2023 09:40	7.0	280	12	9.5	0.0		51
14/11/2023 09:50	7.6	281	9	9.5	0.0		51
14/11/2023 10:00	7.5	283	7	9.7	0.0		51
14/11/2023 10:10	8.1	282	6	10.6	0.0		51
14/11/2023 10:20	8.1	282	6	10.4	0.0		51
14/11/2023 10:30	8.2	279	8	10.3	0.0		50
14/11/2023 10:40	8.0	279	9	9.9	0.0		49
14/11/2023 10:50							
14/11/2023 11:00							
14/11/2023 11:10	8.3	278	7	10.6	0.1		
14/11/2023 11:20	9.3	273	7	11.4	0.0		
14/11/2023 11:30	9.2	274	6	11.5	0.0		
14/11/2023 11:40	8.8	274	9	11.4	0.0		
14/11/2023 11:50	9.5	270	8	12.5	0.0		
14/11/2023 12:00	10.0	268	9	12.3	0.0		
14/11/2023 12:10	10.3	266	7	13.0	0.0		
14/11/2023 12:20	9.7	269	8	11.9	0.0		
14/11/2023 12:30	10.1	271	7	12.6	0.0		
14/11/2023 12:40	9.7	268	8	12.4	0.0		
14/11/2023 12:50	10.3	269	7	12.8	0.0		
14/11/2023 13:00	10.3	269	7	13.1	0.0		
14/11/2023 13:10	10.6	268	7	13.2	0.0		
14/11/2023 13:20	10.1	267	7	13.5	0.0		
14/11/2023 13:30	10.0	270	8	12.7	0.0		
14/11/2023 13:40	10.1	266	7	13.5	0.0		
14/11/2023 13:50	10.4	269	7	13.0	0.0		
14/11/2023 14:00	9.9	270	9	13.1	0.0		
14/11/2023 14:10	9.3	268	8	12.2	0.0		
14/11/2023 14:20	9.8	267	7	12.5	0.0		
14/11/2023 14:30	10.1	267	8	12.6	0.0		
14/11/2023 14:40	9.7	273	8	12.3	0.0		
14/11/2023 14:50	9.7	271	9	13.2	0.0		
14/11/2023 15:00	9.0	269	8	11.6	0.0		
14/11/2023 15:10	9.6	274	9	12.1	0.0		
14/11/2023 15:20	10.0	273	8	12.6	0.0		
14/11/2023 15:30	10.0	267	7	12.7	0.0		
14/11/2023 15:40	9.7	267	7	13.2	0.0		
14/11/2023 15:50	9.6	273	7	13.1	0.0		
14/11/2023 16:00	10.1	272	7	13.0	0.0		
14/11/2023 16:10	11.4	277	6	14.4	0.0		



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/11/2023 16:20	10.4	274	8	13.3	0.0		
14/11/2023 16:30	10.5	273	7	14.0	0.0		
14/11/2023 16:40	10.3	273	7	13.1	0.0		
14/11/2023 16:50	9.8	273	7	13.5	0.0		
14/11/2023 17:00	10.7	273	6	13.8	0.0		
14/11/2023 17:10	10.2	270	7	14.0	0.0		
14/11/2023 17:20	10.8	271	7	14.1	0.0		
14/11/2023 17:30	10.4	270	6	13.3	0.0		
14/11/2023 17:40	9.7	267	7	12.4	0.0		
14/11/2023 17:50	10.0	268	6	13.5	0.0		
14/11/2023 18:00	10.4	269	5	13.7	0.0		
14/11/2023 18:10	10.2	269	5	12.9	0.0		
14/11/2023 18:20	9.5	269	5	12.6	0.0		
14/11/2023 18:30	9.0	268	7	11.8	0.0		
14/11/2023 18:40	9.0	268	6	12.1	0.0		
14/11/2023 18:50	9.8	267	5	12.5	0.0		
14/11/2023 19:00	9.9	266	5	12.8	0.0		
14/11/2023 19:10	10.5	265	6	13.8	0.0		
14/11/2023 19:20	9.9	265	5	12.7	0.0		
14/11/2023 19:30	10.6	266	6	13.8	0.0		
14/11/2023 19:40	10.2	263	5	13.2	0.0		
14/11/2023 19:50	11.3	264	5	14.4	0.0		
14/11/2023 20:00	10.7	264	5	13.6	0.0		
14/11/2023 20:10	10.0	264	5	13.8	0.0		
14/11/2023 20:20	9.5	262	7	13.2	0.0		
14/11/2023 20:30	9.3	261	6	12.2	0.0		
14/11/2023 20:40	9.4	263	7	12.3	0.0		
14/11/2023 20:50	9.2	264	7	12.0	0.0		
14/11/2023 21:00	9.5	261	7	12.4	0.0		
14/11/2023 21:10	8.2	257	6	10.9	0.0		
14/11/2023 21:20	9.1	260	6	12.1	0.0		
14/11/2023 21:30	7.5	255	7	10.5	0.0		
14/11/2023 21:40	7.2	253	7	10.9	0.0		
14/11/2023 21:50	7.3	250	8	10.1	0.0		
14/11/2023 22:00	8.0	253	6	11.2	0.0		
14/11/2023 22:10	7.1	252	7	9.5	0.0		
14/11/2023 22:20	7.1	252	7	9.8	0.0		
14/11/2023 22:30	6.2	250	8	8.5	0.0		
14/11/2023 22:40	6.7	251	8	8.6	0.0		
14/11/2023 22:50	7.2	257	6	8.9	0.0		
14/11/2023 23:00	6.1	251	8	9.1	0.0		
14/11/2023 23:10	6.0	250	8	7.9	0.0		
14/11/2023 23:20	7.1	257	6	9.1	0.0		
14/11/2023 23:30	7.2	256	6	9.2	0.0		
14/11/2023 23:40	6.7	250	9	9.2	0.0		
14/11/2023 23:50	7.8	258	6	10.0	0.0		
15/11/2023 00:00	6.9	257	6	9.9	0.0		
15/11/2023 00:10	7.8	257	6	10.3	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/11/2023 00:20	8.3	260	6	10.9	0.0		
15/11/2023 00:30	8.2	259	6	11.0	0.0		
15/11/2023 00:40	7.7	260	7	9.7	0.0		
15/11/2023 00:50	7.5	259	6	9.7	0.0		
15/11/2023 01:00	7.8	262	5	10.1	0.0		
15/11/2023 01:10	7.9	261	6	10.7	0.0		
15/11/2023 01:20	7.8	260	5	10.1	0.0		
15/11/2023 01:30	8.2	260	6	10.7	0.0		
15/11/2023 01:40	8.2	260	5	10.1	0.0		
15/11/2023 01:50	7.7	258	6	9.9	0.0		
15/11/2023 02:00	6.8	254	7	9.0	0.0		
15/11/2023 02:10	6.8	257	6	9.6	0.0		
15/11/2023 02:20	6.7	258	5	9.0	0.0		
15/11/2023 02:30	6.8	262	6	8.7	0.0		
15/11/2023 02:40	7.4	261	6	9.7	0.0		
15/11/2023 02:50	6.9	260	5	9.8	0.0		
15/11/2023 03:00	7.5	262	6	9.6	0.0		
15/11/2023 03:10	7.5	263	6	9.4	0.0		
15/11/2023 03:20	7.3	264	5	9.2	0.0		
15/11/2023 03:30	7.3	264	6	9.6	0.0		
15/11/2023 03:40	7.2	264	6	9.6	0.0		
15/11/2023 03:50	7.1	263	6	10.5	0.0		
15/11/2023 04:00	6.7	265	6	8.4	0.0		
15/11/2023 04:10	6.2	265	6	8.3	0.0		
15/11/2023 04:20	6.0	267	6	7.5	0.0		
15/11/2023 04:30	6.3	265	6	7.7	0.0		
15/11/2023 04:40	6.3	264	5	8.2	0.0		
15/11/2023 04:50	6.3	264	5	8.1	0.0		
15/11/2023 05:00	5.9	262	7	8.0	0.0		
15/11/2023 05:10	5.7	261	6	7.6	0.0		
15/11/2023 05:20	5.5	264	6	7.0	0.0		
15/11/2023 05:30	5.7	266	5	7.4	0.0		
15/11/2023 05:40	5.8	265	5	7.5	0.0		
15/11/2023 05:50	5.9	264	5	7.4	0.0		
15/11/2023 06:00	5.2	263	6	7.0	0.0		
15/11/2023 06:10	5.8	263	6	7.3	0.0		
15/11/2023 06:20	6.0	264	5	7.4	0.0		
15/11/2023 06:30	6.1	265	5	7.9	0.0		
15/11/2023 06:40	6.6	266	5	8.1	0.0		
15/11/2023 06:50	6.5	267	5	8.1	0.0		
15/11/2023 07:00	5.9	267	5	7.4	0.0		
15/11/2023 07:10	5.2	266	6	6.6	0.0		
15/11/2023 07:20	5.3	265	7	6.8	0.0		
15/11/2023 07:30	5.7	264	7	7.6	0.0		
15/11/2023 07:40	5.5	263	8	7.1	0.0		
15/11/2023 07:50	6.1	263	8	7.6	0.0		
15/11/2023 08:00	6.0	260	8	7.6	0.0		
15/11/2023 08:10	5.8	257	7	7.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/11/2023 08:20	5.9	247	13	8.2	0.0		
15/11/2023 08:30	5.9	261	10	8.0	0.0		
15/11/2023 08:40	5.8	257	9	7.4	0.0		
15/11/2023 08:50	6.2	255	9	8.1	0.0		
15/11/2023 09:00	6.4	257	9	8.1	0.0		
15/11/2023 09:10	6.3	258	8	9.3	0.0		
15/11/2023 09:20	6.4	263	9	8.6	0.0		
15/11/2023 09:30	6.3	270	8	8.7	0.0		
15/11/2023 09:40	6.7	276	9	8.5	0.0		
15/11/2023 09:50	6.9	278	8	8.9	0.0		
15/11/2023 10:00	6.9	283	8	9.2	0.0		
15/11/2023 10:10	7.3	284	8	8.9	0.0		
15/11/2023 10:20	7.8	284	8	9.8	0.0		
15/11/2023 10:30	8.3	282	6	10.2	0.0		
15/11/2023 10:40	7.9	282	9	10.2	0.0		
15/11/2023 10:50	8.4	279	6	10.4	0.0		
15/11/2023 11:00	8.2	279	7	10.1	0.0		
15/11/2023 11:10	8.3	282	6	10.3	0.0		
15/11/2023 11:20	8.1	279	7	10.5	0.0		
15/11/2023 11:30	8.8	279	6	10.8	0.0		
15/11/2023 11:40	8.8	276	6	10.8	0.0		
15/11/2023 11:50	9.1	275	7	10.9	0.0		
15/11/2023 12:00	9.1	271	6	11.6	0.0		
15/11/2023 12:10	9.1	271	7	11.3	0.0		
15/11/2023 12:20	9.6	272	7	11.9	0.0		
15/11/2023 12:30	10.1	277	6	11.8	0.0		
15/11/2023 12:40	9.3	272	9	11.9	0.0		
15/11/2023 12:50	9.1	269	9	11.7	0.0		
15/11/2023 13:00	9.9	274	7	12.7	0.0		
15/11/2023 13:10	10.5	272	6	13.4	0.0		
15/11/2023 13:20	10.0	278	7	12.8	0.0		
15/11/2023 13:30	10.6	278	5	12.8	0.0		
15/11/2023 13:40	10.5	272	7	13.3	0.0		
15/11/2023 13:50	10.7	276	6	13.1	0.0		
15/11/2023 14:00	10.5	274	7	13.4	0.0		
15/11/2023 14:10	10.5	274	7	14.0	0.0		
15/11/2023 14:20	10.5	276	6	13.0	0.0		
15/11/2023 14:30	9.7	272	6	12.5	0.0		
15/11/2023 14:40	10.2	272	7	13.0	0.0		
15/11/2023 14:50	10.4	270	7	13.6	0.0		
15/11/2023 15:00	10.6	269	8	13.7	0.0		
15/11/2023 15:10	10.7	274	7	13.9	0.0		
15/11/2023 15:20	11.7	274	5	14.4	0.0		
15/11/2023 15:30	10.6	274	7	14.3	0.0		
15/11/2023 15:40	10.2	274	7	14.2	0.0		
15/11/2023 15:50	11.0	275	6	14.6	0.0		
15/11/2023 16:00	10.4	275	7	13.8	0.0		
15/11/2023 16:10	9.7	266	8	13.2	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/11/2023 16:20	10.2	267	7	13.9	0.0		
15/11/2023 16:30	10.9	269	7	13.7	0.0		
15/11/2023 16:40	10.8	269	6	14.4	0.0		
15/11/2023 16:50	10.9	264	6	13.6	0.0		
15/11/2023 17:00	10.3	269	6	13.0	0.0		
15/11/2023 17:10	10.2	269	7	13.1	0.0		
15/11/2023 17:20	9.7	268	6	12.9	0.0		
15/11/2023 17:30	10.3	268	6	13.4	0.0		
15/11/2023 17:40	10.0	272	6	14.3	0.0		
15/11/2023 17:50	10.2	269	5	13.7	0.0		
15/11/2023 18:00	9.1	268	5	12.8	0.0		
15/11/2023 18:10	9.7	270	5	12.6	0.0		
15/11/2023 18:20	9.0	268	6	11.9	0.0		
15/11/2023 18:30	9.0	269	5	11.7	0.0		
15/11/2023 18:40	9.7	268	5	12.6	0.0		
15/11/2023 18:50	8.7	268	7	11.5	0.0		
15/11/2023 19:00	8.7	269	5	11.2	0.0		
15/11/2023 19:10	9.4	266	5	12.2	0.0		
15/11/2023 19:20	9.8	265	6	12.6	0.0		
15/11/2023 19:30	9.1	269	5	12.2	0.0		
15/11/2023 19:40	9.4	268	4	12.7	0.0		
15/11/2023 19:50	9.1	270	5	11.4	0.0		
15/11/2023 20:00	9.2	266	5	11.8	0.0		
15/11/2023 20:10	9.5	263	5	12.2	0.0		
15/11/2023 20:20	9.6	264	4	12.2	0.0		
15/11/2023 20:30	9.5	263	5	11.9	0.0		
15/11/2023 20:40	9.5	267	6	11.9	0.0		
15/11/2023 20:50	9.6	263	5	11.9	0.0		
15/11/2023 21:00	9.2	258	6	11.8	0.0		
15/11/2023 21:10	9.5	258	6	12.0	0.0		
15/11/2023 21:20	8.4	260	6	10.8	0.0		
15/11/2023 21:30	8.7	261	5	11.4	0.0		
15/11/2023 21:40	9.1	261	6	12.6	0.0		
15/11/2023 21:50	9.4	262	6	12.6	0.0		
15/11/2023 22:00	8.5	258	6	11.8	0.0		
15/11/2023 22:10	8.9	259	6	11.4	0.0		
15/11/2023 22:20	9.2	260	5	11.6	0.0		
15/11/2023 22:30	9.0	259	6	12.5	0.0		
15/11/2023 22:40	9.1	256	6	12.8	0.0		
15/11/2023 22:50	9.1	258	6	11.7	0.0		
15/11/2023 23:00	8.8	263	5	10.7	0.0		
15/11/2023 23:10	8.0	260	5	9.9	0.0		
15/11/2023 23:20	7.4	257	6	9.6	0.0		
15/11/2023 23:30	7.0	253	6	9.0	0.0		
15/11/2023 23:40	7.7	255	6	10.7	0.0		
15/11/2023 23:50	9.1	258	6	11.4	0.0		
16/11/2023 00:00	8.3	257	6	11.2	0.0		
16/11/2023 00:10	8.5	255	6	11.7	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/11/2023 00:20	8.3	255	6	12.1	0.0		
16/11/2023 00:30	8.2	253	7	11.8	0.0		
16/11/2023 00:40	8.3	253	7	11.0	0.0		
16/11/2023 00:50	7.5	254	7	10.4	0.0		
16/11/2023 01:00	8.0	255	6	10.4	0.0		
16/11/2023 01:10	8.2	253	6	10.9	0.0		
16/11/2023 01:20	9.1	254	6	12.0	0.0		
16/11/2023 01:30	9.2	259	5	11.9	0.0		
16/11/2023 01:40	9.1	260	6	11.6	0.0		
16/11/2023 01:50	8.9	259	5	11.4	0.0		
16/11/2023 02:00	8.8	257	5	11.4	0.0		
16/11/2023 02:10	8.7	259	6	11.8	0.0		
16/11/2023 02:20	8.1	257	6	11.0	0.0		
16/11/2023 02:30	7.9	255	7	10.5	0.0		
16/11/2023 02:40	6.4	251	8	8.7	0.0		
16/11/2023 02:50	6.3	248	9	8.9	0.0		
16/11/2023 03:00	7.0	253	7	9.1	0.0		
16/11/2023 03:10	7.1	254	8	9.7	0.0		
16/11/2023 03:20	7.0	254	7	10.3	0.0		
16/11/2023 03:30	6.9	255	7	9.6	0.0		
16/11/2023 03:40	6.4	256	7	9.7	0.0		
16/11/2023 03:50	5.7	255	7	7.9	0.0		
16/11/2023 04:00	6.2	260	6	8.6	0.0		
16/11/2023 04:10	6.4	264	6	8.3	0.0		
16/11/2023 04:20	5.4	259	7	7.5	0.0		
16/11/2023 04:30	5.8	264	5	7.3	0.0		
16/11/2023 04:40	5.9	264	6	7.5	0.0		
16/11/2023 04:50	6.2	260	7	8.0	0.0		
16/11/2023 05:00	6.0	256	6	7.8	0.0		
16/11/2023 05:10	6.7	258	5	8.3	0.0		
16/11/2023 05:20	5.9	257	6	8.1	0.0		
16/11/2023 05:30	5.5	257	8	7.8	0.0		
16/11/2023 05:40	6.5	258	7	8.0	0.0		
16/11/2023 05:50	7.0	258	5	9.4	0.0		
16/11/2023 06:00	6.7	257	7	8.9	0.0		
16/11/2023 06:10	6.3	256	7	8.7	0.0		
16/11/2023 06:20	7.0	261	5	8.9	0.0		
16/11/2023 06:30	8.0	263	4	9.6	0.0		
16/11/2023 06:40	7.7	260	6	9.4	0.0		
16/11/2023 06:50	7.4	262	7	9.5	0.0		
16/11/2023 07:00	6.7	261	6	8.5	0.0		
16/11/2023 07:10	6.7	261	6	8.6	0.0		
16/11/2023 07:20	6.8	266	6	8.4	0.0		
16/11/2023 07:30	6.8	266	7	8.4	0.0		
16/11/2023 07:40	6.1	261	7	8.3	0.0		
16/11/2023 07:50	5.8	260	7	7.4	0.0		
16/11/2023 08:00	5.8	268	9	7.2	0.0		
16/11/2023 08:10	6.5	271	7	8.1	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/11/2023 08:20	6.7	271	7	8.2	0.0		
16/11/2023 08:30	6.1	270	9	7.9	0.0		
16/11/2023 08:40	6.0	267	8	7.6	0.0		
16/11/2023 08:50	5.8	274	9	7.6	0.0		
16/11/2023 09:00	6.2	272	8	8.5	0.0		
16/11/2023 09:10	6.2	282	9	8.3	0.0		
16/11/2023 09:20	6.7	280	9	8.9	0.0		
16/11/2023 09:30	7.2	281	7	9.4	0.0		
16/11/2023 09:40	7.1	276	9	8.8	0.0		
16/11/2023 09:50	7.4	274	8	9.9	0.0		
16/11/2023 10:00	7.3	273	9	9.1	0.0		
16/11/2023 10:10	7.5	274	9	10.0	0.0		
16/11/2023 10:20	7.3	272	11	9.2	0.0		
16/11/2023 10:30	7.4	281	8	9.7	0.0		
16/11/2023 10:40	7.9	275	7	10.1	0.0		
16/11/2023 10:50	8.4	275	10	10.2	0.0		
16/11/2023 11:00	8.2	275	7	10.9	0.0		
16/11/2023 11:10	8.5	279	6	10.2	0.0		
16/11/2023 11:20	7.7	275	7	10.1	0.0		
16/11/2023 11:30	7.3	273	7	9.1	0.0		
16/11/2023 11:40	8.0	271	6	9.4	0.0		
16/11/2023 11:50	8.0	275	8	10.0	0.0		
16/11/2023 12:00	8.3	280	7	9.8	0.0		
16/11/2023 12:10	8.1	278	8	10.2	0.0		
16/11/2023 12:20	8.1	278	7	10.2	0.0		
16/11/2023 12:30	8.4	277	8	10.8	0.0		
16/11/2023 12:40	9.1	275	7	11.0	0.0		
16/11/2023 12:50	8.8	273	5	10.6	0.0		
16/11/2023 13:00	9.0	274	6	11.1	0.0		
16/11/2023 13:10	8.8	277	6	10.9	0.0		
16/11/2023 13:20	8.5	278	7	10.7	0.0		
16/11/2023 13:30	8.3	271	8	10.8	0.0		
16/11/2023 13:40	8.1	271	8	10.3	0.0		
16/11/2023 13:50	8.5	270	8	10.6	0.0		
16/11/2023 14:00	8.5	269	8	10.9	0.0		
16/11/2023 14:10	8.8	271	7	11.2	0.0		
16/11/2023 14:20	9.5	260	7	11.7	0.1		
16/11/2023 14:30	9.6	270	8	11.9	0.0		
16/11/2023 14:40	9.9	277	7	12.3	0.0		
16/11/2023 14:50	9.4	272	7	11.5	0.0		
16/11/2023 15:00	9.5	274	6	11.9	0.0		
16/11/2023 15:10	8.8	273	7	12.6	0.0		
16/11/2023 15:20	9.5	276	7	11.9	0.0		
16/11/2023 15:30	9.5	275	7	12.0	0.0		
16/11/2023 15:40	8.8	269	8	11.2	0.0		
16/11/2023 15:50	9.0	272	8	11.9	0.0		
16/11/2023 16:00	9.4	264	7	11.5	0.0		
16/11/2023 16:10	8.7	266	9	11.2	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/11/2023 16:20	9.5	269	7	11.9	0.0		
16/11/2023 16:30	9.6	266	8	12.4	0.0		
16/11/2023 16:40	10.6	264	5	13.0	0.0		
16/11/2023 16:50	9.8	273	6	12.1	0.0		
16/11/2023 17:00	8.8	268	8	11.3	0.0		
16/11/2023 17:10	8.8	268	7	11.6	0.0		
16/11/2023 17:20	9.3	266	6	11.7	0.0		
16/11/2023 17:30	8.9	266	6	11.5	0.0		
16/11/2023 17:40	9.0	269	6	11.3	0.0		
16/11/2023 17:50	8.9	269	6	11.1	0.0		
16/11/2023 18:00	9.1	267	5	11.9	0.0		
16/11/2023 18:10	9.0	267	6	11.3	0.0		
16/11/2023 18:20	8.5	269	6	11.0	0.0		
16/11/2023 18:30	9.0	269	5	11.4	0.0		
16/11/2023 18:40	9.0	270	6	11.3	0.0		
16/11/2023 18:50	8.6	274	6	11.5	0.0		
16/11/2023 19:00	8.6	277	6	10.8	0.0		
16/11/2023 19:10	8.9	273	6	11.9	0.0		
16/11/2023 19:20	8.2	270	5	11.1	0.0		
16/11/2023 19:30	8.8	268	5	11.3	0.0		
16/11/2023 19:40	9.2	269	5	11.9	0.0		
16/11/2023 19:50	8.2	267	6	11.0	0.0		
16/11/2023 20:00	7.9	267	5	10.7	0.0		
16/11/2023 20:10	8.4	267	6	11.5	0.0		
16/11/2023 20:20	8.8	265	6	11.4	0.0		
16/11/2023 20:30	9.0	263	6	11.5	0.0		
16/11/2023 20:40	8.9	263	6	11.6	0.0		
16/11/2023 20:50	8.3	263	7	10.9	0.0		
16/11/2023 21:00	8.1	264	5	11.1	0.0		
16/11/2023 21:10	8.5	261	6	10.5	0.0		
16/11/2023 21:20	8.2	261	6	10.4	0.0		
16/11/2023 21:30	7.7	257	8	9.7	0.0		
16/11/2023 21:40	7.6	253	7	9.8	0.0		
16/11/2023 21:50	6.8	258	7	8.8	0.0		
16/11/2023 22:00	7.9	257	8	9.9	0.0		
16/11/2023 22:10	7.8	258	7	9.8	0.0		
16/11/2023 22:20	7.3	257	8	9.6	0.0		
16/11/2023 22:30	8.0	258	5	10.7	0.0		
16/11/2023 22:40	7.8	259	6	10.5	0.0		
16/11/2023 22:50	7.5	258	5	9.8	0.0		
16/11/2023 23:00	7.6	260	6	9.5	0.0		
16/11/2023 23:10	7.1	260	6	9.4	0.0		
16/11/2023 23:20	6.5	257	6	9.0	0.0		
16/11/2023 23:30	6.8	256	7	8.7	0.0		
16/11/2023 23:40	7.0	258	6	8.8	0.0		
16/11/2023 23:50	6.2	259	6	8.3	0.0		
17/11/2023 00:00	6.1	259	7	8.3	0.0		
17/11/2023 00:10	6.0	256	6	8.4	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/11/2023 00:20	6.4	260	7	9.1	0.0		
17/11/2023 00:30	6.6	256	7	8.7	0.0		
17/11/2023 00:40	6.2	254	6	8.5	0.0		
17/11/2023 00:50	6.3	253	6	8.3	0.0		
17/11/2023 01:00	6.8	255	6	8.7	0.0		
17/11/2023 01:10	6.7	255	6	9.1	0.0		
17/11/2023 01:20	7.2	251	8	9.1	0.0		
17/11/2023 01:30	6.8	256	6	9.2	0.0		
17/11/2023 01:40	7.8	252	7	10.1	0.0		
17/11/2023 01:50	7.2	251	8	9.6	0.0		
17/11/2023 02:00	7.0	257	6	9.3	0.0		
17/11/2023 02:10	6.8	259	7	8.8	0.0		
17/11/2023 02:20	7.5	261	5	9.9	0.0		
17/11/2023 02:30	7.2	261	5	9.0	0.0		
17/11/2023 02:40	6.9	259	6	9.0	0.0		
17/11/2023 02:50	7.2	259	7	9.7	0.0		
17/11/2023 03:00	6.8	260	6	9.2	0.0		
17/11/2023 03:10	6.6	258	7	9.2	0.0		
17/11/2023 03:20	6.7	260	6	8.7	0.0		
17/11/2023 03:30	7.3	257	6	9.3	0.0		
17/11/2023 03:40	6.5	254	7	8.7	0.0		
17/11/2023 03:50	6.4	255	6	8.5	0.0		
17/11/2023 04:00	6.4	257	7	8.3	0.0		
17/11/2023 04:10	6.9	259	6	8.9	0.0		
17/11/2023 04:20	7.0	258	6	9.1	0.0		
17/11/2023 04:30	6.4	258	5	8.3	0.0		
17/11/2023 04:40	6.7	259	6	8.5	0.0		
17/11/2023 04:50	6.0	258	6	8.5	0.0		
17/11/2023 05:00	6.5	259	6	8.3	0.0		
17/11/2023 05:10	7.3	259	6	9.3	0.0		
17/11/2023 05:20	7.8	260	5	10.2	0.0		
17/11/2023 05:30	7.0	258	6	9.0	0.0		
17/11/2023 05:40	5.8	256	7	7.5	0.0		
17/11/2023 05:50	6.0	260	7	7.5	0.0		
17/11/2023 06:00	6.3	259	6	8.4	0.0		
17/11/2023 06:10	6.4	258	6	8.5	0.0		
17/11/2023 06:20	7.0	262	6	9.5	0.0		
17/11/2023 06:30	7.7	261	6	10.6	0.0		
17/11/2023 06:40	7.7	263	5	9.6	0.0		
17/11/2023 06:50	7.3	261	6	9.1	0.0		
17/11/2023 07:00	7.6	258	7	9.9	0.0		
17/11/2023 07:10	7.8	259	6	9.9	0.0		
17/11/2023 07:20	8.1	258	6	10.2	0.0		
17/11/2023 07:30	7.3	259	6	9.1	0.0		
17/11/2023 07:40	6.2	266	7	8.5	0.0		
17/11/2023 07:50	7.3	268	5	9.1	0.0		
17/11/2023 08:00	6.5	264	7	8.3	0.0		
17/11/2023 08:10	6.6	260	7	8.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/11/2023 08:20	6.6	267	6	8.1	0.0		
17/11/2023 08:30	6.6	270	7	8.2	0.0		
17/11/2023 08:40	6.7	265	7	8.2	0.0		
17/11/2023 08:50	7.3	272	6	8.9	0.0		
17/11/2023 09:00	7.1	270	7	9.2	0.0		
17/11/2023 09:10	6.4	268	8	8.3	0.0		
17/11/2023 09:20	6.4	274	11	8.6	0.0		
17/11/2023 09:30	6.9	285	7	9.0	0.0		
17/11/2023 09:40	7.5	282	7	9.0	0.0		
17/11/2023 09:50	7.8	280	7	10.1	0.0		
17/11/2023 10:00	8.0	280	8	10.4	0.0		
17/11/2023 10:10	8.0	277	9	10.5	0.0		
17/11/2023 10:20	8.3	275	8	10.6	0.0		
17/11/2023 10:30	8.8	277	7	11.2	0.0		
17/11/2023 10:40	8.9	273	9	11.7	0.0		
17/11/2023 10:50	8.9	269	7	11.3	0.0		
17/11/2023 11:00	8.3	269	10	11.2	0.0		
17/11/2023 11:10	8.7	270	8	11.1	0.0		
17/11/2023 11:20	9.2	268	7	12.0	0.0		
17/11/2023 11:30	9.1	272	8	11.2	0.0		
17/11/2023 11:40	8.9	274	10	11.8	0.0		
17/11/2023 11:50	9.3	275	6	11.6	0.0		
17/11/2023 12:00	9.4	280	7	11.5	0.0		
17/11/2023 12:10	9.0	278	8	11.2	0.0		
17/11/2023 12:20	9.2	276	6	11.2	0.0		
17/11/2023 12:30	9.3	274	7	11.9	0.0		
17/11/2023 12:40	9.8	271	5	12.0	0.0		
17/11/2023 12:50	9.5	272	7	11.4	0.0		
17/11/2023 13:00	9.4	269	7	11.7	0.0		
17/11/2023 13:10	9.5	270	8	11.7	0.0		
17/11/2023 13:20	9.8	275	7	11.6	0.0		
17/11/2023 13:30	9.0	273	7	11.6	0.0		
17/11/2023 13:40	9.2	277	7	11.2	0.0		
17/11/2023 13:50	8.5	281	9	10.7	0.0		
17/11/2023 14:00	9.1	280	9	11.7	0.0		
17/11/2023 14:10	9.4	271	6	11.9	0.0		
17/11/2023 14:20	9.6	274	5	11.5	0.0		
17/11/2023 14:30	9.3	267	6	11.5	0.0		
17/11/2023 14:40	8.9	270	7	11.2	0.0		
17/11/2023 14:50	9.1	270	7	11.1	0.0		
17/11/2023 15:00	8.7	271	7	11.3	0.0		
17/11/2023 15:10	8.7	276	7	11.1	0.0		
17/11/2023 15:20	8.9	271	5	11.1	0.0		
17/11/2023 15:30	8.1	276	7	10.3	0.0		
17/11/2023 15:40	8.6	272	6	10.9	0.0		
17/11/2023 15:50	9.0	275	6	11.0	0.0		
17/11/2023 16:00	9.2	273	5	11.4	0.0		
17/11/2023 16:10	9.3	276	7	12.3	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/11/2023 16:20	9.5	269	7	12.4	0.0		
17/11/2023 16:30	9.1	272	7	11.6	0.0		
17/11/2023 16:40	8.9	271	7	11.4	0.0		
17/11/2023 16:50	9.4	270	6	12.2	0.0		
17/11/2023 17:00	9.9	270	6	12.8	0.0		
17/11/2023 17:10	10.0	272	6	13.2	0.0		
17/11/2023 17:20	9.6	272	6	12.8	0.0		
17/11/2023 17:30	9.4	271	7	12.5	0.0		
17/11/2023 17:40	8.8	272	7	11.6	0.0		
17/11/2023 17:50	9.3	270	6	11.9	0.0		
17/11/2023 18:00	9.4	273	6	12.5	0.0		
17/11/2023 18:10	9.2	272	7	11.7	0.0		
17/11/2023 18:20	9.5	271	5	12.1	0.0		
17/11/2023 18:30	9.4	276	5	11.6	0.0		
17/11/2023 18:40	8.8	277	5	11.5	0.0		
17/11/2023 18:50	8.4	273	6	11.2	0.0		
17/11/2023 19:00	9.1	276	6	11.5	0.0		
17/11/2023 19:10	9.2	278	6	11.5	0.0		
17/11/2023 19:20	8.9	273	5	11.4	0.0		
17/11/2023 19:30	8.8	276	6	12.2	0.0		
17/11/2023 19:40	9.0	272	5	11.9	0.0		
17/11/2023 19:50	9.4	274	5	11.7	0.0		
17/11/2023 20:00	9.6	276	6	12.7	0.0		
17/11/2023 20:10	9.3	274	5	11.6	0.0		
17/11/2023 20:20	8.6	273	6	11.6	0.0		
17/11/2023 20:30	8.1	270	7	11.1	0.0		
17/11/2023 20:40	8.8	270	6	11.5	0.0		
17/11/2023 20:50	9.0	268	5	12.3	0.0		
17/11/2023 21:00	8.6	267	5	11.6	0.0		
17/11/2023 21:10	8.8	266	6	11.6	0.0		
17/11/2023 21:20	8.7	265	7	11.3	0.0		
17/11/2023 21:30	7.7	261	7	10.3	0.0		
17/11/2023 21:40	7.5	259	6	10.3	0.0		
17/11/2023 21:50	7.9	263	5	10.5	0.0		
17/11/2023 22:00	7.6	270	5	10.7	0.0		
17/11/2023 22:10	8.0	267	5	10.4	0.0		
17/11/2023 22:20	7.4	266	7	9.9	0.0		
17/11/2023 22:30	7.4	262	6	9.8	0.0		
17/11/2023 22:40	7.0	263	6	9.9	0.0		
17/11/2023 22:50	7.2	260	7	9.7	0.0		
17/11/2023 23:00	7.4	266	6	10.2	0.0		
17/11/2023 23:10	7.7	266	6	10.7	0.0		
17/11/2023 23:20	7.1	258	7	9.9	0.0		
17/11/2023 23:30	6.7	258	7	9.2	0.0		
17/11/2023 23:40	6.5	258	7	8.8	0.0		
17/11/2023 23:50	6.0	262	6	7.9	0.0		
18/11/2023 00:00	7.0	261	7	9.1	0.0		
18/11/2023 00:10	6.4	255	7	8.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/11/2023 00:20	6.2	255	6	8.9	0.0		
18/11/2023 00:30	6.2	253	7	8.1	0.0		
18/11/2023 00:40	6.3	254	8	8.6	0.0		
18/11/2023 00:50	7.0	255	6	9.1	0.0		
18/11/2023 01:00	7.0	256	6	8.8	0.0		
18/11/2023 01:10	7.2	258	5	9.2	0.0		
18/11/2023 01:20	7.3	259	5	9.8	0.0		
18/11/2023 01:30	7.1	257	5	9.1	0.0		
18/11/2023 01:40	7.2	252	7	9.2	0.0		
18/11/2023 01:50	7.2	253	7	10.1	0.0		
18/11/2023 02:00	7.3	253	7	9.8	0.0		
18/11/2023 02:10	7.3	255	7	10.6	0.0		
18/11/2023 02:20	7.1	252	8	9.1	0.0		
18/11/2023 02:30	7.2	254	6	9.9	0.0		
18/11/2023 02:40	6.7	254	7	9.0	0.0		
18/11/2023 02:50	6.3	251	9	8.1	0.0		
18/11/2023 03:00	6.6	254	8	8.6	0.0		
18/11/2023 03:10	6.8	254	6	8.6	0.0		
18/11/2023 03:20	7.0	255	6	8.8	0.0		
18/11/2023 03:30	6.9	256	5	10.0	0.0		
18/11/2023 03:40	7.3	257	5	9.4	0.0		
18/11/2023 03:50	7.2	256	6	9.3	0.0		
18/11/2023 04:00	7.3	257	5	9.4	0.0		
18/11/2023 04:10	7.5	257	5	9.7	0.0		
18/11/2023 04:20	7.7	257	6	9.5	0.0		
18/11/2023 04:30	7.0	257	6	8.6	0.0		
18/11/2023 04:40	7.3	257	6	9.4	0.0		
18/11/2023 04:50	7.1	256	5	9.1	0.0		
18/11/2023 05:00	7.3	256	6	9.5	0.0		
18/11/2023 05:10	7.1	258	5	9.0	0.0		
18/11/2023 05:20	7.2	259	5	8.6	0.0		
18/11/2023 05:30	6.8	258	5	8.9	0.0		
18/11/2023 05:40	6.7	260	6	8.8	0.0		
18/11/2023 05:50	6.9	260	5	8.7	0.0		
18/11/2023 06:00	6.6	259	6	8.6	0.0		
18/11/2023 06:10	6.8	259	6	9.0	0.0		
18/11/2023 06:20	7.1	258	6	9.5	0.0		
18/11/2023 06:30	6.7	256	6	9.2	0.0		
18/11/2023 06:40	6.7	256	7	9.4	0.0		
18/11/2023 06:50	6.9	260	6	9.1	0.0		
18/11/2023 07:00	7.0	260	6	8.9	0.0		
18/11/2023 07:10	6.9	261	7	8.8	0.0		
18/11/2023 07:20	6.7	260	6	8.8	0.0		
18/11/2023 07:30	6.6	257	6	8.9	0.0		
18/11/2023 07:40	6.5	259	6	7.8	0.0		
18/11/2023 07:50	6.0	258	7	8.2	0.0		
18/11/2023 08:00	5.7	258	8	7.3	0.0		
18/11/2023 08:10	6.1	260	6	7.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/11/2023 08:20	5.6	253	13	7.5	0.0		
18/11/2023 08:30	5.7	262	7	7.6	0.0		
18/11/2023 08:40	5.7	263	7	7.9	0.0		
18/11/2023 08:50	6.2	276	7	7.9	0.0		
18/11/2023 09:00	6.4	278	6	8.0	0.0		
18/11/2023 09:10	6.0	283	7	8.2	0.0		
18/11/2023 09:20	6.8	281	8	8.2	0.0		
18/11/2023 09:30	6.5	284	8	8.4	0.0		
18/11/2023 09:40	7.0	277	8	8.7	0.0		
18/11/2023 09:50	6.6	285	8	8.3	0.0		
18/11/2023 10:00	6.7	283	9	8.5	0.0		
18/11/2023 10:10	6.6	280	9	8.0	0.0		
18/11/2023 10:20	6.5	283	8	8.3	0.0		
18/11/2023 10:30	7.2	279	8	9.0	0.0		
18/11/2023 10:40	7.7	279	7	8.8	0.0		
18/11/2023 10:50	7.4	277	6	8.8	0.0		
18/11/2023 11:00	7.8	277	6	9.3	0.0		
18/11/2023 11:10	7.8	278	6	9.3	0.0		
18/11/2023 11:20	7.8	271	8	9.8	0.0		
18/11/2023 11:30	7.5	275	9	9.4	0.0		
18/11/2023 11:40	7.4	268	9	9.6	0.0		
18/11/2023 11:50	8.1	274	7	10.4	0.0		
18/11/2023 12:00	8.1	273	7	9.8	0.0		
18/11/2023 12:10	8.0	270	8	10.0	0.0		
18/11/2023 12:20	8.7	277	6	10.8	0.0		
18/11/2023 12:30	8.3	274	7	10.2	0.0		
18/11/2023 12:40	8.3	268	7	10.8	0.0		
18/11/2023 12:50	9.1	273	6	10.8	0.0		
18/11/2023 13:00	8.7	274	6	11.3	0.0		
18/11/2023 13:10	8.7	273	7	10.4	0.0		
18/11/2023 13:20	9.0	276	6	10.9	0.0		
18/11/2023 13:30	8.9	277	6	10.8	0.0		
18/11/2023 13:40	8.2	274	7	10.5	0.0		
18/11/2023 13:50	9.0	271	7	10.9	0.0		
18/11/2023 14:00	9.2	272	6	11.1	0.0		
18/11/2023 14:10	9.3	271	5	10.9	0.0		
18/11/2023 14:20	8.6	272	6	10.4	0.0		
18/11/2023 14:30	8.7	270	6	10.8	0.0		
18/11/2023 14:40	8.6	273	7	11.0	0.0		
18/11/2023 14:50	8.4	276	8	10.8	0.0		
18/11/2023 15:00	8.4	275	7	11.3	0.0		
18/11/2023 15:10	9.0	278	5	10.7	0.0		
18/11/2023 15:20	9.1	279	6	10.8	0.0		
18/11/2023 15:30	8.7	278	8	10.7	0.0		
18/11/2023 15:40	8.7	278	6	10.4	0.0		
18/11/2023 15:50	8.2	281	7	10.5	0.0		
18/11/2023 16:00	8.7	271	7	11.5	0.0		
18/11/2023 16:10	8.4	282	7	11.0	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/11/2023 16:20	9.4	276	6	11.6	0.0		
18/11/2023 16:30	9.0	280	6	11.4	0.0		
18/11/2023 16:40	9.1	279	6	11.2	0.0		
18/11/2023 16:50	8.6	278	6	11.1	0.0		
18/11/2023 17:00	8.9	281	6	11.3	0.0		
18/11/2023 17:10	8.8	279	6	11.2	0.0		
18/11/2023 17:20	8.7	283	5	10.5	0.0		
18/11/2023 17:30	8.2	278	6	10.3	0.0		
18/11/2023 17:40	8.7	280	6	10.6	0.0		
18/11/2023 17:50	8.7	280	5	11.3	0.0		
18/11/2023 18:00	9.0	280	6	11.0	0.0		
18/11/2023 18:10	9.0	278	5	10.6	0.0		
18/11/2023 18:20	8.1	275	6	10.5	0.0		
18/11/2023 18:30	7.8	273	6	10.3	0.0		
18/11/2023 18:40	7.6	273	5	9.7	0.0		
18/11/2023 18:50	7.6	275	6	9.7	0.0		
18/11/2023 19:00	8.0	272	5	10.0	0.0		
18/11/2023 19:10	7.8	270	5	10.0	0.0		
18/11/2023 19:20	7.1	265	5	9.4	0.0		
18/11/2023 19:30	6.2	265	6	8.2	0.0		
18/11/2023 19:40	6.7	267	6	9.5	0.0		
18/11/2023 19:50	7.2	268	5	9.4	0.0		
18/11/2023 20:00	7.0	265	5	8.8	0.0		
18/11/2023 20:10	7.4	268	4	9.6	0.0		
18/11/2023 20:20	7.2	266	5	9.1	0.0		
18/11/2023 20:30	7.5	269	5	9.6	0.0		
18/11/2023 20:40	7.4	270	5	9.2	0.0		
18/11/2023 20:50	6.7	268	5	9.0	0.0		
18/11/2023 21:00	7.1	269	5	8.8	0.0		
18/11/2023 21:10	7.0	267	6	8.8	0.0		
18/11/2023 21:20	6.9	268	5	8.8	0.0		
18/11/2023 21:30	7.0	272	5	10.0	0.0		
18/11/2023 21:40	6.2	268	5	8.4	0.0		
18/11/2023 21:50	6.9	265	5	8.6	0.0		
18/11/2023 22:00	6.4	265	6	8.0	0.0		
18/11/2023 22:10	6.5	265	5	8.3	0.0		
18/11/2023 22:20	6.3	267	5	8.1	0.0		
18/11/2023 22:30	6.7	266	5	8.0	0.0		
18/11/2023 22:40	6.6	265	5	8.1	0.0		
18/11/2023 22:50	6.9	267	4	8.8	0.0		
18/11/2023 23:00	6.6	269	5	8.5	0.0		
18/11/2023 23:10	6.9	269	5	9.6	0.0		
18/11/2023 23:20	6.7	270	4	9.0	0.0		
18/11/2023 23:30	6.2	268	5	8.5	0.0		
18/11/2023 23:40	6.1	267	6	8.4	0.0		
18/11/2023 23:50	6.6	268	5	8.3	0.0		
19/11/2023 00:00	6.2	267	5	7.6	0.0		
19/11/2023 00:10	6.7	269	4	8.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/11/2023 00:20	6.0	267	5	7.9	0.0		
19/11/2023 00:30	5.6	265	5	7.3	0.0		
19/11/2023 00:40	6.1	264	5	7.9	0.0		
19/11/2023 00:50	6.2	263	5	7.5	0.0		
19/11/2023 01:00	5.7	268	5	7.8	0.0		
19/11/2023 01:10	6.1	268	5	8.1	0.0		
19/11/2023 01:20	7.0	268	5	8.8	0.0		
19/11/2023 01:30	7.3	265	5	8.8	0.0		
19/11/2023 01:40	7.2	265	5	8.5	0.0		
19/11/2023 01:50	6.7	267	6	8.6	0.0		
19/11/2023 02:00	6.5	266	5	8.7	0.0		
19/11/2023 02:10	6.3	266	5	8.4	0.0		
19/11/2023 02:20	6.3	268	6	7.8	0.0		
19/11/2023 02:30	6.6	264	6	8.4	0.0		
19/11/2023 02:40	6.5	268	5	8.4	0.0		
19/11/2023 02:50	6.1	267	6	7.6	0.0		
19/11/2023 03:00	6.4	265	6	7.9	0.0		
19/11/2023 03:10	6.3	260	6	8.3	0.0		
19/11/2023 03:20	6.3	257	5	8.3	0.0		
19/11/2023 03:30	6.7	258	5	8.9	0.0		
19/11/2023 03:40	6.5	258	5	8.1	0.0		
19/11/2023 03:50	5.8	256	6	7.3	0.0		
19/11/2023 04:00	5.2	256	5	6.9	0.0		
19/11/2023 04:10	5.2	258	6	6.7	0.0		
19/11/2023 04:20	6.0	257	6	8.1	0.0		
19/11/2023 04:30	5.7	259	6	7.4	0.0		
19/11/2023 04:40	5.4	259	6	6.6	0.0		
19/11/2023 04:50	5.5	259	5	7.8	0.0		
19/11/2023 05:00	5.4	261	5	6.9	0.0		
19/11/2023 05:10	5.3	261	5	6.6	0.0		
19/11/2023 05:20	5.2	261	4	6.3	0.0		
19/11/2023 05:30	4.9	260	5	6.2	0.0		
19/11/2023 05:40	5.2	260	5	6.3	0.0		
19/11/2023 05:50	5.1	261	5	6.1	0.0		
19/11/2023 06:00	5.1	263	6	6.1	0.0		
19/11/2023 06:10	4.5	262	7	5.8	0.0		
19/11/2023 06:20	4.5	257	6	5.8	0.0		
19/11/2023 06:30	4.5	263	7	5.5	0.0		
19/11/2023 06:40	4.4	260	6	5.5	0.0		
19/11/2023 06:50	4.3	254	8	6.2	0.0		
19/11/2023 07:00	4.9	253	8	6.4	0.0		
19/11/2023 07:10	5.2	255	6	6.4	0.0		
19/11/2023 07:20	4.9	258	6	6.0	0.0		
19/11/2023 07:30	4.5	264	6	5.5	0.0		
19/11/2023 07:40	3.9	257	9	4.9	0.0		
19/11/2023 07:50	3.5	261	9	4.4	0.0		
19/11/2023 08:00	2.9	263	10	3.7	0.0		
19/11/2023 08:10	2.7	261	13	3.7	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/11/2023 08:20	2.4	251	12	3.4	0.0		
19/11/2023 08:30	2.3	259	15	3.4	0.0		
19/11/2023 08:40	2.6	249	13	3.6	0.0		
19/11/2023 08:50	2.3	269	19	3.6	0.0		
19/11/2023 09:00	2.3	266	12	3.1	0.0		
19/11/2023 09:10	1.9	266	21	3.4	0.0		
19/11/2023 09:20	2.3	262	21	3.7	0.0		
19/11/2023 09:30	2.5	277	13	4.0	0.0		
19/11/2023 09:40	2.8	262	9	3.6	0.0		
19/11/2023 09:50	3.0	268	11	4.5	0.0		
19/11/2023 10:00	2.9	273	15	4.0	0.0		
19/11/2023 10:10	3.2	271	13	4.9	0.0		
19/11/2023 10:20	4.1	273	7	5.1	0.0		
19/11/2023 10:30	4.6	272	7	6.0	0.0		
19/11/2023 10:40	4.5	275	8	5.5	0.0		
19/11/2023 10:50	5.1	279	9	5.9	0.0		
19/11/2023 11:00	5.9	279	6	7.0	0.0		
19/11/2023 11:10	5.2	278	6	6.5	0.0		
19/11/2023 11:20	5.2	290	6	6.7	0.0		
19/11/2023 11:30	5.6	283	7	6.7	0.0		
19/11/2023 11:40	6.2	277	6	7.2	0.0		
19/11/2023 11:50	6.1	278	7	7.5	0.0		
19/11/2023 12:00	6.8	275	6	8.0	0.0		
19/11/2023 12:10	6.7	275	6	8.3	0.0		
19/11/2023 12:20	6.9	277	5	8.1	0.0		
19/11/2023 12:30	6.8	279	5	8.4	0.0		
19/11/2023 12:40	7.0	277	6	8.5	0.0		
19/11/2023 12:50	6.3	273	7	8.1	0.0		
19/11/2023 13:00	6.9	278	6	8.3	0.0		
19/11/2023 13:10	6.5	271	7	8.6	0.0		
19/11/2023 13:20	7.0	272	7	8.7	0.0		
19/11/2023 13:30	7.8	274	6	9.4	0.0		
19/11/2023 13:40	7.3	276	7	9.3	0.0		
19/11/2023 13:50	7.6	276	7	9.0	0.0		
19/11/2023 14:00	7.4	276	5	9.1	0.0		
19/11/2023 14:10	6.2	267	7	7.6	0.0		
19/11/2023 14:20	5.8	267	8	7.5	0.0		
19/11/2023 14:30	5.8	264	7	7.5	0.0		
19/11/2023 14:40	5.7	269	10	7.4	0.0		
19/11/2023 14:50	5.3	321	12	7.2	0.0		
19/11/2023 15:00	5.8	309	13	7.8	0.0		
19/11/2023 15:10	6.1	328	11	8.3	0.0		
19/11/2023 15:20	6.3	320	8	8.2	0.0		
19/11/2023 15:30	6.3	318	9	8.5	0.0		
19/11/2023 15:40	5.9	309	12	8.4	0.0		
19/11/2023 15:50	6.2	312	9	8.3	0.0		
19/11/2023 16:00	5.9	321	13	9.0	0.0		
19/11/2023 16:10	5.8	309	12	8.0	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/11/2023 16:20	5.7	305	10	7.7	0.0		
19/11/2023 16:30	5.7	306	12	8.0	0.0		
19/11/2023 16:40	6.5	288	7	8.8	0.0		
19/11/2023 16:50	6.1	294	9	8.3	0.0		
19/11/2023 17:00	5.8	299	10	8.3	0.0		
19/11/2023 17:10	7.1	288	7	9.2	0.0		
19/11/2023 17:20	6.8	294	7	9.2	0.0		
19/11/2023 17:30	5.4	295	11	7.3	0.0		
19/11/2023 17:40	7.0	291	8	9.2	0.0		
19/11/2023 17:50	6.6	290	7	8.6	0.0		
19/11/2023 18:00	4.9	294	11	6.9	0.0		
19/11/2023 18:10	6.5	286	7	8.4	0.0		
19/11/2023 18:20	5.9	288	7	7.9	0.0		
19/11/2023 18:30	6.6	289	6	8.4	0.0		
19/11/2023 18:40	6.2	292	7	7.8	0.0		
19/11/2023 18:50	6.9	293	7	8.8	0.0		
19/11/2023 19:00	6.1	285	7	8.3	0.0		
19/11/2023 19:10	7.1	282	5	9.1	0.0		
19/11/2023 19:20	6.0	290	6	8.1	0.0		
19/11/2023 19:30	6.8	282	6	8.7	0.0		
19/11/2023 19:40	6.9	279	7	9.2	0.0		
19/11/2023 19:50	6.3	281	7	8.5	0.0		
19/11/2023 20:00	6.3	282	7	8.7	0.0		
19/11/2023 20:10	6.9	278	6	9.3	0.0		
19/11/2023 20:20	6.8	276	7	9.6	0.0		
19/11/2023 20:30	7.7	274	6	9.9	0.0		
19/11/2023 20:40	8.6	271	6	10.8	0.0		
19/11/2023 20:50	7.7	275	6	10.2	0.0		
19/11/2023 21:00	8.4	277	6	10.9	0.0		
19/11/2023 21:10	7.9	276	6	10.3	0.0		
19/11/2023 21:20	8.4	272	6	11.0	0.0		
19/11/2023 21:30	8.5	269	5	11.4	0.0		
19/11/2023 21:40	8.9	269	5	11.3	0.0		
19/11/2023 21:50	9.1	269	6	11.9	0.0		
19/11/2023 22:00	9.3	267	6	11.6	0.0		
19/11/2023 22:10	9.4	270	5	12.0	0.0		
19/11/2023 22:20	9.3	270	5	11.3	0.0		
19/11/2023 22:30	9.7	265	5	12.2	0.0		
19/11/2023 22:40	10.1	267	5	13.0	0.0		
19/11/2023 22:50	9.5	266	4	12.3	0.0		
19/11/2023 23:00	9.3	266	5	11.6	0.0		
19/11/2023 23:10	8.9	267	5	11.5	0.0		
19/11/2023 23:20	9.3	262	6	11.3	0.0		
19/11/2023 23:30	8.0	258	6	10.1	0.0		
19/11/2023 23:40	7.9	259	5	9.7	0.0		
19/11/2023 23:50	8.9	261	5	11.0	0.0		
20/11/2023 00:00	8.9	259	6	10.7	0.0		
20/11/2023 00:10	7.7	258	6	9.9	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/11/2023 00:20	8.0	260	5	10.1	0.0		
20/11/2023 00:30	7.4	262	5	9.7	0.0		
20/11/2023 00:40	7.2	259	6	9.2	0.0		
20/11/2023 00:50	6.8	257	6	8.9	0.0		
20/11/2023 01:00	7.9	258	6	11.0	0.0		
20/11/2023 01:10	7.7	258	6	10.0	0.0		
20/11/2023 01:20	8.1	260	6	10.6	0.0		
20/11/2023 01:30	8.1	259	6	10.0	0.0		
20/11/2023 01:40	8.3	260	5	10.5	0.0		
20/11/2023 01:50	7.8	263	5	9.7	0.0		
20/11/2023 02:00	7.2	263	5	9.0	0.0		
20/11/2023 02:10	7.2	265	5	9.3	0.0		
20/11/2023 02:20	7.7	260	5	10.1	0.0		
20/11/2023 02:30	7.8	260	5	9.6	0.0		
20/11/2023 02:40	7.4	263	6	9.2	0.0		
20/11/2023 02:50	7.0	265	5	8.9	0.0		
20/11/2023 03:00	6.9	265	6	8.4	0.0		
20/11/2023 03:10	6.5	263	7	8.6	0.0		
20/11/2023 03:20	6.4	256	8	8.1	0.0		
20/11/2023 03:30	7.0	253	7	9.6	0.0		
20/11/2023 03:40	7.2	258	6	9.4	0.0		
20/11/2023 03:50	7.0	263	6	9.0	0.0		
20/11/2023 04:00	6.4	257	5	8.0	0.0		
20/11/2023 04:10	6.9	262	5	8.4	0.0		
20/11/2023 04:20	6.8	259	6	8.3	0.0		
20/11/2023 04:30	6.9	258	6	8.5	0.0		
20/11/2023 04:40	6.6	256	7	8.2	0.0		
20/11/2023 04:50	6.3	254	7	8.1	0.0		
20/11/2023 05:00	6.6	268	4	8.2	0.0		
20/11/2023 05:10	6.7	266	4	8.2	0.0		
20/11/2023 05:20	5.7	270	5	7.7	0.0		
20/11/2023 05:30	5.9	270	5	7.4	0.0		
20/11/2023 05:40	5.6	261	5	6.9	0.0		
20/11/2023 05:50	5.0	268	5	6.7	0.0		
20/11/2023 06:00	3.8	270	7	4.9	0.0		
20/11/2023 06:10	4.0	276	6	5.1	0.0		
20/11/2023 06:20	4.2	274	5	5.2	0.0		
20/11/2023 06:30	4.1	272	5	5.5	0.0		
20/11/2023 06:40	3.7	265	7	5.3	0.0		
20/11/2023 06:50	4.0	268	6	5.7	0.0		
20/11/2023 07:00	3.8	261	8	5.0	0.0		
20/11/2023 07:10	4.3	260	6	5.6	0.0		
20/11/2023 07:20	4.6	265	6	5.7	0.0		
20/11/2023 07:30	5.1	269	7	6.7	0.0		
20/11/2023 07:40	4.8	271	8	6.1	0.0		
20/11/2023 07:50	4.5	268	9	5.9	0.0		
20/11/2023 08:00	4.6	268	7	5.9	0.0		
20/11/2023 08:10	4.3	267	8	5.8	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/11/2023 08:20	4.4	259	9	5.9	0.0		
20/11/2023 08:30	4.7	266	9	6.5	0.0		
20/11/2023 08:40	4.8	262	10	6.0	0.0		
20/11/2023 08:50	4.6	248	12	6.4	0.0		
20/11/2023 09:00	5.2	238	9	7.1	0.0		
20/11/2023 09:10	5.5	236	12	7.9	0.0		
20/11/2023 09:20	6.3	234	11	8.9	0.0		
20/11/2023 09:30	6.0	231	10	8.5	0.0		
20/11/2023 09:40	6.9	228	9	9.8	0.0		
20/11/2023 09:50	7.0	230	9	9.4	0.0		
20/11/2023 10:00	7.6	226	9	9.9	0.0		
20/11/2023 10:10	7.2	230	9	10.6	0.0		
20/11/2023 10:20	7.0	235	11	10.0	0.0		
20/11/2023 10:30	5.7	245	16	9.4	0.0		
20/11/2023 10:40	5.4	246	13	8.0	0.0		
20/11/2023 10:50	5.6	272	13	8.2	0.0		
20/11/2023 11:00	5.9	275	10	7.8	0.0		
20/11/2023 11:10	5.8	276	8	7.4	0.0		
20/11/2023 11:20	5.4	287	9	7.6	0.0		
20/11/2023 11:30	4.9	296	10	7.3	0.0		
20/11/2023 11:40	4.8	296	10	6.4	0.0		
20/11/2023 11:50	5.0	297	10	6.6	0.0		
20/11/2023 12:00	5.0	294	9	6.6	0.0		
20/11/2023 12:10	5.6	310	16	7.5	0.0		
20/11/2023 12:20	5.5	329	13	7.7	0.0		
20/11/2023 12:30	5.6	334	13	8.2	0.0		
20/11/2023 12:40	4.8	342	14	6.6	0.0		
20/11/2023 12:50	5.7	355	13	8.2	0.0		
20/11/2023 13:00	5.7	188	13	8.2	0.0		
20/11/2023 13:10	7.3	354	10	10.1	0.0		
20/11/2023 13:20	7.2	349	9	9.0	0.0		
20/11/2023 13:30	8.7	9	8	11.6	0.0		
20/11/2023 13:40	7.0	183	9	9.3	0.0		
20/11/2023 13:50	6.3	342	11	7.8	0.0		
20/11/2023 14:00	6.5	334	10	8.6	0.0		
20/11/2023 14:10	8.3	343	8	10.6	0.0		
20/11/2023 14:20	7.8	347	8	9.8	0.0		
20/11/2023 14:30	7.0	339	10	8.9	0.0		
20/11/2023 14:40	6.2	337	11	8.4	0.0		
20/11/2023 14:50	6.6	346	9	8.5	0.0		
20/11/2023 15:00	6.4	349	9	8.4	0.0		
20/11/2023 15:10	5.5	325	13	8.0	0.0		
20/11/2023 15:20	6.4	327	9	8.5	0.0		
20/11/2023 15:30	5.8	335	12	8.4	0.0		
20/11/2023 15:40	5.2	328	10	8.1	0.0		
20/11/2023 15:50	5.7	320	9	7.6	0.0		
20/11/2023 16:00	5.5	322	13	8.2	0.0		
20/11/2023 16:10	5.9	309	8	8.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/11/2023 16:20	5.0	305	9	7.1	0.0		
20/11/2023 16:30	4.2	311	13	6.1	0.0		
20/11/2023 16:40	5.3	328	15	7.2	0.0		
20/11/2023 16:50	5.3	328	10	7.6	0.0		
20/11/2023 17:00	5.5	320	9	7.7	0.0		
20/11/2023 17:10	6.3	328	8	7.9	0.0		
20/11/2023 17:20	5.2	321	10	7.2	0.0		
20/11/2023 17:30	5.3	308	9	7.2	0.0		
20/11/2023 17:40	5.2	291	9	7.1	0.0		
20/11/2023 17:50	5.0	284	8	6.6	0.0		
20/11/2023 18:00	5.3	279	8	7.5	0.0		
20/11/2023 18:10	6.3	275	7	10.0	0.0		
20/11/2023 18:20	5.7	276	8	8.1	0.0		
20/11/2023 18:30	6.0	267	9	8.5	0.0		
20/11/2023 18:40	7.5	256	8	10.7	0.0		
20/11/2023 18:50	8.0	260	7	10.6	0.0		
20/11/2023 19:00	7.0	271	6	8.6	0.0		
20/11/2023 19:10	7.7	281	6	9.9	0.0		
20/11/2023 19:20	7.4	271	7	9.8	0.0		
20/11/2023 19:30	7.6	266	5	9.3	0.0		
20/11/2023 19:40	6.3	269	7	8.7	0.0		
20/11/2023 19:50	6.4	273	5	8.4	0.0		
20/11/2023 20:00	5.4	268	7	7.7	0.0		
20/11/2023 20:10	6.8	262	7	9.4	0.0		
20/11/2023 20:20	7.2	270	7	9.9	0.0		
20/11/2023 20:30	7.1	268	7	9.9	0.0		
20/11/2023 20:40	6.9	264	7	9.4	0.0		
20/11/2023 20:50	7.2	265	7	9.3	0.0		
20/11/2023 21:00	6.8	264	6	8.8	0.0		
20/11/2023 21:10	7.0	261	6	8.9	0.0		
20/11/2023 21:20	7.4	258	6	9.2	0.0		
20/11/2023 21:30	7.2	262	5	9.5	0.0		
20/11/2023 21:40	6.2	254	7	7.6	0.0		
20/11/2023 21:50	7.1	256	8	9.4	0.0		
20/11/2023 22:00	7.5	264	5	9.3	0.0		
20/11/2023 22:10	7.3	268	6	8.9	0.0		
20/11/2023 22:20	7.2	263	7	9.2	0.0		
20/11/2023 22:30	7.2	260	6	9.3	0.0		
20/11/2023 22:40	6.4	257	6	8.5	0.0		
20/11/2023 22:50	5.9	260	7	8.8	0.0		
20/11/2023 23:00	5.8	259	7	8.0	0.0		
20/11/2023 23:10	6.2	257	5	8.2	0.0		
20/11/2023 23:20	5.9	260	7	7.9	0.0		
20/11/2023 23:30	6.4	255	8	8.2	0.0		
20/11/2023 23:40	6.3	259	5	7.8	0.0		
20/11/2023 23:50	6.1	257	6	7.4	0.0		
21/11/2023 00:00	5.7	260	6	7.3	0.0		
21/11/2023 00:10	5.7	262	5	7.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/11/2023 00:20	5.6	253	6	7.4	0.0		
21/11/2023 00:30	5.6	253	7	7.3	0.0		
21/11/2023 00:40	7.2	260	5	8.8	0.0		
21/11/2023 00:50	7.6	260	5	9.4	0.0		
21/11/2023 01:00	6.7	268	6	8.4	0.0		
21/11/2023 01:10	6.7	267	6	8.8	0.0		
21/11/2023 01:20	6.6	263	6	8.2	0.0		
21/11/2023 01:30	6.4	262	6	8.2	0.0		
21/11/2023 01:40	6.3	261	5	7.6	0.0		
21/11/2023 01:50	5.4	257	6	6.9	0.0		
21/11/2023 02:00	3.7	252	9	5.8	0.0		
21/11/2023 02:10	3.4	270	6	4.3	0.0		
21/11/2023 02:20	3.5	263	6	4.5	0.0		
21/11/2023 02:30	4.0	254	6	5.0	0.0		
21/11/2023 02:40	4.7	259	4	5.8	0.0		
21/11/2023 02:50	4.0	262	5	4.9	0.0		
21/11/2023 03:00	3.8	267	5	4.7	0.0		
21/11/2023 03:10	3.1	266	6	4.0	0.0		
21/11/2023 03:20	3.5	278	5	4.5	0.0		
21/11/2023 03:30	3.7	286	5	4.7	0.0		
21/11/2023 03:40	3.9	283	5	4.9	0.0		
21/11/2023 03:50	4.3	289	4	5.3	0.0		
21/11/2023 04:00	4.2	284	5	5.0	0.0		
21/11/2023 04:10	4.4	276	4	5.4	0.0		
21/11/2023 04:20	4.3	271	4	5.5	0.0		
21/11/2023 04:30	4.2	268	5	5.2	0.0		
21/11/2023 04:40	4.2	269	5	5.3	0.0		
21/11/2023 04:50	3.9	281	5	4.9	0.0		
21/11/2023 05:00	4.0	286	5	5.1	0.0		
21/11/2023 05:10	4.4	284	5	5.5	0.0		
21/11/2023 05:20	4.7	276	4	5.8	0.0		
21/11/2023 05:30	3.6	274	4	4.5	0.0		
21/11/2023 05:40	3.8	277	3	4.5	0.0		
21/11/2023 05:50	3.6	276	4	4.2	0.0		
21/11/2023 06:00	3.5	273	4	4.2	0.0		
21/11/2023 06:10	4.0	277	4	4.9	0.0		
21/11/2023 06:20	4.1	277	5	4.9	0.0		
21/11/2023 06:30	3.6	271	6	4.8	0.0		
21/11/2023 06:40	4.1	273	6	5.0	0.0		
21/11/2023 06:50	3.5	271	7	4.3	0.0		
21/11/2023 07:00	3.9	276	6	4.9	0.0		
21/11/2023 07:10	4.8	275	6	5.6	0.0		
21/11/2023 07:20	4.8	277	7	5.9	0.0		
21/11/2023 07:30	4.6	272	7	5.8	0.0		
21/11/2023 07:40	4.6	262	7	5.9	0.0		
21/11/2023 07:50	4.5	263	7	5.7	0.0		
21/11/2023 08:00	4.8	261	5	5.7	0.0		
21/11/2023 08:10	4.4	271	7	5.4	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/11/2023 08:20	4.1	270	11	5.1	0.0		
21/11/2023 08:30	3.9	274	9	5.1	0.0		
21/11/2023 08:40	4.4	279	7	5.7	0.0		
21/11/2023 08:50	4.4	280	7	5.4	0.0		
21/11/2023 09:00	4.1	283	7	5.2	0.0		
21/11/2023 09:10	4.2	293	8	5.2	0.0		
21/11/2023 09:20	4.0	286	11	5.4	0.0		
21/11/2023 09:30	4.4	278	8	5.3	0.0		
21/11/2023 09:40	4.8	277	8	5.8	0.0		
21/11/2023 09:50	4.5	274	8	5.7	0.0		
21/11/2023 10:00	4.3	263	10	6.1	0.0		
21/11/2023 10:10	3.9	262	10	5.6	0.0		
21/11/2023 10:20	3.5	264	13	5.2	0.0		
21/11/2023 10:30	3.4	282	13	4.5	0.0		
21/11/2023 10:40	3.9	286	10	5.3	0.0		
21/11/2023 10:50	4.8	285	8	5.9	0.0		
21/11/2023 11:00	4.9	292	10	6.1	0.0		
21/11/2023 11:10	5.1	292	7	6.2	0.0		
21/11/2023 11:20	4.7	287	12	5.9	0.0		
21/11/2023 11:30	4.1	296	17	5.8	0.0		
21/11/2023 11:40	4.9	14	25	8.2	0.0		
21/11/2023 11:50	5.9	29	18	8.3	0.0		
21/11/2023 12:00	4.5	12	13	6.2	0.0		
21/11/2023 12:10	4.3	179	11	6.2	0.0		
21/11/2023 12:20	5.0	179	16	6.9	0.0		
21/11/2023 12:30	5.6	184	11	7.3	0.0		
21/11/2023 12:40	5.5	347	12	7.1	0.0		
21/11/2023 12:50	5.1	339	12	6.8	0.0		
21/11/2023 13:00	5.4	324	9	7.0	0.0		
21/11/2023 13:10	5.8	332	8	7.2	0.0		
21/11/2023 13:20	5.6	328	8	7.6	0.0		
21/11/2023 13:30	5.3	330	7	6.9	0.0		
21/11/2023 13:40	5.2	324	9	6.8	0.0		
21/11/2023 13:50	4.4	312	13	6.2	0.0		
21/11/2023 14:00	4.5	318	10	6.1	0.0		
21/11/2023 14:10	4.1	313	15	5.6	0.0		
21/11/2023 14:20	3.6	299	14	5.2	0.0		
21/11/2023 14:30	4.0	320	16	6.0	0.0		
21/11/2023 14:40	4.1	324	12	5.4	0.0		
21/11/2023 14:50	3.7	315	11	5.6	0.0		
21/11/2023 15:00	4.1	324	10	5.6	0.0		
21/11/2023 15:10	4.8	320	9	6.2	0.0		
21/11/2023 15:20	5.4	329	10	6.9	0.0		
21/11/2023 15:30	4.5	304	13	6.1	0.0		
21/11/2023 15:40	5.9	321	10	7.7	0.0		
21/11/2023 15:50	4.8	317	9	6.9	0.0		
21/11/2023 16:00	5.6	336	9	7.4	0.0		
21/11/2023 16:10	5.8	324	8	7.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/11/2023 16:20	5.8	336	11	7.9	0.0		
21/11/2023 16:30	5.4	308	10	7.4	0.0		
21/11/2023 16:40	5.8	327	8	7.4	0.0		
21/11/2023 16:50	5.9	315	6	7.8	0.0		
21/11/2023 17:00	5.6	320	8	7.7	0.0		
21/11/2023 17:10	5.2	310	13	6.8	0.0		
21/11/2023 17:20	5.2	305	11	7.1	0.0		
21/11/2023 17:30	5.5	297	8	6.9	0.0		
21/11/2023 17:40	4.7	299	11	6.6	0.0		
21/11/2023 17:50	5.4	296	8	6.6	0.0		
21/11/2023 18:00	4.7	300	8	6.1	0.0		
21/11/2023 18:10	4.7	310	8	6.4	0.0		
21/11/2023 18:20	4.7	292	8	6.1	0.0		
21/11/2023 18:30	5.2	295	9	6.6	0.0		
21/11/2023 18:40	5.2	279	11	6.9	0.0		
21/11/2023 18:50	6.3	266	8	8.2	0.0		
21/11/2023 19:00	6.5	263	6	8.4	0.0		
21/11/2023 19:10	5.5	269	7	7.2	0.0		
21/11/2023 19:20	4.5	274	6	5.9	0.0		
21/11/2023 19:30	4.4	268	7	5.6	0.0		
21/11/2023 19:40	4.0	282	7	5.6	0.0		
21/11/2023 19:50	3.8	283	6	4.9	0.0		
21/11/2023 20:00	3.6	281	8	4.3	0.0		
21/11/2023 20:10	2.9	266	7	3.9	0.0		
21/11/2023 20:20	3.9	164	36	7.6	0.0		
21/11/2023 20:30	3.7	194	21	5.8	0.0		
21/11/2023 20:40	3.5	153	19	5.5	0.0		
21/11/2023 20:50	2.3	140	15	3.8	0.0		
21/11/2023 21:00	1.6	143	19	2.6	0.0		
21/11/2023 21:10	1.3	119	23	2.7	0.0		
21/11/2023 21:20	1.4	122	12	2.1	0.0		
21/11/2023 21:30	1.5	120	17	2.3	0.0		
21/11/2023 21:40	1.0	151	35	1.7	0.0		
21/11/2023 21:50	1.6	267	19	2.9	0.0		
21/11/2023 22:00	2.8	272	6	3.3	0.0		
21/11/2023 22:10	3.0	276	7	3.5	0.0		
21/11/2023 22:20	4.0	287	6	5.1	0.0		
21/11/2023 22:30	4.4	279	6	5.7	0.0		
21/11/2023 22:40	4.8	277	5	6.5	0.0		
21/11/2023 22:50	4.5	277	5	5.9	0.0		
21/11/2023 23:00	3.7	285	7	4.8	0.0		
21/11/2023 23:10	3.9	286	8	5.4	0.0		
21/11/2023 23:20	4.3	279	9	6.6	0.0		
21/11/2023 23:30	4.8	275	7	6.3	0.0		
21/11/2023 23:40	4.6	272	7	6.2	0.0		
21/11/2023 23:50	5.0	271	7	7.0	0.0		
22/11/2023 00:00	5.7	270	7	7.3	0.0		
22/11/2023 00:10	6.1	269	6	7.9	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/11/2023 00:20	5.5	267	7	6.9	0.0		
22/11/2023 00:30	5.0	267	5	6.1	0.0		
22/11/2023 00:40	4.3	265	6	5.3	0.0		
22/11/2023 00:50	4.0	273	5	4.9	0.0		
22/11/2023 01:00	3.7	273	5	4.7	0.0		
22/11/2023 01:10	4.4	274	4	5.5	0.0		
22/11/2023 01:20	4.9	276	4	6.0	0.0		
22/11/2023 01:30	4.5	271	5	5.4	0.0		
22/11/2023 01:40	4.5	270	5	5.5	0.0		
22/11/2023 01:50	4.7	269	5	6.2	0.0		
22/11/2023 02:00	5.0	271	5	6.4	0.0		
22/11/2023 02:10	5.6	261	6	7.6	0.0		
22/11/2023 02:20	5.6	263	5	7.7	0.0		
22/11/2023 02:30	6.2	261	6	8.1	0.0		
22/11/2023 02:40	6.3	261	5	8.8	0.0		
22/11/2023 02:50	6.2	256	5	7.7	0.0		
22/11/2023 03:00	5.8	260	5	7.3	0.0		
22/11/2023 03:10	5.6	262	5	7.0	0.0		
22/11/2023 03:20	5.6	269	6	7.2	0.0		
22/11/2023 03:30	5.6	268	6	7.2	0.0		
22/11/2023 03:40	5.3	267	5	6.6	0.0		
22/11/2023 03:50	4.6	267	7	5.9	0.0		
22/11/2023 04:00	4.4	265	7	5.6	0.0		
22/11/2023 04:10	4.8	260	6	5.8	0.0		
22/11/2023 04:20	4.7	270	6	6.3	0.0		
22/11/2023 04:30	4.4	272	7	5.4	0.0		
22/11/2023 04:40	4.2	270	6	5.3	0.0		
22/11/2023 04:50	4.7	270	6	5.9	0.0		
22/11/2023 05:00	4.7	262	7	6.0	0.0		
22/11/2023 05:10	4.2	261	7	5.6	0.0		
22/11/2023 05:20	4.4	264	6	5.3	0.0		
22/11/2023 05:30	4.0	271	7	5.2	0.0		
22/11/2023 05:40	3.9	268	9	5.9	0.0		
22/11/2023 05:50	3.4	271	8	4.6	0.0		
22/11/2023 06:00	3.1	277	6	4.1	0.0		
22/11/2023 06:10	2.6	268	11	3.5	0.0		
22/11/2023 06:20	3.4	270	9	4.4	0.0		
22/11/2023 06:30	3.4	261	11	4.3	0.0		
22/11/2023 06:40	2.4	258	12	3.6	0.0		
22/11/2023 06:50	1.7	240	24	3.0	0.0		
22/11/2023 07:00	2.4	232	17	3.4	0.0		
22/11/2023 07:10	2.2	239	16	3.9	0.0		
22/11/2023 07:20	2.2	216	19	3.8	0.0		
22/11/2023 07:30	2.7	213	10	4.2	0.0		
22/11/2023 07:40	2.1	220	19	3.3	0.0		
22/11/2023 07:50	3.2	203	10	4.6	0.0		
22/11/2023 08:00	2.5	195	12	4.0	0.0		
22/11/2023 08:10	2.7	200	11	3.8	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/11/2023 08:20	3.5	184	11	5.1	0.0		
22/11/2023 08:30	3.8	195	11	5.4	0.0		
22/11/2023 08:40	4.4	207	8	5.6	0.0		
22/11/2023 08:50	4.1	210	11	5.4	0.0		
22/11/2023 09:00	3.8	212	9	4.8	0.0		
22/11/2023 09:10	3.9	213	9	5.2	0.0		
22/11/2023 09:20	3.4	213	10	5.0	0.0		
22/11/2023 09:30	3.0	178	21	4.3	0.0		
22/11/2023 09:40	2.9	175	12	4.3	0.0		
22/11/2023 09:50	3.0	175	15	5.0	0.0		
22/11/2023 10:00	2.8	127	21	5.2	0.0		
22/11/2023 10:10	2.6	108	18	3.9	0.0		
22/11/2023 10:20	2.9	96	16	4.2	0.0		
22/11/2023 10:30	3.4	95	18	4.9	0.0		
22/11/2023 10:40	3.4	91	18	5.5	0.0		
22/11/2023 10:50	3.8	74	16	5.7	0.0		
22/11/2023 11:00	4.5	58	11	6.0	0.0		
22/11/2023 11:10	5.4	65	9	7.1	0.0		
22/11/2023 11:20	6.6	64	8	8.6	0.0		
22/11/2023 11:30	5.2	55	10	7.2	0.0		
22/11/2023 11:40	4.7	52	9	7.0	0.0		
22/11/2023 11:50	4.8	52	12	7.6	0.0		
22/11/2023 12:00	5.0	58	15	6.6	0.0		
22/11/2023 12:10	5.4	50	11	7.9	0.0		
22/11/2023 12:20	6.0	57	10	8.8	0.0		
22/11/2023 12:30	6.3	60	11	8.3	0.0		
22/11/2023 12:40	6.2	58	10	8.3	0.0		
22/11/2023 12:50	6.6	53	9	9.7	0.0		
22/11/2023 13:00	6.8	58	10	9.6	0.0		
22/11/2023 13:10	7.5	62	9	10.2	0.0		
22/11/2023 13:20	7.1	61	12	9.5	0.0		
22/11/2023 13:30	7.6	66	7	11.5	0.0		
22/11/2023 13:40	7.7	63	9	11.1	0.0		
22/11/2023 13:50	8.1	65	9	11.7	0.0		
22/11/2023 14:00	8.2	66	8	11.3	0.0		
22/11/2023 14:10	7.6	59	10	10.5	0.0		
22/11/2023 14:20	7.9	61	10	10.9	0.0		
22/11/2023 14:30	7.0	61	11	9.3	0.0		
22/11/2023 14:40	6.6	45	13	9.5	0.0		
22/11/2023 14:50	5.6	16	11	7.7	0.0		
22/11/2023 15:00	5.3	15	10	7.3	0.0		
22/11/2023 15:10	5.9	8	11	7.7	0.0		
22/11/2023 15:20	5.8	11	10	7.5	0.0		
22/11/2023 15:30	5.6	13	7	7.5	0.0		
22/11/2023 15:40	5.6	10	11	7.3	0.0		
22/11/2023 15:50	4.9	7	13	7.3	0.0		
22/11/2023 16:00	5.0	2	9	6.7	0.0		
22/11/2023 16:10	4.6	1	12	6.4	0.0		



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
22/11/2023 16:20	5.3	175	10	7.0	0.0		
22/11/2023 16:30	5.5	329	10	6.9	0.0		
22/11/2023 16:40	5.8	327	8	7.8	0.0		
22/11/2023 16:50	5.2	340	10	7.1	0.0		
22/11/2023 17:00	4.8	331	14	7.9	0.0		
22/11/2023 17:10	4.5	316	8	6.6	0.0		
22/11/2023 17:20	4.3	304	12	6.1	0.0		
22/11/2023 17:30	4.7	300	11	6.7	0.0		
22/11/2023 17:40	5.1	295	9	7.6	0.0		
22/11/2023 17:50	5.5	289	8	7.5	0.0		
22/11/2023 18:00	5.6	279	6	7.0	0.0		
22/11/2023 18:10	4.9	266	8	6.6	0.0		
22/11/2023 18:20	4.9	269	7	6.4	0.0		
22/11/2023 18:30	5.2	271	7	6.6	0.0		
22/11/2023 18:40	5.4	272	6	6.8	0.0		
22/11/2023 18:50	5.2	276	6	6.6	0.0		
22/11/2023 19:00	5.5	274	6	6.9	0.0		
22/11/2023 19:10	5.2	275	5	6.5	0.0		
22/11/2023 19:20	5.0	271	5	6.4	0.0		
22/11/2023 19:30	5.6	270	5	7.0	0.0		
22/11/2023 19:40	5.4	272	5	6.5	0.0		
22/11/2023 19:50	5.8	272	4	7.0	0.0		
22/11/2023 20:00	6.0	270	5	7.3	0.0		
22/11/2023 20:10	5.8	271	5	7.0	0.0		
22/11/2023 20:20	5.3	272	5	6.6	0.0		
22/11/2023 20:30	6.0	270	5	7.6	0.0		
22/11/2023 20:40	6.6	270	5	8.1	0.0		
22/11/2023 20:50	6.5	268	6	8.2	0.0		
22/11/2023 21:00	5.7	270	5	7.3	0.0		
22/11/2023 21:10	6.2	270	4	7.9	0.0		
22/11/2023 21:20	6.6	270	6	8.7	0.0		
22/11/2023 21:30	5.8	270	5	8.1	0.0		
22/11/2023 21:40	5.8	270	6	7.4	0.0		
22/11/2023 21:50	5.8	270	4	7.1	0.0		
22/11/2023 22:00	5.6	268	5	7.2	0.0		
22/11/2023 22:10	5.4	267	5	6.8	0.0		
22/11/2023 22:20	5.1	270	5	5.9	0.0		
22/11/2023 22:30	5.2	271	5	6.5	0.0		
22/11/2023 22:40	5.0	270	4	6.5	0.0		
22/11/2023 22:50	5.3	264	5	6.5	0.0		
22/11/2023 23:00	4.9	263	5	6.1	0.0		
22/11/2023 23:10	5.2	266	6	6.8	0.0		
22/11/2023 23:20	5.3	269	5	6.3	0.0		
22/11/2023 23:30	5.1	272	5	6.3	0.0		
22/11/2023 23:40	5.2	277	3	5.9	0.0		
22/11/2023 23:50	4.8	274	5	5.8	0.0		
23/11/2023 00:00	4.7	270	5	5.9	0.0		
23/11/2023 00:10	5.0	267	5	6.4	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/11/2023 00:20	4.9	276	5	5.9	0.0		
23/11/2023 00:30	4.8	266	6	6.4	0.0		
23/11/2023 00:40	4.6	272	6	6.1	0.0		
23/11/2023 00:50	4.8	271	5	5.9	0.0		
23/11/2023 01:00	4.5	271	5	6.0	0.0		
23/11/2023 01:10	3.2	266	5	4.2	0.0		
23/11/2023 01:20	4.0	265	4	4.7	0.0		
23/11/2023 01:30	4.3	270	5	5.3	0.0		
23/11/2023 01:40	4.8	265	6	6.2	0.0		
23/11/2023 01:50	4.5	264	5	5.7	0.0		
23/11/2023 02:00	5.4	263	6	7.1	0.0		
23/11/2023 02:10	5.3	271	6	6.7	0.0		
23/11/2023 02:20	5.0	265	6	6.4	0.0		
23/11/2023 02:30	4.5	261	7	5.8	0.0		
23/11/2023 02:40	4.7	263	8	6.2	0.0		
23/11/2023 02:50	4.6	269	6	6.1	0.0		
23/11/2023 03:00	4.8	266	7	6.3	0.0		
23/11/2023 03:10	4.5	272	7	5.9	0.0		
23/11/2023 03:20	4.2	267	5	5.1	0.0		
23/11/2023 03:30	4.9	260	5	6.0	0.0		
23/11/2023 03:40	4.5	263	6	5.4	0.0		
23/11/2023 03:50	4.2	270	5	5.1	0.0		
23/11/2023 04:00	4.5	277	6	5.5	0.0		
23/11/2023 04:10	3.9	273	6	5.1	0.0		
23/11/2023 04:20	3.6	270	8	4.8	0.0		
23/11/2023 04:30	3.8	265	5	5.0	0.0		
23/11/2023 04:40	3.8	266	5	4.9	0.0		
23/11/2023 04:50	3.4	264	8	4.3	0.0		
23/11/2023 05:00	3.3	282	7	4.3	0.0		
23/11/2023 05:10	3.6	287	7	4.8	0.0		
23/11/2023 05:20	3.5	288	8	4.8	0.0		
23/11/2023 05:30	3.5	293	7	4.9	0.0		
23/11/2023 05:40	3.9	288	6	5.0	0.0		
23/11/2023 05:50	3.1	292	8	4.3	0.0		
23/11/2023 06:00	2.9	282	10	3.7	0.0		
23/11/2023 06:10	2.9	267	7	3.7	0.0		
23/11/2023 06:20	3.1	275	8	4.1	0.0		
23/11/2023 06:30	3.2	285	8	4.1	0.0		
23/11/2023 06:40	3.4	288	9	4.8	0.0		
23/11/2023 06:50	2.8	270	11	4.3	0.0		
23/11/2023 07:00	3.2	262	8	4.2	0.0		
23/11/2023 07:10	3.1	263	8	4.3	0.0		
23/11/2023 07:20	3.5	262	9	4.3	0.0		
23/11/2023 07:30	3.2	251	14	4.5	0.0		
23/11/2023 07:40	2.5	237	16	3.6	0.0		
23/11/2023 07:50	2.4	198	19	3.7	0.0		
23/11/2023 08:00	2.9	197	21	4.5	0.0		
23/11/2023 08:10	2.4	176	23	4.4	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/11/2023 08:20	3.1	150	21	5.2	0.0		
23/11/2023 08:30	3.2	131	19	5.4	0.0		
23/11/2023 08:40	3.6	130	16	5.8	0.0		
23/11/2023 08:50	3.5	120	15	5.6	0.0		
23/11/2023 09:00	3.2	115	14	5.2	0.0		
23/11/2023 09:10	3.8	109	13	5.4	0.0		
23/11/2023 09:20	4.7	93	13	6.6	0.0		
23/11/2023 09:30	5.8	90	10	8.7	0.0		
23/11/2023 09:40	6.8	92	8	9.7	0.0		
23/11/2023 09:50	6.4	88	7	9.3	0.0		
23/11/2023 10:00	6.4	89	10	9.6	0.0		
23/11/2023 10:10	6.6	86	9	9.2	0.0		
23/11/2023 10:20	6.8	85	9	9.8	0.0		
23/11/2023 10:30	7.6	77	8	10.5	0.0		
23/11/2023 10:40	7.2	79	8	10.2	0.0		
23/11/2023 10:50	6.7	77	8	9.6	0.0		
23/11/2023 11:00	6.1	72	11	8.1	0.0		
23/11/2023 11:10	5.6	69	12	8.3	0.0		
23/11/2023 11:20	5.9	58	10	8.3	0.0		
23/11/2023 11:30	5.6	61	13	7.9	0.0		
23/11/2023 11:40	5.6	56	9	8.0	0.0		
23/11/2023 11:50	6.4	67	8	9.0	0.0		
23/11/2023 12:00	6.1	67	11	8.1	0.0		
23/11/2023 12:10	5.5	60	11	7.9	0.0		
23/11/2023 12:20	6.7	56	10	9.0	0.0		
23/11/2023 12:30	6.8	52	7	9.1	0.0		
23/11/2023 12:40	6.5	56	8	8.8	0.0		
23/11/2023 12:50	7.3	56	10	9.9	0.0		
23/11/2023 13:00	7.3	60	8	9.8	0.0		
23/11/2023 13:10	7.5	59	10	10.5	0.0		
23/11/2023 13:20	8.7	64	8	11.2	0.0		
23/11/2023 13:30	8.2	62	7	10.7	0.0		
23/11/2023 13:40	6.9	64	9	9.3	0.0		
23/11/2023 13:50	6.7	65	9	9.6	0.0		
23/11/2023 14:00	5.7	45	19	8.0	0.0		
23/11/2023 14:10	6.5	11	10	8.4	0.0		
23/11/2023 14:20	6.1	18	12	8.2	0.0		
23/11/2023 14:30	6.3	10	7	7.9	0.0		
23/11/2023 14:40	6.3	7	9	7.9	0.0		
23/11/2023 14:50	6.9	12	9	9.0	0.0		
23/11/2023 15:00	6.7	13	8	8.8	0.0		
23/11/2023 15:10	6.1	11	11	8.4	0.0		
23/11/2023 15:20	7.0	12	8	8.7	0.0		
23/11/2023 15:30	6.7	8	10	8.9	0.0		
23/11/2023 15:40	6.2	179	12	8.3	0.0		
23/11/2023 15:50	6.8	2	7	8.9	0.0		
23/11/2023 16:00	6.9	177	11	9.2	0.0		
23/11/2023 16:10	6.2	343	11	8.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
23/11/2023 16:20	7.0	357	7	9.3	0.0		
23/11/2023 16:30	6.4	334	10	8.4	0.0		
23/11/2023 16:40	7.1	337	7	8.9	0.0		
23/11/2023 16:50	7.6	341	6	9.2	0.0		
23/11/2023 17:00	7.3	342	5	8.9	0.0		
23/11/2023 17:10	6.7	347	8	8.9	0.0		
23/11/2023 17:20	6.8	349	7	8.5	0.0		
23/11/2023 17:30	6.0	346	7	7.6	0.0		
23/11/2023 17:40	6.0	337	7	7.8	0.0		
23/11/2023 17:50	6.1	336	8	8.1	0.0		
23/11/2023 18:00	6.2	333	7	7.9	0.0		
23/11/2023 18:10	7.1	329	5	8.7	0.0		
23/11/2023 18:20	5.9	340	8	7.5	0.0		
23/11/2023 18:30	5.6	321	9	7.9	0.0		
23/11/2023 18:40	5.8	297	8	8.7	0.0		
23/11/2023 18:50	6.1	284	8	7.8	0.0		
23/11/2023 19:00	7.2	270	6	9.3	0.0		
23/11/2023 19:10	6.6	272	6	8.6	0.0		
23/11/2023 19:20	6.5	269	7	8.9	0.0		
23/11/2023 19:30	5.7	266	6	8.0	0.0		
23/11/2023 19:40	5.6	264	6	7.7	0.0		
23/11/2023 19:50	6.1	263	7	8.2	0.0		
23/11/2023 20:00	5.9	267	6	7.7	0.0		
23/11/2023 20:10	6.1	262	6	7.8	0.0		
23/11/2023 20:20	5.8	263	6	7.7	0.0		
23/11/2023 20:30	5.7	266	5	7.5	0.0		
23/11/2023 20:40	5.8	258	6	7.4	0.0		
23/11/2023 20:50	5.4	262	5	6.8	0.0		
23/11/2023 21:00	5.4	263	5	7.1	0.0		
23/11/2023 21:10	5.8	260	5	6.9	0.0		
23/11/2023 21:20	4.9	259	6	6.5	0.0		
23/11/2023 21:30	4.5	269	5	5.8	0.0		
23/11/2023 21:40	4.8	261	5	6.5	0.0		
23/11/2023 21:50	5.1	255	5	6.3	0.0		
23/11/2023 22:00	4.7	266	5	6.1	0.0		
23/11/2023 22:10	4.7	262	5	6.1	0.0		
23/11/2023 22:20	5.0	265	6	6.3	0.0		
23/11/2023 22:30	5.1	269	5	6.6	0.0		
23/11/2023 22:40	4.4	266	6	5.7	0.0		
23/11/2023 22:50	4.7	267	5	5.9	0.0		
23/11/2023 23:00	4.3	268	4	5.4	0.0		
23/11/2023 23:10	5.0	270	6	6.6	0.0		
23/11/2023 23:20	5.1	271	5	6.3	0.0		
23/11/2023 23:30	4.8	272	5	6.1	0.0		
23/11/2023 23:40	4.5	270	5	5.9	0.0		
23/11/2023 23:50	4.6	270	5	5.9	0.0		
24/11/2023 00:00	4.7	269	5	5.8	0.0		
24/11/2023 00:10	4.4	265	6	5.5	0.0		



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/11/2023 00:20	4.0	269	6	5.3	0.0		
24/11/2023 00:30	4.3	277	5	5.5	0.0		
24/11/2023 00:40	4.7	274	4	5.7	0.0		
24/11/2023 00:50	4.5	274	4	5.6	0.0		
24/11/2023 01:00	4.5	277	5	5.6	0.0		
24/11/2023 01:10	4.5	273	4	5.5	0.0		
24/11/2023 01:20	3.8	273	6	4.8	0.0		
24/11/2023 01:30	4.0	275	5	5.1	0.0		
24/11/2023 01:40	4.3	272	4	5.3	0.0		
24/11/2023 01:50	4.5	275	4	5.4	0.0		
24/11/2023 02:00	4.8	270	6	6.0	0.0		
24/11/2023 02:10	4.9	266	5	5.9	0.0		
24/11/2023 02:20	5.1	263	6	6.4	0.0		
24/11/2023 02:30	5.2	269	6	6.9	0.0		
24/11/2023 02:40	5.1	273	7	6.4	0.0		
24/11/2023 02:50	4.8	274	6	5.9	0.0		
24/11/2023 03:00	4.9	273	5	6.1	0.0		
24/11/2023 03:10	5.2	273	5	6.5	0.0		
24/11/2023 03:20	4.9	271	5	6.2	0.0		
24/11/2023 03:30	4.1	270	6	5.5	0.0		
24/11/2023 03:40	4.2	272	5	5.3	0.0		
24/11/2023 03:50	4.8	273	5	6.0	0.0		
24/11/2023 04:00	4.6	270	6	6.1	0.0		
24/11/2023 04:10	4.1	273	5	4.8	0.0		
24/11/2023 04:20	3.5	278	6	4.7	0.0		
24/11/2023 04:30	3.7	281	6	4.7	0.0		
24/11/2023 04:40	3.0	281	6	4.0	0.0		
24/11/2023 04:50	3.0	284	7	3.9	0.0		
24/11/2023 05:00	2.4	280	10	3.5	0.0		
24/11/2023 05:10	2.3	290	7	3.2	0.0		
24/11/2023 05:20	2.9	289	7	4.0	0.0		
24/11/2023 05:30	3.1	282	6	4.0	0.0		
24/11/2023 05:40	3.0	279	9	4.1	0.0		
24/11/2023 05:50	2.3	270	10	3.3	0.0		
24/11/2023 06:00	2.2	275	11	3.1	0.0		
24/11/2023 06:10	2.8	281	7	3.6	0.0		
24/11/2023 06:20	3.1	273	7	4.0	0.0		
24/11/2023 06:30	3.5	272	6	4.5	0.0		
24/11/2023 06:40	2.9	267	7	3.8	0.0		
24/11/2023 06:50	2.8	262	8	3.7	0.0		
24/11/2023 07:00	2.8	258	8	3.8	0.0		
24/11/2023 07:10	2.8	259	9	3.6	0.0		
24/11/2023 07:20	2.4	250	17	3.6	0.0		
24/11/2023 07:30	2.5	234	19	3.8	0.0		
24/11/2023 07:40	3.1	207	10	4.6	0.0		
24/11/2023 07:50	3.3	245	20	4.7	0.0		
24/11/2023 08:00	2.9	272	19	4.3	0.0		
24/11/2023 08:10	2.1	231	30	3.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/11/2023 08:20	2.3	206	26	3.5	0.0		
24/11/2023 08:30	3.0	206	13	4.5	0.0		
24/11/2023 08:40	2.9	222	19	4.8	0.0		
24/11/2023 08:50	3.1	271	13	4.7	0.0		
24/11/2023 09:00	3.6	287	10	5.0	0.0		
24/11/2023 09:10	3.5	289	9	4.4	0.0		
24/11/2023 09:20	2.6	273	14	4.2	0.0		
24/11/2023 09:30	1.8	155	52	4.4	0.0		
24/11/2023 09:40	2.9	133	18	4.5	0.0		
24/11/2023 09:50	3.6	95	23	5.5	0.0		
24/11/2023 10:00	4.6	85	13	7.4	0.0		
24/11/2023 10:10	5.8	79	10	8.7	0.0		
24/11/2023 10:20	5.8	69	11	8.6	0.0		
24/11/2023 10:30	6.4	62	9	9.5	0.0		
24/11/2023 10:40	6.5	65	11	8.8	0.0		
24/11/2023 10:50	7.1	58	9	9.8	0.0		
24/11/2023 11:00	6.8	61	10	9.7	0.0		
24/11/2023 11:10	6.8	62	10	9.1	0.0		
24/11/2023 11:20	6.7	57	9	9.2	0.0		
24/11/2023 11:30	6.7	58	10	9.4	0.0		
24/11/2023 11:40	7.3	55	7	9.6	0.0		
24/11/2023 11:50	7.4	55	7	9.4	0.0		
24/11/2023 12:00	7.6	55	5	9.6	0.0		
24/11/2023 12:10	7.2	56	8	9.0	0.0		
24/11/2023 12:20	7.0	59	9	8.9	0.0		
24/11/2023 12:30	7.5	59	7	9.3	0.0		
24/11/2023 12:40	7.4	60	8	10.0	0.0		
24/11/2023 12:50	7.2	61	8	9.5	0.0		
24/11/2023 13:00	7.9	62	7	10.2	0.0		
24/11/2023 13:10	8.1	61	8	10.5	0.0		
24/11/2023 13:20	8.4	57	9	11.0	0.0		
24/11/2023 13:30	8.3	54	8	10.4	0.0		
24/11/2023 13:40	8.1	57	8	10.6	0.0		
24/11/2023 13:50	9.1	60	8	12.0	0.0		
24/11/2023 14:00	8.3	46	11	11.4	0.0		
24/11/2023 14:10	6.1	187	17	8.8	0.0		
24/11/2023 14:20	5.9	330	13	8.2	0.0		
24/11/2023 14:30	6.1	349	11	8.8	0.0		
24/11/2023 14:40	5.5	338	12	7.6	0.0		
24/11/2023 14:50	4.3	330	15	7.3	0.0		
24/11/2023 15:00	4.3	318	15	6.8	0.0		
24/11/2023 15:10	4.8	341	23	8.2	0.0		
24/11/2023 15:20	5.1	174	18	7.8	0.0		
24/11/2023 15:30	3.2	331	24	6.3	0.0		
24/11/2023 15:40	3.0	333	17	5.5	0.0		
24/11/2023 15:50	4.4	292	16	6.8	0.0		
24/11/2023 16:00	3.9	308	20	6.4	0.0		
24/11/2023 16:10	3.5	293	19	6.5	0.0		



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
24/11/2023 16:20	4.2	314	14	6.5	0.0		
24/11/2023 16:30	3.3	313	22	6.4	0.0		
24/11/2023 16:40	3.6	312	16	5.7	0.0		
24/11/2023 16:50	2.5	332	29	4.7	0.0		
24/11/2023 17:00	2.9	177	18	4.8	0.0		
24/11/2023 17:10	2.9	336	17	4.5	0.0		
24/11/2023 17:20	3.1	179	17	5.1	0.0		
24/11/2023 17:30	3.9	27	9	5.6	0.0		
24/11/2023 17:40	3.7	21	14	5.3	0.0		
24/11/2023 17:50	3.5	20	13	4.6	0.0		
24/11/2023 18:00	3.0	172	11	4.3	0.0		
24/11/2023 18:10	1.8	178	24	3.2	0.0		
24/11/2023 18:20	2.8	191	16	3.8	0.0		
24/11/2023 18:30	2.4	154	14	3.4	0.0		
24/11/2023 18:40	3.1	175	14	4.3	0.0		
24/11/2023 18:50	2.5	184	18	3.9	0.0		
24/11/2023 19:00	2.6	174	12	3.7	0.0		
24/11/2023 19:10	2.5	7	13	3.7	0.0		
24/11/2023 19:20	2.4	23	12	3.4	0.0		
24/11/2023 19:30	2.5	343	12	3.7	0.0		
24/11/2023 19:40	1.9	304	25	3.1	0.0		
24/11/2023 19:50	5.0	264	8	7.0	0.0		
24/11/2023 20:00	4.9	268	7	6.8	0.0		
24/11/2023 20:10	4.1	267	7	5.5	0.0		
24/11/2023 20:20	3.6	282	7	5.3	0.0		
24/11/2023 20:30	3.5	291	7	4.3	0.0		
24/11/2023 20:40	3.1	289	9	4.2	0.0		
24/11/2023 20:50	2.4	283	8	3.4	0.0		
24/11/2023 21:00	2.4	278	8	3.0	0.0		
24/11/2023 21:10	2.6	263	5	3.1	0.0		
24/11/2023 21:20	2.0	285	11	3.0	0.0		
24/11/2023 21:30	3.8	279	7	5.1	0.0		
24/11/2023 21:40	4.5	283	8	5.9	0.0		
24/11/2023 21:50	4.9	276	6	6.2	0.0		
24/11/2023 22:00	4.4	272	5	6.0	0.0		
24/11/2023 22:10	4.3	274	4	5.4	0.0		
24/11/2023 22:20	5.1	276	4	6.3	0.0		
24/11/2023 22:30	4.8	277	4	5.7	0.0		
24/11/2023 22:40	4.1	272	5	5.1	0.0		
24/11/2023 22:50	4.8	264	6	5.7	0.0		
24/11/2023 23:00	4.6	270	5	5.6	0.0		
24/11/2023 23:10	4.0	280	6	5.1	0.0		
24/11/2023 23:20	4.0	281	5	4.9	0.0		
24/11/2023 23:30	3.6	278	6	4.5	0.0		
24/11/2023 23:40	2.1	199	21	4.2	0.0		
24/11/2023 23:50	2.6	101	15	3.9	0.0		
25/11/2023 00:00	4.9	88	12	7.6	0.0		
25/11/2023 00:10	4.6	70	8	6.9	0.0		



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/11/2023 00:20	5.5	71	9	8.3	0.0		
25/11/2023 00:30	5.4	68	9	7.1	0.0		
25/11/2023 00:40	4.9	64	8	6.9	0.0		
25/11/2023 00:50	4.9	62	10	7.3	0.0		
25/11/2023 01:00	5.1	62	8	7.0	0.0		
25/11/2023 01:10	5.4	63	8	7.3	0.0		
25/11/2023 01:20	6.3	65	8	8.3	0.0		
25/11/2023 01:30	6.5	57	7	9.1	0.0		
25/11/2023 01:40	5.8	59	9	8.4	0.0		
25/11/2023 01:50	6.0	64	7	8.4	0.0		
25/11/2023 02:00	5.5	52	8	7.3	0.0		
25/11/2023 02:10	5.4	50	11	7.9	0.0		
25/11/2023 02:20	5.3	49	8	7.5	0.0		
25/11/2023 02:30	5.6	39	11	8.0	0.0		
25/11/2023 02:40	6.0	42	9	8.4	0.0		
25/11/2023 02:50	6.0	47	9	8.4	0.0		
25/11/2023 03:00	5.8	44	10	8.0	0.0		
25/11/2023 03:10	5.4	11	11	7.6	0.0		
25/11/2023 03:20	6.3	359	8	8.4	0.0		
25/11/2023 03:30	5.9	179	8	7.8	0.0		
25/11/2023 03:40	5.9	184	6	7.8	0.0		
25/11/2023 03:50	5.0	354	8	6.7	0.0		
25/11/2023 04:00	5.7	354	7	7.8	0.0		
25/11/2023 04:10	5.4	181	9	7.4	0.0		
25/11/2023 04:20	4.8	357	11	7.2	0.0		
25/11/2023 04:30	4.6	4	8	6.4	0.0		
25/11/2023 04:40	4.9	22	8	6.3	0.0		
25/11/2023 04:50	4.0	16	11	5.8	0.0		
25/11/2023 05:00	4.2	22	9	5.8	0.0		
25/11/2023 05:10	4.0	19	9	5.4	0.0		
25/11/2023 05:20	3.8	4	11	5.1	0.0		
25/11/2023 05:30	3.0	6	13	4.9	0.0		
25/11/2023 05:40	4.1	16	9	5.4	0.0		
25/11/2023 05:50	3.7	23	10	5.5	0.0		
25/11/2023 06:00	3.3	32	11	4.7	0.0		
25/11/2023 06:10	2.8	34	13	4.4	0.0		
25/11/2023 06:20	2.9	26	13	4.1	0.0		
25/11/2023 06:30	2.2	27	13	3.1	0.0		
25/11/2023 06:40	3.2	12	9	5.0	0.0		
25/11/2023 06:50	3.1	33	12	4.7	0.0		
25/11/2023 07:00	3.3	30	11	4.5	0.0		
25/11/2023 07:10	2.9	24	17	4.4	0.0		
25/11/2023 07:20	3.3	26	14	4.9	0.0		
25/11/2023 07:30	3.7	21	11	4.7	0.0		
25/11/2023 07:40	3.8	24	10	5.7	0.0		
25/11/2023 07:50	4.3	22	11	6.0	0.0		
25/11/2023 08:00	3.5	172	14	5.1	0.0		
25/11/2023 08:10	3.4	331	14	5.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/11/2023 08:20	3.8	321	11	5.3	0.0		
25/11/2023 08:30	3.9	314	11	5.6	0.0		
25/11/2023 08:40	4.2	327	12	6.2	0.0		
25/11/2023 08:50	4.3	336	15	6.4	0.0		
25/11/2023 09:00	4.4	330	13	6.2	0.0		
25/11/2023 09:10	4.4	328	16	6.8	0.0		
25/11/2023 09:20	4.1	330	15	6.2	0.0		
25/11/2023 09:30	4.2	321	14	5.9	0.0		
25/11/2023 09:40	3.9	317	15	6.3	0.0		
25/11/2023 09:50	3.7	314	20	6.3	0.0		
25/11/2023 10:00	2.9	313	25	4.6	0.0		
25/11/2023 10:10	2.8	325	20	4.4	0.0		
25/11/2023 10:20	2.8	302	24	5.2	0.0		
25/11/2023 10:30	3.0	315	17	5.7	0.0		
25/11/2023 10:40	3.0	304	28	4.8	0.0		
25/11/2023 10:50	3.2	305	25	4.8	0.0		
25/11/2023 11:00	2.5	290	35	4.5	0.0		
25/11/2023 11:10	2.2	339	34	3.7	0.0		
25/11/2023 11:20	1.7	184	57	3.4	0.0		
25/11/2023 11:30	3.4	19	21	5.7	0.0		
25/11/2023 11:40	2.7	176	20	4.3	0.0		
25/11/2023 11:50	2.7	178	25	4.5	0.0		
25/11/2023 12:00	2.9	31	27	4.2	0.0		
25/11/2023 12:10	3.2	327	20	4.7	0.0		
25/11/2023 12:20	2.3	343	28	4.0	0.0		
25/11/2023 12:30	2.6	352	20	4.5	0.0		
25/11/2023 12:40	2.6	24	33	3.8	0.0		
25/11/2023 12:50	1.8	187	42	4.3	0.0		
25/11/2023 13:00	2.5	178	44	4.6	0.0		
25/11/2023 13:10	2.7	53	26	5.4	0.0		
25/11/2023 13:20	4.2	71	16	6.4	0.0		
25/11/2023 13:30	4.1	53	25	6.2	0.0		
25/11/2023 13:40	4.3	64	11	6.0	0.0		
25/11/2023 13:50	4.2	70	11	5.7	0.0		
25/11/2023 14:00	4.0	25	22	5.5	0.0		
25/11/2023 14:10	3.9	180	20	5.6	0.0		
25/11/2023 14:20	4.1	344	13	6.1	0.0		
25/11/2023 14:30	4.6	331	11	6.2	0.0		
25/11/2023 14:40	4.9	342	14	6.8	0.0		
25/11/2023 14:50	5.3	346	13	6.9	0.0		
25/11/2023 15:00	5.2	342	13	6.7	0.0		
25/11/2023 15:10	5.8	332	11	7.6	0.0		
25/11/2023 15:20	6.0	322	8	7.9	0.0		
25/11/2023 15:30	5.7	328	9	7.5	0.0		
25/11/2023 15:40	5.6	330	9	7.1	0.0		
25/11/2023 15:50	5.3	324	10	7.0	0.0		
25/11/2023 16:00	4.6	325	14	7.1	0.0		
25/11/2023 16:10	5.1	313	11	7.0	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
25/11/2023 16:20	4.9	311	9	7.1	0.0		
25/11/2023 16:30	5.2	291	11	7.0	0.0		
25/11/2023 16:40	6.4	280	7	8.4	0.0		
25/11/2023 16:50	6.0	288	8	8.1	0.0		
25/11/2023 17:00	5.5	285	8	7.0	0.0		
25/11/2023 17:10	5.4	281	9	6.8	0.0		
25/11/2023 17:20	5.3	281	8	7.0	0.0		
25/11/2023 17:30	5.9	258	9	7.2	0.0		
25/11/2023 17:40	5.4	268	8	6.8	0.0		
25/11/2023 17:50	5.5	262	7	7.2	0.0		
25/11/2023 18:00	5.5	255	6	7.0	0.0		
25/11/2023 18:10	5.7	244	7	7.1	0.0		
25/11/2023 18:20	5.3	234	11	7.3	0.0		
25/11/2023 18:30	5.2	236	11	7.2	0.0		
25/11/2023 18:40	4.7	245	12	7.0	0.0		
25/11/2023 18:50	3.7	243	13	5.6	0.0		
25/11/2023 19:00	3.0	264	12	4.1	0.0		
25/11/2023 19:10	3.1	278	6	4.0	0.0		
25/11/2023 19:20	2.4	280	9	3.4	0.0		
25/11/2023 19:30	1.6	282	10	2.5	0.0		
25/11/2023 19:40	1.1	288	12	1.5	0.0		
25/11/2023 19:50	1.2	293	11	1.6	0.0		
25/11/2023 20:00	0.8	252	23	1.4	0.0		
25/11/2023 20:10	1.1	238	19	1.7	0.0		
25/11/2023 20:20	1.5	269	11	1.9	0.0		
25/11/2023 20:30	1.0	293	10	1.4	0.0		
25/11/2023 20:40	1.4	32	25	1.9	0.0		
25/11/2023 20:50	4.2	66	8	6.6	0.0		
25/11/2023 21:00	3.1	53	9	5.1	0.0		
25/11/2023 21:10	4.2	62	10	6.2	0.0		
25/11/2023 21:20	3.9	34	7	5.5	0.0		
25/11/2023 21:30	4.5	60	10	6.2	0.0		
25/11/2023 21:40	4.2	62	9	6.5	0.0		
25/11/2023 21:50	4.1	55	9	5.4	0.0		
25/11/2023 22:00	3.9	59	6	5.2	0.0		
25/11/2023 22:10	3.4	45	8	4.4	0.0		
25/11/2023 22:20	2.8	52	9	4.0	0.0		
25/11/2023 22:30	2.7	70	8	3.6	0.0		
25/11/2023 22:40	2.7	63	10	3.4	0.0		
25/11/2023 22:50	2.1	61	8	2.6	0.0		
25/11/2023 23:00	2.3	69	6	2.7	0.0		
25/11/2023 23:10	2.4	63	7	2.9	0.0		
25/11/2023 23:20	1.4	54	10	2.1	0.0		
25/11/2023 23:30	1.8	52	5	2.2	0.0		
25/11/2023 23:40	1.9	62	6	2.3	0.0		
25/11/2023 23:50	2.3	54	4	2.6	0.0		
26/11/2023 00:00	2.0	49	5	2.4	0.0		
26/11/2023 00:10	1.3	55	43	1.9	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/11/2023 00:20	0.9	254	27	1.5	0.0		
26/11/2023 00:30	1.9	277	5	2.3	0.0		
26/11/2023 00:40	2.5	281	4	2.9	0.0		
26/11/2023 00:50	2.9	284	5	3.5	0.0		
26/11/2023 01:00	3.4	276	5	4.3	0.0		
26/11/2023 01:10	4.0	279	6	5.1	0.0		
26/11/2023 01:20	4.1	279	6	5.1	0.0		
26/11/2023 01:30	4.3	279	6	5.0	0.0		
26/11/2023 01:40	4.5	277	6	5.4	0.0		
26/11/2023 01:50	4.3	276	5	5.4	0.0		
26/11/2023 02:00	4.3	278	6	5.4	0.0		
26/11/2023 02:10	3.7	276	7	4.7	0.0		
26/11/2023 02:20	3.6	278	6	4.6	0.0		
26/11/2023 02:30	3.3	280	7	4.6	0.0		
26/11/2023 02:40	3.8	276	7	4.7	0.0		
26/11/2023 02:50	4.3	275	5	5.3	0.0		
26/11/2023 03:00	4.2	277	7	5.4	0.0		
26/11/2023 03:10	5.0	282	5	6.4	0.0		
26/11/2023 03:20	4.9	282	6	6.3	0.0		
26/11/2023 03:30	4.1	284	8	5.9	0.0		
26/11/2023 03:40	4.3	288	6	6.4	0.0		
26/11/2023 03:50	5.2	290	5	6.5	0.0		
26/11/2023 04:00	3.7	281	8	4.9	0.0		
26/11/2023 04:10	4.5	274	5	5.7	0.0		
26/11/2023 04:20	6.0	282	5	7.8	0.0		
26/11/2023 04:30	5.2	285	7	6.9	0.0		
26/11/2023 04:40	4.4	277	8	5.8	0.0		
26/11/2023 04:50	4.1	278	7	5.4	0.0		
26/11/2023 05:00	3.6	274	10	5.1	0.0		
26/11/2023 05:10	4.1	260	7	5.5	0.0		
26/11/2023 05:20	5.2	267	5	6.5	0.0		
26/11/2023 05:30	4.7	265	7	6.2	0.0		
26/11/2023 05:40	4.8	264	6	6.2	0.0		
26/11/2023 05:50	4.5	263	7	5.5	0.0		
26/11/2023 06:00	5.2	258	6	6.8	0.0		
26/11/2023 06:10	5.0	257	5	6.0	0.0		
26/11/2023 06:20	5.6	261	5	7.0	0.0		
26/11/2023 06:30	5.2	263	7	6.3	0.0		
26/11/2023 06:40	5.6	263	7	7.1	0.0		
26/11/2023 06:50	6.2	270	7	7.8	0.0		
26/11/2023 07:00	6.0	265	6	7.6	0.0		
26/11/2023 07:10	5.2	269	8	6.9	0.0		
26/11/2023 07:20	5.3	254	7	6.9	0.0		
26/11/2023 07:30	4.3	260	7	5.4	0.0		
26/11/2023 07:40	4.8	262	7	6.1	0.0		
26/11/2023 07:50	4.7	263	9	5.9	0.0		
26/11/2023 08:00	5.4	268	7	6.7	0.0		
26/11/2023 08:10	5.4	269	7	6.5	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/11/2023 08:20	5.1	265	8	6.8	0.0		
26/11/2023 08:30	5.2	273	9	6.7	0.0		
26/11/2023 08:40	5.0	267	10	7.2	0.0		
26/11/2023 08:50	4.6	272	11	6.1	0.0		
26/11/2023 09:00	4.4	265	10	6.2	0.0		
26/11/2023 09:10	4.7	276	9	6.5	0.0		
26/11/2023 09:20	3.8	279	15	4.9	0.0		
26/11/2023 09:30	3.8	275	15	5.6	0.0		
26/11/2023 09:40	3.8	272	11	5.4	0.0		
26/11/2023 09:50	4.1	276	12	5.9	0.0		
26/11/2023 10:00	4.3	281	15	5.8	0.0		
26/11/2023 10:10	4.7	274	10	6.4	0.0		
26/11/2023 10:20	4.7	267	11	6.4	0.0		
26/11/2023 10:30	4.7	268	13	6.5	0.0		
26/11/2023 10:40	4.7	267	12	6.5	0.0		
26/11/2023 10:50	5.3	260	10	7.4	0.0		
26/11/2023 11:00	5.2	261	10	7.5	0.0		
26/11/2023 11:10	5.0	268	14	6.7	0.0		
26/11/2023 11:20	5.1	272	10	7.1	0.0		
26/11/2023 11:30	5.5	271	10	7.3	0.0		
26/11/2023 11:40	5.8	268	10	7.8	0.0		
26/11/2023 11:50	5.9	264	8	8.5	0.0		
26/11/2023 12:00	6.1	263	8	8.1	0.0		
26/11/2023 12:10	6.3	271	8	8.0	0.0		
26/11/2023 12:20	6.5	276	7	8.0	0.0		
26/11/2023 12:30	6.7	272	8	8.3	0.0		
26/11/2023 12:40	7.0	273	6	8.5	0.0		
26/11/2023 12:50	7.2	275	5	9.1	0.0		
26/11/2023 13:00	7.3	275	7	9.0	0.0		
26/11/2023 13:10	7.3	273	6	8.8	0.0		
26/11/2023 13:20	6.9	275	8	9.0	0.0		
26/11/2023 13:30	7.0	276	9	9.4	0.0		
26/11/2023 13:40	7.4	271	9	9.7	0.0		
26/11/2023 13:50	7.7	274	8	9.4	0.0		
26/11/2023 14:00	7.8	275	8	9.9	0.0		
26/11/2023 14:10	7.5	272	8	9.8	0.0		
26/11/2023 14:20	7.9	274	6	9.6	0.0		
26/11/2023 14:30	7.8	270	7	10.2	0.0		
26/11/2023 14:40	7.5	268	7	9.3	0.0		
26/11/2023 14:50	8.0	269	6	10.1	0.0		
26/11/2023 15:00	8.1	271	6	9.6	0.0		
26/11/2023 15:10	7.9	265	6	9.7	0.0		
26/11/2023 15:20	6.9	269	9	9.3	0.0		
26/11/2023 15:30	8.0	272	10	11.0	0.0		
26/11/2023 15:40	8.2	269	7	10.6	0.0		
26/11/2023 15:50	8.9	270	5	10.7	0.0		
26/11/2023 16:00	9.1	268	5	11.1	0.0		
26/11/2023 16:10	9.0	270	8	11.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
26/11/2023 16:20	9.3	268	7	12.1	0.0		
26/11/2023 16:30	9.0	274	6	11.7	0.0		
26/11/2023 16:40	8.7	275	7	10.8	0.0		
26/11/2023 16:50	8.4	275	8	10.8	0.0		
26/11/2023 17:00	8.4	272	8	10.5	0.0		
26/11/2023 17:10	8.1	271	8	11.2	0.0		
26/11/2023 17:20	9.4	272	7	11.9	0.0		
26/11/2023 17:30	9.1	274	6	11.1	0.0		
26/11/2023 17:40	8.4	273	7	10.3	0.0		
26/11/2023 17:50	7.8	272	7	9.6	0.0		
26/11/2023 18:00	7.7	271	7	9.7	0.0		
26/11/2023 18:10	7.9	273	7	9.9	0.0		
26/11/2023 18:20	7.7	275	6	9.5	0.0		
26/11/2023 18:30	7.0	275	5	8.8	0.0		
26/11/2023 18:40	7.7	280	4	9.3	0.0		
26/11/2023 18:50	7.5	275	6	9.1	0.0		
26/11/2023 19:00	7.8	278	6	9.6	0.0		
26/11/2023 19:10	7.8	274	5	9.9	0.0		
26/11/2023 19:20	7.4	275	5	9.2	0.0		
26/11/2023 19:30	7.3	274	6	9.6	0.0		
26/11/2023 19:40	6.5	272	6	8.6	0.0		
26/11/2023 19:50	6.8	272	6	9.3	0.0		
26/11/2023 20:00	7.3	267	7	9.4	0.0		
26/11/2023 20:10	7.5	268	6	9.4	0.0		
26/11/2023 20:20	7.0	269	6	8.6	0.0		
26/11/2023 20:30	7.2	265	5	8.7	0.0		
26/11/2023 20:40	7.2	265	6	9.1	0.0		
26/11/2023 20:50	6.8	267	7	9.1	0.0		
26/11/2023 21:00	6.3	271	7	8.4	0.0		
26/11/2023 21:10	6.9	267	5	8.7	0.0		
26/11/2023 21:20	6.4	266	7	8.4	0.0		
26/11/2023 21:30	6.7	266	7	8.5	0.0		
26/11/2023 21:40	6.9	270	6	9.3	0.0		
26/11/2023 21:50	7.0	267	7	9.1	0.0		
26/11/2023 22:00	7.1	275	6	9.2	0.0		
26/11/2023 22:10	7.4	272	7	10.3	0.0		
26/11/2023 22:20	8.1	265	7	10.5	0.0		
26/11/2023 22:30	7.8	266	7	9.9	0.0		
26/11/2023 22:40	8.1	266	6	10.4	0.0		
26/11/2023 22:50	7.6	270	7	10.1	0.0		
26/11/2023 23:00	7.7	271	6	10.5	0.0		
26/11/2023 23:10	7.3	272	7	9.9	0.0		
26/11/2023 23:20	6.9	270	7	9.4	0.0		
26/11/2023 23:30	7.3	270	7	9.9	0.0		
26/11/2023 23:40	7.7	271	6	9.9	0.0		
26/11/2023 23:50	6.8	269	8	8.8	0.0		
27/11/2023 00:00	6.7	267	7	9.5	0.0		
27/11/2023 00:10	6.8	271	7	8.9	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/11/2023 00:20	6.6	267	8	9.2	0.0		
27/11/2023 00:30	7.0	268	7	9.0	0.0		
27/11/2023 00:40	7.1	260	7	9.1	0.0		
27/11/2023 00:50	7.8	259	6	10.3	0.0		
27/11/2023 01:00	7.9	265	7	10.7	0.0		
27/11/2023 01:10	8.1	263	8	11.4	0.0		
27/11/2023 01:20	7.8	259	7	10.1	0.0		
27/11/2023 01:30	8.2	264	6	10.4	0.0		
27/11/2023 01:40	7.6	264	7	10.0	0.0		
27/11/2023 01:50	7.1	262	7	9.9	0.0		
27/11/2023 02:00	7.6	261	8	10.0	0.0		
27/11/2023 02:10	6.3	253	6	7.7	0.0		
27/11/2023 02:20	6.7	256	6	8.7	0.0		
27/11/2023 02:30	6.4	259	6	9.7	0.0		
27/11/2023 02:40	6.7	256	6	8.9	0.0		
27/11/2023 02:50	7.3	257	7	9.7	0.0		
27/11/2023 03:00	7.5	258	7	11.1	0.0		
27/11/2023 03:10	9.2	256	6	11.7	0.0		
27/11/2023 03:20	8.5	259	6	11.0	0.0		
27/11/2023 03:30	8.2	258	5	10.3	0.0		
27/11/2023 03:40	7.1	256	7	9.6	0.0		
27/11/2023 03:50	7.5	256	7	9.3	0.0		
27/11/2023 04:00	7.4	257	6	9.7	0.0		
27/11/2023 04:10	7.7	257	6	10.2	0.0		
27/11/2023 04:20	7.6	254	7	10.1	0.0		
27/11/2023 04:30	7.6	255	6	9.5	0.0		
27/11/2023 04:40	7.5	255	7	10.1	0.0		
27/11/2023 04:50	7.5	259	5	9.5	0.0		
27/11/2023 05:00	6.2	258	6	8.1	0.0		
27/11/2023 05:10	6.5	259	5	8.5	0.0		
27/11/2023 05:20	6.0	259	6	8.2	0.0		
27/11/2023 05:30	5.4	257	7	7.4	0.0		
27/11/2023 05:40	5.4	260	6	7.2	0.0		
27/11/2023 05:50	6.0	258	6	7.4	0.0		
27/11/2023 06:00	5.8	259	7	7.8	0.0		
27/11/2023 06:10	5.8	259	8	7.6	0.0		
27/11/2023 06:20	6.0	260	7	7.9	0.0		
27/11/2023 06:30	6.1	259	6	7.8	0.0		
27/11/2023 06:40	6.1	259	7	8.0	0.0		
27/11/2023 06:50	6.8	262	6	8.8	0.0		
27/11/2023 07:00	5.8	257	8	7.5	0.0		
27/11/2023 07:10	6.1	257	8	8.1	0.0		
27/11/2023 07:20	6.5	258	8	8.7	0.0		
27/11/2023 07:30	6.9	258	6	8.5	0.0		
27/11/2023 07:40	6.6	258	8	8.2	0.0		
27/11/2023 07:50	6.6	259	6	8.6	0.0		
27/11/2023 08:00	6.7	256	6	8.1	0.0		
27/11/2023 08:10	6.2	266	7	8.0	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/11/2023 08:20	7.3	267	5	9.0	0.0		
27/11/2023 08:30	7.6	270	7	9.4	0.0		
27/11/2023 08:40	7.5	268	8	9.2	0.0		
27/11/2023 08:50	6.7	267	7	8.2	0.0		
27/11/2023 09:00	6.1	271	8	7.9	0.0		
27/11/2023 09:10	7.0	272	7	8.8	0.0		
27/11/2023 09:20	7.0	279	9	9.2	0.0		
27/11/2023 09:30	7.4	280	9	9.1	0.0		
27/11/2023 09:40	7.6	283	9	9.8	0.0		
27/11/2023 09:50	8.0	282	9	10.2	0.0		
27/11/2023 10:00	7.7	283	10	9.8	0.0		
27/11/2023 10:10	8.0	282	9	9.8	0.0		
27/11/2023 10:20	7.8	279	8	9.9	0.0		
27/11/2023 10:30	7.6	281	8	9.6	0.0		
27/11/2023 10:40	7.6	279	8	10.6	0.0		
27/11/2023 10:50	7.9	278	7	9.9	0.0		
27/11/2023 11:00	7.3	278	7	10.2	0.0		
27/11/2023 11:10	7.6	279	8	10.2	0.0		
27/11/2023 11:20	7.5	276	9	9.6	0.0		
27/11/2023 11:30	7.9	272	8	10.0	0.0		
27/11/2023 11:40	8.4	270	7	10.3	0.0		
27/11/2023 11:50	7.9	274	11	10.4	0.0		
27/11/2023 12:00	8.9	273	7	11.2	0.0		
27/11/2023 12:10	9.3	269	9	11.3	0.0		
27/11/2023 12:20	9.4	272	8	12.4	0.0		
27/11/2023 12:30	9.4	271	9	12.7	0.0		
27/11/2023 12:40	9.4	274	8	11.9	0.0		
27/11/2023 12:50	9.2	274	8	11.6	0.0		
27/11/2023 13:00	9.0	272	7	11.3	0.0		
27/11/2023 13:10	9.5	278	7	11.6	0.0		
27/11/2023 13:20	9.8	275	7	12.4	0.0		
27/11/2023 13:30	9.9	276	9	12.5	0.0		
27/11/2023 13:40	9.2	268	7	12.0	0.0		
27/11/2023 13:50	9.4	275	9	11.6	0.0		
27/11/2023 14:00	9.8	271	7	12.3	0.0		
27/11/2023 14:10	9.3	274	9	12.6	0.0		
27/11/2023 14:20	10.1	274	7	12.5	0.0		
27/11/2023 14:30	9.1	269	9	12.4	0.0		
27/11/2023 14:40	9.3	267	8	11.5	0.0		
27/11/2023 14:50	8.7	273	8	10.7	0.0		
27/11/2023 15:00	8.9	272	8	11.3	0.0		
27/11/2023 15:10	9.0	270	8	11.4	0.0		
27/11/2023 15:20	9.1	272	7	11.4	0.0		
27/11/2023 15:30	9.8	267	8	12.1	0.1		
27/11/2023 15:40	9.0	271	8	11.8	0.0		
27/11/2023 15:50	9.4	270	8	12.2	0.0		
27/11/2023 16:00	9.4	271	8	12.1	0.0		
27/11/2023 16:10	9.6	271	8	12.6	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
27/11/2023 16:20	9.3	270	8	12.4	0.0		
27/11/2023 16:30	10.2	271	8	12.9	0.0		
27/11/2023 16:40	10.1	276	6	12.5	0.0		
27/11/2023 16:50	9.6	274	6	12.1	0.0		
27/11/2023 17:00	9.0	274	6	12.2	0.0		
27/11/2023 17:10	9.3	272	7	11.6	0.0		
27/11/2023 17:20	9.7	276	6	12.0	0.0		
27/11/2023 17:30	9.2	275	6	12.1	0.0		
27/11/2023 17:40	8.1	266	7	10.7	0.0		
27/11/2023 17:50	8.3	269	8	10.7	0.0		
27/11/2023 18:00	7.6	272	7	10.8	0.0		
27/11/2023 18:10	8.1	274	8	10.6	0.0		
27/11/2023 18:20	8.3	271	6	10.9	0.0		
27/11/2023 18:30	8.5	269	7	11.2	0.0		
27/11/2023 18:40	8.2	272	7	10.7	0.0		
27/11/2023 18:50	8.6	268	7	12.1	0.0		
27/11/2023 19:00	8.3	268	7	11.4	0.0		
27/11/2023 19:10	9.1	272	6	11.9	0.0		
27/11/2023 19:20	8.5	272	7	11.5	0.0		
27/11/2023 19:30	8.9	269	6	11.7	0.0		
27/11/2023 19:40	8.8	264	7	11.3	0.0		
27/11/2023 19:50	8.9	269	6	11.6	0.0		
27/11/2023 20:00	9.2	269	5	11.7	0.0		
27/11/2023 20:10	7.7	270	6	10.6	0.0		
27/11/2023 20:20	8.2	270	5	10.1	0.0		
27/11/2023 20:30	8.3	272	7	10.7	0.0		
27/11/2023 20:40	8.3	267	6	10.7	0.0		
27/11/2023 20:50	8.8	271	6	11.1	0.0		
27/11/2023 21:00	8.5	272	6	11.2	0.0		
27/11/2023 21:10	8.9	276	5	12.3	0.0		
27/11/2023 21:20	10.1	277	6	12.8	0.0		
27/11/2023 21:30	9.4	273	6	12.4	0.0		
27/11/2023 21:40	9.4	274	7	12.6	0.0		
27/11/2023 21:50	8.9	271	6	11.1	0.0		
27/11/2023 22:00	8.9	271	6	11.8	0.0		
27/11/2023 22:10	9.1	270	6	11.7	0.0		
27/11/2023 22:20	9.5	269	7	12.2	0.0		
27/11/2023 22:30	9.2	267	7	11.6	0.0		
27/11/2023 22:40	9.2	271	6	12.8	0.0		
27/11/2023 22:50	9.1	267	8	11.4	0.0		
27/11/2023 23:00	8.2	269	7	10.9	0.0		
27/11/2023 23:10	8.7	270	6	11.5	0.0		
27/11/2023 23:20	8.1	267	7	11.0	0.0		
27/11/2023 23:30	8.9	269	6	12.0	0.0		
27/11/2023 23:40	8.6	267	7	11.2	0.0		
27/11/2023 23:50	8.1	264	6	11.0	0.0		
28/11/2023 00:00	8.8	264	7	11.5	0.0		
28/11/2023 00:10	9.0	263	7	12.7	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/11/2023 00:20	8.4	263	6	11.5	0.0		
28/11/2023 00:30	8.6	264	7	12.0	0.0		
28/11/2023 00:40	9.1	264	6	12.0	0.0		
28/11/2023 00:50	9.0	258	7	11.7	0.0		
28/11/2023 01:00	8.7	258	6	12.2	0.0		
28/11/2023 01:10	8.9	259	7	11.7	0.0		
28/11/2023 01:20	8.6	257	7	11.4	0.0		
28/11/2023 01:30	8.9	262	7	11.7	0.0		
28/11/2023 01:40	8.8	260	7	11.8	0.0		
28/11/2023 01:50	8.3	256	8	10.6	0.0		
28/11/2023 02:00	7.7	251	9	10.1	0.0		
28/11/2023 02:10	7.4	252	7	10.4	0.0		
28/11/2023 02:20	7.7	251	7	10.6	0.0		
28/11/2023 02:30	8.0	251	8	10.4	0.0		
28/11/2023 02:40	7.4	254	7	9.9	0.0		
28/11/2023 02:50	7.3	256	6	9.8	0.0		
28/11/2023 03:00	6.6	254	7	8.8	0.0		
28/11/2023 03:10	7.1	258	7	9.2	0.0		
28/11/2023 03:20	6.4	256	6	8.8	0.0		
28/11/2023 03:30	6.8	256	6	8.9	0.0		
28/11/2023 03:40	6.4	256	6	8.2	0.0		
28/11/2023 03:50	6.8	257	6	9.0	0.0		
28/11/2023 04:00	6.5	258	6	9.0	0.0		
28/11/2023 04:10	6.8	260	6	9.0	0.0		
28/11/2023 04:20	6.9	259	6	8.8	0.0		
28/11/2023 04:30	6.4	257	5	8.5	0.0		
28/11/2023 04:40	6.7	255	5	8.6	0.0		
28/11/2023 04:50	6.6	259	5	9.7	0.0		
28/11/2023 05:00	6.5	257	6	8.6	0.0		
28/11/2023 05:10	6.3	257	6	8.4	0.0		
28/11/2023 05:20	6.7	255	8	9.3	0.0		
28/11/2023 05:30	7.2	255	6	9.5	0.0		
28/11/2023 05:40	7.2	258	5	9.1	0.0		
28/11/2023 05:50	7.1	256	6	8.9	0.0		
28/11/2023 06:00	6.8	257	6	8.3	0.0		
28/11/2023 06:10	6.7	258	6	8.8	0.0		
28/11/2023 06:20	7.4	257	5	9.2	0.0		
28/11/2023 06:30	6.8	257	6	8.9	0.0		
28/11/2023 06:40	7.1	255	6	9.5	0.0		
28/11/2023 06:50	6.8	251	8	9.0	0.0		
28/11/2023 07:00	7.4	252	7	9.9	0.0		
28/11/2023 07:10	7.3	254	8	9.5	0.0		
28/11/2023 07:20	7.6	252	7	10.2	0.0		
28/11/2023 07:30	7.5	256	6	10.1	0.0		
28/11/2023 07:40	8.0	262	8	10.1	0.0		
28/11/2023 07:50	8.6	255	6	11.3	0.0		
28/11/2023 08:00	8.5	256	8	10.8	0.0		
28/11/2023 08:10	8.8	254	8	11.2	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/11/2023 08:20	8.1	260	8	10.8	0.0		
28/11/2023 08:30	7.8	267	9	10.0	0.0		
28/11/2023 08:40	8.3	264	9	10.4	0.0		
28/11/2023 08:50	7.6	257	8	9.6	0.0		
28/11/2023 09:00	8.3	261	7	10.6	0.0		
28/11/2023 09:10	7.8	271	8	10.7	0.0		
28/11/2023 09:20	7.7	273	11	10.8	0.0		
28/11/2023 09:30	8.2	274	10	11.3	0.0		
28/11/2023 09:40	8.0	275	10	10.4	0.0		
28/11/2023 09:50	7.9	274	9	10.6	0.0		
28/11/2023 10:00	8.3	274	8	11.5	0.0		
28/11/2023 10:10	8.8	270	10	11.8	0.0		
28/11/2023 10:20	9.0	273	9	11.4	0.0		
28/11/2023 10:30	8.9	276	8	12.4	0.0		
28/11/2023 10:40	9.3	276	9	12.1	0.0		
28/11/2023 10:50	9.3	274	8	12.2	0.0		
28/11/2023 11:00	9.3	278	8	12.5	0.0		
28/11/2023 11:10	9.1	276	8	11.7	0.0		
28/11/2023 11:20	9.3	275	9	12.5	0.0		
28/11/2023 11:30	9.9	276	7	12.7	0.1		
28/11/2023 11:40	9.1	275	8	11.8	0.0		
28/11/2023 11:50	9.2	272	9	12.8	0.0		
28/11/2023 12:00	9.7	272	8	12.7	0.0		
28/11/2023 12:10	9.1	272	9	12.1	0.1		
28/11/2023 12:20	8.9	274	10	12.9	0.0		
28/11/2023 12:30	8.8	280	10	11.6	0.0		
28/11/2023 12:40	9.6	281	7	12.9	0.0		
28/11/2023 12:50	9.8	276	9	12.8	0.0		
28/11/2023 13:00	9.7	270	8	13.2	0.0		
28/11/2023 13:10	9.4	275	10	13.3	0.0		
28/11/2023 13:20	10.2	276	8	13.3	0.4		
28/11/2023 13:30	10.1	276	7	13.5	0.0		
28/11/2023 13:40	9.7	278	7	13.1	0.0		
28/11/2023 13:50	10.3	273	8	13.0	0.0		
28/11/2023 14:00	9.8	274	7	13.1	0.0		
28/11/2023 14:10	10.3	270	7	13.4	0.0		
28/11/2023 14:20	9.6	277	9	13.0	0.0		
28/11/2023 14:30	10.0	279	9	12.8	0.0		
28/11/2023 14:40	9.5	277	10	12.7	0.0		
28/11/2023 14:50	9.9	274	8	12.4	0.0		
28/11/2023 15:00	9.7	275	9	12.3	0.0		
28/11/2023 15:10	9.3	278	8	12.3	0.0		
28/11/2023 15:20	9.2	278	8	12.3	0.0		
28/11/2023 15:30	10.1	273	7	12.7	0.0		
28/11/2023 15:40	10.1	275	7	13.1	0.0		
28/11/2023 15:50	10.5	274	6	13.8	0.0		
28/11/2023 16:00	10.7	275	6	13.4	0.0		
28/11/2023 16:10	9.8	279	8	13.7	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
28/11/2023 16:20	10.2	279	8	13.6	0.0		
28/11/2023 16:30	10.6	274	6	13.9	0.0		
28/11/2023 16:40	11.1	270	6	14.3	0.1		
28/11/2023 16:50	10.2	276	7	13.2	0.0		
28/11/2023 17:00	10.5	273	7	13.4	0.0		
28/11/2023 17:10	10.6	275	8	14.6	0.0		
28/11/2023 17:20	11.3	272	7	15.4	0.0		
28/11/2023 17:30	10.9	272	7	14.5	0.0		
28/11/2023 17:40	11.1	276	7	14.6	0.0		
28/11/2023 17:50	11.0	274	7	14.1	0.0		
28/11/2023 18:00	11.4	276	6	14.4	0.0		
28/11/2023 18:10	10.7	275	7	14.2	0.0		
28/11/2023 18:20	9.3	277	6	13.5	0.0		
28/11/2023 18:30	10.0	273	8	13.5	0.0		
28/11/2023 18:40	10.0	277	7	13.7	0.0		
28/11/2023 18:50	9.7	270	7	12.5	0.0		
28/11/2023 19:00	9.8	274	7	13.2	0.0		
28/11/2023 19:10	10.3	274	6	13.0	0.0		
28/11/2023 19:20	10.1	271	6	13.8	0.0		
28/11/2023 19:30	10.5	270	6	13.6	0.0		
28/11/2023 19:40	10.6	270	7	14.5	0.0		
28/11/2023 19:50	9.6	271	6	13.0	0.0		
28/11/2023 20:00	10.3	272	7	13.9	0.0		
28/11/2023 20:10	9.3	270	7	12.1	0.0		
28/11/2023 20:20	10.1	269	6	13.4	0.1		
28/11/2023 20:30	9.5	267	7	13.2	0.0		
28/11/2023 20:40	10.2	268	7	14.6	0.0		
28/11/2023 20:50	10.3	263	8	13.7	0.0		
28/11/2023 21:00	10.2	262	7	13.8	0.0		
28/11/2023 21:10	11.1	264	7	14.4	0.0		
28/11/2023 21:20	10.3	259	6	14.1	0.0		
28/11/2023 21:30	10.1	260	7	13.6	0.0		
28/11/2023 21:40	9.7	261	7	13.1	0.1		
28/11/2023 21:50	9.1	261	8	12.5	0.0		
28/11/2023 22:00	10.7	264	7	13.3	0.0		
28/11/2023 22:10	10.6	260	7	13.6	0.0		
28/11/2023 22:20	10.9	266	6	14.9	0.1		
28/11/2023 22:30	10.7	263	6	14.2	0.0		
28/11/2023 22:40	9.5	261	7	12.4	0.0		
28/11/2023 22:50	10.0	263	6	13.2	0.0		
28/11/2023 23:00	10.4	258	6	13.6	0.0		
28/11/2023 23:10	10.0	256	7	13.7	0.0		
28/11/2023 23:20	11.2	258	7	14.5	0.0		
28/11/2023 23:30	10.4	258	7	13.5	0.0		
28/11/2023 23:40	10.7	256	8	14.3	0.1		
28/11/2023 23:50	8.6	252	8	10.9	0.0		
29/11/2023 00:00	9.1	256	8	11.4	0.0		
29/11/2023 00:10	9.5	254	6	12.1	0.1		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/11/2023 00:20	9.5	256	7	12.6	0.1		
29/11/2023 00:30	9.3	254	7	13.7	0.1		
29/11/2023 00:40	9.1	255	7	12.3	0.0		
29/11/2023 00:50	8.8	258	7	12.1	0.0		
29/11/2023 01:00	9.3	258	7	12.1	0.0		
29/11/2023 01:10	8.6	259	7	11.7	0.0		
29/11/2023 01:20	9.0	257	6	12.0	0.0		
29/11/2023 01:30	8.3	258	7	11.2	0.0		
29/11/2023 01:40	8.7	258	6	11.0	0.0		
29/11/2023 01:50	7.6	259	7	10.0	0.0		
29/11/2023 02:00	7.7	256	7	9.7	0.0		
29/11/2023 02:10	7.0	258	7	11.0	0.0		
29/11/2023 02:20	6.6	258	8	9.9	0.0		
29/11/2023 02:30	8.5	261	6	11.0	0.0		
29/11/2023 02:40	8.1	259	7	11.2	0.0		
29/11/2023 02:50	8.3	259	6	11.6	0.0		
29/11/2023 03:00	8.3	259	7	11.0	0.0		
29/11/2023 03:10	8.4	259	6	11.1	0.0		
29/11/2023 03:20	8.9	260	7	11.6	0.0		
29/11/2023 03:30	9.5	259	6	12.8	0.0		
29/11/2023 03:40	9.2	260	6	11.8	0.0		
29/11/2023 03:50	8.7	259	6	11.7	0.0		
29/11/2023 04:00	9.8	260	6	12.7	0.0		
29/11/2023 04:10	9.1	259	7	12.3	0.0		
29/11/2023 04:20	8.9	260	6	12.0	0.1		
29/11/2023 04:30	9.2	262	7	12.3	0.0		
29/11/2023 04:40	8.7	259	7	11.9	0.0		
29/11/2023 04:50	8.5	259	6	11.6	0.0		
29/11/2023 05:00	8.1	261	6	11.5	0.0		
29/11/2023 05:10	8.2	258	6	11.4	0.0		
29/11/2023 05:20	7.7	260	6	10.2	0.0		
29/11/2023 05:30	7.6	259	6	9.8	0.0		
29/11/2023 05:40	7.3	261	5	9.4	0.0		
29/11/2023 05:50	7.2	261	6	9.4	0.0		
29/11/2023 06:00	6.6	259	5	9.1	0.0		
29/11/2023 06:10	8.1	262	6	10.6	0.0		
29/11/2023 06:20	7.6	262	6	10.3	0.0		
29/11/2023 06:30	7.8	260	6	10.2	0.0		
29/11/2023 06:40	8.3	262	6	10.2	0.0		
29/11/2023 06:50	8.4	264	6	10.8	0.0		
29/11/2023 07:00	8.8	262	6	10.9	0.0		
29/11/2023 07:10	7.9	264	6	10.5	0.0		
29/11/2023 07:20	8.3	266	5	10.8	0.0		
29/11/2023 07:30	7.1	264	7	9.8	0.0		
29/11/2023 07:40	7.5	267	7	9.2	0.0		
29/11/2023 07:50	6.9	267	7	8.8	0.0		
29/11/2023 08:00	6.9	264	9	8.6	0.0		
29/11/2023 08:10	7.5	271	6	9.2	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/11/2023 08:20	7.1	268	8	9.1	0.0		
29/11/2023 08:30	7.1	266	7	8.8	0.0		
29/11/2023 08:40	7.2	267	6	9.2	0.0		
29/11/2023 08:50	6.7	267	7	8.4	0.0		
29/11/2023 09:00	5.8	269	9	7.9	0.0		
29/11/2023 09:10	6.2	280	9	8.3	0.0		
29/11/2023 09:20	6.9	286	7	8.6	0.0		
29/11/2023 09:30	6.7	285	7	8.4	0.0		
29/11/2023 09:40	7.2	278	7	9.0	0.0		
29/11/2023 09:50	7.0	284	7	8.8	0.0		
29/11/2023 10:00	7.1	277	8	9.2	0.0		
29/11/2023 10:10	6.8	274	9	8.5	0.0		
29/11/2023 10:20	7.3	280	11	9.2	0.0		
29/11/2023 10:30	7.2	273	9	9.5	0.0		
29/11/2023 10:40	7.4	271	7	9.3	0.0		
29/11/2023 10:50	7.2	273	9	8.9	0.0		
29/11/2023 11:00	7.4	283	9	10.0	0.0		
29/11/2023 11:10	8.0	280	7	9.9	0.0		
29/11/2023 11:20	7.3	279	9	9.0	0.0		
29/11/2023 11:30	7.3	270	9	9.6	0.0		
29/11/2023 11:40	7.3	271	8	9.5	0.0		
29/11/2023 11:50	7.5	274	10	9.7	0.0		
29/11/2023 12:00	7.5	269	10	10.0	0.0		
29/11/2023 12:10	7.9	273	8	10.7	0.0		
29/11/2023 12:20	7.7	285	9	10.2	0.0		
29/11/2023 12:30	7.9	294	7	9.9	0.0		
29/11/2023 12:40	7.7	289	7	9.5	0.0		
29/11/2023 12:50	7.3	291	12	10.1	0.0		
29/11/2023 13:00	6.2	311	13	8.7	0.0		
29/11/2023 13:10	7.5	312	10	10.1	0.0		
29/11/2023 13:20	7.5	307	12	10.9	0.0		
29/11/2023 13:30	8.0	311	10	11.4	0.0		
29/11/2023 13:40	8.0	311	9	11.4	0.0		
29/11/2023 13:50	8.8	312	8	12.0	0.0		
29/11/2023 14:00	9.0	312	10	12.8	0.0		
29/11/2023 14:10	7.1	302	15	11.1	0.0		
29/11/2023 14:20	8.1	292	11	11.4	0.0		
29/11/2023 14:30	9.2	290	9	12.5	0.0		
29/11/2023 14:40	10.2	287	8	13.5	0.0		
29/11/2023 14:50	9.0	294	10	12.7	0.0		
29/11/2023 15:00	9.8	288	8	13.8	0.0		
29/11/2023 15:10	10.6	289	8	15.0	0.0		
29/11/2023 15:20	10.9	286	7	14.1	0.0		
29/11/2023 15:30	11.1	288	7	14.8	0.0		
29/11/2023 15:40	10.7	287	7	15.1	0.0		
29/11/2023 15:50	10.8	288	7	14.1	0.0		
29/11/2023 16:00	10.6	288	7	13.1	0.0		
29/11/2023 16:10	10.4	288	7	13.8	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
29/11/2023 16:20	10.1	287	8	14.2	0.0		
29/11/2023 16:30	10.5	286	7	13.8	0.0		
29/11/2023 16:40	10.0	287	7	12.8	0.0		
29/11/2023 16:50	10.2	286	7	13.2	0.0		
29/11/2023 17:00	10.3	290	6	13.0	0.0		
29/11/2023 17:10	9.3	291	8	12.9	0.0		
29/11/2023 17:20	9.8	289	7	12.2	0.0		
29/11/2023 17:30	9.3	290	7	12.4	0.0		
29/11/2023 17:40	9.1	292	7	12.1	0.0		
29/11/2023 17:50	9.7	291	6	12.4	0.0		
29/11/2023 18:00	9.0	293	8	11.9	0.0		
29/11/2023 18:10	9.5	290	7	12.5	0.0		
29/11/2023 18:20	8.9	291	7	11.1	0.0		
29/11/2023 18:30	8.3	290	8	11.6	0.0		
29/11/2023 18:40	8.9	290	6	11.4	0.0		
29/11/2023 18:50	8.4	290	7	11.7	0.0		
29/11/2023 19:00	8.1	287	7	10.5	0.0		
29/11/2023 19:10	8.7	280	9	11.1	0.0		
29/11/2023 19:20	8.4	276	6	11.4	0.0		
29/11/2023 19:30	8.8	279	6	11.1	0.0		
29/11/2023 19:40	7.9	281	7	10.7	0.0		
29/11/2023 19:50	7.7	282	7	10.2	0.0		
29/11/2023 20:00	7.7	280	8	10.1	0.0		
29/11/2023 20:10	7.8	282	7	10.8	0.0		
29/11/2023 20:20	7.8	279	7	10.8	0.0		
29/11/2023 20:30	8.1	278	8	11.2	0.0		
29/11/2023 20:40	8.1	280	6	10.6	0.0		
29/11/2023 20:50	8.5	281	7	11.4	0.0		
29/11/2023 21:00	9.0	276	7	12.3	0.0		
29/11/2023 21:10	8.4	273	6	11.3	0.0		
29/11/2023 21:20	8.8	272	7	11.8	0.0		
29/11/2023 21:30	8.7	276	6	11.2	0.0		
29/11/2023 21:40	8.7	269	6	11.0	0.0		
29/11/2023 21:50	8.2	269	6	10.9	0.0		
29/11/2023 22:00	8.6	271	7	11.4	0.0		
29/11/2023 22:10	8.6	269	5	11.5	0.0		
29/11/2023 22:20	7.9	269	7	10.5	0.0		
29/11/2023 22:30	7.8	268	6	10.2	0.0		
29/11/2023 22:40	8.2	270	6	10.3	0.0		
29/11/2023 22:50	8.2	271	5	11.2	0.0		
29/11/2023 23:00	8.0	267	6	10.5	0.0		
29/11/2023 23:10	7.9	272	6	10.1	0.0		
29/11/2023 23:20	7.3	270	5	9.6	0.0		
29/11/2023 23:30	8.2	271	6	10.6	0.0		
29/11/2023 23:40	7.8	268	6	10.8	0.0		
29/11/2023 23:50	7.6	267	6	10.5	0.0		
30/11/2023 00:00	7.6	265	6	10.4	0.0		
30/11/2023 00:10	7.9	267	6	10.1	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/11/2023 00:20	6.9	267	6	9.4	0.0		
30/11/2023 00:30	7.4	272	6	9.7	0.0		
30/11/2023 00:40	7.7	268	6	9.5	0.0		
30/11/2023 00:50	7.3	269	7	10.1	0.0		
30/11/2023 01:00	7.6	274	6	10.2	0.0		
30/11/2023 01:10	7.1	272	7	10.1	0.0		
30/11/2023 01:20	6.8	272	7	8.9	0.0		
30/11/2023 01:30	7.2	267	6	10.2	0.0		
30/11/2023 01:40	7.0	270	8	9.1	0.0		
30/11/2023 01:50	6.8	274	6	9.5	0.0		
30/11/2023 02:00	5.6	270	7	7.7	0.0		
30/11/2023 02:10	6.5	269	6	8.7	0.0		
30/11/2023 02:20	6.9	267	6	9.3	0.0		
30/11/2023 02:30	6.9	265	7	8.9	0.0		
30/11/2023 02:40	6.8	271	6	8.6	0.0		
30/11/2023 02:50	6.5	272	6	9.0	0.0		
30/11/2023 03:00	6.5	270	6	9.1	0.0		
30/11/2023 03:10	6.8	266	5	8.6	0.0		
30/11/2023 03:20	6.6	268	6	8.6	0.0		
30/11/2023 03:30	5.9	271	7	8.2	0.0		
30/11/2023 03:40	6.4	270	6	8.6	0.0		
30/11/2023 03:50	5.9	268	7	8.4	0.0		
30/11/2023 04:00	6.7	272	5	8.6	0.0		
30/11/2023 04:10	6.8	271	7	8.8	0.0		
30/11/2023 04:20	5.9	268	6	8.0	0.0		
30/11/2023 04:30	6.8	268	6	9.0	0.0		
30/11/2023 04:40	6.4	266	8	9.0	0.0		
30/11/2023 04:50	6.8	266	6	8.7	0.0		
30/11/2023 05:00	5.8	268	7	8.1	0.0		
30/11/2023 05:10	5.5	265	6	7.1	0.0		
30/11/2023 05:20	5.6	270	7	7.8	0.0		
30/11/2023 05:30	6.3	266	6	8.5	0.0		
30/11/2023 05:40	6.3	264	6	8.4	0.0		
30/11/2023 05:50	5.7	265	6	7.9	0.0		
30/11/2023 06:00	6.0	258	7	9.1	0.0		
30/11/2023 06:10	5.8	257	6	7.8	0.0		
30/11/2023 06:20	5.9	257	6	7.9	0.0		
30/11/2023 06:30	6.2	258	6	9.1	0.0		
30/11/2023 06:40	6.1	260	5	7.6	0.0		
30/11/2023 06:50	5.9	256	6	7.5	0.0		
30/11/2023 07:00	6.1	259	6	7.6	0.0		
30/11/2023 07:10	6.8	259	5	8.6	0.0		
30/11/2023 07:20	6.5	260	7	8.4	0.0		
30/11/2023 07:30	6.7	260	8	8.5	0.0		
30/11/2023 07:40	7.1	263	7	9.3	0.0		
30/11/2023 07:50	7.4	262	6	9.7	0.0		
30/11/2023 08:00	7.2	257	7	8.8	0.0		
30/11/2023 08:10	7.1	270	8	9.1	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/11/2023 08:20	6.4	270	7	8.6	0.0		
30/11/2023 08:30	7.4	272	9	9.6	0.0		
30/11/2023 08:40	7.5	269	7	9.5	0.0		
30/11/2023 08:50	7.2	266	12	9.5	0.0		
30/11/2023 09:00	7.3	273	8	9.3	0.0		
30/11/2023 09:10	7.1	272	9	8.9	0.0		
30/11/2023 09:20	6.5	282	11	8.3	0.0		
30/11/2023 09:30	6.6	286	6	8.5	0.0		
30/11/2023 09:40	6.3	290	6	8.6	0.0		
30/11/2023 09:50	6.6	287	9	8.4	0.0		
30/11/2023 10:00	6.6	290	10	8.4	0.0		
30/11/2023 10:10	6.5	282	10	8.2	0.0		
30/11/2023 10:20	6.0	285	12	7.6	0.0		
30/11/2023 10:30	6.1	278	10	8.4	0.0		
30/11/2023 10:40	6.4	274	8	8.1	0.0		
30/11/2023 10:50	6.4	274	7	8.1	0.0		
30/11/2023 11:00	6.4	268	8	8.2	0.0		
30/11/2023 11:10	6.2	275	8	7.6	0.0		
30/11/2023 11:20	6.2	265	10	8.0	0.0		
30/11/2023 11:30	5.9	270	10	8.0	0.0		
30/11/2023 11:40	5.7	272	13	8.0	0.0		
30/11/2023 11:50	6.0	273	9	8.1	0.0		
30/11/2023 12:00	6.6	273	10	8.5	0.0		
30/11/2023 12:10	6.5	272	9	8.8	0.0		
30/11/2023 12:20	6.4	285	12	9.6	0.0		
30/11/2023 12:30	6.6	292	9	8.9	0.0		
30/11/2023 12:40	6.9	288	9	8.9	0.0		
30/11/2023 12:50	6.9	285	10	9.1	0.0		
30/11/2023 13:00	6.3	295	14	9.2	0.0		
30/11/2023 13:10	6.6	308	12	9.0	0.0		
30/11/2023 13:20	6.0	302	14	9.1	0.0		
30/11/2023 13:30	5.8	308	15	8.0	0.0		
30/11/2023 13:40	6.6	319	11	9.0	0.0		
30/11/2023 13:50	6.2	317	11	8.8	0.0		
30/11/2023 14:00	7.1	311	9	9.5	0.0		
30/11/2023 14:10	7.0	316	9	9.6	0.0		
30/11/2023 14:20	7.2	314	7	9.4	0.0		
30/11/2023 14:30	6.6	313	10	9.7	0.0		
30/11/2023 14:40	7.4	313	9	9.9	0.0		
30/11/2023 14:50	7.3	313	10	10.1	0.0		
30/11/2023 15:00	7.8	307	9	10.7	0.0		
30/11/2023 15:10	7.7	305	9	10.9	0.0		
30/11/2023 15:20	8.2	297	8	10.9	0.0		
30/11/2023 15:30	7.5	297	11	11.3	0.0		
30/11/2023 15:40	8.2	300	9	11.6	0.0		
30/11/2023 15:50	8.3	304	11	11.4	0.0		
30/11/2023 16:00	7.9	303	12	11.5	0.0		
30/11/2023 16:10	7.7	306	11	11.2	0.0		



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
30/11/2023 16:20	7.3	302	10	9.9	0.0		
30/11/2023 16:30	7.7	303	13	10.5	0.0		
30/11/2023 16:40	8.4	294	10	10.7	0.0		
30/11/2023 16:50	9.0	289	6	11.6	0.0		
30/11/2023 17:00	8.3	292	6	10.7	0.0		
30/11/2023 17:10	8.5	297	6	12.5	0.0		
30/11/2023 17:20	8.5	292	6	10.8	0.0		
30/11/2023 17:30	8.4	295	7	10.9	0.0		
30/11/2023 17:40	7.1	278	9	9.9	0.0		
30/11/2023 17:50	7.9	277	8	10.5	0.0		
30/11/2023 18:00	7.6	279	7	9.8	0.0		
30/11/2023 18:10	7.4	286	7	10.1	0.0		
30/11/2023 18:20	8.4	280	7	11.3	0.0		
30/11/2023 18:30	7.8	290	7	10.3	0.0		
30/11/2023 18:40	8.1	287	8	11.3	0.0		
30/11/2023 18:50	7.0	284	8	10.1	0.0		
30/11/2023 19:00	7.9	278	6	10.9	0.0		
30/11/2023 19:10	8.0	281	7	10.9	0.0		
30/11/2023 19:20	8.3	278	6	10.8	0.0		
30/11/2023 19:30	8.3	275	6	10.9	0.0		
30/11/2023 19:40	9.0	275	6	11.6	0.0		
30/11/2023 19:50	8.2	273	7	10.5	0.0		
30/11/2023 20:00	8.0	272	6	10.2	0.0		
30/11/2023 20:10	8.5	268	7	11.0	0.0		
30/11/2023 20:20	8.1	268	7	10.7	0.0		
30/11/2023 20:30	8.0	265	7	11.6	0.0		
30/11/2023 20:40	7.5	268	7	10.2	0.0		
30/11/2023 20:50	8.7	264	6	11.2	0.0		
30/11/2023 21:00	7.1	267	7	9.6	0.0		
30/11/2023 21:10	7.7	267	6	10.0	0.0		
30/11/2023 21:20	7.9	268	6	10.4	0.0		
30/11/2023 21:30	7.8	264	6	10.4	0.0		
30/11/2023 21:40	7.7	267	6	9.8	0.0		
30/11/2023 21:50	6.9	264	7	9.3	0.0		
30/11/2023 22:00	6.8	260	7	9.8	0.0		
30/11/2023 22:10	6.8	260	6	8.7	0.0		
30/11/2023 22:20	6.8	260	6	9.5	0.0		
30/11/2023 22:30	6.7	259	5	8.9	0.0		
30/11/2023 22:40	6.7	259	7	8.9	0.0		
30/11/2023 22:50	6.7	258	8	9.3	0.0		
30/11/2023 23:00	6.7	259	7	8.4	0.0		
30/11/2023 23:10	5.8	261	7	7.6	0.0		
30/11/2023 23:20	6.4	267	6	8.5	0.0		
30/11/2023 23:30	6.2	270	7	8.1	0.0		
30/11/2023 23:40	6.1	269	6	8.8	0.0		
30/11/2023 23:50	6.4	264	7	8.2	0.0		
01/12/2023 00:00	7.0	265	6	9.0	0.0		
01/12/2023 00:10	6.9	263	7	9.0	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/12/2023 00:20	6.5	263	6	8.7	0.0		65
01/12/2023 00:30	7.1	258	6	9.3	0.0		66
01/12/2023 00:40	6.3	258	7	8.8	0.0		66
01/12/2023 00:50	6.7	262	6	9.0	0.0		66
01/12/2023 01:00	6.6	261	7	9.3	0.0		66
01/12/2023 01:10	6.7	268	5	8.7	0.0		66
01/12/2023 01:20	6.9	268	5	8.8	0.0		66
01/12/2023 01:30	6.8	269	6	8.9	0.0		66
01/12/2023 01:40	6.8	271	5	9.3	0.0		65
01/12/2023 01:50	6.0	271	6	8.7	0.0		65
01/12/2023 02:00	6.4	273	6	8.6	0.0		66
01/12/2023 02:10	6.5	275	6	8.9	0.0		66
01/12/2023 02:20	6.6	276	7	9.0	0.0		66
01/12/2023 02:30	6.5	276	6	8.7	0.0		66
01/12/2023 02:40	6.2	276	7	8.2	0.0		66
01/12/2023 02:50	6.3	273	7	8.8	0.0		66
01/12/2023 03:00	6.4	270	7	9.2	0.0		65
01/12/2023 03:10	7.0	271	6	9.5	0.0		65
01/12/2023 03:20	6.2	265	6	8.2	0.0		65
01/12/2023 03:30	6.2	267	6	8.5	0.0		65
01/12/2023 03:40	6.5	262	7	9.0	0.0		65
01/12/2023 03:50	6.0	263	6	8.1	0.0		65
01/12/2023 04:00	6.0	266	7	8.2	0.0		65
01/12/2023 04:10	6.6	267	7	9.3	0.0		65
01/12/2023 04:20	6.8	266	6	9.0	0.0		65
01/12/2023 04:30	6.7	269	7	9.0	0.0		65
01/12/2023 04:40	6.7	268	5	10.1	0.0		65
01/12/2023 04:50	7.4	267	6	9.9	0.0		65
01/12/2023 05:00	6.6	264	5	8.7	0.0		65
01/12/2023 05:10	7.1	264	6	9.5	0.0		65
01/12/2023 05:20	6.1	256	7	8.4	0.0		65
01/12/2023 05:30	6.3	258	6	8.4	0.0		65
01/12/2023 05:40	6.5	258	7	8.7	0.0		65
01/12/2023 05:50	6.6	256	6	8.7	0.0		65
01/12/2023 06:00	6.6	257	6	8.7	0.0		65
01/12/2023 06:10	6.6	256	6	8.8	0.0		65
01/12/2023 06:20	5.9	255	7	7.9	0.0		65
01/12/2023 06:30	5.3	255	6	7.0	0.0		65
01/12/2023 06:40	5.7	256	6	7.1	0.0		65
01/12/2023 06:50	6.3	258	7	8.5	0.0		65
01/12/2023 07:00	6.6	258	7	8.5	0.0		64
01/12/2023 07:10	7.5	259	5	9.3	0.0		65
01/12/2023 07:20	7.8	259	7	9.7	0.0		64
01/12/2023 07:30	7.8	255	8	9.3	0.0		64
01/12/2023 07:40	8.2	256	6	10.0	0.0		64
01/12/2023 07:50	7.7	257	7	9.9	0.0		64
01/12/2023 08:00	8.0	259	7	10.6	0.0		64
01/12/2023 08:10	7.6	259	8	9.6	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/12/2023 08:20	8.3	263	6	10.8	0.0		62
01/12/2023 08:30	7.5	266	9	9.5	0.0		63
01/12/2023 08:40	8.0	272	9	9.6	0.0		63
01/12/2023 08:50	8.4	271	6	11.0	0.0		63
01/12/2023 09:00	8.4	276	7	10.5	0.0		64
01/12/2023 09:10	8.3	274	9	10.5	0.0		63
01/12/2023 09:20	8.4	276	10	11.6	0.0		63
01/12/2023 09:30	8.7	278	8	11.0	0.0		62
01/12/2023 09:40	8.7	278	8	11.0	0.0		63
01/12/2023 09:50	8.9	280	7	11.1	0.0		63
01/12/2023 10:00	8.8	277	7	11.2	0.0		62
01/12/2023 10:10	9.1	278	8	11.7	0.0		63
01/12/2023 10:20	8.4	276	10	11.0	0.0		62
01/12/2023 10:30	9.3	280	10	12.0	0.0		62
01/12/2023 10:40	9.7	272	7	11.9	0.0		63
01/12/2023 10:50	9.7	270	7	12.0	0.0		62
01/12/2023 11:00	9.6	275	8	12.7	0.0		62
01/12/2023 11:10	9.0	272	9	12.2	0.0		61
01/12/2023 11:20	10.2	271	7	12.5	0.0		63
01/12/2023 11:30	10.1	273	9	13.3	0.0		63
01/12/2023 11:40	10.2	273	8	13.2	0.0		63
01/12/2023 11:50	10.5	269	9	14.0	0.0		63
01/12/2023 12:00	10.4	273	6	13.3	0.0		63
01/12/2023 12:10	10.0	273	8	13.0	0.0		64
01/12/2023 12:20	10.0	275	8	13.1	0.0		64
01/12/2023 12:30	10.5	270	7	13.7	0.0		63
01/12/2023 12:40	10.0	272	8	12.5	0.0		63
01/12/2023 12:50	10.0	267	8	13.2	0.0		63
01/12/2023 13:00	10.0	272	7	12.6	0.0		64
01/12/2023 13:10	9.7	268	7	12.7	0.0		63
01/12/2023 13:20	9.9	270	7	12.2	0.0		63
01/12/2023 13:30	9.4	266	6	12.5	0.0		62
01/12/2023 13:40	9.8	267	7	12.0	0.0		63
01/12/2023 13:50	9.6	266	8	12.0	0.0		62
01/12/2023 14:00	9.1	269	6	11.5	0.0		63
01/12/2023 14:10	8.5	269	8	10.8	0.0		62
01/12/2023 14:20	8.1	271	8	10.7	0.0		60
01/12/2023 14:30	8.6	270	7	11.0	0.0		59
01/12/2023 14:40	8.9	264	6	11.2	0.0		58
01/12/2023 14:50	9.7	267	7	12.5	0.0		55
01/12/2023 15:00	10.5	270	7	13.2	0.0		54
01/12/2023 15:10	10.5	268	6	13.5	0.0		56
01/12/2023 15:20	9.8	270	8	13.3	0.0		58
01/12/2023 15:30	9.8	268	7	13.0	0.0		58
01/12/2023 15:40	9.5	269	8	12.6	0.0		57
01/12/2023 15:50	10.1	273	7	12.7	0.0		57
01/12/2023 16:00	9.9	268	8	13.5	0.0		59
01/12/2023 16:10	9.9	269	7	12.9	0.0		59



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
01/12/2023 16:20	9.2	271	7	12.2	0.0		60
01/12/2023 16:30	9.3	269	6	12.2	0.0		62
01/12/2023 16:40	9.4	271	7	11.8	0.0		64
01/12/2023 16:50	9.1	294	8	11.7	0.0		64
01/12/2023 17:00	9.2	293	8	12.5	0.0		65
01/12/2023 17:10	9.7	291	7	13.0	0.0		65
01/12/2023 17:20	9.6	293	8	12.6	0.0		65
01/12/2023 17:30	9.5	294	6	12.5	0.0		66
01/12/2023 17:40	9.1	294	7	12.4	0.0		66
01/12/2023 17:50	9.4	292	7	12.2	0.0		66
01/12/2023 18:00	8.9	292	7	11.8	0.0		66
01/12/2023 18:10	8.8	291	7	12.0	0.0		66
01/12/2023 18:20	9.5	291	6	12.1	0.0		67
01/12/2023 18:30	9.2	290	7	11.8	0.0		67
01/12/2023 18:40	8.6	288	7	11.7	0.0		67
01/12/2023 18:50	9.2	290	7	11.2	0.0		67
01/12/2023 19:00	9.4	291	7	12.5	0.0		67
01/12/2023 19:10	8.8	290	7	12.8	0.0		67
01/12/2023 19:20	8.7	291	7	12.6	0.0		68
01/12/2023 19:30	8.6	288	7	11.5	0.0		68
01/12/2023 19:40	8.7	290	7	11.5	0.0		67
01/12/2023 19:50	8.6	285	7	11.4	0.0		67
01/12/2023 20:00	8.5	282	7	11.8	0.0		67
01/12/2023 20:10	8.1	289	7	10.9	0.0		67
01/12/2023 20:20	8.4	282	8	11.0	0.0		67
01/12/2023 20:30	8.9	281	7	12.3	0.0		67
01/12/2023 20:40	8.7	279	7	11.0	0.0		67
01/12/2023 20:50	8.5	281	6	12.5	0.0		67
01/12/2023 21:00	8.9	282	7	11.9	0.0		67
01/12/2023 21:10	7.8	275	7	11.0	0.0		67
01/12/2023 21:20	8.4	277	8	12.4	0.0		67
01/12/2023 21:30	7.6	276	6	9.8	0.0		67
01/12/2023 21:40	8.9	276	6	11.9	0.0		67
01/12/2023 21:50	8.6	272	7	11.8	0.0		67
01/12/2023 22:00	8.7	269	6	11.5	0.0		67
01/12/2023 22:10	8.5	265	7	11.3	0.0		66
01/12/2023 22:20	8.5	267	7	11.0	0.0		67
01/12/2023 22:30	8.3	265	6	10.7	0.0		67
01/12/2023 22:40	8.8	265	7	11.4	0.0		67
01/12/2023 22:50	8.6	266	6	11.4	0.0		67
01/12/2023 23:00	8.9	268	5	11.4	0.0		67
01/12/2023 23:10	8.7	269	7	11.4	0.0		67
01/12/2023 23:20	8.3	267	6	11.1	0.0		67
01/12/2023 23:30	8.5	265	7	11.2	0.0		67
01/12/2023 23:40	7.9	269	6	10.2	0.0		67
01/12/2023 23:50	8.1	263	6	10.7	0.0		67
02/12/2023 00:00	8.1	266	7	10.6	0.0		67
02/12/2023 00:10	7.4	261	7	10.2	0.0		67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/12/2023 00:20	8.6	261	8	10.7	0.0		67
02/12/2023 00:30	8.1	262	5	10.2	0.0		67
02/12/2023 00:40	8.0	263	7	10.9	0.0		67
02/12/2023 00:50	7.7	258	7	9.3	0.0		67
02/12/2023 01:00	8.1	260	8	11.1	0.0		67
02/12/2023 01:10	8.2	257	8	10.5	0.0		67
02/12/2023 01:20	8.1	260	6	10.1	0.0		67
02/12/2023 01:30	7.4	253	6	9.7	0.0		67
02/12/2023 01:40	7.8	254	7	9.8	0.0		67
02/12/2023 01:50	7.6	255	6	9.9	0.0		67
02/12/2023 02:00	7.5	261	7	9.8	0.0		67
02/12/2023 02:10	7.6	258	6	10.3	0.0		67
02/12/2023 02:20	7.2	254	7	9.7	0.0		67
02/12/2023 02:30	6.2	248	10	9.1	0.0		67
02/12/2023 02:40	6.4	251	9	8.9	0.0		67
02/12/2023 02:50	6.9	250	9	9.5	0.0		67
02/12/2023 03:00	6.8	253	8	9.2	0.0		67
02/12/2023 03:10	6.7	249	9	9.0	0.0		67
02/12/2023 03:20	6.8	252	8	9.7	0.0		67
02/12/2023 03:30	6.6	252	8	8.6	0.0		67
02/12/2023 03:40	6.5	252	6	8.7	0.0		66
02/12/2023 03:50	7.2	254	6	9.4	0.0		66
02/12/2023 04:00	6.9	252	7	9.7	0.0		66
02/12/2023 04:10	7.1	254	8	9.7	0.0		67
02/12/2023 04:20	7.1	252	7	9.9	0.0		67
02/12/2023 04:30	7.1	255	6	9.2	0.0		67
02/12/2023 04:40	5.9	255	6	8.2	0.0		67
02/12/2023 04:50	5.7	257	6	7.9	0.0		67
02/12/2023 05:00	5.7	253	7	7.6	0.0		67
02/12/2023 05:10	5.3	256	6	7.3	0.0		67
02/12/2023 05:20	5.2	255	6	6.6	0.0		68
02/12/2023 05:30	5.3	256	7	6.8	0.0		68
02/12/2023 05:40	6.3	256	6	8.4	0.0		68
02/12/2023 05:50	6.5	256	6	8.6	0.0		68
02/12/2023 06:00	6.5	257	5	8.8	0.0		68
02/12/2023 06:10	6.6	257	5	8.5	0.0		68
02/12/2023 06:20	6.4	259	6	8.1	0.0		67
02/12/2023 06:30	7.6	261	6	9.2	0.0		67
02/12/2023 06:40	7.3	258	5	9.3	0.0		67
02/12/2023 06:50	6.9	259	7	8.6	0.0		67
02/12/2023 07:00	6.7	262	6	8.8	0.0		66
02/12/2023 07:10	6.7	257	8	8.4	0.0		66
02/12/2023 07:20	6.8	257	8	8.8	0.0		66
02/12/2023 07:30	6.9	250	11	9.2	0.0		65
02/12/2023 07:40	7.5	256	6	9.4	0.0		65
02/12/2023 07:50	7.0	262	6	8.9	0.0		65
02/12/2023 08:00	7.6	266	6	9.4	0.0		65
02/12/2023 08:10	6.8	265	8	8.8	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/12/2023 08:20	7.2	265	8	11.1	0.0		65
02/12/2023 08:30	7.0	266	10	9.2	0.0		64
02/12/2023 08:40	6.3	270	8	8.3	0.0		64
02/12/2023 08:50	6.9	280	10	8.9	0.0		64
02/12/2023 09:00	7.6	275	8	9.6	0.0		64
02/12/2023 09:10	7.9	280	6	9.7	0.0		64
02/12/2023 09:20	8.3	276	6	9.5	0.0		64
02/12/2023 09:30	8.0	274	6	10.0	0.0		65
02/12/2023 09:40	8.5	278	6	10.2	0.0		65
02/12/2023 09:50	8.4	275	6	10.7	0.0		65
02/12/2023 10:00	8.2	279	6	10.2	0.0		64
02/12/2023 10:10	8.2	274	8	10.7	0.0		65
02/12/2023 10:20	8.6	270	8	11.1	0.0		65
02/12/2023 10:30	8.7	270	9	11.5	0.0		64
02/12/2023 10:40	9.1	274	9	11.5	0.0		64
02/12/2023 10:50	9.6	271	7	12.0	0.0		64
02/12/2023 11:00	9.3	274	6	11.8	0.0		64
02/12/2023 11:10	9.4	278	8	12.0	0.0		64
02/12/2023 11:20	9.7	275	7	11.6	0.0		64
02/12/2023 11:30	9.5	277	8	12.1	0.0		63
02/12/2023 11:40	9.5	272	7	11.9	0.0		63
02/12/2023 11:50	9.8	274	6	12.5	0.0		62
02/12/2023 12:00	9.3	274	9	11.8	0.0		63
02/12/2023 12:10	9.4	279	10	12.2	0.0		62
02/12/2023 12:20	9.4	275	8	12.8	0.0		62
02/12/2023 12:30	8.6	279	9	11.6	0.0		60
02/12/2023 12:40	9.4	271	8	13.1	0.0		61
02/12/2023 12:50	9.2	272	7	12.3	0.0		61
02/12/2023 13:00	9.5	273	7	12.1	0.0		61
02/12/2023 13:10	8.8	275	8	12.5	0.0		60
02/12/2023 13:20	9.2	271	7	11.8	0.0		60
02/12/2023 13:30	9.9	275	7	12.5	0.0		58
02/12/2023 13:40	10.0	269	5	12.2	0.0		60
02/12/2023 13:50	8.4	273	8	11.3	0.0		60
02/12/2023 14:00	9.2	287	8	12.6	0.0		60
02/12/2023 14:10	8.8	288	9	12.4	0.0		60
02/12/2023 14:20	8.0	302	13	11.1	0.0		61
02/12/2023 14:30	9.4	310	10	12.6	0.0		63
02/12/2023 14:40	8.0	302	13	12.2	0.0		62
02/12/2023 14:50	8.6	294	10	12.3	0.0		62
02/12/2023 15:00	8.1	306	12	13.0	0.0		63
02/12/2023 15:10	8.6	299	13	11.9	0.0		64
02/12/2023 15:20	9.6	290	8	12.9	0.0		64
02/12/2023 15:30	8.6	298	12	13.0	0.0		64
02/12/2023 15:40	9.3	289	7	12.5	0.0		64
02/12/2023 15:50	9.3	289	7	12.8	0.0		65
02/12/2023 16:00	8.9	287	9	12.2	0.0		65
02/12/2023 16:10	9.1	289	7	12.3	0.0		64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
02/12/2023 16:20	8.9	293	10	12.6	0.0		65
02/12/2023 16:30	9.3	288	8	12.3	0.0		64
02/12/2023 16:40	8.9	288	7	11.3	0.0		65
02/12/2023 16:50	9.2	286	7	11.9	0.0		65
02/12/2023 17:00	10.0	286	7	13.0	0.0		65
02/12/2023 17:10	8.5	288	7	12.2	0.0		65
02/12/2023 17:20	9.7	288	6	12.9	0.0		65
02/12/2023 17:30	9.3	287	7	12.8	0.0		66
02/12/2023 17:40	9.9	285	6	12.4	0.0		66
02/12/2023 17:50	9.6	289	7	11.9	0.0		66
02/12/2023 18:00	9.7	287	7	12.4	0.0		67
02/12/2023 18:10	9.1	288	7	12.3	0.0		66
02/12/2023 18:20	8.2	290	7	11.2	0.0		67
02/12/2023 18:30	8.2	288	8	11.0	0.0		67
02/12/2023 18:40	8.7	289	6	11.0	0.0		67
02/12/2023 18:50	8.4	289	7	10.6	0.0		68
02/12/2023 19:00	7.8	290	7	10.3	0.0		68
02/12/2023 19:10	8.3	290	5	10.6	0.0		68
02/12/2023 19:20	7.4	286	6	9.9	0.0		68
02/12/2023 19:30	7.7	287	6	10.6	0.0		68
02/12/2023 19:40	8.0	286	6	10.0	0.0		68
02/12/2023 19:50	6.8	285	8	9.4	0.0		68
02/12/2023 20:00	6.8	289	7	9.2	0.0		68
02/12/2023 20:10	7.3	286	8	10.3	0.0		68
02/12/2023 20:20	7.2	285	7	9.5	0.0		67
02/12/2023 20:30	7.2	279	7	10.1	0.0		68
02/12/2023 20:40	6.5	283	7	8.4	0.0		68
02/12/2023 20:50	6.6	280	6	8.8	0.0		68
02/12/2023 21:00	6.1	282	7	7.9	0.0		67
02/12/2023 21:10	6.2	275	7	8.4	0.0		67
02/12/2023 21:20	6.4	276	8	8.3	0.0		67
02/12/2023 21:30	6.7	277	7	8.6	0.0		67
02/12/2023 21:40	6.6	273	7	8.5	0.0		67
02/12/2023 21:50	6.5	277	7	8.8	0.0		67
02/12/2023 22:00	6.7	279	7	8.7	0.0		67
02/12/2023 22:10	6.0	276	6	7.7	0.0		66
02/12/2023 22:20	6.2	272	5	7.9	0.0		66
02/12/2023 22:30	5.4	271	7	7.4	0.0		66
02/12/2023 22:40	6.1	276	6	8.0	0.0		66
02/12/2023 22:50	5.7	275	7	7.9	0.0		66
02/12/2023 23:00	5.0	272	8	7.0	0.0		66
02/12/2023 23:10	5.3	270	7	7.8	0.0		66
02/12/2023 23:20	5.1	272	7	6.8	0.0		66
02/12/2023 23:30	4.8	269	7	6.4	0.0		66
02/12/2023 23:40	5.6	269	7	7.2	0.0		66
02/12/2023 23:50	6.1	270	5	8.0	0.0		65
03/12/2023 00:00	5.7	273	6	7.5	0.0		65
03/12/2023 00:10	6.2	271	6	8.3	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/12/2023 00:20	6.3	270	5	8.4	0.0		65
03/12/2023 00:30	6.4	269	6	8.3	0.0		65
03/12/2023 00:40	5.9	269	6	7.8	0.0		65
03/12/2023 00:50	5.5	267	7	8.0	0.0		65
03/12/2023 01:00	5.5	271	8	7.4	0.0		65
03/12/2023 01:10	5.6	272	7	7.5	0.0		65
03/12/2023 01:20	5.7	270	7	7.5	0.0		65
03/12/2023 01:30	5.4	270	7	7.7	0.0		65
03/12/2023 01:40	6.2	266	5	8.4	0.0		65
03/12/2023 01:50	5.5	268	7	7.4	0.0		65
03/12/2023 02:00	6.1	268	8	7.9	0.0		65
03/12/2023 02:10	5.6	268	6	8.0	0.0		65
03/12/2023 02:20	5.2	269	6	7.3	0.0		65
03/12/2023 02:30	5.7	270	6	7.2	0.0		65
03/12/2023 02:40	6.3	267	6	8.2	0.0		65
03/12/2023 02:50	5.8	269	5	7.5	0.0		65
03/12/2023 03:00	5.8	271	5	7.4	0.0		65
03/12/2023 03:10	5.7	268	6	7.4	0.0		65
03/12/2023 03:20	5.2	272	6	7.5	0.0		65
03/12/2023 03:30	5.5	270	6	7.0	0.0		64
03/12/2023 03:40	5.9	268	7	7.6	0.0		64
03/12/2023 03:50	6.1	266	5	8.0	0.0		64
03/12/2023 04:00	5.7	266	6	7.6	0.0		64
03/12/2023 04:10	5.8	268	5	7.8	0.0		64
03/12/2023 04:20	6.0	268	5	7.5	0.0		64
03/12/2023 04:30	5.5	265	6	7.1	0.0		64
03/12/2023 04:40	6.0	269	5	7.5	0.0		64
03/12/2023 04:50	6.3	268	5	7.6	0.0		64
03/12/2023 05:00	5.3	272	7	7.0	0.0		63
03/12/2023 05:10	5.6	267	5	7.6	0.0		63
03/12/2023 05:20	5.8	265	5	8.1	0.0		63
03/12/2023 05:30	6.1	264	5	7.4	0.0		63
03/12/2023 05:40	4.9	270	7	6.6	0.0		63
03/12/2023 05:50	4.9	270	6	6.4	0.0		63
03/12/2023 06:00	5.0	266	6	6.6	0.0		62
03/12/2023 06:10	5.5	269	5	7.1	0.0		62
03/12/2023 06:20	5.5	264	7	7.2	0.0		62
03/12/2023 06:30	6.2	267	7	8.1	0.0		62
03/12/2023 06:40	6.8	261	7	8.7	0.0		62
03/12/2023 06:50	7.0	257	7	8.7	0.0		62
03/12/2023 07:00	6.9	258	6	8.5	0.0		63
03/12/2023 07:10	7.1	262	7	8.9	0.0		63
03/12/2023 07:20	6.8	264	8	8.8	0.0		63
03/12/2023 07:30	7.0	270	8	8.9	0.0		63
03/12/2023 07:40	7.1	277	7	10.5	0.0		63
03/12/2023 07:50	7.1	270	7	8.9	0.0		63
03/12/2023 08:00	7.3	267	8	11.0	0.0		64
03/12/2023 08:10	7.4	273	8	9.3	0.0		64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/12/2023 08:20	6.8	274	9	9.0	0.0		64
03/12/2023 08:30	7.3	274	9	9.1	0.0		64
03/12/2023 08:40	6.8	277	8	9.2	0.0		64
03/12/2023 08:50	6.9	275	7	9.4	0.0		64
03/12/2023 09:00	6.7	268	9	8.2	0.0		64
03/12/2023 09:10	6.9	270	8	9.0	0.0		64
03/12/2023 09:20	6.8	273	9	9.1	0.0		64
03/12/2023 09:30	6.7	275	8	8.7	0.0		64
03/12/2023 09:40	6.3	268	12	8.4	0.0		64
03/12/2023 09:50	6.3	275	13	8.6	0.0		64
03/12/2023 10:00	6.4	274	12	8.8	0.0		64
03/12/2023 10:10	6.4	280	9	8.4	0.0		64
03/12/2023 10:20	6.6	275	8	8.4	0.0		64
03/12/2023 10:30	6.0	275	6	8.2	0.0		62
03/12/2023 10:40	5.2	276	11	7.4	0.0		62
03/12/2023 10:50	5.3	276	11	7.3	0.0		61
03/12/2023 11:00	5.7	273	9	7.1	0.0		62
03/12/2023 11:10	4.9	273	12	7.0	0.0		61
03/12/2023 11:20	4.5	305	17	6.5	0.0		58
03/12/2023 11:30	5.6	323	11	8.2	0.0		62
03/12/2023 11:40	6.2	324	14	8.4	0.0		63
03/12/2023 11:50	7.1	325	12	9.2	0.0		63
03/12/2023 12:00	7.6	331	12	10.9	0.0		64
03/12/2023 12:10	7.3	317	12	9.9	0.0		64
03/12/2023 12:20	7.1	310	13	10.1	0.0		63
03/12/2023 12:30	6.9	311	12	9.9	0.0		63
03/12/2023 12:40	7.1	305	12	9.9	0.0		64
03/12/2023 12:50	7.6	307	11	10.2	0.0		64
03/12/2023 13:00	7.1	305	13	10.4	0.0		64
03/12/2023 13:10	7.3	307	12	10.0	0.0		65
03/12/2023 13:20	7.0	308	11	10.2	0.0		64
03/12/2023 13:30	7.0	319	15	10.5	0.0		64
03/12/2023 13:40	7.5	310	11	10.6	0.0		65
03/12/2023 13:50	6.9	311	17	9.6	0.0		65
03/12/2023 14:00	6.3	314	12	9.8	0.0		64
03/12/2023 14:10	7.2	315	11	10.4	0.0		65
03/12/2023 14:20	7.1	312	11	10.1	0.0		65
03/12/2023 14:30	7.8	308	10	10.1	0.0		65
03/12/2023 14:40	7.4	300	13	10.8	0.0		65
03/12/2023 14:50	7.2	306	13	10.1	0.0		65
03/12/2023 15:00	6.7	303	10	9.6	0.0		65
03/12/2023 15:10	6.9	303	13	9.5	0.0		65
03/12/2023 15:20	6.1	309	14	8.8	0.0		65
03/12/2023 15:30	6.4	306	14	9.4	0.0		65
03/12/2023 15:40	6.6	304	13	10.1	0.0		65
03/12/2023 15:50	6.3	309	12	9.5	0.0		65
03/12/2023 16:00	7.1	311	10	10.5	0.0		65
03/12/2023 16:10	7.0	307	11	10.4	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
03/12/2023 16:20	7.7	307	10	11.2	0.0		65
03/12/2023 16:30	7.8	305	10	11.1	0.0		66
03/12/2023 16:40	7.3	307	12	10.7	0.0		66
03/12/2023 16:50	7.7	304	12	10.3	0.0		66
03/12/2023 17:00	7.5	302	11	10.9	0.0		66
03/12/2023 17:10	7.3	307	10	10.5	0.0		66
03/12/2023 17:20	7.5	310	10	10.4	0.0		66
03/12/2023 17:30	7.5	304	11	10.4	0.0		66
03/12/2023 17:40	6.6	308	12	8.7	0.0		66
03/12/2023 17:50	6.5	312	11	9.3	0.0		66
03/12/2023 18:00	7.4	304	11	10.8	0.0		66
03/12/2023 18:10	7.5	306	10	10.4	0.0		66
03/12/2023 18:20	7.4	310	10	11.3	0.0		66
03/12/2023 18:30	7.8	309	8	10.4	0.0		66
03/12/2023 18:40	7.6	308	9	10.0	0.0		66
03/12/2023 18:50	7.3	306	10	11.1	0.0		65
03/12/2023 19:00	7.2	303	10	10.4	0.0		65
03/12/2023 19:10	6.8	306	10	10.0	0.0		65
03/12/2023 19:20	6.5	304	10	9.7	0.0		65
03/12/2023 19:30	7.8	310	8	10.3	0.0		65
03/12/2023 19:40	6.8	307	10	9.9	0.0		64
03/12/2023 19:50	7.3	304	10	11.0	0.0		64
03/12/2023 20:00	7.2	303	11	11.0	0.0		64
03/12/2023 20:10	7.2	299	11	10.7	0.0		64
03/12/2023 20:20	7.0	294	10	10.0	0.0		64
03/12/2023 20:30	8.3	276	7	10.2	0.0		64
03/12/2023 20:40	7.1	280	7	9.2	0.0		64
03/12/2023 20:50	6.0	279	8	8.3	0.0		64
03/12/2023 21:00	6.2	275	6	8.1	0.0		64
03/12/2023 21:10	6.4	281	8	8.7	0.0		64
03/12/2023 21:20	6.4	274	7	8.2	0.0		64
03/12/2023 21:30	5.8	275	7	7.4	0.0		64
03/12/2023 21:40	5.7	278	7	7.3	0.0		64
03/12/2023 21:50	6.1	276	7	8.3	0.0		64
03/12/2023 22:00	5.3	279	7	7.2	0.0		64
03/12/2023 22:10	5.7	278	8	7.9	0.0		65
03/12/2023 22:20	5.9	281	5	7.2	0.0		65
03/12/2023 22:30	6.3	283	7	7.7	0.0		65
03/12/2023 22:40	5.6	289	7	7.7	0.0		65
03/12/2023 22:50	5.7	292	8	7.3	0.0		65
03/12/2023 23:00	5.4	292	9	7.0	0.0		65
03/12/2023 23:10	5.1	283	7	7.1	0.0		65
03/12/2023 23:20	4.9	282	8	6.7	0.0		65
03/12/2023 23:30	4.9	285	8	6.4	0.0		65
03/12/2023 23:40	4.8	296	7	6.2	0.0		65
03/12/2023 23:50	4.4	294	8	5.8	0.0		65
04/12/2023 00:00	4.8	287	8	7.0	0.0		65
04/12/2023 00:10	5.3	282	8	7.2	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/12/2023 00:20	5.4	281	7	7.4	0.0		65
04/12/2023 00:30	5.7	282	8	7.8	0.0		64
04/12/2023 00:40	5.6	280	7	7.1	0.0		64
04/12/2023 00:50	5.8	280	6	8.1	0.0		64
04/12/2023 01:00	5.5	281	6	7.7	0.0		64
04/12/2023 01:10	5.2	284	9	7.3	0.0		64
04/12/2023 01:20	5.8	273	6	7.7	0.0		64
04/12/2023 01:30	5.2	278	7	7.2	0.0		64
04/12/2023 01:40	4.7	277	7	6.5	0.0		64
04/12/2023 01:50	5.2	275	8	7.5	0.0		63
04/12/2023 02:00	5.1	270	8	7.5	0.0		63
04/12/2023 02:10	5.7	269	6	7.2	0.0		63
04/12/2023 02:20	4.7	267	7	7.1	0.0		63
04/12/2023 02:30	4.9	272	8	6.9	0.0		63
04/12/2023 02:40	4.6	280	8	6.2	0.0		63
04/12/2023 02:50	5.6	276	6	7.0	0.0		63
04/12/2023 03:00	5.3	277	5	6.9	0.0		63
04/12/2023 03:10	5.0	280	7	6.5	0.0		63
04/12/2023 03:20	4.9	278	7	7.0	0.0		63
04/12/2023 03:30	5.5	279	8	7.4	0.0		63
04/12/2023 03:40	5.9	280	6	7.3	0.0		63
04/12/2023 03:50	4.6	284	10	6.3	0.0		63
04/12/2023 04:00	5.2	275	7	7.0	0.0		63
04/12/2023 04:10	5.2	270	6	6.9	0.0		63
04/12/2023 04:20	4.6	278	9	6.8	0.0		63
04/12/2023 04:30	5.3	276	8	7.0	0.0		62
04/12/2023 04:40	3.3	278	9	5.4	0.0		62
04/12/2023 04:50	4.1	287	11	6.2	0.0		62
04/12/2023 05:00	3.4	285	10	4.9	0.0		62
04/12/2023 05:10	3.9	285	8	5.1	0.0		62
04/12/2023 05:20	3.4	273	7	5.3	0.0		62
04/12/2023 05:30	3.4	280	10	5.3	0.0		62
04/12/2023 05:40	3.2	274	10	4.4	0.0		62
04/12/2023 05:50	3.3	274	12	4.7	0.0		62
04/12/2023 06:00	2.7	286	11	3.6	0.0		62
04/12/2023 06:10	2.5	272	11	3.9	0.0		62
04/12/2023 06:20	2.9	265	8	3.6	0.0		62
04/12/2023 06:30	2.0	285	11	3.7	0.0		63
04/12/2023 06:40	2.3	282	9	3.3	0.0		63
04/12/2023 06:50	2.4	294	12	3.6	0.0		63
04/12/2023 07:00	1.9	299	17	3.2	0.0		63
04/12/2023 07:10	1.8	290	19	2.8	0.0		63
04/12/2023 07:20	2.2	302	14	3.0	0.0		63
04/12/2023 07:30	2.5	327	15	3.6	0.0		64
04/12/2023 07:40	2.2	322	18	3.7	0.0		64
04/12/2023 07:50	2.0	332	12	3.2	0.0		64
04/12/2023 08:00	2.6	342	13	3.7	0.0		64
04/12/2023 08:10	2.5	343	17	3.9	0.0		64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/12/2023 08:20	2.6	184	16	4.1	0.0		63
04/12/2023 08:30	2.9	179	16	4.4	0.0		64
04/12/2023 08:40	3.0	172	18	5.1	0.0		64
04/12/2023 08:50	3.5	350	13	4.6	0.0		64
04/12/2023 09:00	3.7	3	12	5.7	0.0		64
04/12/2023 09:10	3.7	336	19	5.4	0.0		64
04/12/2023 09:20	3.4	318	18	5.2	0.0		64
04/12/2023 09:30	3.6	332	15	5.9	0.0		64
04/12/2023 09:40	4.4	319	15	7.1	0.0		64
04/12/2023 09:50	5.0	328	12	6.8	0.0		64
04/12/2023 10:00	5.4	338	12	7.0	0.0		64
04/12/2023 10:10	5.0	327	14	7.3	0.0		65
04/12/2023 10:20	4.9	325	16	8.0	0.0		64
04/12/2023 10:30	4.4	323	17	7.1	0.0		64
04/12/2023 10:40	4.7	324	14	7.1	0.0		65
04/12/2023 10:50	3.9	320	25	8.5	0.0		64
04/12/2023 11:00	4.1	326	18	6.1	0.0		64
04/12/2023 11:10	4.2	316	19	6.8	0.0		63
04/12/2023 11:20	5.0	314	13	6.9	0.0		64
04/12/2023 11:30	5.2	329	14	7.8	0.0		64
04/12/2023 11:40	4.5	323	18	7.7	0.0		65
04/12/2023 11:50	4.6	319	15	7.1	0.0		64
04/12/2023 12:00	4.5	332	14	7.0	0.0		64
04/12/2023 12:10	5.0	330	16	7.4	0.0		63
04/12/2023 12:20	5.5	328	12	8.7	0.0		64
04/12/2023 12:30	5.3	327	13	7.1	0.0		64
04/12/2023 12:40	5.6	327	15	7.8	0.0		64
04/12/2023 12:50	5.3	327	18	7.5	0.0		64
04/12/2023 13:00	5.0	320	13	8.2	0.0		64
04/12/2023 13:10	4.8	323	11	7.7	0.0		64
04/12/2023 13:20	4.8	337	19	7.9	0.0		64
04/12/2023 13:30	5.0	318	16	7.3	0.0		64
04/12/2023 13:40	5.4	321	15	8.4	0.0		64
04/12/2023 13:50	4.8	321	20	7.1	0.0		64
04/12/2023 14:00	5.3	330	16	7.8	0.0		64
04/12/2023 14:10	5.5	318	18	8.4	0.0		65
04/12/2023 14:20	5.8	328	9	8.5	0.0		65
04/12/2023 14:30	5.7	324	15	8.1	0.0		64
04/12/2023 14:40	6.5	332	10	8.7	0.0		65
04/12/2023 14:50	5.8	333	11	8.6	0.0		64
04/12/2023 15:00	5.7	330	14	7.8	0.0		65
04/12/2023 15:10	5.5	330	11	7.8	0.0		65
04/12/2023 15:20	5.9	311	17	8.6	0.0		65
04/12/2023 15:30	5.8	302	14	9.6	0.0		65
04/12/2023 15:40	6.5	301	12	10.4	0.0		65
04/12/2023 15:50	7.3	303	12	9.9	0.0		66
04/12/2023 16:00	7.3	305	10	9.7	0.0		65
04/12/2023 16:10	6.7	308	14	9.2	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
04/12/2023 16:20	6.4	316	14	10.5	0.0		65
04/12/2023 16:30	7.6	310	8	10.2	0.0		66
04/12/2023 16:40	7.4	309	9	10.5	0.0		66
04/12/2023 16:50	5.6	309	13	8.7	0.0		66
04/12/2023 17:00	6.4	307	13	9.5	0.0		66
04/12/2023 17:10	6.9	313	13	10.3	0.0		66
04/12/2023 17:20	5.4	312	15	8.3	0.0		66
04/12/2023 17:30	5.6	304	15	8.4	0.0		66
04/12/2023 17:40	6.2	309	12	9.6	0.0		66
04/12/2023 17:50	7.1	309	10	10.0	0.0		66
04/12/2023 18:00	7.6	309	9	10.1	0.0		66
04/12/2023 18:10	7.5	312	8	9.7	0.0		66
04/12/2023 18:20	7.1	301	9	9.9	0.0		66
04/12/2023 18:30	5.3	300	12	8.2	0.0		65
04/12/2023 18:40	6.2	300	11	8.6	0.0		65
04/12/2023 18:50	6.1	287	8	7.8	0.0		65
04/12/2023 19:00	6.5	279	8	8.3	0.0		65
04/12/2023 19:10	5.8	268	9	7.5	0.0		64
04/12/2023 19:20	6.2	271	6	8.2	0.0		64
04/12/2023 19:30	6.1	277	7	8.0	0.0		64
04/12/2023 19:40	5.6	278	7	7.4	0.0		64
04/12/2023 19:50	6.1	287	6	8.0	0.0		64
04/12/2023 20:00	4.1	292	10	6.3	0.0		64
04/12/2023 20:10	4.7	285	8	6.3	0.0		64
04/12/2023 20:20	5.8	288	7	7.2	0.0		63
04/12/2023 20:30	5.9	280	7	7.9	0.0		63
04/12/2023 20:40	7.0	278	5	8.5	0.0		63
04/12/2023 20:50	6.7	279	7	8.4	0.0		63
04/12/2023 21:00	7.0	273	6	8.9	0.0		63
04/12/2023 21:10	7.0	278	6	8.8	0.0		63
04/12/2023 21:20	6.8	277	6	9.2	0.0		63
04/12/2023 21:30	7.4	272	7	9.4	0.0		63
04/12/2023 21:40	7.1	277	5	9.8	0.0		63
04/12/2023 21:50	6.9	273	8	8.8	0.0		63
04/12/2023 22:00	6.4	270	7	8.7	0.0		63
04/12/2023 22:10	6.8	265	7	8.7	0.0		63
04/12/2023 22:20	6.4	267	7	8.2	0.0		63
04/12/2023 22:30	6.3	268	6	8.2	0.0		63
04/12/2023 22:40	4.9	270	7	6.6	0.0		63
04/12/2023 22:50	5.4	274	6	6.8	0.0		63
04/12/2023 23:00	5.4	266	7	7.4	0.0		63
04/12/2023 23:10	5.5	266	8	7.3	0.0		63
04/12/2023 23:20	6.8	265	6	8.8	0.0		63
04/12/2023 23:30	6.3	262	5	8.1	0.0		63
04/12/2023 23:40	6.6	261	5	8.9	0.0		63
04/12/2023 23:50	7.2	261	5	9.0	0.0		63
05/12/2023 00:00	6.3	258	5	8.2	0.0		63
05/12/2023 00:10	6.3	256	5	8.1	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/12/2023 00:20	6.2	255	7	8.2	0.0		63
05/12/2023 00:30	5.8	256	6	7.6	0.0		63
05/12/2023 00:40	5.2	256	6	6.5	0.0		63
05/12/2023 00:50	4.9	255	6	6.3	0.0		63
05/12/2023 01:00	4.2	256	5	5.5	0.0		63
05/12/2023 01:10	2.9	264	21	4.3	0.0		63
05/12/2023 01:20	3.1	59	12	4.7	0.0		63
05/12/2023 01:30	1.5	41	10	2.5	0.0		63
05/12/2023 01:40	1.7	171	19	2.7	0.0		63
05/12/2023 01:50	2.2	296	19	3.2	0.0		63
05/12/2023 02:00	1.8	188	22	2.8	0.0		63
05/12/2023 02:10	2.9	278	6	4.0	0.0		63
05/12/2023 02:20	1.8	266	12	2.8	0.0		63
05/12/2023 02:30	3.2	278	6	4.3	0.0		62
05/12/2023 02:40	3.2	273	7	3.9	0.0		62
05/12/2023 02:50	3.1	280	7	4.6	0.0		62
05/12/2023 03:00	3.0	281	7	4.5	0.0		62
05/12/2023 03:10	5.3	272	6	6.5	0.0		62
05/12/2023 03:20	3.5	285	8	5.0	0.0		62
05/12/2023 03:30	4.5	274	6	5.9	0.0		62
05/12/2023 03:40	4.6	276	6	5.8	0.0		62
05/12/2023 03:50	4.6	280	6	6.2	0.0		62
05/12/2023 04:00	5.0	277	5	6.3	0.0		62
05/12/2023 04:10	4.9	274	6	6.8	0.0		62
05/12/2023 04:20	3.8	279	6	5.2	0.0		62
05/12/2023 04:30	1.7	164	52	3.3	0.0		62
05/12/2023 04:40	2.5	169	19	3.2	0.0		61
05/12/2023 04:50	3.3	280	8	4.6	0.0		61
05/12/2023 05:00	2.1	193	45	3.5	0.0		61
05/12/2023 05:10	2.1	330	27	3.4	0.0		61
05/12/2023 05:20	1.7	193	18	2.7	0.0		61
05/12/2023 05:30	2.4	313	31	3.7	0.0		61
05/12/2023 05:40	2.8	188	22	4.5	0.0		61
05/12/2023 05:50	3.4	306	28	5.0	0.0		61
05/12/2023 06:00	3.2	202	24	5.0	0.0		60
05/12/2023 06:10	3.1	315	33	5.4	0.0		60
05/12/2023 06:20	2.5	165	24	3.9	0.0		60
05/12/2023 06:30	3.2	300	21	5.2	0.0		60
05/12/2023 06:40	1.6	174	36	2.6	0.0		60
05/12/2023 06:50	2.7	289	11	3.9	0.0		61
05/12/2023 07:00	4.1	287	9	5.5	0.0		62
05/12/2023 07:10	3.9	272	11	5.3	0.0		62
05/12/2023 07:20	4.4	275	8	6.0	0.0		62
05/12/2023 07:30	3.1	280	18	4.8	0.0		63
05/12/2023 07:40	3.5	265	14	5.2	0.0		63
05/12/2023 07:50	3.4	280	18	4.8	0.0		63
05/12/2023 08:00	3.4	278	16	4.9	0.0		63
05/12/2023 08:10	3.7	301	14	5.8	0.0		64



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/12/2023 08:20	3.7	303	15	5.4	0.0		64
05/12/2023 08:30	4.3	293	13	6.2	0.0		64
05/12/2023 08:40	4.5	296	12	6.1	0.0		64
05/12/2023 08:50	4.6	295	19	6.8	0.0		64
05/12/2023 09:00	3.9	298	19	5.2	0.0		64
05/12/2023 09:10	3.3	287	17	5.3	0.0		64
05/12/2023 09:20	3.8	308	20	5.5	0.0		64
05/12/2023 09:30	3.9	290	17	5.8	0.0		64
05/12/2023 09:40	4.5	296	16	7.0	0.0		64
05/12/2023 09:50	5.7	290	13	8.4	0.0		64
05/12/2023 10:00	5.4	294	13	7.8	0.0		64
05/12/2023 10:10	5.6	282	10	8.1	0.0		63
05/12/2023 10:20	6.5	283	10	8.4	0.0		64
05/12/2023 10:30	6.6	285	8	8.6	0.0		64
05/12/2023 10:40	7.0	283	9	9.8	0.0		63
05/12/2023 10:50	6.1	286	9	8.8	0.0		64
05/12/2023 11:00	5.4	286	9	7.7	0.0		64
05/12/2023 11:10	5.0	289	16	7.0	0.0		63
05/12/2023 11:20	5.1	304	14	7.5	0.0		63
05/12/2023 11:30	5.7	295	10	8.7	0.0		63
05/12/2023 11:40	6.9	288	9	9.3	0.0		63
05/12/2023 11:50	7.2	289	7	9.0	0.0		62
05/12/2023 12:00	7.0	287	7	9.1	0.0		64
05/12/2023 12:10	7.2	280	7	9.1	0.0		63
05/12/2023 12:20	6.5	285	8	8.6	0.0		63
05/12/2023 12:30	6.2	282	7	8.1	0.0		63
05/12/2023 12:40	6.6	280	7	8.2	0.0		63
05/12/2023 12:50	6.3	290	8	8.1	0.0		64
05/12/2023 13:00	6.3	286	8	8.2	0.0		64
05/12/2023 13:10	6.2	283	8	8.5	0.0		64
05/12/2023 13:20	6.9	279	6	9.3	0.0		64
05/12/2023 13:30	7.2	283	6	8.9	0.0		64
05/12/2023 13:40	7.1	286	7	8.9	0.0		64
05/12/2023 13:50	7.0	288	10	9.2	0.0		64
05/12/2023 14:00	7.8	277	10	10.7	0.0		64
05/12/2023 14:10	7.5	275	9	9.7	0.0		65
05/12/2023 14:20	7.3	274	9	9.6	0.0		65
05/12/2023 14:30	7.3	268	9	9.7	0.0		64
05/12/2023 14:40	7.4	267	7	9.5	0.0		63
05/12/2023 14:50	7.2	269	8	9.5	0.0		62
05/12/2023 15:00	7.9	276	7	10.0	0.0		62
05/12/2023 15:10	7.6	274	8	9.4	0.0		62
05/12/2023 15:20	8.1	276	7	10.1	0.0		63
05/12/2023 15:30	8.1	268	7	10.0	0.0		62
05/12/2023 15:40	6.9	273	8	9.0	0.0		59
05/12/2023 15:50	7.2	277	6	9.1	0.0		58
05/12/2023 16:00	6.9	275	8	8.8	0.0		60
05/12/2023 16:10	6.9	276	7	8.9	0.0		60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
05/12/2023 16:20	6.4	274	8	8.4	0.0		57
05/12/2023 16:30	6.5	271	8	8.1	0.0		59
05/12/2023 16:40	6.1	269	5	7.5	0.0		59
05/12/2023 16:50	5.5	274	7	7.1	0.0		56
05/12/2023 17:00	5.0	277	8	6.3	0.0		60
05/12/2023 17:10	4.6	287	9	6.4	0.0		61
05/12/2023 17:20	5.2	289	7	6.8	0.0		61
05/12/2023 17:30	5.2	299	7	6.4	0.0		63
05/12/2023 17:40	5.6	298	4	6.5	0.0		64
05/12/2023 17:50	4.9	295	6	6.0	0.0		65
05/12/2023 18:00	4.9	281	6	5.9	0.0		65
05/12/2023 18:10	4.6	282	7	5.8	0.0		65
05/12/2023 18:20	4.4	281	7	5.4	0.0		65
05/12/2023 18:30	3.8	294	10	5.1	0.0		66
05/12/2023 18:40	3.7	299	10	5.5	0.0		66
05/12/2023 18:50	3.6	302	10	5.4	0.0		66
05/12/2023 19:00	4.4	303	10	6.4	0.0		66
05/12/2023 19:10	3.5	300	11	4.9	0.0		66
05/12/2023 19:20	4.6	301	8	6.3	0.0		65
05/12/2023 19:30	5.4	291	6	6.6	0.0		65
05/12/2023 19:40	5.8	290	5	7.3	0.0		65
05/12/2023 19:50	6.2	285	5	7.9	0.0		65
05/12/2023 20:00	5.9	288	6	7.6	0.0		64
05/12/2023 20:10	6.1	285	6	7.9	0.0		64
05/12/2023 20:20	6.4	283	6	8.1	0.0		64
05/12/2023 20:30	6.5	282	5	8.3	0.0		65
05/12/2023 20:40	5.7	286	6	7.8	0.0		65
05/12/2023 20:50	5.3	286	7	7.3	0.0		65
05/12/2023 21:00	5.2	285	7	6.9	0.0		65
05/12/2023 21:10	5.7	281	6	6.9	0.0		64
05/12/2023 21:20	4.2	288	8	5.8	0.0		64
05/12/2023 21:30	4.2	288	6	5.4	0.0		63
05/12/2023 21:40	5.4	286	5	6.8	0.0		64
05/12/2023 21:50	5.2	289	6	6.9	0.0		64
05/12/2023 22:00	5.5	288	5	7.1	0.0		64
05/12/2023 22:10	5.5	292	5	7.0	0.0		64
05/12/2023 22:20	6.1	289	5	8.1	0.0		63
05/12/2023 22:30	6.0	290	7	7.7	0.0		63
05/12/2023 22:40	6.2	294	6	7.8	0.0		62
05/12/2023 22:50	6.2	294	6	8.5	0.0		62
05/12/2023 23:00	5.7	292	7	7.8	0.0		61
05/12/2023 23:10	5.4	282	7	7.6	0.0		61
05/12/2023 23:20	5.4	287	6	7.3	0.0		61
05/12/2023 23:30	5.6	283	7	7.3	0.0		61
05/12/2023 23:40	5.4	283	8	7.8	0.0		61
05/12/2023 23:50	5.2	285	7	6.6	0.0		61
06/12/2023 00:00	5.3	288	7	7.2	0.0		61
06/12/2023 00:10	5.5	287	8	7.2	0.0		61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/12/2023 00:20	5.1	283	8	7.3	0.0		61
06/12/2023 00:30	4.8	284	7	6.9	0.0		61
06/12/2023 00:40	3.6	280	9	5.2	0.0		61
06/12/2023 00:50	3.7	275	6	5.1	0.0		61
06/12/2023 01:00	4.8	274	8	6.8	0.0		60
06/12/2023 01:10	6.2	274	5	7.5	0.0		60
06/12/2023 01:20	6.4	281	5	7.9	0.0		60
06/12/2023 01:30	5.8	279	4	7.7	0.0		60
06/12/2023 01:40	5.7	284	6	7.6	0.0		60
06/12/2023 01:50	6.3	283	6	8.0	0.0		60
06/12/2023 02:00	5.9	279	6	8.3	0.0		60
06/12/2023 02:10	6.7	277	6	8.5	0.0		60
06/12/2023 02:20	6.4	279	6	8.3	0.0		60
06/12/2023 02:30	5.3	274	8	7.4	0.0		60
06/12/2023 02:40	4.9	271	9	7.2	0.0		60
06/12/2023 02:50	5.3	269	8	7.3	0.0		59
06/12/2023 03:00	6.6	268	6	8.7	0.0		59
06/12/2023 03:10	6.9	268	6	9.4	0.0		59
06/12/2023 03:20	7.0	265	6	9.2	0.0		59
06/12/2023 03:30	6.6	266	6	8.2	0.0		59
06/12/2023 03:40	6.6	266	5	8.4	0.0		59
06/12/2023 03:50	6.2	264	6	7.7	0.0		59
06/12/2023 04:00	5.0	264	7	7.4	0.0		59
06/12/2023 04:10	6.0	253	6	7.8	0.0		59
06/12/2023 04:20	4.7	245	12	7.0	0.0		59
06/12/2023 04:30	3.5	279	7	4.6	0.0		59
06/12/2023 04:40	2.4	258	14	3.5	0.0		59
06/12/2023 04:50	1.2	174	20	2.0	0.0		59
06/12/2023 05:00	3.0	251	11	4.6	0.0		59
06/12/2023 05:10	2.4	280	39	3.4	0.0		60
06/12/2023 05:20	0.7	168	42	1.6	0.0		60
06/12/2023 05:30	0.6	270	50	1.3	0.0		60
06/12/2023 05:40	0.7	174	63	1.4	0.0		60
06/12/2023 05:50	1.0	93	32	1.6	0.0		60
06/12/2023 06:00	1.4	15	22	2.4	0.0		60
06/12/2023 06:10	1.5	69	22	2.2	0.0		60
06/12/2023 06:20	1.3	188	15	1.8	0.0		59
06/12/2023 06:30	1.0	46	23	1.7	0.0		59
06/12/2023 06:40	0.7	166	27	1.4	0.0		59
06/12/2023 06:50	1.2	269	25	2.1	0.0		61
06/12/2023 07:00	2.0	293	13	3.2	0.0		62
06/12/2023 07:10	1.4	259	22	2.0	0.0		63
06/12/2023 07:20	1.7	264	18	2.3	0.0		63
06/12/2023 07:30	2.1	283	15	3.0	0.0		63
06/12/2023 07:40	2.5	273	15	3.7	0.0		63
06/12/2023 07:50	2.0	258	15	3.3	0.0		62
06/12/2023 08:00	2.2	251	12	3.3	0.0		63
06/12/2023 08:10	1.9	278	15	2.9	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/12/2023 08:20	2.3	286	12	3.2	0.0		63
06/12/2023 08:30	2.9	288	17	4.2	0.0		62
06/12/2023 08:40	2.2	301	18	3.5	0.0		62
06/12/2023 08:50	1.8	162	29	3.0	0.0		60
06/12/2023 09:00	1.0	53	40	2.1	0.0		58
06/12/2023 09:10	1.6	249	63	3.4	0.0		58
06/12/2023 09:20	2.5	100	26	4.7	0.0		61
06/12/2023 09:30	2.1	217	24	3.5	0.0		60
06/12/2023 09:40	1.3	191	50	2.6	0.0		58
06/12/2023 09:50	2.1	179	42	4.5	0.0		60
06/12/2023 10:00	2.7	182	25	4.6	0.0		60
06/12/2023 10:10	3.1	344	15	4.4	0.0		60
06/12/2023 10:20	3.0	13	25	4.6	0.0		59
06/12/2023 10:30	3.7	46	25	8.4	0.0		59
06/12/2023 10:40	3.2	5	18	4.7	0.0		59
06/12/2023 10:50	3.6	352	24	5.2	0.0		60
06/12/2023 11:00	3.8	329	13	5.4	0.0		61
06/12/2023 11:10	3.1	189	19	4.4	0.0		59
06/12/2023 11:20	3.4	19	13	4.7	0.0		58
06/12/2023 11:30	3.7	17	12	5.7	0.0		58
06/12/2023 11:40	3.7	27	13	5.3	0.0		57
06/12/2023 11:50	4.2	338	23	5.8	0.0		60
06/12/2023 12:00	4.4	328	17	6.1	0.0		62
06/12/2023 12:10	4.2	323	13	5.6	0.0		63
06/12/2023 12:20	3.6	324	16	5.5	0.0		62
06/12/2023 12:30	3.4	320	12	5.2	0.0		60
06/12/2023 12:40	3.5	334	19	5.1	0.0		58
06/12/2023 12:50	2.8	343	26	5.0	0.0		55
06/12/2023 13:00	3.0	164	19	5.2	0.0		55
06/12/2023 13:10	2.6	345	25	4.5	0.0		54
06/12/2023 13:20	2.9	333	15	5.0	0.0		54
06/12/2023 13:30	3.9	325	15	5.8	0.0		56
06/12/2023 13:40	4.2	315	15	6.3	0.0		58
06/12/2023 13:50	4.4	303	10	6.5	0.0		58
06/12/2023 14:00	4.1	310	11	5.6	0.0		56
06/12/2023 14:10	4.4	320	13	6.1	0.0		59
06/12/2023 14:20	4.5	308	13	6.0	0.0		58
06/12/2023 14:30	4.0	307	14	5.4	0.0		54
06/12/2023 14:40	4.3	296	13	5.8	0.0		56
06/12/2023 14:50	4.8	303	10	6.6	0.0		56
06/12/2023 15:00	4.9	305	12	7.1	0.0		56
06/12/2023 15:10	5.4	301	9	7.3	0.0		54
06/12/2023 15:20	4.7	318	11	6.5	0.0		54
06/12/2023 15:30	4.8	316	11	6.4	0.0		52
06/12/2023 15:40	5.4	322	10	7.1	0.0		49
06/12/2023 15:50	5.4	328	10	7.8	0.0		44
06/12/2023 16:00	4.9	333	8	6.7	0.0		44
06/12/2023 16:10	4.3	322	13	6.6	0.0		43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
06/12/2023 16:20	4.8	326	10	6.7	0.0		47
06/12/2023 16:30	5.1	329	11	6.5	0.0		51
06/12/2023 16:40	5.7	327	7	7.1	0.0		51
06/12/2023 16:50	5.6	327	8	7.5	0.0		51
06/12/2023 17:00	5.9	323	8	7.7	0.0		49
06/12/2023 17:10	5.8	323	9	7.7	0.0		49
06/12/2023 17:20	5.1	318	13	6.7	0.0		46
06/12/2023 17:30	4.5	311	11	6.5	0.0		52
06/12/2023 17:40	4.4	303	10	6.6	0.0		56
06/12/2023 17:50	4.8	296	10	6.8	0.0		53
06/12/2023 18:00	4.5	306	12	6.5	0.0		51
06/12/2023 18:10	4.3	293	10	5.9	0.0		53
06/12/2023 18:20	4.3	297	8	5.8	0.0		57
06/12/2023 18:30	5.2	288	8	6.9	0.0		61
06/12/2023 18:40	5.5	288	6	6.9	0.0		66
06/12/2023 18:50	4.9	295	8	6.2	0.0		67
06/12/2023 19:00	4.2	295	9	5.3	0.0		66
06/12/2023 19:10	3.7	295	9	4.8	0.0		66
06/12/2023 19:20	3.6	308	10	5.1	0.0		65
06/12/2023 19:30	4.7	313	6	6.4	0.0		66
06/12/2023 19:40	4.9	315	6	6.4	0.0		66
06/12/2023 19:50	4.2	307	8	5.7	0.0		63
06/12/2023 20:00	3.6	302	10	5.0	0.0		62
06/12/2023 20:10	4.0	315	7	5.4	0.0		65
06/12/2023 20:20	4.8	330	7	6.2	0.0		67
06/12/2023 20:30	5.4	338	6	7.1	0.0		67
06/12/2023 20:40	5.3	328	8	6.8	0.0		66
06/12/2023 20:50	5.2	317	9	6.9	0.0		66
06/12/2023 21:00	4.7	302	11	6.4	0.0		66
06/12/2023 21:10	3.9	303	10	5.5	0.0		65
06/12/2023 21:20	4.0	306	11	5.5	0.0		65
06/12/2023 21:30	3.7	319	12	5.6	0.0		65
06/12/2023 21:40	4.8	331	8	6.9	0.0		65
06/12/2023 21:50	5.0	332	8	6.3	0.0		65
06/12/2023 22:00	5.2	341	7	7.0	0.0		65
06/12/2023 22:10	4.6	351	9	6.4	0.0		64
06/12/2023 22:20	5.7	341	6	7.6	0.0		64
06/12/2023 22:30	6.1	330	8	8.8	0.0		64
06/12/2023 22:40	5.0	326	9	7.5	0.0		63
06/12/2023 22:50	5.0	322	6	6.8	0.0		62
06/12/2023 23:00	5.7	322	6	7.1	0.0		62
06/12/2023 23:10	4.8	321	8	6.7	0.0		62
06/12/2023 23:20	3.5	321	11	5.0	0.0		62
06/12/2023 23:30	3.9	318	12	6.0	0.0		63
06/12/2023 23:40	3.8	311	11	6.0	0.0		63
06/12/2023 23:50	3.4	310	11	5.3	0.0		63
07/12/2023 00:00	3.0	306	10	4.4	0.0		63
07/12/2023 00:10	3.2	316	10	4.6	0.0		63



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/12/2023 00:20	3.1	324	10	4.6	0.0		63
07/12/2023 00:30	2.9	329	10	4.6	0.0		63
07/12/2023 00:40	3.7	329	9	5.1	0.0		64
07/12/2023 00:50	3.2	333	10	5.1	0.0		64
07/12/2023 01:00	3.0	328	13	4.5	0.0		64
07/12/2023 01:10	2.8	329	11	4.4	0.0		64
07/12/2023 01:20	2.7	330	11	4.6	0.0		64
07/12/2023 01:30	3.3	323	12	5.0	0.0		64
07/12/2023 01:40	2.6	313	11	4.2	0.0		64
07/12/2023 01:50	2.5	314	8	3.6	0.0		64
07/12/2023 02:00	2.5	298	10	3.6	0.0		64
07/12/2023 02:10	2.0	293	10	2.9	0.0		64
07/12/2023 02:20	1.5	303	11	2.1	0.0		65
07/12/2023 02:30	2.2	299	8	2.9	0.0		65
07/12/2023 02:40	1.9	289	7	2.5	0.0		65
07/12/2023 02:50	1.8	284	6	2.4	0.0		65
07/12/2023 03:00	1.7	285	5	2.1	0.0		65
07/12/2023 03:10	2.2	279	3	2.5	0.0		65
07/12/2023 03:20	1.4	270	8	1.8	0.0		64
07/12/2023 03:30	0.8	236	17	1.4	0.0		64
07/12/2023 03:40	1.9	264	3	2.2	0.0		64
07/12/2023 03:50	2.1	264	4	2.6	0.0		64
07/12/2023 04:00	1.8	270	6	2.3	0.0		64
07/12/2023 04:10	2.3	264	7	2.9	0.0		64
07/12/2023 04:20	2.6	264	4	3.2	0.0		64
07/12/2023 04:30	1.4	263	31	2.1	0.0		64
07/12/2023 04:40	1.0	278	20	1.5	0.0		63
07/12/2023 04:50	1.1	269	18	1.6	0.0		63
07/12/2023 05:00	1.2	241	15	1.7	0.0		64
07/12/2023 05:10	0.8	228	34	1.3	0.0		64
07/12/2023 05:20	0.9	229	45	1.4	0.0		63
07/12/2023 05:30	0.4	231	68	1.0	0.0		63
07/12/2023 05:40	1.5	262	14	2.1	0.0		63
07/12/2023 05:50	2.1	268	6	2.7	0.0		63
07/12/2023 06:00	1.3	270	12	1.9	0.0		63
07/12/2023 06:10	2.2	270	7	3.0	0.0		63
07/12/2023 06:20	3.2	258	7	4.0	0.0		63
07/12/2023 06:30	3.6	261	6	4.2	0.0		57
07/12/2023 06:40	3.3	265	5	4.2	0.0		52
07/12/2023 06:50	2.2	258	11	3.2	0.0		48
07/12/2023 07:00	2.4	263	13	3.6	0.0		45
07/12/2023 07:10	2.9	252	11	4.4	0.0		40
07/12/2023 07:20	3.1	247	12	4.4	0.0		35
07/12/2023 07:30	3.2	221	13	4.4	0.0		32
07/12/2023 07:40	3.7	205	10	5.1	0.0		33
07/12/2023 07:50	3.5	204	11	5.0	0.0		34
07/12/2023 08:00	3.7	191	11	5.8	0.0		40
07/12/2023 08:10	3.7	197	10	5.2	0.0		43



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/12/2023 08:20	4.1	200	9	5.8	0.0		39
07/12/2023 08:30	4.6	209	11	7.0	0.0		31
07/12/2023 08:40	5.1	209	11	7.1	0.0		26
07/12/2023 08:50	4.9	212	11	6.6	0.0		23
07/12/2023 09:00	4.9	205	9	6.4	0.0		20
07/12/2023 09:10	4.4	197	10	6.2	0.0		18
07/12/2023 09:20	4.8	205	11	6.6	0.0		15
07/12/2023 09:30	5.9	201	11	8.5	0.0		13
07/12/2023 09:40	6.8	203	11	9.3	0.0		12
07/12/2023 09:50	5.9	189	18	8.8	0.0		12
07/12/2023 10:00	3.8	163	26	6.2	0.0		21
07/12/2023 10:10	3.6	159	21	6.6	0.0		19
07/12/2023 10:20	2.7	158	28	4.9	0.0		18
07/12/2023 10:30	3.5	186	18	7.0	0.0		15
07/12/2023 10:40	4.7	187	19	9.2	0.0		12
07/12/2023 10:50	3.8	194	17	6.8	0.0		11
07/12/2023 11:00	2.4	169	40	4.4	0.0		16
07/12/2023 11:10	2.9	164	25	5.0	0.0		15
07/12/2023 11:20	3.2	179	35	6.2	0.0		13
07/12/2023 11:30	3.7	188	23	6.9	0.0		13
07/12/2023 11:40	3.0	142	21	4.8	0.0		13
07/12/2023 11:50	2.6	157	30	4.5	0.0		12
07/12/2023 12:00	3.4	264	15	5.9	0.0		17
07/12/2023 12:10	5.5	275	7	8.0	0.0		24
07/12/2023 12:20	5.5	273	9	7.7	0.0		27
07/12/2023 12:30	6.0	265	6	7.6	0.0		32
07/12/2023 12:40	6.0	275	8	7.5	0.0		36
07/12/2023 12:50	6.1	282	8	7.4	0.0		38
07/12/2023 13:00	5.9	277	8	7.6	0.0		40
07/12/2023 13:10	6.0	292	9	7.7	0.0		41
07/12/2023 13:20	5.4	285	9	6.9	0.0		42
07/12/2023 13:30	5.0	277	8	7.3	0.0		41
07/12/2023 13:40	3.5	325	17	5.2	0.0		42
07/12/2023 13:50	2.9	318	21	4.8	0.0		37
07/12/2023 14:00	3.0	305	32	5.3	0.0		40
07/12/2023 14:10	6.1	60	34	10.1	0.0		47
07/12/2023 14:20	8.1	58	10	10.9	0.0		54
07/12/2023 14:30	8.6	60	8	11.7	0.0		52
07/12/2023 14:40	7.4	59	10	11.2	0.0		52
07/12/2023 14:50	8.1	57	9	11.3	0.0		53
07/12/2023 15:00	7.8	54	10	10.5	0.0		56
07/12/2023 15:10	7.2	42	11	9.7	0.0		52
07/12/2023 15:20	8.3	54	11	12.2	0.0		55
07/12/2023 15:30	7.6	57	9	11.6	0.0		59
07/12/2023 15:40	8.0	56	7	11.3	0.0		61
07/12/2023 15:50	7.1	35	12	9.8	0.0		58
07/12/2023 16:00	6.3	25	13	9.4	0.0		55
07/12/2023 16:10	7.3	16	9	9.5	0.0		54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
07/12/2023 16:20	7.1	25	10	9.1	0.0		53
07/12/2023 16:30	7.0	12	9	8.8	0.0		55
07/12/2023 16:40	6.4	5	12	8.1	0.0		59
07/12/2023 16:50	6.3	4	10	7.9	0.0		58
07/12/2023 17:00	6.4	183	9	8.1	0.0		58
07/12/2023 17:10	6.6	179	7	8.8	0.0		57
07/12/2023 17:20	6.4	10	11	8.5	0.0		62
07/12/2023 17:30	6.6	15	7	8.4	0.0		66
07/12/2023 17:40	7.4	18	7	9.4	0.0		65
07/12/2023 17:50	7.7	21	6	9.9	0.0		64
07/12/2023 18:00	5.2	184	12	8.2	0.0		61
07/12/2023 18:10	6.0	179	10	8.0	0.0		57
07/12/2023 18:20	6.9	20	7	8.9	0.0		67
07/12/2023 18:30	5.8	16	7	7.4	0.0		68
07/12/2023 18:40	6.6	18	6	8.9	0.0		68
07/12/2023 18:50	5.3	6	9	7.4	0.0		66
07/12/2023 19:00	6.0	355	7	7.6	0.0		59
07/12/2023 19:10	5.6	181	9	7.6	0.0		57
07/12/2023 19:20	5.7	14	6	7.2	0.0		66
07/12/2023 19:30	5.5	17	7	6.9	0.0		66
07/12/2023 19:40	3.8	178	12	6.0	0.0		65
07/12/2023 19:50	3.8	347	12	5.4	0.0		64
07/12/2023 20:00	3.9	343	16	5.5	0.0		60
07/12/2023 20:10	4.9	332	9	6.4	0.0		57
07/12/2023 20:20	4.9	331	11	7.1	0.0		59
07/12/2023 20:30	4.3	323	11	6.6	0.0		57
07/12/2023 20:40	4.9	327	9	7.2	0.0		56
07/12/2023 20:50	5.4	334	8	7.6	0.0		60
07/12/2023 21:00	5.8	335	8	8.6	0.0		62
07/12/2023 21:10	5.3	325	8	7.5	0.0		60
07/12/2023 21:20	5.9	316	6	7.9	0.0		62
07/12/2023 21:30	5.2	316	8	7.5	0.0		62
07/12/2023 21:40	4.4	318	6	5.8	0.0		64
07/12/2023 21:50	4.7	305	8	6.7	0.0		58
07/12/2023 22:00	5.6	295	7	7.5	0.0		51
07/12/2023 22:10	5.6	290	7	7.6	0.0		54
07/12/2023 22:20	4.2	283	8	5.8	0.0		60
07/12/2023 22:30	3.6	278	6	4.9	0.0		62
07/12/2023 22:40	3.3	275	5	4.0	0.0		64
07/12/2023 22:50	2.9	270	6	3.6	0.0		65
07/12/2023 23:00	2.8	260	4	3.5	0.0		65
07/12/2023 23:10	3.2	268	5	4.0	0.0		62
07/12/2023 23:20	3.7	269	5	4.6	0.0		61
07/12/2023 23:30	2.5	239	15	4.1	0.0		60
07/12/2023 23:40	2.5	220	17	4.0	0.0		61
07/12/2023 23:50	1.9	214	12	2.7	0.0		62
08/12/2023 00:00	1.7	216	16	3.0	0.0		64
08/12/2023 00:10	2.3	203	14	3.4	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/12/2023 00:20	2.9	197	11	4.2	0.0		67
08/12/2023 00:30	2.9	181	14	4.2	0.0		69
08/12/2023 00:40	3.7	175	11	5.2	0.0		69
08/12/2023 00:50	4.0	177	10	5.6	0.0		69
08/12/2023 01:00	3.0	181	14	4.2	0.0		69
08/12/2023 01:10	2.7	175	12	3.9	0.0		68
08/12/2023 01:20	2.4	180	11	3.7	0.0		68
08/12/2023 01:30	3.2	179	11	4.6	0.0		68
08/12/2023 01:40	2.9	178	12	4.1	0.0		68
08/12/2023 01:50	2.4	176	14	3.8	0.0		68
08/12/2023 02:00	2.2	172	15	3.3	0.0		68
08/12/2023 02:10	2.0	175	12	3.0	0.0		68
08/12/2023 02:20	1.5	168	16	2.4	0.0		68
08/12/2023 02:30	2.6	200	8	3.6	0.0		68
08/12/2023 02:40	3.1	202	7	4.1	0.0		68
08/12/2023 02:50	1.6	179	31	2.9	0.0		68
08/12/2023 03:00	1.3	69	36	2.6	0.0		68
08/12/2023 03:10	1.3	159	38	2.6	0.0		68
08/12/2023 03:20	1.9	184	13	2.9	0.0		68
08/12/2023 03:30	2.1	173	11	3.1	0.0		68
08/12/2023 03:40	1.4	187	18	2.2	0.0		68
08/12/2023 03:50	1.0	243	26	2.0	0.0		68
08/12/2023 04:00	0.9	258	24	1.8	0.0		68
08/12/2023 04:10	0.9	227	33	1.7	0.0		68
08/12/2023 04:20	0.7	251	43	1.2	0.0		68
08/12/2023 04:30	0.7	166	34	1.2	0.0		68
08/12/2023 04:40	0.7	124	52	1.1	0.0		68
08/12/2023 04:50	0.8	283	21	1.2	0.0		69
08/12/2023 05:00	0.9	230	28	1.4	0.0		68
08/12/2023 05:10	1.0	221	19	1.5	0.0		68
08/12/2023 05:20	1.5	255	22	2.4	0.0		69
08/12/2023 05:30	3.5	271	5	4.2	0.0		68
08/12/2023 05:40	3.7	271	7	4.7	0.0		67
08/12/2023 05:50	3.5	275	7	4.2	0.0		65
08/12/2023 06:00	4.0	269	6	4.8	0.0		61
08/12/2023 06:10	3.9	264	6	4.6	0.0		54
08/12/2023 06:20	4.0	264	6	4.9	0.0		48
08/12/2023 06:30	4.1	263	6	5.2	0.0		44
08/12/2023 06:40	4.0	259	7	4.9	0.0		41
08/12/2023 06:50	3.6	258	8	5.5	0.0		40
08/12/2023 07:00	3.6	249	10	4.7	0.0		35
08/12/2023 07:10	4.8	238	9	6.3	0.0		29
08/12/2023 07:20	4.5	240	8	6.0	0.0		27
08/12/2023 07:30	4.3	240	11	6.3	0.0		27
08/12/2023 07:40	4.3	238	11	5.8	0.0		27
08/12/2023 07:50	3.9	244	10	5.7	0.0		26
08/12/2023 08:00	3.8	240	10	5.4	0.0		26
08/12/2023 08:10	3.4	231	15	4.6	0.0		25



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/12/2023 08:20	3.5	219	15	5.6	0.0		25
08/12/2023 08:30	3.8	213	12	5.6	0.0		24
08/12/2023 08:40	4.2	205	10	5.9	0.0		23
08/12/2023 08:50	4.4	198	11	6.4	0.0		20
08/12/2023 09:00	5.3	199	11	7.4	0.0		19
08/12/2023 09:10	5.2	198	10	7.5	0.0		19
08/12/2023 09:20	5.3	201	11	8.2	0.0		18
08/12/2023 09:30	4.8	200	16	7.9	0.0		18
08/12/2023 09:40	6.4	207	11	8.8	0.0		17
08/12/2023 09:50	5.9	206	12	8.3	0.0		17
08/12/2023 10:00	5.1	215	15	7.9	0.0		18
08/12/2023 10:10	4.8	207	14	8.5	0.0		17
08/12/2023 10:20	5.2	224	13	7.6	0.0		19
08/12/2023 10:30	5.1	213	17	7.8	0.0		17
08/12/2023 10:40	4.6	207	15	7.4	0.0		17
08/12/2023 10:50	4.4	249	24	7.6	0.0		22
08/12/2023 11:00	5.1	275	10	6.9	0.0		23
08/12/2023 11:10	5.8	280	10	8.2	0.0		23
08/12/2023 11:20	6.8	277	7	8.5	0.0		27
08/12/2023 11:30	7.6	278	6	9.5	0.0		27
08/12/2023 11:40	7.6	279	7	9.6	0.0		27
08/12/2023 11:50	8.2	279	6	10.3	0.0		26
08/12/2023 12:00	8.3	276	7	11.3	0.0		28
08/12/2023 12:10	8.4	277	7	10.2	0.0		31
08/12/2023 12:20	7.7	276	9	12.1	0.0		36
08/12/2023 12:30	7.9	278	7	10.9	0.0		34
08/12/2023 12:40	8.1	274	7	10.3	0.0		36
08/12/2023 12:50	8.4	274	7	10.4	0.0		37
08/12/2023 13:00	8.9	278	6	11.6	0.0		37
08/12/2023 13:10	8.4	278	7	10.7	0.0		36
08/12/2023 13:20	9.3	278	6	12.1	0.0		40
08/12/2023 13:30	9.2	275	7	12.5	0.0		41
08/12/2023 13:40	9.7	274	8	13.3	0.0		40
08/12/2023 13:50	9.2	272	7	11.8	0.0		41
08/12/2023 14:00	9.5	277	7	12.5	0.0		40
08/12/2023 14:10	10.3	279	6	13.3	0.0		43
08/12/2023 14:20	9.3	277	7	12.1	0.0		43
08/12/2023 14:30	9.4	275	8	11.9	0.0		42
08/12/2023 14:40	9.6	276	8	13.1	0.0		43
08/12/2023 14:50	10.1	272	8	13.8	0.0		45
08/12/2023 15:00	10.3	270	7	13.3	0.0		47
08/12/2023 15:10	10.7	276	7	13.7	0.0		45
08/12/2023 15:20	10.9	274	6	13.7	0.0		45
08/12/2023 15:30	11.4	272	7	15.3	0.0		45
08/12/2023 15:40	10.7	272	6	13.9	0.0		45
08/12/2023 15:50	10.5	271	8	14.1	0.0		45
08/12/2023 16:00	10.9	270	6	13.9	0.0		45
08/12/2023 16:10	10.6	271	7	14.0	0.0		45



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
08/12/2023 16:20	10.3	273	7	13.4	0.0		47
08/12/2023 16:30	10.9	272	6	14.3	0.0		49
08/12/2023 16:40	10.3	274	7	14.4	0.0		50
08/12/2023 16:50	9.9	271	7	14.0	0.0		49
08/12/2023 17:00	9.7	274	7	13.0	0.0		51
08/12/2023 17:10	9.8	269	6	13.1	0.0		53
08/12/2023 17:20	9.4	268	7	12.9	0.0		54
08/12/2023 17:30	9.6	267	7	12.6	0.0		54
08/12/2023 17:40	9.5	267	8	13.1	0.0		54
08/12/2023 17:50	9.4	265	6	12.6	0.0		55
08/12/2023 18:00	9.3	266	7	12.3	0.0		56
08/12/2023 18:10	8.5	266	7	11.5	0.0		56
08/12/2023 18:20	8.7	263	7	12.1	0.0		56
08/12/2023 18:30	8.7	263	7	10.9	0.0		55
08/12/2023 18:40	8.3	263	7	12.1	0.0		55
08/12/2023 18:50	8.5	263	7	11.9	0.0		55
08/12/2023 19:00	9.1	262	7	11.7	0.0		56
08/12/2023 19:10	8.9	260	6	11.8	0.0		56
08/12/2023 19:20	8.0	261	7	10.8	0.0		58
08/12/2023 19:30	8.8	262	6	11.0	0.0		58
08/12/2023 19:40	7.7	260	6	11.2	0.0		57
08/12/2023 19:50	8.1	259	6	11.4	0.0		57
08/12/2023 20:00	9.1	259	6	11.7	0.0		55
08/12/2023 20:10	9.3	259	6	12.3	0.1		55
08/12/2023 20:20	8.4	260	7	11.8	0.0		56
08/12/2023 20:30	8.2	260	6	10.4	0.0		57
08/12/2023 20:40	8.3	261	6	11.0	0.0		59
08/12/2023 20:50	8.8	260	7	11.4	0.0		57
08/12/2023 21:00	8.2	261	6	10.8	0.0		59
08/12/2023 21:10	8.0	259	7	10.7	0.0		60
08/12/2023 21:20	7.7	260	6	10.3	0.0		61
08/12/2023 21:30	8.3	259	6	11.1	0.0		62
08/12/2023 21:40	7.9	261	6	10.4	0.0		63
08/12/2023 21:50	7.9	261	6	10.1	0.0		63
08/12/2023 22:00	7.3	259	6	10.0	0.0		63
08/12/2023 22:10	6.8	258	7	9.0	0.0		62
08/12/2023 22:20	6.7	256	7	8.7	0.0		62
08/12/2023 22:30	6.4	257	6	9.0	0.0		60
08/12/2023 22:40	6.2	258	7	8.0	0.0		58
08/12/2023 22:50	6.3	259	6	8.2	0.0		58
08/12/2023 23:00	6.2	257	7	8.0	0.0		57
08/12/2023 23:10	6.8	263	6	8.4	0.0		56
08/12/2023 23:20	5.7	255	7	7.5	0.0		56
08/12/2023 23:30	6.2	258	8	8.3	0.0		54
08/12/2023 23:40	5.7	258	7	7.9	0.0		54
08/12/2023 23:50	6.2	259	6	8.3	0.0		52
09/12/2023 00:00	5.9	254	7	8.3	0.0		50
09/12/2023 00:10	6.3	256	5	8.5	0.0		49



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/12/2023 00:20	6.3	256	6	8.6	0.0		49
09/12/2023 00:30	6.0	254	6	7.5	0.0		47
09/12/2023 00:40	5.8	257	6	7.6	0.0		46
09/12/2023 00:50	5.8	259	5	7.5	0.0		45
09/12/2023 01:00	5.1	260	6	6.7	0.0		45
09/12/2023 01:10	4.8	265	6	6.5	0.0		48
09/12/2023 01:20	4.5	260	5	5.6	0.0		47
09/12/2023 01:30	4.3	256	7	5.5	0.0		45
09/12/2023 01:40	4.2	254	8	6.0	0.0		42
09/12/2023 01:50	4.7	256	8	6.5	0.0		41
09/12/2023 02:00	4.4	250	10	6.0	0.0		38
09/12/2023 02:10	4.5	251	9	6.6	0.0		38
09/12/2023 02:20	4.8	254	8	6.3	0.0		36
09/12/2023 02:30	4.4	249	10	6.5	0.0		33
09/12/2023 02:40	4.7	243	10	7.4	0.0		28
09/12/2023 02:50	4.8	245	11	6.5	0.0		28
09/12/2023 03:00	4.2	254	9	5.7	0.0		30
09/12/2023 03:10	3.8	255	7	5.1	0.0		33
09/12/2023 03:20	4.5	267	7	5.5	0.0		36
09/12/2023 03:30	4.6	260	6	5.6	0.0		39
09/12/2023 03:40	4.7	260	6	5.6	0.0		38
09/12/2023 03:50	4.3	265	6	5.4	0.0		39
09/12/2023 04:00	4.3	272	7	5.5	0.0		39
09/12/2023 04:10	3.5	266	7	4.7	0.0		42
09/12/2023 04:20	3.9	274	6	4.9	0.0		43
09/12/2023 04:30	3.9	267	7	5.1	0.0		42
09/12/2023 04:40	3.6	268	4	4.4	0.0		41
09/12/2023 04:50	4.0	272	6	4.8	0.0		41
09/12/2023 05:00	4.1	270	6	5.6	0.0		41
09/12/2023 05:10	4.6	276	5	5.7	0.0		40
09/12/2023 05:20	4.6	274	6	5.7	0.0		40
09/12/2023 05:30	4.5	269	6	5.7	0.0		41
09/12/2023 05:40	4.8	270	5	5.8	0.0		42
09/12/2023 05:50	4.3	270	5	5.2	0.0		41
09/12/2023 06:00	4.4	272	3	5.1	0.0		42
09/12/2023 06:10	4.7	273	4	5.6	0.0		41
09/12/2023 06:20	3.9	277	6	5.1	0.0		39
09/12/2023 06:30	4.8	280	5	5.9	0.0		39
09/12/2023 06:40	5.5	274	5	6.8	0.0		39
09/12/2023 06:50	5.6	271	6	6.6	0.0		39
09/12/2023 07:00	4.9	271	7	5.9	0.0		38
09/12/2023 07:10	4.9	272	6	5.9	0.0		35
09/12/2023 07:20	4.6	276	7	5.6	0.0		34
09/12/2023 07:30	4.0	267	10	5.0	0.0		31
09/12/2023 07:40	3.7	270	11	4.8	0.0		29
09/12/2023 07:50	4.1	262	10	5.7	0.0		27
09/12/2023 08:00	4.5	262	9	6.2	0.0		26
09/12/2023 08:10	5.1	271	8	6.2	0.0		28



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/12/2023 08:20	4.9	275	9	6.2	0.0		31
09/12/2023 08:30	4.4	277	8	5.7	0.0		32
09/12/2023 08:40	4.5	282	8	5.7	0.0		36
09/12/2023 08:50	5.0	282	7	6.0	0.0		36
09/12/2023 09:00	5.4	282	5	6.8	0.0		41
09/12/2023 09:10	5.0	282	7	6.1	0.0		43
09/12/2023 09:20	5.4	285	6	6.5	0.0		45
09/12/2023 09:30	5.7	276	8	6.9	0.0		45
09/12/2023 09:40	6.0	282	7	7.9	0.0		47
09/12/2023 09:50	7.1	281	7	8.9	0.0		49
09/12/2023 10:00	7.1	280	5	8.6	0.0		49
09/12/2023 10:10	6.5	280	6	8.4	0.0		49
09/12/2023 10:20	6.8	280	6	8.0	0.0		50
09/12/2023 10:30	7.0	280	7	8.5	0.0		48
09/12/2023 10:40	7.2	272	6	9.3	0.0		44
09/12/2023 10:50	7.0	275	6	8.7	0.0		46
09/12/2023 11:00	6.4	277	7	8.6	0.0		44
09/12/2023 11:10	6.7	276	8	8.8	0.0		44
09/12/2023 11:20	6.4	269	9	8.7	0.0		44
09/12/2023 11:30	7.0	269	8	9.2	0.0		46
09/12/2023 11:40	6.9	269	9	9.4	0.0		44
09/12/2023 11:50	6.9	272	8	10.3	0.0		38
09/12/2023 12:00	6.6	273	8	8.4	0.0		39
09/12/2023 12:10	6.3	268	9	8.0	0.0		46
09/12/2023 12:20	8.0	273	6	10.1	0.0		39
09/12/2023 12:30	8.3	274	7	10.5	0.0		36
09/12/2023 12:40	8.8	276	5	10.8	0.0		39
09/12/2023 12:50	9.0	275	6	10.9	0.0		40
09/12/2023 13:00	8.3	266	8	11.2	0.0		36
09/12/2023 13:10	8.8	271	7	11.1	0.0		39
09/12/2023 13:20	8.3	268	8	10.6	0.0		41
09/12/2023 13:30	8.7	268	7	11.1	0.0		39
09/12/2023 13:40	8.7	273	6	10.9	0.0		41
09/12/2023 13:50	8.4	268	7	10.4	0.0		44
09/12/2023 14:00	8.1	271	7	11.1	0.0		46
09/12/2023 14:10	7.8	279	8	10.3	0.0		46
09/12/2023 14:20	8.2	272	6	9.9	0.0		46
09/12/2023 14:30	8.4	275	5	10.1	0.0		48
09/12/2023 14:40	8.4	270	7	10.5	0.0		48
09/12/2023 14:50	8.0	272	7	10.1	0.0		52
09/12/2023 15:00	7.5	271	7	9.9	0.0		51
09/12/2023 15:10	8.3	265	5	9.9	0.0		52
09/12/2023 15:20	7.8	273	6	9.5	0.0		51
09/12/2023 15:30	7.0	271	8	9.6	0.0		46
09/12/2023 15:40	7.3	263	9	10.0	0.0		46
09/12/2023 15:50	7.5	262	6	9.0	0.0		46
09/12/2023 16:00	6.7	277	11	9.8	0.0		42
09/12/2023 16:10	6.7	275	11	9.0	0.0		41



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
09/12/2023 16:20	6.9	266	8	8.8	0.0		50
09/12/2023 16:30	7.2	266	7	9.3	0.0		50
09/12/2023 16:40	7.3	263	7	9.6	0.0		50
09/12/2023 16:50	7.6	263	8	10.1	0.0		50
09/12/2023 17:00	7.7	257	6	9.9	0.0		51
09/12/2023 17:10	7.6	274	7	9.7	0.0		48
09/12/2023 17:20	7.5	268	6	9.8	0.0		47
09/12/2023 17:30	8.1	268	6	10.6	0.0		48
09/12/2023 17:40	7.8	265	6	9.9	0.0		48
09/12/2023 17:50	7.6	266	6	9.8	0.0		49
09/12/2023 18:00	6.9	261	8	8.7	0.0		50
09/12/2023 18:10	7.3	266	6	9.4	0.0		48
09/12/2023 18:20	7.1	262	7	9.7	0.0		48
09/12/2023 18:30	7.1	257	5	8.9	0.0		52
09/12/2023 18:40	7.0	257	6	9.2	0.0		55
09/12/2023 18:50	7.1	257	7	8.6	0.0		55
09/12/2023 19:00	6.2	262	6	7.9	0.0		52
09/12/2023 19:10	6.1	268	5	8.0	0.0		51
09/12/2023 19:20	5.4	263	6	7.1	0.0		49
09/12/2023 19:30	5.9	264	6	7.6	0.0		49
09/12/2023 19:40	5.8	263	6	7.2	0.0		49
09/12/2023 19:50	4.5	259	8	6.2	0.0		51
09/12/2023 20:00	2.4	195	21	4.0	0.0		47
09/12/2023 20:10	2.5	244	23	4.1	0.0		41
09/12/2023 20:20	3.5	246	12	5.0	0.0		42
09/12/2023 20:30	3.3	270	13	4.6	0.0		42
09/12/2023 20:40	2.1	218	22	3.5	0.0		44
09/12/2023 20:50	1.6	234	34	2.6	0.0		47
09/12/2023 21:00	1.0	276	20	1.5	0.0		48
09/12/2023 21:10	1.1	254	17	1.9	0.0		48
09/12/2023 21:20	1.2	268	41	2.1	0.0		48
09/12/2023 21:30	0.6	175	72	1.8	0.0		47
09/12/2023 21:40	1.1	146	48	2.0	0.0		47
09/12/2023 21:50	0.8	292	22	1.4	0.0		46
09/12/2023 22:00	0.9	252	15	1.4	0.0		46
09/12/2023 22:10	0.6	238	21	1.0	0.0		46
09/12/2023 22:20	0.5	175	26	0.7	0.0		46
09/12/2023 22:30	1.0	22	17	2.5	0.0		45
09/12/2023 22:40	1.2	66	11	2.1	0.0		43
09/12/2023 22:50	0.5	138	70	1.0	0.0		46
09/12/2023 23:00	0.6	221	44	1.0	0.0		46
09/12/2023 23:10	0.5	60	54	0.9	0.0		45
09/12/2023 23:20	0.8	60	12	1.1	0.0		45
09/12/2023 23:30	1.0	49	9	1.5	0.0		45
09/12/2023 23:40	0.4	105	38	0.8	0.0		47
09/12/2023 23:50	0.7	47	9	0.9	0.0		47
10/12/2023 00:00	0.8	194	12	1.4	0.0		48
10/12/2023 00:10	0.9	334	21	1.7	0.0		53



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/12/2023 00:20	0.9	335	28	1.4	0.0		54
10/12/2023 00:30	1.3	282	14	1.8	0.0		58
10/12/2023 00:40	1.4	266	9	1.9	0.0		61
10/12/2023 00:50	1.5	138	26	2.4	0.0		60
10/12/2023 01:00	2.5	341	10	3.3	0.0		59
10/12/2023 01:10	1.7	340	14	2.6	0.0		60
10/12/2023 01:20	0.8	217	30	1.7	0.0		59
10/12/2023 01:30	0.5	247	82	1.2	0.0		60
10/12/2023 01:40	0.9	314	14	1.3	0.0		58
10/12/2023 01:50	0.8	311	21	1.3	0.0		59
10/12/2023 02:00	1.6	37	18	2.8	0.0		60
10/12/2023 02:10	2.7	22	10	3.7	0.0		63
10/12/2023 02:20	1.6	35	14	2.3	0.0		66
10/12/2023 02:30	2.3	33	13	3.7	0.0		67
10/12/2023 02:40	2.2	40	11	3.1	0.0		67
10/12/2023 02:50	1.9	46	9	3.0	0.0		68
10/12/2023 03:00	2.4	38	11	3.7	0.0		67
10/12/2023 03:10	2.3	32	8	3.2	0.0		67
10/12/2023 03:20	2.1	33	9	2.9	0.0		67
10/12/2023 03:30	1.6	36	9	2.4	0.0		67
10/12/2023 03:40	0.8	53	10	1.1	0.0		67
10/12/2023 03:50	0.6	80	16	0.8	0.0		67
10/12/2023 04:00	0.6	84	20	0.8	0.0		67
10/12/2023 04:10	1.1	86	12	1.5	0.0		67
10/12/2023 04:20	1.1	76	13	1.7	0.0		66
10/12/2023 04:30	1.6	86	13	2.4	0.0		66
10/12/2023 04:40	1.6	52	13	2.2	0.0		66
10/12/2023 04:50	2.3	67	7	2.9	0.0		65
10/12/2023 05:00	2.7	82	8	3.9	0.0		65
10/12/2023 05:10	1.8	116	15	2.8	0.0		65
10/12/2023 05:20	2.2	124	11	3.3	0.0		67
10/12/2023 05:30	2.6	107	11	3.5	0.0		68
10/12/2023 05:40	3.0	112	11	4.1	0.0		68
10/12/2023 05:50	3.1	112	11	4.6	0.0		68
10/12/2023 06:00	2.9	105	13	4.6	0.0		69
10/12/2023 06:10	3.1	106	12	4.9	0.0		70
10/12/2023 06:20	3.6	110	12	5.3	0.0		69
10/12/2023 06:30	3.9	116	10	5.8	0.0		69
10/12/2023 06:40	4.9	113	11	7.3	0.0		67
10/12/2023 06:50	6.3	111	11	11.4	0.0		52
10/12/2023 07:00	8.3	107	11	12.6	0.0		36
10/12/2023 07:10	8.3	109	11	12.7	0.0		34
10/12/2023 07:20	9.3	110	9	13.8	0.0		35
10/12/2023 07:30	8.9	109	10	12.8	0.0		35
10/12/2023 07:40	7.5	104	11	11.5	0.0		35
10/12/2023 07:50	7.7	102	11	12.2	0.0		32
10/12/2023 08:00	7.6	104	12	12.0	0.0		31
10/12/2023 08:10	8.2	102	12	12.8	0.0		31



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/12/2023 08:20	7.7	106	12	12.1	0.0		30
10/12/2023 08:30	7.5	100	12	12.1	0.0		29
10/12/2023 08:40	7.9	105	12	11.6	0.0		29
10/12/2023 08:50	7.6	103	12	12.1	0.0		29
10/12/2023 09:00	7.9	102	12	11.3	0.0		30
10/12/2023 09:10	9.5	90	6	13.2	0.0		29
10/12/2023 09:20	8.5	94	11	13.5	0.0		29
10/12/2023 09:30	9.0	93	10	12.9	0.0		28
10/12/2023 09:40	8.9	89	9	12.8	0.0		28
10/12/2023 09:50	9.3	89	9	12.6	0.0		27
10/12/2023 10:00	8.7	90	7	13.2	0.0		28
10/12/2023 10:10	9.6	91	8	14.3	0.0		28
10/12/2023 10:20	8.3	88	8	12.3	0.0		29
10/12/2023 10:30	10.3	83	7	14.1	0.0		28
10/12/2023 10:40	9.4	86	9	12.2	0.0		28
10/12/2023 10:50	8.9	84	8	12.7	0.0		27
10/12/2023 11:00	9.2	76	8	12.2	0.0		28
10/12/2023 11:10	9.3	75	8	12.6	0.0		27
10/12/2023 11:20	9.9	75	7	12.9	0.0		29
10/12/2023 11:30	9.4	76	8	13.0	0.0		28
10/12/2023 11:40	9.2	74	7	12.1	0.0		29
10/12/2023 11:50	9.4	76	8	13.6	0.0		28
10/12/2023 12:00	9.5	74	7	13.6	0.0		27
10/12/2023 12:10	9.5	74	7	12.7	0.0		28
10/12/2023 12:20	10.2	76	6	13.7	0.0		29
10/12/2023 12:30	10.1	76	7	13.0	0.0		29
10/12/2023 12:40	9.5	81	7	12.3	0.0		29
10/12/2023 12:50	9.0	84	7	12.2	0.0		27
10/12/2023 13:00	8.3	81	9	11.6	0.0		27
10/12/2023 13:10	7.5	79	10	10.5	0.0		27
10/12/2023 13:20	7.2	71	9	10.4	0.0		27
10/12/2023 13:30	8.7	58	7	11.4	0.0		27
10/12/2023 13:40	9.0	60	7	11.8	0.0		27
10/12/2023 13:50	9.4	63	8	12.1	0.0		26
10/12/2023 14:00	8.3	63	9	11.5	0.0		27
10/12/2023 14:10	8.4	62	8	11.6	0.0		27
10/12/2023 14:20	8.6	60	8	11.4	0.0		26
10/12/2023 14:30	8.3	62	8	11.3	0.0		26
10/12/2023 14:40	7.5	58	8	10.3	0.0		26
10/12/2023 14:50	7.8	51	7	10.7	0.0		27
10/12/2023 15:00	7.9	50	8	10.8	0.0		22
10/12/2023 15:10	8.0	51	7	11.0	0.0		23
10/12/2023 15:20	8.2	54	9	10.6	0.0		22
10/12/2023 15:30	7.6	56	9	10.3	0.0		21
10/12/2023 15:40	6.8	56	9	9.6	0.0		22
10/12/2023 15:50	7.5	59	6	10.3	0.0		20
10/12/2023 16:00	7.2	55	9	10.0	0.0		19
10/12/2023 16:10	6.9	56	9	9.7	0.0		19



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
10/12/2023 16:20	6.1	52	9	8.9	0.0		19
10/12/2023 16:30	5.8	54	10	8.4	0.0		19
10/12/2023 16:40	5.5	54	11	8.1	0.0		20
10/12/2023 16:50	5.4	37	14	7.6	0.0		29
10/12/2023 17:00	6.2	23	12	8.3	0.0		36
10/12/2023 17:10	6.0	20	9	8.5	0.0		37
10/12/2023 17:20	6.4	20	8	8.2	0.0		37
10/12/2023 17:30	7.2	17	8	9.6	0.0		38
10/12/2023 17:40	6.1	13	12	8.6	0.0		37
10/12/2023 17:50	6.7	11	8	8.3	0.0		38
10/12/2023 18:00	6.3	13	8	8.6	0.0		39
10/12/2023 18:10	5.6	17	11	7.5	0.0		39
10/12/2023 18:20	6.1	18	10	8.8	0.0		38
10/12/2023 18:30	4.1	8	14	6.5	0.0		44
10/12/2023 18:40	5.9	18	8	7.8	0.0		38
10/12/2023 18:50	4.6	10	11	6.4	0.0		41
10/12/2023 19:00	4.2	4	13	6.3	0.0		46
10/12/2023 19:10	3.7	12	15	5.6	0.0		47
10/12/2023 19:20	4.0	5	13	6.4	0.0		51
10/12/2023 19:30	3.7	6	15	6.0	0.0		52
10/12/2023 19:40	3.9	358	11	6.0	0.0		51
10/12/2023 19:50	3.4	355	12	4.9	0.0		50
10/12/2023 20:00	2.9	347	13	4.6	0.0		51
10/12/2023 20:10	2.3	317	16	4.2	0.0		54
10/12/2023 20:20	2.7	318	11	4.0	0.0		57
10/12/2023 20:30	2.5	318	13	4.2	0.0		57
10/12/2023 20:40	2.2	274	26	3.5	0.0		56
10/12/2023 20:50	2.8	288	14	3.8	0.0		55
10/12/2023 21:00	3.1	277	8	4.2	0.0		55
10/12/2023 21:10	3.2	274	5	3.9	0.0		56
10/12/2023 21:20	3.3	267	6	4.2	0.0		55
10/12/2023 21:30	3.9	262	5	4.8	0.0		55
10/12/2023 21:40	4.1	256	6	5.2	0.0		55
10/12/2023 21:50	3.7	252	9	5.4	0.0		56
10/12/2023 22:00	3.4	248	10	4.9	0.0		55
10/12/2023 22:10	3.3	251	11	4.6	0.0		54
10/12/2023 22:20	3.4	255	7	4.4	0.0		55
10/12/2023 22:30	3.6	248	10	4.7	0.0		56
10/12/2023 22:40	3.3	249	12	4.9	0.0		58
10/12/2023 22:50	4.1	244	10	5.7	0.0		61
10/12/2023 23:00	4.0	242	10	5.6	0.0		62
10/12/2023 23:10	4.4	241	10	6.1	0.0		62
10/12/2023 23:20	4.4	244	10	6.3	0.0		61
10/12/2023 23:30	4.1	248	10	5.8	0.0		59
10/12/2023 23:40	4.0	247	10	5.5	0.0		57
10/12/2023 23:50	3.9	243	12	5.9	0.0		58
11/12/2023 00:00	4.1	243	9	6.5	0.0		58
11/12/2023 00:10	3.5	246	11	5.1	0.0		57



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/12/2023 00:20	3.5	253	11	5.3	0.0		57
11/12/2023 00:30	3.7	254	10	5.1	0.0		56
11/12/2023 00:40	3.1	266	11	4.3	0.0		57
11/12/2023 00:50	2.4	281	7	3.4	0.0		58
11/12/2023 01:00	2.5	279	8	3.2	0.0		57
11/12/2023 01:10	2.2	277	9	2.8	0.0		57
11/12/2023 01:20	1.7	267	10	2.5	0.0		57
11/12/2023 01:30	1.5	230	16	2.6	0.0		57
11/12/2023 01:40	1.7	234	15	2.7	0.0		56
11/12/2023 01:50	2.0	247	14	3.5	0.0		56
11/12/2023 02:00	1.5	262	21	3.0	0.0		56
11/12/2023 02:10	1.0	217	33	1.8	0.0		54
11/12/2023 02:20	1.1	284	19	1.6	0.0		55
11/12/2023 02:30	1.4	272	18	2.1	0.0		56
11/12/2023 02:40	2.1	263	28	3.0	0.0		55
11/12/2023 02:50	1.6	184	25	3.1	0.0		47
11/12/2023 03:00	2.0	137	13	3.3	0.0		42
11/12/2023 03:10	2.5	133	17	4.3	0.0		41
11/12/2023 03:20	2.2	125	22	3.7	0.0		43
11/12/2023 03:30	2.9	117	12	4.5	0.0		48
11/12/2023 03:40	3.2	107	12	5.4	0.0		48
11/12/2023 03:50	3.9	88	8	5.4	0.0		50
11/12/2023 04:00	4.4	90	10	6.3	0.0		50
11/12/2023 04:10	5.0	112	11	7.4	0.0		53
11/12/2023 04:20	5.5	112	11	8.5	0.0		49
11/12/2023 04:30	5.6	98	11	8.7	0.0		44
11/12/2023 04:40	6.0	103	12	9.4	0.0		36
11/12/2023 04:50	5.4	108	10	8.5	0.0		32
11/12/2023 05:00	5.4	105	12	8.5	0.0		29
11/12/2023 05:10	6.3	110	10	8.7	0.0		29
11/12/2023 05:20	6.2	111	11	9.4	0.0		28
11/12/2023 05:30	5.5	108	11	7.9	0.0		28
11/12/2023 05:40	6.0	109	10	9.5	0.0		28
11/12/2023 05:50	6.2	111	10	9.2	0.0		29
11/12/2023 06:00	6.9	109	9	9.7	0.0		27
11/12/2023 06:10	6.4	109	11	9.0	0.0		28
11/12/2023 06:20	6.7	106	11	9.6	0.0		28
11/12/2023 06:30	6.7	109	11	11.6	0.0		28
11/12/2023 06:40	7.0	108	10	10.0	0.0		27
11/12/2023 06:50	7.4	108	10	11.1	0.0		27
11/12/2023 07:00	7.5	108	11	12.1	0.0		26
11/12/2023 07:10	8.2	107	11	11.8	0.0		26
11/12/2023 07:20	8.4	106	11	13.4	0.0		25
11/12/2023 07:30	8.5	107	11	12.6	0.0		25
11/12/2023 07:40	8.6	106	10	12.0	0.0		25
11/12/2023 07:50	8.5	106	12	12.7	0.0		25
11/12/2023 08:00	9.2	110	11	13.3	0.0		23
11/12/2023 08:10	9.7	110	11	15.1	0.0		24



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/12/2023 08:20	8.7	104	13	13.4	0.0		24
11/12/2023 08:30	8.0	104	11	12.1	0.0		25
11/12/2023 08:40	8.6	100	12	13.1	0.0		24
11/12/2023 08:50	8.9	93	9	13.1	0.0		24
11/12/2023 09:00	8.8	98	10	12.5	0.0		24
11/12/2023 09:10	9.0	93	10	13.2	0.0		24
11/12/2023 09:20	9.8	92	9	13.3	0.0		23
11/12/2023 09:30	9.1	92	8	12.8	0.0		21
11/12/2023 09:40	9.3	94	8	13.0	0.0		24
11/12/2023 09:50	9.2	94	7	12.4	0.0		24
11/12/2023 10:00	8.9	88	9	12.3	0.0		22
11/12/2023 10:10	8.5	88	9	12.0	0.0		22
11/12/2023 10:20	9.0	89	9	12.5	0.0		22
11/12/2023 10:30	8.6	86	8	11.6	0.0		22
11/12/2023 10:40	8.8	86	8	12.8	0.0		22
11/12/2023 10:50	8.0	83	9	10.6	0.0		22
11/12/2023 11:00	8.5	76	9	11.8	0.0		22
11/12/2023 11:10	8.9	76	8	12.4	0.0		23
11/12/2023 11:20	9.2	78	7	11.8	0.0		24
11/12/2023 11:30	9.0	82	7	11.4	0.0		23
11/12/2023 11:40	8.1	80	9	10.7	0.0		24
11/12/2023 11:50	7.4	72	13	10.1	0.0		24
11/12/2023 12:00	7.8	63	9	11.0	0.0		24
11/12/2023 12:10	8.7	58	8	11.0	0.0		24
11/12/2023 12:20	8.3	61	8	10.9	0.0		24
11/12/2023 12:30	8.4	63	9	11.1	0.0		24
11/12/2023 12:40	8.6	59	10	11.4	0.0		23
11/12/2023 12:50	8.4	64	8	11.0	0.0		23
11/12/2023 13:00	7.9	59	9	11.0	0.0		24
11/12/2023 13:10	7.6	61	10	10.3	0.0		23
11/12/2023 13:20	7.5	58	10	10.4	0.0		24
11/12/2023 13:30	7.9	58	9	11.0	0.0		24
11/12/2023 13:40	7.6	59	11	9.9	0.0		23
11/12/2023 13:50	7.1	58	10	9.3	0.0		22
11/12/2023 14:00	7.8	54	9	10.7	0.0		22
11/12/2023 14:10	7.4	53	10	10.2	0.0		21
11/12/2023 14:20	7.6	49	9	10.2	0.0		22
11/12/2023 14:30	7.2	52	10	9.7	0.0		23
11/12/2023 14:40	7.2	51	8	9.6	0.0		20
11/12/2023 14:50	7.1	55	9	9.8	0.0		19
11/12/2023 15:00	7.3	51	8	9.7	0.0		17
11/12/2023 15:10	7.1	53	9	9.7	0.0		19
11/12/2023 15:20	7.1	51	8	9.8	0.0		18
11/12/2023 15:30	6.4	51	11	8.8	0.0		16
11/12/2023 15:40	7.2	53	9	9.2	0.0		16
11/12/2023 15:50	6.5	54	9	8.6	0.0		15
11/12/2023 16:00	5.9	39	17	7.6	0.0		19
11/12/2023 16:10	6.1	8	11	8.5	0.0		30



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
11/12/2023 16:20	7.2	181	9	9.2	0.0		35
11/12/2023 16:30	7.2	181	10	9.7	0.0		38
11/12/2023 16:40	7.5	179	9	9.3	0.0		40
11/12/2023 16:50	7.1	180	9	9.4	0.0		40
11/12/2023 17:00	8.1	359	8	10.2	0.0		41
11/12/2023 17:10	7.8	358	8	9.9	0.0		41
11/12/2023 17:20	7.4	353	7	9.2	0.0		41
11/12/2023 17:30	6.5	349	12	9.4	0.0		42
11/12/2023 17:40	7.5	345	10	9.6	0.0		45
11/12/2023 17:50	6.7	341	10	9.3	0.0		45
11/12/2023 18:00	6.6	343	10	8.9	0.0		46
11/12/2023 18:10	7.0	341	9	9.2	0.0		47
11/12/2023 18:20	6.5	329	11	9.2	0.0		47
11/12/2023 18:30	6.5	330	10	8.7	0.0		48
11/12/2023 18:40	6.1	322	9	8.8	0.0		48
11/12/2023 18:50	6.3	307	10	8.5	0.0		49
11/12/2023 19:00	5.5	313	9	7.9	0.0		49
11/12/2023 19:10	5.2	308	10	7.5	0.0		50
11/12/2023 19:20	5.2	289	9	7.1	0.0		51
11/12/2023 19:30	5.5	287	8	7.2	0.0		50
11/12/2023 19:40	5.5	285	9	7.2	0.0		52
11/12/2023 19:50	5.9	280	5	7.4	0.0		52
11/12/2023 20:00	5.8	277	6	7.7	0.0		52
11/12/2023 20:10	5.6	282	5	7.1	0.0		52
11/12/2023 20:20	4.4	283	8	6.2	0.0		54
11/12/2023 20:30	5.3	274	6	6.9	0.0		55
11/12/2023 20:40	5.5	275	5	6.8	0.0		55
11/12/2023 20:50	5.7	269	7	7.0	0.0		55
11/12/2023 21:00	4.9	273	6	6.7	0.0		56
11/12/2023 21:10	4.5	274	7	6.1	0.0		56
11/12/2023 21:20	4.5	278	6	6.2	0.0		56
11/12/2023 21:30	4.9	272	5	6.4	0.0		58
11/12/2023 21:40	4.3	271	8	5.6	0.0		59
11/12/2023 21:50	4.5	270	7	6.3	0.0		58
11/12/2023 22:00	5.3	274	6	6.8	0.0		59
11/12/2023 22:10	5.2	274	5	6.8	0.0		59
11/12/2023 22:20	4.7	271	5	5.9	0.0		60
11/12/2023 22:30	5.1	270	7	6.5	0.0		62
11/12/2023 22:40	4.8	267	7	6.3	0.0		62
11/12/2023 22:50	5.3	262	6	6.9	0.0		62
11/12/2023 23:00	5.2	265	6	6.8	0.0		62
11/12/2023 23:10	5.0	264	5	6.5	0.0		63
11/12/2023 23:20	4.8	262	6	6.5	0.0		64
11/12/2023 23:30	4.7	264	5	6.4	0.0		65
11/12/2023 23:40	4.2	265	6	5.5	0.0		65
11/12/2023 23:50	4.5	265	6	6.0	0.0		66
12/12/2023 00:00	4.7	259	7	6.3	0.0		66
12/12/2023 00:10	4.4	253	8	6.0	0.0		67



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/12/2023 00:20	4.2	258	7	5.7	0.0		67
12/12/2023 00:30	4.3	256	5	5.6	0.0		67
12/12/2023 00:40	4.3	256	7	6.1	0.0		67
12/12/2023 00:50	4.3	260	6	5.6	0.0		66
12/12/2023 01:00	4.6	259	7	5.7	0.0		65
12/12/2023 01:10	4.4	253	8	5.9	0.0		63
12/12/2023 01:20	4.7	258	7	6.2	0.0		62
12/12/2023 01:30	4.8	259	5	6.1	0.0		62
12/12/2023 01:40	4.3	262	6	5.6	0.0		61
12/12/2023 01:50	3.9	265	5	5.0	0.0		62
12/12/2023 02:00	3.6	267	5	4.9	0.0		62
12/12/2023 02:10	3.9	263	7	5.3	0.0		62
12/12/2023 02:20	4.0	263	6	5.2	0.0		61
12/12/2023 02:30	4.0	262	5	4.9	0.0		63
12/12/2023 02:40	4.0	258	8	5.7	0.0		64
12/12/2023 02:50	4.3	261	8	6.3	0.0		65
12/12/2023 03:00	4.2	255	10	6.1	0.0		66
12/12/2023 03:10	5.0	241	11	7.2	0.0		65
12/12/2023 03:20	5.0	241	10	6.7	0.0		65
12/12/2023 03:30	4.5	243	10	6.7	0.0		65
12/12/2023 03:40	4.3	243	10	6.3	0.0		66
12/12/2023 03:50	4.4	240	9	6.2	0.0		65
12/12/2023 04:00	4.9	241	10	7.0	0.0		65
12/12/2023 04:10	4.8	239	10	6.6	0.0		65
12/12/2023 04:20	4.8	241	10	6.5	0.0		65
12/12/2023 04:30	4.3	238	10	6.3	0.0		66
12/12/2023 04:40	4.3	239	9	6.0	0.0		66
12/12/2023 04:50	4.1	241	11	5.8	0.0		67
12/12/2023 05:00	3.6	244	11	5.6	0.0		68
12/12/2023 05:10	3.4	246	13	4.9	0.0		69
12/12/2023 05:20	3.3	249	12	4.7	0.0		70
12/12/2023 05:30	3.4	248	11	5.3	0.0		70
12/12/2023 05:40	3.6	253	11	5.1	0.0		71
12/12/2023 05:50	3.4	248	10	4.8	0.0		71
12/12/2023 06:00	3.3	257	7	4.4	0.0		71
12/12/2023 06:10	3.3	258	7	4.4	0.0		71
12/12/2023 06:20	3.2	250	11	4.4	0.0		70
12/12/2023 06:30	3.0	254	12	5.0	0.0		70
12/12/2023 06:40	3.0	241	11	4.4	0.0		69
12/12/2023 06:50	2.7	227	14	3.9	0.0		67
12/12/2023 07:00	2.8	213	13	3.9	0.0		66
12/12/2023 07:10	2.9	215	12	4.3	0.0		64
12/12/2023 07:20	2.8	214	14	4.2	0.0		62
12/12/2023 07:30	3.5	200	8	4.6	0.0		60
12/12/2023 07:40	3.0	194	10	4.5	0.0		58
12/12/2023 07:50	2.7	200	12	3.9	0.0		56
12/12/2023 08:00	2.7	208	10	3.9	0.0		55
12/12/2023 08:10	2.3	195	20	3.7	0.0		54



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/12/2023 08:20	1.8	178	35	3.6	0.0		50
12/12/2023 08:30	2.9	178	16	4.2	0.0		47
12/12/2023 08:40	2.8	140	26	4.5	0.0		41
12/12/2023 08:50	2.6	131	16	4.4	0.0		42
12/12/2023 09:00	2.6	121	19	4.3	0.0		42
12/12/2023 09:10	2.5	124	16	4.2	0.0		40
12/12/2023 09:20	2.3	134	17	4.4	0.0		39
12/12/2023 09:30	2.5	129	19	4.2	0.0		38
12/12/2023 09:40	3.0	118	17	4.4	0.0		37
12/12/2023 09:50	3.2	100	17	4.4	0.0		35
12/12/2023 10:00	4.7	88	11	7.0	0.0		33
12/12/2023 10:10	4.5	89	14	6.3	0.0		33
12/12/2023 10:20	5.3	77	11	8.2	0.0		31
12/12/2023 10:30	6.0	81	9	7.7	0.0		31
12/12/2023 10:40	6.5	83	9	9.0	0.0		31
12/12/2023 10:50	6.7	84	8	9.4	0.0		30
12/12/2023 11:00	6.6	88	9	9.1	0.0		30
12/12/2023 11:10	6.9	82	8	8.9	0.0		32
12/12/2023 11:20	7.1	85	8	9.7	0.0		32
12/12/2023 11:30	7.2	85	8	10.0	0.0		31
12/12/2023 11:40	6.6	80	11	8.5	0.0		30
12/12/2023 11:50	6.8	77	9	9.0	0.0		30
12/12/2023 12:00	6.8	80	8	9.0	0.0		31
12/12/2023 12:10	6.5	83	10	8.7	0.0		31
12/12/2023 12:20	6.0	80	11	8.9	0.0		31
12/12/2023 12:30	6.2	83	9	8.6	0.0		29
12/12/2023 12:40	6.5	72	12	8.5	0.0		25
12/12/2023 12:50	6.3	65	11	8.4	0.0		25
12/12/2023 13:00	6.7	64	12	9.2	0.0		26
12/12/2023 13:10	6.1	61	11	8.2	0.0		26
12/12/2023 13:20	6.2	61	8	8.5	0.0		27
12/12/2023 13:30	6.6	62	9	8.3	0.0		26
12/12/2023 13:40	6.6	68	9	8.7	0.0		28
12/12/2023 13:50	7.1	61	9	8.8	0.0		22
12/12/2023 14:00	6.8	70	9	8.9	0.0		19
12/12/2023 14:10	6.1	67	10	8.0	0.0		20
12/12/2023 14:20	5.5	59	11	7.8	0.0		19
12/12/2023 14:30	4.7	25	24	7.0	0.0		18
12/12/2023 14:40	4.6	9	19	6.6	0.0		17
12/12/2023 14:50	5.4	186	18	8.1	0.0		19
12/12/2023 15:00	4.9	3	17	8.3	0.0		22
12/12/2023 15:10	6.6	16	11	8.5	0.0		25
12/12/2023 15:20	6.8	14	9	9.1	0.0		28
12/12/2023 15:30	6.8	6	9	8.9	0.0		30
12/12/2023 15:40	6.8	8	11	9.3	0.0		33
12/12/2023 15:50	6.6	14	15	9.5	0.0		34
12/12/2023 16:00	6.8	6	11	9.2	0.0		33
12/12/2023 16:10	6.8	7	12	9.1	0.0		29



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
12/12/2023 16:20	7.0	12	9	9.4	0.0		28
12/12/2023 16:30	7.3	13	10	9.5	0.0		30
12/12/2023 16:40	7.6	15	8	10.3	0.0		31
12/12/2023 16:50	6.3	6	11	8.6	0.0		32
12/12/2023 17:00	5.9	180	12	8.9	0.0		34
12/12/2023 17:10	6.9	343	9	9.4	0.0		36
12/12/2023 17:20	6.9	335	9	9.3	0.0		42
12/12/2023 17:30	7.2	333	7	9.8	0.0		44
12/12/2023 17:40	6.9	334	10	9.6	0.0		46
12/12/2023 17:50	6.4	332	12	9.3	0.0		48
12/12/2023 18:00	7.4	330	9	9.4	0.0		50
12/12/2023 18:10	6.7	331	8	8.9	0.0		51
12/12/2023 18:20	6.5	326	9	9.4	0.0		52
12/12/2023 18:30	6.6	325	9	8.8	0.0		52
12/12/2023 18:40	5.5	317	12	8.2	0.0		53
12/12/2023 18:50	5.6	309	10	8.1	0.0		53
12/12/2023 19:00	5.7	301	10	7.8	0.0		54
12/12/2023 19:10	5.5	309	9	7.6	0.0		56
12/12/2023 19:20	5.8	293	9	8.3	0.0		59
12/12/2023 19:30	6.9	292	8	9.1	0.0		61
12/12/2023 19:40	6.7	287	8	8.5	0.0		61
12/12/2023 19:50	6.8	290	8	9.3	0.0		62
12/12/2023 20:00	6.4	284	7	8.4	0.0		66
12/12/2023 20:10	6.4	287	8	8.1	0.0		66
12/12/2023 20:20	6.5	277	7	9.0	0.0		67
12/12/2023 20:30	6.4	276	7	8.8	0.0		70
12/12/2023 20:40	6.5	277	7	8.8	0.0		71
12/12/2023 20:50	6.8	277	6	8.6	0.0		71
12/12/2023 21:00	6.7	279	7	8.8	0.0		71
12/12/2023 21:10	6.8	276	6	8.6	0.0		72
12/12/2023 21:20	7.4	278	6	9.1	0.0		72
12/12/2023 21:30	6.5	278	7	9.8	0.0		70
12/12/2023 21:40	7.0	274	7	9.0	0.0		69
12/12/2023 21:50	7.0	270	7	8.9	0.0		70
12/12/2023 22:00	6.6	268	7	9.0	0.0		71
12/12/2023 22:10	7.0	268	7	9.1	0.0		71
12/12/2023 22:20	6.6	265	6	8.9	0.0		70
12/12/2023 22:30	6.6	269	5	8.3	0.0		70
12/12/2023 22:40	6.4	268	7	8.7	0.0		68
12/12/2023 22:50	6.8	267	6	8.7	0.0		68
12/12/2023 23:00	6.6	266	6	8.7	0.0		69
12/12/2023 23:10	6.3	265	7	8.6	0.0		69
12/12/2023 23:20	6.7	266	7	8.8	0.0		69
12/12/2023 23:30	6.5	266	6	8.4	0.0		68
12/12/2023 23:40	6.1	259	6	7.8	0.0		69
12/12/2023 23:50	6.2	260	6	8.0	0.0		68
13/12/2023 00:00	6.2	261	6	8.1	0.0		69
13/12/2023 00:10	6.7	258	6	8.4	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/12/2023 00:20	6.8	256	6	9.4	0.0		71
13/12/2023 00:30	6.6	258	6	8.2	0.0		71
13/12/2023 00:40	6.7	257	6	8.6	0.0		71
13/12/2023 00:50	6.8	256	7	8.8	0.0		72
13/12/2023 01:00	7.0	257	6	9.8	0.0		72
13/12/2023 01:10	5.6	254	8	7.5	0.0		73
13/12/2023 01:20	5.1	254	9	6.7	0.0		73
13/12/2023 01:30	5.0	255	8	7.0	0.0		73
13/12/2023 01:40	5.2	254	8	6.6	0.0		73
13/12/2023 01:50	4.4	249	9	6.4	0.0		73
13/12/2023 02:00	4.5	254	9	6.3	0.0		73
13/12/2023 02:10	4.6	261	5	6.1	0.0		73
13/12/2023 02:20	4.2	264	5	5.3	0.0		73
13/12/2023 02:30	4.1	268	5	5.5	0.0		73
13/12/2023 02:40	4.2	266	5	5.5	0.0		73
13/12/2023 02:50	4.7	264	5	6.4	0.0		72
13/12/2023 03:00	5.2	261	5	6.2	0.0		72
13/12/2023 03:10	4.7	261	4	6.1	0.0		72
13/12/2023 03:20	5.0	260	5	6.4	0.0		72
13/12/2023 03:30	5.2	257	5	6.4	0.0		72
13/12/2023 03:40	5.3	255	4	6.4	0.0		72
13/12/2023 03:50	5.2	258	5	6.5	0.0		71
13/12/2023 04:00	4.7	261	5	6.1	0.0		71
13/12/2023 04:10	3.9	264	5	5.1	0.0		71
13/12/2023 04:20	4.1	263	5	5.2	0.0		70
13/12/2023 04:30	3.8	266	4	5.1	0.0		70
13/12/2023 04:40	3.7	262	5	5.2	0.0		70
13/12/2023 04:50	4.3	253	5	5.4	0.0		69
13/12/2023 05:00	4.5	256	5	5.5	0.0		69
13/12/2023 05:10	5.0	253	7	6.4	0.0		69
13/12/2023 05:20	4.8	257	7	6.7	0.0		68
13/12/2023 05:30	4.6	258	6	6.0	0.0		68
13/12/2023 05:40	4.7	257	6	6.2	0.0		68
13/12/2023 05:50	4.9	255	7	6.6	0.0		68
13/12/2023 06:00	4.9	254	8	6.7	0.0		68
13/12/2023 06:10	4.7	256	7	6.2	0.0		67
13/12/2023 06:20	5.5	254	7	7.3	0.0		67
13/12/2023 06:30	5.7	256	6	7.4	0.0		67
13/12/2023 06:40	5.6	255	7	7.2	0.0		67
13/12/2023 06:50	6.1	249	10	8.2	0.0		67
13/12/2023 07:00	5.7	235	9	7.8	0.0		65
13/12/2023 07:10	6.5	249	10	8.9	0.0		60
13/12/2023 07:20	6.7	250	10	9.0	0.0		59
13/12/2023 07:30	6.2	245	11	9.0	0.0		59
13/12/2023 07:40	5.6	246	13	7.5	0.0		59
13/12/2023 07:50	6.9	262	7	8.5	0.0		59
13/12/2023 08:00	6.5	257	10	8.8	0.0		58
13/12/2023 08:10	5.9	260	8	7.5	0.0		58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/12/2023 08:20	6.2	268	7	7.8	0.0		54
13/12/2023 08:30	5.7	267	8	7.4	0.0		52
13/12/2023 08:40	5.0	267	11	6.8	0.0		51
13/12/2023 08:50	5.5	271	7	6.9	0.0		51
13/12/2023 09:00	5.0	265	9	6.6	0.0		49
13/12/2023 09:10	4.4	252	15	6.4	0.0		46
13/12/2023 09:20	4.4	270	11	6.3	0.0		46
13/12/2023 09:30	4.7	283	9	6.3	0.0		47
13/12/2023 09:40	4.9	284	12	6.3	0.0		51
13/12/2023 09:50	5.0	285	11	6.9	0.0		52
13/12/2023 10:00	4.9	290	10	7.0	0.0		53
13/12/2023 10:10	4.7	286	13	6.4	0.0		50
13/12/2023 10:20	4.2	292	12	5.7	0.0		50
13/12/2023 10:30	4.3	285	15	6.3	0.0		48
13/12/2023 10:40	4.2	273	15	6.0	0.0		47
13/12/2023 10:50	3.9	286	15	5.7	0.0		45
13/12/2023 11:00	4.3	270	15	6.3	0.0		44
13/12/2023 11:10	4.1	280	14	6.2	0.0		45
13/12/2023 11:20	4.2	278	15	6.2	0.0		46
13/12/2023 11:30	4.6	272	13	7.3	0.0		46
13/12/2023 11:40	4.7	264	11	6.2	0.0		44
13/12/2023 11:50	4.3	268	16	6.2	0.0		43
13/12/2023 12:00	4.5	267	17	6.2	0.0		42
13/12/2023 12:10	4.4	300	17	6.2	0.0		43
13/12/2023 12:20	3.9	310	16	6.4	0.0		47
13/12/2023 12:30	4.2	298	15	6.4	0.0		49
13/12/2023 12:40	4.8	298	12	6.2	0.0		50
13/12/2023 12:50	5.3	300	12	7.1	0.0		51
13/12/2023 13:00	5.4	289	10	7.2	0.0		50
13/12/2023 13:10	6.3	285	9	8.1	0.0		51
13/12/2023 13:20	6.4	284	10	9.0	0.0		50
13/12/2023 13:30	5.8	286	15	7.8	0.0		51
13/12/2023 13:40	4.6	300	15	6.9	0.0		51
13/12/2023 13:50	5.6	282	12	7.3	0.0		50
13/12/2023 14:00	5.4	284	15	7.5	0.0		50
13/12/2023 14:10	5.3	285	12	7.3	0.0		49
13/12/2023 14:20	5.5	289	11	7.5	0.0		48
13/12/2023 14:30	5.8	282	9	7.5	0.0		48
13/12/2023 14:40	6.0	284	11	7.8	0.0		47
13/12/2023 14:50	5.9	276	9	8.0	0.0		44
13/12/2023 15:00	6.4	280	9	8.3	0.0		42
13/12/2023 15:10	6.3	293	12	7.9	0.0		42
13/12/2023 15:20	5.7	314	11	8.3	0.0		39
13/12/2023 15:30	5.0	300	14	6.6	0.0		35
13/12/2023 15:40	4.9	293	12	7.0	0.0		35
13/12/2023 15:50	5.7	302	12	7.7	0.0		36
13/12/2023 16:00	5.8	302	10	7.8	0.0		40
13/12/2023 16:10	5.7	308	10	7.9	0.0		40



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
13/12/2023 16:20	5.6	308	13	8.0	0.0		44
13/12/2023 16:30	6.1	309	9	8.4	0.0		48
13/12/2023 16:40	5.9	298	10	8.2	0.0		53
13/12/2023 16:50	6.8	294	7	8.5	0.0		56
13/12/2023 17:00	6.1	293	7	8.2	0.0		57
13/12/2023 17:10	5.8	292	8	7.9	0.0		58
13/12/2023 17:20	5.3	302	10	6.9	0.0		60
13/12/2023 17:30	5.5	296	9	7.0	0.0		61
13/12/2023 17:40	6.0	290	7	7.9	0.0		62
13/12/2023 17:50	6.1	294	7	7.6	0.0		65
13/12/2023 18:00	6.4	295	7	8.2	0.0		66
13/12/2023 18:10	6.0	290	7	7.7	0.0		66
13/12/2023 18:20	5.3	294	8	7.4	0.0		67
13/12/2023 18:30	5.5	295	8	6.7	0.0		66
13/12/2023 18:40	5.8	291	7	7.7	0.0		66
13/12/2023 18:50	5.0	283	7	7.2	0.0		66
13/12/2023 19:00	5.1	290	8	7.1	0.0		66
13/12/2023 19:10	5.1	284	8	6.5	0.0		63
13/12/2023 19:20	5.4	290	6	6.8	0.0		60
13/12/2023 19:30	5.9	284	6	7.6	0.0		59
13/12/2023 19:40	5.6	286	7	7.6	0.0		60
13/12/2023 19:50	4.4	284	8	5.8	0.0		59
13/12/2023 20:00	4.7	284	8	6.5	0.0		57
13/12/2023 20:10	4.6	276	6	6.3	0.0		57
13/12/2023 20:20	5.0	277	6	6.9	0.0		58
13/12/2023 20:30	5.0	279	6	6.8	0.0		58
13/12/2023 20:40	5.0	277	6	6.7	0.0		58
13/12/2023 20:50	5.7	276	5	7.5	0.0		59
13/12/2023 21:00	5.6	277	6	7.5	0.0		59
13/12/2023 21:10	5.1	277	7	6.8	0.0		61
13/12/2023 21:20	5.7	271	6	7.4	0.0		62
13/12/2023 21:30	6.3	273	6	8.0	0.0		64
13/12/2023 21:40	5.6	270	7	7.1	0.0		66
13/12/2023 21:50	6.5	267	7	8.6	0.0		67
13/12/2023 22:00	6.3	268	7	8.5	0.0		67
13/12/2023 22:10	7.0	269	6	8.9	0.0		68
13/12/2023 22:20	7.0	266	6	8.7	0.0		69
13/12/2023 22:30	6.8	261	5	9.0	0.0		70
13/12/2023 22:40	6.6	264	7	8.7	0.0		70
13/12/2023 22:50	6.4	260	5	8.3	0.0		70
13/12/2023 23:00	6.0	256	6	7.8	0.0		70
13/12/2023 23:10	5.9	256	6	8.3	0.0		69
13/12/2023 23:20	6.0	252	7	8.1	0.0		69
13/12/2023 23:30	6.0	254	7	8.4	0.0		69
13/12/2023 23:40	6.7	254	5	8.5	0.0		69
13/12/2023 23:50	6.4	260	5	9.1	0.0		69
14/12/2023 00:00	6.2	259	5	7.8	0.0		68
14/12/2023 00:10	6.2	260	5	7.7	0.0		68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/12/2023 00:20	5.8	260	5	7.3	0.0		68
14/12/2023 00:30	5.3	259	5	6.4	0.0		68
14/12/2023 00:40	5.1	260	5	6.3	0.0		68
14/12/2023 00:50	5.2	262	5	6.3	0.0		68
14/12/2023 01:00	5.0	264	5	6.3	0.0		68
14/12/2023 01:10	5.1	262	6	6.7	0.0		68
14/12/2023 01:20	4.5	258	5	5.8	0.0		69
14/12/2023 01:30	4.1	254	5	5.4	0.0		69
14/12/2023 01:40	4.1	254	4	4.9	0.0		70
14/12/2023 01:50	4.4	253	4	5.4	0.0		70
14/12/2023 02:00	4.5	256	5	5.4	0.0		70
14/12/2023 02:10	4.3	258	4	5.3	0.0		70
14/12/2023 02:20	4.3	256	5	5.2	0.0		71
14/12/2023 02:30	4.5	260	4	5.2	0.0		71
14/12/2023 02:40	4.0	262	4	5.1	0.0		71
14/12/2023 02:50	4.0	264	6	5.0	0.0		70
14/12/2023 03:00	4.4	260	5	5.6	0.0		70
14/12/2023 03:10	4.6	260	5	5.5	0.0		70
14/12/2023 03:20	4.0	265	5	5.1	0.0		70
14/12/2023 03:30	3.6	269	4	4.6	0.0		70
14/12/2023 03:40	4.0	265	5	5.2	0.0		70
14/12/2023 03:50	4.1	264	5	5.2	0.0		70
14/12/2023 04:00	4.5	265	4	5.7	0.0		70
14/12/2023 04:10	5.4	263	4	6.6	0.0		70
14/12/2023 04:20	5.4	263	4	6.4	0.0		70
14/12/2023 04:30	5.0	265	5	6.1	0.0		71
14/12/2023 04:40	4.3	265	5	5.3	0.0		71
14/12/2023 04:50	4.6	266	5	5.8	0.0		71
14/12/2023 05:00	5.3	269	4	6.7	0.0		71
14/12/2023 05:10	5.5	268	5	6.9	0.0		70
14/12/2023 05:20	5.6	266	5	6.9	0.0		69
14/12/2023 05:30	5.9	262	5	7.5	0.0		69
14/12/2023 05:40	5.3	258	5	6.3	0.0		70
14/12/2023 05:50	3.9	260	6	5.0	0.0		70
14/12/2023 06:00	3.7	263	6	5.4	0.0		70
14/12/2023 06:10	5.0	259	7	6.5	0.0		70
14/12/2023 06:20	4.3	262	6	5.4	0.0		70
14/12/2023 06:30	4.2	266	5	5.5	0.0		69
14/12/2023 06:40	5.3	264	6	7.2	0.0		69
14/12/2023 06:50	5.0	264	6	6.6	0.0		69
14/12/2023 07:00	5.1	260	7	6.8	0.0		68
14/12/2023 07:10	5.9	256	6	7.8	0.0		67
14/12/2023 07:20	5.6	265	7	7.0	0.0		66
14/12/2023 07:30	6.3	267	8	7.8	0.0		66
14/12/2023 07:40	6.5	267	7	8.8	0.0		66
14/12/2023 07:50	6.5	263	7	7.8	0.0		66
14/12/2023 08:00	6.3	257	7	8.0	0.0		65
14/12/2023 08:10	6.0	260	8	8.3	0.0		64



Yara Pilbara Nitrates- Western Boundary
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Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/12/2023 08:20	6.2	274	9	8.0	0.0		64
14/12/2023 08:30	6.4	278	7	8.1	0.0		63
14/12/2023 08:40	5.6	274	9	7.1	0.0		64
14/12/2023 08:50	5.8	276	9	7.5	0.0		64
14/12/2023 09:00	5.5	286	9	7.0	0.0		63
14/12/2023 09:10	5.0	286	13	6.7	0.0		63
14/12/2023 09:20	4.3	278	12	5.9	0.0		61
14/12/2023 09:30	5.1	278	9	6.8	0.0		60
14/12/2023 09:40	4.9	287	10	6.2	0.0		60
14/12/2023 09:50	4.7	288	10	6.0	0.0		60
14/12/2023 10:00	4.1	302	12	5.9	0.0		60
14/12/2023 10:10	4.2	297	10	5.7	0.0		59
14/12/2023 10:20	3.8	296	13	5.1	0.0		57
14/12/2023 10:30	3.4	293	14	5.1	0.0		52
14/12/2023 10:40	3.4	295	20	5.3	0.0		51
14/12/2023 10:50	4.0	290	14	5.4	0.0		52
14/12/2023 11:00	3.6	292	19	5.2	0.0		52
14/12/2023 11:10	3.6	287	15	6.0	0.0		48
14/12/2023 11:20	4.0	311	13	5.4	0.0		49
14/12/2023 11:30	4.5	318	14	6.5	0.0		55
14/12/2023 11:40	4.6	316	17	6.5	0.0		58
14/12/2023 11:50	6.3	325	10	7.9	0.0		64
14/12/2023 12:00	6.7	325	7	8.4	0.0		66
14/12/2023 12:10	5.8	325	9	7.8	0.0		62
14/12/2023 12:20	6.0	323	12	8.2	0.0		60
14/12/2023 12:30	6.2	324	10	8.2	0.0		61
14/12/2023 12:40	6.5	326	10	9.5	0.0		65
14/12/2023 12:50	7.0	324	9	9.7	0.0		67
14/12/2023 13:00	7.0	318	12	9.6	0.0		68
14/12/2023 13:10	7.3	316	12	9.9	0.0		68
14/12/2023 13:20	7.0	326	10	9.6	0.0		69
14/12/2023 13:30	6.9	314	11	9.3	0.0		69
14/12/2023 13:40	7.7	321	10	11.8	0.0		69
14/12/2023 13:50	6.9	318	11	10.5	0.0		69
14/12/2023 14:00	6.7	319	11	9.4	0.0		69
14/12/2023 14:10	6.7	321	14	9.4	0.0		67
14/12/2023 14:20	7.4	316	11	10.4	0.0		68
14/12/2023 14:30	7.5	316	10	10.0	0.0		68
14/12/2023 14:40	6.8	322	13	9.4	0.0		67
14/12/2023 14:50	6.5	317	13	10.1	0.0		67
14/12/2023 15:00	7.1	315	11	9.4	0.0		68
14/12/2023 15:10	7.3	312	10	10.0	0.0		68
14/12/2023 15:20	6.9	316	12	9.6	0.0		67
14/12/2023 15:30	6.6	310	13	9.1	0.0		65
14/12/2023 15:40	7.0	304	9	9.7	0.0		64
14/12/2023 15:50	7.4	306	7	9.3	0.0		64
14/12/2023 16:00	6.5	307	10	8.7	0.0		63
14/12/2023 16:10	6.7	309	10	9.3	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
14/12/2023 16:20	7.2	304	10	9.5	0.0		66
14/12/2023 16:30	7.4	308	8	9.8	0.0		68
14/12/2023 16:40	6.6	310	9	8.8	0.0		68
14/12/2023 16:50	7.1	304	8	9.4	0.0		68
14/12/2023 17:00	6.4	310	10	8.8	0.0		69
14/12/2023 17:10	7.2	312	8	9.6	0.0		69
14/12/2023 17:20	7.3	308	7	9.6	0.0		70
14/12/2023 17:30	7.6	309	9	9.7	0.0		70
14/12/2023 17:40	7.3	303	10	9.7	0.0		69
14/12/2023 17:50	7.2	311	8	9.8	0.0		68
14/12/2023 18:00	7.2	311	9	10.3	0.0		70
14/12/2023 18:10	6.9	310	8	9.1	0.0		71
14/12/2023 18:20	6.5	307	10	9.2	0.0		71
14/12/2023 18:30	6.4	307	10	8.9	0.0		71
14/12/2023 18:40	6.5	293	9	9.1	0.0		71
14/12/2023 18:50	7.3	292	7	9.3	0.0		72
14/12/2023 19:00	7.4	290	6	9.3	0.0		72
14/12/2023 19:10	7.5	285	6	10.0	0.0		71
14/12/2023 19:20	7.4	288	5	9.8	0.0		71
14/12/2023 19:30	7.9	292	6	10.0	0.0		71
14/12/2023 19:40	7.6	290	7	9.5	0.0		71
14/12/2023 19:50	6.8	286	7	8.9	0.0		71
14/12/2023 20:00	7.0	287	6	9.4	0.0		71
14/12/2023 20:10	6.2	282	7	8.6	0.0		71
14/12/2023 20:20	6.7	285	7	9.0	0.0		71
14/12/2023 20:30	6.2	275	6	8.2	0.0		71
14/12/2023 20:40	7.2	277	7	9.1	0.0		71
14/12/2023 20:50	7.2	281	6	9.2	0.0		71
14/12/2023 21:00	6.9	280	6	9.2	0.0		70
14/12/2023 21:10	6.4	275	8	8.4	0.0		70
14/12/2023 21:20	7.1	277	5	8.9	0.0		70
14/12/2023 21:30	6.5	277	6	8.5	0.0		70
14/12/2023 21:40	6.7	277	6	8.4	0.0		70
14/12/2023 21:50	7.4	279	6	9.3	0.0		70
14/12/2023 22:00	6.3	278	7	8.5	0.0		70
14/12/2023 22:10	6.1	273	7	8.3	0.0		70
14/12/2023 22:20	6.5	272	6	8.6	0.0		70
14/12/2023 22:30	6.0	270	7	7.9	0.0		70
14/12/2023 22:40	6.5	267	6	8.0	0.0		70
14/12/2023 22:50	6.6	267	7	8.9	0.0		70
14/12/2023 23:00	6.4	271	6	9.0	0.0		69
14/12/2023 23:10	6.8	268	6	8.9	0.0		69
14/12/2023 23:20	7.4	268	6	9.2	0.0		69
14/12/2023 23:30	6.8	270	6	8.8	0.0		69
14/12/2023 23:40	6.6	268	6	8.6	0.0		69
14/12/2023 23:50	5.6	269	6	7.6	0.0		69
15/12/2023 00:00	6.9	268	5	9.4	0.0		69
15/12/2023 00:10	7.6	263	5	9.6	0.0		69



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/12/2023 00:20	7.3	262	6	9.3	0.0		69
15/12/2023 00:30	6.3	274	7	7.7	0.0		69
15/12/2023 00:40	5.1	274	6	7.5	0.0		69
15/12/2023 00:50	5.8	266	6	7.2	0.0		69
15/12/2023 01:00	5.7	270	7	7.3	0.0		69
15/12/2023 01:10	4.6	274	5	6.5	0.0		69
15/12/2023 01:20	4.7	280	6	6.5	0.0		69
15/12/2023 01:30	4.6	278	6	6.5	0.0		69
15/12/2023 01:40	5.0	277	6	6.4	0.0		69
15/12/2023 01:50	4.9	279	6	6.7	0.0		69
15/12/2023 02:00	4.2	278	6	6.1	0.0		69
15/12/2023 02:10	4.6	288	6	6.2	0.0		69
15/12/2023 02:20	4.6	295	7	6.4	0.0		69
15/12/2023 02:30	5.1	296	5	6.5	0.0		69
15/12/2023 02:40	4.9	295	6	6.5	0.0		69
15/12/2023 02:50	5.0	288	7	6.9	0.0		69
15/12/2023 03:00	5.1	284	8	6.7	0.0		69
15/12/2023 03:10	5.2	286	7	6.9	0.0		69
15/12/2023 03:20	5.0	284	7	6.8	0.0		69
15/12/2023 03:30	4.3	288	8	6.4	0.0		69
15/12/2023 03:40	4.6	291	8	6.5	0.0		69
15/12/2023 03:50	4.5	292	7	6.0	0.0		69
15/12/2023 04:00	3.3	286	8	4.8	0.0		69
15/12/2023 04:10	3.6	291	8	4.7	0.0		68
15/12/2023 04:20	3.8	288	8	5.2	0.0		68
15/12/2023 04:30	4.3	290	7	5.8	0.0		68
15/12/2023 04:40	3.3	288	8	4.3	0.0		68
15/12/2023 04:50	4.1	290	7	5.4	0.0		68
15/12/2023 05:00	4.1	290	7	5.6	0.0		68
15/12/2023 05:10	3.9	280	7	5.8	0.0		67
15/12/2023 05:20	4.3	273	7	6.4	0.0		67
15/12/2023 05:30	5.2	264	6	7.0	0.0		67
15/12/2023 05:40	6.1	271	6	7.4	0.0		67
15/12/2023 05:50	6.2	270	6	8.2	0.0		67
15/12/2023 06:00	5.8	266	5	7.6	0.0		67
15/12/2023 06:10	5.2	269	5	7.2	0.0		67
15/12/2023 06:20	5.9	268	5	7.1	0.0		67
15/12/2023 06:30	5.5	268	6	7.2	0.0		67
15/12/2023 06:40	6.3	269	8	7.5	0.0		67
15/12/2023 06:50	6.5	269	7	8.6	0.0		68
15/12/2023 07:00	6.9	273	7	8.6	0.0		68
15/12/2023 07:10	6.7	277	7	8.3	0.0		68
15/12/2023 07:20	6.7	274	7	8.5	0.0		68
15/12/2023 07:30	6.3	276	6	8.1	0.0		68
15/12/2023 07:40	5.8	274	9	7.3	0.0		68
15/12/2023 07:50	5.5	272	11	7.2	0.0		68
15/12/2023 08:00	5.7	272	9	7.5	0.0		68
15/12/2023 08:10	6.0	261	8	7.7	0.0		68



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/12/2023 08:20	6.0	265	7	8.4	0.0		68
15/12/2023 08:30	5.7	269	9	7.7	0.0		68
15/12/2023 08:40	6.0	267	9	7.7	0.0		68
15/12/2023 08:50	5.7	266	10	7.6	0.0		68
15/12/2023 09:00	5.8	268	12	7.7	0.0		68
15/12/2023 09:10	5.9	264	10	7.8	0.0		68
15/12/2023 09:20	6.0	282	9	8.1	0.0		67
15/12/2023 09:30	5.9	268	9	8.4	0.0		67
15/12/2023 09:40	5.6	271	10	7.6	0.0		67
15/12/2023 09:50	5.6	284	11	8.1	0.0		67
15/12/2023 10:00	5.6	287	8	8.6	0.0		66
15/12/2023 10:10	6.0	292	11	8.4	0.0		67
15/12/2023 10:20	5.6	283	14	7.5	0.0		66
15/12/2023 10:30	6.0	280	10	8.1	0.0		65
15/12/2023 10:40	5.8	277	8	8.2	0.0		65
15/12/2023 10:50	6.2	280	10	8.9	0.0		64
15/12/2023 11:00	5.9	282	12	7.6	0.0		64
15/12/2023 11:10	5.2	289	17	8.1	0.0		62
15/12/2023 11:20	5.8	292	13	8.3	0.0		61
15/12/2023 11:30	5.8	291	15	8.5	0.0		61
15/12/2023 11:40	6.4	314	16	8.7	0.0		61
15/12/2023 11:50	5.4	312	14	8.0	0.0		61
15/12/2023 12:00	6.0	311	13	8.8	0.0		61
15/12/2023 12:10	5.6	304	13	7.8	0.0		60
15/12/2023 12:20	6.4	297	12	9.5	0.0		60
15/12/2023 12:30	6.1	298	14	8.7	0.0		60
15/12/2023 12:40	6.5	302	14	8.8	0.0		61
15/12/2023 12:50	6.6	311	16	9.3	0.0		60
15/12/2023 13:00	6.6	313	10	9.2	0.0		61
15/12/2023 13:10	6.8	314	10	9.2	0.0		62
15/12/2023 13:20	6.9	312	9	9.1	0.0		63
15/12/2023 13:30	5.6	297	16	8.9	0.0		59
15/12/2023 13:40	7.1	284	10	9.2	0.0		59
15/12/2023 13:50	6.1	290	11	8.7	0.0		60
15/12/2023 14:00	5.6	307	14	7.9	0.0		60
15/12/2023 14:10	5.8	312	12	8.5	0.0		59
15/12/2023 14:20	6.2	316	10	8.1	0.0		60
15/12/2023 14:30	6.4	321	13	8.3	0.0		61
15/12/2023 14:40	6.0	316	10	8.2	0.0		60
15/12/2023 14:50	6.5	319	10	9.5	0.0		60
15/12/2023 15:00	5.8	318	11	8.8	0.0		59
15/12/2023 15:10	6.6	314	9	8.5	0.0		59
15/12/2023 15:20	6.6	317	11	9.1	0.0		60
15/12/2023 15:30	6.7	316	10	8.8	0.0		62
15/12/2023 15:40	5.9	314	13	8.4	0.0		60
15/12/2023 15:50	5.6	310	12	7.6	0.0		62
15/12/2023 16:00	5.1	304	14	7.7	0.0		61
15/12/2023 16:10	5.6	315	12	8.6	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
15/12/2023 16:20	6.1	315	11	8.7	0.0		64
15/12/2023 16:30	5.7	308	12	8.0	0.0		65
15/12/2023 16:40	6.0	290	11	8.7	0.0		65
15/12/2023 16:50	6.3	288	9	9.5	0.0		65
15/12/2023 17:00	6.8	287	8	9.8	0.0		66
15/12/2023 17:10	7.0	286	8	9.3	0.0		67
15/12/2023 17:20	7.1	286	8	9.2	0.0		67
15/12/2023 17:30	6.9	285	7	8.9	0.0		67
15/12/2023 17:40	6.9	288	7	8.9	0.0		68
15/12/2023 17:50	6.8	296	8	8.9	0.0		69
15/12/2023 18:00	6.4	293	9	8.4	0.0		69
15/12/2023 18:10	6.8	284	7	8.8	0.0		69
15/12/2023 18:20	7.3	271	8	9.5	0.0		70
15/12/2023 18:30	7.4	274	7	10.0	0.0		70
15/12/2023 18:40	7.2	271	6	9.6	0.0		70
15/12/2023 18:50	6.6	277	8	8.8	0.0		70
15/12/2023 19:00	6.3	283	7	9.2	0.0		70
15/12/2023 19:10	6.1	290	8	8.0	0.0		70
15/12/2023 19:20	5.9	288	8	8.2	0.0		70
15/12/2023 19:30	5.9	282	9	8.0	0.0		70
15/12/2023 19:40	6.4	281	6	8.4	0.0		70
15/12/2023 19:50	5.5	281	9	7.2	0.0		70
15/12/2023 20:00	5.0	280	8	7.0	0.0		70
15/12/2023 20:10	5.0	278	8	6.5	0.0		70
15/12/2023 20:20	5.1	281	7	6.9	0.0		70
15/12/2023 20:30	5.1	275	8	7.0	0.0		70
15/12/2023 20:40	5.3	272	9	6.9	0.0		70
15/12/2023 20:50	5.2	267	6	7.0	0.0		70
15/12/2023 21:00	5.5	274	6	7.3	0.0		70
15/12/2023 21:10	5.5	274	7	7.5	0.0		70
15/12/2023 21:20	5.4	273	7	7.3	0.0		70
15/12/2023 21:30	5.1	276	7	6.9	0.0		70
15/12/2023 21:40	4.5	273	8	6.1	0.0		70
15/12/2023 21:50	4.8	271	6	6.6	0.0		70
15/12/2023 22:00	4.5	275	5	5.8	0.0		70
15/12/2023 22:10	4.4	280	7	5.9	0.0		70
15/12/2023 22:20	4.8	279	8	6.6	0.0		70
15/12/2023 22:30	4.2	275	9	6.6	0.0		70
15/12/2023 22:40	4.1	280	12	5.8	0.0		70
15/12/2023 22:50	4.4	272	8	6.0	0.0		70
15/12/2023 23:00	4.5	272	6	5.8	0.0		70
15/12/2023 23:10	4.5	273	8	6.1	0.0		70
15/12/2023 23:20	4.7	274	7	6.8	0.0		70
15/12/2023 23:30	4.9	278	6	6.5	0.0		70
15/12/2023 23:40	4.2	283	9	5.9	0.0		70
15/12/2023 23:50	4.8	292	9	6.3	0.0		70
16/12/2023 00:00	4.6	287	9	6.5	0.0		70
16/12/2023 00:10	4.5	285	9	6.6	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/12/2023 00:20	4.3	283	9	6.3	0.0		70
16/12/2023 00:30	4.5	287	7	6.5	0.0		70
16/12/2023 00:40	4.2	285	9	5.9	0.0		70
16/12/2023 00:50	4.1	289	10	5.9	0.0		70
16/12/2023 01:00	3.8	287	10	5.9	0.0		70
16/12/2023 01:10	4.0	286	8	6.0	0.0		70
16/12/2023 01:20	4.7	285	6	6.8	0.0		70
16/12/2023 01:30	5.0	284	7	6.5	0.0		70
16/12/2023 01:40	4.8	284	8	6.5	0.0		70
16/12/2023 01:50	4.6	289	8	6.8	0.0		70
16/12/2023 02:00	4.7	291	8	6.8	0.0		70
16/12/2023 02:10	4.7	292	8	6.4	0.0		70
16/12/2023 02:20	4.8	291	8	6.6	0.0		70
16/12/2023 02:30	4.4	289	9	6.6	0.0		70
16/12/2023 02:40	4.9	291	8	6.5	0.0		70
16/12/2023 02:50	4.5	286	6	6.2	0.0		70
16/12/2023 03:00	4.9	290	8	7.0	0.0		70
16/12/2023 03:10	4.4	288	8	6.4	0.0		71
16/12/2023 03:20	4.4	286	7	6.2	0.0		71
16/12/2023 03:30	4.5	285	8	6.3	0.0		71
16/12/2023 03:40	4.7	285	7	6.5	0.0		71
16/12/2023 03:50	4.9	278	6	6.2	0.0		71
16/12/2023 04:00	4.7	282	7	6.0	0.0		71
16/12/2023 04:10	4.7	282	8	6.4	0.0		71
16/12/2023 04:20	4.4	276	7	6.0	0.0		71
16/12/2023 04:30	4.6	279	7	6.2	0.0		71
16/12/2023 04:40	5.5	275	6	7.1	0.0		71
16/12/2023 04:50	5.0	279	6	6.8	0.0		71
16/12/2023 05:00	5.1	279	6	6.5	0.0		71
16/12/2023 05:10	5.1	278	6	7.0	0.0		71
16/12/2023 05:20	4.9	279	6	6.7	0.0		71
16/12/2023 05:30	4.4	276	6	6.2	0.0		71
16/12/2023 05:40	5.2	274	5	6.7	0.0		71
16/12/2023 05:50	5.2	273	6	6.9	0.0		71
16/12/2023 06:00	4.9	280	8	6.8	0.0		71
16/12/2023 06:10	5.9	277	6	7.9	0.0		70
16/12/2023 06:20	5.8	279	6	7.5	0.0		70
16/12/2023 06:30	4.9	284	8	6.9	0.0		70
16/12/2023 06:40	5.6	266	7	7.8	0.0		69
16/12/2023 06:50	5.5	273	10	8.3	0.0		69
16/12/2023 07:00	6.2	270	7	8.3	0.0		69
16/12/2023 07:10	5.8	285	8	8.0	0.0		68
16/12/2023 07:20	6.4	280	10	8.3	0.0		68
16/12/2023 07:30	5.1	286	11	7.9	0.0		68
16/12/2023 07:40	4.5	290	14	6.6	0.0		67
16/12/2023 07:50	6.3	282	9	8.6	0.0		67
16/12/2023 08:00	6.3	286	9	8.4	0.0		67
16/12/2023 08:10	6.0	280	11	8.3	0.0		66



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/12/2023 08:20	6.3	287	10	8.7	0.0		66
16/12/2023 08:30	6.7	286	9	9.0	0.0		66
16/12/2023 08:40	6.7	287	11	9.0	0.0		66
16/12/2023 08:50	7.5	283	8	9.7	0.0		66
16/12/2023 09:00	7.5	281	8	10.8	0.0		66
16/12/2023 09:10	7.7	283	9	10.3	0.0		65
16/12/2023 09:20	8.3	284	8	11.9	0.0		65
16/12/2023 09:30	8.1	290	8	10.6	0.0		65
16/12/2023 09:40	8.2	287	8	11.2	0.0		65
16/12/2023 09:50	8.3	287	9	11.1	0.0		64
16/12/2023 10:00	8.5	290	6	11.0	0.0		65
16/12/2023 10:10	8.6	291	8	12.3	0.0		65
16/12/2023 10:20	8.4	288	11	10.9	0.0		63
16/12/2023 10:30	8.3	291	8	12.1	0.0		64
16/12/2023 10:40	8.4	292	9	11.2	0.0		64
16/12/2023 10:50	8.3	293	11	10.4	0.0		63
16/12/2023 11:00	8.3	290	8	11.5	0.0		62
16/12/2023 11:10	7.8	278	16	10.0	0.0		63
16/12/2023 11:20	8.3	293	10	10.6	0.0		62
16/12/2023 11:30	8.0	286	7	10.5	0.0		62
16/12/2023 11:40	8.2	295	6	10.6	0.0		63
16/12/2023 11:50	8.4	296	7	11.4	0.0		63
16/12/2023 12:00	8.3	293	8	11.0	0.0		63
16/12/2023 12:10	8.6	291	8	11.8	0.0		62
16/12/2023 12:20	8.8	272	11	11.2	0.0		63
16/12/2023 12:30	8.9	271	10	12.0	0.0		62
16/12/2023 12:40	9.9	269	8	12.8	0.0		63
16/12/2023 12:50	10.1	271	7	12.9	0.0		63
16/12/2023 13:00	10.0	269	8	13.1	0.0		63
16/12/2023 13:10	10.6	276	7	12.9	0.0		64
16/12/2023 13:20	10.2	268	8	13.1	0.0		63
16/12/2023 13:30	9.4	272	9	12.9	0.0		63
16/12/2023 13:40	9.8	269	9	12.5	0.0		64
16/12/2023 13:50	10.2	269	9	12.5	0.0		63
16/12/2023 14:00	9.8	267	9	13.4	0.0		63
16/12/2023 14:10	10.6	269	7	13.5	0.0		65
16/12/2023 14:20	10.2	269	9	13.3	0.0		64
16/12/2023 14:30	10.4	272	7	13.4	0.0		64
16/12/2023 14:40	10.3	269	8	13.5	0.0		63
16/12/2023 14:50	11.0	267	6	13.5	0.0		63
16/12/2023 15:00	9.7	273	8	12.6	0.0		62
16/12/2023 15:10	9.6	269	9	12.9	0.0		62
16/12/2023 15:20	10.4	274	8	13.3	0.0		63
16/12/2023 15:30	10.0	274	8	13.1	0.0		63
16/12/2023 15:40	9.9	273	8	13.1	0.0		64
16/12/2023 15:50	10.0	277	7	12.9	0.0		64
16/12/2023 16:00	10.0	274	8	13.1	0.0		64
16/12/2023 16:10	10.1	277	8	12.9	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
16/12/2023 16:20	10.2	274	8	13.1	0.0		66
16/12/2023 16:30	9.3	273	7	12.1	0.0		65
16/12/2023 16:40	9.6	277	8	13.2	0.0		66
16/12/2023 16:50	9.8	274	9	12.8	0.0		65
16/12/2023 17:00	10.5	276	7	13.3	0.0		66
16/12/2023 17:10	10.0	276	6	13.0	0.0		67
16/12/2023 17:20	10.0	274	7	13.6	0.0		67
16/12/2023 17:30	10.1	269	7	13.0	0.0		68
16/12/2023 17:40	9.5	269	8	13.0	0.0		69
16/12/2023 17:50	10.0	277	6	13.5	0.0		69
16/12/2023 18:00	9.4	270	7	12.9	0.0		69
16/12/2023 18:10	8.7	270	9	12.2	0.0		70
16/12/2023 18:20	9.0	269	8	12.0	0.0		70
16/12/2023 18:30	9.1	267	6	12.3	0.0		70
16/12/2023 18:40	8.5	265	9	11.7	0.0		70
16/12/2023 18:50	8.9	261	8	11.8	0.0		70
16/12/2023 19:00	9.4	263	7	12.0	0.0		70
16/12/2023 19:10	9.1	263	6	12.1	0.0		70
16/12/2023 19:20	8.9	265	7	11.6	0.0		70
16/12/2023 19:30	9.1	262	7	11.8	0.0		70
16/12/2023 19:40	8.4	259	7	11.6	0.0		70
16/12/2023 19:50	9.0	257	7	11.7	0.0		70
16/12/2023 20:00	8.8	264	7	11.7	0.0		70
16/12/2023 20:10	9.0	258	6	11.4	0.0		70
16/12/2023 20:20	7.8	265	7	10.5	0.0		70
16/12/2023 20:30	7.7	265	7	10.1	0.0		70
16/12/2023 20:40	7.9	264	7	10.5	0.0		71
16/12/2023 20:50	8.1	262	7	10.7	0.0		71
16/12/2023 21:00	8.8	266	6	10.7	0.0		71
16/12/2023 21:10	8.0	270	7	10.9	0.0		71
16/12/2023 21:20	8.7	272	5	11.1	0.0		71
16/12/2023 21:30	7.8	266	7	10.4	0.0		71
16/12/2023 21:40	8.1	270	6	10.6	0.0		71
16/12/2023 21:50	7.6	265	9	10.6	0.0		70
16/12/2023 22:00	7.7	267	8	11.7	0.0		70
16/12/2023 22:10	8.0	256	7	9.9	0.0		70
16/12/2023 22:20	8.1	261	7	10.3	0.0		70
16/12/2023 22:30	8.8	260	6	10.8	0.0		70
16/12/2023 22:40	8.2	258	6	10.8	0.0		70
16/12/2023 22:50	8.0	256	7	10.6	0.0		70
16/12/2023 23:00	7.5	261	7	9.5	0.0		70
16/12/2023 23:10	7.2	255	7	10.3	0.0		70
16/12/2023 23:20	8.0	264	8	10.1	0.0		70
16/12/2023 23:30	7.4	267	8	9.5	0.0		70
16/12/2023 23:40	6.9	260	7	9.0	0.0		70
16/12/2023 23:50	7.6	262	7	9.7	0.0		70
17/12/2023 00:00	7.4	256	6	9.9	0.0		70
17/12/2023 00:10	6.6	262	7	9.0	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/12/2023 00:20	6.9	268	9	9.2	0.0		69
17/12/2023 00:30	6.1	268	7	7.7	0.0		69
17/12/2023 00:40	5.7	269	6	7.6	0.0		70
17/12/2023 00:50	5.3	268	9	7.4	0.0		70
17/12/2023 01:00	5.4	271	7	7.2	0.0		70
17/12/2023 01:10	5.6	271	7	7.5	0.0		71
17/12/2023 01:20	6.1	263	7	8.1	0.0		70
17/12/2023 01:30	5.5	270	8	6.9	0.0		70
17/12/2023 01:40	4.7	254	10	6.3	0.0		71
17/12/2023 01:50	4.8	247	11	6.7	0.0		71
17/12/2023 02:00	3.8	252	10	5.6	0.0		71
17/12/2023 02:10	3.6	260	6	5.8	0.0		71
17/12/2023 02:20	5.3	268	7	7.2	0.0		71
17/12/2023 02:30	5.0	260	9	6.9	0.0		71
17/12/2023 02:40	5.4	254	9	8.5	0.0		71
17/12/2023 02:50	4.7	248	11	6.8	0.0		71
17/12/2023 03:00	4.6	248	10	6.5	0.0		71
17/12/2023 03:10	5.2	255	9	6.8	0.0		71
17/12/2023 03:20	5.3	251	9	7.2	0.0		71
17/12/2023 03:30	4.6	248	10	7.0	0.0		71
17/12/2023 03:40	6.2	256	12	9.0	0.0		70
17/12/2023 03:50	4.8	247	10	6.7	0.0		71
17/12/2023 04:00	5.3	243	12	7.7	0.0		71
17/12/2023 04:10	5.3	250	9	7.7	0.0		71
17/12/2023 04:20	5.8	249	8	8.3	0.0		70
17/12/2023 04:30	4.7	249	11	7.6	0.0		70
17/12/2023 04:40	5.2	251	9	7.3	0.0		69
17/12/2023 04:50	5.6	250	10	7.8	0.0		69
17/12/2023 05:00	6.0	255	8	7.8	0.0		69
17/12/2023 05:10	6.0	253	9	9.0	0.0		69
17/12/2023 05:20	6.3	253	8	8.8	0.0		69
17/12/2023 05:30	6.2	252	7	8.6	0.0		68
17/12/2023 05:40	6.2	252	7	9.3	0.0		69
17/12/2023 05:50	6.3	250	7	9.3	0.0		68
17/12/2023 06:00	5.7	246	9	7.7	0.0		68
17/12/2023 06:10	5.3	246	10	8.0	0.0		68
17/12/2023 06:20	5.5	238	10	8.2	0.0		68
17/12/2023 06:30	6.4	237	9	9.3	0.0		68
17/12/2023 06:40	6.2	239	9	9.4	0.0		68
17/12/2023 06:50	6.6	239	10	9.2	0.0		68
17/12/2023 07:00	6.7	238	10	9.6	0.0		67
17/12/2023 07:10	7.0	237	10	9.5	0.0		67
17/12/2023 07:20	7.0	237	10	10.5	0.0		66
17/12/2023 07:30	7.6	237	9	10.2	0.0		65
17/12/2023 07:40	7.4	240	10	10.1	0.0		65
17/12/2023 07:50	7.2	243	10	9.9	0.0		65
17/12/2023 08:00	7.7	254	10	10.1	0.0		63
17/12/2023 08:10	8.4	257	6	11.1	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/12/2023 08:20	8.3	255	9	10.5	0.0		63
17/12/2023 08:30	8.4	263	8	10.7	0.0		61
17/12/2023 08:40	8.6	256	10	11.0	0.0		59
17/12/2023 08:50	8.9	265	9	11.8	0.0		60
17/12/2023 09:00	9.5	264	7	11.8	0.0		62
17/12/2023 09:10	9.4	256	8	12.2	0.0		61
17/12/2023 09:20	9.8	264	6	12.6	0.0		60
17/12/2023 09:30	10.0	265	7	12.3	0.0		56
17/12/2023 09:40	9.7	264	8	11.9	0.0		53
17/12/2023 09:50	9.8	263	6	12.8	0.0		52
17/12/2023 10:00	9.7	264	8	12.4	0.0		54
17/12/2023 10:10	9.7	273	8	12.9	0.0		56
17/12/2023 10:20	9.9	275	8	13.2	0.0		58
17/12/2023 10:30	10.4	270	7	12.8	0.0		58
17/12/2023 10:40	10.3	275	7	13.0	0.0		56
17/12/2023 10:50	10.2	274	9	13.1	0.0		56
17/12/2023 11:00	10.5	274	9	13.1	0.0		56
17/12/2023 11:10	10.0	279	9	13.2	0.0		56
17/12/2023 11:20	10.5	276	8	13.8	0.0		57
17/12/2023 11:30	10.6	275	7	13.7	0.0		56
17/12/2023 11:40	11.1	278	6	13.9	0.0		57
17/12/2023 11:50	10.7	274	8	14.1	0.0		57
17/12/2023 12:00	10.7	274	8	13.9	0.0		56
17/12/2023 12:10	10.8	275	7	14.0	0.0		58
17/12/2023 12:20	11.2	276	6	14.0	0.0		57
17/12/2023 12:30	10.7	273	7	14.0	0.0		56
17/12/2023 12:40	11.0	271	8	14.1	0.0		57
17/12/2023 12:50	11.0	276	8	14.4	0.0		58
17/12/2023 13:00	11.3	272	10	14.8	0.0		58
17/12/2023 13:10	11.2	276	8	15.1	0.0		55
17/12/2023 13:20	11.5	275	8	14.8	0.0		57
17/12/2023 13:30	11.2	277	8	15.2	0.0		57
17/12/2023 13:40	11.5	267	7	14.8	0.0		57
17/12/2023 13:50	11.7	270	7	14.7	0.0		56
17/12/2023 14:00	12.1	271	8	15.7	0.0		56
17/12/2023 14:10	12.2	271	7	15.9	0.1		58
17/12/2023 14:20	11.9	271	8	15.0	0.0		58
17/12/2023 14:30	12.1	270	7	16.1	0.0		57
17/12/2023 14:40	12.0	275	7	15.5	0.0		56
17/12/2023 14:50	12.6	272	7	15.8	0.0		54
17/12/2023 15:00	11.9	271	8	15.6	0.0		51
17/12/2023 15:10	12.1	275	7	15.6	0.0		46
17/12/2023 15:20	12.5	275	7	16.3	0.0		42
17/12/2023 15:30	11.3	275	7	16.2	0.0		43
17/12/2023 15:40	11.6	274	7	15.5	0.0		42
17/12/2023 15:50	11.7	270	7	15.3	0.0		44
17/12/2023 16:00	12.0	267	7	15.4	0.0		47
17/12/2023 16:10	11.9	266	7	15.4	0.0		48



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
17/12/2023 16:20	12.1	274	8	15.6	0.0		50
17/12/2023 16:30	12.7	279	5	16.2	0.0		50
17/12/2023 16:40	11.9	271	7	15.7	0.0		53
17/12/2023 16:50	11.2	269	7	15.8	0.0		55
17/12/2023 17:00	11.6	273	8	14.9	0.0		57
17/12/2023 17:10	11.1	272	7	14.9	0.0		58
17/12/2023 17:20	12.5	268	7	16.3	0.1		59
17/12/2023 17:30	11.6	269	6	15.9	0.0		60
17/12/2023 17:40	11.1	272	7	14.1	0.0		61
17/12/2023 17:50	11.4	273	7	16.0	0.0		60
17/12/2023 18:00	10.1	272	8	14.2	0.0		61
17/12/2023 18:10	11.1	275	6	14.6	0.0		61
17/12/2023 18:20	9.8	269	7	14.2	0.0		61
17/12/2023 18:30	10.5	271	6	13.7	0.0		62
17/12/2023 18:40	10.7	268	6	14.3	0.0		63
17/12/2023 18:50	10.9	271	6	15.0	0.0		62
17/12/2023 19:00	10.8	272	6	15.0	0.0		64
17/12/2023 19:10	10.9	269	6	14.3	0.0		64
17/12/2023 19:20	10.2	266	6	14.4	0.0		63
17/12/2023 19:30	10.8	270	6	14.3	0.0		64
17/12/2023 19:40	10.3	266	6	13.3	0.0		64
17/12/2023 19:50	10.5	267	7	14.6	0.0		63
17/12/2023 20:00	11.0	268	6	15.1	0.0		66
17/12/2023 20:10	11.1	266	6	14.5	0.0		67
17/12/2023 20:20	10.2	265	6	13.1	0.0		68
17/12/2023 20:30	11.0	262	6	14.5	0.0		67
17/12/2023 20:40	9.6	266	6	13.1	0.0		67
17/12/2023 20:50	10.5	270	5	13.7	0.0		68
17/12/2023 21:00	10.7	265	6	14.1	0.0		66
17/12/2023 21:10	9.5	269	6	12.8	0.0		68
17/12/2023 21:20	9.7	267	6	12.7	0.0		68
17/12/2023 21:30	10.0	269	7	13.8	0.0		69
17/12/2023 21:40	9.7	268	6	12.7	0.0		69
17/12/2023 21:50	9.1	265	7	12.5	0.0		69
17/12/2023 22:00	9.3	266	7	12.7	0.0		68
17/12/2023 22:10	8.9	264	7	12.6	0.0		68
17/12/2023 22:20	9.3	263	6	12.0	0.0		68
17/12/2023 22:30	9.2	264	6	11.7	0.0		69
17/12/2023 22:40	9.0	265	6	12.4	0.0		69
17/12/2023 22:50	8.6	257	7	11.2	0.0		69
17/12/2023 23:00	8.5	262	7	11.6	0.0		70
17/12/2023 23:10	9.2	260	7	11.8	0.0		70
17/12/2023 23:20	8.9	257	6	11.3	0.0		70
17/12/2023 23:30	8.4	258	6	11.8	0.0		70
17/12/2023 23:40	8.4	260	7	10.9	0.0		70
17/12/2023 23:50	8.7	258	7	12.2	0.0		70
18/12/2023 00:00	7.1	255	7	9.8	0.0		70
18/12/2023 00:10	6.3	251	9	8.4	0.0		70



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/12/2023 00:20	6.6	255	7	8.4	0.0		70
18/12/2023 00:30	6.0	256	7	8.0	0.0		71
18/12/2023 00:40	6.9	255	7	9.5	0.0		71
18/12/2023 00:50	6.7	253	8	9.4	0.0		72
18/12/2023 01:00	7.4	253	7	9.8	0.0		72
18/12/2023 01:10	7.0	254	8	9.1	0.0		71
18/12/2023 01:20	7.4	252	7	9.8	0.0		70
18/12/2023 01:30	7.0	251	8	9.5	0.0		69
18/12/2023 01:40	6.4	253	8	9.2	0.0		69
18/12/2023 01:50	7.1	250	8	10.1	0.0		69
18/12/2023 02:00	7.4	251	7	9.6	0.0		68
18/12/2023 02:10	7.2	254	8	9.1	0.0		69
18/12/2023 02:20	6.8	256	7	8.7	0.0		69
18/12/2023 02:30	6.5	251	6	8.7	0.0		70
18/12/2023 02:40	6.5	253	7	8.1	0.0		70
18/12/2023 02:50	6.6	250	7	8.8	0.0		70
18/12/2023 03:00	7.2	252	7	9.8	0.0		69
18/12/2023 03:10	6.4	253	8	8.6	0.0		68
18/12/2023 03:20	7.1	255	7	9.8	0.0		68
18/12/2023 03:30	7.8	255	6	9.8	0.0		68
18/12/2023 03:40	7.5	256	6	9.8	0.0		69
18/12/2023 03:50	6.8	253	7	9.8	0.0		69
18/12/2023 04:00	7.3	254	7	9.5	0.0		66
18/12/2023 04:10	6.9	254	7	9.2	0.0		67
18/12/2023 04:20	6.8	254	6	9.2	0.0		67
18/12/2023 04:30	6.8	251	8	9.2	0.0		65
18/12/2023 04:40	7.0	252	7	9.5	0.0		67
18/12/2023 04:50	6.8	252	8	9.0	0.0		66
18/12/2023 05:00	6.2	252	7	8.5	0.0		66
18/12/2023 05:10	6.4	255	6	8.3	0.0		66
18/12/2023 05:20	6.1	256	5	7.5	0.0		67
18/12/2023 05:30	5.4	255	7	7.5	0.0		68
18/12/2023 05:40	5.6	257	5	7.1	0.0		69
18/12/2023 05:50	5.3	256	7	7.7	0.0		69
18/12/2023 06:00	5.5	253	8	7.2	0.0		68
18/12/2023 06:10	5.4	255	6	6.9	0.0		68
18/12/2023 06:20	5.7	254	7	7.8	0.0		67
18/12/2023 06:30	5.6	254	8	7.9	0.0		67
18/12/2023 06:40	6.2	256	7	7.9	0.0		66
18/12/2023 06:50	5.9	254	7	7.4	0.0		65
18/12/2023 07:00	6.7	258	7	8.6	0.0		65
18/12/2023 07:10	6.5	258	6	8.7	0.0		64
18/12/2023 07:20	6.2	253	6	7.7	0.0		63
18/12/2023 07:30	6.8	257	8	8.8	0.0		63
18/12/2023 07:40	7.3	260	6	9.5	0.0		62
18/12/2023 07:50	7.7	259	7	9.5	0.0		63
18/12/2023 08:00	7.6	260	7	9.1	0.0		62
18/12/2023 08:10	8.3	262	7	10.6	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/12/2023 08:20	8.0	263	8	10.3	0.0		62
18/12/2023 08:30	8.4	260	8	10.7	0.0		63
18/12/2023 08:40	8.5	266	7	10.8	0.0		63
18/12/2023 08:50	8.2	265	7	10.2	0.0		63
18/12/2023 09:00	7.5	263	7	10.4	0.0		62
18/12/2023 09:10	8.3	269	7	11.0	0.0		62
18/12/2023 09:20	8.5	266	9	11.3	0.0		61
18/12/2023 09:30	8.8	272	7	11.9	0.0		61
18/12/2023 09:40	9.2	270	7	11.7	0.0		61
18/12/2023 09:50	9.2	273	8	12.0	0.0		60
18/12/2023 10:00	9.1	271	8	12.0	0.0		60
18/12/2023 10:10	9.3	272	7	12.0	0.0		60
18/12/2023 10:20	9.4	276	9	12.3	0.0		61
18/12/2023 10:30	10.2	278	7	12.8	0.0		61
18/12/2023 10:40	9.4	276	8	12.4	0.0		60
18/12/2023 10:50	9.4	276	8	12.1	0.0		59
18/12/2023 11:00	9.9	276	8	12.4	0.0		61
18/12/2023 11:10	10.2	276	7	13.1	0.0		61
18/12/2023 11:20	10.4	272	6	14.3	0.0		61
18/12/2023 11:30	10.4	276	8	14.5	0.0		61
18/12/2023 11:40	9.7	275	9	12.7	0.0		59
18/12/2023 11:50	10.5	274	6	13.3	0.0		61
18/12/2023 12:00	10.6	276	7	13.4	0.0		60
18/12/2023 12:10	10.3	271	8	13.2	0.0		61
18/12/2023 12:20	10.6	271	7	13.8	0.0		61
18/12/2023 12:30	10.5	271	8	13.5	0.0		61
18/12/2023 12:40	10.4	274	7	13.3	0.0		60
18/12/2023 12:50	10.6	275	7	13.4	0.0		61
18/12/2023 13:00	10.2	279	9	12.4	0.0		61
18/12/2023 13:10	10.4	272	8	12.5	0.0		59
18/12/2023 13:20	10.5	272	9	13.4	0.0		58
18/12/2023 13:30	10.3	271	7	13.1	0.0		58
18/12/2023 13:40	10.4	272	7	13.5	0.0		58
18/12/2023 13:50	10.4	267	8	13.9	0.0		59
18/12/2023 14:00	10.8	270	7	13.7	0.0		60
18/12/2023 14:10	10.4	271	10	14.0	0.0		58
18/12/2023 14:20	10.4	272	8	13.8	0.0		57
18/12/2023 14:30	10.7	274	8	13.8	0.0		57
18/12/2023 14:40	11.5	267	6	14.4	0.0		59
18/12/2023 14:50	10.6	267	7	14.3	0.0		59
18/12/2023 15:00	10.4	269	9	13.6	0.0		58
18/12/2023 15:10	11.2	267	6	13.6	0.0		59
18/12/2023 15:20	10.9	265	7	14.4	0.0		60
18/12/2023 15:30	11.0	273	6	13.8	0.0		60
18/12/2023 15:40	10.8	268	7	13.1	0.0		59
18/12/2023 15:50	10.0	270	7	12.7	0.0		59
18/12/2023 16:00	10.1	267	7	13.0	0.0		58
18/12/2023 16:10	11.0	268	7	13.6	0.0		58



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
18/12/2023 16:20	10.9	267	6	13.5	0.0		59
18/12/2023 16:30	9.9	268	8	12.9	0.0		59
18/12/2023 16:40	9.9	270	7	13.1	0.0		59
18/12/2023 16:50	10.6	271	7	13.7	0.0		60
18/12/2023 17:00	10.4	272	7	13.7	0.0		60
18/12/2023 17:10	10.2	273	7	12.7	0.0		61
18/12/2023 17:20	9.3	273	7	12.2	0.0		61
18/12/2023 17:30	9.4	269	7	11.8	0.0		62
18/12/2023 17:40	9.9	274	7	12.3	0.0		64
18/12/2023 17:50	9.6	273	5	12.4	0.0		64
18/12/2023 18:00	9.1	276	7	12.4	0.0		64
18/12/2023 18:10	8.7	278	8	11.8	0.0		65
18/12/2023 18:20	8.8	274	6	11.1	0.0		66
18/12/2023 18:30	7.9	274	7	10.2	0.0		67
18/12/2023 18:40	8.1	273	8	10.7	0.0		68
18/12/2023 18:50	8.8	272	6	11.6	0.0		69
18/12/2023 19:00	8.6	279	7	11.7	0.0		69
18/12/2023 19:10	7.9	279	8	10.8	0.0		69
18/12/2023 19:20	7.7	281	7	10.7	0.0		69
18/12/2023 19:30	8.8	280	7	11.3	0.0		69
18/12/2023 19:40	8.0	282	8	10.6	0.0		69
18/12/2023 19:50	8.4	281	7	11.7	0.0		70
18/12/2023 20:00	9.0	274	7	11.7	0.0		70
18/12/2023 20:10	8.6	280	7	11.3	0.0		71
18/12/2023 20:20	8.9	280	6	11.4	0.0		71
18/12/2023 20:30	8.9	278	7	11.6	0.0		71
18/12/2023 20:40	7.8	281	6	10.8	0.0		72
18/12/2023 20:50	8.2	270	7	11.1	0.0		71
18/12/2023 21:00	8.2	269	7	11.0	0.0		71
18/12/2023 21:10	8.2	276	7	11.1	0.0		71
18/12/2023 21:20	8.4	271	6	11.3	0.0		71
18/12/2023 21:30	7.7	272	7	10.9	0.0		71
18/12/2023 21:40	8.3	275	7	10.7	0.0		70
18/12/2023 21:50	8.2	266	7	10.4	0.0		70
18/12/2023 22:00	8.1	268	6	10.5	0.0		70
18/12/2023 22:10	7.7	272	6	10.0	0.0		70
18/12/2023 22:20	7.6	271	6	10.4	0.0		71
18/12/2023 22:30	7.4	269	7	10.1	0.0		71
18/12/2023 22:40	8.0	268	6	10.3	0.0		71
18/12/2023 22:50	7.8	269	5	10.6	0.0		71
18/12/2023 23:00	8.0	268	6	11.5	0.0		71
18/12/2023 23:10	8.1	266	6	10.3	0.0		71
18/12/2023 23:20	8.3	267	5	10.7	0.0		72
18/12/2023 23:30	8.4	267	5	10.3	0.0		72
18/12/2023 23:40	7.2	262	6	10.2	0.0		72
18/12/2023 23:50	7.4	262	6	9.9	0.0		72
19/12/2023 00:00	7.5	263	6	11.0	0.0		72
19/12/2023 00:10	7.9	258	6	10.6	0.0		72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/12/2023 00:20	7.8	257	7	9.8	0.0		72
19/12/2023 00:30	7.5	255	7	9.7	0.0		72
19/12/2023 00:40	7.4	259	7	9.9	0.0		71
19/12/2023 00:50	6.9	256	7	9.5	0.0		72
19/12/2023 01:00	7.3	260	7	9.8	0.0		72
19/12/2023 01:10	7.0	255	6	8.9	0.0		72
19/12/2023 01:20	6.4	255	7	8.6	0.0		72
19/12/2023 01:30	6.4	257	6	8.1	0.0		72
19/12/2023 01:40	6.2	255	7	8.8	0.0		72
19/12/2023 01:50	6.3	256	8	8.9	0.0		72
19/12/2023 02:00	5.4	252	9	6.9	0.0		72
19/12/2023 02:10	5.5	253	8	7.8	0.0		72
19/12/2023 02:20	5.6	254	8	7.4	0.0		72
19/12/2023 02:30	5.8	252	8	7.9	0.0		72
19/12/2023 02:40	5.5	255	6	7.3	0.0		72
19/12/2023 02:50	5.1	252	8	7.3	0.0		72
19/12/2023 03:00	4.9	253	8	7.2	0.0		72
19/12/2023 03:10	5.4	252	8	7.1	0.0		72
19/12/2023 03:20	5.1	252	9	7.0	0.0		72
19/12/2023 03:30	5.0	252	8	7.5	0.0		71
19/12/2023 03:40	5.3	254	8	7.6	0.0		70
19/12/2023 03:50	5.9	256	7	7.9	0.0		70
19/12/2023 04:00	5.9	256	5	8.1	0.0		71
19/12/2023 04:10	6.0	255	6	7.7	0.0		71
19/12/2023 04:20	5.9	253	6	7.8	0.0		71
19/12/2023 04:30	5.8	255	6	8.7	0.0		71
19/12/2023 04:40	6.0	255	6	7.9	0.0		71
19/12/2023 04:50	5.3	255	6	6.9	0.0		71
19/12/2023 05:00	5.8	256	6	7.5	0.0		72
19/12/2023 05:10	5.7	254	7	7.3	0.0		71
19/12/2023 05:20	6.0	253	7	7.7	0.0		69
19/12/2023 05:30	5.6	252	6	7.5	0.0		69
19/12/2023 05:40	5.4	253	7	7.3	0.0		69
19/12/2023 05:50	5.4	253	6	7.2	0.0		70
19/12/2023 06:00	5.3	254	6	7.5	0.0		72
19/12/2023 06:10	5.4	254	6	7.0	0.0		72
19/12/2023 06:20	5.8	254	6	7.9	0.0		72
19/12/2023 06:30	6.1	255	7	8.3	0.0		70
19/12/2023 06:40	6.3	255	7	8.8	0.0		68
19/12/2023 06:50	6.1	255	6	7.7	0.0		66
19/12/2023 07:00	6.4	254	6	8.7	0.0		65
19/12/2023 07:10	6.9	254	7	8.6	0.0		63
19/12/2023 07:20	7.5	253	8	9.2	0.0		61
19/12/2023 07:30	7.2	255	8	9.1	0.0		60
19/12/2023 07:40	7.7	255	7	9.4	0.0		58
19/12/2023 07:50	8.0	255	7	10.0	0.0		58
19/12/2023 08:00	7.4	257	7	9.0	0.0		58
19/12/2023 08:10	7.4	262	8	10.8	0.0		60



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/12/2023 08:20	7.4	261	10	9.7	0.0		59
19/12/2023 08:30	7.9	264	7	10.3	0.0		57
19/12/2023 08:40	7.9	265	8	10.4	0.0		56
19/12/2023 08:50	8.1	264	9	10.8	0.0		56
19/12/2023 09:00	8.0	258	9	10.8	0.0		56
19/12/2023 09:10	7.9	263	9	10.3	0.0		58
19/12/2023 09:20	7.8	268	10	10.1	0.0		58
19/12/2023 09:30	7.9	272	9	10.0	0.0		57
19/12/2023 09:40	8.1	273	7	10.2	0.0		57
19/12/2023 09:50	8.1	274	9	11.0	0.0		57
19/12/2023 10:00	8.1	278	9	10.9	0.0		56
19/12/2023 10:10	8.6	278	8	10.5	0.0		58
19/12/2023 10:20	8.6	280	9	11.0	0.0		60
19/12/2023 10:30	8.3	280	8	10.8	0.0		59
19/12/2023 10:40	8.8	278	6	11.0	0.0		60
19/12/2023 10:50	8.8	277	7	11.1	0.0		60
19/12/2023 11:00	8.1	277	9	11.7	0.0		59
19/12/2023 11:10	9.0	276	7	10.8	0.0		60
19/12/2023 11:20	8.9	278	9	11.8	0.0		59
19/12/2023 11:30	9.3	277	7	11.2	0.0		60
19/12/2023 11:40	8.9	285	8	11.1	0.0		61
19/12/2023 11:50	9.0	280	7	12.0	0.0		60
19/12/2023 12:00	9.3	272	7	11.5	0.0		60
19/12/2023 12:10	9.5	270	6	11.4	0.0		60
19/12/2023 12:20	9.4	270	9	11.4	0.0		61
19/12/2023 12:30	9.2	275	9	12.1	0.0		61
19/12/2023 12:40	9.0	273	9	11.6	0.0		61
19/12/2023 12:50	9.1	268	7	11.6	0.0		63
19/12/2023 13:00	9.0	268	8	11.5	0.0		62
19/12/2023 13:10	8.9	267	8	11.7	0.0		62
19/12/2023 13:20	9.0	274	9	11.2	0.0		60
19/12/2023 13:30	8.6	267	9	11.2	0.0		60
19/12/2023 13:40	9.5	267	7	11.3	0.0		61
19/12/2023 13:50	9.3	262	6	11.6	0.0		62
19/12/2023 14:00	9.3	268	5	11.6	0.0		58
19/12/2023 14:10	8.8	268	8	11.1	0.0		58
19/12/2023 14:20	8.7	272	10	11.1	0.0		58
19/12/2023 14:30	9.5	270	6	11.8	0.0		59
19/12/2023 14:40	9.7	265	8	12.5	0.0		59
19/12/2023 14:50	9.5	269	7	11.6	0.0		59
19/12/2023 15:00	9.8	268	7	12.2	0.0		61
19/12/2023 15:10	9.8	265	8	12.2	0.1		62
19/12/2023 15:20	9.6	268	7	12.3	0.0		63
19/12/2023 15:30	10.1	268	7	12.5	0.0		63
19/12/2023 15:40	10.3	267	8	13.6	0.0		64
19/12/2023 15:50	10.2	266	8	12.7	0.0		63
19/12/2023 16:00	10.3	269	6	13.1	0.0		64
19/12/2023 16:10	10.7	270	8	13.3	0.0		65



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
19/12/2023 16:20	10.2	270	7	12.7	0.0		65
19/12/2023 16:30	10.0	274	9	12.9	0.0		65
19/12/2023 16:40	10.3	274	7	13.0	0.0		66
19/12/2023 16:50	9.6	273	7	12.4	0.0		67
19/12/2023 17:00	10.3	276	7	12.9	0.0		67
19/12/2023 17:10	10.1	268	7	12.7	0.0		67
19/12/2023 17:20	9.6	271	8	12.7	0.0		67
19/12/2023 17:30	9.4	269	7	12.2	0.0		67
19/12/2023 17:40	9.3	270	8	11.9	0.0		68
19/12/2023 17:50	9.6	270	8	13.3	0.0		68
19/12/2023 18:00	9.3	269	7	11.6	0.0		68
19/12/2023 18:10	9.1	272	7	12.2	0.0		69
19/12/2023 18:20	9.0	272	7	11.6	0.0		70
19/12/2023 18:30	9.0	274	7	11.7	0.0		70
19/12/2023 18:40	8.4	275	8	11.5	0.0		71
19/12/2023 18:50	8.1	270	7	11.0	0.0		71
19/12/2023 19:00	8.1	264	6	10.1	0.0		71
19/12/2023 19:10	8.9	265	5	10.9	0.0		71
19/12/2023 19:20	8.1	269	8	10.8	0.0		71
19/12/2023 19:30	8.1	270	7	11.1	0.0		71
19/12/2023 19:40	8.5	266	6	11.4	0.0		70
19/12/2023 19:50	8.6	265	6	10.6	0.0		70
19/12/2023 20:00	8.2	268	8	10.6	0.0		71
19/12/2023 20:10	8.4	265	7	10.9	0.0		71
19/12/2023 20:20	8.2	267	6	11.1	0.0		70
19/12/2023 20:30	8.7	265	6	11.6	0.0		70
19/12/2023 20:40	7.8	268	6	10.9	0.0		70
19/12/2023 20:50	7.7	268	8	10.6	0.0		69
19/12/2023 21:00	8.4	268	6	10.7	0.0		69
19/12/2023 21:10	7.2	266	6	9.1	0.0		70
19/12/2023 21:20	7.7	266	6	10.5	0.0		70
19/12/2023 21:30	7.6	264	5	10.1	0.0		70
19/12/2023 21:40	8.4	262	6	10.9	0.0		71
19/12/2023 21:50	8.3	264	6	10.9	0.0		71
19/12/2023 22:00	7.7	260	7	10.1	0.0		71
19/12/2023 22:10	8.0	260	7	10.6	0.0		72
19/12/2023 22:20	8.5	267	5	11.0	0.0		72
19/12/2023 22:30	8.0	262	7	10.9	0.0		72
19/12/2023 22:40	8.0	265	7	11.0	0.0		72
19/12/2023 22:50	8.5	267	5	10.8	0.0		72
19/12/2023 23:00	7.7	264	7	10.6	0.0		72
19/12/2023 23:10	8.1	260	6	10.8	0.0		72
19/12/2023 23:20	7.8	265	6	10.5	0.0		72
19/12/2023 23:30	8.6	266	7	10.7	0.0		71
19/12/2023 23:40	8.4	262	6	11.0	0.0		71
19/12/2023 23:50	9.1	260	5	11.8	0.0		72
20/12/2023 00:00	8.2	258	7	10.7	0.0		72
20/12/2023 00:10	7.8	259	6	10.3	0.0		72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/12/2023 00:20	8.0	259	6	10.7	0.0		72
20/12/2023 00:30	7.1	256	6	9.6	0.0		72
20/12/2023 00:40	7.1	254	7	9.4	0.0		72
20/12/2023 00:50	7.2	255	6	9.2	0.0		72
20/12/2023 01:00	6.8	253	7	8.6	0.0		72
20/12/2023 01:10	6.7	249	10	9.5	0.0		72
20/12/2023 01:20	6.4	251	9	9.5	0.0		72
20/12/2023 01:30	6.4	252	7	8.9	0.0		73
20/12/2023 01:40	6.6	251	8	9.0	0.0		73
20/12/2023 01:50	6.6	253	7	8.8	0.0		73
20/12/2023 02:00	6.6	249	10	10.0	0.0		73
20/12/2023 02:10	6.6	250	10	10.0	0.0		73
20/12/2023 02:20	5.8	246	10	9.0	0.0		73
20/12/2023 02:30	6.7	247	10	9.2	0.0		72
20/12/2023 02:40	6.5	246	11	9.0	0.0		72
20/12/2023 02:50	7.0	246	10	10.3	0.0		72
20/12/2023 03:00	7.2	248	9	10.1	0.0		73
20/12/2023 03:10	6.7	247	9	9.6	0.0		72
20/12/2023 03:20	6.8	250	8	10.1	0.0		72
20/12/2023 03:30	7.1	251	8	9.6	0.0		73
20/12/2023 03:40	7.0	250	9	9.5	0.0		73
20/12/2023 03:50	6.6	249	8	9.4	0.0		73
20/12/2023 04:00	6.0	248	9	8.8	0.0		73
20/12/2023 04:10	5.7	246	11	8.5	0.0		73
20/12/2023 04:20	6.1	249	9	8.2	0.0		73
20/12/2023 04:30	5.6	248	10	8.0	0.0		73
20/12/2023 04:40	6.0	252	7	8.4	0.0		73
20/12/2023 04:50	6.0	255	8	7.8	0.0		73
20/12/2023 05:00	5.1	257	7	7.5	0.0		72
20/12/2023 05:10	5.4	259	6	6.9	0.0		72
20/12/2023 05:20	5.1	259	6	6.8	0.0		72
20/12/2023 05:30	5.6	258	6	7.4	0.0		71
20/12/2023 05:40	5.3	261	5	6.9	0.0		72
20/12/2023 05:50	4.9	260	6	6.6	0.0		72
20/12/2023 06:00	5.1	259	5	6.4	0.0		72
20/12/2023 06:10	5.1	261	5	6.3	0.0		72
20/12/2023 06:20	5.0	260	6	6.5	0.0		72
20/12/2023 06:30	5.0	260	6	6.6	0.0		71
20/12/2023 06:40	4.9	259	7	6.3	0.0		70
20/12/2023 06:50	4.9	260	6	6.7	0.0		68
20/12/2023 07:00	5.4	261	6	6.5	0.0		67
20/12/2023 07:10	5.8	259	5	7.2	0.0		65
20/12/2023 07:20	5.8	259	7	7.1	0.0		64
20/12/2023 07:30	5.8	265	7	7.6	0.0		63
20/12/2023 07:40	6.3	265	8	7.9	0.0		62
20/12/2023 07:50	6.6	259	6	8.3	0.0		61
20/12/2023 08:00	6.4	263	8	8.3	0.0		62
20/12/2023 08:10	7.0	263	9	8.8	0.0		62



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/12/2023 08:20	7.4	266	8	9.7	0.0		61
20/12/2023 08:30	7.5	256	8	9.7	0.0		61
20/12/2023 08:40	7.5	265	8	9.5	0.0		61
20/12/2023 08:50	7.4	263	7	9.8	0.0		62
20/12/2023 09:00	7.8	266	10	10.0	0.0		61
20/12/2023 09:10	7.7	271	8	9.7	0.0		62
20/12/2023 09:20	8.3	277	8	10.9	0.0		61
20/12/2023 09:30	7.8	276	7	10.6	0.0		62
20/12/2023 09:40	7.3	273	9	9.8	0.0		62
20/12/2023 09:50	7.7	271	9	10.4	0.0		62
20/12/2023 10:00	8.0	271	8	9.9	0.0		63
20/12/2023 10:10	7.5	279	9	10.2	0.0		63
20/12/2023 10:20	8.2	269	7	10.5	0.0		63
20/12/2023 10:30	8.0	272	8	10.4	0.0		62
20/12/2023 10:40	8.3	270	8	10.4	0.0		63
20/12/2023 10:50	8.6	274	8	10.8	0.0		63
20/12/2023 11:00	8.2	270	9	10.5	0.0		63
20/12/2023 11:10	8.7	276	7	11.0	0.0		62
20/12/2023 11:20	9.1	275	8	11.4	0.0		62
20/12/2023 11:30	8.9	265	5	11.4	0.0		62
20/12/2023 11:40	8.9	267	9	11.9	0.0		62
20/12/2023 11:50	9.3	272	8	11.8	0.0		63
20/12/2023 12:00	9.3	271	10	11.9	0.0		63
20/12/2023 12:10	9.6	271	9	11.9	0.0		64
20/12/2023 12:20	9.6	273	7	13.1	0.0		63
20/12/2023 12:30	10.2	273	9	12.8	0.0		62
20/12/2023 12:40	9.9	276	8	13.0	0.0		62
20/12/2023 12:50	10.6	273	9	13.0	0.0		63
20/12/2023 13:00	9.8	273	11	12.3	0.0		63
20/12/2023 13:10	10.0	271	8	13.2	0.0		62
20/12/2023 13:20	10.3	271	8	13.4	0.0		62
20/12/2023 13:30	11.4	267	8	14.9	0.0		63
20/12/2023 13:40	11.2	273	7	14.7	0.0		63
20/12/2023 13:50	11.0	272	7	13.7	0.0		63
20/12/2023 14:00	10.8	271	7	14.2	0.0		62
20/12/2023 14:10	11.1	266	7	14.3	0.0		63
20/12/2023 14:20	11.5	269	7	14.1	0.0		64
20/12/2023 14:30	10.6	270	8	14.4	0.0		64
20/12/2023 14:40	10.6	272	7	13.7	0.0		64
20/12/2023 14:50	10.5	273	8	14.0	0.0		62
20/12/2023 15:00	10.9	277	7	13.4	0.0		62
20/12/2023 15:10	10.7	279	7	13.6	0.0		62
20/12/2023 15:20	10.8	277	6	13.2	0.0		62
20/12/2023 15:30	10.2	277	6	13.6	0.0		61
20/12/2023 15:40	10.5	275	7	13.0	0.0		61
20/12/2023 15:50	10.0	274	5	13.0	0.0		61
20/12/2023 16:00	9.8	271	7	13.2	0.0		62
20/12/2023 16:10	10.0	272	9	13.4	0.0		63



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
20/12/2023 16:20	10.1	269	7	13.5	0.0		64
20/12/2023 16:30	10.1	268	8	13.1	0.0		64
20/12/2023 16:40	11.1	269	8	14.1	0.0		62
20/12/2023 16:50	11.9	267	6	14.4	0.0		63
20/12/2023 17:00	10.2	268	8	13.5	0.0		64
20/12/2023 17:10	10.9	269	5	13.5	0.0		62
20/12/2023 17:20	10.8	264	7	14.0	0.0		63
20/12/2023 17:30	11.1	265	6	14.1	0.0		64
20/12/2023 17:40	10.6	265	6	13.7	0.0		64
20/12/2023 17:50	10.7	265	6	14.3	0.0		66
20/12/2023 18:00	11.0	266	6	13.7	0.0		66
20/12/2023 18:10	10.1	266	6	13.0	0.0		66
20/12/2023 18:20	9.4	264	6	12.5	0.0		67
20/12/2023 18:30	10.0	264	6	13.3	0.0		68
20/12/2023 18:40	8.9	264	6	11.6	0.0		67
20/12/2023 18:50	9.4	269	6	11.8	0.0		67
20/12/2023 19:00	9.1	270	7	12.1	0.0		67
20/12/2023 19:10	9.2	270	5	11.7	0.0		68
20/12/2023 19:20	9.3	276	7	12.1	0.0		69
20/12/2023 19:30	9.0	274	7	12.4	0.0		70
20/12/2023 19:40	9.0	276	6	11.9	0.0		70
20/12/2023 19:50	7.6	272	7	10.8	0.0		71
20/12/2023 20:00	8.3	275	8	10.5	0.0		71
20/12/2023 20:10	7.8	275	8	10.3	0.0		71
20/12/2023 20:20	9.3	276	6	12.4	0.0		71
20/12/2023 20:30	8.3	276	7	12.3	0.0		71
20/12/2023 20:40	8.6	274	6	11.0	0.0		72
20/12/2023 20:50	8.8	271	6	11.7	0.0		72
20/12/2023 21:00	9.1	271	6	11.4	0.0		72
20/12/2023 21:10	9.1	270	5	11.9	0.0		72
20/12/2023 21:20	9.0	267	5	11.8	0.0		72
20/12/2023 21:30	8.6	269	6	12.0	0.0		72
20/12/2023 21:40	8.7	270	6	12.1	0.0		72
20/12/2023 21:50	9.2	270	5	12.1	0.0		72
20/12/2023 22:00	9.0	267	6	11.5	0.0		72
20/12/2023 22:10	9.3	265	6	11.7	0.0		72
20/12/2023 22:20	8.6	267	5	11.9	0.0		72
20/12/2023 22:30	8.3	270	5	10.6	0.0		72
20/12/2023 22:40	8.2	267	7	11.1	0.0		72
20/12/2023 22:50	7.0	266	7	9.4	0.0		72
20/12/2023 23:00	7.5	266	6	10.3	0.0		72
20/12/2023 23:10	8.5	268	6	11.1	0.0		72
20/12/2023 23:20	8.4	270	6	11.0	0.0		72
20/12/2023 23:30	8.4	266	7	10.2	0.0		72
20/12/2023 23:40	7.7	263	7	10.2	0.0		72
20/12/2023 23:50	8.5	264	7	10.7	0.0		72
21/12/2023 00:00	8.4	264	7	10.6	0.0		72
21/12/2023 00:10	7.8	265	6	10.5	0.0		72



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/12/2023 00:20	7.4	266	7	9.7	0.0		72
21/12/2023 00:30	7.9	261	6	10.3	0.0		72
21/12/2023 00:40	8.3	263	6	10.8	0.0		72
21/12/2023 00:50	8.3	262	6	11.2	0.0		72
21/12/2023 01:00	8.4	265	7	11.5	0.0		72
21/12/2023 01:10	8.2	263	7	10.5	0.0		72
21/12/2023 01:20	7.9	260	8	10.7	0.0		72
21/12/2023 01:30	7.9	260	6	10.3	0.0		72
21/12/2023 01:40	9.0	259	7	12.7	0.0		72
21/12/2023 01:50	9.3	256	6	12.0	0.0		72
21/12/2023 02:00	8.9	256	6	11.4	0.0		72
21/12/2023 02:10	8.4	257	7	10.6	0.0		73
21/12/2023 02:20	8.0	256	7	10.3	0.0		73
21/12/2023 02:30	8.2	255	6	11.6	0.0		72
21/12/2023 02:40	7.6	251	7	9.7	0.0		72
21/12/2023 02:50	7.7	252	7	9.8	0.0		72
21/12/2023 03:00	7.9	253	7	10.8	0.0		73
21/12/2023 03:10	7.7	255	6	10.7	0.0		73
21/12/2023 03:20	7.6	253	8	10.1	0.0		73
21/12/2023 03:30	8.2	253	7	11.4	0.0		73
21/12/2023 03:40	8.0	255	7	10.8	0.0		73
21/12/2023 03:50	8.3	257	6	10.7	0.0		73
21/12/2023 04:00	8.5	254	6	11.1	0.0		73
21/12/2023 04:10	8.1	254	7	10.7	0.0		73
21/12/2023 04:20	7.4	254	7	10.1	0.0		73
21/12/2023 04:30	7.7	254	6	9.9	0.0		73
21/12/2023 04:40	7.8	254	7	10.1	0.0		72
21/12/2023 04:50	7.7	254	6	10.5	0.0		72
21/12/2023 05:00	8.0	254	7	11.0	0.0		71
21/12/2023 05:10	7.5	254	6	10.5	0.0		70
21/12/2023 05:20	7.6	256	6	10.9	0.0		69
21/12/2023 05:30	7.5	253	7	9.9	0.0		69
21/12/2023 05:40	7.1	255	6	9.0	0.0		69
21/12/2023 05:50	6.5	255	7	8.8	0.0		68
21/12/2023 06:00	6.4	253	7	8.8	0.0		68
21/12/2023 06:10	6.7	255	6	8.6	0.0		68
21/12/2023 06:20	6.5	255	6	8.6	0.0		67
21/12/2023 06:30	6.9	256	6	8.8	0.0		66
21/12/2023 06:40	6.9	255	7	9.1	0.0		66
21/12/2023 06:50	7.0	258	6	9.4	0.0		65
21/12/2023 07:00	6.5	259	6	8.4	0.0		65
21/12/2023 07:10	6.2	262	7	8.1	0.0		65
21/12/2023 07:20	6.4	262	6	8.0	0.0		64
21/12/2023 07:30	6.6	262	7	8.8	0.0		64
21/12/2023 07:40	7.4	268	6	9.1	0.0		63
21/12/2023 07:50	7.5	265	6	9.7	0.0		63
21/12/2023 08:00	8.1	264	6	9.5	0.0		62
21/12/2023 08:10	8.0	263	6	10.2	0.0		61



Yara Pilbara Nitrates- Western Boundary
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain	AT	RH
	m/s	°	°	m/s	mm	°C	%
21/12/2023 08:20	8.2	261	6	10.5	0.0		60
21/12/2023 08:30	8.4	260	6	11.4	0.0		59
21/12/2023 08:40	8.5	257	7	11.0	0.0		57
21/12/2023 08:50	8.6	259	7	10.9	0.0		56
21/12/2023 09:00	8.3	261	9	11.7	0.0		56
21/12/2023 09:10	8.4	264	7	11.4	0.0		55
21/12/2023 09:20	8.3	267	6	10.5	0.0		54
21/12/2023 09:30	8.3	270	6	10.1	0.0		54
21/12/2023 09:40	8.1	273	7	10.8	0.0		56
21/12/2023 09:50	8.5	282	6	11.0	0.0		58
21/12/2023 10:00	8.3	277	8	10.6	0.0		57
21/12/2023 10:10	8.9	276	7	12.3	0.0		57
21/12/2023 10:20	9.0	280	7	11.2	0.0		58
21/12/2023 10:30	9.1	281	6	11.3	0.0		59
21/12/2023 10:40	9.3	281	7	11.7	0.0		58
21/12/2023 10:50	9.1	282	6	11.9	0.0		60
21/12/2023 11:00	9.8	278	7	12.8	0.0		62
21/12/2023 11:10	9.6	277	6	12.4	0.0		63
21/12/2023 11:20	9.5	275	8	11.8	0.0		62
21/12/2023 11:30	10.3	274	7	14.7	0.0		63
21/12/2023 11:40	10.4	275	7	13.5	0.0		63
21/12/2023 11:50	9.9	269	7	13.2	0.0		62
21/12/2023 12:00	9.9	271	8	13.0	0.0		62
21/12/2023 12:10	10.1	274	8	12.8	0.0		62
21/12/2023 12:20	11.6	271	6	13.9	0.0		63
21/12/2023 12:30	11.2	273	7	13.9	0.0		63
21/12/2023 12:40	10.8	266	8	13.3	0.0		63
21/12/2023 12:50	10.8	270	8	14.2	0.0		64
21/12/2023 13:00	11.0	268	8	14.0	0.0		64
21/12/2023 13:10	10.6	274	8	13.2	0.0		64
21/12/2023 13:20	10.1	279	7	14.2	0.0		64
21/12/2023 13:30	10.6	279	7	12.9	0.0		65
21/12/2023 13:40	10.4	278	6	13.6	0.0		64
21/12/2023 13:50	10.2	277	7	13.0	0.0		65
21/12/2023 14:00	10.2	277	5	12.8	0.0		64
21/12/2023 14:10	9.9	274	7	12.7	0.0		65
21/12/2023 14:20	10.2	270	6	13.8	0.0		66
21/12/2023 14:30	9.5	274	10	13.2	0.0		64
21/12/2023 14:40	8.9	280	9	11.3	0.0		63
21/12/2023 14:50	8.2	291	8	11.7	0.0		61
21/12/2023 15:00	7.9	291	10	10.8	0.0		60
21/12/2023 15:10	7.9	316	11	11.6	0.0		63
21/12/2023 15:20	9.0	314	10	12.8	0.0		66
21/12/2023 15:30	8.8	312	12	13.1	0.0		67
21/12/2023 15:40	9.0	309	11	12.8	0.0		68
21/12/2023 15:50	8.1	306	11	12.1	0.0		68
21/12/2023 16:00	8.6	303	12	11.5	0.0		68
21/12/2023 16:10	9.1	308	10	12.8	0.0		68



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 06:20	5.5	102	12	8.4	0.00
11/12/2023 06:30	6.4	99	11	8.7	0.00
11/12/2023 06:40	5.5	103	14	8.7	0.00
11/12/2023 06:50	6.3	104	12	9.4	0.00
11/12/2023 07:00	6.7	97	11	9.4	0.00
11/12/2023 07:10	6.6	95	12	9.8	0.00
11/12/2023 07:20	7.5	106	12	10.3	0.00
11/12/2023 07:30	8.1	102	10	11.0	0.00
11/12/2023 07:40	8.0	101	12	11.3	0.00
11/12/2023 07:50	7.9	99	13	10.7	0.00
11/12/2023 08:00	8.4	100	11	11.1	0.00
11/12/2023 08:10	8.2	101	11	11.1	0.00
11/12/2023 08:20	8.0	99	11	10.8	0.00
11/12/2023 08:30	7.5	102	13	10.9	0.00
11/12/2023 08:40	7.6	96	14	10.6	0.00
11/12/2023 08:50	7.6	92	12	10.0	0.00
11/12/2023 09:00	8.1	92	12	10.8	0.00
11/12/2023 09:10	7.8	92	13	10.9	0.00
11/12/2023 09:20	7.7	90	12	11.7	0.00
11/12/2023 09:30	7.7	89	12	10.0	0.00
11/12/2023 09:40	7.6	89	12	10.7	0.00
11/12/2023 09:50	8.0	85	12	10.9	0.00
11/12/2023 10:00	7.7	87	13	10.3	0.00
11/12/2023 10:10	7.2	85	15	10.6	0.00
11/12/2023 10:20	7.5	86	13	10.3	0.00
11/12/2023 10:30	7.5	90	11	10.0	0.00
11/12/2023 10:40	7.4	84	12	9.7	0.00
11/12/2023 10:50	6.9	84	13	9.5	0.00
11/12/2023 11:00	7.4	79	11	10.5	0.00
11/12/2023 11:10	6.6	71	13	8.9	0.00
11/12/2023 11:20	7.1	76	15	9.5	0.00
11/12/2023 11:30	7.2	77	13	9.6	0.00
11/12/2023 11:40	6.7	72	11	8.9	0.00
11/12/2023 11:50	6.3	71	13	8.9	0.00
11/12/2023 12:00	6.6	70	14	8.7	0.00
11/12/2023 12:10	6.7	72	12	9.9	0.00
11/12/2023 12:20	6.5	64	15	9.1	0.00
11/12/2023 12:30	6.6	60	15	9.4	0.00
11/12/2023 12:40	6.7	67	14	8.7	0.00
11/12/2023 12:50	6.5	60	14	8.7	0.00
11/12/2023 13:00	6.8	66	12	9.6	0.00
11/12/2023 13:10	6.3	62	14	8.9	0.00
11/12/2023 13:20	6.3	60	16	9.8	0.00
11/12/2023 13:30	6.1	57	13	8.3	0.00
11/12/2023 13:40	6.7	59	13	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 13:50	6.2	58	12	8.0	0.00
11/12/2023 14:00	6.0	56	16	8.2	0.00
11/12/2023 14:10	6.1	57	13	8.4	0.00
11/12/2023 14:20	5.8	60	15	7.6	0.00
11/12/2023 14:30	6.4	59	13	8.5	0.00
11/12/2023 14:40	5.9	60	12	7.5	0.00
11/12/2023 14:50	5.6	59	14	7.7	0.00
11/12/2023 15:00	5.6	64	12	8.3	0.00
11/12/2023 15:10	5.4	59	12	7.1	0.00
11/12/2023 15:20	5.3	57	14	7.9	0.00
11/12/2023 15:30	5.1	57	14	7.3	0.00
11/12/2023 15:40	5.1	59	13	6.8	0.00
11/12/2023 15:50	4.0	12	32	7.1	0.00
11/12/2023 16:00	4.2	5	21	6.6	0.00
11/12/2023 16:10	4.3	358	21	6.0	0.00
11/12/2023 16:20	4.6	12	21	7.2	0.00
11/12/2023 16:30	4.6	4	23	6.6	0.00
11/12/2023 16:40	4.4	4	19	6.1	0.00
11/12/2023 16:50	4.4	10	22	7.0	0.00
11/12/2023 17:00	4.7	10	19	7.2	0.00
11/12/2023 17:10	4.6	11	21	7.1	0.00
11/12/2023 17:20	4.7	356	21	6.5	0.00
11/12/2023 17:30	4.7	348	21	8.1	0.00
11/12/2023 17:40	5.3	337	16	7.9	0.00
11/12/2023 17:50	5.1	176	16	7.2	0.00
11/12/2023 18:00	4.7	351	21	6.8	0.00
11/12/2023 18:10	5.0	353	20	7.4	0.00
11/12/2023 18:20	4.1	354	22	5.8	0.00
11/12/2023 18:30	4.5	352	18	6.4	0.00
11/12/2023 18:40	3.3	326	21	6.0	0.00
11/12/2023 18:50	4.5	298	15	6.1	0.00
11/12/2023 19:00	5.0	291	13	6.8	0.00
11/12/2023 19:10	4.4	280	15	6.0	0.00
11/12/2023 19:20	4.2	270	14	5.9	0.00
11/12/2023 19:30	3.6	277	14	5.4	0.00
11/12/2023 19:40	4.3	271	16	5.8	0.00
11/12/2023 19:50	3.9	265	14	5.5	0.00
11/12/2023 20:00	4.0	270	14	5.7	0.00
11/12/2023 20:10	4.1	263	11	6.0	0.00
11/12/2023 20:20	4.1	267	13	5.9	0.00
11/12/2023 20:30	4.5	263	11	6.0	0.00
11/12/2023 20:40	4.0	263	11	5.6	0.00
11/12/2023 20:50	4.1	262	11	5.6	0.00
11/12/2023 21:00	4.0	265	11	5.6	0.00
11/12/2023 21:10	4.1	259	10	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 21:20	3.7	264	12	5.4	0.00
11/12/2023 21:30	4.1	261	10	5.2	0.00
11/12/2023 21:40	4.0	261	10	4.9	0.00
11/12/2023 21:50	3.9	257	11	5.0	0.00
11/12/2023 22:00	3.9	261	11	4.8	0.00
11/12/2023 22:10	4.2	258	9	5.5	0.00
11/12/2023 22:20	4.5	261	9	5.6	0.00
11/12/2023 22:30	4.1	262	9	5.4	0.00
11/12/2023 22:40	4.1	256	10	5.3	0.00
11/12/2023 22:50	4.4	259	10	5.8	0.00
11/12/2023 23:00	4.1	259	10	5.6	0.00
11/12/2023 23:10	4.2	256	10	5.9	0.00
11/12/2023 23:20	3.6	255	12	5.2	0.00
11/12/2023 23:30	3.6	250	13	4.9	0.00
11/12/2023 23:40	3.4	255	11	4.8	0.00
11/12/2023 23:50	3.5	255	11	4.9	0.00
12/12/2023 00:00	3.9	251	10	5.0	0.00
12/12/2023 00:10	4.1	246	11	5.5	0.00
12/12/2023 00:20	3.9	242	13	5.2	0.00
12/12/2023 00:30	3.8	253	12	5.1	0.00
12/12/2023 00:40	3.1	236	14	4.7	0.00
12/12/2023 00:50	3.0	246	12	4.1	0.00
12/12/2023 01:00	3.6	243	11	4.8	0.00
12/12/2023 01:10	3.6	244	13	4.8	0.00
12/12/2023 01:20	3.4	242	12	4.6	0.00
12/12/2023 01:30	3.8	247	11	5.2	0.00
12/12/2023 01:40	3.5	248	11	4.7	0.00
12/12/2023 01:50	2.9	249	11	4.0	0.00
12/12/2023 02:00	3.0	243	11	4.3	0.00
12/12/2023 02:10	2.8	245	12	3.9	0.00
12/12/2023 02:20	3.1	241	13	4.3	0.00
12/12/2023 02:30	2.5	238	12	3.3	0.00
12/12/2023 02:40	2.8	233	12	4.0	0.00
12/12/2023 02:50	3.2	240	12	4.4	0.00
12/12/2023 03:00	3.5	236	13	5.1	0.00
12/12/2023 03:10	3.6	234	10	4.8	0.00
12/12/2023 03:20	2.9	232	14	3.9	0.00
12/12/2023 03:30	3.8	229	12	5.5	0.00
12/12/2023 03:40	3.1	232	15	4.5	0.00
12/12/2023 03:50	3.1	236	13	4.1	0.00
12/12/2023 04:00	2.8	232	14	3.9	0.00
12/12/2023 04:10	2.7	231	13	4.0	0.00
12/12/2023 04:20	2.6	235	12	3.5	0.00
12/12/2023 04:30	2.5	232	12	3.5	0.00
12/12/2023 04:40	2.7	228	11	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 04:50	2.5	232	12	3.4	0.00
12/12/2023 05:00	2.4	229	13	3.5	0.00
12/12/2023 05:10	2.3	230	14	3.2	0.00
12/12/2023 05:20	2.5	227	12	3.2	0.00
12/12/2023 05:30	2.2	226	13	3.1	0.00
12/12/2023 05:40	2.3	228	11	3.1	0.00
12/12/2023 05:50	2.5	230	12	3.6	0.00
12/12/2023 06:00	2.4	232	13	3.3	0.00
12/12/2023 06:10	2.4	236	14	3.6	0.00
12/12/2023 06:20	2.6	229	14	3.5	0.00
12/12/2023 06:30	2.3	220	14	3.2	0.00
12/12/2023 06:40	2.6	224	15	4.0	0.00
12/12/2023 06:50	3.0	225	13	4.1	0.00
12/12/2023 07:00	2.8	227	13	3.9	0.00
12/12/2023 07:10	2.3	216	31	3.5	0.00
12/12/2023 07:20	2.8	216	16	3.6	0.00
12/12/2023 07:30	2.3	219	27	3.2	0.00
12/12/2023 07:40	2.4	222	29	3.6	0.00
12/12/2023 07:50	1.8	202	59	3.2	0.00
12/12/2023 08:00	1.8	181	51	3.6	0.00
12/12/2023 08:10	1.8	173	65	3.2	0.00
12/12/2023 08:20	2.0	195	55	3.4	0.00
12/12/2023 08:30	2.2	141	43	3.8	0.00
12/12/2023 08:40	2.4	129	34	3.8	0.00
12/12/2023 08:50	3.3	110	16	4.9	0.00
12/12/2023 09:00	2.7	133	27	4.6	0.00
12/12/2023 09:10	2.8	133	22	4.2	0.00
12/12/2023 09:20	2.6	134	43	4.5	0.00
12/12/2023 09:30	3.4	96	17	5.2	0.00
12/12/2023 09:40	3.4	113	19	4.6	0.00
12/12/2023 09:50	3.5	96	18	5.0	0.00
12/12/2023 10:00	4.1	92	17	6.0	0.00
12/12/2023 10:10	4.6	83	16	6.2	0.00
12/12/2023 10:20	4.9	78	14	7.5	0.00
12/12/2023 10:30	5.3	75	16	7.6	0.00
12/12/2023 10:40	5.1	79	15	7.6	0.00
12/12/2023 10:50	5.0	74	13	7.3	0.00
12/12/2023 11:00	5.5	82	13	7.8	0.00
12/12/2023 11:10	5.6	77	13	7.5	0.00
12/12/2023 11:20	5.6	81	13	7.9	0.00
12/12/2023 11:30	5.8	79	13	8.2	0.00
12/12/2023 11:40	6.4	81	13	8.4	0.00
12/12/2023 11:50	5.9	84	12	7.9	0.00
12/12/2023 12:00	5.9	77	13	8.7	0.00
12/12/2023 12:10	6.1	69	13	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 12:20	6.0	74	13	8.4	0.00
12/12/2023 12:30	5.7	70	14	7.6	0.00
12/12/2023 12:40	5.6	74	14	7.9	0.00
12/12/2023 12:50	5.4	61	16	7.0	0.00
12/12/2023 13:00	5.9	70	13	7.9	0.00
12/12/2023 13:10	5.9	77	12	8.3	0.00
12/12/2023 13:20	5.6	71	13	7.9	0.00
12/12/2023 13:30	5.5	78	13	7.5	0.00
12/12/2023 13:40	4.9	67	14	6.9	0.00
12/12/2023 13:50	5.0	69	18	7.1	0.00
12/12/2023 14:00	4.1	34	14	5.7	0.00
12/12/2023 14:10	3.8	13	20	5.6	0.00
12/12/2023 14:20	3.5	184	21	5.5	0.00
12/12/2023 14:30	3.8	6	24	6.4	0.00
12/12/2023 14:40	3.9	175	20	5.9	0.00
12/12/2023 14:50	4.6	344	20	6.5	0.00
12/12/2023 15:00	4.3	348	22	6.3	0.00
12/12/2023 15:10	4.2	178	20	6.5	0.00
12/12/2023 15:20	4.1	179	19	6.7	0.00
12/12/2023 15:30	4.2	182	19	6.4	0.00
12/12/2023 15:40	4.4	356	20	6.5	0.00
12/12/2023 15:50	4.2	357	22	6.3	0.00
12/12/2023 16:00	4.5	352	18	6.4	0.00
12/12/2023 16:10	4.7	178	18	6.6	0.00
12/12/2023 16:20	4.0	4	19	6.1	0.00
12/12/2023 16:30	4.2	2	22	6.1	0.00
12/12/2023 16:40	4.1	180	21	6.0	0.00
12/12/2023 16:50	4.5	5	18	7.2	0.00
12/12/2023 17:00	4.2	3	22	6.6	0.00
12/12/2023 17:10	4.4	178	21	6.8	0.00
12/12/2023 17:20	4.4	175	23	6.8	0.00
12/12/2023 17:30	4.7	351	22	7.2	0.00
12/12/2023 17:40	4.7	350	22	7.0	0.00
12/12/2023 17:50	4.4	351	22	6.8	0.00
12/12/2023 18:00	4.2	333	22	6.4	0.00
12/12/2023 18:10	3.7	316	22	5.7	0.00
12/12/2023 18:20	5.5	303	11	7.3	0.00
12/12/2023 18:30	5.7	297	12	7.3	0.00
12/12/2023 18:40	5.7	291	14	7.5	0.00
12/12/2023 18:50	4.8	293	14	7.1	0.00
12/12/2023 19:00	4.3	285	17	6.2	0.00
12/12/2023 19:10	4.6	282	16	7.2	0.00
12/12/2023 19:20	4.3	285	15	5.6	0.00
12/12/2023 19:30	4.5	274	17	6.5	0.00
12/12/2023 19:40	4.5	281	15	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 19:50	4.3	276	17	6.4	0.00
12/12/2023 20:00	4.3	270	15	5.9	0.00
12/12/2023 20:10	4.4	272	14	6.4	0.00
12/12/2023 20:20	4.5	265	14	6.3	0.00
12/12/2023 20:30	5.1	265	13	7.2	0.00
12/12/2023 20:40	5.2	263	12	6.8	0.00
12/12/2023 20:50	5.3	260	11	6.9	0.00
12/12/2023 21:00	5.1	263	12	6.9	0.00
12/12/2023 21:10	5.4	260	9	7.0	0.00
12/12/2023 21:20	6.0	260	9	7.7	0.00
12/12/2023 21:30	5.6	265	11	6.8	0.00
12/12/2023 21:40	6.0	260	9	7.3	0.00
12/12/2023 21:50	6.0	262	10	7.5	0.00
12/12/2023 22:00	5.5	260	10	7.5	0.00
12/12/2023 22:10	5.7	261	11	7.6	0.00
12/12/2023 22:20	5.2	258	11	6.7	0.00
12/12/2023 22:30	5.1	257	11	6.9	0.00
12/12/2023 22:40	5.1	261	10	6.9	0.00
12/12/2023 22:50	5.4	264	11	6.8	0.00
12/12/2023 23:00	4.9	262	10	6.7	0.00
12/12/2023 23:10	5.0	255	12	6.8	0.00
12/12/2023 23:20	4.9	254	10	7.0	0.00
12/12/2023 23:30	4.6	257	11	7.2	0.00
12/12/2023 23:40	5.1	250	11	7.0	0.00
12/12/2023 23:50	4.5	258	10	6.0	0.00
13/12/2023 00:00	5.1	251	12	6.9	0.00
13/12/2023 00:10	5.2	256	10	6.4	0.00
13/12/2023 00:20	5.2	254	11	6.7	0.00
13/12/2023 00:30	5.5	253	10	7.4	0.00
13/12/2023 00:40	5.7	256	11	7.2	0.00
13/12/2023 00:50	5.0	255	9	6.5	0.00
13/12/2023 01:00	5.4	251	12	7.6	0.00
13/12/2023 01:10	5.0	250	10	7.2	0.00
13/12/2023 01:20	4.3	240	12	5.9	0.00
13/12/2023 01:30	3.5	244	10	5.4	0.00
13/12/2023 01:40	3.3	240	13	4.6	0.00
13/12/2023 01:50	3.6	238	13	5.5	0.00
13/12/2023 02:00	3.1	236	12	4.4	0.00
13/12/2023 02:10	2.9	246	12	4.5	0.00
13/12/2023 02:20	2.9	250	13	3.9	0.00
13/12/2023 02:30	2.9	250	11	4.1	0.00
13/12/2023 02:40	3.5	255	11	4.8	0.00
13/12/2023 02:50	3.5	251	11	4.8	0.00
13/12/2023 03:00	3.3	249	9	4.2	0.00
13/12/2023 03:10	3.6	249	13	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 03:20	3.9	250	10	5.2	0.00
13/12/2023 03:30	3.6	249	10	4.7	0.00
13/12/2023 03:40	3.6	244	10	4.5	0.00
13/12/2023 03:50	3.7	244	13	5.2	0.00
13/12/2023 04:00	3.1	249	11	3.9	0.00
13/12/2023 04:10	2.7	252	12	3.7	0.00
13/12/2023 04:20	3.4	255	11	5.0	0.00
13/12/2023 04:30	3.3	258	11	4.8	0.00
13/12/2023 04:40	3.1	255	10	4.1	0.00
13/12/2023 04:50	3.1	251	10	4.3	0.00
13/12/2023 05:00	3.5	249	12	5.1	0.00
13/12/2023 05:10	3.9	244	11	5.3	0.00
13/12/2023 05:20	4.1	250	12	5.7	0.00
13/12/2023 05:30	3.9	253	12	5.2	0.00
13/12/2023 05:40	4.1	253	11	6.1	0.00
13/12/2023 05:50	3.9	245	12	6.0	0.00
13/12/2023 06:00	3.4	237	11	4.9	0.00
13/12/2023 06:10	3.7	243	11	4.9	0.00
13/12/2023 06:20	3.8	240	12	5.1	0.00
13/12/2023 06:30	3.9	239	12	5.6	0.00
13/12/2023 06:40	4.3	245	14	5.9	0.00
13/12/2023 06:50	5.0	236	10	6.4	0.00
13/12/2023 07:00	4.9	240	12	6.4	0.00
13/12/2023 07:10	5.6	239	11	7.5	0.00
13/12/2023 07:20	5.2	240	12	6.7	0.00
13/12/2023 07:30	5.1	245	12	7.3	0.00
13/12/2023 07:40	5.2	250	11	7.5	0.00
13/12/2023 07:50	4.5	246	15	6.0	0.00
13/12/2023 08:00	5.1	253	12	6.9	0.00
13/12/2023 08:10	4.9	243	13	6.4	0.00
13/12/2023 08:20	4.8	251	14	7.0	0.00
13/12/2023 08:30	5.1	253	11	6.9	0.00
13/12/2023 08:40	5.1	255	11	7.1	0.00
13/12/2023 08:50	5.0	258	12	6.7	0.00
13/12/2023 09:00	5.1	262	13	6.8	0.00
13/12/2023 09:10	4.5	255	15	6.0	0.00
13/12/2023 09:20	4.2	264	17	5.9	0.00
13/12/2023 09:30	4.6	264	13	6.2	0.00
13/12/2023 09:40	4.6	273	16	6.2	0.00
13/12/2023 09:50	5.0	274	14	6.7	0.00
13/12/2023 10:00	4.7	278	16	6.4	0.00
13/12/2023 10:10	4.8	265	13	6.4	0.00
13/12/2023 10:20	4.4	266	17	5.8	0.00
13/12/2023 10:30	4.2	278	17	5.7	0.00
13/12/2023 10:40	4.1	268	17	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 10:50	3.8	274	19	5.0	0.00
13/12/2023 11:00	4.3	265	13	5.9	0.00
13/12/2023 11:10	4.3	262	16	5.5	0.00
13/12/2023 11:20	4.8	263	13	6.5	0.00
13/12/2023 11:30	4.5	258	15	6.2	0.00
13/12/2023 11:40	4.4	257	13	5.8	0.00
13/12/2023 11:50	4.4	258	14	6.3	0.00
13/12/2023 12:00	3.8	284	21	5.2	0.00
13/12/2023 12:10	3.7	288	16	5.1	0.00
13/12/2023 12:20	4.2	280	18	6.0	0.00
13/12/2023 12:30	4.2	298	17	5.6	0.00
13/12/2023 12:40	4.2	292	22	5.7	0.00
13/12/2023 12:50	4.5	291	16	6.5	0.00
13/12/2023 13:00	4.9	297	14	7.0	0.00
13/12/2023 13:10	5.2	298	15	6.8	0.00
13/12/2023 13:20	5.3	292	15	6.9	0.00
13/12/2023 13:30	5.2	294	13	7.2	0.00
13/12/2023 13:40	4.7	307	17	6.2	0.00
13/12/2023 13:50	4.3	298	17	6.5	0.00
13/12/2023 14:00	4.5	290	16	6.5	0.00
13/12/2023 14:10	4.3	295	17	6.0	0.00
13/12/2023 14:20	4.5	294	17	6.2	0.00
13/12/2023 14:30	4.7	300	13	6.6	0.00
13/12/2023 14:40	5.2	290	15	6.6	0.00
13/12/2023 14:50	5.4	288	13	7.3	0.00
13/12/2023 15:00	5.4	287	16	7.2	0.00
13/12/2023 15:10	5.3	299	14	7.3	0.00
13/12/2023 15:20	5.8	296	13	7.5	0.00
13/12/2023 15:30	5.2	296	13	6.9	0.00
13/12/2023 15:40	5.6	300	12	7.5	0.00
13/12/2023 15:50	5.1	301	12	6.8	0.00
13/12/2023 16:00	5.2	297	14	6.8	0.00
13/12/2023 16:10	5.5	296	10	7.5	0.00
13/12/2023 16:20	5.7	291	12	7.3	0.00
13/12/2023 16:30	5.2	300	12	7.2	0.00
13/12/2023 16:40	5.8	296	11	7.9	0.00
13/12/2023 16:50	5.3	293	13	7.0	0.00
13/12/2023 17:00	5.8	296	9	7.0	0.00
13/12/2023 17:10	4.7	298	12	6.7	0.00
13/12/2023 17:20	5.0	295	13	6.7	0.00
13/12/2023 17:30	5.4	297	11	6.8	0.00
13/12/2023 17:40	5.2	295	11	6.8	0.00
13/12/2023 17:50	5.2	292	13	6.8	0.00
13/12/2023 18:00	4.3	290	12	5.8	0.00
13/12/2023 18:10	4.9	293	11	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 18:20	4.0	283	12	5.2	0.00
13/12/2023 18:30	3.8	286	15	5.7	0.00
13/12/2023 18:40	3.9	278	14	5.2	0.00
13/12/2023 18:50	4.2	272	15	5.4	0.00
13/12/2023 19:00	4.2	272	15	5.6	0.00
13/12/2023 19:10	4.0	273	13	5.2	0.00
13/12/2023 19:20	3.1	276	14	4.5	0.00
13/12/2023 19:30	3.7	287	17	5.4	0.00
13/12/2023 19:40	3.9	274	13	5.4	0.00
13/12/2023 19:50	4.1	274	13	5.6	0.00
13/12/2023 20:00	4.0	268	12	5.3	0.00
13/12/2023 20:10	4.2	263	11	6.0	0.00
13/12/2023 20:20	3.9	268	13	5.1	0.00
13/12/2023 20:30	4.0	268	11	5.6	0.00
13/12/2023 20:40	4.3	263	10	5.5	0.00
13/12/2023 20:50	4.3	263	12	5.6	0.00
13/12/2023 21:00	4.9	263	10	6.4	0.00
13/12/2023 21:10	4.1	262	11	6.1	0.00
13/12/2023 21:20	4.3	264	11	5.8	0.00
13/12/2023 21:30	5.7	261	9	7.0	0.00
13/12/2023 21:40	5.1	260	9	6.6	0.00
13/12/2023 21:50	5.7	262	8	7.5	0.00
13/12/2023 22:00	5.6	262	10	7.2	0.00
13/12/2023 22:10	5.5	258	10	7.7	0.00
13/12/2023 22:20	5.1	254	10	6.7	0.00
13/12/2023 22:30	4.9	254	11	6.8	0.00
13/12/2023 22:40	4.7	253	11	6.0	0.00
13/12/2023 22:50	4.6	248	11	6.2	0.00
13/12/2023 23:00	4.3	247	11	6.2	0.00
13/12/2023 23:10	4.6	241	11	6.1	0.00
13/12/2023 23:20	4.3	237	14	5.9	0.00
13/12/2023 23:30	4.2	237	13	5.9	0.00
13/12/2023 23:40	3.8	245	10	5.4	0.00
13/12/2023 23:50	4.1	245	12	5.8	0.00
14/12/2023 00:00	4.3	246	14	6.1	0.00
14/12/2023 00:10	4.0	247	14	5.8	0.00
14/12/2023 00:20	3.8	247	12	5.2	0.00
14/12/2023 00:30	4.0	244	11	5.2	0.00
14/12/2023 00:40	3.6	247	12	4.9	0.00
14/12/2023 00:50	3.0	250	10	4.1	0.00
14/12/2023 01:00	2.6	248	12	3.6	0.00
14/12/2023 01:10	2.6	249	10	4.2	0.00
14/12/2023 01:20	4.1	254	11	5.4	0.00
14/12/2023 01:30	3.8	249	10	5.1	0.00
14/12/2023 01:40	3.7	254	10	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 01:50	3.8	252	11	5.2	0.00
14/12/2023 02:00	3.5	250	10	4.8	0.00
14/12/2023 02:10	3.4	249	13	4.4	0.00
14/12/2023 02:20	3.6	249	11	4.8	0.00
14/12/2023 02:30	2.9	247	10	4.2	0.00
14/12/2023 02:40	3.3	246	11	5.2	0.00
14/12/2023 02:50	3.0	248	12	4.5	0.00
14/12/2023 03:00	3.5	252	11	4.4	0.00
14/12/2023 03:10	3.3	247	10	4.6	0.00
14/12/2023 03:20	2.5	246	12	3.5	0.00
14/12/2023 03:30	1.6	244	13	2.4	0.00
14/12/2023 03:40	2.0	248	10	2.6	0.00
14/12/2023 03:50	2.2	247	10	2.9	0.00
14/12/2023 04:00	2.4	248	11	3.6	0.00
14/12/2023 04:10	3.2	249	11	4.0	0.00
14/12/2023 04:20	3.1	242	12	4.1	0.00
14/12/2023 04:30	3.2	247	12	5.0	0.00
14/12/2023 04:40	2.9	254	12	4.0	0.00
14/12/2023 04:50	3.2	251	10	4.8	0.00
14/12/2023 05:00	3.6	255	10	4.8	0.00
14/12/2023 05:10	2.8	250	12	4.0	0.00
14/12/2023 05:20	3.2	253	9	4.8	0.00
14/12/2023 05:30	2.8	255	11	4.0	0.00
14/12/2023 05:40	4.5	255	9	6.0	0.00
14/12/2023 05:50	4.8	254	10	6.3	0.00
14/12/2023 06:00	4.8	262	9	6.4	0.00
14/12/2023 06:10	4.6	253	11	6.0	0.00
14/12/2023 06:20	4.2	252	13	5.7	0.00
14/12/2023 06:30	4.3	253	12	5.7	0.00
14/12/2023 06:40	4.2	256	12	5.3	0.00
14/12/2023 06:50	4.5	250	12	6.1	0.00
14/12/2023 07:00	4.5	248	13	6.5	0.00
14/12/2023 07:10	4.8	249	12	6.4	0.00
14/12/2023 07:20	4.5	252	11	6.3	0.00
14/12/2023 07:30	4.6	255	13	6.1	0.00
14/12/2023 07:40	4.4	248	14	5.7	0.00
14/12/2023 07:50	4.6	250	12	6.4	0.00
14/12/2023 08:00	4.8	261	13	6.4	0.00
14/12/2023 08:10	5.2	253	11	7.2	0.00
14/12/2023 08:20	5.3	257	11	7.2	0.00
14/12/2023 08:30	4.8	269	16	6.3	0.00
14/12/2023 08:40	4.8	265	16	6.4	0.00
14/12/2023 08:50	4.9	268	15	6.8	0.00
14/12/2023 09:00	4.9	266	16	6.4	0.00
14/12/2023 09:10	4.7	276	18	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 09:20	4.3	274	14	5.4	0.00
14/12/2023 09:30	4.5	268	15	6.0	0.00
14/12/2023 09:40	4.5	266	16	6.2	0.00
14/12/2023 09:50	4.2	273	16	5.6	0.00
14/12/2023 10:00	4.2	276	17	5.6	0.00
14/12/2023 10:10	3.9	289	16	5.3	0.00
14/12/2023 10:20	4.0	290	15	5.3	0.00
14/12/2023 10:30	3.9	293	16	5.1	0.00
14/12/2023 10:40	4.1	291	12	5.5	0.00
14/12/2023 10:50	4.3	289	13	5.6	0.00
14/12/2023 11:00	3.8	283	19	5.2	0.00
14/12/2023 11:10	3.9	293	15	5.2	0.00
14/12/2023 11:20	3.9	300	17	5.5	0.00
14/12/2023 11:30	4.6	299	14	6.1	0.00
14/12/2023 11:40	5.3	297	14	7.2	0.00
14/12/2023 11:50	6.1	294	11	8.1	0.00
14/12/2023 12:00	6.1	298	13	7.8	0.00
14/12/2023 12:10	6.1	296	12	7.9	0.00
14/12/2023 12:20	5.7	293	13	7.9	0.00
14/12/2023 12:30	5.6	294	13	7.5	0.00
14/12/2023 12:40	6.4	294	11	7.8	0.00
14/12/2023 12:50	6.3	295	11	7.9	0.00
14/12/2023 13:00	6.4	296	11	8.3	0.00
14/12/2023 13:10	6.7	291	11	8.5	0.00
14/12/2023 13:20	6.5	289	14	8.5	0.00
14/12/2023 13:30	6.6	291	12	8.3	0.00
14/12/2023 13:40	6.4	293	12	8.3	0.00
14/12/2023 13:50	6.2	292	12	8.5	0.00
14/12/2023 14:00	6.6	290	9	8.1	0.00
14/12/2023 14:10	6.4	291	12	8.4	0.00
14/12/2023 14:20	6.4	291	11	8.5	0.00
14/12/2023 14:30	6.7	294	11	8.7	0.00
14/12/2023 14:40	6.5	295	12	8.4	0.00
14/12/2023 14:50	6.2	292	12	8.3	0.00
14/12/2023 15:00	6.3	294	12	8.2	0.00
14/12/2023 15:10	6.8	293	12	8.2	0.00
14/12/2023 15:20	6.5	292	11	8.4	0.00
14/12/2023 15:30	6.0	294	13	8.3	0.00
14/12/2023 15:40	5.6	295	13	7.9	0.00
14/12/2023 15:50	5.3	293	15	7.5	0.00
14/12/2023 16:00	4.8	300	17	6.8	0.00
14/12/2023 16:10	5.1	302	16	7.3	0.00
14/12/2023 16:20	5.5	302	14	7.8	0.00
14/12/2023 16:30	5.6	300	12	7.7	0.00
14/12/2023 16:40	5.6	297	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 16:50	6.0	295	11	7.5	0.00
14/12/2023 17:00	5.2	301	12	7.3	0.00
14/12/2023 17:10	5.6	297	13	7.3	0.00
14/12/2023 17:20	6.0	296	10	8.0	0.00
14/12/2023 17:30	5.7	297	13	7.2	0.00
14/12/2023 17:40	5.4	298	14	7.2	0.00
14/12/2023 17:50	5.1	291	14	6.8	0.00
14/12/2023 18:00	5.4	293	12	7.1	0.00
14/12/2023 18:10	5.1	290	15	7.2	0.00
14/12/2023 18:20	5.2	289	13	7.2	0.00
14/12/2023 18:30	5.0	291	15	7.2	0.00
14/12/2023 18:40	4.4	284	16	6.4	0.00
14/12/2023 18:50	4.6	290	14	6.4	0.00
14/12/2023 19:00	4.3	284	15	6.3	0.00
14/12/2023 19:10	4.2	285	15	6.3	0.00
14/12/2023 19:20	4.3	278	16	6.0	0.00
14/12/2023 19:30	4.4	280	14	6.3	0.00
14/12/2023 19:40	3.9	288	17	6.3	0.00
14/12/2023 19:50	4.0	270	13	5.6	0.00
14/12/2023 20:00	4.6	274	16	6.0	0.00
14/12/2023 20:10	4.6	267	14	6.8	0.00
14/12/2023 20:20	4.7	265	11	6.8	0.00
14/12/2023 20:30	4.8	261	12	6.7	0.00
14/12/2023 20:40	4.7	258	11	6.3	0.00
14/12/2023 20:50	5.1	261	9	6.8	0.00
14/12/2023 21:00	4.9	263	10	6.8	0.00
14/12/2023 21:10	4.8	268	13	6.9	0.00
14/12/2023 21:20	4.3	267	14	5.7	0.00
14/12/2023 21:30	5.1	259	11	6.8	0.00
14/12/2023 21:40	4.8	266	12	6.3	0.00
14/12/2023 21:50	5.1	263	11	6.6	0.00
14/12/2023 22:00	5.0	265	13	6.6	0.00
14/12/2023 22:10	5.7	262	9	7.5	0.00
14/12/2023 22:20	5.6	263	11	7.4	0.00
14/12/2023 22:30	5.7	263	9	7.7	0.00
14/12/2023 22:40	5.8	261	9	7.5	0.00
14/12/2023 22:50	5.7	261	9	7.4	0.00
14/12/2023 23:00	5.5	262	12	7.2	0.00
14/12/2023 23:10	5.8	260	10	7.8	0.00
14/12/2023 23:20	5.5	260	10	7.9	0.00
14/12/2023 23:30	5.1	259	9	7.5	0.00
14/12/2023 23:40	5.1	261	10	7.3	0.00
14/12/2023 23:50	5.5	258	11	7.1	0.00
15/12/2023 00:00	5.4	252	10	7.2	0.00
15/12/2023 00:10	5.1	256	11	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 00:20	5.1	261	10	7.0	0.00
15/12/2023 00:30	4.1	271	12	5.9	0.00
15/12/2023 00:40	5.0	259	11	6.9	0.00
15/12/2023 00:50	4.7	259	10	6.8	0.00
15/12/2023 01:00	4.0	265	10	5.3	0.00
15/12/2023 01:10	3.9	261	11	5.2	0.00
15/12/2023 01:20	4.2	265	10	5.5	0.00
15/12/2023 01:30	3.9	265	10	5.5	0.00
15/12/2023 01:40	4.1	261	10	5.2	0.00
15/12/2023 01:50	3.5	265	12	4.6	0.00
15/12/2023 02:00	3.1	266	11	4.1	0.00
15/12/2023 02:10	3.1	266	13	4.9	0.00
15/12/2023 02:20	2.7	274	17	3.6	0.00
15/12/2023 02:30	2.8	279	15	3.9	0.00
15/12/2023 02:40	2.8	276	13	4.1	0.00
15/12/2023 02:50	3.1	275	15	4.4	0.00
15/12/2023 03:00	3.5	268	13	5.1	0.00
15/12/2023 03:10	3.4	268	14	4.8	0.00
15/12/2023 03:20	3.6	269	13	4.9	0.00
15/12/2023 03:30	3.5	265	13	4.5	0.00
15/12/2023 03:40	3.2	268	14	4.5	0.00
15/12/2023 03:50	2.8	271	14	4.0	0.00
15/12/2023 04:00	3.1	269	11	4.0	0.00
15/12/2023 04:10	2.7	268	12	3.5	0.00
15/12/2023 04:20	2.9	274	11	4.0	0.00
15/12/2023 04:30	3.3	270	13	4.4	0.00
15/12/2023 04:40	2.7	266	13	3.6	0.00
15/12/2023 04:50	3.2	273	12	4.1	0.00
15/12/2023 05:00	3.0	272	14	4.4	0.00
15/12/2023 05:10	3.1	265	12	4.0	0.00
15/12/2023 05:20	3.4	260	10	4.9	0.00
15/12/2023 05:30	3.7	254	10	5.0	0.00
15/12/2023 05:40	4.5	261	9	6.2	0.00
15/12/2023 05:50	4.1	262	10	5.9	0.00
15/12/2023 06:00	4.4	258	11	5.9	0.00
15/12/2023 06:10	4.4	254	12	6.3	0.00
15/12/2023 06:20	3.7	257	12	5.4	0.00
15/12/2023 06:30	3.9	260	12	5.5	0.00
15/12/2023 06:40	4.0	260	13	5.6	0.00
15/12/2023 06:50	5.3	256	12	7.0	0.00
15/12/2023 07:00	4.6	260	12	6.5	0.00
15/12/2023 07:10	5.0	261	11	6.8	0.00
15/12/2023 07:20	4.7	259	12	6.4	0.00
15/12/2023 07:30	4.8	264	11	6.8	0.00
15/12/2023 07:40	4.5	262	13	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 07:50	4.5	263	13	6.4	0.00
15/12/2023 08:00	4.5	258	14	6.8	0.00
15/12/2023 08:10	4.7	270	12	6.0	0.00
15/12/2023 08:20	5.0	261	13	6.3	0.00
15/12/2023 08:30	4.5	265	13	6.4	0.00
15/12/2023 08:40	4.8	262	12	6.4	0.00
15/12/2023 08:50	4.3	264	15	6.0	0.00
15/12/2023 09:00	4.6	255	16	6.0	0.00
15/12/2023 09:10	4.9	257	16	6.6	0.00
15/12/2023 09:20	5.0	259	16	6.8	0.00
15/12/2023 09:30	5.3	262	14	7.4	0.00
15/12/2023 09:40	5.2	259	15	7.1	0.00
15/12/2023 09:50	4.8	284	18	6.8	0.00
15/12/2023 10:00	4.9	288	17	6.8	0.00
15/12/2023 10:10	4.7	291	15	6.7	0.00
15/12/2023 10:20	4.8	297	17	6.8	0.00
15/12/2023 10:30	4.8	293	14	6.8	0.00
15/12/2023 10:40	4.8	300	14	6.5	0.00
15/12/2023 10:50	5.0	290	17	6.6	0.00
15/12/2023 11:00	4.9	292	18	7.0	0.00
15/12/2023 11:10	5.4	290	13	7.6	0.00
15/12/2023 11:20	5.1	300	13	7.0	0.00
15/12/2023 11:30	5.2	295	15	7.0	0.00
15/12/2023 11:40	4.9	302	15	6.6	0.00
15/12/2023 11:50	5.2	291	15	7.4	0.00
15/12/2023 12:00	5.1	300	14	6.8	0.00
15/12/2023 12:10	5.1	296	16	7.2	0.00
15/12/2023 12:20	5.3	298	14	6.8	0.00
15/12/2023 12:30	5.2	295	13	7.2	0.00
15/12/2023 12:40	5.5	299	13	7.8	0.00
15/12/2023 12:50	6.1	295	12	8.0	0.00
15/12/2023 13:00	5.6	293	14	8.0	0.00
15/12/2023 13:10	5.5	295	14	7.8	0.00
15/12/2023 13:20	6.2	297	11	8.3	0.00
15/12/2023 13:30	6.0	295	12	7.9	0.00
15/12/2023 13:40	6.3	294	13	8.3	0.00
15/12/2023 13:50	5.6	294	13	7.4	0.00
15/12/2023 14:00	5.7	297	15	7.5	0.00
15/12/2023 14:10	5.6	303	14	7.5	0.00
15/12/2023 14:20	5.6	291	15	7.4	0.00
15/12/2023 14:30	5.4	293	15	6.9	0.00
15/12/2023 14:40	5.1	296	15	6.5	0.00
15/12/2023 14:50	5.2	292	15	7.4	0.00
15/12/2023 15:00	5.4	297	15	7.2	0.00
15/12/2023 15:10	4.8	308	17	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 15:20	5.1	299	15	7.2	0.00
15/12/2023 15:30	4.8	302	18	7.3	0.00
15/12/2023 15:40	5.1	296	15	6.8	0.00
15/12/2023 15:50	5.2	299	11	7.2	0.00
15/12/2023 16:00	5.2	297	12	7.4	0.00
15/12/2023 16:10	5.4	298	9	7.2	0.00
15/12/2023 16:20	5.2	295	16	7.6	0.00
15/12/2023 16:30	5.0	299	14	6.6	0.00
15/12/2023 16:40	5.2	295	16	7.1	0.00
15/12/2023 16:50	5.3	297	15	7.2	0.00
15/12/2023 17:00	5.6	298	11	7.5	0.00
15/12/2023 17:10	5.1	291	13	7.7	0.00
15/12/2023 17:20	5.2	290	14	7.1	0.00
15/12/2023 17:30	5.0	289	14	6.8	0.00
15/12/2023 17:40	5.3	294	12	7.3	0.00
15/12/2023 17:50	5.2	294	12	7.0	0.00
15/12/2023 18:00	4.3	279	16	6.5	0.00
15/12/2023 18:10	5.0	268	14	6.9	0.00
15/12/2023 18:20	5.7	262	11	7.9	0.00
15/12/2023 18:30	5.6	263	11	7.2	0.00
15/12/2023 18:40	5.6	264	11	7.9	0.00
15/12/2023 18:50	4.9	273	14	7.0	0.00
15/12/2023 19:00	4.4	275	17	6.4	0.00
15/12/2023 19:10	4.4	273	16	6.4	0.00
15/12/2023 19:20	4.6	272	15	6.3	0.00
15/12/2023 19:30	4.6	268	15	6.2	0.00
15/12/2023 19:40	4.5	275	13	6.4	0.00
15/12/2023 19:50	4.6	270	13	6.1	0.00
15/12/2023 20:00	4.3	269	13	6.0	0.00
15/12/2023 20:10	4.0	261	13	5.5	0.00
15/12/2023 20:20	4.5	266	11	6.0	0.00
15/12/2023 20:30	4.4	258	10	6.0	0.00
15/12/2023 20:40	4.5	260	11	5.7	0.00
15/12/2023 20:50	4.8	258	13	6.1	0.00
15/12/2023 21:00	4.1	263	10	5.9	0.00
15/12/2023 21:10	3.9	263	12	5.4	0.00
15/12/2023 21:20	4.1	258	11	5.4	0.00
15/12/2023 21:30	4.0	261	12	5.4	0.00
15/12/2023 21:40	4.0	263	11	5.2	0.00
15/12/2023 21:50	4.5	261	10	6.0	0.00
15/12/2023 22:00	3.7	264	11	5.2	0.00
15/12/2023 22:10	3.3	270	13	5.1	0.00
15/12/2023 22:20	3.7	267	13	5.2	0.00
15/12/2023 22:30	3.7	267	12	5.0	0.00
15/12/2023 22:40	4.1	271	14	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 22:50	4.2	263	10	5.6	0.00
15/12/2023 23:00	3.6	265	11	5.2	0.00
15/12/2023 23:10	4.2	263	12	5.5	0.00
15/12/2023 23:20	3.4	263	12	4.8	0.00
15/12/2023 23:30	3.7	266	12	4.8	0.00
15/12/2023 23:40	3.9	273	13	5.2	0.00
15/12/2023 23:50	3.5	271	16	4.8	0.00
16/12/2023 00:00	3.6	268	13	5.1	0.00
16/12/2023 00:10	4.2	269	14	5.9	0.00
16/12/2023 00:20	3.8	268	13	5.2	0.00
16/12/2023 00:30	3.8	268	13	5.4	0.00
16/12/2023 00:40	3.9	273	14	5.2	0.00
16/12/2023 00:50	3.4	272	14	4.9	0.00
16/12/2023 01:00	3.6	272	14	5.2	0.00
16/12/2023 01:10	3.0	264	12	4.4	0.00
16/12/2023 01:20	3.6	266	14	5.0	0.00
16/12/2023 01:30	3.9	270	12	5.8	0.00
16/12/2023 01:40	3.0	268	15	4.8	0.00
16/12/2023 01:50	3.3	273	15	5.0	0.00
16/12/2023 02:00	3.5	270	14	5.0	0.00
16/12/2023 02:10	3.2	272	13	4.4	0.00
16/12/2023 02:20	3.1	272	14	4.6	0.00
16/12/2023 02:30	2.8	273	15	4.4	0.00
16/12/2023 02:40	3.3	269	14	4.7	0.00
16/12/2023 02:50	3.5	272	13	5.0	0.00
16/12/2023 03:00	3.2	269	15	4.8	0.00
16/12/2023 03:10	3.2	269	14	4.4	0.00
16/12/2023 03:20	3.0	267	13	4.8	0.00
16/12/2023 03:30	3.1	267	13	4.4	0.00
16/12/2023 03:40	3.3	269	13	5.0	0.00
16/12/2023 03:50	3.3	263	13	4.6	0.00
16/12/2023 04:00	3.3	266	12	5.0	0.00
16/12/2023 04:10	3.0	265	13	4.8	0.00
16/12/2023 04:20	2.9	265	12	4.2	0.00
16/12/2023 04:30	3.6	267	14	5.2	0.00
16/12/2023 04:40	3.1	264	11	4.5	0.00
16/12/2023 04:50	3.4	265	11	4.7	0.00
16/12/2023 05:00	3.4	266	14	4.8	0.00
16/12/2023 05:10	3.8	264	11	5.3	0.00
16/12/2023 05:20	3.5	267	12	4.8	0.00
16/12/2023 05:30	3.6	262	13	5.2	0.00
16/12/2023 05:40	3.7	264	11	5.3	0.00
16/12/2023 05:50	3.2	265	13	4.9	0.00
16/12/2023 06:00	3.3	267	13	5.2	0.00
16/12/2023 06:10	4.3	266	12	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 06:20	4.6	264	12	6.4	0.00
16/12/2023 06:30	3.9	268	14	5.6	0.00
16/12/2023 06:40	4.4	260	12	6.2	0.00
16/12/2023 06:50	4.0	266	15	5.8	0.00
16/12/2023 07:00	4.2	278	14	5.6	0.00
16/12/2023 07:10	4.5	284	15	6.0	0.00
16/12/2023 07:20	4.5	276	17	6.7	0.00
16/12/2023 07:30	4.6	263	13	6.1	0.00
16/12/2023 07:40	4.2	271	17	5.7	0.00
16/12/2023 07:50	4.7	284	15	6.3	0.00
16/12/2023 08:00	5.0	277	17	7.2	0.00
16/12/2023 08:10	5.0	284	18	6.5	0.00
16/12/2023 08:20	5.0	293	13	6.8	0.00
16/12/2023 08:30	5.3	286	16	7.2	0.00
16/12/2023 08:40	5.3	290	14	8.0	0.00
16/12/2023 08:50	5.7	282	16	7.6	0.00
16/12/2023 09:00	5.9	285	13	8.1	0.00
16/12/2023 09:10	6.1	294	13	7.9	0.00
16/12/2023 09:20	5.9	293	14	8.0	0.00
16/12/2023 09:30	6.3	281	17	9.0	0.00
16/12/2023 09:40	6.2	287	15	9.2	0.00
16/12/2023 09:50	6.2	277	19	9.0	0.00
16/12/2023 10:00	5.9	289	14	8.4	0.00
16/12/2023 10:10	6.1	279	17	8.6	0.00
16/12/2023 10:20	5.5	281	17	7.4	0.00
16/12/2023 10:30	6.1	291	14	8.8	0.00
16/12/2023 10:40	6.0	290	15	8.0	0.00
16/12/2023 10:50	5.8	285	16	8.1	0.00
16/12/2023 11:00	5.6	275	20	7.9	0.00
16/12/2023 11:10	5.7	282	19	8.1	0.00
16/12/2023 11:20	5.8	286	19	8.2	0.00
16/12/2023 11:30	6.3	294	13	9.4	0.00
16/12/2023 11:40	6.1	294	12	8.7	0.00
16/12/2023 11:50	6.0	290	16	8.5	0.00
16/12/2023 12:00	6.6	290	14	9.1	0.00
16/12/2023 12:10	6.3	288	16	8.7	0.00
16/12/2023 12:20	6.9	268	15	9.9	0.00
16/12/2023 12:30	7.7	263	13	10.3	0.00
16/12/2023 12:40	7.3	262	15	10.4	0.00
16/12/2023 12:50	7.9	256	12	10.7	0.00
16/12/2023 13:00	7.6	257	12	10.2	0.00
16/12/2023 13:10	7.9	257	11	10.4	0.00
16/12/2023 13:20	7.4	258	12	10.5	0.00
16/12/2023 13:30	7.4	257	14	9.1	0.00
16/12/2023 13:40	7.4	256	12	10.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 13:50	7.8	258	13	10.6	0.00
16/12/2023 14:00	7.6	251	12	9.7	0.00
16/12/2023 14:10	7.7	249	12	9.6	0.00
16/12/2023 14:20	8.2	255	11	10.8	0.00
16/12/2023 14:30	7.7	253	12	10.3	0.00
16/12/2023 14:40	7.5	253	12	11.1	0.00
16/12/2023 14:50	7.5	258	14	10.8	0.00
16/12/2023 15:00	7.7	254	14	10.3	0.00
16/12/2023 15:10	7.6	258	12	10.0	0.00
16/12/2023 15:20	7.7	260	12	11.1	0.00
16/12/2023 15:30	7.8	258	11	11.2	0.00
16/12/2023 15:40	8.0	258	13	10.8	0.00
16/12/2023 15:50	7.7	259	11	10.4	0.00
16/12/2023 16:00	7.6	259	12	10.0	0.00
16/12/2023 16:10	7.5	266	11	9.7	0.00
16/12/2023 16:20	7.7	260	12	10.6	0.00
16/12/2023 16:30	7.8	257	13	10.4	0.00
16/12/2023 16:40	7.8	259	10	10.2	0.00
16/12/2023 16:50	7.6	257	13	10.3	0.00
16/12/2023 17:00	7.5	257	14	10.3	0.00
16/12/2023 17:10	8.1	259	10	10.3	0.00
16/12/2023 17:20	7.8	258	12	10.6	0.00
16/12/2023 17:30	7.9	260	11	10.0	0.00
16/12/2023 17:40	8.1	259	12	10.9	0.00
16/12/2023 17:50	7.0	256	14	9.9	0.00
16/12/2023 18:00	7.6	260	12	10.3	0.00
16/12/2023 18:10	8.1	260	11	11.0	0.00
16/12/2023 18:20	7.0	260	11	9.6	0.00
16/12/2023 18:30	7.0	257	12	9.5	0.00
16/12/2023 18:40	7.0	261	12	9.3	0.00
16/12/2023 18:50	6.9	255	12	9.4	0.00
16/12/2023 19:00	6.9	257	11	8.7	0.00
16/12/2023 19:10	6.5	251	13	8.7	0.00
16/12/2023 19:20	7.2	254	11	9.5	0.00
16/12/2023 19:30	6.9	254	12	9.2	0.00
16/12/2023 19:40	6.5	251	12	9.1	0.00
16/12/2023 19:50	6.3	253	11	8.7	0.00
16/12/2023 20:00	6.5	250	12	9.3	0.00
16/12/2023 20:10	6.8	253	12	9.2	0.00
16/12/2023 20:20	6.6	255	11	8.4	0.00
16/12/2023 20:30	6.9	254	11	8.8	0.00
16/12/2023 20:40	6.5	258	12	9.0	0.00
16/12/2023 20:50	6.3	255	11	8.7	0.00
16/12/2023 21:00	5.9	254	11	7.7	0.00
16/12/2023 21:10	6.8	255	10	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 21:20	5.9	257	12	9.1	0.00
16/12/2023 21:30	6.3	254	12	8.7	0.00
16/12/2023 21:40	6.2	256	11	8.7	0.00
16/12/2023 21:50	6.1	256	13	9.0	0.00
16/12/2023 22:00	6.6	259	10	8.9	0.00
16/12/2023 22:10	5.8	258	13	8.2	0.00
16/12/2023 22:20	5.7	253	12	8.0	0.00
16/12/2023 22:30	5.7	249	12	7.8	0.00
16/12/2023 22:40	5.7	252	12	8.2	0.00
16/12/2023 22:50	5.5	249	12	8.4	0.00
16/12/2023 23:00	6.0	254	12	8.6	0.00
16/12/2023 23:10	6.2	251	11	8.3	0.00
16/12/2023 23:20	5.9	257	14	7.9	0.00
16/12/2023 23:30	5.8	252	11	7.7	0.00
16/12/2023 23:40	5.5	251	12	7.5	0.00
16/12/2023 23:50	5.5	257	11	7.3	0.00
17/12/2023 00:00	5.3	256	11	7.0	0.00
17/12/2023 00:10	5.5	252	12	7.6	0.00
17/12/2023 00:20	5.2	257	10	7.5	0.00
17/12/2023 00:30	5.3	256	11	7.2	0.00
17/12/2023 00:40	5.1	260	9	7.1	0.00
17/12/2023 00:50	5.2	259	10	6.8	0.00
17/12/2023 01:00	4.7	262	11	6.0	0.00
17/12/2023 01:10	5.4	259	13	7.5	0.00
17/12/2023 01:20	4.4	253	12	6.3	0.00
17/12/2023 01:30	4.6	257	12	6.3	0.00
17/12/2023 01:40	4.2	255	12	5.7	0.00
17/12/2023 01:50	3.9	252	14	5.6	0.00
17/12/2023 02:00	3.0	247	14	4.4	0.00
17/12/2023 02:10	4.1	260	10	5.7	0.00
17/12/2023 02:20	4.9	262	10	6.4	0.00
17/12/2023 02:30	4.2	251	12	5.9	0.00
17/12/2023 02:40	4.2	247	13	5.6	0.00
17/12/2023 02:50	4.0	242	14	6.0	0.00
17/12/2023 03:00	3.1	238	12	4.7	0.00
17/12/2023 03:10	4.1	244	14	5.7	0.00
17/12/2023 03:20	5.0	251	12	7.3	0.00
17/12/2023 03:30	5.7	258	11	7.3	0.00
17/12/2023 03:40	5.3	256	12	7.1	0.00
17/12/2023 03:50	4.7	240	15	6.6	0.00
17/12/2023 04:00	4.0	241	15	6.0	0.00
17/12/2023 04:10	4.8	242	14	7.3	0.00
17/12/2023 04:20	4.6	240	12	6.1	0.00
17/12/2023 04:30	4.9	235	12	6.6	0.00
17/12/2023 04:40	4.6	239	13	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 04:50	4.3	238	11	6.1	0.00
17/12/2023 05:00	4.7	241	12	6.6	0.00
17/12/2023 05:10	4.7	240	15	6.8	0.00
17/12/2023 05:20	3.7	244	13	5.7	0.00
17/12/2023 05:30	3.3	236	13	4.8	0.00
17/12/2023 05:40	3.8	235	12	5.2	0.00
17/12/2023 05:50	4.0	230	16	5.3	0.00
17/12/2023 06:00	3.7	236	12	5.1	0.00
17/12/2023 06:10	3.5	237	15	5.3	0.00
17/12/2023 06:20	3.9	237	13	5.8	0.00
17/12/2023 06:30	4.2	232	16	6.3	0.00
17/12/2023 06:40	5.1	228	14	6.9	0.00
17/12/2023 06:50	5.2	227	11	7.6	0.00
17/12/2023 07:00	4.7	237	14	6.8	0.00
17/12/2023 07:10	5.6	235	14	7.6	0.00
17/12/2023 07:20	5.4	232	16	7.8	0.00
17/12/2023 07:30	5.4	233	16	7.5	0.00
17/12/2023 07:40	5.0	234	13	7.9	0.00
17/12/2023 07:50	5.9	237	14	8.6	0.00
17/12/2023 08:00	5.7	246	13	8.1	0.00
17/12/2023 08:10	6.4	247	13	8.3	0.00
17/12/2023 08:20	6.2	245	13	8.7	0.00
17/12/2023 08:30	6.1	246	12	9.0	0.00
17/12/2023 08:40	7.0	250	14	8.9	0.00
17/12/2023 08:50	6.4	246	13	8.7	0.00
17/12/2023 09:00	6.8	249	15	9.3	0.00
17/12/2023 09:10	7.5	253	11	9.6	0.00
17/12/2023 09:20	7.5	252	13	10.6	0.00
17/12/2023 09:30	7.5	255	11	9.9	0.00
17/12/2023 09:40	7.1	252	12	9.5	0.00
17/12/2023 09:50	7.6	255	13	10.3	0.00
17/12/2023 10:00	7.5	259	13	9.9	0.00
17/12/2023 10:10	7.5	260	11	10.0	0.00
17/12/2023 10:20	7.9	260	11	10.4	0.00
17/12/2023 10:30	8.2	261	12	10.1	0.00
17/12/2023 10:40	8.5	261	11	11.1	0.00
17/12/2023 10:50	8.3	258	12	11.1	0.00
17/12/2023 11:00	8.1	259	12	10.8	0.00
17/12/2023 11:10	8.1	264	12	10.7	0.00
17/12/2023 11:20	8.2	264	11	10.9	0.00
17/12/2023 11:30	7.8	262	14	10.3	0.00
17/12/2023 11:40	8.8	264	12	11.4	0.00
17/12/2023 11:50	8.1	263	12	10.2	0.00
17/12/2023 12:00	7.8	265	12	11.1	0.00
17/12/2023 12:10	8.4	263	14	11.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 12:20	8.3	266	15	11.1	0.00
17/12/2023 12:30	8.3	263	14	11.1	0.00
17/12/2023 12:40	8.6	261	12	11.3	0.00
17/12/2023 12:50	9.2	261	10	12.7	0.00
17/12/2023 13:00	8.4	259	12	11.7	0.00
17/12/2023 13:10	8.5	263	12	11.9	0.00
17/12/2023 13:20	8.9	262	14	12.3	0.00
17/12/2023 13:30	8.5	264	12	11.9	0.00
17/12/2023 13:40	9.1	261	12	12.4	0.00
17/12/2023 13:50	9.0	259	12	11.9	0.00
17/12/2023 14:00	8.5	257	13	11.3	0.00
17/12/2023 14:10	9.1	256	12	12.1	0.00
17/12/2023 14:20	9.3	258	12	12.3	0.00
17/12/2023 14:30	8.7	258	12	12.2	0.00
17/12/2023 14:40	8.5	259	13	12.1	0.00
17/12/2023 14:50	8.8	255	12	12.1	0.00
17/12/2023 15:00	9.6	259	13	12.6	0.00
17/12/2023 15:10	9.5	262	12	13.3	0.00
17/12/2023 15:20	9.7	262	10	13.2	0.00
17/12/2023 15:30	10.1	263	9	13.5	0.00
17/12/2023 15:40	9.3	259	13	12.8	0.00
17/12/2023 15:50	9.6	261	10	13.1	0.00
17/12/2023 16:00	10.1	261	11	13.8	0.00
17/12/2023 16:10	9.9	261	10	12.4	0.00
17/12/2023 16:20	9.5	259	12	13.5	0.00
17/12/2023 16:30	9.3	260	11	12.3	0.00
17/12/2023 16:40	8.6	259	11	12.6	0.00
17/12/2023 16:50	9.3	257	11	12.2	0.00
17/12/2023 17:00	9.6	260	9	12.8	0.00
17/12/2023 17:10	9.4	259	13	12.4	0.00
17/12/2023 17:20	9.5	256	11	12.3	0.00
17/12/2023 17:30	9.0	260	11	12.0	0.00
17/12/2023 17:40	9.1	261	12	12.2	0.00
17/12/2023 17:50	9.5	259	8	12.3	0.00
17/12/2023 18:00	9.5	262	10	13.1	0.00
17/12/2023 18:10	9.4	259	11	12.1	0.00
17/12/2023 18:20	8.4	261	10	11.2	0.00
17/12/2023 18:30	8.9	260	9	11.5	0.00
17/12/2023 18:40	8.8	261	10	12.4	0.00
17/12/2023 18:50	8.7	262	9	11.5	0.00
17/12/2023 19:00	8.6	261	11	10.7	0.00
17/12/2023 19:10	9.0	261	11	11.9	0.00
17/12/2023 19:20	8.5	257	11	11.5	0.00
17/12/2023 19:30	9.0	261	10	11.8	0.00
17/12/2023 19:40	8.6	261	9	11.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 19:50	8.9	256	10	11.9	0.00
17/12/2023 20:00	8.7	260	10	11.2	0.00
17/12/2023 20:10	8.3	258	11	10.9	0.00
17/12/2023 20:20	8.0	259	11	10.4	0.00
17/12/2023 20:30	7.8	259	10	10.7	0.00
17/12/2023 20:40	8.2	255	12	10.8	0.00
17/12/2023 20:50	7.3	255	11	11.1	0.00
17/12/2023 21:00	7.7	256	12	11.1	0.00
17/12/2023 21:10	7.3	259	13	9.9	0.00
17/12/2023 21:20	7.6	257	11	10.7	0.00
17/12/2023 21:30	8.1	254	11	11.8	0.00
17/12/2023 21:40	7.8	258	12	10.3	0.00
17/12/2023 21:50	7.7	257	12	10.1	0.00
17/12/2023 22:00	7.3	253	11	9.7	0.00
17/12/2023 22:10	6.9	258	10	9.5	0.00
17/12/2023 22:20	7.0	254	12	9.5	0.00
17/12/2023 22:30	7.7	254	12	10.6	0.00
17/12/2023 22:40	7.1	256	12	9.8	0.00
17/12/2023 22:50	7.6	254	11	10.2	0.00
17/12/2023 23:00	7.0	254	13	9.7	0.00
17/12/2023 23:10	7.1	253	12	9.6	0.00
17/12/2023 23:20	6.8	252	10	9.7	0.00
17/12/2023 23:30	7.5	255	11	9.5	0.00
17/12/2023 23:40	6.6	254	12	8.8	0.00
17/12/2023 23:50	6.8	252	12	9.0	0.00
18/12/2023 00:00	7.3	252	11	9.7	0.00
18/12/2023 00:10	4.9	244	13	7.0	0.00
18/12/2023 00:20	4.9	246	13	7.3	0.00
18/12/2023 00:30	5.6	248	12	7.7	0.00
18/12/2023 00:40	4.8	249	13	7.4	0.00
18/12/2023 00:50	6.1	248	16	8.7	0.00
18/12/2023 01:00	4.7	245	13	6.8	0.00
18/12/2023 01:10	4.5	244	13	6.4	0.00
18/12/2023 01:20	5.3	243	13	7.7	0.00
18/12/2023 01:30	5.2	244	13	7.2	0.00
18/12/2023 01:40	5.2	242	13	6.8	0.00
18/12/2023 01:50	4.7	243	13	6.8	0.00
18/12/2023 02:00	5.0	244	11	7.2	0.00
18/12/2023 02:10	4.9	245	10	7.2	0.00
18/12/2023 02:20	5.4	244	13	7.5	0.00
18/12/2023 02:30	5.3	245	12	7.4	0.00
18/12/2023 02:40	5.1	243	12	6.4	0.00
18/12/2023 02:50	5.2	242	12	6.5	0.00
18/12/2023 03:00	5.2	240	13	7.4	0.00
18/12/2023 03:10	4.8	239	13	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 03:20	4.8	240	13	7.1	0.00
18/12/2023 03:30	5.2	240	12	7.2	0.00
18/12/2023 03:40	5.4	244	11	7.2	0.00
18/12/2023 03:50	5.2	244	13	7.2	0.00
18/12/2023 04:00	5.3	241	11	7.5	0.00
18/12/2023 04:10	4.6	246	12	6.3	0.00
18/12/2023 04:20	4.8	243	13	6.7	0.00
18/12/2023 04:30	4.8	240	12	7.4	0.00
18/12/2023 04:40	5.1	242	12	7.2	0.00
18/12/2023 04:50	4.9	244	13	7.1	0.00
18/12/2023 05:00	5.2	243	13	7.5	0.00
18/12/2023 05:10	4.7	240	11	6.9	0.00
18/12/2023 05:20	4.1	239	15	6.0	0.00
18/12/2023 05:30	4.2	236	13	6.2	0.00
18/12/2023 05:40	4.3	242	12	6.3	0.00
18/12/2023 05:50	4.6	246	12	6.4	0.00
18/12/2023 06:00	4.8	243	12	6.4	0.00
18/12/2023 06:10	4.9	244	12	6.9	0.00
18/12/2023 06:20	4.4	246	11	6.8	0.00
18/12/2023 06:30	4.9	242	14	6.4	0.00
18/12/2023 06:40	5.2	242	11	6.8	0.00
18/12/2023 06:50	4.8	242	12	6.4	0.00
18/12/2023 07:00	4.9	246	11	6.7	0.00
18/12/2023 07:10	5.7	249	13	8.2	0.00
18/12/2023 07:20	5.1	245	12	7.4	0.00
18/12/2023 07:30	5.2	247	13	7.2	0.00
18/12/2023 07:40	5.6	247	12	7.2	0.00
18/12/2023 07:50	5.7	244	14	7.7	0.00
18/12/2023 08:00	5.3	242	11	7.5	0.00
18/12/2023 08:10	5.7	251	14	7.5	0.00
18/12/2023 08:20	6.1	252	10	8.2	0.00
18/12/2023 08:30	6.3	248	12	8.7	0.00
18/12/2023 08:40	6.0	247	13	8.7	0.00
18/12/2023 08:50	6.1	252	13	8.7	0.00
18/12/2023 09:00	6.5	260	11	8.4	0.00
18/12/2023 09:10	6.8	253	14	9.8	0.00
18/12/2023 09:20	6.6	255	12	9.2	0.00
18/12/2023 09:30	6.9	261	12	9.7	0.00
18/12/2023 09:40	7.1	254	13	9.4	0.00
18/12/2023 09:50	7.3	258	12	9.5	0.00
18/12/2023 10:00	7.0	259	12	9.5	0.00
18/12/2023 10:10	7.4	259	12	10.3	0.00
18/12/2023 10:20	7.2	259	11	9.9	0.00
18/12/2023 10:30	8.4	259	10	10.7	0.00
18/12/2023 10:40	7.9	261	11	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 10:50	7.7	258	12	10.3	0.00
18/12/2023 11:00	8.3	260	11	10.8	0.00
18/12/2023 11:10	7.8	262	13	11.2	0.00
18/12/2023 11:20	7.9	265	12	11.1	0.00
18/12/2023 11:30	7.9	266	14	10.3	0.00
18/12/2023 11:40	8.6	260	13	10.9	0.00
18/12/2023 11:50	8.5	263	12	11.0	0.00
18/12/2023 12:00	7.5	260	11	10.3	0.00
18/12/2023 12:10	7.5	265	13	10.8	0.00
18/12/2023 12:20	7.9	260	12	10.4	0.00
18/12/2023 12:30	7.6	260	12	10.9	0.00
18/12/2023 12:40	8.3	260	11	11.4	0.00
18/12/2023 12:50	7.7	261	13	11.0	0.00
18/12/2023 13:00	8.6	260	11	10.8	0.00
18/12/2023 13:10	7.9	259	14	10.3	0.00
18/12/2023 13:20	8.2	262	9	10.8	0.00
18/12/2023 13:30	7.9	259	13	10.4	0.00
18/12/2023 13:40	8.0	260	11	10.7	0.00
18/12/2023 13:50	8.0	260	12	10.3	0.00
18/12/2023 14:00	7.9	254	13	11.0	0.00
18/12/2023 14:10	8.3	256	14	11.5	0.00
18/12/2023 14:20	7.8	259	15	10.1	0.00
18/12/2023 14:30	7.9	259	12	11.1	0.00
18/12/2023 14:40	8.3	256	12	11.4	0.00
18/12/2023 14:50	8.1	253	11	10.8	0.00
18/12/2023 15:00	8.3	256	11	10.8	0.00
18/12/2023 15:10	7.9	256	13	10.6	0.00
18/12/2023 15:20	7.9	258	12	10.3	0.00
18/12/2023 15:30	7.5	258	11	10.3	0.00
18/12/2023 15:40	7.6	260	12	10.3	0.00
18/12/2023 15:50	8.0	258	12	10.4	0.00
18/12/2023 16:00	7.7	255	11	11.4	0.00
18/12/2023 16:10	7.8	255	11	10.7	0.00
18/12/2023 16:20	7.7	259	11	10.7	0.00
18/12/2023 16:30	7.8	259	11	10.9	0.00
18/12/2023 16:40	7.8	259	11	10.1	0.00
18/12/2023 16:50	8.3	259	11	10.9	0.00
18/12/2023 17:00	8.3	263	11	11.3	0.00
18/12/2023 17:10	8.4	261	10	10.7	0.00
18/12/2023 17:20	7.8	261	11	10.7	0.00
18/12/2023 17:30	7.7	261	11	10.4	0.00
18/12/2023 17:40	7.4	261	10	9.5	0.00
18/12/2023 17:50	7.5	264	11	10.1	0.00
18/12/2023 18:00	7.0	265	11	9.3	0.00
18/12/2023 18:10	6.8	262	11	9.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 18:20	7.0	261	11	9.1	0.00
18/12/2023 18:30	7.2	259	9	9.1	0.00
18/12/2023 18:40	6.9	261	11	8.9	0.00
18/12/2023 18:50	7.1	259	8	9.7	0.00
18/12/2023 19:00	7.1	263	11	9.3	0.00
18/12/2023 19:10	6.3	264	13	8.7	0.00
18/12/2023 19:20	6.5	264	13	8.8	0.00
18/12/2023 19:30	6.7	265	11	9.1	0.00
18/12/2023 19:40	6.5	264	12	9.0	0.00
18/12/2023 19:50	7.1	263	11	8.8	0.00
18/12/2023 20:00	6.2	263	11	8.1	0.00
18/12/2023 20:10	6.7	263	12	9.1	0.00
18/12/2023 20:20	6.7	262	10	9.6	0.00
18/12/2023 20:30	6.0	263	11	8.7	0.00
18/12/2023 20:40	6.2	263	11	9.2	0.00
18/12/2023 20:50	6.0	263	10	7.8	0.00
18/12/2023 21:00	6.9	259	11	9.1	0.00
18/12/2023 21:10	6.3	260	10	8.6	0.00
18/12/2023 21:20	6.9	260	10	9.5	0.00
18/12/2023 21:30	6.7	261	11	8.5	0.00
18/12/2023 21:40	6.8	260	10	9.5	0.00
18/12/2023 21:50	6.3	259	10	8.9	0.00
18/12/2023 22:00	6.7	259	12	8.8	0.00
18/12/2023 22:10	6.2	259	11	8.8	0.00
18/12/2023 22:20	6.4	260	10	8.6	0.00
18/12/2023 22:30	6.4	262	11	8.7	0.00
18/12/2023 22:40	6.2	262	12	8.3	0.00
18/12/2023 22:50	6.1	258	10	8.7	0.00
18/12/2023 23:00	6.0	261	9	8.2	0.00
18/12/2023 23:10	6.1	256	11	8.3	0.00
18/12/2023 23:20	5.7	257	11	7.6	0.00
18/12/2023 23:30	6.2	253	12	8.3	0.00
18/12/2023 23:40	6.4	253	12	8.5	0.00
18/12/2023 23:50	5.5	253	11	7.9	0.00
19/12/2023 00:00	5.9	253	10	7.8	0.00
19/12/2023 00:10	6.4	251	12	8.4	0.00
19/12/2023 00:20	5.1	251	12	7.4	0.00
19/12/2023 00:30	6.0	251	11	7.9	0.00
19/12/2023 00:40	5.1	250	13	7.1	0.00
19/12/2023 00:50	6.0	253	12	7.7	0.00
19/12/2023 01:00	5.9	250	12	7.8	0.00
19/12/2023 01:10	6.2	256	11	8.1	0.00
19/12/2023 01:20	5.4	253	10	7.2	0.00
19/12/2023 01:30	5.6	250	10	8.7	0.00
19/12/2023 01:40	5.4	256	12	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 01:50	5.8	254	11	8.1	0.00
19/12/2023 02:00	5.2	253	11	7.6	0.00
19/12/2023 02:10	5.3	251	13	8.6	0.00
19/12/2023 02:20	4.3	247	16	6.4	0.00
19/12/2023 02:30	4.9	255	11	7.3	0.00
19/12/2023 02:40	4.3	247	12	6.4	0.00
19/12/2023 02:50	3.7	241	11	5.8	0.00
19/12/2023 03:00	4.1	241	14	6.4	0.00
19/12/2023 03:10	3.9	239	13	5.9	0.00
19/12/2023 03:20	4.6	238	15	6.8	0.00
19/12/2023 03:30	4.9	250	11	6.6	0.00
19/12/2023 03:40	4.2	245	11	6.0	0.00
19/12/2023 03:50	4.3	243	12	6.2	0.00
19/12/2023 04:00	4.8	244	11	6.8	0.00
19/12/2023 04:10	4.7	245	12	6.6	0.00
19/12/2023 04:20	4.7	242	12	6.3	0.00
19/12/2023 04:30	4.5	245	12	6.3	0.00
19/12/2023 04:40	3.8	247	13	5.4	0.00
19/12/2023 04:50	4.4	252	11	6.7	0.00
19/12/2023 05:00	4.6	251	11	6.7	0.00
19/12/2023 05:10	5.4	256	10	7.2	0.00
19/12/2023 05:20	4.4	244	13	6.4	0.00
19/12/2023 05:30	4.7	246	13	6.7	0.00
19/12/2023 05:40	4.5	244	13	6.3	0.00
19/12/2023 05:50	4.5	240	12	6.5	0.00
19/12/2023 06:00	4.2	243	13	5.5	0.00
19/12/2023 06:10	4.4	241	13	6.4	0.00
19/12/2023 06:20	4.0	243	13	6.0	0.00
19/12/2023 06:30	4.4	241	14	6.5	0.00
19/12/2023 06:40	4.9	245	13	7.2	0.00
19/12/2023 06:50	4.7	243	13	6.9	0.00
19/12/2023 07:00	5.1	247	12	6.9	0.00
19/12/2023 07:10	5.0	247	13	6.8	0.00
19/12/2023 07:20	5.3	239	12	7.5	0.00
19/12/2023 07:30	5.8	242	12	8.1	0.00
19/12/2023 07:40	5.3	245	14	7.2	0.00
19/12/2023 07:50	5.8	244	13	7.8	0.00
19/12/2023 08:00	5.5	245	13	7.9	0.00
19/12/2023 08:10	5.6	246	11	7.9	0.00
19/12/2023 08:20	6.1	247	14	8.1	0.00
19/12/2023 08:30	5.6	251	13	7.6	0.00
19/12/2023 08:40	5.7	251	13	7.9	0.00
19/12/2023 08:50	6.1	256	11	8.2	0.00
19/12/2023 09:00	5.9	262	13	7.8	0.00
19/12/2023 09:10	6.5	259	12	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 09:20	6.5	262	12	8.4	0.00
19/12/2023 09:30	6.3	255	14	8.0	0.00
19/12/2023 09:40	6.4	260	13	8.7	0.00
19/12/2023 09:50	6.5	256	11	8.5	0.00
19/12/2023 10:00	6.6	256	14	8.4	0.00
19/12/2023 10:10	6.9	259	13	8.8	0.00
19/12/2023 10:20	7.2	262	12	9.2	0.00
19/12/2023 10:30	7.0	258	12	8.9	0.00
19/12/2023 10:40	7.1	262	12	9.3	0.00
19/12/2023 10:50	7.3	263	11	9.2	0.00
19/12/2023 11:00	6.8	260	15	9.1	0.00
19/12/2023 11:10	7.4	262	12	9.7	0.00
19/12/2023 11:20	6.7	258	14	9.3	0.00
19/12/2023 11:30	6.6	261	13	8.9	0.00
19/12/2023 11:40	7.3	262	13	9.5	0.00
19/12/2023 11:50	7.4	258	10	10.0	0.00
19/12/2023 12:00	7.4	259	12	9.5	0.00
19/12/2023 12:10	7.1	261	13	9.5	0.00
19/12/2023 12:20	7.4	256	12	10.0	0.00
19/12/2023 12:30	7.3	260	12	9.5	0.00
19/12/2023 12:40	7.4	261	13	9.9	0.00
19/12/2023 12:50	7.6	262	11	10.3	0.00
19/12/2023 13:00	7.4	261	11	10.1	0.00
19/12/2023 13:10	7.5	265	11	10.2	0.00
19/12/2023 13:20	7.1	254	13	9.5	0.00
19/12/2023 13:30	7.3	255	12	10.0	0.00
19/12/2023 13:40	7.2	254	12	9.1	0.00
19/12/2023 13:50	6.7	253	13	9.1	0.00
19/12/2023 14:00	7.1	250	13	9.1	0.00
19/12/2023 14:10	6.5	254	13	9.1	0.00
19/12/2023 14:20	6.7	263	14	8.7	0.00
19/12/2023 14:30	6.5	255	13	9.5	0.00
19/12/2023 14:40	6.7	256	13	9.2	0.00
19/12/2023 14:50	6.7	259	11	9.4	0.00
19/12/2023 15:00	6.8	250	14	9.9	0.00
19/12/2023 15:10	7.4	253	12	10.0	0.00
19/12/2023 15:20	7.6	256	12	10.2	0.00
19/12/2023 15:30	7.5	254	12	10.9	0.00
19/12/2023 15:40	7.6	257	12	9.6	0.00
19/12/2023 15:50	7.8	252	12	10.2	0.00
19/12/2023 16:00	7.4	263	10	10.5	0.00
19/12/2023 16:10	8.1	262	11	10.1	0.00
19/12/2023 16:20	7.5	258	12	10.4	0.00
19/12/2023 16:30	7.5	262	12	10.3	0.00
19/12/2023 16:40	7.6	259	11	10.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 16:50	7.5	262	11	10.8	0.00
19/12/2023 17:00	7.4	261	11	9.7	0.00
19/12/2023 17:10	6.8	259	13	9.0	0.00
19/12/2023 17:20	6.7	256	12	9.0	0.00
19/12/2023 17:30	7.1	260	13	9.9	0.00
19/12/2023 17:40	6.6	258	14	9.5	0.00
19/12/2023 17:50	6.8	262	12	9.5	0.00
19/12/2023 18:00	6.8	260	12	9.2	0.00
19/12/2023 18:10	6.5	257	11	9.3	0.00
19/12/2023 18:20	6.6	254	13	9.1	0.00
19/12/2023 18:30	6.4	260	12	9.5	0.00
19/12/2023 18:40	6.6	260	13	8.7	0.00
19/12/2023 18:50	6.4	259	11	8.7	0.00
19/12/2023 19:00	6.1	257	11	8.2	0.00
19/12/2023 19:10	5.9	257	11	8.0	0.00
19/12/2023 19:20	6.4	254	12	8.5	0.00
19/12/2023 19:30	6.3	261	12	8.4	0.00
19/12/2023 19:40	5.9	259	13	7.8	0.00
19/12/2023 19:50	6.4	256	13	8.9	0.00
19/12/2023 20:00	6.5	256	12	8.8	0.00
19/12/2023 20:10	6.1	256	11	8.7	0.00
19/12/2023 20:20	6.1	257	12	8.8	0.00
19/12/2023 20:30	6.7	256	11	9.0	0.00
19/12/2023 20:40	6.2	253	11	8.8	0.00
19/12/2023 20:50	6.6	256	9	8.4	0.00
19/12/2023 21:00	6.3	250	12	9.1	0.00
19/12/2023 21:10	6.4	255	11	8.7	0.00
19/12/2023 21:20	6.8	254	12	9.2	0.00
19/12/2023 21:30	6.3	261	11	8.5	0.00
19/12/2023 21:40	5.8	259	11	7.5	0.00
19/12/2023 21:50	5.6	254	11	7.9	0.00
19/12/2023 22:00	6.1	258	12	7.9	0.00
19/12/2023 22:10	5.8	257	10	8.1	0.00
19/12/2023 22:20	5.9	257	10	7.9	0.00
19/12/2023 22:30	5.9	251	12	8.0	0.00
19/12/2023 22:40	6.2	254	12	8.4	0.00
19/12/2023 22:50	5.4	251	13	7.7	0.00
19/12/2023 23:00	5.8	256	12	7.9	0.00
19/12/2023 23:10	5.8	252	9	7.8	0.00
19/12/2023 23:20	6.0	251	12	7.8	0.00
19/12/2023 23:30	5.9	256	13	7.9	0.00
19/12/2023 23:40	5.3	255	12	7.0	0.00
19/12/2023 23:50	5.8	254	12	8.3	0.00
20/12/2023 00:00	5.8	250	12	7.9	0.00
20/12/2023 00:10	5.5	252	14	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 00:20	6.5	250	11	8.7	0.00
20/12/2023 00:30	6.3	252	11	8.2	0.00
20/12/2023 00:40	5.9	251	12	7.6	0.00
20/12/2023 00:50	5.4	249	13	7.8	0.00
20/12/2023 01:00	5.8	247	14	8.3	0.00
20/12/2023 01:10	4.8	234	12	7.2	0.00
20/12/2023 01:20	5.2	232	13	7.3	0.00
20/12/2023 01:30	4.7	239	12	6.3	0.00
20/12/2023 01:40	5.1	237	12	7.3	0.00
20/12/2023 01:50	5.1	241	11	7.2	0.00
20/12/2023 02:00	5.2	242	13	7.3	0.00
20/12/2023 02:10	5.3	238	13	7.8	0.00
20/12/2023 02:20	5.2	240	13	7.5	0.00
20/12/2023 02:30	5.4	240	13	7.5	0.00
20/12/2023 02:40	4.8	242	14	7.2	0.00
20/12/2023 02:50	5.3	241	13	7.6	0.00
20/12/2023 03:00	5.7	241	13	8.3	0.00
20/12/2023 03:10	5.5	244	12	8.2	0.00
20/12/2023 03:20	5.5	238	13	8.0	0.00
20/12/2023 03:30	5.7	243	11	8.5	0.00
20/12/2023 03:40	5.7	240	12	7.5	0.00
20/12/2023 03:50	5.4	238	13	7.1	0.00
20/12/2023 04:00	4.6	239	13	7.7	0.00
20/12/2023 04:10	4.5	235	11	6.8	0.00
20/12/2023 04:20	4.5	238	13	7.1	0.00
20/12/2023 04:30	4.2	240	13	6.8	0.00
20/12/2023 04:40	4.1	238	14	6.0	0.00
20/12/2023 04:50	4.1	240	14	5.8	0.00
20/12/2023 05:00	3.9	246	13	5.5	0.00
20/12/2023 05:10	4.1	242	12	5.8	0.00
20/12/2023 05:20	4.1	244	13	5.6	0.00
20/12/2023 05:30	4.2	244	12	6.0	0.00
20/12/2023 05:40	4.0	243	11	6.4	0.00
20/12/2023 05:50	4.0	244	12	5.6	0.00
20/12/2023 06:00	3.3	241	15	4.4	0.00
20/12/2023 06:10	3.5	245	14	5.1	0.00
20/12/2023 06:20	3.4	244	14	4.7	0.00
20/12/2023 06:30	3.6	248	13	5.4	0.00
20/12/2023 06:40	3.5	242	13	4.8	0.00
20/12/2023 06:50	3.6	245	12	5.2	0.00
20/12/2023 07:00	4.3	250	12	5.4	0.00
20/12/2023 07:10	3.9	253	11	5.2	0.00
20/12/2023 07:20	4.7	252	11	6.0	0.00
20/12/2023 07:30	4.4	252	12	6.4	0.00
20/12/2023 07:40	5.2	248	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 07:50	4.8	250	13	6.1	0.00
20/12/2023 08:00	4.5	248	14	6.7	0.00
20/12/2023 08:10	5.3	247	13	7.1	0.00
20/12/2023 08:20	5.7	250	15	7.6	0.00
20/12/2023 08:30	5.8	257	12	8.0	0.00
20/12/2023 08:40	5.5	255	14	7.5	0.00
20/12/2023 08:50	5.6	260	14	8.3	0.00
20/12/2023 09:00	6.2	258	13	8.0	0.00
20/12/2023 09:10	6.2	260	11	8.0	0.00
20/12/2023 09:20	6.2	257	11	8.3	0.00
20/12/2023 09:30	6.1	255	13	8.3	0.00
20/12/2023 09:40	5.6	257	14	8.1	0.00
20/12/2023 09:50	6.0	257	12	7.9	0.00
20/12/2023 10:00	6.4	265	13	8.2	0.00
20/12/2023 10:10	6.7	261	12	9.0	0.00
20/12/2023 10:20	6.8	265	11	8.9	0.00
20/12/2023 10:30	6.5	260	13	8.8	0.00
20/12/2023 10:40	7.2	258	10	9.5	0.00
20/12/2023 10:50	6.4	262	14	8.7	0.00
20/12/2023 11:00	6.6	261	13	8.4	0.00
20/12/2023 11:10	6.6	257	10	9.2	0.00
20/12/2023 11:20	6.8	257	12	8.7	0.00
20/12/2023 11:30	7.3	258	12	9.5	0.00
20/12/2023 11:40	6.6	257	13	9.1	0.00
20/12/2023 11:50	7.3	259	13	9.3	0.00
20/12/2023 12:00	7.1	263	14	9.1	0.00
20/12/2023 12:10	7.3	260	12	9.5	0.00
20/12/2023 12:20	7.3	259	13	9.6	0.00
20/12/2023 12:30	8.0	255	12	9.9	0.00
20/12/2023 12:40	7.6	257	12	10.2	0.00
20/12/2023 12:50	8.1	260	12	11.2	0.00
20/12/2023 13:00	8.8	262	12	11.3	0.00
20/12/2023 13:10	8.4	259	12	10.7	0.00
20/12/2023 13:20	8.0	258	13	10.8	0.00
20/12/2023 13:30	8.8	257	11	11.8	0.00
20/12/2023 13:40	8.3	258	12	10.7	0.00
20/12/2023 13:50	8.5	260	11	11.1	0.00
20/12/2023 14:00	8.6	259	12	11.5	0.00
20/12/2023 14:10	8.0	256	13	10.5	0.00
20/12/2023 14:20	8.4	259	12	10.6	0.00
20/12/2023 14:30	8.3	260	13	11.5	0.00
20/12/2023 14:40	8.3	260	11	10.7	0.00
20/12/2023 14:50	8.3	259	11	10.7	0.00
20/12/2023 15:00	8.2	263	13	10.6	0.00
20/12/2023 15:10	8.1	258	11	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 15:20	8.4	264	11	11.9	0.00
20/12/2023 15:30	7.7	257	15	9.5	0.00
20/12/2023 15:40	7.6	262	11	10.5	0.00
20/12/2023 15:50	7.7	260	11	10.7	0.00
20/12/2023 16:00	7.7	253	11	10.3	0.00
20/12/2023 16:10	8.2	258	12	10.3	0.00
20/12/2023 16:20	7.2	256	13	9.4	0.00
20/12/2023 16:30	7.8	253	11	10.1	0.00
20/12/2023 16:40	7.4	256	13	9.9	0.00
20/12/2023 16:50	8.0	255	13	10.6	0.00
20/12/2023 17:00	7.7	255	13	10.3	0.00
20/12/2023 17:10	7.6	252	12	11.0	0.00
20/12/2023 17:20	8.2	256	11	10.9	0.00
20/12/2023 17:30	7.6	254	12	10.0	0.00
20/12/2023 17:40	7.9	254	11	10.3	0.00
20/12/2023 17:50	8.5	255	11	10.8	0.00
20/12/2023 18:00	8.3	257	11	10.5	0.00
20/12/2023 18:10	7.7	253	12	10.4	0.00
20/12/2023 18:20	7.7	253	12	11.1	0.00
20/12/2023 18:30	7.6	249	11	9.9	0.00
20/12/2023 18:40	7.6	256	11	10.2	0.00
20/12/2023 18:50	6.5	260	11	8.3	0.00
20/12/2023 19:00	6.8	262	10	9.1	0.00
20/12/2023 19:10	7.6	262	9	10.3	0.00
20/12/2023 19:20	7.8	260	10	10.6	0.00
20/12/2023 19:30	6.9	261	11	9.2	0.00
20/12/2023 19:40	7.4	262	9	9.7	0.00
20/12/2023 19:50	7.9	261	10	10.3	0.00
20/12/2023 20:00	7.1	260	10	9.0	0.00
20/12/2023 20:10	6.9	263	12	9.5	0.00
20/12/2023 20:20	7.5	260	10	9.9	0.00
20/12/2023 20:30	7.2	260	9	9.4	0.00
20/12/2023 20:40	7.3	260	9	10.2	0.00
20/12/2023 20:50	7.9	263	9	10.1	0.00
20/12/2023 21:00	7.7	260	10	10.5	0.00
20/12/2023 21:10	6.9	263	11	8.7	0.00
20/12/2023 21:20	7.6	260	11	10.5	0.00
20/12/2023 21:30	7.2	258	11	9.8	0.00
20/12/2023 21:40	6.9	257	11	9.5	0.00
20/12/2023 21:50	6.9	256	12	10.5	0.00
20/12/2023 22:00	6.7	257	11	9.7	0.00
20/12/2023 22:10	6.8	259	11	9.4	0.00
20/12/2023 22:20	5.9	260	11	7.8	0.00
20/12/2023 22:30	6.3	257	11	9.0	0.00
20/12/2023 22:40	6.7	259	11	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 22:50	6.6	259	10	8.8	0.00
20/12/2023 23:00	6.5	258	11	8.7	0.00
20/12/2023 23:10	6.2	258	12	8.4	0.00
20/12/2023 23:20	6.1	260	11	8.2	0.00
20/12/2023 23:30	6.5	258	11	8.4	0.00
20/12/2023 23:40	6.5	256	11	8.7	0.00
20/12/2023 23:50	6.5	253	12	8.9	0.00
21/12/2023 00:00	6.3	252	12	8.3	0.00
21/12/2023 00:10	6.5	254	11	8.6	0.00
21/12/2023 00:20	6.8	256	12	9.1	0.00
21/12/2023 00:30	5.9	254	12	8.5	0.00
21/12/2023 00:40	6.4	253	11	8.9	0.00
21/12/2023 00:50	6.4	251	10	8.3	0.00
21/12/2023 01:00	7.3	254	10	9.6	0.00
21/12/2023 01:10	7.1	255	12	9.3	0.00
21/12/2023 01:20	6.3	254	11	9.0	0.00
21/12/2023 01:30	6.4	255	11	8.3	0.00
21/12/2023 01:40	6.5	252	11	8.7	0.00
21/12/2023 01:50	7.3	254	11	9.1	0.00
21/12/2023 02:00	6.7	250	13	8.7	0.00
21/12/2023 02:10	7.3	253	11	9.1	0.00
21/12/2023 02:20	6.3	252	12	9.1	0.00
21/12/2023 02:30	6.0	253	11	9.1	0.00
21/12/2023 02:40	5.6	252	13	7.6	0.00
21/12/2023 02:50	5.3	247	12	7.9	0.00
21/12/2023 03:00	4.8	246	13	6.5	0.00
21/12/2023 03:10	4.8	243	12	7.1	0.00
21/12/2023 03:20	5.9	242	12	8.3	0.00
21/12/2023 03:30	6.2	242	12	8.7	0.00
21/12/2023 03:40	5.8	246	13	8.3	0.00
21/12/2023 03:50	6.4	242	12	9.7	0.00
21/12/2023 04:00	5.9	250	13	8.3	0.00
21/12/2023 04:10	5.1	244	13	7.5	0.00
21/12/2023 04:20	6.3	240	13	8.7	0.00
21/12/2023 04:30	6.0	242	11	8.3	0.00
21/12/2023 04:40	5.5	244	12	7.9	0.00
21/12/2023 04:50	5.0	249	12	7.0	0.00
21/12/2023 05:00	5.5	245	11	7.5	0.00
21/12/2023 05:10	5.1	247	12	7.5	0.00
21/12/2023 05:20	5.2	242	12	7.7	0.00
21/12/2023 05:30	5.5	245	13	8.1	0.00
21/12/2023 05:40	5.7	243	12	7.8	0.00
21/12/2023 05:50	5.0	246	11	6.8	0.00
21/12/2023 06:00	5.0	246	12	6.6	0.00
21/12/2023 06:10	5.6	244	12	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 06:20	5.2	248	13	7.5	0.00
21/12/2023 06:30	5.5	251	11	7.2	0.00
21/12/2023 06:40	5.3	247	10	7.5	0.00
21/12/2023 06:50	5.6	250	13	7.2	0.00
21/12/2023 07:00	6.3	253	12	8.6	0.00
21/12/2023 07:10	5.8	253	12	7.5	0.00
21/12/2023 07:20	5.8	252	12	7.9	0.00
21/12/2023 07:30	6.1	252	11	7.7	0.00
21/12/2023 07:40	6.0	254	11	7.8	0.00
21/12/2023 07:50	6.0	247	13	8.0	0.00
21/12/2023 08:00	6.3	249	13	8.4	0.00
21/12/2023 08:10	6.8	252	12	8.9	0.00
21/12/2023 08:20	7.4	251	11	9.5	0.00
21/12/2023 08:30	6.9	252	9	8.7	0.00
21/12/2023 08:40	6.7	255	11	8.9	0.00
21/12/2023 08:50	6.9	252	11	9.0	0.00
21/12/2023 09:00	6.9	253	12	8.9	0.00
21/12/2023 09:10	6.2	254	12	8.3	0.00
21/12/2023 09:20	6.2	252	12	8.1	0.00
21/12/2023 09:30	6.3	260	12	7.9	0.00
21/12/2023 09:40	7.2	263	9	9.1	0.00
21/12/2023 09:50	7.5	264	9	9.6	0.00
21/12/2023 10:00	8.2	262	9	10.2	0.00
21/12/2023 10:10	7.8	261	11	9.5	0.00
21/12/2023 10:20	7.7	259	11	9.7	0.00
21/12/2023 10:30	7.6	261	11	9.6	0.00
21/12/2023 10:40	8.0	260	11	9.9	0.00
21/12/2023 10:50	7.8	260	11	10.7	0.00
21/12/2023 11:00	7.7	259	10	10.7	0.00
21/12/2023 11:10	7.7	264	12	10.3	0.00
21/12/2023 11:20	8.0	262	11	10.3	0.00
21/12/2023 11:30	8.3	264	10	11.1	0.00
21/12/2023 11:40	8.1	265	14	10.7	0.00
21/12/2023 11:50	8.5	259	11	11.3	0.00
21/12/2023 12:00	8.7	265	11	11.1	0.00
21/12/2023 12:10	9.1	260	10	11.7	0.00
21/12/2023 12:20	9.4	261	10	11.6	0.00
21/12/2023 12:30	8.9	263	13	11.4	0.00
21/12/2023 12:40	8.7	259	11	11.2	0.00
21/12/2023 12:50	9.0	260	11	11.4	0.00
21/12/2023 13:00	9.4	263	10	12.3	0.00
21/12/2023 13:10	9.2	263	10	11.8	0.00
21/12/2023 13:20	8.0	262	13	10.9	0.00
21/12/2023 13:30	7.4	264	13	10.4	0.00
21/12/2023 13:40	8.3	266	12	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 13:50	8.1	262	11	11.5	0.00
21/12/2023 14:00	8.2	265	15	11.2	0.00
21/12/2023 14:10	8.7	261	11	10.8	0.00
21/12/2023 14:20	8.4	263	11	11.0	0.00
21/12/2023 14:30	8.1	262	12	11.1	0.00
21/12/2023 14:40	6.5	269	15	9.2	0.00
21/12/2023 14:50	6.3	277	17	8.9	0.00
21/12/2023 15:00	5.7	282	16	8.2	0.00
21/12/2023 15:10	6.7	298	15	9.3	0.00
21/12/2023 15:20	7.1	301	15	9.9	0.00
21/12/2023 15:30	7.1	294	14	9.8	0.00
21/12/2023 15:40	6.6	295	12	9.5	0.00
21/12/2023 15:50	7.6	297	11	10.3	0.00
21/12/2023 16:00	6.8	294	13	9.1	0.00
21/12/2023 16:10	6.7	296	12	10.0	0.00
21/12/2023 16:20	7.2	297	11	9.3	0.00
21/12/2023 16:30	7.1	299	12	10.3	0.00
21/12/2023 16:40	7.0	294	13	9.6	0.00
21/12/2023 16:50	7.1	294	10	9.1	0.00
21/12/2023 17:00	7.2	294	11	9.5	0.00
21/12/2023 17:10	7.2	292	13	9.9	0.00
21/12/2023 17:20	7.0	294	14	9.9	0.00
21/12/2023 17:30	6.4	285	14	8.6	0.00
21/12/2023 17:40	6.5	287	14	9.3	0.00
21/12/2023 17:50	6.8	289	13	9.6	0.00
21/12/2023 18:00	6.8	288	12	9.1	0.00
21/12/2023 18:10	6.5	290	13	8.4	0.00
21/12/2023 18:20	5.8	289	12	8.8	0.00
21/12/2023 18:30	6.0	289	14	8.0	0.00
21/12/2023 18:40	6.5	290	13	8.8	0.00
21/12/2023 18:50	7.0	291	13	9.3	0.00
21/12/2023 19:00	5.8	281	15	8.3	0.00
21/12/2023 19:10	5.9	278	15	7.9	0.00
21/12/2023 19:20	5.6	275	14	7.9	0.00
21/12/2023 19:30	5.8	271	14	8.8	0.00
21/12/2023 19:40	6.2	270	15	8.3	0.00
21/12/2023 19:50	6.2	271	13	8.6	0.00
21/12/2023 20:00	6.0	271	14	8.3	0.00
21/12/2023 20:10	6.6	271	15	8.7	0.00
21/12/2023 20:20	5.8	267	13	8.3	0.00
21/12/2023 20:30	6.8	266	12	9.7	0.00
21/12/2023 20:40	6.4	267	13	9.0	0.00
21/12/2023 20:50	6.6	265	13	9.9	0.00
21/12/2023 21:00	7.5	261	8	10.0	0.00
21/12/2023 21:10	7.0	265	12	9.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 21:20	7.6	262	10	10.0	0.00
21/12/2023 21:30	7.5	261	10	9.9	0.00
21/12/2023 21:40	8.0	262	12	10.9	0.00
21/12/2023 21:50	8.7	260	10	11.2	0.00
21/12/2023 22:00	8.6	258	11	11.9	0.00
21/12/2023 22:10	8.4	262	9	10.6	0.00
21/12/2023 22:20	8.6	259	10	11.1	0.00
21/12/2023 22:30	7.8	259	10	10.3	0.00
21/12/2023 22:40	7.6	259	11	11.1	0.00
21/12/2023 22:50	7.7	260	10	9.8	0.00
21/12/2023 23:00	8.1	260	10	10.4	0.00
21/12/2023 23:10	7.2	260	10	10.0	0.00
21/12/2023 23:20	7.2	256	11	9.5	0.00
21/12/2023 23:30	7.2	257	12	9.8	0.00
21/12/2023 23:40	7.3	255	12	9.5	0.00
21/12/2023 23:50	7.6	256	11	11.1	0.00
22/12/2023 00:00	7.6	254	12	10.3	0.00
22/12/2023 00:10	6.9	252	11	9.9	0.00
22/12/2023 00:20	6.9	252	10	8.8	0.00
22/12/2023 00:30	6.3	254	12	8.8	0.00
22/12/2023 00:40	6.5	254	13	9.1	0.00
22/12/2023 00:50	7.1	253	11	9.9	0.00
22/12/2023 01:00	7.4	254	11	9.5	0.00
22/12/2023 01:10	7.0	256	11	9.2	0.00
22/12/2023 01:20	7.0	253	10	9.4	0.00
22/12/2023 01:30	7.3	253	12	8.9	0.00
22/12/2023 01:40	5.7	251	12	8.3	0.00
22/12/2023 01:50	6.5	247	13	8.7	0.00
22/12/2023 02:00	5.9	248	12	9.3	0.00
22/12/2023 02:10	4.6	241	12	6.8	0.00
22/12/2023 02:20	5.2	236	14	7.4	0.00
22/12/2023 02:30	5.8	245	13	8.3	0.00
22/12/2023 02:40	5.4	247	12	8.1	0.00
22/12/2023 02:50	5.3	251	12	7.0	0.00
22/12/2023 03:00	5.6	249	12	7.4	0.00
22/12/2023 03:10	6.0	252	13	7.8	0.00
22/12/2023 03:20	5.4	239	14	8.2	0.00
22/12/2023 03:30	4.7	236	12	6.7	0.00
22/12/2023 03:40	5.2	241	11	7.5	0.00
22/12/2023 03:50	5.8	247	11	7.7	0.00
22/12/2023 04:00	5.7	248	14	7.9	0.00
22/12/2023 04:10	5.6	244	11	7.9	0.00
22/12/2023 04:20	5.4	244	11	7.3	0.00
22/12/2023 04:30	6.5	245	11	9.1	0.00
22/12/2023 04:40	5.7	247	13	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 04:50	6.2	251	12	8.3	0.00
22/12/2023 05:00	6.1	252	11	8.4	0.00
22/12/2023 05:10	6.4	252	10	8.5	0.00
22/12/2023 05:20	5.9	254	12	8.4	0.00
22/12/2023 05:30	6.4	251	10	8.3	0.00
22/12/2023 05:40	6.6	253	11	8.7	0.00
22/12/2023 05:50	6.7	255	11	8.5	0.00
22/12/2023 06:00	4.2	267	33	7.0	0.00
22/12/2023 06:10	2.9	140	32	4.6	0.00
22/12/2023 06:20	5.3	257	10	6.6	0.00
22/12/2023 06:30	3.7	260	11	5.7	0.00
22/12/2023 06:40	4.4	254	11	6.2	0.00
22/12/2023 06:50	4.7	258	12	6.4	0.00
22/12/2023 07:00	4.6	256	11	6.1	0.00
22/12/2023 07:10	4.3	256	11	6.0	0.00
22/12/2023 07:20	4.8	256	11	6.4	0.00
22/12/2023 07:30	4.9	261	11	6.5	0.00
22/12/2023 07:40	4.9	263	11	7.3	0.00
22/12/2023 07:50	4.5	258	14	5.9	0.00
22/12/2023 08:00	5.0	259	13	6.3	0.00
22/12/2023 08:10	5.2	259	11	6.5	0.00
22/12/2023 08:20	5.0	256	13	6.4	0.00
22/12/2023 08:30	5.3	259	12	6.8	0.00
22/12/2023 08:40	5.6	265	13	7.1	0.00
22/12/2023 08:50	5.2	270	15	7.2	0.00
22/12/2023 09:00	5.6	262	13	7.7	0.00
22/12/2023 09:10	5.6	260	14	7.1	0.00
22/12/2023 09:20	5.6	264	15	7.3	0.00
22/12/2023 09:30	5.6	260	14	7.5	0.00
22/12/2023 09:40	5.6	266	12	7.0	0.00
22/12/2023 09:50	5.8	261	12	7.4	0.00
22/12/2023 10:00	6.0	260	12	7.6	0.00
22/12/2023 10:10	6.4	259	11	7.9	0.00
22/12/2023 10:20	6.4	261	10	7.9	0.00
22/12/2023 10:30	6.3	262	13	7.8	0.00
22/12/2023 10:40	6.2	266	12	8.1	0.00
22/12/2023 10:50	5.7	259	13	7.9	0.00
22/12/2023 11:00	6.1	265	15	8.0	0.00
22/12/2023 11:10	6.2	262	13	8.3	0.00
22/12/2023 11:20	6.7	260	10	8.4	0.00
22/12/2023 11:30	6.4	263	11	8.2	0.00
22/12/2023 11:40	6.7	262	9	8.3	0.00
22/12/2023 11:50	6.7	259	12	8.7	0.00
22/12/2023 12:00	6.4	259	12	8.4	0.00
22/12/2023 12:10	7.3	258	10	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 12:20	7.1	259	10	9.0	0.00
22/12/2023 12:30	7.5	258	9	9.1	0.00
22/12/2023 12:40	7.4	260	10	9.2	0.00
22/12/2023 12:50	7.9	260	9	9.5	0.00
22/12/2023 13:00	6.8	263	16	8.7	0.00
22/12/2023 13:10	6.0	257	14	8.2	0.00
22/12/2023 13:20	6.8	260	13	9.5	0.00
22/12/2023 13:30	7.1	257	10	9.1	0.00
22/12/2023 13:40	6.7	257	11	8.7	0.00
22/12/2023 13:50	6.6	255	12	8.9	0.00
22/12/2023 14:00	7.1	265	12	8.9	0.00
22/12/2023 14:10	6.9	259	13	9.9	0.00
22/12/2023 14:20	7.4	260	11	9.6	0.00
22/12/2023 14:30	7.7	262	10	9.9	0.00
22/12/2023 14:40	7.0	263	12	9.3	0.00
22/12/2023 14:50	6.9	263	13	8.8	0.00
22/12/2023 15:00	6.1	261	12	8.2	0.00
22/12/2023 15:10	6.4	256	12	8.9	0.00
22/12/2023 15:20	6.7	256	11	8.9	0.00
22/12/2023 15:30	6.5	254	12	8.4	0.00
22/12/2023 15:40	6.7	261	13	9.4	0.00
22/12/2023 15:50	6.5	262	12	9.2	0.00
22/12/2023 16:00	6.6	264	11	8.6	0.00
22/12/2023 16:10	6.7	262	10	9.1	0.00
22/12/2023 16:20	7.7	261	11	10.7	0.00
22/12/2023 16:30	7.3	261	12	9.9	0.00
22/12/2023 16:40	7.1	260	11	9.1	0.00
22/12/2023 16:50	7.7	259	12	10.0	0.00
22/12/2023 17:00	7.4	259	10	9.7	0.00
22/12/2023 17:10	7.4	258	11	9.5	0.00
22/12/2023 17:20	7.0	257	13	9.1	0.00
22/12/2023 17:30	8.3	262	10	10.5	0.00
22/12/2023 17:40	8.2	262	10	10.2	0.00
22/12/2023 17:50	7.8	258	9	9.7	0.00
22/12/2023 18:00	7.3	265	11	10.3	0.00
22/12/2023 18:10	6.9	263	12	9.0	0.00
22/12/2023 18:20	7.4	263	11	9.4	0.00
22/12/2023 18:30	7.3	262	13	9.9	0.00
22/12/2023 18:40	7.2	261	10	9.9	0.00
22/12/2023 18:50	7.1	261	9	9.3	0.00
22/12/2023 19:00	7.6	260	9	9.5	0.00
22/12/2023 19:10	6.8	259	11	9.5	0.00
22/12/2023 19:20	6.8	257	10	9.9	0.00
22/12/2023 19:30	7.4	256	10	9.4	0.00
22/12/2023 19:40	7.3	259	11	9.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 19:50	7.4	256	11	9.6	0.00
22/12/2023 20:00	7.4	255	12	10.7	0.00
22/12/2023 20:10	8.1	253	11	10.7	0.00
22/12/2023 20:20	6.8	251	13	9.1	0.00
22/12/2023 20:30	7.8	254	11	10.3	0.00
22/12/2023 20:40	7.4	253	10	9.9	0.00
22/12/2023 20:50	7.6	255	13	10.3	0.00
22/12/2023 21:00	7.7	253	10	9.9	0.00
22/12/2023 21:10	7.2	253	11	9.9	0.00
22/12/2023 21:20	6.8	261	11	9.3	0.00
22/12/2023 21:30	7.2	259	11	9.9	0.00
22/12/2023 21:40	6.2	258	10	8.3	0.00
22/12/2023 21:50	7.2	254	10	10.2	0.00
22/12/2023 22:00	7.0	258	10	9.0	0.00
22/12/2023 22:10	6.2	254	11	8.7	0.00
22/12/2023 22:20	7.0	252	10	10.6	0.00
22/12/2023 22:30	6.7	250	11	9.0	0.00
22/12/2023 22:40	7.3	251	11	9.5	0.00
22/12/2023 22:50	7.1	252	10	9.3	0.00
22/12/2023 23:00	7.3	253	11	9.4	0.00
22/12/2023 23:10	6.9	255	11	9.5	0.00
22/12/2023 23:20	6.9	251	11	9.1	0.00
22/12/2023 23:30	7.0	255	12	9.2	0.00
22/12/2023 23:40	6.1	252	9	8.2	0.00
22/12/2023 23:50	7.1	254	9	9.4	0.00
23/12/2023 00:00	6.4	254	10	9.0	0.00
23/12/2023 00:10	6.3	252	11	8.4	0.00
23/12/2023 00:20	5.6	249	13	8.0	0.00
23/12/2023 00:30	5.3	249	11	7.4	0.00
23/12/2023 00:40	5.1	254	10	7.5	0.00
23/12/2023 00:50	5.1	247	12	7.7	0.00
23/12/2023 01:00	4.9	244	12	7.1	0.00
23/12/2023 01:10	5.7	244	13	8.2	0.00
23/12/2023 01:20	5.1	244	11	7.8	0.00
23/12/2023 01:30	4.8	239	13	6.8	0.00
23/12/2023 01:40	5.1	239	14	8.1	0.00
23/12/2023 01:50	5.3	241	12	7.9	0.00
23/12/2023 02:00	4.8	247	14	7.1	0.00
23/12/2023 02:10	4.9	243	12	6.6	0.00
23/12/2023 02:20	5.2	243	14	7.3	0.00
23/12/2023 02:30	5.0	244	13	7.2	0.00
23/12/2023 02:40	4.4	249	12	5.9	0.00
23/12/2023 02:50	4.0	245	12	6.4	0.00
23/12/2023 03:00	3.8	244	11	5.2	0.00
23/12/2023 03:10	3.8	254	11	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 03:20	3.9	254	10	5.5	0.00
23/12/2023 03:30	4.1	251	11	6.0	0.00
23/12/2023 03:40	4.3	255	12	5.6	0.00
23/12/2023 03:50	4.1	252	10	6.0	0.00
23/12/2023 04:00	5.2	255	10	6.7	0.00
23/12/2023 04:10	5.0	253	10	6.7	0.00
23/12/2023 04:20	5.1	258	10	7.1	0.00
23/12/2023 04:30	5.8	253	11	7.7	0.00
23/12/2023 04:40	5.1	255	10	6.6	0.00
23/12/2023 04:50	5.0	253	10	6.6	0.00
23/12/2023 05:00	5.3	256	10	6.8	0.00
23/12/2023 05:10	4.8	257	11	6.2	0.00
23/12/2023 05:20	4.4	256	11	6.1	0.00
23/12/2023 05:30	4.8	258	13	6.6	0.00
23/12/2023 05:40	4.5	260	11	6.0	0.00
23/12/2023 05:50	5.4	261	10	7.5	0.00
23/12/2023 06:00	5.4	252	12	7.9	0.00
23/12/2023 06:10	5.3	258	11	6.7	0.00
23/12/2023 06:20	5.6	254	11	7.5	0.00
23/12/2023 06:30	6.0	255	9	7.7	0.00
23/12/2023 06:40	5.8	250	11	7.9	0.00
23/12/2023 06:50	6.2	252	12	8.3	0.00
23/12/2023 07:00	5.9	250	11	7.7	0.00
23/12/2023 07:10	6.1	254	11	8.5	0.00
23/12/2023 07:20	6.0	251	13	7.9	0.00
23/12/2023 07:30	6.6	253	9	8.2	0.00
23/12/2023 07:40	6.1	255	12	7.9	0.00
23/12/2023 07:50	5.7	256	12	7.9	0.00
23/12/2023 08:00	6.3	255	12	8.7	0.00
23/12/2023 08:10	5.9	256	11	8.3	0.00
23/12/2023 08:20	6.2	259	11	8.1	0.00
23/12/2023 08:30	6.4	261	11	8.3	0.00
23/12/2023 08:40	6.3	258	11	9.1	0.00
23/12/2023 08:50	6.3	258	13	8.5	0.00
23/12/2023 09:00	6.4	259	11	8.0	0.00
23/12/2023 09:10	6.6	258	13	8.7	0.00
23/12/2023 09:20	6.5	259	11	8.7	0.00
23/12/2023 09:30	7.3	260	11	9.5	0.00
23/12/2023 09:40	7.6	260	10	9.8	0.00
23/12/2023 09:50	7.2	261	13	9.6	0.00
23/12/2023 10:00	7.3	262	11	9.5	0.00
23/12/2023 10:10	8.3	263	10	10.2	0.00
23/12/2023 10:20	8.2	260	10	11.1	0.00
23/12/2023 10:30	7.6	260	11	10.1	0.00
23/12/2023 10:40	8.0	256	11	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 10:50	8.0	261	11	10.7	0.00
23/12/2023 11:00	7.7	264	13	10.2	0.00
23/12/2023 11:10	7.4	259	11	9.8	0.00
23/12/2023 11:20	7.9	261	12	10.8	0.00
23/12/2023 11:30	7.1	260	12	9.9	0.00
23/12/2023 11:40	7.5	263	13	9.9	0.00
23/12/2023 11:50	7.3	269	15	9.7	0.00
23/12/2023 12:00	7.4	265	13	10.3	0.00
23/12/2023 12:10	7.2	262	11	9.1	0.00
23/12/2023 12:20	7.2	263	14	9.1	0.00
23/12/2023 12:30	7.6	265	14	10.3	0.00
23/12/2023 12:40	8.4	264	12	10.6	0.00
23/12/2023 12:50	8.7	261	11	11.0	0.00
23/12/2023 13:00	8.0	258	11	10.5	0.00
23/12/2023 13:10	8.1	259	10	10.4	0.00
23/12/2023 13:20	8.3	260	11	10.8	0.00
23/12/2023 13:30	8.2	258	11	11.7	0.00
23/12/2023 13:40	8.3	259	12	11.1	0.00
23/12/2023 13:50	8.3	259	10	11.5	0.00
23/12/2023 14:00	9.0	260	12	11.3	0.00
23/12/2023 14:10	8.3	252	12	11.5	0.00
23/12/2023 14:20	8.4	253	13	11.5	0.00
23/12/2023 14:30	7.8	249	12	10.0	0.00
23/12/2023 14:40	7.3	258	13	10.1	0.00
23/12/2023 14:50	6.8	258	12	9.4	0.00
23/12/2023 15:00	6.7	254	13	9.2	0.00
23/12/2023 15:10	6.8	254	12	8.7	0.00
23/12/2023 15:20	8.0	251	12	10.3	0.00
23/12/2023 15:30	7.7	253	11	10.2	0.00
23/12/2023 15:40	7.2	260	11	9.5	0.00
23/12/2023 15:50	7.7	257	13	10.5	0.00
23/12/2023 16:00	7.9	261	12	10.7	0.00
23/12/2023 16:10	7.8	258	11	10.7	0.00
23/12/2023 16:20	7.9	260	10	10.6	0.00
23/12/2023 16:30	7.3	263	12	9.9	0.00
23/12/2023 16:40	7.4	262	12	10.0	0.00
23/12/2023 16:50	6.9	257	13	9.3	0.00
23/12/2023 17:00	7.0	260	11	10.3	0.00
23/12/2023 17:10	7.2	255	12	9.3	0.00
23/12/2023 17:20	7.6	258	11	11.1	0.00
23/12/2023 17:30	7.2	257	11	9.8	0.00
23/12/2023 17:40	8.2	259	11	11.0	0.00
23/12/2023 17:50	8.1	261	10	10.6	0.00
23/12/2023 18:00	7.4	260	11	9.8	0.00
23/12/2023 18:10	7.7	263	10	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 18:20	7.0	257	10	9.5	0.00
23/12/2023 18:30	7.5	259	12	9.9	0.00
23/12/2023 18:40	6.9	259	10	8.9	0.00
23/12/2023 18:50	7.5	258	10	9.8	0.00
23/12/2023 19:00	7.6	259	11	10.3	0.00
23/12/2023 19:10	7.7	259	10	10.2	0.00
23/12/2023 19:20	7.4	260	12	10.1	0.00
23/12/2023 19:30	7.8	258	12	9.9	0.00
23/12/2023 19:40	7.5	257	10	10.6	0.00
23/12/2023 19:50	7.1	255	10	10.5	0.00
23/12/2023 20:00	6.8	258	12	9.5	0.00
23/12/2023 20:10	7.1	256	12	9.6	0.00
23/12/2023 20:20	7.0	258	11	9.6	0.00
23/12/2023 20:30	7.2	253	12	9.5	0.00
23/12/2023 20:40	6.9	255	10	9.4	0.00
23/12/2023 20:50	7.0	256	11	10.1	0.00
23/12/2023 21:00	6.3	258	13	10.0	0.00
23/12/2023 21:10	7.2	256	11	9.6	0.00
23/12/2023 21:20	6.8	255	11	9.2	0.00
23/12/2023 21:30	7.4	253	10	9.6	0.00
23/12/2023 21:40	7.4	253	10	10.3	0.00
23/12/2023 21:50	7.5	253	11	10.3	0.00
23/12/2023 22:00	6.8	254	12	9.1	0.00
23/12/2023 22:10	7.0	252	12	9.7	0.00
23/12/2023 22:20	6.6	251	10	9.4	0.00
23/12/2023 22:30	7.5	253	11	10.7	0.00
23/12/2023 22:40	7.4	254	10	9.9	0.00
23/12/2023 22:50	7.9	253	10	9.9	0.00
23/12/2023 23:00	5.9	249	11	8.2	0.00
23/12/2023 23:10	7.1	253	10	9.1	0.00
23/12/2023 23:20	7.5	252	9	9.5	0.00
23/12/2023 23:30	7.7	254	11	9.5	0.00
23/12/2023 23:40	7.1	254	9	9.9	0.00
23/12/2023 23:50	6.1	251	11	8.7	0.00
24/12/2023 00:00	6.8	255	10	9.7	0.00
24/12/2023 00:10	6.8	253	11	8.8	0.00
24/12/2023 00:20	6.2	249	13	8.4	0.00
24/12/2023 00:30	6.1	252	11	8.7	0.00
24/12/2023 00:40	6.9	253	10	9.3	0.00
24/12/2023 00:50	6.4	250	11	8.7	0.00
24/12/2023 01:00	6.0	251	11	8.1	0.00
24/12/2023 01:10	6.7	254	10	8.7	0.00
24/12/2023 01:20	6.2	254	11	9.0	0.00
24/12/2023 01:30	5.8	248	10	7.5	0.00
24/12/2023 01:40	6.5	251	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 01:50	5.5	251	11	7.7	0.00
24/12/2023 02:00	6.0	252	11	8.1	0.00
24/12/2023 02:10	5.6	251	12	7.9	0.00
24/12/2023 02:20	4.5	251	14	6.4	0.00
24/12/2023 02:30	4.6	253	13	7.1	0.00
24/12/2023 02:40	3.6	241	14	5.7	0.00
24/12/2023 02:50	4.9	245	11	6.8	0.00
24/12/2023 03:00	4.3	249	11	6.0	0.00
24/12/2023 03:10	4.7	251	12	7.3	0.00
24/12/2023 03:20	5.0	250	13	7.0	0.00
24/12/2023 03:30	5.7	253	11	7.4	0.00
24/12/2023 03:40	5.9	253	12	7.8	0.00
24/12/2023 03:50	5.9	253	11	8.3	0.00
24/12/2023 04:00	5.8	255	12	7.8	0.00
24/12/2023 04:10	5.8	253	10	7.5	0.00
24/12/2023 04:20	6.0	252	11	7.5	0.00
24/12/2023 04:30	5.2	250	12	7.4	0.00
24/12/2023 04:40	6.0	253	10	8.2	0.00
24/12/2023 04:50	4.9	251	9	6.4	0.00
24/12/2023 05:00	5.6	251	11	7.8	0.00
24/12/2023 05:10	5.3	251	11	7.8	0.00
24/12/2023 05:20	5.3	253	10	7.4	0.00
24/12/2023 05:30	6.0	254	10	8.3	0.00
24/12/2023 05:40	6.0	252	10	7.3	0.00
24/12/2023 05:50	6.6	251	10	9.0	0.00
24/12/2023 06:00	7.1	255	10	8.8	0.00
24/12/2023 06:10	7.0	253	10	9.0	0.00
24/12/2023 06:20	7.0	254	10	9.0	0.00
24/12/2023 06:30	6.7	253	11	8.5	0.00
24/12/2023 06:40	5.7	253	10	7.8	0.00
24/12/2023 06:50	5.8	252	11	8.3	0.00
24/12/2023 07:00	5.4	249	12	7.4	0.00
24/12/2023 07:10	5.8	256	11	7.4	0.00
24/12/2023 07:20	6.4	255	9	8.7	0.00
24/12/2023 07:30	5.8	249	13	8.3	0.00
24/12/2023 07:40	5.2	243	14	7.5	0.00
24/12/2023 07:50	6.0	248	13	8.2	0.00
24/12/2023 08:00	6.1	257	12	7.9	0.00
24/12/2023 08:10	7.0	254	11	8.8	0.00
24/12/2023 08:20	6.8	251	11	9.1	0.00
24/12/2023 08:30	5.7	250	13	8.2	0.00
24/12/2023 08:40	6.1	257	13	8.4	0.00
24/12/2023 08:50	6.3	262	11	7.9	0.00
24/12/2023 09:00	6.8	261	11	8.5	0.00
24/12/2023 09:10	6.1	259	14	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 09:20	6.2	259	12	8.1	0.00
24/12/2023 09:30	6.0	258	11	8.0	0.00
24/12/2023 09:40	6.1	257	12	7.9	0.00
24/12/2023 09:50	6.8	261	12	8.3	0.00
24/12/2023 10:00	6.1	258	13	7.7	0.00
24/12/2023 10:10	6.5	260	11	8.4	0.00
24/12/2023 10:20	6.7	259	11	9.0	0.00
24/12/2023 10:30	6.3	260	12	8.4	0.00
24/12/2023 10:40	6.6	259	11	8.5	0.00
24/12/2023 10:50	6.7	268	14	9.0	0.00
24/12/2023 11:00	5.8	267	14	7.7	0.00
24/12/2023 11:10	5.7	263	13	7.6	0.00
24/12/2023 11:20	5.6	271	15	7.4	0.00
24/12/2023 11:30	5.7	262	16	7.9	0.00
24/12/2023 11:40	5.7	263	13	7.2	0.00
24/12/2023 11:50	5.8	264	14	8.2	0.00
24/12/2023 12:00	6.6	263	15	8.6	0.00
24/12/2023 12:10	7.0	262	12	9.0	0.00
24/12/2023 12:20	7.7	264	12	9.7	0.00
24/12/2023 12:30	7.6	257	11	9.8	0.00
24/12/2023 12:40	7.8	262	9	9.9	0.00
24/12/2023 12:50	7.5	258	12	9.9	0.00
24/12/2023 13:00	7.9	262	11	10.2	0.00
24/12/2023 13:10	7.7	261	11	10.0	0.00
24/12/2023 13:20	7.3	262	13	9.7	0.00
24/12/2023 13:30	7.9	258	11	11.0	0.00
24/12/2023 13:40	7.9	264	12	9.9	0.00
24/12/2023 13:50	8.3	261	12	10.0	0.00
24/12/2023 14:00	8.1	259	11	10.8	0.00
24/12/2023 14:10	8.0	261	12	10.8	0.00
24/12/2023 14:20	8.2	260	11	10.6	0.00
24/12/2023 14:30	8.2	261	11	10.3	0.00
24/12/2023 14:40	8.0	262	11	10.8	0.00
24/12/2023 14:50	7.8	257	11	10.3	0.00
24/12/2023 15:00	7.8	256	11	10.7	0.00
24/12/2023 15:10	8.3	261	10	10.5	0.00
24/12/2023 15:20	8.3	262	11	11.4	0.00
24/12/2023 15:30	8.0	262	11	10.8	0.00
24/12/2023 15:40	7.9	261	11	9.9	0.00
24/12/2023 15:50	7.9	263	13	10.3	0.00
24/12/2023 16:00	8.2	259	10	10.3	0.00
24/12/2023 16:10	7.8	260	11	10.6	0.00
24/12/2023 16:20	7.4	262	12	10.3	0.00
24/12/2023 16:30	7.2	264	13	9.5	0.00
24/12/2023 16:40	7.2	262	11	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 16:50	7.6	262	11	9.6	0.00
24/12/2023 17:00	8.1	260	11	10.5	0.00
24/12/2023 17:10	7.3	262	11	10.3	0.00
24/12/2023 17:20	7.2	261	10	9.8	0.00
24/12/2023 17:30	7.7	262	10	9.9	0.00
24/12/2023 17:40	7.7	260	9	10.3	0.00
24/12/2023 17:50	7.5	261	10	9.9	0.00
24/12/2023 18:00	8.0	260	9	9.9	0.00
24/12/2023 18:10	8.1	263	9	10.4	0.00
24/12/2023 18:20	7.6	259	9	10.4	0.00
24/12/2023 18:30	7.8	259	10	9.9	0.00
24/12/2023 18:40	7.4	261	11	10.0	0.00
24/12/2023 18:50	7.2	261	11	10.0	0.00
24/12/2023 19:00	7.0	260	10	8.9	0.00
24/12/2023 19:10	6.9	260	12	8.7	0.00
24/12/2023 19:20	6.7	259	11	9.1	0.00
24/12/2023 19:30	6.7	261	11	8.6	0.00
24/12/2023 19:40	6.6	257	10	9.5	0.00
24/12/2023 19:50	6.7	262	8	8.9	0.00
24/12/2023 20:00	6.7	261	11	8.5	0.00
24/12/2023 20:10	6.8	262	10	9.4	0.00
24/12/2023 20:20	6.3	257	11	8.1	0.00
24/12/2023 20:30	7.2	262	10	9.0	0.00
24/12/2023 20:40	6.8	259	9	9.0	0.00
24/12/2023 20:50	6.9	259	10	8.7	0.00
24/12/2023 21:00	6.3	258	11	8.3	0.00
24/12/2023 21:10	6.6	260	11	8.8	0.00
24/12/2023 21:20	6.9	260	11	9.9	0.00
24/12/2023 21:30	7.3	263	10	9.7	0.00
24/12/2023 21:40	6.5	260	10	8.3	0.00
24/12/2023 21:50	7.0	256	10	9.5	0.00
24/12/2023 22:00	6.6	259	11	9.1	0.00
24/12/2023 22:10	6.6	255	12	9.6	0.00
24/12/2023 22:20	6.7	260	11	8.9	0.00
24/12/2023 22:30	6.6	260	11	8.6	0.00
24/12/2023 22:40	6.6	260	10	8.9	0.00
24/12/2023 22:50	6.7	253	11	9.3	0.00
24/12/2023 23:00	7.0	259	10	8.8	0.00
24/12/2023 23:10	6.7	259	13	9.5	0.00
24/12/2023 23:20	6.2	255	10	8.5	0.00
24/12/2023 23:30	6.4	253	11	8.7	0.00
24/12/2023 23:40	7.4	255	10	9.5	0.00
24/12/2023 23:50	7.3	253	12	10.3	0.00
25/12/2023 00:00	7.6	255	12	9.9	0.00
25/12/2023 00:10	7.4	253	11	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 00:20	6.5	253	10	8.4	0.00
25/12/2023 00:30	6.6	255	11	8.8	0.00
25/12/2023 00:40	6.1	251	12	8.3	0.00
25/12/2023 00:50	6.2	251	11	8.3	0.00
25/12/2023 01:00	5.5	254	10	7.2	0.00
25/12/2023 01:10	5.5	253	11	7.9	0.00
25/12/2023 01:20	5.9	253	11	7.9	0.00
25/12/2023 01:30	6.1	251	11	8.4	0.00
25/12/2023 01:40	5.4	255	10	7.1	0.00
25/12/2023 01:50	5.0	253	11	6.6	0.00
25/12/2023 02:00	5.7	249	13	8.0	0.00
25/12/2023 02:10	4.9	248	14	6.5	0.00
25/12/2023 02:20	5.4	248	12	7.5	0.00
25/12/2023 02:30	5.9	254	10	8.1	0.00
25/12/2023 02:40	5.2	253	10	8.0	0.00
25/12/2023 02:50	6.0	254	12	8.9	0.00
25/12/2023 03:00	5.2	249	12	7.7	0.00
25/12/2023 03:10	5.5	246	13	7.8	0.00
25/12/2023 03:20	5.7	253	12	8.3	0.00
25/12/2023 03:30	5.7	256	11	7.8	0.00
25/12/2023 03:40	5.2	254	9	7.2	0.00
25/12/2023 03:50	5.1	252	12	7.1	0.00
25/12/2023 04:00	4.1	248	13	6.2	0.00
25/12/2023 04:10	4.1	248	12	5.6	0.00
25/12/2023 04:20	4.2	250	11	6.0	0.00
25/12/2023 04:30	4.4	253	11	6.3	0.00
25/12/2023 04:40	5.7	252	10	7.5	0.00
25/12/2023 04:50	5.8	250	11	7.7	0.00
25/12/2023 05:00	5.7	252	12	7.6	0.00
25/12/2023 05:10	5.4	255	10	7.8	0.00
25/12/2023 05:20	4.8	252	12	6.8	0.00
25/12/2023 05:30	5.3	252	11	7.8	0.00
25/12/2023 05:40	5.1	251	12	7.0	0.00
25/12/2023 05:50	5.5	251	12	7.2	0.00
25/12/2023 06:00	6.0	254	10	8.9	0.00
25/12/2023 06:10	6.0	251	11	8.6	0.00
25/12/2023 06:20	5.8	253	11	7.9	0.00
25/12/2023 06:30	5.2	250	14	7.2	0.00
25/12/2023 06:40	5.2	246	11	7.4	0.00
25/12/2023 06:50	5.6	243	12	7.6	0.00
25/12/2023 07:00	5.7	246	11	7.9	0.00
25/12/2023 07:10	5.6	253	12	7.5	0.00
25/12/2023 07:20	5.6	248	13	7.7	0.00
25/12/2023 07:30	5.5	246	13	7.2	0.00
25/12/2023 07:40	5.4	245	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 07:50	5.9	239	12	7.9	0.00
25/12/2023 08:00	5.5	251	13	7.5	0.00
25/12/2023 08:10	5.8	248	11	7.8	0.00
25/12/2023 08:20	5.3	248	15	6.8	0.00
25/12/2023 08:30	6.1	247	10	8.2	0.00
25/12/2023 08:40	5.9	253	13	8.1	0.00
25/12/2023 08:50	6.0	252	13	8.5	0.00
25/12/2023 09:00	6.3	258	11	8.7	0.00
25/12/2023 09:10	6.6	255	13	8.3	0.00
25/12/2023 09:20	6.6	258	12	9.1	0.00
25/12/2023 09:30	6.8	261	12	9.1	0.00
25/12/2023 09:40	6.5	255	12	9.2	0.00
25/12/2023 09:50	6.5	254	12	8.5	0.00
25/12/2023 10:00	7.0	257	13	9.1	0.00
25/12/2023 10:10	7.2	262	10	10.0	0.00
25/12/2023 10:20	7.1	261	11	9.8	0.00
25/12/2023 10:30	7.0	258	13	9.4	0.00
25/12/2023 10:40	7.5	256	13	10.0	0.00
25/12/2023 10:50	7.7	260	12	10.4	0.00
25/12/2023 11:00	7.6	262	13	9.9	0.00
25/12/2023 11:10	8.2	261	9	10.6	0.00
25/12/2023 11:20	7.6	260	12	10.1	0.00
25/12/2023 11:30	8.0	260	12	10.4	0.00
25/12/2023 11:40	8.0	264	12	10.1	0.00
25/12/2023 11:50	8.4	261	12	10.3	0.00
25/12/2023 12:00	8.1	261	12	10.7	0.00
25/12/2023 12:10	8.3	261	13	10.7	0.00
25/12/2023 12:20	8.1	259	13	10.4	0.00
25/12/2023 12:30	7.7	260	13	9.9	0.00
25/12/2023 12:40	8.1	260	10	10.9	0.00
25/12/2023 12:50	7.9	259	12	10.4	0.00
25/12/2023 13:00	8.3	259	11	10.6	0.00
25/12/2023 13:10	7.5	260	14	9.8	0.00
25/12/2023 13:20	8.1	259	11	10.7	0.00
25/12/2023 13:30	8.2	260	12	10.7	0.00
25/12/2023 13:40	7.9	264	12	10.7	0.00
25/12/2023 13:50	8.3	261	11	12.1	0.00
25/12/2023 14:00	8.3	261	10	11.5	0.00
25/12/2023 14:10	8.4	260	12	11.1	0.00
25/12/2023 14:20	8.5	261	12	11.1	0.00
25/12/2023 14:30	8.2	263	10	11.4	0.00
25/12/2023 14:40	8.3	258	11	11.3	0.00
25/12/2023 14:50	8.8	261	12	11.1	0.00
25/12/2023 15:00	8.7	259	11	11.8	0.00
25/12/2023 15:10	9.1	262	12	11.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 15:20	8.6	259	10	11.0	0.00
25/12/2023 15:30	8.6	260	12	12.0	0.00
25/12/2023 15:40	8.4	258	12	10.9	0.00
25/12/2023 15:50	8.3	258	12	11.2	0.00
25/12/2023 16:00	9.0	258	10	11.9	0.00
25/12/2023 16:10	8.9	262	10	11.1	0.00
25/12/2023 16:20	8.7	260	10	11.1	0.00
25/12/2023 16:30	8.0	263	13	11.5	0.00
25/12/2023 16:40	8.7	263	10	12.0	0.00
25/12/2023 16:50	9.0	259	9	11.6	0.00
25/12/2023 17:00	8.2	258	11	10.6	0.00
25/12/2023 17:10	7.7	260	10	10.3	0.00
25/12/2023 17:20	8.4	259	11	11.5	0.00
25/12/2023 17:30	8.5	263	10	11.0	0.00
25/12/2023 17:40	8.5	263	9	11.0	0.00
25/12/2023 17:50	8.5	261	10	11.5	0.00
25/12/2023 18:00	8.5	262	10	11.3	0.00
25/12/2023 18:10	8.0	261	10	10.6	0.00
25/12/2023 18:20	8.2	262	11	11.0	0.00
25/12/2023 18:30	8.0	262	10	10.2	0.00
25/12/2023 18:40	7.6	262	10	10.2	0.00
25/12/2023 18:50	7.8	262	11	10.6	0.00
25/12/2023 19:00	8.2	259	10	11.1	0.00
25/12/2023 19:10	8.2	260	8	10.6	0.00
25/12/2023 19:20	7.7	260	10	9.7	0.00
25/12/2023 19:30	8.4	261	9	10.6	0.00
25/12/2023 19:40	7.5	259	9	10.0	0.00
25/12/2023 19:50	8.0	260	11	10.0	0.00
25/12/2023 20:00	7.8	261	9	10.8	0.00
25/12/2023 20:10	7.9	260	10	10.0	0.00
25/12/2023 20:20	7.7	259	9	10.3	0.00
25/12/2023 20:30	7.2	256	10	9.5	0.00
25/12/2023 20:40	7.6	257	11	10.3	0.00
25/12/2023 20:50	6.8	253	11	9.6	0.00
25/12/2023 21:00	7.2	254	12	9.7	0.00
25/12/2023 21:10	6.6	258	12	9.1	0.00
25/12/2023 21:20	5.5	257	12	7.7	0.00
25/12/2023 21:30	7.4	255	10	9.5	0.00
25/12/2023 21:40	6.5	255	10	8.6	0.00
25/12/2023 21:50	6.7	255	12	9.0	0.00
25/12/2023 22:00	6.9	250	11	9.3	0.00
25/12/2023 22:10	6.5	254	12	9.3	0.00
25/12/2023 22:20	6.7	256	11	8.7	0.00
25/12/2023 22:30	6.6	257	10	8.6	0.00
25/12/2023 22:40	6.4	256	11	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 22:50	7.2	253	12	9.5	0.00
25/12/2023 23:00	6.4	254	10	8.4	0.00
25/12/2023 23:10	6.4	254	11	9.0	0.00
25/12/2023 23:20	6.5	251	10	9.2	0.00
25/12/2023 23:30	7.0	254	10	9.9	0.00
25/12/2023 23:40	6.5	255	12	9.3	0.00
25/12/2023 23:50	7.1	253	11	9.2	0.00
26/12/2023 00:00	7.4	256	10	9.7	0.00
26/12/2023 00:10	7.6	254	12	9.6	0.00
26/12/2023 00:20	7.3	253	11	9.5	0.00
26/12/2023 00:30	7.7	252	12	9.9	0.00
26/12/2023 00:40	7.7	252	11	9.5	0.00
26/12/2023 00:50	7.2	254	10	9.5	0.00
26/12/2023 01:00	7.0	255	12	9.1	0.00
26/12/2023 01:10	6.6	252	12	8.8	0.00
26/12/2023 01:20	7.1	254	11	10.3	0.00
26/12/2023 01:30	7.2	255	11	9.9	0.00
26/12/2023 01:40	7.3	254	11	9.5	0.00
26/12/2023 01:50	7.1	255	11	9.5	0.00
26/12/2023 02:00	7.4	254	10	9.6	0.00
26/12/2023 02:10	6.2	249	13	8.3	0.00
26/12/2023 02:20	6.2	253	10	8.3	0.00
26/12/2023 02:30	6.6	250	14	9.1	0.00
26/12/2023 02:40	6.6	249	12	9.5	0.00
26/12/2023 02:50	6.9	253	11	9.4	0.00
26/12/2023 03:00	6.7	253	10	8.5	0.00
26/12/2023 03:10	6.1	254	11	8.1	0.00
26/12/2023 03:20	6.7	248	11	9.1	0.00
26/12/2023 03:30	6.9	247	11	9.5	0.00
26/12/2023 03:40	6.2	250	11	8.6	0.00
26/12/2023 03:50	6.5	251	11	8.8	0.00
26/12/2023 04:00	6.5	251	11	9.0	0.00
26/12/2023 04:10	6.6	250	10	9.1	0.00
26/12/2023 04:20	5.8	253	12	8.7	0.00
26/12/2023 04:30	5.8	252	12	7.9	0.00
26/12/2023 04:40	6.1	249	12	8.5	0.00
26/12/2023 04:50	6.7	253	11	8.8	0.00
26/12/2023 05:00	6.5	251	12	9.1	0.00
26/12/2023 05:10	6.4	248	12	8.2	0.00
26/12/2023 05:20	6.5	249	13	9.1	0.00
26/12/2023 05:30	6.5	252	11	8.8	0.00
26/12/2023 05:40	6.7	251	12	8.8	0.00
26/12/2023 05:50	6.9	248	11	9.9	0.00
26/12/2023 06:00	6.9	252	11	9.5	0.00
26/12/2023 06:10	6.3	250	11	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 06:20	6.7	247	12	9.0	0.00
26/12/2023 06:30	6.7	246	13	8.4	0.00
26/12/2023 06:40	7.0	245	12	9.2	0.00
26/12/2023 06:50	6.3	245	12	8.7	0.00
26/12/2023 07:00	6.6	247	13	9.2	0.00
26/12/2023 07:10	6.5	247	13	9.0	0.00
26/12/2023 07:20	6.0	244	14	8.6	0.00
26/12/2023 07:30	7.1	244	12	10.2	0.00
26/12/2023 07:40	7.0	245	12	9.6	0.00
26/12/2023 07:50	6.8	246	14	9.1	0.00
26/12/2023 08:00	6.6	247	13	8.8	0.00
26/12/2023 08:10	6.7	238	14	9.5	0.00
26/12/2023 08:20	6.3	235	15	8.7	0.00
26/12/2023 08:30	6.5	236	17	9.1	0.00
26/12/2023 08:40	6.8	246	12	8.7	0.00
26/12/2023 08:50	6.0	239	12	8.6	0.00
26/12/2023 09:00	6.5	239	14	9.7	0.00
26/12/2023 09:10	6.7	240	13	9.2	0.00
26/12/2023 09:20	6.5	239	16	9.4	0.00
26/12/2023 09:30	6.2	248	14	9.5	0.00
26/12/2023 09:40	6.4	250	14	9.0	0.00
26/12/2023 09:50	7.1	253	12	9.3	0.00
26/12/2023 10:00	6.7	250	15	8.8	0.00
26/12/2023 10:10	6.5	257	11	8.9	0.00
26/12/2023 10:20	6.9	261	11	9.1	0.00
26/12/2023 10:30	7.5	264	11	9.6	0.00
26/12/2023 10:40	8.0	260	11	9.9	0.00
26/12/2023 10:50	8.6	264	10	10.7	0.00
26/12/2023 11:00	8.1	259	11	10.7	0.00
26/12/2023 11:10	7.9	262	12	9.9	0.00
26/12/2023 11:20	8.1	261	11	10.4	0.00
26/12/2023 11:30	8.0	261	12	10.3	0.00
26/12/2023 11:40	8.6	261	11	11.4	0.00
26/12/2023 11:50	9.0	260	12	11.0	0.00
26/12/2023 12:00	8.7	261	10	11.5	0.00
26/12/2023 12:10	8.2	257	12	10.4	0.00
26/12/2023 12:20	8.6	258	12	11.5	0.00
26/12/2023 12:30	8.6	258	11	11.8	0.00
26/12/2023 12:40	8.6	259	12	11.1	0.00
26/12/2023 12:50	8.6	259	11	11.7	0.00
26/12/2023 13:00	8.9	262	10	12.2	0.00
26/12/2023 13:10	8.5	261	12	11.5	0.00
26/12/2023 13:20	8.7	261	11	11.1	0.00
26/12/2023 13:30	9.0	263	11	12.0	0.00
26/12/2023 13:40	9.0	263	11	12.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 13:50	9.4	264	10	12.0	0.00
26/12/2023 14:00	9.4	261	12	12.1	0.00
26/12/2023 14:10	9.6	260	10	13.5	0.00
26/12/2023 14:20	9.6	260	10	13.1	0.00
26/12/2023 14:30	9.8	260	11	12.4	0.00
26/12/2023 14:40	9.6	260	12	12.7	0.00
26/12/2023 14:50	9.7	263	13	12.8	0.00
26/12/2023 15:00	10.0	260	11	13.1	0.00
26/12/2023 15:10	9.6	259	11	12.5	0.00
26/12/2023 15:20	9.2	260	12	12.7	0.00
26/12/2023 15:30	9.0	260	12	11.9	0.00
26/12/2023 15:40	9.2	261	10	12.2	0.00
26/12/2023 15:50	9.5	259	10	12.3	0.00
26/12/2023 16:00	9.6	260	9	13.1	0.00
26/12/2023 16:10	8.9	260	10	12.3	0.00
26/12/2023 16:20	9.6	260	11	12.4	0.00
26/12/2023 16:30	9.0	260	11	12.5	0.00
26/12/2023 16:40	8.7	261	12	11.5	0.00
26/12/2023 16:50	8.9	262	10	12.3	0.00
26/12/2023 17:00	8.2	260	11	11.4	0.00
26/12/2023 17:10	8.2	261	11	11.1	0.00
26/12/2023 17:20	8.1	259	11	11.1	0.00
26/12/2023 17:30	8.1	256	13	11.7	0.00
26/12/2023 17:40	7.9	256	12	10.6	0.00
26/12/2023 17:50	7.1	258	14	9.9	0.00
26/12/2023 18:00	8.1	257	12	10.8	0.00
26/12/2023 18:10	7.4	255	12	9.7	0.00
26/12/2023 18:20	7.9	254	11	10.4	0.00
26/12/2023 18:30	8.0	255	11	11.1	0.00
26/12/2023 18:40	7.1	253	12	9.5	0.00
26/12/2023 18:50	7.4	256	12	10.5	0.00
26/12/2023 19:00	7.8	255	11	10.1	0.00
26/12/2023 19:10	7.6	256	10	10.0	0.00
26/12/2023 19:20	7.6	254	12	9.9	0.00
26/12/2023 19:30	7.3	256	11	10.9	0.00
26/12/2023 19:40	7.8	255	11	10.3	0.00
26/12/2023 19:50	6.2	255	12	8.8	0.00
26/12/2023 20:00	6.6	256	12	9.1	0.00
26/12/2023 20:10	5.9	255	12	8.3	0.00
26/12/2023 20:20	6.3	254	12	9.0	0.00
26/12/2023 20:30	5.4	252	12	8.1	0.00
26/12/2023 20:40	5.8	252	11	8.3	0.00
26/12/2023 20:50	6.0	253	12	8.7	0.00
26/12/2023 21:00	7.5	252	11	9.5	0.00
26/12/2023 21:10	6.7	251	12	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 21:20	6.2	251	12	9.5	0.00
26/12/2023 21:30	6.2	252	11	8.6	0.00
26/12/2023 21:40	5.8	250	12	8.3	0.00
26/12/2023 21:50	6.7	252	11	9.1	0.00
26/12/2023 22:00	7.0	255	10	9.6	0.00
26/12/2023 22:10	7.0	253	11	9.7	0.00
26/12/2023 22:20	7.0	254	11	9.4	0.00
26/12/2023 22:30	7.0	255	11	9.1	0.00
26/12/2023 22:40	6.2	254	12	8.2	0.00
26/12/2023 22:50	6.4	255	10	9.0	0.00
26/12/2023 23:00	7.2	255	10	9.7	0.00
26/12/2023 23:10	7.0	252	10	9.1	0.00
26/12/2023 23:20	6.4	253	11	8.6	0.00
26/12/2023 23:30	6.1	253	10	8.5	0.00
26/12/2023 23:40	6.0	255	11	8.9	0.00
26/12/2023 23:50	5.7	255	11	7.5	0.00
27/12/2023 00:00	6.4	254	12	8.3	0.00
27/12/2023 00:10	6.8	252	11	9.1	0.00
27/12/2023 00:20	6.8	253	11	8.8	0.00
27/12/2023 00:30	6.5	253	11	8.5	0.00
27/12/2023 00:40	6.1	253	10	8.2	0.00
27/12/2023 00:50	6.1	256	13	8.7	0.00
27/12/2023 01:00	6.0	256	13	8.4	0.00
27/12/2023 01:10	6.6	256	12	9.1	0.00
27/12/2023 01:20	6.2	253	11	8.1	0.00
27/12/2023 01:30	5.7	255	11	7.5	0.00
27/12/2023 01:40	6.9	254	12	9.5	0.00
27/12/2023 01:50	6.4	255	10	8.4	0.00
27/12/2023 02:00	6.0	253	11	7.6	0.00
27/12/2023 02:10	5.9	252	12	8.9	0.00
27/12/2023 02:20	6.1	255	13	8.5	0.00
27/12/2023 02:30	5.7	251	11	8.2	0.00
27/12/2023 02:40	5.5	251	13	7.8	0.00
27/12/2023 02:50	6.5	255	10	8.3	0.00
27/12/2023 03:00	6.6	253	11	9.3	0.00
27/12/2023 03:10	6.5	256	11	8.7	0.00
27/12/2023 03:20	6.3	253	10	8.4	0.00
27/12/2023 03:30	6.8	254	10	9.4	0.00
27/12/2023 03:40	6.6	253	12	8.6	0.00
27/12/2023 03:50	5.8	250	11	7.6	0.00
27/12/2023 04:00	5.8	252	10	7.5	0.00
27/12/2023 04:10	6.4	255	11	8.9	0.00
27/12/2023 04:20	6.7	255	12	8.3	0.00
27/12/2023 04:30	6.1	253	11	8.6	0.00
27/12/2023 04:40	5.9	253	11	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 04:50	5.9	251	14	8.7	0.00
27/12/2023 05:00	5.8	253	12	7.8	0.00
27/12/2023 05:10	6.1	248	12	8.6	0.00
27/12/2023 05:20	6.2	249	12	9.0	0.00
27/12/2023 05:30	6.1	247	12	8.9	0.00
27/12/2023 05:40	5.7	246	12	8.1	0.00
27/12/2023 05:50	5.3	243	12	7.9	0.00
27/12/2023 06:00	5.4	248	12	7.6	0.00
27/12/2023 06:10	5.6	247	13	7.9	0.00
27/12/2023 06:20	5.5	245	12	7.9	0.00
27/12/2023 06:30	5.5	242	11	8.0	0.00
27/12/2023 06:40	5.2	244	11	7.1	0.00
27/12/2023 06:50	4.9	243	12	6.7	0.00
27/12/2023 07:00	4.6	241	13	6.3	0.00
27/12/2023 07:10	4.4	238	13	5.8	0.00
27/12/2023 07:20	5.1	243	11	6.4	0.00
27/12/2023 07:30	5.5	249	11	7.7	0.00
27/12/2023 07:40	5.7	242	12	7.4	0.00
27/12/2023 07:50	5.2	239	11	7.1	0.00
27/12/2023 08:00	4.8	233	14	6.8	0.00
27/12/2023 08:10	4.8	232	13	7.5	0.00
27/12/2023 08:20	5.2	226	15	7.2	0.00
27/12/2023 08:30	5.3	235	16	6.8	0.00
27/12/2023 08:40	5.2	236	13	7.4	0.00
27/12/2023 08:50	5.2	247	13	6.9	0.00
27/12/2023 09:00	5.1	249	13	7.0	0.00
27/12/2023 09:10	5.2	261	11	6.7	0.00
27/12/2023 09:20	5.4	256	12	7.3	0.00
27/12/2023 09:30	6.1	255	12	8.0	0.00
27/12/2023 09:40	6.1	264	12	7.5	0.00
27/12/2023 09:50	6.3	262	11	8.1	0.00
27/12/2023 10:00	6.6	264	11	8.5	0.00
27/12/2023 10:10	7.0	265	12	8.5	0.00
27/12/2023 10:20	6.5	263	13	8.5	0.00
27/12/2023 10:30	6.7	264	12	8.7	0.00
27/12/2023 10:40	6.5	261	14	9.3	0.00
27/12/2023 10:50	6.8	262	13	9.1	0.00
27/12/2023 11:00	6.8	273	13	8.7	0.00
27/12/2023 11:10	7.1	267	14	8.8	0.00
27/12/2023 11:20	7.6	266	12	9.9	0.00
27/12/2023 11:30	7.1	267	13	9.1	0.00
27/12/2023 11:40	6.9	268	14	9.2	0.00
27/12/2023 11:50	7.3	265	13	9.7	0.00
27/12/2023 12:00	7.1	268	14	9.5	0.00
27/12/2023 12:10	7.3	266	13	10.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 12:20	7.4	263	12	10.0	0.00
27/12/2023 12:30	7.6	263	12	9.9	0.00
27/12/2023 12:40	7.2	266	12	9.5	0.00
27/12/2023 12:50	7.4	269	12	10.0	0.00
27/12/2023 13:00	8.1	264	12	10.7	0.00
27/12/2023 13:10	7.9	264	13	10.0	0.00
27/12/2023 13:20	7.9	264	12	10.3	0.00
27/12/2023 13:30	8.3	260	11	10.8	0.00
27/12/2023 13:40	7.9	260	12	10.7	0.00
27/12/2023 13:50	8.2	264	11	10.6	0.00
27/12/2023 14:00	8.8	263	11	11.6	0.00
27/12/2023 14:10	8.4	263	11	11.4	0.00
27/12/2023 14:20	8.4	256	11	11.3	0.00
27/12/2023 14:30	8.5	260	12	11.8	0.00
27/12/2023 14:40	8.6	260	12	11.5	0.00
27/12/2023 14:50	8.7	260	11	11.1	0.00
27/12/2023 15:00	8.5	261	12	11.4	0.00
27/12/2023 15:10	8.6	263	12	12.0	0.00
27/12/2023 15:20	8.1	259	12	10.7	0.00
27/12/2023 15:30	9.1	264	10	11.9	0.00
27/12/2023 15:40	9.9	260	10	13.0	0.00
27/12/2023 15:50	9.5	260	10	12.9	0.00
27/12/2023 16:00	9.3	264	10	12.2	0.00
27/12/2023 16:10	9.1	260	11	12.0	0.00
27/12/2023 16:20	9.8	262	10	12.4	0.00
27/12/2023 16:30	9.7	262	9	13.1	0.00
27/12/2023 16:40	9.2	263	10	12.5	0.00
27/12/2023 16:50	8.9	263	12	11.9	0.00
27/12/2023 17:00	8.0	261	10	10.5	0.00
27/12/2023 17:10	8.2	262	9	11.0	0.00
27/12/2023 17:20	8.1	263	9	11.1	0.00
27/12/2023 17:30	8.3	262	10	10.4	0.00
27/12/2023 17:40	7.4	259	11	9.9	0.00
27/12/2023 17:50	6.9	262	11	9.4	0.00
27/12/2023 18:00	7.1	263	11	9.9	0.00
27/12/2023 18:10	7.7	263	12	10.2	0.00
27/12/2023 18:20	7.1	257	11	9.7	0.00
27/12/2023 18:30	7.5	260	11	10.2	0.00
27/12/2023 18:40	6.7	258	11	9.1	0.00
27/12/2023 18:50	6.7	257	11	9.1	0.00
27/12/2023 19:00	6.4	257	11	8.7	0.00
27/12/2023 19:10	6.2	256	12	8.4	0.00
27/12/2023 19:20	5.6	256	12	9.1	0.00
27/12/2023 19:30	6.3	258	12	9.1	0.00
27/12/2023 19:40	6.0	262	10	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 19:50	6.0	258	12	8.5	0.00
27/12/2023 20:00	5.6	261	11	7.8	0.00
27/12/2023 20:10	5.4	259	11	8.1	0.00
27/12/2023 20:20	4.5	257	13	6.6	0.00
27/12/2023 20:30	4.7	258	12	6.7	0.00
27/12/2023 20:40	4.5	260	14	6.8	0.00
27/12/2023 20:50	5.0	257	14	7.0	0.00
27/12/2023 21:00	5.5	258	12	7.6	0.00
27/12/2023 21:10	4.9	257	14	6.8	0.00
27/12/2023 21:20	6.0	257	12	8.6	0.00
27/12/2023 21:30	5.4	256	11	7.4	0.00
27/12/2023 21:40	5.4	256	12	7.5	0.00
27/12/2023 21:50	6.0	257	12	8.2	0.00
27/12/2023 22:00	6.7	257	10	9.2	0.00
27/12/2023 22:10	5.1	256	12	7.6	0.00
27/12/2023 22:20	6.2	252	12	8.6	0.00
27/12/2023 22:30	6.5	250	12	8.7	0.00
27/12/2023 22:40	5.9	253	10	7.6	0.00
27/12/2023 22:50	5.1	256	13	7.3	0.00
27/12/2023 23:00	5.6	254	12	8.1	0.00
27/12/2023 23:10	6.0	256	11	7.8	0.00
27/12/2023 23:20	5.5	252	12	7.5	0.00
27/12/2023 23:30	5.4	256	11	7.5	0.00
27/12/2023 23:40	5.4	253	11	7.4	0.00
27/12/2023 23:50	5.1	249	12	7.2	0.00
28/12/2023 00:00	5.1	252	12	7.1	0.00
28/12/2023 00:10	4.9	255	13	6.7	0.00
28/12/2023 00:20	5.6	257	10	7.4	0.00
28/12/2023 00:30	6.1	252	11	8.0	0.00
28/12/2023 00:40	6.0	253	9	7.8	0.00
28/12/2023 00:50	5.3	252	10	6.8	0.00
28/12/2023 01:00	4.7	252	12	6.4	0.00
28/12/2023 01:10	4.3	251	12	5.5	0.00
28/12/2023 01:20	5.3	255	11	6.8	0.00
28/12/2023 01:30	5.1	254	12	7.2	0.00
28/12/2023 01:40	5.4	255	10	7.9	0.00
28/12/2023 01:50	5.1	256	11	6.8	0.00
28/12/2023 02:00	5.5	254	11	7.4	0.00
28/12/2023 02:10	5.1	255	11	7.1	0.00
28/12/2023 02:20	5.2	254	12	7.5	0.00
28/12/2023 02:30	4.5	252	11	6.6	0.00
28/12/2023 02:40	5.4	257	11	6.8	0.00
28/12/2023 02:50	4.9	252	11	6.3	0.00
28/12/2023 03:00	4.9	256	11	6.6	0.00
28/12/2023 03:10	4.8	254	10	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 03:20	4.7	255	10	6.0	0.00
28/12/2023 03:30	4.7	256	11	6.0	0.00
28/12/2023 03:40	5.4	259	10	7.1	0.00
28/12/2023 03:50	5.7	255	10	7.5	0.00
28/12/2023 04:00	6.2	255	10	8.1	0.00
28/12/2023 04:10	6.4	254	10	8.6	0.00
28/12/2023 04:20	5.7	253	11	7.6	0.00
28/12/2023 04:30	6.0	253	11	7.8	0.00
28/12/2023 04:40	5.0	254	11	7.0	0.00
28/12/2023 04:50	5.3	255	12	7.5	0.00
28/12/2023 05:00	5.2	255	11	6.5	0.00
28/12/2023 05:10	4.7	255	10	6.4	0.00
28/12/2023 05:20	3.8	250	11	5.6	0.00
28/12/2023 05:30	5.3	254	10	7.1	0.00
28/12/2023 05:40	5.1	253	10	6.6	0.00
28/12/2023 05:50	5.0	253	10	6.6	0.00
28/12/2023 06:00	4.2	256	11	6.0	0.00
28/12/2023 06:10	4.8	255	10	6.0	0.00
28/12/2023 06:20	4.6	257	9	6.5	0.00
28/12/2023 06:30	4.5	250	13	5.9	0.00
28/12/2023 06:40	5.3	253	13	7.1	0.00
28/12/2023 06:50	5.6	252	12	7.2	0.00
28/12/2023 07:00	5.8	255	11	7.8	0.00
28/12/2023 07:10	5.9	255	10	7.8	0.00
28/12/2023 07:20	5.8	256	10	7.5	0.00
28/12/2023 07:30	5.1	253	11	6.4	0.00
28/12/2023 07:40	5.0	246	11	6.8	0.00
28/12/2023 07:50	5.4	252	12	6.9	0.00
28/12/2023 08:00	5.2	253	11	6.7	0.00
28/12/2023 08:10	5.3	255	10	6.5	0.00
28/12/2023 08:20	5.0	257	10	6.7	0.00
28/12/2023 08:30	5.1	254	11	6.4	0.00
28/12/2023 08:40	5.2	260	11	7.0	0.00
28/12/2023 08:50	4.8	259	14	6.4	0.00
28/12/2023 09:00	5.1	261	11	6.3	0.00
28/12/2023 09:10	5.4	261	11	6.9	0.00
28/12/2023 09:20	5.5	257	14	7.1	0.00
28/12/2023 09:30	5.7	262	11	7.2	0.00
28/12/2023 09:40	6.1	263	11	7.7	0.00
28/12/2023 09:50	5.8	261	12	7.2	0.00
28/12/2023 10:00	5.7	259	11	7.4	0.00
28/12/2023 10:10	6.2	258	12	8.2	0.00
28/12/2023 10:20	6.9	261	10	8.4	0.00
28/12/2023 10:30	7.4	265	10	9.3	0.00
28/12/2023 10:40	7.4	262	10	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 10:50	7.2	262	10	8.9	0.00
28/12/2023 11:00	7.5	263	9	9.9	0.00
28/12/2023 11:10	7.7	263	10	9.7	0.00
28/12/2023 11:20	7.5	261	10	9.5	0.00
28/12/2023 11:30	7.3	259	11	9.4	0.00
28/12/2023 11:40	7.0	259	11	9.3	0.00
28/12/2023 11:50	7.2	262	11	9.2	0.00
28/12/2023 12:00	7.3	260	11	9.3	0.00
28/12/2023 12:10	6.6	257	12	9.1	0.00
28/12/2023 12:20	6.6	257	14	9.1	0.00
28/12/2023 12:30	6.5	266	16	9.2	0.00
28/12/2023 12:40	6.7	262	13	9.3	0.00
28/12/2023 12:50	7.1	264	11	9.2	0.00
28/12/2023 13:00	7.1	265	11	9.8	0.00
28/12/2023 13:10	6.7	262	14	9.4	0.00
28/12/2023 13:20	7.7	263	11	9.9	0.00
28/12/2023 13:30	7.8	262	12	10.3	0.00
28/12/2023 13:40	7.8	264	12	10.4	0.00
28/12/2023 13:50	8.2	261	9	10.3	0.00
28/12/2023 14:00	8.2	262	9	10.7	0.00
28/12/2023 14:10	7.9	261	11	10.2	0.00
28/12/2023 14:20	8.3	261	11	10.5	0.00
28/12/2023 14:30	8.2	260	11	10.9	0.00
28/12/2023 14:40	7.8	261	11	10.0	0.00
28/12/2023 14:50	7.1	257	10	9.8	0.00
28/12/2023 15:00	7.1	259	13	9.5	0.00
28/12/2023 15:10	8.2	262	11	10.5	0.00
28/12/2023 15:20	8.4	259	10	11.1	0.00
28/12/2023 15:30	7.9	261	10	10.3	0.00
28/12/2023 15:40	7.8	263	10	10.9	0.00
28/12/2023 15:50	8.2	261	11	10.3	0.00
28/12/2023 16:00	7.7	261	12	9.9	0.00
28/12/2023 16:10	7.2	262	13	9.8	0.00
28/12/2023 16:20	8.0	263	10	10.6	0.00
28/12/2023 16:30	8.2	265	11	11.1	0.00
28/12/2023 16:40	7.3	260	10	9.6	0.00
28/12/2023 16:50	7.4	262	11	10.4	0.00
28/12/2023 17:00	7.3	260	11	10.0	0.00
28/12/2023 17:10	7.1	263	12	9.6	0.00
28/12/2023 17:20	6.9	265	10	9.2	0.00
28/12/2023 17:30	7.2	262	11	9.3	0.00
28/12/2023 17:40	7.0	261	11	9.5	0.00
28/12/2023 17:50	7.1	262	9	9.7	0.00
28/12/2023 18:00	7.0	259	10	9.2	0.00
28/12/2023 18:10	6.8	260	10	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 18:20	6.0	264	12	7.9	0.00
28/12/2023 18:30	6.7	264	10	9.4	0.00
28/12/2023 18:40	7.3	262	8	9.7	0.00
28/12/2023 18:50	6.9	263	11	9.3	0.00
28/12/2023 19:00	7.6	261	9	9.5	0.00
28/12/2023 19:10	6.3	261	10	8.2	0.00
28/12/2023 19:20	5.8	254	10	7.7	0.00
28/12/2023 19:30	5.4	254	12	7.4	0.00
28/12/2023 19:40	6.7	253	11	9.1	0.00
28/12/2023 19:50	5.8	253	12	8.1	0.00
28/12/2023 20:00	6.3	254	11	8.1	0.00
28/12/2023 20:10	5.4	255	12	7.3	0.00
28/12/2023 20:20	5.9	257	12	7.4	0.00
28/12/2023 20:30	5.7	256	12	7.9	0.00
28/12/2023 20:40	5.5	255	11	7.5	0.00
28/12/2023 20:50	5.5	253	12	7.0	0.00
28/12/2023 21:00	5.4	252	11	7.3	0.00
28/12/2023 21:10	5.3	251	13	7.1	0.00
28/12/2023 21:20	5.6	253	11	7.4	0.00
28/12/2023 21:30	5.9	253	11	8.0	0.00
28/12/2023 21:40	6.0	253	10	8.2	0.00
28/12/2023 21:50	6.1	252	12	8.5	0.00
28/12/2023 22:00	6.8	252	10	8.9	0.00
28/12/2023 22:10	6.8	254	10	9.0	0.00
28/12/2023 22:20	5.8	249	11	8.1	0.00
28/12/2023 22:30	6.6	255	10	8.7	0.00
28/12/2023 22:40	7.2	252	9	9.5	0.00
28/12/2023 22:50	6.4	256	10	8.6	0.00
28/12/2023 23:00	6.2	254	9	7.6	0.00
28/12/2023 23:10	6.2	253	10	8.6	0.00
28/12/2023 23:20	6.1	254	10	7.8	0.00
28/12/2023 23:30	6.0	253	12	7.9	0.00
28/12/2023 23:40	6.5	254	10	8.3	0.00
28/12/2023 23:50	5.7	254	10	8.0	0.00
29/12/2023 00:00	5.6	255	10	7.2	0.00
29/12/2023 00:10	5.0	254	10	6.8	0.00
29/12/2023 00:20	4.9	262	10	6.5	0.00
29/12/2023 00:30	4.8	257	9	6.4	0.00
29/12/2023 00:40	5.7	262	10	7.7	0.00
29/12/2023 00:50	5.3	256	10	7.4	0.00
29/12/2023 01:00	5.3	253	10	7.1	0.00
29/12/2023 01:10	5.7	258	10	7.8	0.00
29/12/2023 01:20	5.3	254	12	7.2	0.00
29/12/2023 01:30	5.4	252	10	7.5	0.00
29/12/2023 01:40	5.4	252	10	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 01:50	5.2	255	10	7.2	0.00
29/12/2023 02:00	5.5	255	11	7.1	0.00
29/12/2023 02:10	5.7	254	10	7.6	0.00
29/12/2023 02:20	5.5	254	11	7.6	0.00
29/12/2023 02:30	5.2	253	10	7.0	0.00
29/12/2023 02:40	4.5	254	11	6.1	0.00
29/12/2023 02:50	4.4	255	11	6.0	0.00
29/12/2023 03:00	4.8	255	11	6.3	0.00
29/12/2023 03:10	4.8	251	10	6.4	0.00
29/12/2023 03:20	4.5	252	10	6.0	0.00
29/12/2023 03:30	5.4	253	10	7.0	0.00
29/12/2023 03:40	5.1	252	11	6.6	0.00
29/12/2023 03:50	5.5	252	10	7.2	0.00
29/12/2023 04:00	4.7	253	11	6.8	0.00
29/12/2023 04:10	4.4	256	10	6.1	0.00
29/12/2023 04:20	4.5	250	11	6.1	0.00
29/12/2023 04:30	4.7	254	11	6.5	0.00
29/12/2023 04:40	4.4	249	11	6.3	0.00
29/12/2023 04:50	3.7	246	12	5.7	0.00
29/12/2023 05:00	4.7	250	11	6.0	0.00
29/12/2023 05:10	4.4	250	11	5.7	0.00
29/12/2023 05:20	4.7	254	9	6.0	0.00
29/12/2023 05:30	4.9	252	11	6.3	0.00
29/12/2023 05:40	5.0	254	10	6.5	0.00
29/12/2023 05:50	4.3	253	11	6.1	0.00
29/12/2023 06:00	4.3	243	12	5.9	0.00
29/12/2023 06:10	4.4	246	13	5.9	0.00
29/12/2023 06:20	4.6	253	12	6.6	0.00
29/12/2023 06:30	4.8	249	14	6.4	0.00
29/12/2023 06:40	4.6	251	11	6.0	0.00
29/12/2023 06:50	4.4	252	12	6.3	0.00
29/12/2023 07:00	5.0	251	12	6.8	0.00
29/12/2023 07:10	5.4	255	10	6.8	0.00
29/12/2023 07:20	5.3	253	10	7.1	0.00
29/12/2023 07:30	5.0	252	12	7.1	0.00
29/12/2023 07:40	5.2	253	14	7.0	0.00
29/12/2023 07:50	5.6	255	12	7.2	0.00
29/12/2023 08:00	4.9	246	13	6.6	0.00
29/12/2023 08:10	5.2	256	10	6.7	0.00
29/12/2023 08:20	4.7	257	12	6.7	0.00
29/12/2023 08:30	5.0	256	12	6.3	0.00
29/12/2023 08:40	5.4	252	11	7.2	0.00
29/12/2023 08:50	5.2	257	12	6.7	0.00
29/12/2023 09:00	5.1	256	12	6.4	0.00
29/12/2023 09:10	4.7	260	13	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 09:20	5.0	258	11	6.4	0.00
29/12/2023 09:30	5.3	263	11	7.4	0.00
29/12/2023 09:40	6.1	260	9	7.3	0.00
29/12/2023 09:50	5.5	266	13	7.2	0.00
29/12/2023 10:00	5.0	265	14	6.5	0.00
29/12/2023 10:10	5.1	267	15	6.8	0.00
29/12/2023 10:20	5.5	268	14	7.2	0.00
29/12/2023 10:30	5.8	270	14	7.4	0.00
29/12/2023 10:40	5.6	268	14	7.0	0.00
29/12/2023 10:50	5.6	268	13	6.8	0.00
29/12/2023 11:00	6.1	267	13	7.9	0.00
29/12/2023 11:10	5.5	266	13	7.4	0.00
29/12/2023 11:20	5.6	263	11	7.2	0.00
29/12/2023 11:30	5.4	267	14	7.1	0.00
29/12/2023 11:40	5.2	264	14	6.9	0.00
29/12/2023 11:50	5.2	262	16	6.9	0.00
29/12/2023 12:00	5.9	265	14	7.6	0.00
29/12/2023 12:10	6.3	262	12	8.3	0.00
29/12/2023 12:20	6.2	263	13	8.3	0.00
29/12/2023 12:30	5.7	272	14	7.8	0.00
29/12/2023 12:40	6.0	265	13	7.9	0.00
29/12/2023 12:50	6.2	258	11	8.3	0.00
29/12/2023 13:00	6.6	256	10	8.2	0.00
29/12/2023 13:10	6.6	257	11	8.3	0.00
29/12/2023 13:20	6.2	260	13	8.3	0.00
29/12/2023 13:30	6.7	262	12	8.7	0.00
29/12/2023 13:40	6.9	259	11	8.7	0.00
29/12/2023 13:50	6.2	255	12	8.1	0.00
29/12/2023 14:00	5.8	257	13	7.5	0.00
29/12/2023 14:10	6.8	259	10	8.8	0.00
29/12/2023 14:20	7.0	257	10	9.5	0.00
29/12/2023 14:30	6.6	262	12	8.9	0.00
29/12/2023 14:40	7.1	256	12	9.1	0.00
29/12/2023 14:50	6.9	256	11	9.5	0.00
29/12/2023 15:00	7.1	259	12	9.4	0.00
29/12/2023 15:10	7.2	262	12	9.2	0.00
29/12/2023 15:20	6.3	261	9	8.3	0.00
29/12/2023 15:30	6.8	261	9	8.5	0.00
29/12/2023 15:40	6.8	263	10	8.8	0.00
29/12/2023 15:50	7.2	264	12	9.2	0.00
29/12/2023 16:00	6.8	261	13	8.6	0.00
29/12/2023 16:10	7.2	266	12	9.7	0.00
29/12/2023 16:20	6.6	266	13	8.6	0.00
29/12/2023 16:30	7.2	259	10	9.9	0.00
29/12/2023 16:40	6.4	266	13	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 16:50	5.9	266	14	8.0	0.00
29/12/2023 17:00	6.5	268	14	8.9	0.00
29/12/2023 17:10	6.2	266	13	8.0	0.00
29/12/2023 17:20	6.7	263	12	8.7	0.00
29/12/2023 17:30	7.0	264	10	8.7	0.00
29/12/2023 17:40	6.7	260	10	9.0	0.00
29/12/2023 17:50	7.3	263	10	9.6	0.00
29/12/2023 18:00	6.8	263	13	8.5	0.00
29/12/2023 18:10	5.9	264	11	8.2	0.00
29/12/2023 18:20	6.4	261	11	9.3	0.00
29/12/2023 18:30	6.8	260	10	8.7	0.00
29/12/2023 18:40	5.9	264	11	7.8	0.00
29/12/2023 18:50	6.0	263	10	7.7	0.00
29/12/2023 19:00	5.7	262	10	7.4	0.00
29/12/2023 19:10	6.5	264	11	8.8	0.00
29/12/2023 19:20	6.0	266	13	8.2	0.00
29/12/2023 19:30	5.5	268	14	7.4	0.00
29/12/2023 19:40	5.4	268	12	7.0	0.00
29/12/2023 19:50	4.9	266	13	7.0	0.00
29/12/2023 20:00	5.4	260	11	7.1	0.00
29/12/2023 20:10	4.9	259	12	6.9	0.00
29/12/2023 20:20	4.9	261	11	7.2	0.00
29/12/2023 20:30	5.3	263	12	7.3	0.00
29/12/2023 20:40	5.2	264	11	7.5	0.00
29/12/2023 20:50	4.8	260	10	6.4	0.00
29/12/2023 21:00	4.6	261	9	6.6	0.00
29/12/2023 21:10	4.6	262	10	6.8	0.00
29/12/2023 21:20	5.1	262	8	6.5	0.00
29/12/2023 21:30	5.2	263	8	6.8	0.00
29/12/2023 21:40	5.3	262	8	6.7	0.00
29/12/2023 21:50	5.3	263	11	7.3	0.00
29/12/2023 22:00	5.5	261	8	7.2	0.00
29/12/2023 22:10	5.4	261	11	7.2	0.00
29/12/2023 22:20	5.1	261	10	6.8	0.00
29/12/2023 22:30	5.6	262	10	7.2	0.00
29/12/2023 22:40	5.3	263	10	6.8	0.00
29/12/2023 22:50	5.5	262	10	7.0	0.00
29/12/2023 23:00	5.6	263	9	7.2	0.00
29/12/2023 23:10	5.7	260	10	8.3	0.00
29/12/2023 23:20	6.2	260	9	8.0	0.00
29/12/2023 23:30	6.0	261	9	7.7	0.00
29/12/2023 23:40	5.6	263	9	7.9	0.00
29/12/2023 23:50	5.3	256	10	7.2	0.00
30/12/2023 00:00	5.0	258	10	6.5	0.00
30/12/2023 00:10	4.8	263	11	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 00:20	4.8	259	11	6.6	0.00
30/12/2023 00:30	4.7	258	11	6.0	0.00
30/12/2023 00:40	4.9	259	10	7.4	0.00
30/12/2023 00:50	4.8	255	10	6.7	0.00
30/12/2023 01:00	4.3	256	11	6.5	0.00
30/12/2023 01:10	4.7	257	10	6.8	0.00
30/12/2023 01:20	5.6	255	10	7.1	0.00
30/12/2023 01:30	5.6	254	9	7.1	0.00
30/12/2023 01:40	5.6	256	11	7.2	0.00
30/12/2023 01:50	6.2	258	10	7.9	0.00
30/12/2023 02:00	5.5	255	10	8.0	0.00
30/12/2023 02:10	6.1	256	11	7.6	0.00
30/12/2023 02:20	6.2	255	9	8.2	0.00
30/12/2023 02:30	6.4	255	10	8.7	0.00
30/12/2023 02:40	6.2	255	9	8.5	0.00
30/12/2023 02:50	5.8	257	11	7.6	0.00
30/12/2023 03:00	6.3	254	10	8.1	0.00
30/12/2023 03:10	5.9	253	11	8.0	0.00
30/12/2023 03:20	6.2	256	10	8.0	0.00
30/12/2023 03:30	5.9	255	10	7.9	0.00
30/12/2023 03:40	5.8	257	11	7.6	0.00
30/12/2023 03:50	5.8	257	11	7.8	0.00
30/12/2023 04:00	5.8	252	11	7.4	0.00
30/12/2023 04:10	5.6	253	10	7.4	0.00
30/12/2023 04:20	6.1	251	9	8.0	0.00
30/12/2023 04:30	6.1	254	9	7.5	0.00
30/12/2023 04:40	6.0	255	9	7.7	0.00
30/12/2023 04:50	5.8	258	9	7.7	0.00
30/12/2023 05:00	5.9	258	9	7.5	0.00
30/12/2023 05:10	6.2	253	10	7.8	0.00
30/12/2023 05:20	6.2	253	10	8.0	0.00
30/12/2023 05:30	5.8	254	10	8.1	0.00
30/12/2023 05:40	5.0	254	11	6.6	0.00
30/12/2023 05:50	4.9	251	10	6.5	0.00
30/12/2023 06:00	4.8	255	10	6.0	0.00
30/12/2023 06:10	4.7	254	11	6.2	0.00
30/12/2023 06:20	5.8	255	11	7.5	0.00
30/12/2023 06:30	5.5	257	10	7.4	0.00
30/12/2023 06:40	4.5	258	11	6.3	0.00
30/12/2023 06:50	4.8	262	12	6.6	0.00
30/12/2023 07:00	4.8	259	12	6.2	0.00
30/12/2023 07:10	5.3	259	11	7.1	0.00
30/12/2023 07:20	5.9	258	11	7.6	0.00
30/12/2023 07:30	6.2	256	11	7.7	0.00
30/12/2023 07:40	5.8	260	9	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 07:50	4.6	259	12	6.0	0.00
30/12/2023 08:00	4.7	260	11	6.0	0.00
30/12/2023 08:10	3.7	259	14	4.7	0.00
30/12/2023 08:20	4.1	259	11	5.2	0.00
30/12/2023 08:30	4.4	260	10	5.6	0.00
30/12/2023 08:40	3.9	271	13	4.8	0.00
30/12/2023 08:50	3.9	278	13	4.9	0.00
30/12/2023 09:00	3.7	275	15	4.7	0.00
30/12/2023 09:10	4.0	274	16	5.2	0.00
30/12/2023 09:20	4.0	275	16	5.2	0.00
30/12/2023 09:30	4.1	274	14	5.2	0.00
30/12/2023 09:40	3.8	263	14	4.8	0.00
30/12/2023 09:50	3.6	271	16	5.2	0.00
30/12/2023 10:00	3.9	269	17	5.0	0.00
30/12/2023 10:10	3.8	266	16	4.7	0.00
30/12/2023 10:20	4.2	282	15	5.5	0.00
30/12/2023 10:30	4.2	284	16	5.7	0.00
30/12/2023 10:40	4.0	293	14	5.1	0.00
30/12/2023 10:50	3.7	292	14	4.8	0.00
30/12/2023 11:00	3.4	299	16	4.8	0.00
30/12/2023 11:10	3.2	290	25	4.4	0.00
30/12/2023 11:20	3.4	295	18	4.7	0.00
30/12/2023 11:30	3.6	287	15	5.2	0.00
30/12/2023 11:40	3.2	284	18	4.7	0.00
30/12/2023 11:50	3.9	262	16	5.2	0.00
30/12/2023 12:00	3.1	272	25	4.6	0.00
30/12/2023 12:10	2.8	290	19	4.0	0.00
30/12/2023 12:20	3.1	283	20	4.8	0.00
30/12/2023 12:30	3.7	269	21	5.3	0.00
30/12/2023 12:40	5.0	255	11	6.4	0.00
30/12/2023 12:50	5.5	254	11	6.6	0.00
30/12/2023 13:00	5.8	258	12	7.2	0.00
30/12/2023 13:10	6.0	260	13	7.5	0.00
30/12/2023 13:20	6.1	264	15	7.9	0.00
30/12/2023 13:30	6.4	258	11	8.6	0.00
30/12/2023 13:40	6.3	259	11	8.6	0.00
30/12/2023 13:50	6.8	259	11	9.0	0.00
30/12/2023 14:00	6.3	263	15	8.0	0.00
30/12/2023 14:10	7.2	260	13	9.0	0.00
30/12/2023 14:20	7.3	260	10	10.0	0.00
30/12/2023 14:30	8.2	259	12	10.4	0.00
30/12/2023 14:40	7.8	257	10	10.3	0.00
30/12/2023 14:50	7.8	260	11	10.3	0.00
30/12/2023 15:00	6.3	263	14	8.9	0.00
30/12/2023 15:10	6.0	271	15	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 15:20	6.4	266	14	8.9	0.00
30/12/2023 15:30	6.1	272	13	8.0	0.00
30/12/2023 15:40	6.3	271	17	8.5	0.00
30/12/2023 15:50	6.2	276	15	8.7	0.00
30/12/2023 16:00	6.2	271	16	8.7	0.00
30/12/2023 16:10	6.6	266	12	8.7	0.00
30/12/2023 16:20	6.4	262	14	9.0	0.00
30/12/2023 16:30	7.6	264	13	9.8	0.00
30/12/2023 16:40	7.2	267	15	10.3	0.00
30/12/2023 16:50	7.7	265	13	10.0	0.00
30/12/2023 17:00	7.4	268	14	10.2	0.00
30/12/2023 17:10	7.4	270	13	10.0	0.00
30/12/2023 17:20	7.8	265	13	11.5	0.00
30/12/2023 17:30	7.0	265	11	9.9	0.00
30/12/2023 17:40	7.0	260	12	9.4	0.00
30/12/2023 17:50	7.1	263	12	9.6	0.00
30/12/2023 18:00	6.9	262	12	9.2	0.00
30/12/2023 18:10	8.1	262	10	10.6	0.00
30/12/2023 18:20	7.8	262	11	9.7	0.00
30/12/2023 18:30	7.1	260	11	9.3	0.00
30/12/2023 18:40	7.4	265	11	10.3	0.00
30/12/2023 18:50	7.4	263	11	9.6	0.00
30/12/2023 19:00	7.5	263	11	9.7	0.00
30/12/2023 19:10	7.5	261	11	9.6	0.00
30/12/2023 19:20	6.8	260	10	9.1	0.00
30/12/2023 19:30	6.0	260	11	7.5	0.00
30/12/2023 19:40	6.9	262	11	9.3	0.00
30/12/2023 19:50	5.7	258	12	8.2	0.00
30/12/2023 20:00	5.8	256	11	8.5	0.00
30/12/2023 20:10	6.0	252	11	8.2	0.00
30/12/2023 20:20	5.9	255	12	8.8	0.00
30/12/2023 20:30	6.8	251	12	9.1	0.00
30/12/2023 20:40	6.4	256	11	8.8	0.00
30/12/2023 20:50	6.4	254	12	9.3	0.00
30/12/2023 21:00	7.0	256	11	9.3	0.00
30/12/2023 21:10	6.5	252	11	9.5	0.00
30/12/2023 21:20	6.8	254	12	9.2	0.00
30/12/2023 21:30	7.1	253	12	9.8	0.00
30/12/2023 21:40	7.3	251	10	10.5	0.00
30/12/2023 21:50	6.3	255	13	8.8	0.00
30/12/2023 22:00	6.3	250	13	9.1	0.00
30/12/2023 22:10	6.1	249	14	8.7	0.00
30/12/2023 22:20	6.4	251	12	8.7	0.00
30/12/2023 22:30	5.8	251	13	8.5	0.00
30/12/2023 22:40	5.9	257	11	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 22:50	5.6	253	12	7.9	0.00
30/12/2023 23:00	6.2	254	12	8.0	0.00
30/12/2023 23:10	5.9	252	14	8.1	0.00
30/12/2023 23:20	5.8	252	12	8.7	0.00
30/12/2023 23:30	5.4	253	11	7.1	0.00
30/12/2023 23:40	5.6	255	11	8.3	0.00
30/12/2023 23:50	5.6	254	11	7.5	0.00
31/12/2023 00:00	5.5	254	13	7.2	0.00
31/12/2023 00:10	5.1	254	11	6.9	0.00
31/12/2023 00:20	4.8	257	13	6.6	0.00
31/12/2023 00:30	4.9	255	10	6.8	0.00
31/12/2023 00:40	5.1	254	11	7.0	0.00
31/12/2023 00:50	4.7	252	12	6.8	0.00
31/12/2023 01:00	5.0	252	11	6.6	0.00
31/12/2023 01:10	4.4	252	12	6.4	0.00
31/12/2023 01:20	4.5	250	12	5.6	0.00
31/12/2023 01:30	4.0	251	12	5.6	0.00
31/12/2023 01:40	3.7	254	12	4.8	0.00
31/12/2023 01:50	4.0	256	10	5.2	0.00
31/12/2023 02:00	4.5	256	10	5.8	0.00
31/12/2023 02:10	4.6	256	10	6.0	0.00
31/12/2023 02:20	4.3	255	10	5.5	0.00
31/12/2023 02:30	4.2	258	10	5.2	0.00
31/12/2023 02:40	4.2	255	8	5.2	0.00
31/12/2023 02:50	3.9	255	11	5.5	0.00
31/12/2023 03:00	3.2	256	11	4.0	0.00
31/12/2023 03:10	3.8	257	8	4.9	0.00
31/12/2023 03:20	2.7	248	13	4.0	0.00
31/12/2023 03:30	2.5	246	14	3.4	0.00
31/12/2023 03:40	2.6	251	12	3.5	0.00
31/12/2023 03:50	3.2	258	11	4.3	0.00
31/12/2023 04:00	4.1	258	9	5.2	0.00
31/12/2023 04:10	4.1	255	12	5.5	0.00
31/12/2023 04:20	4.5	257	9	6.0	0.00
31/12/2023 04:30	4.0	259	11	5.3	0.00
31/12/2023 04:40	3.4	258	11	4.6	0.00
31/12/2023 04:50	3.4	261	10	4.6	0.00
31/12/2023 05:00	3.6	261	9	4.8	0.00
31/12/2023 05:10	3.6	260	10	4.6	0.00
31/12/2023 05:20	3.2	256	11	4.2	0.00
31/12/2023 05:30	3.1	263	9	4.0	0.00
31/12/2023 05:40	3.1	266	9	4.0	0.00
31/12/2023 05:50	3.7	267	10	5.0	0.00
31/12/2023 06:00	4.1	264	10	5.4	0.00
31/12/2023 06:10	4.2	259	11	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 06:20	4.1	258	11	4.9	0.00
31/12/2023 06:30	4.2	259	11	5.5	0.00
31/12/2023 06:40	4.4	257	10	5.5	0.00
31/12/2023 06:50	3.5	249	13	4.9	0.00
31/12/2023 07:00	3.2	252	15	4.4	0.00
31/12/2023 07:10	3.1	250	13	4.1	0.00
31/12/2023 07:20	3.2	256	12	4.0	0.00
31/12/2023 07:30	3.2	257	12	4.3	0.00
31/12/2023 07:40	3.4	256	12	4.4	0.00
31/12/2023 07:50	3.7	253	11	4.8	0.00
31/12/2023 08:00	4.0	253	10	4.8	0.00
31/12/2023 08:10	4.2	258	11	5.4	0.00
31/12/2023 08:20	4.6	260	12	5.8	0.00
31/12/2023 08:30	4.6	262	10	6.1	0.00
31/12/2023 08:40	4.6	261	11	6.0	0.00
31/12/2023 08:50	4.6	264	12	5.8	0.00
31/12/2023 09:00	4.8	277	12	6.2	0.00
31/12/2023 09:10	4.7	276	12	5.7	0.00
31/12/2023 09:20	4.4	275	12	5.8	0.00
31/12/2023 09:30	4.5	270	12	6.0	0.00
31/12/2023 09:40	4.8	272	12	6.1	0.00
31/12/2023 09:50	5.0	274	14	6.4	0.00
31/12/2023 10:00	4.9	271	13	6.2	0.00
31/12/2023 10:10	5.7	265	12	7.2	0.00
31/12/2023 10:20	6.1	275	12	7.5	0.00
31/12/2023 10:30	5.7	274	14	7.2	0.00
31/12/2023 10:40	6.1	264	13	7.9	0.00
31/12/2023 10:50	5.8	268	13	7.5	0.00
31/12/2023 11:00	6.8	262	10	9.2	0.00
31/12/2023 11:10	5.8	268	14	7.9	0.00
31/12/2023 11:20	6.5	263	11	9.2	0.00
31/12/2023 11:30	6.7	265	11	8.5	0.00
31/12/2023 11:40	6.5	263	12	8.8	0.00
31/12/2023 11:50	7.1	255	10	9.7	0.00
31/12/2023 12:00	6.2	256	15	9.1	0.00
31/12/2023 12:10	6.8	258	14	9.8	0.00
31/12/2023 12:20	6.7	260	16	9.5	0.00
31/12/2023 12:30	6.5	256	14	9.6	0.00
31/12/2023 12:40	7.0	253	13	9.9	0.00
31/12/2023 12:50	7.2	254	12	9.6	0.00
31/12/2023 13:00	7.4	260	13	9.8	0.00
31/12/2023 13:10	7.9	255	11	10.3	0.00
31/12/2023 13:20	8.0	259	12	10.4	0.00
31/12/2023 13:30	7.5	256	11	10.4	0.00
31/12/2023 13:40	7.9	260	14	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 13:50	7.9	261	12	10.8	0.00
31/12/2023 14:00	8.3	259	11	11.1	0.00
31/12/2023 14:10	7.9	259	13	10.6	0.00
31/12/2023 14:20	8.0	261	11	11.4	0.00
31/12/2023 14:30	8.8	261	9	12.3	0.00
31/12/2023 14:40	8.3	262	10	11.5	0.00
31/12/2023 14:50	8.7	262	10	11.7	0.00
31/12/2023 15:00	8.0	258	13	11.1	0.00
31/12/2023 15:10	7.8	261	12	10.8	0.00
31/12/2023 15:20	7.3	261	12	10.5	0.00
31/12/2023 15:30	8.9	262	10	11.1	0.00
31/12/2023 15:40	8.8	261	9	11.5	0.00
31/12/2023 15:50	8.7	261	11	11.1	0.00
31/12/2023 16:00	8.5	259	11	11.1	0.00
31/12/2023 16:10	8.7	261	11	11.5	0.00
31/12/2023 16:20	8.3	262	10	11.2	0.00
31/12/2023 16:30	8.7	262	10	12.3	0.00
31/12/2023 16:40	8.7	262	12	10.9	0.00
31/12/2023 16:50	9.3	262	10	12.2	0.00
31/12/2023 17:00	8.0	260	11	10.9	0.00
31/12/2023 17:10	8.5	261	12	11.5	0.00
31/12/2023 17:20	8.3	261	10	10.4	0.00
31/12/2023 17:30	8.5	263	11	11.3	0.00
31/12/2023 17:40	8.3	262	10	11.2	0.00
31/12/2023 17:50	8.4	262	10	11.0	0.00
31/12/2023 18:00	8.2	263	10	10.7	0.00
31/12/2023 18:10	8.3	262	10	11.1	0.00
31/12/2023 18:20	8.0	262	12	10.0	0.00
31/12/2023 18:30	7.1	260	12	9.8	0.00
31/12/2023 18:40	7.1	259	12	11.4	0.00
31/12/2023 18:50	7.0	260	11	9.7	0.00
31/12/2023 19:00	6.3	259	10	8.3	0.00
31/12/2023 19:10	6.3	258	12	8.6	0.00
31/12/2023 19:20	6.4	254	12	9.5	0.00
31/12/2023 19:30	6.1	258	13	7.8	0.00
31/12/2023 19:40	6.4	254	11	8.8	0.00
31/12/2023 19:50	5.9	254	11	8.7	0.00
31/12/2023 20:00	6.2	255	11	8.1	0.00
31/12/2023 20:10	5.9	252	14	8.2	0.00
31/12/2023 20:20	5.8	255	11	7.8	0.00
31/12/2023 20:30	6.4	254	11	9.5	0.00
31/12/2023 20:40	5.7	253	12	7.9	0.00
31/12/2023 20:50	4.6	247	13	6.3	0.00
31/12/2023 21:00	4.1	246	15	6.3	0.00
31/12/2023 21:10	4.3	247	13	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 21:20	4.3	253	14	6.2	0.00
31/12/2023 21:30	5.1	256	9	7.2	0.00
31/12/2023 21:40	5.3	255	10	6.9	0.00
31/12/2023 21:50	5.0	257	10	6.8	0.00
31/12/2023 22:00	4.8	256	11	6.7	0.00
31/12/2023 22:10	4.8	257	10	6.3	0.00
31/12/2023 22:20	4.0	264	10	5.8	0.00
31/12/2023 22:30	4.0	263	9	5.0	0.00
31/12/2023 22:40	4.1	264	9	5.3	0.00
31/12/2023 22:50	4.2	264	9	5.3	0.00
31/12/2023 23:00	4.0	266	10	4.9	0.00
31/12/2023 23:10	4.6	263	10	6.1	0.00
31/12/2023 23:20	4.2	262	9	6.0	0.00
31/12/2023 23:30	4.0	263	9	5.0	0.00
31/12/2023 23:40	3.8	263	9	5.2	0.00
31/12/2023 23:50	3.8	262	9	4.8	0.00
01/01/2024 00:00	4.0	260	10	5.4	0.00
01/01/2024 00:10	4.1	264	9	5.3	0.00
01/01/2024 00:20	4.1	261	8	5.3	0.00
01/01/2024 00:30	3.9	263	8	4.8	0.00
01/01/2024 00:40	3.9	263	8	4.8	0.00
01/01/2024 00:50	4.4	261	8	5.6	0.00
01/01/2024 01:00	4.1	263	7	5.2	0.00
01/01/2024 01:10	3.6	260	9	4.5	0.00
01/01/2024 01:20	3.4	256	10	4.5	0.00
01/01/2024 01:30	3.6	258	10	4.7	0.00
01/01/2024 01:40	3.5	260	8	4.4	0.00
01/01/2024 01:50	3.7	262	8	4.5	0.00
01/01/2024 02:00	3.6	261	8	4.7	0.00
01/01/2024 02:10	3.4	261	8	4.1	0.00
01/01/2024 02:20	3.5	261	9	4.4	0.00
01/01/2024 02:30	2.7	259	10	3.8	0.00
01/01/2024 02:40	3.0	260	9	3.9	0.00
01/01/2024 02:50	3.1	259	8	4.2	0.00
01/01/2024 03:00	3.4	260	9	4.4	0.00
01/01/2024 03:10	3.1	260	8	4.0	0.00
01/01/2024 03:20	3.2	257	8	4.0	0.00
01/01/2024 03:30	3.2	255	9	4.2	0.00
01/01/2024 03:40	3.3	253	10	4.3	0.00
01/01/2024 03:50	3.5	256	10	4.7	0.00
01/01/2024 04:00	3.8	252	8	4.8	0.00
01/01/2024 04:10	3.8	255	9	5.0	0.00
01/01/2024 04:20	3.7	255	9	4.6	0.00
01/01/2024 04:30	3.8	260	9	4.8	0.00
01/01/2024 04:40	3.9	262	9	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 04:50	4.3	259	8	5.3	0.00
01/01/2024 05:00	4.2	257	9	5.2	0.00
01/01/2024 05:10	3.9	258	9	5.2	0.00
01/01/2024 05:20	3.9	259	10	4.9	0.00
01/01/2024 05:30	3.7	260	9	4.8	0.00
01/01/2024 05:40	4.0	264	9	4.8	0.00
01/01/2024 05:50	4.6	263	8	5.6	0.00
01/01/2024 06:00	4.9	263	8	5.7	0.00
01/01/2024 06:10	4.5	263	9	5.8	0.00
01/01/2024 06:20	4.4	265	9	5.2	0.00
01/01/2024 06:30	4.1	264	9	4.9	0.00
01/01/2024 06:40	4.8	264	8	6.0	0.00
01/01/2024 06:50	5.2	263	9	6.8	0.00
01/01/2024 07:00	5.0	265	8	6.0	0.00
01/01/2024 07:10	4.7	264	9	5.7	0.00
01/01/2024 07:20	4.4	260	10	5.6	0.00
01/01/2024 07:30	4.7	259	10	5.9	0.00
01/01/2024 07:40	4.0	260	11	5.1	0.00
01/01/2024 07:50	3.2	263	12	4.3	0.00
01/01/2024 08:00	3.8	261	12	5.1	0.00
01/01/2024 08:10	3.6	258	12	4.4	0.00
01/01/2024 08:20	3.9	265	13	4.9	0.00
01/01/2024 08:30	2.5	255	19	3.7	0.00
01/01/2024 08:40	2.5	236	16	3.4	0.00
01/01/2024 08:50	2.3	242	16	3.6	0.00
01/01/2024 09:00	2.1	253	21	3.4	0.00
01/01/2024 09:10	1.9	247	20	2.6	0.00
01/01/2024 09:20	2.2	288	17	3.2	0.00
01/01/2024 09:30	2.8	272	16	3.6	0.00
01/01/2024 09:40	3.6	261	13	4.8	0.00
01/01/2024 09:50	4.4	266	13	5.7	0.00
01/01/2024 10:00	4.3	263	14	5.3	0.00
01/01/2024 10:10	4.5	264	12	5.6	0.00
01/01/2024 10:20	4.1	257	14	5.3	0.00
01/01/2024 10:30	4.9	262	11	6.4	0.00
01/01/2024 10:40	4.3	257	12	6.0	0.00
01/01/2024 10:50	4.2	255	10	5.2	0.00
01/01/2024 11:00	2.6	250	18	3.6	0.00
01/01/2024 11:10	3.3	78	31	5.4	0.00
01/01/2024 11:20	2.3	140	45	4.1	0.00
01/01/2024 11:30	2.1	171	44	4.0	0.00
01/01/2024 11:40	2.0	209	53	2.9	0.00
01/01/2024 11:50	3.7	259	18	4.8	0.00
01/01/2024 12:00	3.8	269	15	4.9	0.00
01/01/2024 12:10	3.5	291	19	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 12:20	3.2	283	15	4.2	0.00
01/01/2024 12:30	3.3	302	14	5.0	0.00
01/01/2024 12:40	2.6	347	28	4.2	0.00
01/01/2024 12:50	3.4	6	18	4.8	0.00
01/01/2024 13:00	4.0	4	22	5.9	0.00
01/01/2024 13:10	4.1	5	17	6.0	0.00
01/01/2024 13:20	5.0	177	16	7.0	0.00
01/01/2024 13:30	4.8	173	21	6.7	0.00
01/01/2024 13:40	4.4	341	16	6.4	0.00
01/01/2024 13:50	4.2	341	20	6.0	0.00
01/01/2024 14:00	4.2	321	15	5.9	0.00
01/01/2024 14:10	3.7	334	22	5.6	0.00
01/01/2024 14:20	3.5	352	25	5.4	0.00
01/01/2024 14:30	4.3	6	19	6.0	0.00
01/01/2024 14:40	4.1	178	19	6.4	0.00
01/01/2024 14:50	4.6	4	17	6.4	0.00
01/01/2024 15:00	4.8	2	21	7.2	0.00
01/01/2024 15:10	4.8	182	19	6.8	0.00
01/01/2024 15:20	4.7	317	17	6.6	0.00
01/01/2024 15:30	5.1	302	13	6.7	0.00
01/01/2024 15:40	5.9	295	10	7.5	0.00
01/01/2024 15:50	5.1	306	14	7.2	0.00
01/01/2024 16:00	5.2	300	15	8.0	0.00
01/01/2024 16:10	4.9	306	15	7.2	0.00
01/01/2024 16:20	4.8	302	14	6.4	0.00
01/01/2024 16:30	5.0	309	14	6.8	0.00
01/01/2024 16:40	4.7	296	12	6.6	0.00
01/01/2024 16:50	3.8	298	17	5.7	0.00
01/01/2024 17:00	4.2	292	14	5.4	0.00
01/01/2024 17:10	4.3	286	16	5.9	0.00
01/01/2024 17:20	3.9	281	15	5.5	0.00
01/01/2024 17:30	5.0	272	15	7.1	0.00
01/01/2024 17:40	5.0	272	14	6.7	0.00
01/01/2024 17:50	4.3	267	14	6.7	0.00
01/01/2024 18:00	5.2	263	11	6.9	0.00
01/01/2024 18:10	5.6	269	13	7.3	0.00
01/01/2024 18:20	5.4	263	12	7.6	0.00
01/01/2024 18:30	5.2	264	10	6.9	0.00
01/01/2024 18:40	5.7	262	13	8.1	0.00
01/01/2024 18:50	6.3	261	9	8.5	0.00
01/01/2024 19:00	5.7	259	8	7.2	0.00
01/01/2024 19:10	4.9	264	12	6.6	0.00
01/01/2024 19:20	4.1	259	13	6.1	0.00
01/01/2024 19:30	4.7	262	12	6.7	0.00
01/01/2024 19:40	4.6	264	12	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 19:50	5.6	261	10	8.0	0.00
01/01/2024 20:00	5.5	259	11	7.7	0.00
01/01/2024 20:10	4.8	253	12	6.7	0.00
01/01/2024 20:20	4.7	256	12	7.2	0.00
01/01/2024 20:30	5.1	256	13	8.0	0.00
01/01/2024 20:40	6.0	254	11	8.3	0.00
01/01/2024 20:50	5.4	257	13	7.5	0.00
01/01/2024 21:00	5.0	255	12	6.8	0.00
01/01/2024 21:10	5.2	256	13	7.9	0.00
01/01/2024 21:20	4.4	251	14	6.5	0.00
01/01/2024 21:30	5.0	254	13	7.1	0.00
01/01/2024 21:40	4.5	252	12	6.5	0.00
01/01/2024 21:50	4.2	253	12	6.4	0.00
01/01/2024 22:00	5.3	247	13	7.5	0.00
01/01/2024 22:10	5.2	249	15	7.2	0.00
01/01/2024 22:20	5.2	252	12	7.7	0.00
01/01/2024 22:30	5.1	251	13	7.4	0.00
01/01/2024 22:40	5.7	253	11	7.7	0.00
01/01/2024 22:50	5.2	252	12	7.0	0.00
01/01/2024 23:00	5.8	254	12	7.9	0.00
01/01/2024 23:10	6.5	255	10	8.7	0.00
01/01/2024 23:20	5.9	256	13	7.9	0.00
01/01/2024 23:30	5.1	251	13	7.2	0.00
01/01/2024 23:40	5.2	249	12	7.1	0.00
01/01/2024 23:50	5.8	251	12	8.5	0.00
02/01/2024 00:00	6.3	258	11	8.4	0.00
02/01/2024 00:10	6.1	254	11	8.2	0.00
02/01/2024 00:20	5.9	253	12	7.8	0.00
02/01/2024 00:30	5.7	254	12	7.9	0.00
02/01/2024 00:40	6.0	254	10	8.1	0.00
02/01/2024 00:50	6.4	253	11	8.7	0.00
02/01/2024 01:00	5.7	251	11	8.7	0.00
02/01/2024 01:10	5.8	251	12	7.8	0.00
02/01/2024 01:20	6.0	257	10	8.1	0.00
02/01/2024 01:30	6.9	254	9	9.5	0.00
02/01/2024 01:40	6.7	255	10	8.9	0.00
02/01/2024 01:50	6.9	255	10	8.8	0.00
02/01/2024 02:00	6.5	255	9	8.3	0.00
02/01/2024 02:10	6.4	254	11	8.6	0.00
02/01/2024 02:20	6.0	253	10	8.3	0.00
02/01/2024 02:30	5.8	252	11	7.7	0.00
02/01/2024 02:40	4.8	248	11	6.6	0.00
02/01/2024 02:50	5.2	253	12	6.8	0.00
02/01/2024 03:00	5.4	254	10	6.8	0.00
02/01/2024 03:10	5.3	255	10	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 03:20	4.6	250	12	6.0	0.00
02/01/2024 03:30	4.9	254	12	7.0	0.00
02/01/2024 03:40	5.0	255	10	7.0	0.00
02/01/2024 03:50	5.2	254	9	7.0	0.00
02/01/2024 04:00	5.5	255	11	7.6	0.00
02/01/2024 04:10	5.6	255	9	7.3	0.00
02/01/2024 04:20	5.5	254	10	7.5	0.00
02/01/2024 04:30	5.7	254	12	7.5	0.00
02/01/2024 04:40	5.8	254	9	7.4	0.00
02/01/2024 04:50	5.5	253	9	7.2	0.00
02/01/2024 05:00	5.6	254	11	7.6	0.00
02/01/2024 05:10	5.4	255	10	6.8	0.00
02/01/2024 05:20	5.7	253	9	7.5	0.00
02/01/2024 05:30	5.3	255	9	6.9	0.00
02/01/2024 05:40	5.4	253	10	7.2	0.00
02/01/2024 05:50	5.5	252	10	7.3	0.00
02/01/2024 06:00	5.4	254	9	7.0	0.00
02/01/2024 06:10	5.7	255	9	8.2	0.00
02/01/2024 06:20	5.9	252	9	7.5	0.00
02/01/2024 06:30	5.4	253	10	7.6	0.00
02/01/2024 06:40	6.1	257	10	7.5	0.00
02/01/2024 06:50	5.9	251	11	7.5	0.00
02/01/2024 07:00	5.9	252	11	7.4	0.00
02/01/2024 07:10	6.0	251	10	7.4	0.00
02/01/2024 07:20	5.9	250	10	7.4	0.00
02/01/2024 07:30	5.6	253	10	7.0	0.00
02/01/2024 07:40	5.5	251	11	6.9	0.00
02/01/2024 07:50	5.5	253	10	6.8	0.00
02/01/2024 08:00	5.2	253	11	6.6	0.00
02/01/2024 08:10	5.2	250	13	7.1	0.00
02/01/2024 08:20	5.2	255	11	6.8	0.00
02/01/2024 08:30	5.0	255	13	6.4	0.00
02/01/2024 08:40	4.4	259	12	5.7	0.00
02/01/2024 08:50	4.6	265	13	5.9	0.00
02/01/2024 09:00	5.0	270	12	6.3	0.00
02/01/2024 09:10	5.3	271	13	6.8	0.00
02/01/2024 09:20	5.9	262	12	7.2	0.00
02/01/2024 09:30	5.3	267	12	6.5	0.00
02/01/2024 09:40	5.5	268	14	7.5	0.00
02/01/2024 09:50	6.1	262	11	7.5	0.00
02/01/2024 10:00	6.1	267	13	7.5	0.00
02/01/2024 10:10	6.1	261	12	7.5	0.00
02/01/2024 10:20	5.8	270	15	7.8	0.00
02/01/2024 10:30	6.0	269	13	8.2	0.00
02/01/2024 10:40	5.7	271	14	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 10:50	5.2	258	12	7.2	0.00
02/01/2024 11:00	5.1	263	14	6.6	0.00
02/01/2024 11:10	4.9	268	16	7.3	0.00
02/01/2024 11:20	5.0	263	15	6.9	0.00
02/01/2024 11:30	5.4	270	14	7.5	0.00
02/01/2024 11:40	5.8	265	15	7.4	0.00
02/01/2024 11:50	6.3	265	11	8.1	0.00
02/01/2024 12:00	6.4	261	10	7.7	0.00
02/01/2024 12:10	6.2	257	10	7.8	0.00
02/01/2024 12:20	6.3	259	11	7.9	0.00
02/01/2024 12:30	6.3	265	14	8.3	0.00
02/01/2024 12:40	5.4	268	13	7.1	0.00
02/01/2024 12:50	4.7	293	12	6.1	0.00
02/01/2024 13:00	4.2	279	16	6.0	0.00
02/01/2024 13:10	4.7	281	18	6.8	0.00
02/01/2024 13:20	5.1	277	19	6.9	0.00
02/01/2024 13:30	6.0	265	14	7.9	0.00
02/01/2024 13:40	6.8	265	13	9.1	0.00
02/01/2024 13:50	6.9	266	14	8.7	0.00
02/01/2024 14:00	6.9	266	13	8.8	0.00
02/01/2024 14:10	6.5	269	13	9.1	0.00
02/01/2024 14:20	6.8	263	13	8.8	0.00
02/01/2024 14:30	6.4	262	12	8.3	0.00
02/01/2024 14:40	6.6	268	13	9.1	0.00
02/01/2024 14:50	8.1	258	10	10.1	0.00
02/01/2024 15:00	7.9	261	11	10.1	0.00
02/01/2024 15:10	7.2	266	13	9.0	0.00
02/01/2024 15:20	7.3	262	11	9.1	0.00
02/01/2024 15:30	8.3	262	9	10.8	0.00
02/01/2024 15:40	8.3	261	9	10.2	0.00
02/01/2024 15:50	6.6	268	14	8.2	0.00
02/01/2024 16:00	6.3	269	13	8.3	0.00
02/01/2024 16:10	6.1	277	16	8.0	0.00
02/01/2024 16:20	5.9	294	14	8.3	0.00
02/01/2024 16:30	7.0	295	10	8.7	0.00
02/01/2024 16:40	6.4	297	12	8.5	0.00
02/01/2024 16:50	6.7	296	11	8.9	0.00
02/01/2024 17:00	6.7	297	12	8.7	0.00
02/01/2024 17:10	7.3	298	10	9.6	0.00
02/01/2024 17:20	6.7	295	11	9.0	0.00
02/01/2024 17:30	7.0	296	9	8.9	0.00
02/01/2024 17:40	7.1	296	9	8.9	0.00
02/01/2024 17:50	6.3	295	10	8.2	0.00
02/01/2024 18:00	5.7	293	16	8.0	0.00
02/01/2024 18:10	4.8	294	13	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 18:20	4.9	293	14	6.6	0.00
02/01/2024 18:30	4.7	293	15	6.6	0.00
02/01/2024 18:40	3.8	284	14	5.3	0.00
02/01/2024 18:50	4.6	287	13	6.4	0.00
02/01/2024 19:00	4.2	289	14	5.6	0.00
02/01/2024 19:10	4.3	289	13	6.0	0.00
02/01/2024 19:20	4.3	288	16	6.0	0.00
02/01/2024 19:30	4.6	287	13	6.6	0.00
02/01/2024 19:40	3.7	278	17	6.0	0.00
02/01/2024 19:50	4.5	267	12	6.3	0.00
02/01/2024 20:00	4.3	270	15	5.6	0.00
02/01/2024 20:10	4.5	284	17	6.4	0.00
02/01/2024 20:20	4.9	279	16	7.0	0.00
02/01/2024 20:30	4.5	275	15	6.0	0.00
02/01/2024 20:40	4.1	288	14	5.5	0.00
02/01/2024 20:50	4.6	292	12	6.6	0.00
02/01/2024 21:00	5.1	300	11	6.8	0.00
02/01/2024 21:10	5.7	295	11	7.2	0.00
02/01/2024 21:20	5.8	294	11	7.9	0.00
02/01/2024 21:30	5.9	298	11	8.4	0.00
02/01/2024 21:40	5.8	293	12	7.5	0.00
02/01/2024 21:50	5.6	291	11	7.4	0.00
02/01/2024 22:00	6.0	293	14	8.3	0.00
02/01/2024 22:10	5.8	294	12	8.2	0.00
02/01/2024 22:20	5.5	290	13	7.5	0.00
02/01/2024 22:30	4.7	287	14	7.0	0.00
02/01/2024 22:40	5.0	287	16	7.2	0.00
02/01/2024 22:50	4.7	287	14	7.0	0.00
02/01/2024 23:00	4.5	282	16	6.6	0.00
02/01/2024 23:10	4.9	288	15	6.6	0.00
02/01/2024 23:20	4.4	277	14	6.7	0.00
02/01/2024 23:30	4.4	266	14	6.0	0.00
02/01/2024 23:40	5.0	263	11	7.0	0.00
02/01/2024 23:50	4.5	267	12	6.4	0.00
03/01/2024 00:00	4.5	270	12	6.2	0.00
03/01/2024 00:10	4.1	273	16	6.1	0.00
03/01/2024 00:20	4.1	282	15	5.6	0.00
03/01/2024 00:30	3.5	279	18	5.2	0.00
03/01/2024 00:40	3.9	282	17	5.5	0.00
03/01/2024 00:50	3.7	276	15	5.9	0.00
03/01/2024 01:00	4.2	279	13	6.0	0.00
03/01/2024 01:10	4.2	281	14	6.1	0.00
03/01/2024 01:20	4.8	273	14	7.5	0.00
03/01/2024 01:30	5.4	269	11	7.2	0.00
03/01/2024 01:40	5.9	274	14	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 01:50	5.3	270	13	7.3	0.00
03/01/2024 02:00	5.0	272	14	6.9	0.00
03/01/2024 02:10	4.4	269	14	6.2	0.00
03/01/2024 02:20	4.0	275	16	5.9	0.00
03/01/2024 02:30	3.5	278	16	5.1	0.00
03/01/2024 02:40	3.4	280	14	5.3	0.00
03/01/2024 02:50	3.2	279	15	5.0	0.00
03/01/2024 03:00	3.4	275	16	5.4	0.00
03/01/2024 03:10	3.4	272	16	5.5	0.00
03/01/2024 03:20	3.9	268	14	5.6	0.00
03/01/2024 03:30	4.0	274	14	6.0	0.00
03/01/2024 03:40	4.2	272	13	5.9	0.00
03/01/2024 03:50	4.3	274	15	6.0	0.00
03/01/2024 04:00	4.4	268	11	6.3	0.00
03/01/2024 04:10	4.5	265	11	5.9	0.00
03/01/2024 04:20	5.0	262	10	6.8	0.00
03/01/2024 04:30	4.9	262	11	6.8	0.00
03/01/2024 04:40	4.9	263	10	6.8	0.00
03/01/2024 04:50	4.5	267	13	6.4	0.00
03/01/2024 05:00	4.3	270	13	6.8	0.00
03/01/2024 05:10	3.8	271	15	5.8	0.00
03/01/2024 05:20	4.4	270	13	5.7	0.00
03/01/2024 05:30	4.5	267	11	6.0	0.00
03/01/2024 05:40	4.8	265	11	6.7	0.00
03/01/2024 05:50	4.6	265	12	6.4	0.00
03/01/2024 06:00	4.4	267	11	5.7	0.00
03/01/2024 06:10	3.5	275	15	4.5	0.00
03/01/2024 06:20	6.0	264	10	7.9	0.00
03/01/2024 06:30	6.0	260	10	8.0	0.00
03/01/2024 06:40	5.4	263	9	7.5	0.00
03/01/2024 06:50	6.2	261	10	8.3	0.00
03/01/2024 07:00	6.5	262	10	8.3	0.00
03/01/2024 07:10	6.0	262	10	7.9	0.00
03/01/2024 07:20	5.9	257	12	7.9	0.00
03/01/2024 07:30	6.5	263	11	8.3	0.00
03/01/2024 07:40	6.0	259	10	8.0	0.00
03/01/2024 07:50	6.5	260	10	8.7	0.00
03/01/2024 08:00	6.8	261	11	9.2	0.00
03/01/2024 08:10	6.4	263	13	8.7	0.00
03/01/2024 08:20	6.4	260	10	9.0	0.00
03/01/2024 08:30	6.9	258	11	9.0	0.00
03/01/2024 08:40	6.6	257	10	8.4	0.00
03/01/2024 08:50	6.7	262	11	9.5	0.00
03/01/2024 09:00	7.3	258	10	9.5	0.00
03/01/2024 09:10	7.3	261	12	9.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 09:20	7.5	265	11	9.9	0.00
03/01/2024 09:30	7.0	261	10	9.6	0.00
03/01/2024 09:40	7.0	267	14	9.1	0.00
03/01/2024 09:50	7.1	264	12	9.5	0.00
03/01/2024 10:00	7.3	260	10	10.0	0.00
03/01/2024 10:10	7.8	265	12	9.9	0.00
03/01/2024 10:20	7.5	264	11	9.9	0.00
03/01/2024 10:30	7.8	264	10	10.3	0.00
03/01/2024 10:40	7.6	262	11	9.8	0.00
03/01/2024 10:50	7.8	259	12	10.4	0.00
03/01/2024 11:00	7.7	264	11	10.4	0.00
03/01/2024 11:10	8.4	263	11	10.9	0.00
03/01/2024 11:20	8.2	265	12	10.1	0.00
03/01/2024 11:30	8.3	261	12	10.4	0.00
03/01/2024 11:40	7.6	264	12	10.3	0.00
03/01/2024 11:50	7.5	260	12	9.1	0.00
03/01/2024 12:00	6.9	260	14	9.0	0.00
03/01/2024 12:10	7.2	263	11	9.1	0.00
03/01/2024 12:20	6.6	268	14	8.9	0.00
03/01/2024 12:30	6.6	263	12	8.4	0.00
03/01/2024 12:40	5.1	259	20	7.3	0.00
03/01/2024 12:50	5.6	263	14	7.7	0.00
03/01/2024 13:00	6.4	264	13	8.4	0.00
03/01/2024 13:10	6.5	262	11	8.6	0.00
03/01/2024 13:20	6.6	261	12	8.7	0.00
03/01/2024 13:30	6.9	265	15	9.0	0.00
03/01/2024 13:40	6.9	264	11	8.6	0.00
03/01/2024 13:50	6.6	261	11	8.3	0.00
03/01/2024 14:00	6.2	261	12	7.9	0.00
03/01/2024 14:10	5.9	264	14	7.9	0.00
03/01/2024 14:20	5.8	268	17	7.9	0.00
03/01/2024 14:30	6.4	296	12	8.7	0.00
03/01/2024 14:40	6.3	298	12	8.3	0.00
03/01/2024 14:50	7.2	297	9	9.4	0.00
03/01/2024 15:00	7.0	294	13	9.2	0.00
03/01/2024 15:10	6.9	298	11	8.7	0.00
03/01/2024 15:20	6.3	299	12	9.1	0.00
03/01/2024 15:30	6.3	296	15	9.1	0.00
03/01/2024 15:40	6.6	300	12	9.1	0.00
03/01/2024 15:50	6.5	297	11	8.6	0.00
03/01/2024 16:00	6.5	295	12	8.3	0.00
03/01/2024 16:10	6.4	294	12	9.0	0.00
03/01/2024 16:20	6.4	297	12	8.3	0.00
03/01/2024 16:30	6.1	295	11	8.2	0.00
03/01/2024 16:40	6.4	294	10	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 16:50	6.0	298	12	8.1	0.00
03/01/2024 17:00	5.9	297	12	8.3	0.00
03/01/2024 17:10	6.1	292	13	8.1	0.00
03/01/2024 17:20	6.7	294	11	8.7	0.00
03/01/2024 17:30	6.4	297	9	8.3	0.00
03/01/2024 17:40	6.1	296	13	8.2	0.00
03/01/2024 17:50	6.1	295	12	8.4	0.00
03/01/2024 18:00	5.8	294	12	7.6	0.00
03/01/2024 18:10	5.4	285	15	7.8	0.00
03/01/2024 18:20	6.0	271	13	7.9	0.00
03/01/2024 18:30	5.8	267	14	7.2	0.00
03/01/2024 18:40	5.7	269	14	7.8	0.00
03/01/2024 18:50	6.8	260	9	8.7	0.00
03/01/2024 19:00	7.0	260	9	8.9	0.00
03/01/2024 19:10	6.0	266	13	8.3	0.00
03/01/2024 19:20	4.8	273	12	7.5	0.00
03/01/2024 19:30	5.0	272	15	7.5	0.00
03/01/2024 19:40	5.5	267	13	7.2	0.00
03/01/2024 19:50	5.8	262	13	7.9	0.00
03/01/2024 20:00	6.8	261	10	8.8	0.00
03/01/2024 20:10	6.9	260	12	9.7	0.00
03/01/2024 20:20	7.2	260	11	9.8	0.00
03/01/2024 20:30	7.2	263	11	9.5	0.00
03/01/2024 20:40	6.6	262	12	9.0	0.00
03/01/2024 20:50	6.6	263	12	8.6	0.00
03/01/2024 21:00	7.2	262	9	9.0	0.00
03/01/2024 21:10	7.2	260	11	9.0	0.00
03/01/2024 21:20	7.6	262	9	9.7	0.00
03/01/2024 21:30	6.9	261	9	8.7	0.00
03/01/2024 21:40	6.7	259	9	8.7	0.00
03/01/2024 21:50	6.9	259	9	8.8	0.00
03/01/2024 22:00	6.6	258	10	9.5	0.00
03/01/2024 22:10	7.0	261	11	9.2	0.00
03/01/2024 22:20	6.4	259	9	8.7	0.00
03/01/2024 22:30	6.1	260	10	8.7	0.00
03/01/2024 22:40	6.1	257	11	8.3	0.00
03/01/2024 22:50	6.2	253	10	8.4	0.00
03/01/2024 23:00	5.9	256	11	7.9	0.00
03/01/2024 23:10	6.2	252	11	8.3	0.00
03/01/2024 23:20	6.5	254	11	8.5	0.00
03/01/2024 23:30	5.6	255	13	7.6	0.00
03/01/2024 23:40	5.8	257	11	8.0	0.00
03/01/2024 23:50	5.5	258	13	7.4	0.00
04/01/2024 00:00	5.6	255	12	7.5	0.00
04/01/2024 00:10	6.0	256	10	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 00:20	6.2	257	11	7.9	0.00
04/01/2024 00:30	6.2	260	9	8.3	0.00
04/01/2024 00:40	6.1	257	12	8.3	0.00
04/01/2024 00:50	6.2	254	11	8.6	0.00
04/01/2024 01:00	5.7	257	10	8.1	0.00
04/01/2024 01:10	5.5	258	12	7.5	0.00
04/01/2024 01:20	6.0	260	9	8.2	0.00
04/01/2024 01:30	6.0	255	12	7.9	0.00
04/01/2024 01:40	5.7	256	11	7.7	0.00
04/01/2024 01:50	5.6	255	12	7.5	0.00
04/01/2024 02:00	6.0	258	12	7.9	0.00
04/01/2024 02:10	6.1	256	11	8.1	0.00
04/01/2024 02:20	6.1	255	11	7.9	0.00
04/01/2024 02:30	5.9	256	10	8.3	0.00
04/01/2024 02:40	5.9	257	10	8.7	0.00
04/01/2024 02:50	5.6	256	12	7.3	0.00
04/01/2024 03:00	5.5	257	10	7.3	0.00
04/01/2024 03:10	5.7	255	9	7.9	0.00
04/01/2024 03:20	6.1	253	10	7.9	0.00
04/01/2024 03:30	5.6	254	12	7.8	0.00
04/01/2024 03:40	5.6	254	10	7.6	0.00
04/01/2024 03:50	5.4	253	12	7.5	0.00
04/01/2024 04:00	4.7	258	12	6.7	0.00
04/01/2024 04:10	5.4	251	11	7.4	0.00
04/01/2024 04:20	5.1	251	12	7.0	0.00
04/01/2024 04:30	4.5	261	10	6.3	0.00
04/01/2024 04:40	5.1	263	9	6.5	0.00
04/01/2024 04:50	4.8	262	11	6.4	0.00
04/01/2024 05:00	4.4	267	12	6.4	0.00
04/01/2024 05:10	4.3	267	12	5.9	0.00
04/01/2024 05:20	4.5	268	13	6.0	0.00
04/01/2024 05:30	4.3	270	14	6.3	0.00
04/01/2024 05:40	4.2	265	12	5.9	0.00
04/01/2024 05:50	4.1	270	12	5.7	0.00
04/01/2024 06:00	4.3	268	13	6.1	0.00
04/01/2024 06:10	4.6	270	13	6.4	0.00
04/01/2024 06:20	4.4	264	12	6.7	0.00
04/01/2024 06:30	4.0	268	13	6.0	0.00
04/01/2024 06:40	4.0	267	12	5.7	0.00
04/01/2024 06:50	4.1	265	13	6.0	0.00
04/01/2024 07:00	4.2	264	13	5.7	0.00
04/01/2024 07:10	4.2	264	13	5.7	0.00
04/01/2024 07:20	5.0	259	11	6.6	0.00
04/01/2024 07:30	4.7	261	11	6.4	0.00
04/01/2024 07:40	5.0	260	11	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 07:50	4.7	256	13	6.4	0.00
04/01/2024 08:00	4.4	257	14	6.0	0.00
04/01/2024 08:10	4.6	259	16	6.1	0.00
04/01/2024 08:20	4.7	258	13	6.0	0.00
04/01/2024 08:30	4.9	254	10	6.8	0.00
04/01/2024 08:40	4.9	256	16	6.8	0.00
04/01/2024 08:50	4.8	257	13	6.9	0.00
04/01/2024 09:00	4.7	257	13	6.6	0.00
04/01/2024 09:10	4.9	258	13	6.4	0.00
04/01/2024 09:20	5.2	265	14	6.8	0.00
04/01/2024 09:30	5.0	264	15	6.9	0.00
04/01/2024 09:40	4.9	259	17	7.1	0.00
04/01/2024 09:50	5.1	268	15	7.3	0.00
04/01/2024 10:00	4.9	267	14	6.4	0.00
04/01/2024 10:10	4.9	275	15	6.4	0.00
04/01/2024 10:20	5.0	274	15	6.6	0.00
04/01/2024 10:30	5.1	262	14	6.6	0.00
04/01/2024 10:40	4.9	272	19	6.5	0.00
04/01/2024 10:50	5.0	270	17	7.2	0.00
04/01/2024 11:00	5.0	267	15	6.6	0.00
04/01/2024 11:10	5.1	268	16	7.1	0.00
04/01/2024 11:20	5.1	266	16	6.8	0.00
04/01/2024 11:30	5.0	272	15	7.1	0.00
04/01/2024 11:40	5.1	266	14	6.9	0.00
04/01/2024 11:50	5.2	263	13	6.6	0.00
04/01/2024 12:00	5.2	258	14	6.9	0.00
04/01/2024 12:10	5.0	262	14	7.0	0.00
04/01/2024 12:20	4.9	267	17	6.7	0.00
04/01/2024 12:30	4.8	267	18	7.2	0.00
04/01/2024 12:40	4.9	268	19	6.9	0.00
04/01/2024 12:50	4.9	282	20	7.0	0.00
04/01/2024 13:00	5.2	294	13	7.2	0.00
04/01/2024 13:10	5.5	295	16	7.6	0.00
04/01/2024 13:20	5.6	295	16	7.1	0.00
04/01/2024 13:30	5.3	295	15	7.5	0.00
04/01/2024 13:40	5.6	304	16	7.8	0.00
04/01/2024 13:50	5.8	294	15	7.9	0.00
04/01/2024 14:00	5.9	299	18	7.9	0.00
04/01/2024 14:10	6.0	297	12	8.0	0.00
04/01/2024 14:20	6.3	297	13	8.6	0.00
04/01/2024 14:30	5.9	299	14	7.8	0.00
04/01/2024 14:40	6.2	297	14	8.5	0.00
04/01/2024 14:50	6.1	296	13	8.1	0.00
04/01/2024 15:00	6.5	295	12	7.9	0.00
04/01/2024 15:10	6.1	297	12	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 15:20	6.1	297	13	8.2	0.00
04/01/2024 15:30	5.8	295	12	7.9	0.00
04/01/2024 15:40	5.5	298	14	7.5	0.00
04/01/2024 15:50	5.6	291	12	7.2	0.00
04/01/2024 16:00	5.1	294	14	7.9	0.00
04/01/2024 16:10	5.0	292	14	6.6	0.00
04/01/2024 16:20	4.9	298	15	7.0	0.00
04/01/2024 16:30	5.5	296	15	7.2	0.00
04/01/2024 16:40	5.3	297	13	7.5	0.00
04/01/2024 16:50	4.9	294	16	7.0	0.00
04/01/2024 17:00	5.1	292	14	6.6	0.00
04/01/2024 17:10	5.0	295	15	7.2	0.00
04/01/2024 17:20	5.2	299	13	6.8	0.00
04/01/2024 17:30	5.4	293	12	7.2	0.00
04/01/2024 17:40	5.7	294	11	7.3	0.00
04/01/2024 17:50	5.4	292	14	6.9	0.00
04/01/2024 18:00	5.3	288	16	7.5	0.00
04/01/2024 18:10	5.3	288	11	7.3	0.00
04/01/2024 18:20	5.1	291	13	6.8	0.00
04/01/2024 18:30	4.8	283	14	7.1	0.00
04/01/2024 18:40	5.0	287	14	7.0	0.00
04/01/2024 18:50	4.5	288	17	6.8	0.00
04/01/2024 19:00	4.6	289	15	6.6	0.00
04/01/2024 19:10	4.8	283	15	7.1	0.00
04/01/2024 19:20	4.4	288	15	6.2	0.00
04/01/2024 19:30	4.6	294	11	6.1	0.00
04/01/2024 19:40	4.3	285	14	6.1	0.00
04/01/2024 19:50	4.1	290	16	5.9	0.00
04/01/2024 20:00	4.2	287	14	6.2	0.00
04/01/2024 20:10	4.2	277	15	6.3	0.00
04/01/2024 20:20	4.5	279	17	6.3	0.00
04/01/2024 20:30	4.2	284	15	5.7	0.00
04/01/2024 20:40	3.9	285	18	5.8	0.00
04/01/2024 20:50	3.8	282	16	5.4	0.00
04/01/2024 21:00	3.9	281	14	5.6	0.00
04/01/2024 21:10	3.8	284	15	5.8	0.00
04/01/2024 21:20	3.9	271	15	5.2	0.00
04/01/2024 21:30	3.8	271	15	6.0	0.00
04/01/2024 21:40	4.4	269	12	5.8	0.00
04/01/2024 21:50	4.3	274	14	6.0	0.00
04/01/2024 22:00	4.3	271	16	6.2	0.00
04/01/2024 22:10	4.6	266	12	6.3	0.00
04/01/2024 22:20	4.3	270	13	5.7	0.00
04/01/2024 22:30	4.6	278	14	6.4	0.00
04/01/2024 22:40	4.8	273	14	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 22:50	5.1	270	14	7.4	0.00
04/01/2024 23:00	5.0	267	13	7.0	0.00
04/01/2024 23:10	4.9	264	11	6.6	0.00
04/01/2024 23:20	5.3	263	11	7.0	0.00
04/01/2024 23:30	5.2	262	13	6.8	0.00
04/01/2024 23:40	5.5	263	10	7.4	0.00
04/01/2024 23:50	5.2	263	10	6.8	0.00
05/01/2024 00:00	5.3	260	10	7.2	0.00
05/01/2024 00:10	5.4	263	10	7.5	0.00
05/01/2024 00:20	5.6	258	11	7.9	0.00
05/01/2024 00:30	5.6	261	10	7.8	0.00
05/01/2024 00:40	5.8	260	10	7.4	0.00
05/01/2024 00:50	5.6	255	11	7.5	0.00
05/01/2024 01:00	5.6	257	11	7.3	0.00
05/01/2024 01:10	5.1	256	11	7.6	0.00
05/01/2024 01:20	5.3	263	11	7.1	0.00
05/01/2024 01:30	4.6	265	9	6.8	0.00
05/01/2024 01:40	4.5	258	11	6.0	0.00
05/01/2024 01:50	5.0	260	11	7.0	0.00
05/01/2024 02:00	5.3	254	10	7.4	0.00
05/01/2024 02:10	5.1	256	11	7.2	0.00
05/01/2024 02:20	4.7	261	10	6.4	0.00
05/01/2024 02:30	4.6	256	11	6.4	0.00
05/01/2024 02:40	5.0	256	10	6.8	0.00
05/01/2024 02:50	5.2	258	9	7.5	0.00
05/01/2024 03:00	5.3	261	10	7.6	0.00
05/01/2024 03:10	4.8	258	11	6.3	0.00
05/01/2024 03:20	4.5	258	11	6.2	0.00
05/01/2024 03:30	4.6	256	10	6.4	0.00
05/01/2024 03:40	4.7	261	10	6.7	0.00
05/01/2024 03:50	4.5	259	9	6.2	0.00
05/01/2024 04:00	4.7	257	11	6.6	0.00
05/01/2024 04:10	5.0	262	10	6.5	0.00
05/01/2024 04:20	5.0	262	10	6.9	0.00
05/01/2024 04:30	5.1	262	9	6.8	0.00
05/01/2024 04:40	5.1	261	10	7.0	0.00
05/01/2024 04:50	4.8	260	9	6.5	0.00
05/01/2024 05:00	5.1	262	10	6.5	0.00
05/01/2024 05:10	4.7	262	10	6.2	0.00
05/01/2024 05:20	5.1	260	9	6.7	0.00
05/01/2024 05:30	4.9	261	9	6.8	0.00
05/01/2024 05:40	4.9	260	10	6.4	0.00
05/01/2024 05:50	5.0	263	9	6.8	0.00
05/01/2024 06:00	4.8	260	11	6.4	0.00
05/01/2024 06:10	4.5	261	12	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 06:20	4.4	261	10	6.1	0.00
05/01/2024 06:30	4.2	260	11	6.0	0.00
05/01/2024 06:40	4.4	266	11	5.8	0.00
05/01/2024 06:50	4.2	263	12	6.2	0.00
05/01/2024 07:00	4.7	261	11	6.4	0.00
05/01/2024 07:10	4.4	259	11	6.3	0.00
05/01/2024 07:20	5.0	260	11	6.5	0.00
05/01/2024 07:30	4.9	264	12	6.9	0.00
05/01/2024 07:40	5.1	262	12	6.5	0.00
05/01/2024 07:50	5.8	261	10	7.4	0.00
05/01/2024 08:00	5.0	267	15	6.9	0.00
05/01/2024 08:10	5.3	263	12	7.3	0.00
05/01/2024 08:20	5.0	261	12	6.6	0.00
05/01/2024 08:30	5.2	263	12	7.1	0.00
05/01/2024 08:40	5.7	262	11	7.1	0.00
05/01/2024 08:50	5.5	262	13	7.6	0.00
05/01/2024 09:00	5.5	263	15	7.4	0.00
05/01/2024 09:10	5.4	258	13	7.2	0.00
05/01/2024 09:20	5.2	252	13	7.5	0.00
05/01/2024 09:30	6.1	254	11	8.3	0.00
05/01/2024 09:40	6.0	255	13	8.0	0.00
05/01/2024 09:50	6.0	251	12	8.0	0.00
05/01/2024 10:00	6.1	252	13	7.8	0.00
05/01/2024 10:10	6.2	254	10	7.9	0.00
05/01/2024 10:20	6.6	253	13	8.3	0.00
05/01/2024 10:30	6.5	253	14	8.7	0.00
05/01/2024 10:40	6.9	252	13	8.9	0.00
05/01/2024 10:50	6.5	250	11	8.6	0.00
05/01/2024 11:00	6.6	255	13	9.1	0.00
05/01/2024 11:10	6.4	252	14	9.0	0.00
05/01/2024 11:20	6.4	252	13	8.1	0.00
05/01/2024 11:30	6.5	248	14	8.5	0.00
05/01/2024 11:40	6.7	250	12	8.7	0.00
05/01/2024 11:50	6.5	251	13	8.6	0.00
05/01/2024 12:00	6.2	252	13	8.3	0.00
05/01/2024 12:10	6.2	251	13	8.2	0.00
05/01/2024 12:20	6.7	253	13	8.7	0.00
05/01/2024 12:30	6.4	257	14	8.6	0.00
05/01/2024 12:40	6.3	251	14	8.4	0.00
05/01/2024 12:50	7.1	259	13	9.1	0.00
05/01/2024 13:00	7.0	258	11	9.3	0.00
05/01/2024 13:10	7.0	262	13	8.8	0.00
05/01/2024 13:20	6.9	254	13	9.1	0.00
05/01/2024 13:30	7.0	256	11	9.7	0.00
05/01/2024 13:40	6.6	258	12	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 13:50	6.8	258	13	8.9	0.00
05/01/2024 14:00	6.8	255	13	9.0	0.00
05/01/2024 14:10	6.8	256	12	9.1	0.00
05/01/2024 14:20	7.3	258	12	9.4	0.00
05/01/2024 14:30	7.0	259	11	9.3	0.00
05/01/2024 14:40	6.3	257	15	8.2	0.00
05/01/2024 14:50	6.4	255	12	8.7	0.00
05/01/2024 15:00	6.6	257	13	8.6	0.00
05/01/2024 15:10	6.9	258	11	9.2	0.00
05/01/2024 15:20	7.2	257	10	9.3	0.00
05/01/2024 15:30	7.1	257	12	9.4	0.00
05/01/2024 15:40	7.4	256	12	9.2	0.00
05/01/2024 15:50	7.9	259	10	10.3	0.00
05/01/2024 16:00	7.2	258	12	9.4	0.00
05/01/2024 16:10	7.5	257	13	9.6	0.00
05/01/2024 16:20	7.5	260	12	10.3	0.00
05/01/2024 16:30	7.7	254	11	10.2	0.00
05/01/2024 16:40	7.3	261	11	9.5	0.00
05/01/2024 16:50	7.0	264	12	9.9	0.00
05/01/2024 17:00	7.2	261	12	9.3	0.00
05/01/2024 17:10	7.2	263	11	9.3	0.00
05/01/2024 17:20	6.9	261	12	8.7	0.00
05/01/2024 17:30	6.9	261	10	8.8	0.00
05/01/2024 17:40	6.8	260	12	9.0	0.00
05/01/2024 17:50	7.2	260	10	9.1	0.00
05/01/2024 18:00	6.8	260	10	8.4	0.00
05/01/2024 18:10	6.7	263	10	8.4	0.00
05/01/2024 18:20	6.3	263	11	8.1	0.00
05/01/2024 18:30	6.0	263	11	7.9	0.00
05/01/2024 18:40	5.6	264	13	7.9	0.00
05/01/2024 18:50	5.8	265	12	7.5	0.00
05/01/2024 19:00	4.8	272	14	7.0	0.00
05/01/2024 19:10	5.1	265	12	6.9	0.00
05/01/2024 19:20	5.0	266	12	7.4	0.00
05/01/2024 19:30	5.5	266	12	7.2	0.00
05/01/2024 19:40	6.5	260	10	8.3	0.00
05/01/2024 19:50	6.6	260	10	8.9	0.00
05/01/2024 20:00	6.8	263	9	8.4	0.00
05/01/2024 20:10	7.4	263	9	9.6	0.00
05/01/2024 20:20	6.4	263	12	8.6	0.00
05/01/2024 20:30	6.0	269	13	7.5	0.00
05/01/2024 20:40	6.1	266	12	8.4	0.00
05/01/2024 20:50	6.5	262	10	9.1	0.00
05/01/2024 21:00	6.6	262	10	8.9	0.00
05/01/2024 21:10	6.7	262	10	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 21:20	6.7	262	11	8.6	0.00
05/01/2024 21:30	6.1	262	11	8.1	0.00
05/01/2024 21:40	5.6	260	10	7.8	0.00
05/01/2024 21:50	6.0	260	11	8.5	0.00
05/01/2024 22:00	5.8	258	10	8.3	0.00
05/01/2024 22:10	5.7	255	12	7.7	0.00
05/01/2024 22:20	6.4	252	10	8.6	0.00
05/01/2024 22:30	6.7	251	10	9.4	0.00
05/01/2024 22:40	6.0	253	12	7.5	0.00
05/01/2024 22:50	6.6	254	11	8.6	0.00
05/01/2024 23:00	6.0	253	9	8.0	0.00
05/01/2024 23:10	6.6	255	10	8.7	0.00
05/01/2024 23:20	6.3	251	10	7.9	0.00
05/01/2024 23:30	6.5	253	11	8.9	0.00
05/01/2024 23:40	6.7	255	11	8.8	0.00
05/01/2024 23:50	6.6	250	12	8.7	0.00
06/01/2024 00:00	6.5	251	11	8.3	0.00
06/01/2024 00:10	6.6	252	12	9.0	0.00
06/01/2024 00:20	5.7	245	11	7.9	0.00
06/01/2024 00:30	5.3	241	11	7.9	0.00
06/01/2024 00:40	4.7	243	14	6.7	0.00
06/01/2024 00:50	4.6	244	13	6.4	0.00
06/01/2024 01:00	4.9	244	12	7.2	0.00
06/01/2024 01:10	4.8	245	13	7.1	0.00
06/01/2024 01:20	5.4	239	14	7.8	0.00
06/01/2024 01:30	5.5	242	13	7.2	0.00
06/01/2024 01:40	5.8	244	12	8.2	0.00
06/01/2024 01:50	6.2	243	12	9.4	0.00
06/01/2024 02:00	6.5	241	10	8.9	0.00
06/01/2024 02:10	5.4	242	13	8.3	0.00
06/01/2024 02:20	6.4	243	11	9.6	0.00
06/01/2024 02:30	6.1	242	12	8.1	0.00
06/01/2024 02:40	6.1	244	11	8.6	0.00
06/01/2024 02:50	6.0	245	11	8.8	0.00
06/01/2024 03:00	5.9	246	11	8.3	0.00
06/01/2024 03:10	6.1	244	13	8.7	0.00
06/01/2024 03:20	6.0	244	12	8.3	0.00
06/01/2024 03:30	5.7	249	12	7.8	0.00
06/01/2024 03:40	5.7	245	12	7.9	0.00
06/01/2024 03:50	5.1	241	13	7.9	0.00
06/01/2024 04:00	5.1	245	13	7.0	0.00
06/01/2024 04:10	4.4	246	12	6.4	0.00
06/01/2024 04:20	5.2	247	13	7.3	0.00
06/01/2024 04:30	4.4	244	12	6.1	0.00
06/01/2024 04:40	4.2	242	13	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 04:50	4.1	238	13	6.0	0.00
06/01/2024 05:00	4.5	239	11	6.1	0.00
06/01/2024 05:10	4.2	239	12	5.9	0.00
06/01/2024 05:20	4.0	240	12	5.3	0.00
06/01/2024 05:30	3.9	247	13	5.2	0.00
06/01/2024 05:40	4.2	246	16	6.0	0.00
06/01/2024 05:50	3.5	249	14	4.9	0.00
06/01/2024 06:00	4.0	257	10	5.2	0.00
06/01/2024 06:10	4.1	251	12	6.0	0.00
06/01/2024 06:20	4.3	254	10	5.5	0.00
06/01/2024 06:30	3.8	251	11	5.6	0.00
06/01/2024 06:40	4.6	253	11	6.0	0.00
06/01/2024 06:50	5.2	256	12	6.8	0.00
06/01/2024 07:00	4.4	253	12	6.3	0.00
06/01/2024 07:10	5.1	250	12	6.8	0.00
06/01/2024 07:20	5.0	253	13	6.2	0.00
06/01/2024 07:30	4.6	254	13	6.0	0.00
06/01/2024 07:40	4.8	252	13	6.3	0.00
06/01/2024 07:50	4.7	248	14	6.0	0.00
06/01/2024 08:00	5.1	250	12	6.9	0.00
06/01/2024 08:10	4.5	247	14	6.1	0.00
06/01/2024 08:20	5.5	253	13	6.7	0.00
06/01/2024 08:30	5.4	249	11	7.5	0.00
06/01/2024 08:40	5.3	256	12	6.9	0.00
06/01/2024 08:50	5.9	259	11	7.5	0.00
06/01/2024 09:00	6.2	261	10	8.1	0.00
06/01/2024 09:10	5.9	259	11	8.2	0.00
06/01/2024 09:20	5.7	256	11	7.3	0.00
06/01/2024 09:30	6.2	261	10	7.9	0.00
06/01/2024 09:40	5.7	269	16	7.5	0.00
06/01/2024 09:50	5.8	267	15	7.2	0.00
06/01/2024 10:00	5.6	267	14	7.5	0.00
06/01/2024 10:10	5.4	269	17	7.5	0.00
06/01/2024 10:20	5.7	269	15	7.6	0.00
06/01/2024 10:30	5.0	273	17	6.8	0.00
06/01/2024 10:40	5.4	270	17	7.5	0.00
06/01/2024 10:50	5.1	293	15	6.7	0.00
06/01/2024 11:00	5.5	294	14	7.5	0.00
06/01/2024 11:10	4.9	310	17	7.4	0.00
06/01/2024 11:20	5.4	307	16	7.8	0.00
06/01/2024 11:30	5.8	306	16	8.1	0.00
06/01/2024 11:40	6.3	296	12	8.7	0.00
06/01/2024 11:50	5.9	297	16	7.9	0.00
06/01/2024 12:00	6.2	297	14	8.5	0.00
06/01/2024 12:10	5.9	292	15	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 12:20	6.5	294	13	8.7	0.00
06/01/2024 12:30	6.5	298	12	8.6	0.00
06/01/2024 12:40	6.6	292	13	8.7	0.00
06/01/2024 12:50	6.7	290	12	8.8	0.00
06/01/2024 13:00	6.8	294	14	9.3	0.00
06/01/2024 13:10	7.0	288	13	9.2	0.00
06/01/2024 13:20	6.9	285	16	9.0	0.00
06/01/2024 13:30	6.8	273	15	8.9	0.00
06/01/2024 13:40	6.0	279	18	8.0	0.00
06/01/2024 13:50	5.7	265	14	8.4	0.00
06/01/2024 14:00	5.8	264	13	7.9	0.00
06/01/2024 14:10	7.1	259	10	9.4	0.00
06/01/2024 14:20	6.3	258	11	8.1	0.00
06/01/2024 14:30	7.5	252	10	9.4	0.00
06/01/2024 14:40	6.2	254	13	8.3	0.00
06/01/2024 14:50	6.7	257	10	9.1	0.00
06/01/2024 15:00	6.1	252	14	8.8	0.00
06/01/2024 15:10	6.0	256	12	8.3	0.00
06/01/2024 15:20	7.5	262	10	9.4	0.00
06/01/2024 15:30	6.9	259	11	9.2	0.00
06/01/2024 15:40	6.9	263	10	8.7	0.00
06/01/2024 15:50	8.3	262	10	10.1	0.00
06/01/2024 16:00	7.5	263	12	9.7	0.00
06/01/2024 16:10	7.3	263	10	9.2	0.00
06/01/2024 16:20	7.2	260	10	9.6	0.00
06/01/2024 16:30	7.4	259	10	9.3	0.00
06/01/2024 16:40	7.0	264	10	10.3	0.00
06/01/2024 16:50	7.2	261	10	9.8	0.00
06/01/2024 17:00	6.6	261	12	8.8	0.00
06/01/2024 17:10	7.5	258	10	9.7	0.00
06/01/2024 17:20	6.5	257	12	8.4	0.00
06/01/2024 17:30	6.5	259	12	8.6	0.00
06/01/2024 17:40	6.7	258	10	8.5	0.00
06/01/2024 17:50	7.2	257	12	9.7	0.00
06/01/2024 18:00	6.8	258	12	9.0	0.00
06/01/2024 18:10	7.1	263	10	9.3	0.00
06/01/2024 18:20	6.6	261	12	8.5	0.00
06/01/2024 18:30	6.8	257	11	8.7	0.00
06/01/2024 18:40	5.9	257	11	7.7	0.00
06/01/2024 18:50	6.3	255	10	8.3	0.00
06/01/2024 19:00	5.6	263	12	7.4	0.00
06/01/2024 19:10	5.0	262	13	7.5	0.00
06/01/2024 19:20	5.1	267	15	7.2	0.00
06/01/2024 19:30	4.4	271	15	6.8	0.00
06/01/2024 19:40	4.9	267	12	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 19:50	5.3	264	13	7.9	0.00
06/01/2024 20:00	5.6	271	12	8.0	0.00
06/01/2024 20:10	5.0	265	15	7.2	0.00
06/01/2024 20:20	4.9	262	13	7.5	0.00
06/01/2024 20:30	5.4	266	12	7.2	0.00
06/01/2024 20:40	5.7	267	12	7.7	0.00
06/01/2024 20:50	6.7	262	10	8.7	0.00
06/01/2024 21:00	6.7	263	10	8.7	0.00
06/01/2024 21:10	5.8	269	12	7.9	0.00
06/01/2024 21:20	6.4	270	13	8.4	0.00
06/01/2024 21:30	6.1	268	14	8.1	0.00
06/01/2024 21:40	6.4	265	11	8.6	0.00
06/01/2024 21:50	6.1	265	11	7.8	0.00
06/01/2024 22:00	6.8	263	12	9.1	0.00
06/01/2024 22:10	7.6	263	9	9.9	0.00
06/01/2024 22:20	7.1	258	9	9.5	0.00
06/01/2024 22:30	7.1	260	9	8.7	0.00
06/01/2024 22:40	7.3	260	11	9.5	0.00
06/01/2024 22:50	6.2	261	9	7.9	0.00
06/01/2024 23:00	6.2	262	9	8.8	0.00
06/01/2024 23:10	6.4	261	10	9.1	0.00
06/01/2024 23:20	6.2	259	10	7.9	0.00
06/01/2024 23:30	6.1	254	10	8.0	0.00
06/01/2024 23:40	6.2	253	10	8.3	0.00
06/01/2024 23:50	6.5	252	11	8.8	0.00
07/01/2024 00:00	5.9	256	10	7.8	0.00
07/01/2024 00:10	5.0	257	10	6.8	0.00
07/01/2024 00:20	5.9	262	10	7.5	0.00
07/01/2024 00:30	5.9	264	10	7.5	0.00
07/01/2024 00:40	6.0	254	11	8.7	0.00
07/01/2024 00:50	5.4	257	11	7.8	0.00
07/01/2024 01:00	5.1	260	11	6.9	0.00
07/01/2024 01:10	5.2	259	11	7.0	0.00
07/01/2024 01:20	5.4	262	9	7.7	0.00
07/01/2024 01:30	6.9	262	9	9.1	0.00
07/01/2024 01:40	7.1	258	9	9.3	0.00
07/01/2024 01:50	6.0	253	10	8.6	0.00
07/01/2024 02:00	6.0	256	11	8.0	0.00
07/01/2024 02:10	6.2	257	11	8.1	0.00
07/01/2024 02:20	6.2	254	10	9.1	0.00
07/01/2024 02:30	5.3	255	10	8.0	0.00
07/01/2024 02:40	5.7	256	12	7.9	0.00
07/01/2024 02:50	5.9	254	12	8.0	0.00
07/01/2024 03:00	6.5	251	11	8.4	0.00
07/01/2024 03:10	5.7	252	10	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 03:20	5.6	254	12	7.6	0.00
07/01/2024 03:30	5.3	254	11	6.8	0.00
07/01/2024 03:40	4.5	252	12	5.9	0.00
07/01/2024 03:50	3.9	254	13	5.8	0.00
07/01/2024 04:00	3.8	251	13	5.9	0.00
07/01/2024 04:10	3.8	244	13	5.6	0.00
07/01/2024 04:20	3.7	243	14	5.4	0.00
07/01/2024 04:30	3.6	243	12	5.2	0.00
07/01/2024 04:40	3.6	244	13	5.4	0.00
07/01/2024 04:50	3.9	238	13	5.7	0.00
07/01/2024 05:00	4.6	241	12	6.8	0.00
07/01/2024 05:10	4.2	240	13	6.1	0.00
07/01/2024 05:20	3.3	243	14	5.6	0.00
07/01/2024 05:30	3.7	240	12	5.6	0.00
07/01/2024 05:40	3.9	239	14	5.6	0.00
07/01/2024 05:50	4.4	244	12	6.2	0.00
07/01/2024 06:00	4.2	242	12	5.7	0.00
07/01/2024 06:10	4.1	247	14	6.0	0.00
07/01/2024 06:20	5.2	246	12	7.3	0.00
07/01/2024 06:30	4.9	240	13	6.8	0.00
07/01/2024 06:40	5.0	248	15	6.7	0.00
07/01/2024 06:50	5.4	240	12	7.8	0.00
07/01/2024 07:00	5.4	248	12	7.7	0.00
07/01/2024 07:10	5.6	248	11	7.1	0.00
07/01/2024 07:20	6.0	247	12	7.6	0.00
07/01/2024 07:30	5.6	250	12	7.8	0.00
07/01/2024 07:40	5.9	248	13	7.9	0.00
07/01/2024 07:50	5.9	240	11	7.9	0.00
07/01/2024 08:00	5.0	246	12	6.8	0.00
07/01/2024 08:10	5.3	251	13	6.8	0.00
07/01/2024 08:20	5.3	257	11	7.1	0.00
07/01/2024 08:30	5.7	254	10	7.8	0.00
07/01/2024 08:40	5.2	256	10	6.8	0.00
07/01/2024 08:50	4.7	253	13	6.3	0.00
07/01/2024 09:00	4.5	256	14	6.0	0.00
07/01/2024 09:10	4.5	258	12	5.7	0.00
07/01/2024 09:20	4.6	260	12	6.0	0.00
07/01/2024 09:30	4.9	262	14	6.2	0.00
07/01/2024 09:40	5.0	268	14	6.4	0.00
07/01/2024 09:50	4.9	268	14	6.2	0.00
07/01/2024 10:00	5.2	266	13	6.8	0.00
07/01/2024 10:10	5.3	274	13	6.9	0.00
07/01/2024 10:20	5.5	272	15	7.2	0.00
07/01/2024 10:30	5.5	273	16	7.3	0.00
07/01/2024 10:40	5.4	277	13	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 10:50	5.6	274	14	7.5	0.00
07/01/2024 11:00	5.6	265	11	7.0	0.00
07/01/2024 11:10	5.7	268	15	7.6	0.00
07/01/2024 11:20	5.5	272	16	7.2	0.00
07/01/2024 11:30	5.5	266	14	7.4	0.00
07/01/2024 11:40	5.4	274	16	7.3	0.00
07/01/2024 11:50	6.1	261	13	7.8	0.00
07/01/2024 12:00	5.7	259	12	7.5	0.00
07/01/2024 12:10	6.0	259	12	7.6	0.00
07/01/2024 12:20	6.9	252	10	9.2	0.00
07/01/2024 12:30	6.8	256	9	8.5	0.00
07/01/2024 12:40	6.3	257	11	8.8	0.00
07/01/2024 12:50	6.1	260	11	7.5	0.00
07/01/2024 13:00	5.9	257	13	7.4	0.00
07/01/2024 13:10	6.0	256	13	7.6	0.00
07/01/2024 13:20	6.1	258	10	7.6	0.00
07/01/2024 13:30	5.7	262	10	7.5	0.00
07/01/2024 13:40	6.2	256	10	7.6	0.00
07/01/2024 13:50	6.5	260	11	7.9	0.00
07/01/2024 14:00	5.9	257	13	7.9	0.00
07/01/2024 14:10	6.3	261	13	8.3	0.00
07/01/2024 14:20	5.5	273	18	7.3	0.00
07/01/2024 14:30	5.4	262	12	7.3	0.00
07/01/2024 14:40	5.1	269	14	7.6	0.00
07/01/2024 14:50	5.9	260	12	7.9	0.00
07/01/2024 15:00	4.9	273	18	7.5	0.00
07/01/2024 15:10	5.4	257	18	7.6	0.00
07/01/2024 15:20	4.7	282	18	6.8	0.00
07/01/2024 15:30	4.9	281	18	7.0	0.00
07/01/2024 15:40	6.6	271	14	9.6	0.00
07/01/2024 15:50	7.5	265	14	10.5	0.00
07/01/2024 16:00	6.7	270	16	9.4	0.00
07/01/2024 16:10	7.0	265	14	10.0	0.00
07/01/2024 16:20	7.3	270	14	9.9	0.00
07/01/2024 16:30	7.5	269	15	9.9	0.00
07/01/2024 16:40	6.8	271	16	9.5	0.00
07/01/2024 16:50	7.0	272	13	9.9	0.00
07/01/2024 17:00	6.8	273	14	8.9	0.00
07/01/2024 17:10	7.0	268	13	9.1	0.00
07/01/2024 17:20	6.5	274	16	8.5	0.00
07/01/2024 17:30	6.3	272	14	8.1	0.00
07/01/2024 17:40	6.2	274	15	9.1	0.00
07/01/2024 17:50	6.3	275	14	8.3	0.00
07/01/2024 18:00	6.0	276	14	8.1	0.00
07/01/2024 18:10	5.9	271	14	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 18:20	6.0	271	14	8.1	0.00
07/01/2024 18:30	5.7	270	14	7.8	0.00
07/01/2024 18:40	5.4	274	14	7.2	0.00
07/01/2024 18:50	5.1	266	15	7.4	0.00
07/01/2024 19:00	5.1	274	15	7.2	0.00
07/01/2024 19:10	4.4	267	14	6.4	0.00
07/01/2024 19:20	5.2	267	14	7.1	0.00
07/01/2024 19:30	5.2	265	13	7.2	0.00
07/01/2024 19:40	4.7	271	15	6.5	0.00
07/01/2024 19:50	5.1	263	14	7.2	0.00
07/01/2024 20:00	5.7	263	12	8.2	0.00
07/01/2024 20:10	4.4	260	13	6.0	0.00
07/01/2024 20:20	4.2	256	13	5.8	0.00
07/01/2024 20:30	4.3	255	13	6.5	0.00
07/01/2024 20:40	4.3	254	12	5.7	0.00
07/01/2024 20:50	3.9	253	14	5.2	0.00
07/01/2024 21:00	4.3	250	12	6.0	0.00
07/01/2024 21:10	4.2	256	13	6.0	0.00
07/01/2024 21:20	4.4	251	13	6.2	0.00
07/01/2024 21:30	4.2	247	11	5.5	0.00
07/01/2024 21:40	3.6	250	13	5.6	0.00
07/01/2024 21:50	3.5	251	14	5.2	0.00
07/01/2024 22:00	3.8	246	13	5.6	0.00
07/01/2024 22:10	4.3	248	11	6.0	0.00
07/01/2024 22:20	4.7	253	12	6.1	0.00
07/01/2024 22:30	4.6	253	11	6.8	0.00
07/01/2024 22:40	4.5	251	11	5.9	0.00
07/01/2024 22:50	5.1	254	12	6.7	0.00
07/01/2024 23:00	4.2	250	14	6.5	0.00
07/01/2024 23:10	3.7	247	12	5.6	0.00
07/01/2024 23:20	3.5	244	15	5.2	0.00
07/01/2024 23:30	3.6	242	14	5.6	0.00
07/01/2024 23:40	3.8	248	14	5.1	0.00
07/01/2024 23:50	4.0	255	11	5.4	0.00
08/01/2024 00:00	4.3	253	12	6.0	0.00
08/01/2024 00:10	3.7	246	12	5.5	0.00
08/01/2024 00:20	3.9	250	12	5.5	0.00
08/01/2024 00:30	4.6	253	12	5.6	0.00
08/01/2024 00:40	4.1	256	11	5.8	0.00
08/01/2024 00:50	3.1	251	13	4.5	0.00
08/01/2024 01:00	2.7	254	13	3.7	0.00
08/01/2024 01:10	2.9	260	9	3.9	0.00
08/01/2024 01:20	3.2	259	9	4.0	0.00
08/01/2024 01:30	3.2	259	9	4.0	0.00
08/01/2024 01:40	3.1	263	9	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 01:50	3.5	265	8	4.6	0.00
08/01/2024 02:00	3.5	262	9	4.4	0.00
08/01/2024 02:10	3.6	265	8	4.4	0.00
08/01/2024 02:20	3.5	268	9	4.4	0.00
08/01/2024 02:30	3.5	268	9	4.6	0.00
08/01/2024 02:40	3.7	265	10	4.8	0.00
08/01/2024 02:50	2.7	259	11	3.7	0.00
08/01/2024 03:00	2.5	275	8	3.2	0.00
08/01/2024 03:10	2.9	269	11	3.7	0.00
08/01/2024 03:20	3.1	255	11	4.1	0.00
08/01/2024 03:30	2.4	259	10	3.1	0.00
08/01/2024 03:40	2.3	266	9	3.3	0.00
08/01/2024 03:50	2.5	265	9	3.2	0.00
08/01/2024 04:00	3.2	273	7	3.8	0.00
08/01/2024 04:10	1.8	265	18	2.7	0.00
08/01/2024 04:20	2.7	277	7	3.4	0.00
08/01/2024 04:30	2.6	269	11	3.2	0.00
08/01/2024 04:40	2.0	261	10	2.6	0.00
08/01/2024 04:50	1.9	253	10	2.8	0.00
08/01/2024 05:00	2.4	258	10	3.3	0.00
08/01/2024 05:10	2.4	265	8	3.2	0.00
08/01/2024 05:20	2.9	264	9	3.8	0.00
08/01/2024 05:30	3.1	264	10	4.0	0.00
08/01/2024 05:40	2.9	260	8	3.6	0.00
08/01/2024 05:50	2.7	256	10	3.6	0.00
08/01/2024 06:00	2.4	260	10	3.1	0.00
08/01/2024 06:10	2.7	251	10	3.6	0.00
08/01/2024 06:20	1.8	239	15	2.7	0.00
08/01/2024 06:30	1.0	228	25	2.0	0.00
08/01/2024 06:40	2.1	247	12	3.0	0.00
08/01/2024 06:50	2.7	252	12	3.5	0.00
08/01/2024 07:00	2.9	255	12	3.6	0.00
08/01/2024 07:10	2.8	261	12	3.9	0.00
08/01/2024 07:20	2.3	255	15	3.2	0.00
08/01/2024 07:30	2.6	255	13	3.4	0.00
08/01/2024 07:40	2.9	247	14	3.9	0.00
08/01/2024 07:50	2.7	237	16	4.0	0.00
08/01/2024 08:00	3.0	234	17	4.2	0.00
08/01/2024 08:10	3.3	225	14	4.7	0.00
08/01/2024 08:20	3.0	230	17	4.4	0.00
08/01/2024 08:30	2.7	225	20	4.3	0.00
08/01/2024 08:40	3.2	220	20	4.8	0.00
08/01/2024 08:50	3.3	224	20	5.2	0.00
08/01/2024 09:00	3.1	238	18	4.4	0.00
08/01/2024 09:10	3.3	251	18	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 09:20	3.1	257	17	4.3	0.00
08/01/2024 09:30	3.3	255	16	4.5	0.00
08/01/2024 09:40	2.9	250	21	4.5	0.00
08/01/2024 09:50	3.6	257	20	5.1	0.00
08/01/2024 10:00	3.5	251	14	5.2	0.00
08/01/2024 10:10	3.7	249	16	5.1	0.00
08/01/2024 10:20	4.1	249	15	5.5	0.00
08/01/2024 10:30	4.0	244	19	5.7	0.00
08/01/2024 10:40	4.0	239	14	6.0	0.00
08/01/2024 10:50	4.3	255	18	6.3	0.00
08/01/2024 11:00	4.0	255	17	5.7	0.00
08/01/2024 11:10	4.5	259	13	6.3	0.00
08/01/2024 11:20	4.4	269	14	6.5	0.00
08/01/2024 11:30	4.1	271	19	6.3	0.00
08/01/2024 11:40	4.3	286	17	6.5	0.00
08/01/2024 11:50	5.0	296	10	6.7	0.00
08/01/2024 12:00	5.2	296	10	7.1	0.00
08/01/2024 12:10	5.5	300	11	6.9	0.00
08/01/2024 12:20	5.6	295	10	7.4	0.00
08/01/2024 12:30	4.9	298	13	6.4	0.00
08/01/2024 12:40	4.6	279	17	7.0	0.00
08/01/2024 12:50	5.0	272	17	7.4	0.00
08/01/2024 13:00	6.1	266	13	8.1	0.00
08/01/2024 13:10	6.1	268	18	8.6	0.00
08/01/2024 13:20	6.0	261	13	7.9	0.00
08/01/2024 13:30	6.5	260	13	8.8	0.00
08/01/2024 13:40	7.1	262	11	9.5	0.00
08/01/2024 13:50	7.5	262	13	10.3	0.00
08/01/2024 14:00	6.5	255	13	8.4	0.00
08/01/2024 14:10	6.3	255	13	9.1	0.00
08/01/2024 14:20	5.9	269	15	7.9	0.00
08/01/2024 14:30	7.2	257	10	9.2	0.00
08/01/2024 14:40	6.4	256	15	9.1	0.00
08/01/2024 14:50	7.8	261	12	10.2	0.00
08/01/2024 15:00	7.4	257	11	9.1	0.00
08/01/2024 15:10	8.7	262	12	10.7	0.00
08/01/2024 15:20	7.9	259	13	10.7	0.00
08/01/2024 15:30	7.8	264	12	10.5	0.00
08/01/2024 15:40	7.5	261	10	11.1	0.00
08/01/2024 15:50	7.1	261	13	10.0	0.00
08/01/2024 16:00	8.1	263	11	11.5	0.00
08/01/2024 16:10	7.8	264	12	9.9	0.00
08/01/2024 16:20	7.7	266	14	9.8	0.00
08/01/2024 16:30	6.3	270	14	9.6	0.00
08/01/2024 16:40	6.6	268	14	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 16:50	7.0	262	12	10.2	0.00
08/01/2024 17:00	7.5	262	11	9.8	0.00
08/01/2024 17:10	7.5	264	11	9.9	0.00
08/01/2024 17:20	7.4	263	11	9.6	0.00
08/01/2024 17:30	7.6	260	10	9.5	0.00
08/01/2024 17:40	7.3	264	11	9.1	0.00
08/01/2024 17:50	7.6	262	11	10.8	0.00
08/01/2024 18:00	7.6	263	11	9.9	0.00
08/01/2024 18:10	7.7	265	10	9.8	0.00
08/01/2024 18:20	7.5	262	9	10.0	0.00
08/01/2024 18:30	7.3	262	10	9.3	0.00
08/01/2024 18:40	7.2	262	10	9.7	0.00
08/01/2024 18:50	7.6	262	11	10.2	0.00
08/01/2024 19:00	7.2	261	11	10.4	0.00
08/01/2024 19:10	7.1	261	11	9.5	0.00
08/01/2024 19:20	7.5	261	9	10.0	0.00
08/01/2024 19:30	7.2	261	8	9.5	0.00
08/01/2024 19:40	7.0	262	9	9.3	0.00
08/01/2024 19:50	7.3	262	10	10.4	0.00
08/01/2024 20:00	7.5	262	9	9.5	0.00
08/01/2024 20:10	7.7	260	10	10.3	0.00
08/01/2024 20:20	7.5	261	10	10.1	0.00
08/01/2024 20:30	8.0	264	9	10.6	0.00
08/01/2024 20:40	7.7	263	11	10.7	0.00
08/01/2024 20:50	7.1	261	11	9.3	0.00
08/01/2024 21:00	7.3	258	12	9.7	0.00
08/01/2024 21:10	7.3	256	12	9.3	0.00
08/01/2024 21:20	6.9	253	11	9.2	0.00
08/01/2024 21:30	7.6	254	11	9.7	0.00
08/01/2024 21:40	7.3	254	11	9.6	0.00
08/01/2024 21:50	6.6	252	11	8.6	0.00
08/01/2024 22:00	6.3	252	12	8.6	0.00
08/01/2024 22:10	6.3	254	11	8.4	0.00
08/01/2024 22:20	5.9	252	14	8.4	0.00
08/01/2024 22:30	6.0	251	11	7.8	0.00
08/01/2024 22:40	5.3	251	14	7.5	0.00
08/01/2024 22:50	5.1	244	11	7.3	0.00
08/01/2024 23:00	4.7	248	12	7.0	0.00
08/01/2024 23:10	5.1	243	14	7.2	0.00
08/01/2024 23:20	4.5	237	14	6.8	0.00
08/01/2024 23:30	4.4	237	14	6.3	0.00
08/01/2024 23:40	4.6	233	13	7.1	0.00
08/01/2024 23:50	4.6	237	13	6.8	0.00
09/01/2024 00:00	4.7	233	11	6.4	0.00
09/01/2024 00:10	4.9	238	12	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 00:20	5.1	234	11	7.2	0.00
09/01/2024 00:30	5.1	230	15	6.8	0.00
09/01/2024 00:40	4.7	234	12	6.7	0.00
09/01/2024 00:50	4.0	228	14	5.9	0.00
09/01/2024 01:00	3.8	234	13	5.2	0.00
09/01/2024 01:10	3.9	232	13	5.2	0.00
09/01/2024 01:20	3.4	244	13	4.7	0.00
09/01/2024 01:30	3.1	245	11	4.5	0.00
09/01/2024 01:40	3.0	247	10	4.1	0.00
09/01/2024 01:50	3.5	253	10	4.4	0.00
09/01/2024 02:00	3.9	255	10	4.8	0.00
09/01/2024 02:10	3.8	255	10	4.8	0.00
09/01/2024 02:20	3.3	248	13	4.2	0.00
09/01/2024 02:30	3.1	255	12	4.3	0.00
09/01/2024 02:40	3.3	257	10	4.4	0.00
09/01/2024 02:50	3.2	259	11	4.5	0.00
09/01/2024 03:00	4.2	262	9	5.2	0.00
09/01/2024 03:10	4.2	262	9	5.6	0.00
09/01/2024 03:20	4.6	264	9	5.8	0.00
09/01/2024 03:30	4.1	259	9	5.2	0.00
09/01/2024 03:40	3.1	249	13	4.5	0.00
09/01/2024 03:50	4.2	256	12	5.6	0.00
09/01/2024 04:00	3.1	247	11	4.3	0.00
09/01/2024 04:10	4.4	255	9	5.8	0.00
09/01/2024 04:20	4.4	253	12	5.7	0.00
09/01/2024 04:30	4.4	251	12	5.8	0.00
09/01/2024 04:40	4.0	254	10	5.3	0.00
09/01/2024 04:50	3.8	254	12	5.0	0.00
09/01/2024 05:00	5.4	259	9	7.1	0.00
09/01/2024 05:10	5.2	257	10	6.9	0.00
09/01/2024 05:20	5.6	256	10	7.1	0.00
09/01/2024 05:30	4.0	245	13	5.8	0.00
09/01/2024 05:40	4.6	253	10	6.6	0.00
09/01/2024 05:50	4.1	249	12	5.8	0.00
09/01/2024 06:00	5.2	259	9	6.6	0.00
09/01/2024 06:10	5.4	254	10	7.2	0.00
09/01/2024 06:20	5.6	252	12	7.4	0.00
09/01/2024 06:30	5.2	248	11	6.8	0.00
09/01/2024 06:40	5.3	249	10	7.4	0.00
09/01/2024 06:50	5.8	242	12	7.4	0.00
09/01/2024 07:00	5.2	241	12	7.2	0.00
09/01/2024 07:10	5.2	249	13	7.0	0.00
09/01/2024 07:20	5.6	253	9	7.2	0.00
09/01/2024 07:30	5.0	254	11	6.8	0.00
09/01/2024 07:40	5.5	259	10	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 07:50	5.1	260	11	7.0	0.00
09/01/2024 08:00	4.4	265	9	5.8	0.00
09/01/2024 08:10	4.2	262	12	5.4	0.00
09/01/2024 08:20	5.5	262	9	7.2	0.00
09/01/2024 08:30	5.9	257	10	7.8	0.00
09/01/2024 08:40	5.4	253	11	7.5	0.00
09/01/2024 08:50	5.9	259	11	8.2	0.00
09/01/2024 09:00	5.7	262	12	7.1	0.00
09/01/2024 09:10	6.2	254	12	8.0	0.00
09/01/2024 09:20	5.6	259	11	7.2	0.00
09/01/2024 09:30	5.4	257	11	7.3	0.00
09/01/2024 09:40	5.0	258	12	6.9	0.00
09/01/2024 09:50	4.1	262	13	6.1	0.00
09/01/2024 10:00	4.7	270	13	6.0	0.00
09/01/2024 10:10	4.8	265	14	6.2	0.00
09/01/2024 10:20	5.1	264	12	6.5	0.00
09/01/2024 10:30	5.6	274	13	7.0	0.00
09/01/2024 10:40	5.4	270	14	7.2	0.00
09/01/2024 10:50	5.8	266	13	7.7	0.00
09/01/2024 11:00	5.7	270	15	7.4	0.00
09/01/2024 11:10	6.2	266	14	8.3	0.00
09/01/2024 11:20	5.6	272	16	7.2	0.00
09/01/2024 11:30	5.5	264	13	7.4	0.00
09/01/2024 11:40	4.8	268	19	6.6	0.00
09/01/2024 11:50	4.4	286	14	5.8	0.00
09/01/2024 12:00	4.7	269	16	6.3	0.00
09/01/2024 12:10	5.5	265	13	7.7	0.00
09/01/2024 12:20	5.2	257	16	7.3	0.00
09/01/2024 12:30	6.3	259	11	7.8	0.00
09/01/2024 12:40	6.0	256	14	7.9	0.00
09/01/2024 12:50	6.1	247	11	7.5	0.00
09/01/2024 13:00	5.9	252	11	7.6	0.00
09/01/2024 13:10	6.7	252	11	8.9	0.00
09/01/2024 13:20	6.5	257	12	8.5	0.00
09/01/2024 13:30	7.3	261	9	9.0	0.00
09/01/2024 13:40	7.0	257	11	8.7	0.00
09/01/2024 13:50	6.7	256	11	8.4	0.00
09/01/2024 14:00	6.3	259	11	8.7	0.00
09/01/2024 14:10	6.3	254	11	7.9	0.00
09/01/2024 14:20	6.5	256	10	8.3	0.00
09/01/2024 14:30	6.8	257	12	8.8	0.00
09/01/2024 14:40	6.0	261	13	8.3	0.00
09/01/2024 14:50	6.7	260	11	8.3	0.00
09/01/2024 15:00	7.1	263	10	8.9	0.00
09/01/2024 15:10	6.0	260	14	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 15:20	6.8	262	10	9.0	0.00
09/01/2024 15:30	7.0	262	10	8.8	0.00
09/01/2024 15:40	6.5	268	14	8.3	0.00
09/01/2024 15:50	5.8	267	14	7.6	0.00
09/01/2024 16:00	6.1	262	13	8.1	0.00
09/01/2024 16:10	5.8	256	14	7.6	0.00
09/01/2024 16:20	6.0	257	12	8.0	0.00
09/01/2024 16:30	6.1	254	12	7.9	0.00
09/01/2024 16:40	6.2	256	11	8.5	0.00
09/01/2024 16:50	7.6	259	9	9.5	0.00
09/01/2024 17:00	6.8	257	12	8.7	0.00
09/01/2024 17:10	6.5	259	10	9.1	0.00
09/01/2024 17:20	7.2	257	11	9.1	0.00
09/01/2024 17:30	6.6	257	11	8.6	0.00
09/01/2024 17:40	7.2	259	10	8.8	0.00
09/01/2024 17:50	7.5	259	11	9.2	0.00
09/01/2024 18:00	6.5	261	10	8.7	0.00
09/01/2024 18:10	6.4	259	11	8.4	0.00
09/01/2024 18:20	6.2	259	9	8.3	0.00
09/01/2024 18:30	5.7	256	11	8.1	0.00
09/01/2024 18:40	5.6	255	11	7.4	0.00
09/01/2024 18:50	5.4	252	11	7.5	0.00
09/01/2024 19:00	5.5	252	11	7.2	0.00
09/01/2024 19:10	5.2	253	12	6.6	0.00
09/01/2024 19:20	5.1	251	12	6.7	0.00
09/01/2024 19:30	4.8	255	10	6.4	0.00
09/01/2024 19:40	4.6	249	14	6.6	0.00
09/01/2024 19:50	5.5	252	12	7.5	0.00
09/01/2024 20:00	5.8	254	11	7.4	0.00
09/01/2024 20:10	5.7	252	12	7.9	0.00
09/01/2024 20:20	6.2	253	12	7.7	0.00
09/01/2024 20:30	5.4	252	12	7.3	0.00
09/01/2024 20:40	5.3	256	10	7.4	0.00
09/01/2024 20:50	5.4	251	10	7.1	0.00
09/01/2024 21:00	5.2	252	13	7.5	0.00
09/01/2024 21:10	5.3	250	12	7.2	0.00
09/01/2024 21:20	4.8	253	11	6.6	0.00
09/01/2024 21:30	5.0	251	11	6.8	0.00
09/01/2024 21:40	5.1	255	10	6.8	0.00
09/01/2024 21:50	5.2	257	10	7.0	0.00
09/01/2024 22:00	4.8	248	13	6.8	0.00
09/01/2024 22:10	5.4	248	12	7.2	0.00
09/01/2024 22:20	5.4	253	11	7.4	0.00
09/01/2024 22:30	5.2	252	10	7.3	0.00
09/01/2024 22:40	4.9	252	11	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 22:50	5.2	254	10	7.6	0.00
09/01/2024 23:00	5.5	254	10	7.3	0.00
09/01/2024 23:10	5.1	253	11	6.5	0.00
09/01/2024 23:20	4.7	252	11	6.4	0.00
09/01/2024 23:30	4.3	250	13	5.8	0.00
09/01/2024 23:40	4.0	251	13	5.3	0.00
09/01/2024 23:50	3.8	245	12	5.3	0.00
10/01/2024 00:00	4.3	257	11	5.7	0.00
10/01/2024 00:10	4.5	257	10	5.6	0.00
10/01/2024 00:20	4.7	259	9	5.8	0.00
10/01/2024 00:30	4.4	254	11	5.6	0.00
10/01/2024 00:40	4.6	252	10	5.8	0.00
10/01/2024 00:50	4.5	251	12	5.7	0.00
10/01/2024 01:00	4.7	253	9	6.2	0.00
10/01/2024 01:10	4.6	258	9	5.9	0.00
10/01/2024 01:20	4.3	257	9	5.3	0.00
10/01/2024 01:30	4.4	263	8	5.5	0.00
10/01/2024 01:40	4.5	262	8	5.5	0.00
10/01/2024 01:50	4.2	261	9	5.5	0.00
10/01/2024 02:00	4.4	262	9	5.4	0.00
10/01/2024 02:10	4.3	261	10	5.4	0.00
10/01/2024 02:20	4.2	258	9	5.2	0.00
10/01/2024 02:30	4.5	256	9	5.9	0.00
10/01/2024 02:40	5.1	256	10	6.4	0.00
10/01/2024 02:50	5.2	255	12	6.7	0.00
10/01/2024 03:00	4.8	254	11	5.9	0.00
10/01/2024 03:10	4.6	257	7	5.6	0.00
10/01/2024 03:20	4.1	264	9	5.2	0.00
10/01/2024 03:30	3.7	267	11	4.6	0.00
10/01/2024 03:40	4.2	257	10	5.6	0.00
10/01/2024 03:50	4.8	260	10	6.7	0.00
10/01/2024 04:00	4.8	259	9	5.9	0.00
10/01/2024 04:10	5.0	258	10	6.2	0.00
10/01/2024 04:20	5.8	259	8	7.1	0.00
10/01/2024 04:30	4.9	257	9	6.2	0.00
10/01/2024 04:40	4.6	259	9	5.6	0.00
10/01/2024 04:50	4.7	258	9	6.1	0.00
10/01/2024 05:00	4.2	259	10	5.4	0.00
10/01/2024 05:10	4.2	258	9	5.2	0.00
10/01/2024 05:20	3.8	257	10	4.8	0.00
10/01/2024 05:30	3.7	257	10	4.9	0.00
10/01/2024 05:40	2.7	250	11	3.6	0.00
10/01/2024 05:50	1.7	246	16	2.6	0.00
10/01/2024 06:00	2.1	249	12	3.3	0.00
10/01/2024 06:10	2.4	240	11	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 06:20	2.4	248	14	3.3	0.00
10/01/2024 06:30	2.1	248	13	2.8	0.00
10/01/2024 06:40	2.3	248	14	3.5	0.00
10/01/2024 06:50	2.9	257	12	4.0	0.00
10/01/2024 07:00	3.3	253	11	4.2	0.00
10/01/2024 07:10	3.8	234	12	5.1	0.00
10/01/2024 07:20	3.6	246	10	4.9	0.00
10/01/2024 07:30	3.5	262	12	4.4	0.00
10/01/2024 07:40	3.7	261	13	4.8	0.00
10/01/2024 07:50	4.2	267	13	5.5	0.00
10/01/2024 08:00	3.6	255	12	5.1	0.00
10/01/2024 08:10	3.8	271	13	4.8	0.00
10/01/2024 08:20	4.0	257	12	5.1	0.00
10/01/2024 08:30	3.8	260	13	5.2	0.00
10/01/2024 08:40	4.5	262	10	6.2	0.00
10/01/2024 08:50	4.7	262	11	6.0	0.00
10/01/2024 09:00	4.6	262	13	6.0	0.00
10/01/2024 09:10	4.7	268	16	6.1	0.00
10/01/2024 09:20	5.1	274	15	6.7	0.00
10/01/2024 09:30	4.6	269	13	6.3	0.00
10/01/2024 09:40	5.2	270	13	6.6	0.00
10/01/2024 09:50	5.3	267	13	7.2	0.00
10/01/2024 10:00	5.5	262	10	6.9	0.00
10/01/2024 10:10	5.3	266	13	7.1	0.00
10/01/2024 10:20	5.5	265	12	7.7	0.00
10/01/2024 10:30	6.0	263	14	7.6	0.00
10/01/2024 10:40	6.0	263	11	8.0	0.00
10/01/2024 10:50	6.0	261	13	7.9	0.00
10/01/2024 11:00	6.3	260	11	8.3	0.00
10/01/2024 11:10	6.0	264	13	7.7	0.00
10/01/2024 11:20	6.0	259	12	7.7	0.00
10/01/2024 11:30	5.9	257	11	8.4	0.00
10/01/2024 11:40	6.0	263	15	7.9	0.00
10/01/2024 11:50	5.8	262	13	7.7	0.00
10/01/2024 12:00	6.0	263	13	7.9	0.00
10/01/2024 12:10	6.1	259	12	8.3	0.00
10/01/2024 12:20	6.7	258	12	9.0	0.00
10/01/2024 12:30	6.7	255	12	9.1	0.00
10/01/2024 12:40	7.3	256	10	8.9	0.00
10/01/2024 12:50	7.0	262	13	9.5	0.00
10/01/2024 13:00	7.1	261	11	9.3	0.00
10/01/2024 13:10	7.5	257	11	9.5	0.00
10/01/2024 13:20	7.0	260	10	9.0	0.00
10/01/2024 13:30	7.6	264	11	9.3	0.00
10/01/2024 13:40	7.6	261	10	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 13:50	6.9	262	10	8.7	0.00
10/01/2024 14:00	6.7	260	11	8.6	0.00
10/01/2024 14:10	7.0	260	10	9.1	0.00
10/01/2024 14:20	6.7	259	12	8.1	0.00
10/01/2024 14:30	6.5	259	10	7.9	0.00
10/01/2024 14:40	6.6	259	11	8.2	0.00
10/01/2024 14:50	7.0	264	10	9.6	0.00
10/01/2024 15:00	7.5	261	11	9.2	0.00
10/01/2024 15:10	6.6	261	13	8.4	0.00
10/01/2024 15:20	6.6	259	11	9.0	0.00
10/01/2024 15:30	6.6	262	14	8.8	0.00
10/01/2024 15:40	6.5	256	12	9.2	0.00
10/01/2024 15:50	6.3	265	14	8.7	0.00
10/01/2024 16:00	6.0	268	14	8.7	0.00
10/01/2024 16:10	6.8	260	12	8.9	0.00
10/01/2024 16:20	7.0	264	13	9.1	0.00
10/01/2024 16:30	6.8	263	12	8.7	0.00
10/01/2024 16:40	5.9	263	13	8.2	0.00
10/01/2024 16:50	5.8	262	13	8.1	0.00
10/01/2024 17:00	6.6	263	11	8.8	0.00
10/01/2024 17:10	6.6	264	10	8.4	0.00
10/01/2024 17:20	6.9	263	10	8.9	0.00
10/01/2024 17:30	6.4	268	14	9.4	0.00
10/01/2024 17:40	6.8	264	11	9.0	0.00
10/01/2024 17:50	6.6	263	13	9.0	0.00
10/01/2024 18:00	6.5	267	12	9.1	0.00
10/01/2024 18:10	6.5	270	13	8.7	0.00
10/01/2024 18:20	6.7	265	12	8.4	0.00
10/01/2024 18:30	6.9	265	13	9.5	0.00
10/01/2024 18:40	6.9	263	12	9.2	0.00
10/01/2024 18:50	7.3	262	10	9.8	0.00
10/01/2024 19:00	7.3	263	11	10.7	0.00
10/01/2024 19:10	6.6	260	10	8.8	0.00
10/01/2024 19:20	5.3	265	13	7.8	0.00
10/01/2024 19:30	6.0	262	10	7.9	0.00
10/01/2024 19:40	6.7	264	10	8.7	0.00
10/01/2024 19:50	7.0	259	10	9.1	0.00
10/01/2024 20:00	6.8	260	10	8.8	0.00
10/01/2024 20:10	6.9	260	10	8.7	0.00
10/01/2024 20:20	6.4	262	10	8.4	0.00
10/01/2024 20:30	6.4	262	11	8.8	0.00
10/01/2024 20:40	6.6	259	9	8.7	0.00
10/01/2024 20:50	6.0	258	9	7.8	0.00
10/01/2024 21:00	5.6	255	11	7.6	0.00
10/01/2024 21:10	5.5	256	12	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 21:20	5.5	264	11	7.6	0.00
10/01/2024 21:30	5.7	263	12	8.3	0.00
10/01/2024 21:40	5.5	260	11	7.5	0.00
10/01/2024 21:50	5.1	261	10	7.3	0.00
10/01/2024 22:00	5.1	258	13	6.8	0.00
10/01/2024 22:10	4.9	257	13	6.8	0.00
10/01/2024 22:20	5.7	264	13	7.9	0.00
10/01/2024 22:30	5.1	258	14	7.2	0.00
10/01/2024 22:40	4.6	253	13	7.2	0.00
10/01/2024 22:50	4.8	260	12	7.0	0.00
10/01/2024 23:00	5.0	262	12	7.1	0.00
10/01/2024 23:10	5.0	256	12	6.2	0.00
10/01/2024 23:20	4.8	262	13	6.4	0.00
10/01/2024 23:30	5.1	257	10	6.8	0.00
10/01/2024 23:40	4.9	259	11	6.5	0.00
10/01/2024 23:50	5.3	262	12	7.2	0.00
11/01/2024 00:00	4.5	260	14	6.1	0.00
11/01/2024 00:10	4.7	260	12	6.9	0.00
11/01/2024 00:20	4.2	258	13	6.2	0.00
11/01/2024 00:30	4.6	255	12	6.1	0.00
11/01/2024 00:40	5.3	256	11	7.2	0.00
11/01/2024 00:50	5.1	256	12	6.9	0.00
11/01/2024 01:00	4.7	260	11	6.4	0.00
11/01/2024 01:10	3.7	257	11	5.2	0.00
11/01/2024 01:20	2.4	202	30	4.3	0.00
11/01/2024 01:30	2.0	228	31	2.8	0.00
11/01/2024 01:40	2.5	235	13	3.5	0.00
11/01/2024 01:50	2.3	240	14	3.3	0.00
11/01/2024 02:00	2.8	253	12	3.8	0.00
11/01/2024 02:10	2.7	254	12	3.6	0.00
11/01/2024 02:20	3.9	262	9	5.2	0.00
11/01/2024 02:30	2.5	257	13	3.4	0.00
11/01/2024 02:40	1.7	256	13	2.6	0.00
11/01/2024 02:50	1.0	227	20	1.8	0.00
11/01/2024 03:00	1.1	225	59	2.0	0.00
11/01/2024 03:10	1.5	274	9	2.4	0.00
11/01/2024 03:20	1.3	276	19	2.3	0.00
11/01/2024 03:30	0.5	264	8	1.4	0.00
11/01/2024 03:40	0.7	243	14	1.2	0.00
11/01/2024 03:50	1.6	249	11	2.4	0.00
11/01/2024 04:00	1.8	237	12	2.5	0.00
11/01/2024 04:10	0.9	210	24	2.0	0.00
11/01/2024 04:20	0.5	186	18	1.2	0.00
11/01/2024 04:30	0.6	56	3	1.2	0.00
11/01/2024 04:40	0.9	191	15	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 04:50	1.0	309	12	1.9	0.00
11/01/2024 05:00	1.9	286	13	3.0	0.00
11/01/2024 05:10	1.3	291	18	2.2	0.00
11/01/2024 05:20	2.0	266	11	2.6	0.00
11/01/2024 05:30	2.5	266	12	3.3	0.00
11/01/2024 05:40	2.9	256	11	3.7	0.00
11/01/2024 05:50	3.1	257	10	3.7	0.00
11/01/2024 06:00	2.8	251	8	3.5	0.00
11/01/2024 06:10	3.3	262	10	4.2	0.00
11/01/2024 06:20	2.7	257	12	3.6	0.00
11/01/2024 06:30	2.9	250	11	3.7	0.00
11/01/2024 06:40	2.9	253	13	4.0	0.00
11/01/2024 06:50	2.9	249	11	3.8	0.00
11/01/2024 07:00	3.0	261	12	4.0	0.00
11/01/2024 07:10	3.1	264	12	4.3	0.00
11/01/2024 07:20	3.3	260	11	4.1	0.00
11/01/2024 07:30	4.0	260	10	5.0	0.00
11/01/2024 07:40	4.2	259	9	5.2	0.00
11/01/2024 07:50	4.3	267	13	5.3	0.00
11/01/2024 08:00	5.1	262	10	6.5	0.00
11/01/2024 08:10	5.7	258	8	7.2	0.00
11/01/2024 08:20	5.2	252	10	7.2	0.00
11/01/2024 08:30	5.0	243	11	6.8	0.00
11/01/2024 08:40	3.9	232	16	5.9	0.00
11/01/2024 08:50	2.3	202	42	3.3	0.00
11/01/2024 09:00	2.3	130	62	4.3	0.00
11/01/2024 09:10	1.6	126	58	3.1	0.00
11/01/2024 09:20	2.5	103	14	3.8	0.00
11/01/2024 09:30	2.5	100	14	3.6	0.00
11/01/2024 09:40	2.9	103	15	4.0	0.00
11/01/2024 09:50	3.2	98	14	4.1	0.00
11/01/2024 10:00	2.7	99	19	4.4	0.00
11/01/2024 10:10	2.3	81	19	3.2	0.00
11/01/2024 10:20	1.7	126	33	3.2	0.00
11/01/2024 10:30	1.4	141	47	2.6	0.00
11/01/2024 10:40	1.6	181	71	3.2	0.00
11/01/2024 10:50	1.7	200	51	3.1	0.00
11/01/2024 11:00	1.7	238	39	2.9	0.00
11/01/2024 11:10	1.5	271	43	2.9	0.00
11/01/2024 11:20	1.6	260	38	3.0	0.00
11/01/2024 11:30	1.8	260	45	2.8	0.00
11/01/2024 11:40	2.2	269	33	4.0	0.00
11/01/2024 11:50	3.0	232	21	4.7	0.00
11/01/2024 12:00	2.1	234	34	3.7	0.00
11/01/2024 12:10	3.4	287	21	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 12:20	4.0	287	17	5.6	0.00
11/01/2024 12:30	3.6	244	18	5.3	0.00
11/01/2024 12:40	3.8	254	19	5.5	0.00
11/01/2024 12:50	3.6	269	19	5.2	0.00
11/01/2024 13:00	4.0	303	19	5.2	0.00
11/01/2024 13:10	3.6	299	16	4.8	0.00
11/01/2024 13:20	4.0	290	14	5.3	0.00
11/01/2024 13:30	3.8	290	13	5.2	0.00
11/01/2024 13:40	4.2	291	13	5.6	0.00
11/01/2024 13:50	4.9	295	10	6.3	0.00
11/01/2024 14:00	4.3	290	14	5.9	0.00
11/01/2024 14:10	4.1	287	17	5.5	0.00
11/01/2024 14:20	4.6	295	11	6.0	0.00
11/01/2024 14:30	4.9	282	15	6.5	0.00
11/01/2024 14:40	5.5	259	12	6.9	0.00
11/01/2024 14:50	6.1	258	10	7.5	0.00
11/01/2024 15:00	6.3	257	13	7.7	0.00
11/01/2024 15:10	6.5	260	10	7.9	0.00
11/01/2024 15:20	5.9	263	12	7.5	0.00
11/01/2024 15:30	6.6	262	9	8.5	0.00
11/01/2024 15:40	6.7	261	9	8.5	0.00
11/01/2024 15:50	6.8	255	9	8.7	0.00
11/01/2024 16:00	6.8	255	11	8.8	0.00
11/01/2024 16:10	6.4	257	15	8.5	0.00
11/01/2024 16:20	6.7	262	14	8.5	0.00
11/01/2024 16:30	6.9	261	10	9.0	0.00
11/01/2024 16:40	6.8	258	10	9.1	0.00
11/01/2024 16:50	7.7	263	10	9.9	0.00
11/01/2024 17:00	7.2	259	10	9.2	0.00
11/01/2024 17:10	7.3	263	11	9.5	0.00
11/01/2024 17:20	7.4	262	10	9.4	0.00
11/01/2024 17:30	7.8	260	11	9.9	0.00
11/01/2024 17:40	7.0	259	12	9.2	0.00
11/01/2024 17:50	6.7	261	10	9.1	0.00
11/01/2024 18:00	7.0	260	12	9.5	0.00
11/01/2024 18:10	6.6	256	13	8.3	0.00
11/01/2024 18:20	6.9	257	11	9.2	0.00
11/01/2024 18:30	6.5	258	12	8.3	0.00
11/01/2024 18:40	5.9	258	12	8.3	0.00
11/01/2024 18:50	6.4	258	9	8.6	0.00
11/01/2024 19:00	5.7	258	10	7.5	0.00
11/01/2024 19:10	5.7	255	13	7.7	0.00
11/01/2024 19:20	5.6	258	12	7.2	0.00
11/01/2024 19:30	6.0	259	11	7.6	0.00
11/01/2024 19:40	6.4	260	9	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 19:50	5.8	259	11	7.3	0.00
11/01/2024 20:00	5.7	257	10	7.5	0.00
11/01/2024 20:10	5.6	259	10	8.0	0.00
11/01/2024 20:20	5.3	261	9	7.2	0.00
11/01/2024 20:30	6.0	262	11	7.4	0.00
11/01/2024 20:40	6.0	262	9	7.6	0.00
11/01/2024 20:50	5.0	262	10	6.5	0.00
11/01/2024 21:00	4.9	262	11	6.8	0.00
11/01/2024 21:10	5.4	261	10	7.3	0.00
11/01/2024 21:20	5.7	262	11	7.4	0.00
11/01/2024 21:30	5.0	262	12	7.1	0.00
11/01/2024 21:40	5.2	263	10	6.8	0.00
11/01/2024 21:50	5.8	262	11	7.4	0.00
11/01/2024 22:00	5.1	263	10	7.2	0.00
11/01/2024 22:10	5.9	262	9	7.4	0.00
11/01/2024 22:20	5.6	261	10	7.1	0.00
11/01/2024 22:30	5.3	258	10	7.0	0.00
11/01/2024 22:40	5.2	263	9	6.7	0.00
11/01/2024 22:50	5.6	258	11	7.7	0.00
11/01/2024 23:00	5.9	256	9	7.7	0.00
11/01/2024 23:10	5.9	258	10	7.8	0.00
11/01/2024 23:20	6.0	259	9	7.9	0.00
11/01/2024 23:30	6.0	258	10	7.6	0.00
11/01/2024 23:40	6.0	256	11	7.5	0.00
11/01/2024 23:50	6.4	260	10	8.7	0.00
12/01/2024 00:00	6.2	261	10	8.0	0.00
12/01/2024 00:10	5.6	259	9	7.2	0.00
12/01/2024 00:20	6.2	254	12	8.5	0.00
12/01/2024 00:30	6.0	251	11	7.5	0.00
12/01/2024 00:40	5.5	256	11	7.4	0.00
12/01/2024 00:50	6.1	251	10	8.2	0.00
12/01/2024 01:00	6.7	252	10	8.5	0.00
12/01/2024 01:10	5.5	254	11	8.1	0.00
12/01/2024 01:20	6.1	255	10	8.3	0.00
12/01/2024 01:30	6.1	254	10	7.9	0.00
12/01/2024 01:40	5.9	251	10	8.0	0.00
12/01/2024 01:50	6.1	254	11	7.8	0.00
12/01/2024 02:00	6.4	255	11	8.5	0.00
12/01/2024 02:10	5.8	253	11	7.5	0.00
12/01/2024 02:20	5.8	255	11	7.6	0.00
12/01/2024 02:30	5.6	252	10	7.2	0.00
12/01/2024 02:40	5.4	253	11	7.2	0.00
12/01/2024 02:50	5.3	253	11	7.2	0.00
12/01/2024 03:00	5.4	252	11	7.5	0.00
12/01/2024 03:10	5.5	254	11	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 03:20	5.4	255	11	7.2	0.00
12/01/2024 03:30	5.2	254	12	8.7	0.00
12/01/2024 03:40	5.7	253	11	7.8	0.00
12/01/2024 03:50	5.9	246	13	8.7	0.00
12/01/2024 04:00	5.7	250	11	7.3	0.00
12/01/2024 04:10	5.5	247	12	7.8	0.00
12/01/2024 04:20	5.3	249	12	7.6	0.00
12/01/2024 04:30	5.5	256	11	7.5	0.00
12/01/2024 04:40	5.1	252	13	6.9	0.00
12/01/2024 04:50	5.2	255	11	6.9	0.00
12/01/2024 05:00	4.4	251	12	6.4	0.00
12/01/2024 05:10	4.2	251	12	6.4	0.00
12/01/2024 05:20	3.9	248	12	5.5	0.00
12/01/2024 05:30	4.5	257	11	6.8	0.00
12/01/2024 05:40	4.7	256	12	6.4	0.00
12/01/2024 05:50	3.6	255	11	5.0	0.00
12/01/2024 06:00	4.2	254	10	5.2	0.00
12/01/2024 06:10	3.7	247	13	5.4	0.00
12/01/2024 06:20	4.2	250	9	5.7	0.00
12/01/2024 06:30	3.5	248	13	5.0	0.00
12/01/2024 06:40	3.8	248	12	5.6	0.00
12/01/2024 06:50	3.7	243	12	5.0	0.00
12/01/2024 07:00	3.1	241	13	4.4	0.00
12/01/2024 07:10	3.2	257	12	4.4	0.00
12/01/2024 07:20	3.4	255	12	4.4	0.00
12/01/2024 07:30	3.9	255	11	5.0	0.00
12/01/2024 07:40	4.1	259	12	5.3	0.00
12/01/2024 07:50	3.7	260	12	4.7	0.00
12/01/2024 08:00	4.6	253	11	5.9	0.00
12/01/2024 08:10	4.7	263	11	6.3	0.00
12/01/2024 08:20	5.5	258	12	6.8	0.00
12/01/2024 08:30	5.5	261	12	7.5	0.00
12/01/2024 08:40	5.1	259	12	6.8	0.00
12/01/2024 08:50	5.0	261	11	6.8	0.00
12/01/2024 09:00	5.2	259	11	7.1	0.00
12/01/2024 09:10	4.8	263	14	6.7	0.00
12/01/2024 09:20	5.0	268	15	6.3	0.00
12/01/2024 09:30	5.2	263	13	6.7	0.00
12/01/2024 09:40	5.5	271	15	7.2	0.00
12/01/2024 09:50	6.0	257	12	7.5	0.00
12/01/2024 10:00	6.7	262	10	8.3	0.00
12/01/2024 10:10	6.0	256	11	7.6	0.00
12/01/2024 10:20	6.7	262	11	8.3	0.00
12/01/2024 10:30	6.2	266	11	8.0	0.00
12/01/2024 10:40	5.6	263	14	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 10:50	6.1	259	12	8.1	0.00
12/01/2024 11:00	6.5	262	13	8.0	0.00
12/01/2024 11:10	6.6	261	12	8.7	0.00
12/01/2024 11:20	6.5	261	10	8.3	0.00
12/01/2024 11:30	6.6	262	10	8.1	0.00
12/01/2024 11:40	6.2	261	13	7.9	0.00
12/01/2024 11:50	5.9	261	11	7.6	0.00
12/01/2024 12:00	5.7	258	13	7.1	0.00
12/01/2024 12:10	5.8	264	17	7.4	0.00
12/01/2024 12:20	5.6	255	13	7.0	0.00
12/01/2024 12:30	5.5	256	13	7.2	0.00
12/01/2024 12:40	5.3	256	10	6.9	0.00
12/01/2024 12:50	5.3	247	13	6.9	0.00
12/01/2024 13:00	5.3	251	12	7.0	0.00
12/01/2024 13:10	6.3	257	11	7.6	0.00
12/01/2024 13:20	5.9	257	9	7.2	0.00
12/01/2024 13:30	5.1	260	14	6.4	0.00
12/01/2024 13:40	5.4	257	14	7.1	0.00
12/01/2024 13:50	5.5	260	16	7.2	0.00
12/01/2024 14:00	5.1	260	15	7.2	0.00
12/01/2024 14:10	5.7	257	12	7.2	0.00
12/01/2024 14:20	5.3	261	15	6.9	0.00
12/01/2024 14:30	5.6	256	13	7.7	0.00
12/01/2024 14:40	5.8	260	14	7.5	0.00
12/01/2024 14:50	5.3	262	14	7.0	0.00
12/01/2024 15:00	6.0	265	16	8.1	0.00
12/01/2024 15:10	6.0	259	14	7.9	0.00
12/01/2024 15:20	6.2	261	12	8.2	0.00
12/01/2024 15:30	6.1	258	11	8.3	0.00
12/01/2024 15:40	6.4	254	13	8.7	0.00
12/01/2024 15:50	6.5	257	12	9.1	0.00
12/01/2024 16:00	6.9	257	13	8.9	0.00
12/01/2024 16:10	7.1	261	11	9.2	0.00
12/01/2024 16:20	6.7	256	14	8.9	0.00
12/01/2024 16:30	7.1	258	11	8.9	0.00
12/01/2024 16:40	6.8	261	12	9.1	0.00
12/01/2024 16:50	6.7	253	11	8.9	0.00
12/01/2024 17:00	5.9	251	12	8.0	0.00
12/01/2024 17:10	6.5	254	11	8.3	0.00
12/01/2024 17:20	6.1	260	10	7.8	0.00
12/01/2024 17:30	6.0	261	14	8.0	0.00
12/01/2024 17:40	6.1	260	10	7.9	0.00
12/01/2024 17:50	6.3	260	12	8.0	0.00
12/01/2024 18:00	5.6	263	10	7.9	0.00
12/01/2024 18:10	5.9	261	13	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 18:20	5.6	259	11	7.2	0.00
12/01/2024 18:30	6.3	260	11	7.8	0.00
12/01/2024 18:40	5.8	256	10	8.1	0.00
12/01/2024 18:50	6.1	261	10	7.8	0.00
12/01/2024 19:00	6.0	257	11	7.8	0.00
12/01/2024 19:10	6.3	255	10	8.3	0.00
12/01/2024 19:20	6.2	256	12	8.0	0.00
12/01/2024 19:30	6.4	259	11	8.2	0.00
12/01/2024 19:40	6.4	251	10	8.3	0.00
12/01/2024 19:50	6.0	252	10	8.1	0.00
12/01/2024 20:00	6.4	252	10	8.0	0.00
12/01/2024 20:10	5.8	253	11	8.0	0.00
12/01/2024 20:20	5.8	256	11	7.5	0.00
12/01/2024 20:30	5.6	253	11	7.4	0.00
12/01/2024 20:40	5.8	253	10	7.9	0.00
12/01/2024 20:50	6.0	251	11	7.9	0.00
12/01/2024 21:00	5.4	252	12	7.1	0.00
12/01/2024 21:10	5.6	253	11	7.1	0.00
12/01/2024 21:20	4.7	247	12	6.6	0.00
12/01/2024 21:30	4.5	240	12	6.6	0.00
12/01/2024 21:40	4.8	244	12	7.3	0.00
12/01/2024 21:50	3.2	237	24	4.9	0.00
12/01/2024 22:00	4.5	251	12	5.7	0.00
12/01/2024 22:10	4.1	245	12	5.4	0.00
12/01/2024 22:20	3.7	239	11	5.5	0.00
12/01/2024 22:30	4.3	242	12	5.9	0.00
12/01/2024 22:40	4.2	250	12	5.5	0.00
12/01/2024 22:50	3.9	246	12	5.2	0.00
12/01/2024 23:00	4.0	251	9	5.9	0.00
12/01/2024 23:10	4.6	251	10	6.4	0.00
12/01/2024 23:20	4.1	254	11	5.4	0.00
12/01/2024 23:30	4.3	252	11	6.1	0.00
12/01/2024 23:40	4.8	253	10	6.1	0.00
12/01/2024 23:50	5.0	258	10	6.8	0.00
13/01/2024 00:00	5.5	257	11	7.2	0.00
13/01/2024 00:10	5.1	257	10	6.4	0.00
13/01/2024 00:20	5.2	252	10	6.9	0.00
13/01/2024 00:30	5.1	254	12	6.5	0.00
13/01/2024 00:40	5.6	255	9	7.2	0.00
13/01/2024 00:50	5.0	254	10	6.5	0.00
13/01/2024 01:00	4.7	257	11	6.4	0.00
13/01/2024 01:10	4.7	261	9	6.8	0.00
13/01/2024 01:20	4.5	260	10	6.1	0.00
13/01/2024 01:30	4.8	261	9	6.4	0.00
13/01/2024 01:40	4.5	259	12	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 01:50	5.2	259	10	6.9	0.00
13/01/2024 02:00	6.2	260	10	7.9	0.00
13/01/2024 02:10	5.9	261	9	7.9	0.00
13/01/2024 02:20	5.2	266	12	6.9	0.00
13/01/2024 02:30	4.8	267	12	7.1	0.00
13/01/2024 02:40	4.6	263	11	6.0	0.00
13/01/2024 02:50	4.5	264	11	6.4	0.00
13/01/2024 03:00	4.6	261	10	5.9	0.00
13/01/2024 03:10	4.8	259	10	6.7	0.00
13/01/2024 03:20	5.0	259	11	6.5	0.00
13/01/2024 03:30	5.6	257	10	7.7	0.00
13/01/2024 03:40	5.3	254	10	7.2	0.00
13/01/2024 03:50	5.4	258	10	7.0	0.00
13/01/2024 04:00	5.0	255	12	6.9	0.00
13/01/2024 04:10	5.3	254	11	8.0	0.00
13/01/2024 04:20	5.8	256	11	8.0	0.00
13/01/2024 04:30	5.1	256	12	6.8	0.00
13/01/2024 04:40	4.8	260	11	6.3	0.00
13/01/2024 04:50	4.5	260	11	6.4	0.00
13/01/2024 05:00	4.7	262	9	6.4	0.00
13/01/2024 05:10	4.6	262	10	5.8	0.00
13/01/2024 05:20	4.4	262	10	5.6	0.00
13/01/2024 05:30	4.3	254	10	6.1	0.00
13/01/2024 05:40	4.3	253	10	5.8	0.00
13/01/2024 05:50	4.8	253	11	6.5	0.00
13/01/2024 06:00	5.0	253	10	6.7	0.00
13/01/2024 06:10	4.8	254	11	6.4	0.00
13/01/2024 06:20	3.9	256	13	5.6	0.00
13/01/2024 06:30	4.2	255	12	5.7	0.00
13/01/2024 06:40	4.4	251	12	5.9	0.00
13/01/2024 06:50	4.8	252	10	6.3	0.00
13/01/2024 07:00	5.1	251	12	6.8	0.00
13/01/2024 07:10	5.2	251	11	6.8	0.00
13/01/2024 07:20	5.4	252	12	7.2	0.00
13/01/2024 07:30	5.6	254	10	7.3	0.00
13/01/2024 07:40	5.7	255	13	7.5	0.00
13/01/2024 07:50	5.3	254	12	7.0	0.00
13/01/2024 08:00	5.3	251	11	6.8	0.00
13/01/2024 08:10	5.2	252	12	7.3	0.00
13/01/2024 08:20	5.4	252	13	7.5	0.00
13/01/2024 08:30	6.3	258	11	7.8	0.00
13/01/2024 08:40	6.2	262	11	7.9	0.00
13/01/2024 08:50	6.5	261	12	8.1	0.00
13/01/2024 09:00	7.1	260	11	8.5	0.00
13/01/2024 09:10	6.4	261	10	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 09:20	7.0	265	11	8.9	0.00
13/01/2024 09:30	6.9	264	12	8.7	0.00
13/01/2024 09:40	6.8	263	11	8.8	0.00
13/01/2024 09:50	6.7	261	12	9.1	0.00
13/01/2024 10:00	6.6	267	13	8.7	0.00
13/01/2024 10:10	6.9	262	11	8.7	0.00
13/01/2024 10:20	7.5	262	10	9.4	0.00
13/01/2024 10:30	7.4	261	11	9.5	0.00
13/01/2024 10:40	6.7	264	13	8.7	0.00
13/01/2024 10:50	7.0	263	13	9.1	0.00
13/01/2024 11:00	6.8	260	12	8.5	0.00
13/01/2024 11:10	6.8	262	11	8.6	0.00
13/01/2024 11:20	7.7	261	10	9.5	0.00
13/01/2024 11:30	7.4	263	12	9.6	0.00
13/01/2024 11:40	7.5	261	14	9.3	0.00
13/01/2024 11:50	7.7	262	11	9.8	0.00
13/01/2024 12:00	7.6	260	11	9.9	0.00
13/01/2024 12:10	7.6	258	11	9.5	0.00
13/01/2024 12:20	8.2	262	9	10.0	0.00
13/01/2024 12:30	7.8	265	12	10.1	0.00
13/01/2024 12:40	8.4	264	11	10.9	0.00
13/01/2024 12:50	8.2	263	12	10.9	0.00
13/01/2024 13:00	8.5	263	10	10.3	0.00
13/01/2024 13:10	8.3	259	11	10.5	0.00
13/01/2024 13:20	8.1	259	10	10.7	0.00
13/01/2024 13:30	8.3	262	12	10.7	0.00
13/01/2024 13:40	8.0	262	12	10.2	0.00
13/01/2024 13:50	8.6	260	11	10.4	0.00
13/01/2024 14:00	7.9	258	12	9.9	0.00
13/01/2024 14:10	8.4	257	11	10.9	0.00
13/01/2024 14:20	7.5	260	13	9.5	0.00
13/01/2024 14:30	7.4	263	11	9.5	0.00
13/01/2024 14:40	7.2	259	12	9.9	0.00
13/01/2024 14:50	7.0	260	14	8.9	0.00
13/01/2024 15:00	8.5	265	9	10.6	0.00
13/01/2024 15:10	8.2	262	10	10.5	0.00
13/01/2024 15:20	7.7	264	12	9.9	0.00
13/01/2024 15:30	7.5	263	11	10.1	0.00
13/01/2024 15:40	7.9	264	11	10.0	0.00
13/01/2024 15:50	7.4	262	11	9.5	0.00
13/01/2024 16:00	8.1	263	10	10.5	0.00
13/01/2024 16:10	7.6	259	11	10.1	0.00
13/01/2024 16:20	7.6	265	13	9.8	0.00
13/01/2024 16:30	8.0	261	11	10.1	0.00
13/01/2024 16:40	8.0	264	12	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 16:50	8.1	266	13	10.0	0.00
13/01/2024 17:00	8.1	263	10	10.8	0.00
13/01/2024 17:10	7.9	265	11	10.3	0.00
13/01/2024 17:20	8.4	264	11	11.0	0.00
13/01/2024 17:30	8.2	262	11	10.7	0.00
13/01/2024 17:40	8.0	264	11	10.4	0.00
13/01/2024 17:50	7.0	266	15	9.6	0.00
13/01/2024 18:00	7.4	266	13	9.6	0.00
13/01/2024 18:10	7.4	263	10	9.8	0.00
13/01/2024 18:20	7.3	259	12	10.2	0.00
13/01/2024 18:30	7.4	262	9	9.8	0.00
13/01/2024 18:40	7.8	260	10	10.3	0.00
13/01/2024 18:50	7.4	262	8	9.8	0.00
13/01/2024 19:00	7.9	261	9	10.2	0.00
13/01/2024 19:10	7.6	260	11	10.2	0.00
13/01/2024 19:20	7.7	263	8	9.5	0.00
13/01/2024 19:30	7.3	263	10	9.3	0.00
13/01/2024 19:40	7.4	262	9	9.5	0.00
13/01/2024 19:50	7.4	261	9	9.5	0.00
13/01/2024 20:00	6.8	262	11	9.1	0.00
13/01/2024 20:10	6.6	262	11	8.7	0.00
13/01/2024 20:20	6.1	259	10	8.0	0.00
13/01/2024 20:30	6.1	258	11	8.6	0.00
13/01/2024 20:40	6.5	255	11	9.2	0.00
13/01/2024 20:50	6.4	262	9	8.0	0.00
13/01/2024 21:00	6.4	259	11	8.4	0.00
13/01/2024 21:10	6.5	257	10	8.7	0.00
13/01/2024 21:20	6.0	255	11	8.7	0.00
13/01/2024 21:30	6.8	257	10	9.0	0.00
13/01/2024 21:40	6.8	255	11	9.1	0.00
13/01/2024 21:50	7.0	253	10	8.6	0.00
13/01/2024 22:00	7.7	253	11	9.6	0.00
13/01/2024 22:10	7.1	252	10	8.9	0.00
13/01/2024 22:20	6.8	255	10	8.8	0.00
13/01/2024 22:30	6.9	255	10	9.3	0.00
13/01/2024 22:40	6.9	256	10	8.7	0.00
13/01/2024 22:50	6.8	256	10	9.3	0.00
13/01/2024 23:00	6.2	257	10	8.3	0.00
13/01/2024 23:10	6.2	255	12	8.5	0.00
13/01/2024 23:20	6.6	253	12	8.7	0.00
13/01/2024 23:30	6.6	257	12	9.2	0.00
13/01/2024 23:40	7.2	255	11	9.5	0.00
13/01/2024 23:50	6.7	256	10	9.0	0.00
14/01/2024 00:00	6.6	254	10	8.5	0.00
14/01/2024 00:10	6.6	255	11	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 00:20	6.1	256	12	8.3	0.00
14/01/2024 00:30	5.4	259	10	7.8	0.00
14/01/2024 00:40	5.1	258	12	7.0	0.00
14/01/2024 00:50	5.8	262	10	8.3	0.00
14/01/2024 01:00	6.0	260	10	8.2	0.00
14/01/2024 01:10	5.6	258	11	7.9	0.00
14/01/2024 01:20	5.7	260	12	7.9	0.00
14/01/2024 01:30	6.0	261	12	8.3	0.00
14/01/2024 01:40	5.9	259	11	8.0	0.00
14/01/2024 01:50	5.9	263	10	7.5	0.00
14/01/2024 02:00	5.7	261	11	7.9	0.00
14/01/2024 02:10	5.9	261	10	8.2	0.00
14/01/2024 02:20	6.4	261	12	8.7	0.00
14/01/2024 02:30	5.9	258	11	7.9	0.00
14/01/2024 02:40	6.6	256	11	8.8	0.00
14/01/2024 02:50	6.5	255	12	8.9	0.00
14/01/2024 03:00	7.5	255	11	9.9	0.00
14/01/2024 03:10	7.1	254	10	9.2	0.00
14/01/2024 03:20	7.0	256	10	9.8	0.00
14/01/2024 03:30	6.2	253	10	8.5	0.00
14/01/2024 03:40	6.6	253	10	8.9	0.00
14/01/2024 03:50	7.1	255	10	9.7	0.00
14/01/2024 04:00	7.2	257	12	9.5	0.00
14/01/2024 04:10	6.2	254	10	8.9	0.00
14/01/2024 04:20	6.9	257	11	9.4	0.00
14/01/2024 04:30	7.3	257	11	9.8	0.00
14/01/2024 04:40	6.5	252	11	8.5	0.00
14/01/2024 04:50	6.9	251	12	9.4	0.00
14/01/2024 05:00	6.6	253	11	9.1	0.00
14/01/2024 05:10	7.2	252	11	8.9	0.00
14/01/2024 05:20	6.3	255	12	8.8	0.00
14/01/2024 05:30	6.2	252	11	8.2	0.00
14/01/2024 05:40	6.9	255	9	9.5	0.00
14/01/2024 05:50	6.7	253	11	8.9	0.00
14/01/2024 06:00	7.2	255	10	9.5	0.00
14/01/2024 06:10	6.6	255	10	8.7	0.00
14/01/2024 06:20	6.7	253	10	9.2	0.00
14/01/2024 06:30	6.8	255	11	8.8	0.00
14/01/2024 06:40	7.5	257	11	9.9	0.00
14/01/2024 06:50	6.5	253	10	8.9	0.00
14/01/2024 07:00	6.3	254	11	8.7	0.00
14/01/2024 07:10	6.8	253	10	8.7	0.00
14/01/2024 07:20	5.9	258	12	7.6	0.00
14/01/2024 07:30	6.1	251	11	8.2	0.00
14/01/2024 07:40	6.5	252	12	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 07:50	6.4	252	12	8.7	0.00
14/01/2024 08:00	6.7	252	14	8.9	0.00
14/01/2024 08:10	6.9	256	12	10.2	0.00
14/01/2024 08:20	6.7	255	11	9.0	0.00
14/01/2024 08:30	7.0	256	12	8.8	0.00
14/01/2024 08:40	7.3	252	12	9.1	0.00
14/01/2024 08:50	7.0	259	12	10.1	0.00
14/01/2024 09:00	7.8	262	10	10.0	0.00
14/01/2024 09:10	7.1	257	13	9.4	0.00
14/01/2024 09:20	7.7	259	12	10.2	0.00
14/01/2024 09:30	8.0	260	12	10.5	0.00
14/01/2024 09:40	7.8	259	11	10.1	0.00
14/01/2024 09:50	8.8	259	10	11.1	0.00
14/01/2024 10:00	8.1	260	11	10.1	0.00
14/01/2024 10:10	8.2	259	10	11.0	0.00
14/01/2024 10:20	8.6	262	11	11.1	0.00
14/01/2024 10:30	8.8	259	12	11.1	0.00
14/01/2024 10:40	8.6	257	12	11.6	0.00
14/01/2024 10:50	8.5	264	11	10.7	0.00
14/01/2024 11:00	9.1	263	11	11.7	0.00
14/01/2024 11:10	9.0	259	12	11.9	0.00
14/01/2024 11:20	8.0	262	11	10.7	0.00
14/01/2024 11:30	9.3	263	11	12.0	0.00
14/01/2024 11:40	9.8	260	11	11.7	0.00
14/01/2024 11:50	9.0	264	11	11.8	0.00
14/01/2024 12:00	9.3	263	13	11.3	0.00
14/01/2024 12:10	9.6	263	10	12.3	0.00
14/01/2024 12:20	8.9	264	10	11.9	0.00
14/01/2024 12:30	9.0	262	11	11.5	0.00
14/01/2024 12:40	8.5	263	11	11.9	0.00
14/01/2024 12:50	9.0	266	12	12.2	0.00
14/01/2024 13:00	9.0	264	13	11.5	0.00
14/01/2024 13:10	8.7	266	14	11.5	0.00
14/01/2024 13:20	9.4	262	11	12.7	0.00
14/01/2024 13:30	9.6	262	11	12.4	0.00
14/01/2024 13:40	9.9	264	10	12.7	0.00
14/01/2024 13:50	9.6	261	10	12.3	0.00
14/01/2024 14:00	10.0	261	10	12.4	0.00
14/01/2024 14:10	9.0	261	10	11.9	0.00
14/01/2024 14:20	8.7	259	11	11.2	0.00
14/01/2024 14:30	9.0	262	10	12.2	0.00
14/01/2024 14:40	9.1	261	10	11.9	0.00
14/01/2024 14:50	8.0	261	12	10.6	0.00
14/01/2024 15:00	8.1	264	11	11.0	0.00
14/01/2024 15:10	9.0	265	11	11.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 15:20	8.6	260	11	10.9	0.00
14/01/2024 15:30	8.3	261	12	11.9	0.00
14/01/2024 15:40	9.4	263	12	12.0	0.00
14/01/2024 15:50	8.8	265	12	11.7	0.00
14/01/2024 16:00	9.3	260	11	12.5	0.00
14/01/2024 16:10	9.6	262	12	11.8	0.00
14/01/2024 16:20	9.6	264	10	13.1	0.00
14/01/2024 16:30	9.8	260	11	13.1	0.00
14/01/2024 16:40	9.4	261	10	12.3	0.00
14/01/2024 16:50	9.2	262	10	12.6	0.00
14/01/2024 17:00	9.1	263	11	11.9	0.00
14/01/2024 17:10	9.9	261	10	12.3	0.00
14/01/2024 17:20	9.8	264	10	12.3	0.00
14/01/2024 17:30	8.6	261	11	11.8	0.00
14/01/2024 17:40	8.3	257	10	11.4	0.00
14/01/2024 17:50	9.3	262	10	11.4	0.00
14/01/2024 18:00	8.6	262	11	11.0	0.00
14/01/2024 18:10	9.0	262	11	11.9	0.00
14/01/2024 18:20	8.4	259	11	11.4	0.00
14/01/2024 18:30	9.2	262	9	11.9	0.00
14/01/2024 18:40	9.4	262	10	12.6	0.00
14/01/2024 18:50	9.2	262	10	12.2	0.00
14/01/2024 19:00	9.3	261	9	11.8	0.00
14/01/2024 19:10	8.5	264	10	10.8	0.00
14/01/2024 19:20	8.6	261	9	11.9	0.00
14/01/2024 19:30	8.4	262	11	11.3	0.00
14/01/2024 19:40	8.9	262	10	11.2	0.00
14/01/2024 19:50	8.1	262	11	11.0	0.00
14/01/2024 20:00	7.5	260	12	10.2	0.00
14/01/2024 20:10	7.2	260	10	9.9	0.00
14/01/2024 20:20	8.0	259	11	10.9	0.00
14/01/2024 20:30	7.4	261	11	9.2	0.00
14/01/2024 20:40	6.8	261	12	9.2	0.00
14/01/2024 20:50	7.8	261	11	10.0	0.00
14/01/2024 21:00	7.6	260	10	10.1	0.00
14/01/2024 21:10	6.9	259	11	9.7	0.00
14/01/2024 21:20	7.3	259	10	9.6	0.00
14/01/2024 21:30	8.1	260	11	10.3	0.00
14/01/2024 21:40	7.6	263	12	9.8	0.00
14/01/2024 21:50	7.6	261	12	10.2	0.00
14/01/2024 22:00	7.0	260	10	9.4	0.00
14/01/2024 22:10	7.7	262	12	10.3	0.00
14/01/2024 22:20	7.0	260	11	9.7	0.00
14/01/2024 22:30	6.9	257	11	9.5	0.00
14/01/2024 22:40	6.2	254	11	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 22:50	7.0	260	9	9.2	0.00
14/01/2024 23:00	6.7	259	11	9.1	0.00
14/01/2024 23:10	7.4	261	10	9.9	0.00
14/01/2024 23:20	7.3	258	10	9.9	0.00
14/01/2024 23:30	6.8	260	11	10.2	0.00
14/01/2024 23:40	6.9	257	12	9.0	0.00
14/01/2024 23:50	6.0	256	12	8.3	0.00
15/01/2024 00:00	6.3	254	11	8.8	0.00
15/01/2024 00:10	5.0	257	11	7.8	0.00
15/01/2024 00:20	6.2	259	12	8.5	0.00
15/01/2024 00:30	7.8	262	9	10.3	0.00
15/01/2024 00:40	6.8	258	12	9.6	0.00
15/01/2024 00:50	6.8	261	11	9.4	0.00
15/01/2024 01:00	7.3	261	11	9.5	0.00
15/01/2024 01:10	7.3	260	10	9.3	0.00
15/01/2024 01:20	7.8	260	10	9.6	0.00
15/01/2024 01:30	6.7	259	10	9.1	0.00
15/01/2024 01:40	7.1	262	9	9.2	0.00
15/01/2024 01:50	7.0	256	10	9.5	0.00
15/01/2024 02:00	6.2	252	11	8.1	0.00
15/01/2024 02:10	6.3	251	11	8.9	0.00
15/01/2024 02:20	6.4	256	10	8.5	0.00
15/01/2024 02:30	6.7	253	11	9.3	0.00
15/01/2024 02:40	6.4	256	12	8.3	0.00
15/01/2024 02:50	6.6	256	12	9.8	0.00
15/01/2024 03:00	5.7	259	10	7.9	0.00
15/01/2024 03:10	4.9	258	10	7.2	0.00
15/01/2024 03:20	5.9	256	12	7.5	0.00
15/01/2024 03:30	6.1	254	10	7.9	0.00
15/01/2024 03:40	6.2	253	10	9.1	0.00
15/01/2024 03:50	6.3	256	9	8.2	0.00
15/01/2024 04:00	5.3	254	12	7.1	0.00
15/01/2024 04:10	5.5	253	11	7.6	0.00
15/01/2024 04:20	5.7	255	11	7.7	0.00
15/01/2024 04:30	5.5	253	11	7.9	0.00
15/01/2024 04:40	6.5	253	10	8.3	0.00
15/01/2024 04:50	5.7	251	12	7.9	0.00
15/01/2024 05:00	5.3	254	10	6.9	0.00
15/01/2024 05:10	4.3	251	12	6.0	0.00
15/01/2024 05:20	4.1	249	13	6.1	0.00
15/01/2024 05:30	4.1	249	12	5.9	0.00
15/01/2024 05:40	4.3	253	12	5.6	0.00
15/01/2024 05:50	4.7	249	11	7.0	0.00
15/01/2024 06:00	4.7	255	10	6.5	0.00
15/01/2024 06:10	5.5	256	10	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 06:20	5.6	251	13	7.8	0.00
15/01/2024 06:30	5.0	249	12	7.2	0.00
15/01/2024 06:40	4.8	246	12	7.1	0.00
15/01/2024 06:50	5.0	251	12	6.3	0.00
15/01/2024 07:00	5.4	248	13	7.4	0.00
15/01/2024 07:10	4.6	247	14	7.0	0.00
15/01/2024 07:20	5.1	253	12	7.1	0.00
15/01/2024 07:30	6.0	255	11	8.0	0.00
15/01/2024 07:40	5.4	251	11	7.4	0.00
15/01/2024 07:50	5.9	254	11	7.6	0.00
15/01/2024 08:00	6.0	257	11	8.5	0.00
15/01/2024 08:10	6.1	254	11	8.3	0.00
15/01/2024 08:20	5.8	253	12	7.8	0.00
15/01/2024 08:30	6.6	255	11	8.3	0.00
15/01/2024 08:40	6.7	256	11	8.7	0.00
15/01/2024 08:50	6.2	257	13	8.2	0.00
15/01/2024 09:00	6.4	254	13	8.3	0.00
15/01/2024 09:10	6.1	254	12	8.0	0.00
15/01/2024 09:20	5.8	255	12	7.5	0.00
15/01/2024 09:30	5.8	258	12	7.6	0.00
15/01/2024 09:40	5.6	263	14	7.4	0.00
15/01/2024 09:50	6.0	262	11	7.7	0.00
15/01/2024 10:00	6.2	260	10	8.3	0.00
15/01/2024 10:10	6.5	261	12	8.4	0.00
15/01/2024 10:20	6.4	262	11	8.3	0.00
15/01/2024 10:30	6.3	262	12	8.5	0.00
15/01/2024 10:40	6.4	268	13	8.6	0.00
15/01/2024 10:50	6.7	258	11	8.8	0.00
15/01/2024 11:00	6.6	263	14	7.9	0.00
15/01/2024 11:10	6.9	264	12	8.9	0.00
15/01/2024 11:20	6.2	259	13	8.5	0.00
15/01/2024 11:30	6.7	261	13	8.3	0.00
15/01/2024 11:40	7.1	254	13	8.9	0.00
15/01/2024 11:50	7.2	254	12	9.3	0.00
15/01/2024 12:00	8.0	256	12	10.6	0.00
15/01/2024 12:10	7.6	263	14	9.3	0.00
15/01/2024 12:20	8.1	261	10	10.3	0.00
15/01/2024 12:30	7.4	265	13	10.3	0.00
15/01/2024 12:40	7.5	258	11	9.3	0.00
15/01/2024 12:50	7.1	264	15	9.7	0.00
15/01/2024 13:00	7.4	255	13	10.2	0.00
15/01/2024 13:10	7.2	258	13	9.7	0.00
15/01/2024 13:20	7.4	254	12	10.0	0.00
15/01/2024 13:30	8.0	256	12	10.0	0.00
15/01/2024 13:40	8.1	255	12	10.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 13:50	7.6	260	13	10.0	0.00
15/01/2024 14:00	8.0	253	11	10.3	0.00
15/01/2024 14:10	7.7	258	15	10.3	0.00
15/01/2024 14:20	8.0	256	12	10.3	0.00
15/01/2024 14:30	8.0	260	12	10.5	0.00
15/01/2024 14:40	7.9	252	11	10.3	0.00
15/01/2024 14:50	7.8	257	12	9.9	0.00
15/01/2024 15:00	7.9	257	11	10.4	0.00
15/01/2024 15:10	8.2	259	13	10.6	0.00
15/01/2024 15:20	8.0	255	12	11.3	0.00
15/01/2024 15:30	8.4	253	12	11.5	0.00
15/01/2024 15:40	8.3	260	10	11.4	0.00
15/01/2024 15:50	8.3	261	11	11.3	0.00
15/01/2024 16:00	8.1	258	13	11.1	0.00
15/01/2024 16:10	7.8	260	12	11.1	0.00
15/01/2024 16:20	7.6	257	13	10.6	0.00
15/01/2024 16:30	8.1	261	11	10.9	0.00
15/01/2024 16:40	7.3	256	11	10.0	0.00
15/01/2024 16:50	7.8	258	11	11.1	0.00
15/01/2024 17:00	7.6	260	12	10.4	0.00
15/01/2024 17:10	7.6	259	12	10.3	0.00
15/01/2024 17:20	7.8	256	11	10.3	0.00
15/01/2024 17:30	8.1	262	11	11.7	0.00
15/01/2024 17:40	8.4	261	12	10.5	0.00
15/01/2024 17:50	7.7	261	10	10.4	0.00
15/01/2024 18:00	7.8	262	11	9.9	0.00
15/01/2024 18:10	7.8	261	10	10.3	0.00
15/01/2024 18:20	7.7	262	11	10.7	0.00
15/01/2024 18:30	7.6	261	11	10.3	0.00
15/01/2024 18:40	6.8	259	12	8.7	0.00
15/01/2024 18:50	7.3	257	12	10.1	0.00
15/01/2024 19:00	7.1	257	12	9.6	0.00
15/01/2024 19:10	7.0	256	11	9.6	0.00
15/01/2024 19:20	6.8	261	10	8.7	0.00
15/01/2024 19:30	7.3	259	12	9.6	0.00
15/01/2024 19:40	7.7	258	9	9.9	0.00
15/01/2024 19:50	7.9	262	11	10.1	0.00
15/01/2024 20:00	7.1	261	11	9.1	0.00
15/01/2024 20:10	7.1	261	10	9.5	0.00
15/01/2024 20:20	7.2	262	9	8.9	0.00
15/01/2024 20:30	7.2	261	11	9.7	0.00
15/01/2024 20:40	7.2	261	9	9.9	0.00
15/01/2024 20:50	7.0	260	10	9.1	0.00
15/01/2024 21:00	7.2	261	10	9.4	0.00
15/01/2024 21:10	6.9	263	10	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 21:20	7.0	260	10	9.1	0.00
15/01/2024 21:30	6.8	261	10	8.8	0.00
15/01/2024 21:40	7.0	262	9	8.7	0.00
15/01/2024 21:50	6.5	258	12	8.7	0.00
15/01/2024 22:00	6.2	260	13	8.7	0.00
15/01/2024 22:10	5.7	259	10	8.5	0.00
15/01/2024 22:20	5.9	261	10	7.8	0.00
15/01/2024 22:30	5.6	261	11	7.7	0.00
15/01/2024 22:40	5.1	258	11	6.6	0.00
15/01/2024 22:50	5.1	258	11	6.9	0.00
15/01/2024 23:00	5.2	255	12	7.6	0.00
15/01/2024 23:10	5.8	257	11	7.7	0.00
15/01/2024 23:20	4.8	256	12	7.4	0.00
15/01/2024 23:30	4.1	252	11	5.6	0.00
15/01/2024 23:40	5.2	249	11	7.3	0.00
15/01/2024 23:50	5.3	251	12	7.0	0.00
16/01/2024 00:00	5.6	254	10	7.2	0.00
16/01/2024 00:10	4.7	254	11	6.8	0.00
16/01/2024 00:20	5.6	259	10	7.4	0.00
16/01/2024 00:30	5.0	267	12	6.7	0.00
16/01/2024 00:40	4.3	268	13	5.6	0.00
16/01/2024 00:50	4.5	265	12	6.1	0.00
16/01/2024 01:00	5.3	262	11	7.5	0.00
16/01/2024 01:10	5.6	261	10	7.5	0.00
16/01/2024 01:20	6.0	262	11	7.9	0.00
16/01/2024 01:30	6.2	262	9	8.3	0.00
16/01/2024 01:40	6.2	262	10	8.0	0.00
16/01/2024 01:50	6.8	261	10	8.7	0.00
16/01/2024 02:00	6.9	262	9	9.1	0.00
16/01/2024 02:10	7.2	261	10	9.3	0.00
16/01/2024 02:20	6.8	262	11	9.0	0.00
16/01/2024 02:30	7.2	263	9	9.6	0.00
16/01/2024 02:40	7.2	259	9	9.2	0.00
16/01/2024 02:50	8.1	262	9	10.4	0.00
16/01/2024 03:00	7.9	263	10	10.1	0.00
16/01/2024 03:10	7.7	262	10	9.4	0.00
16/01/2024 03:20	7.1	263	9	9.4	0.00
16/01/2024 03:30	7.1	260	10	9.5	0.00
16/01/2024 03:40	6.9	262	10	9.0	0.00
16/01/2024 03:50	6.5	262	10	9.1	0.00
16/01/2024 04:00	7.0	264	10	9.5	0.00
16/01/2024 04:10	7.2	261	10	9.8	0.00
16/01/2024 04:20	7.6	261	12	9.9	0.00
16/01/2024 04:30	7.4	262	12	9.8	0.00
16/01/2024 04:40	7.5	261	11	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 04:50	7.8	261	8	9.9	0.00
16/01/2024 05:00	7.6	260	10	10.0	0.00
16/01/2024 05:10	7.3	262	11	10.0	0.00
16/01/2024 05:20	6.9	259	11	9.5	0.00
16/01/2024 05:30	7.0	256	11	9.7	0.00
16/01/2024 05:40	6.8	257	12	9.0	0.00
16/01/2024 05:50	6.6	255	11	8.8	0.00
16/01/2024 06:00	6.6	255	11	9.2	0.00
16/01/2024 06:10	7.0	256	10	9.3	0.00
16/01/2024 06:20	7.2	254	13	9.4	0.00
16/01/2024 06:30	6.9	261	12	9.4	0.00
16/01/2024 06:40	7.1	252	11	10.2	0.00
16/01/2024 06:50	7.0	252	12	9.7	0.00
16/01/2024 07:00	7.3	252	10	9.4	0.00
16/01/2024 07:10	8.0	253	9	10.3	0.00
16/01/2024 07:20	7.2	257	12	9.2	0.00
16/01/2024 07:30	7.4	255	12	10.0	0.00
16/01/2024 07:40	7.1	256	12	9.8	0.00
16/01/2024 07:50	7.4	255	11	10.1	0.00
16/01/2024 08:00	6.9	254	12	9.2	0.00
16/01/2024 08:10	7.0	253	12	9.5	0.00
16/01/2024 08:20	6.9	255	12	9.2	0.00
16/01/2024 08:30	7.2	259	12	9.5	0.00
16/01/2024 08:40	7.3	258	12	10.1	0.00
16/01/2024 08:50	7.4	258	10	10.5	0.00
16/01/2024 09:00	7.7	256	11	10.0	0.00
16/01/2024 09:10	7.4	261	14	10.1	0.00
16/01/2024 09:20	8.1	262	11	9.9	0.00
16/01/2024 09:30	8.0	260	12	10.3	0.00
16/01/2024 09:40	8.2	260	12	11.2	0.00
16/01/2024 09:50	8.0	257	13	11.3	0.00
16/01/2024 10:00	8.4	257	11	11.4	0.00
16/01/2024 10:10	8.6	262	11	11.2	0.00
16/01/2024 10:20	8.5	255	12	11.3	0.00
16/01/2024 10:30	8.8	257	11	11.9	0.00
16/01/2024 10:40	8.0	259	14	10.9	0.00
16/01/2024 10:50	9.2	261	10	12.3	0.00
16/01/2024 11:00	8.0	258	10	11.3	0.00
16/01/2024 11:10	8.5	264	11	11.9	0.00
16/01/2024 11:20	8.7	259	12	11.1	0.00
16/01/2024 11:30	8.8	262	12	11.5	0.00
16/01/2024 11:40	8.8	259	12	11.5	0.00
16/01/2024 11:50	9.1	260	11	12.0	0.00
16/01/2024 12:00	9.2	261	10	11.4	0.00
16/01/2024 12:10	9.0	266	11	12.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 12:20	9.7	262	11	12.3	0.00
16/01/2024 12:30	9.1	264	11	11.7	0.00
16/01/2024 12:40	9.4	263	12	12.3	0.00
16/01/2024 12:50	9.2	264	12	12.1	0.00
16/01/2024 13:00	9.2	261	11	12.4	0.00
16/01/2024 13:10	9.8	263	10	12.7	0.00
16/01/2024 13:20	8.9	262	10	11.9	0.00
16/01/2024 13:30	9.1	264	12	12.0	0.00
16/01/2024 13:40	9.6	261	11	12.6	0.00
16/01/2024 13:50	10.0	263	9	12.6	0.00
16/01/2024 14:00	9.9	261	11	13.3	0.00
16/01/2024 14:10	9.7	262	9	12.6	0.00
16/01/2024 14:20	9.7	265	10	12.7	0.00
16/01/2024 14:30	10.1	263	10	13.5	0.00
16/01/2024 14:40	9.8	262	9	12.0	0.00
16/01/2024 14:50	9.7	259	11	12.7	0.00
16/01/2024 15:00	9.5	265	12	12.8	0.00
16/01/2024 15:10	10.0	263	11	12.9	0.00
16/01/2024 15:20	9.4	264	11	13.0	0.00
16/01/2024 15:30	9.7	263	13	12.2	0.00
16/01/2024 15:40	10.1	260	10	12.2	0.00
16/01/2024 15:50	9.2	259	11	11.8	0.00
16/01/2024 16:00	9.8	261	11	12.5	0.00
16/01/2024 16:10	9.8	261	11	13.0	0.00
16/01/2024 16:20	10.1	261	10	12.3	0.00
16/01/2024 16:30	9.3	262	12	11.5	0.00
16/01/2024 16:40	10.1	263	9	13.5	0.00
16/01/2024 16:50	9.6	263	10	12.3	0.00
16/01/2024 17:00	9.6	263	10	12.8	0.00
16/01/2024 17:10	8.4	261	10	11.0	0.00
16/01/2024 17:20	8.4	263	11	11.5	0.00
16/01/2024 17:30	9.0	262	10	11.9	0.00
16/01/2024 17:40	8.4	262	11	11.8	0.00
16/01/2024 17:50	8.8	262	11	11.3	0.00
16/01/2024 18:00	9.4	261	12	12.5	0.00
16/01/2024 18:10	8.9	261	11	11.5	0.00
16/01/2024 18:20	8.9	260	11	12.1	0.00
16/01/2024 18:30	9.3	260	9	12.3	0.00
16/01/2024 18:40	9.3	263	10	11.5	0.00
16/01/2024 18:50	9.2	261	9	12.1	0.00
16/01/2024 19:00	9.0	260	10	12.3	0.00
16/01/2024 19:10	7.9	258	11	11.0	0.00
16/01/2024 19:20	7.4	260	10	10.7	0.00
16/01/2024 19:30	8.1	263	10	10.8	0.00
16/01/2024 19:40	8.5	263	10	10.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 19:50	7.7	261	11	11.1	0.00
16/01/2024 20:00	7.3	260	10	10.3	0.00
16/01/2024 20:10	7.8	259	10	10.8	0.00
16/01/2024 20:20	8.5	262	10	10.6	0.00
16/01/2024 20:30	8.8	263	9	11.4	0.00
16/01/2024 20:40	8.5	255	10	11.4	0.00
16/01/2024 20:50	8.0	258	10	10.2	0.00
16/01/2024 21:00	8.9	263	10	11.0	0.00
16/01/2024 21:10	8.0	259	11	10.8	0.00
16/01/2024 21:20	7.7	263	10	9.5	0.00
16/01/2024 21:30	7.6	260	11	9.9	0.00
16/01/2024 21:40	7.9	261	10	10.3	0.00
16/01/2024 21:50	8.3	261	9	11.1	0.00
16/01/2024 22:00	7.7	265	10	9.8	0.00
16/01/2024 22:10	7.6	265	11	10.7	0.00
16/01/2024 22:20	7.5	262	9	10.1	0.00
16/01/2024 22:30	7.7	262	10	10.3	0.00
16/01/2024 22:40	7.3	263	11	9.1	0.00
16/01/2024 22:50	7.3	260	10	9.8	0.00
16/01/2024 23:00	7.1	261	10	8.9	0.00
16/01/2024 23:10	6.7	261	10	9.1	0.00
16/01/2024 23:20	7.4	261	10	10.3	0.00
16/01/2024 23:30	7.5	261	11	9.9	0.00
16/01/2024 23:40	7.3	261	10	9.2	0.00
16/01/2024 23:50	7.6	259	10	9.8	0.00
17/01/2024 00:00	8.0	260	11	9.8	0.00
17/01/2024 00:10	7.7	260	10	9.9	0.00
17/01/2024 00:20	7.1	258	11	9.6	0.00
17/01/2024 00:30	8.2	258	10	10.7	0.00
17/01/2024 00:40	7.1	258	11	9.2	0.00
17/01/2024 00:50	7.6	257	11	10.9	0.00
17/01/2024 01:00	6.8	259	12	9.1	0.00
17/01/2024 01:10	7.8	262	10	9.8	0.00
17/01/2024 01:20	7.8	265	8	10.5	0.00
17/01/2024 01:30	7.6	260	9	10.1	0.00
17/01/2024 01:40	7.3	262	10	9.5	0.00
17/01/2024 01:50	7.7	262	9	9.7	0.00
17/01/2024 02:00	7.6	263	10	10.3	0.00
17/01/2024 02:10	7.0	260	11	9.4	0.00
17/01/2024 02:20	7.0	259	11	9.5	0.00
17/01/2024 02:30	7.2	259	11	9.9	0.00
17/01/2024 02:40	7.6	260	11	10.1	0.00
17/01/2024 02:50	7.2	255	9	10.0	0.00
17/01/2024 03:00	7.6	258	10	10.0	0.00
17/01/2024 03:10	7.4	258	13	10.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 03:20	7.2	259	11	10.1	0.00
17/01/2024 03:30	7.2	260	9	9.5	0.00
17/01/2024 03:40	7.5	263	11	9.5	0.00
17/01/2024 03:50	6.9	261	11	9.5	0.00
17/01/2024 04:00	7.4	258	11	9.7	0.00
17/01/2024 04:10	7.0	258	11	9.5	0.00
17/01/2024 04:20	6.9	256	11	9.3	0.00
17/01/2024 04:30	7.2	255	10	10.6	0.00
17/01/2024 04:40	7.3	256	11	9.9	0.00
17/01/2024 04:50	7.3	260	12	10.8	0.00
17/01/2024 05:00	7.9	256	9	10.9	0.00
17/01/2024 05:10	7.7	252	11	10.4	0.00
17/01/2024 05:20	7.8	257	10	10.6	0.00
17/01/2024 05:30	7.2	256	11	9.1	0.00
17/01/2024 05:40	6.4	260	11	9.2	0.00
17/01/2024 05:50	6.7	254	11	8.9	0.00
17/01/2024 06:00	7.4	253	10	9.6	0.00
17/01/2024 06:10	7.5	254	9	9.4	0.00
17/01/2024 06:20	6.8	253	12	9.2	0.00
17/01/2024 06:30	6.7	258	11	8.9	0.00
17/01/2024 06:40	6.3	261	11	8.6	0.00
17/01/2024 06:50	6.8	261	12	9.1	0.00
17/01/2024 07:00	7.1	260	11	9.1	0.00
17/01/2024 07:10	7.6	264	9	9.6	0.00
17/01/2024 07:20	7.8	260	10	9.5	0.00
17/01/2024 07:30	7.3	263	10	9.5	0.00
17/01/2024 07:40	7.6	258	11	10.4	0.00
17/01/2024 07:50	8.0	257	10	10.1	0.00
17/01/2024 08:00	8.2	259	11	11.8	0.00
17/01/2024 08:10	8.3	254	11	11.4	0.00
17/01/2024 08:20	8.5	259	11	11.2	0.00
17/01/2024 08:30	8.1	260	12	10.3	0.00
17/01/2024 08:40	8.4	260	11	10.9	0.00
17/01/2024 08:50	8.7	262	11	11.0	0.00
17/01/2024 09:00	8.5	259	12	11.5	0.00
17/01/2024 09:10	8.7	258	12	12.2	0.00
17/01/2024 09:20	8.5	258	13	11.5	0.00
17/01/2024 09:30	8.4	258	11	11.3	0.00
17/01/2024 09:40	8.3	255	13	11.0	0.00
17/01/2024 09:50	9.3	254	11	11.6	0.00
17/01/2024 10:00	8.7	256	10	11.5	0.00
17/01/2024 10:10	8.0	258	12	11.1	0.00
17/01/2024 10:20	8.9	260	10	11.6	0.00
17/01/2024 10:30	8.6	258	11	10.9	0.00
17/01/2024 10:40	8.5	259	11	10.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 10:50	8.3	260	12	10.6	0.00
17/01/2024 11:00	8.2	258	13	10.8	0.00
17/01/2024 11:10	7.5	259	13	9.8	0.00
17/01/2024 11:20	8.0	265	12	11.7	0.00
17/01/2024 11:30	8.9	263	12	11.4	0.00
17/01/2024 11:40	8.8	263	10	11.9	0.00
17/01/2024 11:50	8.6	267	13	11.5	0.00
17/01/2024 12:00	9.0	269	13	11.5	0.00
17/01/2024 12:10	8.9	267	14	11.8	0.00
17/01/2024 12:20	9.6	263	12	12.3	0.00
17/01/2024 12:30	9.0	260	10	11.5	0.00
17/01/2024 12:40	9.4	263	12	12.5	0.00
17/01/2024 12:50	9.3	266	12	12.7	0.00
17/01/2024 13:00	9.2	262	12	11.7	0.00
17/01/2024 13:10	9.1	261	13	11.7	0.00
17/01/2024 13:20	9.9	262	10	12.6	0.00
17/01/2024 13:30	10.2	263	9	13.4	0.00
17/01/2024 13:40	9.2	261	12	11.8	0.00
17/01/2024 13:50	9.1	263	10	12.7	0.00
17/01/2024 14:00	9.8	263	10	12.5	0.00
17/01/2024 14:10	8.5	265	14	12.0	0.00
17/01/2024 14:20	9.2	263	11	11.8	0.00
17/01/2024 14:30	8.1	263	11	11.8	0.00
17/01/2024 14:40	8.1	265	13	10.3	0.00
17/01/2024 14:50	7.7	260	10	10.6	0.00
17/01/2024 15:00	8.3	261	10	10.5	0.00
17/01/2024 15:10	7.9	263	12	10.3	0.00
17/01/2024 15:20	7.8	261	11	10.0	0.00
17/01/2024 15:30	8.1	267	13	10.9	0.00
17/01/2024 15:40	8.4	261	11	11.0	0.00
17/01/2024 15:50	8.0	264	10	10.7	0.00
17/01/2024 16:00	8.3	266	13	10.8	0.00
17/01/2024 16:10	8.2	262	13	10.6	0.00
17/01/2024 16:20	8.6	262	11	11.3	0.00
17/01/2024 16:30	7.6	263	11	10.2	0.00
17/01/2024 16:40	7.5	266	12	10.3	0.00
17/01/2024 16:50	6.9	264	12	9.0	0.00
17/01/2024 17:00	7.7	264	11	10.1	0.00
17/01/2024 17:10	6.3	272	14	8.7	0.00
17/01/2024 17:20	6.0	288	16	8.3	0.00
17/01/2024 17:30	6.4	285	15	9.2	0.00
17/01/2024 17:40	5.9	287	15	9.0	0.00
17/01/2024 17:50	5.8	287	14	8.4	0.00
17/01/2024 18:00	5.7	284	16	8.1	0.00
17/01/2024 18:10	5.9	282	16	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 18:20	5.6	287	15	7.7	0.00
17/01/2024 18:30	5.4	288	13	7.6	0.00
17/01/2024 18:40	5.3	287	16	7.5	0.00
17/01/2024 18:50	5.0	283	18	6.8	0.00
17/01/2024 19:00	5.1	285	17	7.5	0.00
17/01/2024 19:10	5.9	274	14	8.0	0.00
17/01/2024 19:20	4.7	270	16	7.4	0.00
17/01/2024 19:30	5.6	274	14	7.5	0.00
17/01/2024 19:40	4.9	268	14	7.3	0.00
17/01/2024 19:50	5.4	272	15	8.6	0.00
17/01/2024 20:00	6.4	266	13	8.9	0.00
17/01/2024 20:10	6.7	260	11	8.5	0.00
17/01/2024 20:20	7.0	260	11	9.4	0.00
17/01/2024 20:30	6.3	262	11	8.1	0.00
17/01/2024 20:40	6.3	261	11	8.3	0.00
17/01/2024 20:50	6.5	259	11	8.4	0.00
17/01/2024 21:00	6.7	264	11	9.6	0.00
17/01/2024 21:10	6.9	266	12	9.5	0.00
17/01/2024 21:20	6.8	263	11	9.3	0.00
17/01/2024 21:30	6.8	265	12	8.7	0.00
17/01/2024 21:40	6.8	263	12	9.1	0.00
17/01/2024 21:50	6.4	266	12	9.8	0.00
17/01/2024 22:00	5.9	269	15	8.7	0.00
17/01/2024 22:10	5.4	263	12	7.5	0.00
17/01/2024 22:20	5.7	272	14	7.5	0.00
17/01/2024 22:30	5.6	272	17	7.5	0.00
17/01/2024 22:40	6.1	266	13	8.4	0.00
17/01/2024 22:50	6.7	262	11	8.7	0.00
17/01/2024 23:00	6.7	265	12	9.0	0.00
17/01/2024 23:10	6.6	266	12	8.9	0.00
17/01/2024 23:20	7.3	262	8	9.4	0.00
17/01/2024 23:30	6.9	263	9	8.7	0.00
17/01/2024 23:40	6.7	262	10	8.7	0.00
17/01/2024 23:50	7.2	264	9	9.6	0.00
18/01/2024 00:00	7.1	260	9	9.3	0.00
18/01/2024 00:10	7.1	264	10	9.3	0.00
18/01/2024 00:20	6.5	262	10	8.7	0.00
18/01/2024 00:30	6.8	264	9	8.5	0.00
18/01/2024 00:40	7.1	260	11	9.8	0.00
18/01/2024 00:50	6.8	263	9	9.1	0.00
18/01/2024 01:00	6.9	261	12	9.1	0.00
18/01/2024 01:10	7.1	257	11	9.9	0.00
18/01/2024 01:20	6.7	256	12	8.7	0.00
18/01/2024 01:30	6.9	256	10	9.2	0.00
18/01/2024 01:40	7.2	255	11	10.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 01:50	6.2	259	10	8.6	0.00
18/01/2024 02:00	6.4	256	10	8.3	0.00
18/01/2024 02:10	6.4	256	10	8.1	0.00
18/01/2024 02:20	6.5	252	12	8.6	0.00
18/01/2024 02:30	6.9	254	9	8.9	0.00
18/01/2024 02:40	6.4	257	11	7.9	0.00
18/01/2024 02:50	6.0	257	11	8.0	0.00
18/01/2024 03:00	5.4	256	9	7.6	0.00
18/01/2024 03:10	5.2	258	11	7.1	0.00
18/01/2024 03:20	5.8	258	11	7.2	0.00
18/01/2024 03:30	5.7	256	10	7.5	0.00
18/01/2024 03:40	5.7	257	10	7.3	0.00
18/01/2024 03:50	5.7	256	9	7.3	0.00
18/01/2024 04:00	5.3	256	10	7.2	0.00
18/01/2024 04:10	5.1	257	12	6.8	0.00
18/01/2024 04:20	4.5	256	13	6.2	0.00
18/01/2024 04:30	4.9	264	8	6.4	0.00
18/01/2024 04:40	5.4	262	9	6.7	0.00
18/01/2024 04:50	4.9	258	11	6.6	0.00
18/01/2024 05:00	4.8	261	11	6.8	0.00
18/01/2024 05:10	4.4	262	11	5.9	0.00
18/01/2024 05:20	5.2	263	9	6.8	0.00
18/01/2024 05:30	5.2	263	10	7.0	0.00
18/01/2024 05:40	5.5	264	10	6.9	0.00
18/01/2024 05:50	5.5	263	9	6.8	0.00
18/01/2024 06:00	4.8	259	10	6.2	0.00
18/01/2024 06:10	5.2	259	11	7.5	0.00
18/01/2024 06:20	4.6	258	12	6.6	0.00
18/01/2024 06:30	5.3	259	11	7.3	0.00
18/01/2024 06:40	4.7	259	11	6.4	0.00
18/01/2024 06:50	5.1	262	10	6.6	0.00
18/01/2024 07:00	4.6	256	11	6.5	0.00
18/01/2024 07:10	5.5	260	11	7.2	0.00
18/01/2024 07:20	6.1	260	12	7.9	0.00
18/01/2024 07:30	5.9	261	9	7.9	0.00
18/01/2024 07:40	5.9	261	11	8.2	0.00
18/01/2024 07:50	5.6	255	12	7.6	0.00
18/01/2024 08:00	5.6	256	12	7.3	0.00
18/01/2024 08:10	6.4	254	11	8.6	0.00
18/01/2024 08:20	6.0	258	14	7.7	0.00
18/01/2024 08:30	6.2	257	14	8.2	0.00
18/01/2024 08:40	6.7	264	12	8.7	0.00
18/01/2024 08:50	6.4	256	12	9.0	0.00
18/01/2024 09:00	6.3	263	10	8.7	0.00
18/01/2024 09:10	6.6	261	12	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 09:20	7.2	262	10	9.6	0.00
18/01/2024 09:30	6.7	259	12	8.5	0.00
18/01/2024 09:40	6.7	262	11	8.6	0.00
18/01/2024 09:50	6.2	263	11	8.3	0.00
18/01/2024 10:00	7.0	263	10	8.3	0.00
18/01/2024 10:10	6.0	260	12	7.7	0.00
18/01/2024 10:20	6.3	263	13	8.3	0.00
18/01/2024 10:30	6.7	261	11	8.7	0.00
18/01/2024 10:40	6.4	275	13	8.2	0.00
18/01/2024 10:50	6.5	268	14	8.5	0.00
18/01/2024 11:00	6.7	261	12	8.3	0.00
18/01/2024 11:10	6.5	265	12	8.1	0.00
18/01/2024 11:20	6.2	270	14	8.4	0.00
18/01/2024 11:30	6.1	266	13	7.8	0.00
18/01/2024 11:40	7.0	264	12	8.8	0.00
18/01/2024 11:50	6.6	264	12	8.7	0.00
18/01/2024 12:00	6.4	259	13	8.1	0.00
18/01/2024 12:10	6.9	255	12	9.0	0.00
18/01/2024 12:20	6.7	256	12	8.4	0.00
18/01/2024 12:30	6.7	261	12	8.7	0.00
18/01/2024 12:40	6.5	265	13	8.7	0.00
18/01/2024 12:50	6.3	260	11	8.3	0.00
18/01/2024 13:00	6.1	266	13	7.9	0.00
18/01/2024 13:10	6.5	261	12	8.3	0.00
18/01/2024 13:20	6.2	262	14	8.0	0.00
18/01/2024 13:30	5.7	291	16	7.9	0.00
18/01/2024 13:40	6.2	297	13	8.3	0.00
18/01/2024 13:50	6.2	299	12	8.5	0.00
18/01/2024 14:00	6.9	297	14	8.9	0.00
18/01/2024 14:10	7.9	293	12	10.0	0.00
18/01/2024 14:20	7.9	297	10	9.9	0.00
18/01/2024 14:30	6.8	297	12	8.9	0.00
18/01/2024 14:40	6.8	296	13	9.5	0.00
18/01/2024 14:50	7.6	300	8	9.5	0.00
18/01/2024 15:00	6.3	297	12	8.9	0.00
18/01/2024 15:10	6.4	294	13	8.7	0.00
18/01/2024 15:20	6.8	295	10	9.3	0.00
18/01/2024 15:30	6.1	293	14	8.6	0.00
18/01/2024 15:40	6.8	298	12	8.5	0.00
18/01/2024 15:50	6.8	295	11	9.1	0.00
18/01/2024 16:00	6.7	295	14	9.1	0.00
18/01/2024 16:10	6.1	293	14	8.1	0.00
18/01/2024 16:20	6.0	294	11	7.9	0.00
18/01/2024 16:30	6.2	291	14	8.0	0.00
18/01/2024 16:40	6.0	293	12	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 16:50	5.8	282	17	8.2	0.00
18/01/2024 17:00	6.0	277	18	8.3	0.00
18/01/2024 17:10	5.6	270	14	7.5	0.00
18/01/2024 17:20	6.4	262	13	8.3	0.00
18/01/2024 17:30	7.1	258	12	10.3	0.00
18/01/2024 17:40	8.1	260	11	10.5	0.00
18/01/2024 17:50	7.2	261	11	9.8	0.00
18/01/2024 18:00	7.4	259	12	10.1	0.00
18/01/2024 18:10	7.8	261	10	10.3	0.00
18/01/2024 18:20	7.0	264	11	10.0	0.00
18/01/2024 18:30	7.5	260	10	9.6	0.00
18/01/2024 18:40	7.1	265	13	9.0	0.00
18/01/2024 18:50	6.9	265	10	9.2	0.00
18/01/2024 19:00	6.7	266	11	9.1	0.00
18/01/2024 19:10	6.4	265	11	8.3	0.00
18/01/2024 19:20	6.4	262	11	8.9	0.00
18/01/2024 19:30	6.4	264	10	8.7	0.00
18/01/2024 19:40	6.0	263	11	7.8	0.00
18/01/2024 19:50	6.0	262	9	7.5	0.00
18/01/2024 20:00	5.6	257	12	8.1	0.00
18/01/2024 20:10	5.9	253	13	7.9	0.00
18/01/2024 20:20	6.6	253	11	7.9	0.00
18/01/2024 20:30	6.7	255	11	9.1	0.00
18/01/2024 20:40	6.6	259	11	8.5	0.00
18/01/2024 20:50	5.0	258	12	7.2	0.00
18/01/2024 21:00	4.5	263	11	5.5	0.00
18/01/2024 21:10	5.3	263	10	7.1	0.00
18/01/2024 21:20	5.5	260	10	8.3	0.00
18/01/2024 21:30	5.7	263	10	7.4	0.00
18/01/2024 21:40	5.1	263	11	6.6	0.00
18/01/2024 21:50	5.4	264	10	7.3	0.00
18/01/2024 22:00	4.9	267	13	6.6	0.00
18/01/2024 22:10	4.8	268	14	6.8	0.00
18/01/2024 22:20	4.9	272	11	7.2	0.00
18/01/2024 22:30	5.3	263	10	7.2	0.00
18/01/2024 22:40	5.5	264	10	7.0	0.00
18/01/2024 22:50	5.1	266	12	6.5	0.00
18/01/2024 23:00	5.6	261	9	7.7	0.00
18/01/2024 23:10	6.3	261	10	8.1	0.00
18/01/2024 23:20	6.2	263	8	8.2	0.00
18/01/2024 23:30	5.9	263	9	7.9	0.00
18/01/2024 23:40	6.4	262	10	8.5	0.00
18/01/2024 23:50	5.0	259	10	6.8	0.00
19/01/2024 00:00	5.0	262	11	6.7	0.00
19/01/2024 00:10	4.8	261	11	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 00:20	4.2	261	10	5.5	0.00
19/01/2024 00:30	4.4	263	10	6.1	0.00
19/01/2024 00:40	4.7	265	11	6.6	0.00
19/01/2024 00:50	4.8	262	9	6.7	0.00
19/01/2024 01:00	4.9	260	11	6.3	0.00
19/01/2024 01:10	4.4	263	10	5.7	0.00
19/01/2024 01:20	4.1	263	10	5.3	0.00
19/01/2024 01:30	4.0	264	11	5.2	0.00
19/01/2024 01:40	3.2	270	12	4.8	0.00
19/01/2024 01:50	3.2	264	10	4.4	0.00
19/01/2024 02:00	3.6	262	11	4.6	0.00
19/01/2024 02:10	3.6	262	10	5.0	0.00
19/01/2024 02:20	3.9	262	10	5.3	0.00
19/01/2024 02:30	4.0	261	9	5.3	0.00
19/01/2024 02:40	4.1	264	10	5.3	0.00
19/01/2024 02:50	3.9	262	12	5.2	0.00
19/01/2024 03:00	4.3	261	8	5.6	0.00
19/01/2024 03:10	4.7	262	9	6.0	0.00
19/01/2024 03:20	4.6	265	9	5.8	0.00
19/01/2024 03:30	5.3	261	10	7.2	0.00
19/01/2024 03:40	5.7	260	9	7.1	0.00
19/01/2024 03:50	6.0	261	10	7.4	0.00
19/01/2024 04:00	4.9	259	11	6.7	0.00
19/01/2024 04:10	5.5	261	9	7.0	0.00
19/01/2024 04:20	4.5	261	11	6.2	0.00
19/01/2024 04:30	4.0	256	10	5.2	0.00
19/01/2024 04:40	3.9	262	9	5.5	0.00
19/01/2024 04:50	3.3	261	11	4.6	0.00
19/01/2024 05:00	3.5	265	10	4.8	0.00
19/01/2024 05:10	3.6	266	11	4.7	0.00
19/01/2024 05:20	3.3	266	12	4.4	0.00
19/01/2024 05:30	3.4	260	10	4.4	0.00
19/01/2024 05:40	2.6	272	14	3.5	0.00
19/01/2024 05:50	2.9	285	12	4.0	0.00
19/01/2024 06:00	2.6	276	14	3.9	0.00
19/01/2024 06:10	2.4	268	14	3.6	0.00
19/01/2024 06:20	3.0	270	11	4.3	0.00
19/01/2024 06:30	2.8	271	14	3.8	0.00
19/01/2024 06:40	3.0	299	12	4.1	0.00
19/01/2024 06:50	3.3	301	12	4.9	0.00
19/01/2024 07:00	3.9	297	9	5.3	0.00
19/01/2024 07:10	3.4	299	13	5.2	0.00
19/01/2024 07:20	3.7	301	13	5.3	0.00
19/01/2024 07:30	4.2	302	13	5.4	0.00
19/01/2024 07:40	3.7	298	14	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 07:50	4.7	296	10	6.3	0.00
19/01/2024 08:00	4.3	300	14	6.0	0.00
19/01/2024 08:10	4.9	302	13	6.5	0.00
19/01/2024 08:20	5.0	300	11	6.4	0.00
19/01/2024 08:30	4.9	298	12	6.2	0.00
19/01/2024 08:40	4.9	299	12	6.6	0.00
19/01/2024 08:50	5.1	297	14	6.6	0.00
19/01/2024 09:00	5.3	299	11	6.8	0.00
19/01/2024 09:10	4.9	294	15	7.0	0.00
19/01/2024 09:20	5.3	300	15	7.5	0.00
19/01/2024 09:30	5.4	297	13	7.2	0.00
19/01/2024 09:40	5.5	301	12	7.5	0.00
19/01/2024 09:50	5.4	296	12	7.3	0.00
19/01/2024 10:00	5.1	295	14	6.8	0.00
19/01/2024 10:10	4.9	286	14	6.5	0.00
19/01/2024 10:20	5.3	271	16	7.1	0.00
19/01/2024 10:30	5.7	262	14	7.8	0.00
19/01/2024 10:40	5.9	265	14	7.8	0.00
19/01/2024 10:50	5.5	271	16	7.7	0.00
19/01/2024 11:00	5.5	284	16	7.4	0.00
19/01/2024 11:10	5.8	267	15	7.6	0.00
19/01/2024 11:20	5.7	260	11	7.2	0.00
19/01/2024 11:30	5.1	275	16	6.8	0.00
19/01/2024 11:40	5.3	296	12	7.0	0.00
19/01/2024 11:50	5.6	297	13	7.5	0.00
19/01/2024 12:00	5.4	295	13	7.5	0.00
19/01/2024 12:10	5.6	292	12	7.5	0.00
19/01/2024 12:20	5.8	295	13	7.7	0.00
19/01/2024 12:30	5.5	299	15	7.8	0.00
19/01/2024 12:40	6.0	295	12	7.9	0.00
19/01/2024 12:50	5.8	300	12	7.5	0.00
19/01/2024 13:00	6.1	292	14	8.1	0.00
19/01/2024 13:10	6.1	293	11	8.2	0.00
19/01/2024 13:20	5.8	294	14	8.0	0.00
19/01/2024 13:30	5.8	293	12	7.9	0.00
19/01/2024 13:40	5.9	298	12	7.7	0.00
19/01/2024 13:50	6.3	294	13	8.3	0.00
19/01/2024 14:00	5.6	298	14	7.3	0.00
19/01/2024 14:10	5.9	298	12	7.9	0.00
19/01/2024 14:20	6.3	296	13	8.6	0.00
19/01/2024 14:30	6.3	294	14	8.4	0.00
19/01/2024 14:40	6.9	296	10	8.7	0.00
19/01/2024 14:50	6.2	295	13	8.7	0.00
19/01/2024 15:00	6.4	298	12	9.1	0.00
19/01/2024 15:10	6.8	294	10	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 15:20	6.9	295	12	9.1	0.00
19/01/2024 15:30	6.3	293	13	8.7	0.00
19/01/2024 15:40	6.0	294	12	7.9	0.00
19/01/2024 15:50	6.6	296	13	8.6	0.00
19/01/2024 16:00	5.8	296	13	8.2	0.00
19/01/2024 16:10	5.9	294	12	7.9	0.00
19/01/2024 16:20	5.8	295	13	7.7	0.00
19/01/2024 16:30	5.8	297	11	8.0	0.00
19/01/2024 16:40	5.5	299	14	7.7	0.00
19/01/2024 16:50	5.9	294	12	7.8	0.00
19/01/2024 17:00	5.0	277	16	7.2	0.00
19/01/2024 17:10	5.3	267	15	7.5	0.00
19/01/2024 17:20	6.6	261	9	9.0	0.00
19/01/2024 17:30	6.8	258	12	8.8	0.00
19/01/2024 17:40	6.4	258	11	8.3	0.00
19/01/2024 17:50	5.6	254	12	8.5	0.00
19/01/2024 18:00	5.1	271	15	6.7	0.00
19/01/2024 18:10	5.2	278	15	7.7	0.00
19/01/2024 18:20	4.7	279	15	7.0	0.00
19/01/2024 18:30	4.7	294	13	6.3	0.00
19/01/2024 18:40	4.1	292	14	5.7	0.00
19/01/2024 18:50	4.4	297	15	6.0	0.00
19/01/2024 19:00	5.2	297	11	7.2	0.00
19/01/2024 19:10	4.8	305	13	7.1	0.00
19/01/2024 19:20	4.7	298	14	7.2	0.00
19/01/2024 19:30	4.8	300	12	6.7	0.00
19/01/2024 19:40	5.5	297	12	7.1	0.00
19/01/2024 19:50	4.7	296	14	6.8	0.00
19/01/2024 20:00	4.7	294	14	6.0	0.00
19/01/2024 20:10	4.6	296	10	6.2	0.00
19/01/2024 20:20	4.9	295	10	6.3	0.00
19/01/2024 20:30	5.2	299	9	7.2	0.00
19/01/2024 20:40	5.0	297	11	6.6	0.00
19/01/2024 20:50	5.3	300	12	7.1	0.00
19/01/2024 21:00	5.4	296	14	7.2	0.00
19/01/2024 21:10	5.4	300	10	7.4	0.00
19/01/2024 21:20	5.5	297	11	7.7	0.00
19/01/2024 21:30	5.3	299	11	7.5	0.00
19/01/2024 21:40	5.3	295	12	6.9	0.00
19/01/2024 21:50	5.3	294	11	7.1	0.00
19/01/2024 22:00	5.3	291	11	7.3	0.00
19/01/2024 22:10	5.5	291	12	7.4	0.00
19/01/2024 22:20	4.6	277	16	6.9	0.00
19/01/2024 22:30	4.4	267	12	6.0	0.00
19/01/2024 22:40	4.6	278	14	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 22:50	4.7	275	14	6.8	0.00
19/01/2024 23:00	4.3	283	17	6.8	0.00
19/01/2024 23:10	5.1	291	12	7.3	0.00
19/01/2024 23:20	4.9	285	16	6.6	0.00
19/01/2024 23:30	4.4	283	15	6.6	0.00
19/01/2024 23:40	4.8	269	13	6.0	0.00
19/01/2024 23:50	4.1	280	15	6.0	0.00
20/01/2024 00:00	4.2	288	14	5.4	0.00
20/01/2024 00:10	4.6	289	15	6.6	0.00
20/01/2024 00:20	4.4	293	16	6.4	0.00
20/01/2024 00:30	4.2	286	13	6.0	0.00
20/01/2024 00:40	4.1	284	16	5.9	0.00
20/01/2024 00:50	4.1	285	17	5.7	0.00
20/01/2024 01:00	4.4	291	12	6.0	0.00
20/01/2024 01:10	4.8	293	15	6.8	0.00
20/01/2024 01:20	4.4	288	13	6.6	0.00
20/01/2024 01:30	4.4	270	15	6.0	0.00
20/01/2024 01:40	5.1	274	14	7.0	0.00
20/01/2024 01:50	5.0	271	16	7.2	0.00
20/01/2024 02:00	4.2	271	15	6.7	0.00
20/01/2024 02:10	4.7	271	13	7.0	0.00
20/01/2024 02:20	5.2	283	14	7.3	0.00
20/01/2024 02:30	4.9	286	15	7.0	0.00
20/01/2024 02:40	4.8	277	13	6.6	0.00
20/01/2024 02:50	4.7	270	11	6.1	0.00
20/01/2024 03:00	4.0	271	14	5.7	0.00
20/01/2024 03:10	4.3	288	16	5.9	0.00
20/01/2024 03:20	4.6	288	13	6.4	0.00
20/01/2024 03:30	3.9	278	16	5.7	0.00
20/01/2024 03:40	4.8	291	12	6.8	0.00
20/01/2024 03:50	4.4	292	13	6.4	0.00
20/01/2024 04:00	4.9	297	10	6.7	0.00
20/01/2024 04:10	4.9	290	14	6.8	0.00
20/01/2024 04:20	4.3	290	16	5.8	0.00
20/01/2024 04:30	4.7	285	16	6.3	0.00
20/01/2024 04:40	4.8	289	14	6.7	0.00
20/01/2024 04:50	4.6	270	14	6.4	0.00
20/01/2024 05:00	4.3	277	16	6.4	0.00
20/01/2024 05:10	4.8	275	14	6.4	0.00
20/01/2024 05:20	4.4	273	14	6.2	0.00
20/01/2024 05:30	4.1	271	15	6.1	0.00
20/01/2024 05:40	4.4	268	13	6.1	0.00
20/01/2024 05:50	4.1	271	14	5.5	0.00
20/01/2024 06:00	3.8	277	16	5.8	0.00
20/01/2024 06:10	3.9	281	15	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 06:20	4.3	280	15	6.4	0.00
20/01/2024 06:30	4.2	270	14	5.8	0.00
20/01/2024 06:40	4.3	271	14	5.6	0.00
20/01/2024 06:50	4.2	266	12	5.8	0.00
20/01/2024 07:00	4.6	268	13	6.0	0.00
20/01/2024 07:10	4.8	261	10	6.4	0.00
20/01/2024 07:20	4.4	262	11	6.2	0.00
20/01/2024 07:30	4.2	271	13	5.6	0.00
20/01/2024 07:40	4.1	271	16	6.0	0.00
20/01/2024 07:50	4.6	269	14	6.0	0.00
20/01/2024 08:00	4.2	276	16	6.0	0.00
20/01/2024 08:10	4.1	291	12	5.7	0.00
20/01/2024 08:20	4.0	297	14	5.5	0.00
20/01/2024 08:30	4.2	290	14	5.4	0.00
20/01/2024 08:40	4.4	295	13	5.7	0.00
20/01/2024 08:50	4.9	296	11	6.4	0.00
20/01/2024 09:00	4.6	296	15	6.4	0.00
20/01/2024 09:10	4.8	293	13	6.4	0.00
20/01/2024 09:20	5.1	295	13	6.4	0.00
20/01/2024 09:30	4.9	291	16	6.6	0.00
20/01/2024 09:40	4.6	294	13	6.4	0.00
20/01/2024 09:50	4.9	296	13	6.6	0.00
20/01/2024 10:00	5.1	293	13	7.1	0.00
20/01/2024 10:10	5.0	300	13	6.6	0.00
20/01/2024 10:20	4.5	290	18	6.4	0.00
20/01/2024 10:30	4.7	273	16	6.6	0.00
20/01/2024 10:40	5.7	261	12	7.8	0.00
20/01/2024 10:50	5.7	261	12	7.5	0.00
20/01/2024 11:00	5.4	269	14	6.9	0.00
20/01/2024 11:10	5.1	285	16	6.8	0.00
20/01/2024 11:20	5.3	294	12	7.0	0.00
20/01/2024 11:30	5.2	299	15	6.9	0.00
20/01/2024 11:40	5.3	299	14	6.9	0.00
20/01/2024 11:50	5.4	302	13	6.9	0.00
20/01/2024 12:00	5.1	296	15	6.9	0.00
20/01/2024 12:10	4.8	297	17	7.2	0.00
20/01/2024 12:20	5.2	299	14	7.1	0.00
20/01/2024 12:30	5.5	297	12	7.4	0.00
20/01/2024 12:40	5.6	296	13	7.2	0.00
20/01/2024 12:50	5.1	293	13	6.8	0.00
20/01/2024 13:00	5.0	303	15	6.9	0.00
20/01/2024 13:10	5.2	306	14	7.1	0.00
20/01/2024 13:20	5.7	303	13	7.8	0.00
20/01/2024 13:30	5.7	308	15	7.7	0.00
20/01/2024 13:40	5.5	304	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 13:50	6.0	306	17	8.2	0.00
20/01/2024 14:00	5.7	303	15	7.9	0.00
20/01/2024 14:10	5.6	298	14	7.3	0.00
20/01/2024 14:20	5.5	300	14	7.4	0.00
20/01/2024 14:30	5.8	300	12	7.8	0.00
20/01/2024 14:40	5.9	303	13	7.6	0.00
20/01/2024 14:50	6.1	300	12	7.9	0.00
20/01/2024 15:00	6.9	297	12	9.7	0.00
20/01/2024 15:10	7.1	298	12	9.4	0.00
20/01/2024 15:20	6.9	295	11	9.3	0.00
20/01/2024 15:30	6.5	299	12	9.1	0.00
20/01/2024 15:40	6.7	298	10	8.7	0.00
20/01/2024 15:50	6.9	295	10	9.1	0.00
20/01/2024 16:00	6.4	296	12	8.7	0.00
20/01/2024 16:10	6.8	293	10	8.3	0.00
20/01/2024 16:20	6.4	292	11	8.0	0.00
20/01/2024 16:30	6.8	294	12	9.0	0.00
20/01/2024 16:40	5.9	294	14	7.9	0.00
20/01/2024 16:50	6.0	293	14	7.7	0.00
20/01/2024 17:00	5.9	296	13	7.5	0.00
20/01/2024 17:10	5.7	296	14	7.2	0.00
20/01/2024 17:20	5.8	294	12	7.6	0.00
20/01/2024 17:30	5.5	295	11	6.8	0.00
20/01/2024 17:40	5.5	296	13	7.4	0.00
20/01/2024 17:50	5.8	293	12	7.5	0.00
20/01/2024 18:00	5.0	297	13	6.6	0.00
20/01/2024 18:10	5.3	297	13	7.2	0.00
20/01/2024 18:20	5.3	298	12	7.2	0.00
20/01/2024 18:30	5.1	294	14	6.9	0.00
20/01/2024 18:40	4.7	293	13	6.6	0.00
20/01/2024 18:50	4.9	297	13	6.8	0.00
20/01/2024 19:00	5.1	298	12	7.1	0.00
20/01/2024 19:10	5.1	296	14	7.1	0.00
20/01/2024 19:20	4.9	295	12	6.6	0.00
20/01/2024 19:30	4.8	300	13	7.0	0.00
20/01/2024 19:40	5.6	298	10	7.1	0.00
20/01/2024 19:50	5.2	300	13	7.1	0.00
20/01/2024 20:00	5.0	300	13	7.1	0.00
20/01/2024 20:10	5.3	300	10	7.0	0.00
20/01/2024 20:20	5.7	298	10	7.6	0.00
20/01/2024 20:30	5.0	298	11	6.8	0.00
20/01/2024 20:40	5.3	297	11	7.2	0.00
20/01/2024 20:50	5.5	299	10	7.5	0.00
20/01/2024 21:00	5.6	297	12	7.2	0.00
20/01/2024 21:10	5.7	300	12	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 21:20	5.0	297	12	6.9	0.00
20/01/2024 21:30	4.8	303	12	6.5	0.00
20/01/2024 21:40	5.6	299	14	7.6	0.00
20/01/2024 21:50	5.4	298	12	6.9	0.00
20/01/2024 22:00	5.6	298	12	7.5	0.00
20/01/2024 22:10	5.6	296	12	7.4	0.00
20/01/2024 22:20	5.3	294	13	7.3	0.00
20/01/2024 22:30	4.8	297	13	6.6	0.00
20/01/2024 22:40	5.3	300	12	7.5	0.00
20/01/2024 22:50	5.7	297	10	8.0	0.00
20/01/2024 23:00	5.0	298	12	6.8	0.00
20/01/2024 23:10	6.1	296	10	7.6	0.00
20/01/2024 23:20	5.9	295	11	7.8	0.00
20/01/2024 23:30	5.6	294	12	7.8	0.00
20/01/2024 23:40	6.0	297	10	8.4	0.00
20/01/2024 23:50	5.8	297	11	8.1	0.00
21/01/2024 00:00	6.2	298	10	8.3	0.00
21/01/2024 00:10	6.1	296	10	8.1	0.00
21/01/2024 00:20	5.8	298	11	7.9	0.00
21/01/2024 00:30	5.9	298	10	7.7	0.00
21/01/2024 00:40	6.0	295	13	7.7	0.00
21/01/2024 00:50	6.0	296	11	8.1	0.00
21/01/2024 01:00	5.9	296	13	7.7	0.00
21/01/2024 01:10	6.2	295	11	8.2	0.00
21/01/2024 01:20	5.5	292	12	8.1	0.00
21/01/2024 01:30	5.0	295	12	6.9	0.00
21/01/2024 01:40	4.9	290	14	7.0	0.00
21/01/2024 01:50	4.4	287	14	6.4	0.00
21/01/2024 02:00	4.3	288	14	5.7	0.00
21/01/2024 02:10	4.1	284	15	6.0	0.00
21/01/2024 02:20	4.4	287	16	5.9	0.00
21/01/2024 02:30	4.5	289	13	6.3	0.00
21/01/2024 02:40	4.4	285	17	6.0	0.00
21/01/2024 02:50	4.3	293	14	6.2	0.00
21/01/2024 03:00	4.3	290	15	6.1	0.00
21/01/2024 03:10	4.3	288	15	6.5	0.00
21/01/2024 03:20	4.2	287	16	5.9	0.00
21/01/2024 03:30	3.3	288	19	5.2	0.00
21/01/2024 03:40	3.6	284	15	5.2	0.00
21/01/2024 03:50	3.6	286	17	5.5	0.00
21/01/2024 04:00	4.1	283	16	6.4	0.00
21/01/2024 04:10	3.9	285	16	5.5	0.00
21/01/2024 04:20	3.5	282	14	5.2	0.00
21/01/2024 04:30	3.8	273	17	5.3	0.00
21/01/2024 04:40	3.5	286	15	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 04:50	3.7	268	13	4.8	0.00
21/01/2024 05:00	3.4	267	13	4.4	0.00
21/01/2024 05:10	3.3	265	13	4.2	0.00
21/01/2024 05:20	3.1	269	12	4.5	0.00
21/01/2024 05:30	3.1	267	11	4.7	0.00
21/01/2024 05:40	2.7	264	10	3.7	0.00
21/01/2024 05:50	2.5	262	11	3.4	0.00
21/01/2024 06:00	2.1	263	10	2.7	0.00
21/01/2024 06:10	2.3	261	10	3.4	0.00
21/01/2024 06:20	1.8	259	10	2.4	0.00
21/01/2024 06:30	2.1	267	14	2.8	0.00
21/01/2024 06:40	1.2	272	21	2.2	0.00
21/01/2024 06:50	1.2	309	13	1.7	0.00
21/01/2024 07:00	1.4	300	18	1.9	0.00
21/01/2024 07:10	1.3	289	27	2.0	0.00
21/01/2024 07:20	1.0	306	27	1.6	0.00
21/01/2024 07:30	1.6	266	17	2.7	0.00
21/01/2024 07:40	1.4	276	21	2.0	0.00
21/01/2024 07:50	1.8	259	18	2.8	0.00
21/01/2024 08:00	1.4	249	25	2.4	0.00
21/01/2024 08:10	0.7	216	32	1.6	0.00
21/01/2024 08:20	1.4	242	27	2.2	0.00
21/01/2024 08:30	1.0	238	26	1.6	0.00
21/01/2024 08:40	1.0	211	37	1.6	0.00
21/01/2024 08:50	1.2	201	47	2.0	0.00
21/01/2024 09:00	1.7	137	40	2.5	0.00
21/01/2024 09:10	2.0	108	40	3.4	0.00
21/01/2024 09:20	2.2	49	32	3.6	0.00
21/01/2024 09:30	1.9	54	35	3.1	0.00
21/01/2024 09:40	2.2	356	22	3.5	0.00
21/01/2024 09:50	2.1	19	27	3.8	0.00
21/01/2024 10:00	2.4	168	31	3.6	0.00
21/01/2024 10:10	2.4	20	29	3.7	0.00
21/01/2024 10:20	2.5	9	27	4.2	0.00
21/01/2024 10:30	2.6	188	22	4.0	0.00
21/01/2024 10:40	2.3	179	29	3.8	0.00
21/01/2024 10:50	2.7	357	23	4.1	0.00
21/01/2024 11:00	3.0	353	24	4.1	0.00
21/01/2024 11:10	2.9	178	20	4.5	0.00
21/01/2024 11:20	2.8	353	19	4.4	0.00
21/01/2024 11:30	3.2	356	19	4.4	0.00
21/01/2024 11:40	3.1	2	19	4.4	0.00
21/01/2024 11:50	3.2	355	20	4.4	0.00
21/01/2024 12:00	3.1	6	19	4.4	0.00
21/01/2024 12:10	3.4	185	23	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 12:20	3.6	10	19	5.3	0.00
21/01/2024 12:30	3.4	13	19	4.5	0.00
21/01/2024 12:40	3.1	10	24	5.1	0.00
21/01/2024 12:50	3.2	4	18	4.8	0.00
21/01/2024 13:00	3.3	10	23	5.3	0.00
21/01/2024 13:10	3.2	8	22	4.6	0.00
21/01/2024 13:20	2.6	176	27	4.0	0.00
21/01/2024 13:30	3.6	174	21	5.1	0.00
21/01/2024 13:40	3.7	5	21	4.9	0.00
21/01/2024 13:50	3.7	191	19	5.6	0.00
21/01/2024 14:00	3.8	10	18	5.6	0.00
21/01/2024 14:10	3.8	182	18	5.6	0.00
21/01/2024 14:20	3.6	9	18	5.6	0.00
21/01/2024 14:30	3.6	8	21	5.4	0.00
21/01/2024 14:40	3.5	8	22	5.2	0.00
21/01/2024 14:50	4.0	14	17	5.4	0.00
21/01/2024 15:00	3.7	10	24	5.6	0.00
21/01/2024 15:10	4.3	177	19	5.9	0.00
21/01/2024 15:20	3.9	2	21	6.1	0.00
21/01/2024 15:30	3.9	355	20	5.9	0.00
21/01/2024 15:40	3.9	353	21	5.7	0.00
21/01/2024 15:50	3.9	354	24	5.9	0.00
21/01/2024 16:00	3.8	352	28	5.8	0.00
21/01/2024 16:10	4.0	335	23	6.8	0.00
21/01/2024 16:20	3.8	314	24	5.8	0.00
21/01/2024 16:30	3.8	305	18	6.0	0.00
21/01/2024 16:40	4.3	300	16	6.6	0.00
21/01/2024 16:50	4.3	293	14	6.1	0.00
21/01/2024 17:00	4.5	282	14	5.8	0.00
21/01/2024 17:10	4.4	289	14	6.4	0.00
21/01/2024 17:20	4.6	299	15	6.4	0.00
21/01/2024 17:30	4.1	299	17	6.3	0.00
21/01/2024 17:40	4.5	299	14	6.1	0.00
21/01/2024 17:50	4.9	292	14	7.0	0.00
21/01/2024 18:00	4.3	291	12	5.9	0.00
21/01/2024 18:10	3.9	288	13	5.6	0.00
21/01/2024 18:20	3.6	293	13	4.8	0.00
21/01/2024 18:30	3.8	297	12	4.9	0.00
21/01/2024 18:40	3.4	289	15	5.0	0.00
21/01/2024 18:50	3.7	288	13	5.2	0.00
21/01/2024 19:00	4.4	290	11	5.6	0.00
21/01/2024 19:10	4.0	293	13	5.2	0.00
21/01/2024 19:20	4.0	295	12	5.1	0.00
21/01/2024 19:30	3.7	293	14	5.4	0.00
21/01/2024 19:40	3.3	294	12	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 19:50	3.6	291	15	5.0	0.00
21/01/2024 20:00	3.1	285	17	4.6	0.00
21/01/2024 20:10	2.4	282	17	3.5	0.00
21/01/2024 20:20	1.5	302	14	2.2	0.00
21/01/2024 20:30	1.4	293	15	2.1	0.00
21/01/2024 20:40	1.5	294	14	2.1	0.00
21/01/2024 20:50	1.1	155	20	2.1	0.00
21/01/2024 21:00	1.1	348	37	2.4	0.00
21/01/2024 21:10	1.9	179	21	3.0	0.00
21/01/2024 21:20	1.8	351	32	3.1	0.00
21/01/2024 21:30	1.5	326	27	3.3	0.00
21/01/2024 21:40	1.3	348	30	2.6	0.00
21/01/2024 21:50	1.7	170	35	2.8	0.00
21/01/2024 22:00	1.6	336	29	3.0	0.00
21/01/2024 22:10	2.2	165	26	3.4	0.00
21/01/2024 22:20	2.4	323	23	3.8	0.00
21/01/2024 22:30	3.3	319	21	4.8	0.00
21/01/2024 22:40	4.0	325	18	5.6	0.00
21/01/2024 22:50	3.1	322	23	5.6	0.00
21/01/2024 23:00	2.1	329	32	4.5	0.00
21/01/2024 23:10	2.8	316	28	5.3	0.00
21/01/2024 23:20	4.2	300	15	6.3	0.00
21/01/2024 23:30	4.4	304	12	6.1	0.00
21/01/2024 23:40	4.0	294	17	6.0	0.00
21/01/2024 23:50	4.0	288	15	5.6	0.00
22/01/2024 00:00	4.0	294	11	5.4	0.00
22/01/2024 00:10	3.7	293	14	5.2	0.00
22/01/2024 00:20	2.8	300	20	4.8	0.00
22/01/2024 00:30	1.8	312	29	3.6	0.00
22/01/2024 00:40	3.2	300	14	4.7	0.00
22/01/2024 00:50	3.6	300	15	5.1	0.00
22/01/2024 01:00	3.3	296	15	4.8	0.00
22/01/2024 01:10	3.0	299	32	5.6	0.00
22/01/2024 01:20	3.8	295	15	5.2	0.00
22/01/2024 01:30	2.8	310	23	4.4	0.00
22/01/2024 01:40	2.6	320	20	4.1	0.00
22/01/2024 01:50	3.9	295	13	5.8	0.00
22/01/2024 02:00	3.6	304	16	5.6	0.00
22/01/2024 02:10	2.6	318	27	4.3	0.00
22/01/2024 02:20	2.2	25	24	3.4	0.00
22/01/2024 02:30	2.8	15	22	4.1	0.00
22/01/2024 02:40	2.2	10	28	4.0	0.00
22/01/2024 02:50	2.2	20	22	3.6	0.00
22/01/2024 03:00	2.4	27	18	4.3	0.00
22/01/2024 03:10	2.0	14	21	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 03:20	2.0	15	21	3.1	0.00
22/01/2024 03:30	1.5	21	27	2.5	0.00
22/01/2024 03:40	1.1	100	58	2.0	0.00
22/01/2024 03:50	1.2	158	34	3.1	0.00
22/01/2024 04:00	1.2	182	34	2.2	0.00
22/01/2024 04:10	2.0	50	15	2.9	0.00
22/01/2024 04:20	1.5	62	12	2.3	0.00
22/01/2024 04:30	1.6	43	24	2.4	0.00
22/01/2024 04:40	1.5	55	19	2.1	0.00
22/01/2024 04:50	1.8	62	13	2.5	0.00
22/01/2024 05:00	1.6	83	13	2.4	0.00
22/01/2024 05:10	2.9	80	11	4.1	0.00
22/01/2024 05:20	2.7	80	11	3.6	0.00
22/01/2024 05:30	3.0	84	12	3.9	0.00
22/01/2024 05:40	2.9	87	11	4.0	0.00
22/01/2024 05:50	3.5	84	11	4.8	0.00
22/01/2024 06:00	3.0	99	12	4.1	0.00
22/01/2024 06:10	3.3	78	11	4.5	0.00
22/01/2024 06:20	3.7	83	12	5.2	0.00
22/01/2024 06:30	3.9	71	10	5.0	0.00
22/01/2024 06:40	3.5	72	11	4.8	0.00
22/01/2024 06:50	2.8	71	15	3.9	0.00
22/01/2024 07:00	3.6	66	12	5.2	0.00
22/01/2024 07:10	4.3	65	14	6.1	0.00
22/01/2024 07:20	4.4	66	11	6.0	0.00
22/01/2024 07:30	4.2	66	12	5.2	0.00
22/01/2024 07:40	4.0	64	13	5.1	0.00
22/01/2024 07:50	3.7	57	12	4.8	0.00
22/01/2024 08:00	4.0	63	12	5.3	0.00
22/01/2024 08:10	4.1	57	16	5.6	0.00
22/01/2024 08:20	4.1	62	13	5.8	0.00
22/01/2024 08:30	4.2	62	15	5.6	0.00
22/01/2024 08:40	4.1	61	15	6.0	0.00
22/01/2024 08:50	4.9	66	16	6.6	0.00
22/01/2024 09:00	4.9	68	14	6.8	0.00
22/01/2024 09:10	5.4	67	13	7.3	0.00
22/01/2024 09:20	5.6	66	11	7.5	0.00
22/01/2024 09:30	4.3	33	19	6.6	0.00
22/01/2024 09:40	4.0	11	15	6.1	0.00
22/01/2024 09:50	4.4	31	23	7.4	0.00
22/01/2024 10:00	4.4	33	22	6.4	0.00
22/01/2024 10:10	3.3	15	23	5.2	0.00
22/01/2024 10:20	3.7	13	20	5.9	0.00
22/01/2024 10:30	3.6	178	19	5.2	0.00
22/01/2024 10:40	4.1	339	18	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 10:50	4.2	344	17	6.1	0.00
22/01/2024 11:00	3.6	180	24	6.1	0.00
22/01/2024 11:10	3.5	346	27	5.7	0.00
22/01/2024 11:20	3.7	183	27	5.7	0.00
22/01/2024 11:30	4.0	184	22	6.0	0.00
22/01/2024 11:40	3.9	179	28	5.6	0.00
22/01/2024 11:50	3.9	10	23	6.1	0.00
22/01/2024 12:00	3.8	183	30	5.7	0.00
22/01/2024 12:10	4.0	344	24	6.4	0.00
22/01/2024 12:20	4.1	358	30	6.6	0.00
22/01/2024 12:30	4.1	5	24	6.4	0.00
22/01/2024 12:40	4.2	11	31	6.4	0.00
22/01/2024 12:50	4.0	345	26	6.2	0.00
22/01/2024 13:00	3.5	178	28	6.0	0.00
22/01/2024 13:10	3.6	170	26	6.0	0.00
22/01/2024 13:20	4.0	184	23	6.1	0.00
22/01/2024 13:30	3.6	177	29	7.0	0.00
22/01/2024 13:40	3.8	187	24	6.0	0.00
22/01/2024 13:50	3.8	180	22	6.0	0.00
22/01/2024 14:00	3.5	349	29	5.7	0.00
22/01/2024 14:10	3.4	181	31	5.0	0.00
22/01/2024 14:20	3.7	11	25	5.6	0.00
22/01/2024 14:30	3.8	179	27	5.7	0.00
22/01/2024 14:40	4.0	183	24	5.9	0.00
22/01/2024 14:50	4.1	17	24	6.1	0.00
22/01/2024 15:00	4.0	7	24	5.7	0.00
22/01/2024 15:10	4.1	182	20	6.0	0.00
22/01/2024 15:20	3.9	10	25	5.8	0.00
22/01/2024 15:30	4.1	175	25	6.7	0.00
22/01/2024 15:40	3.9	7	24	5.6	0.00
22/01/2024 15:50	3.7	4	22	5.9	0.00
22/01/2024 16:00	3.8	18	21	5.4	0.00
22/01/2024 16:10	3.7	182	24	5.8	0.00
22/01/2024 16:20	3.9	184	19	6.0	0.00
22/01/2024 16:30	3.8	7	22	5.3	0.00
22/01/2024 16:40	3.8	353	23	6.0	0.00
22/01/2024 16:50	4.2	306	20	6.6	0.00
22/01/2024 17:00	5.2	295	13	6.9	0.00
22/01/2024 17:10	2.9	317	28	5.1	0.00
22/01/2024 17:20	3.6	298	16	5.4	0.00
22/01/2024 17:30	3.6	281	17	5.5	0.00
22/01/2024 17:40	3.4	290	15	4.7	0.00
22/01/2024 17:50	3.7	285	17	5.2	0.00
22/01/2024 18:00	3.0	282	17	4.9	0.00
22/01/2024 18:10	2.4	291	15	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 18:20	2.2	270	21	3.5	0.00
22/01/2024 18:30	1.7	281	23	2.4	0.00
22/01/2024 18:40	2.3	283	18	3.2	0.00
22/01/2024 18:50	2.6	299	15	3.8	0.00
22/01/2024 19:00	1.4	271	19	2.4	0.00
22/01/2024 19:10	0.9	185	58	1.9	0.00
22/01/2024 19:20	0.4	171	12	1.1	0.00
22/01/2024 19:30	1.3	287	11	1.8	0.00
22/01/2024 19:40	1.6	339	24	2.7	0.00
22/01/2024 19:50	2.4	322	17	3.5	0.00
22/01/2024 20:00	3.0	328	18	4.8	0.00
22/01/2024 20:10	3.7	324	16	5.1	0.00
22/01/2024 20:20	2.9	317	19	3.9	0.00
22/01/2024 20:30	1.8	332	23	3.4	0.00
22/01/2024 20:40	1.7	314	17	2.8	0.00
22/01/2024 20:50	2.7	297	16	4.2	0.00
22/01/2024 21:00	2.7	308	16	4.1	0.00
22/01/2024 21:10	3.9	297	10	5.1	0.00
22/01/2024 21:20	3.8	290	11	5.2	0.00
22/01/2024 21:30	4.0	291	12	5.9	0.00
22/01/2024 21:40	3.6	287	15	4.8	0.00
22/01/2024 21:50	3.7	273	14	5.4	0.00
22/01/2024 22:00	3.7	271	13	4.8	0.00
22/01/2024 22:10	2.7	268	17	4.1	0.00
22/01/2024 22:20	3.0	289	14	4.4	0.00
22/01/2024 22:30	3.1	292	14	4.3	0.00
22/01/2024 22:40	1.9	317	32	3.1	0.00
22/01/2024 22:50	1.8	319	32	3.0	0.00
22/01/2024 23:00	2.6	279	18	3.8	0.00
22/01/2024 23:10	2.8	291	12	3.6	0.00
22/01/2024 23:20	2.5	296	14	3.8	0.00
22/01/2024 23:30	2.9	296	10	4.0	0.00
22/01/2024 23:40	2.7	273	14	3.5	0.00
22/01/2024 23:50	2.6	257	12	3.7	0.00
23/01/2024 00:00	2.0	241	15	2.8	0.00
23/01/2024 00:10	2.5	250	10	3.2	0.00
23/01/2024 00:20	1.4	275	25	2.4	0.00
23/01/2024 00:30	1.8	292	15	2.4	0.00
23/01/2024 00:40	2.2	280	17	3.0	0.00
23/01/2024 00:50	2.0	318	17	2.8	0.00
23/01/2024 01:00	2.4	327	18	3.4	0.00
23/01/2024 01:10	2.9	319	17	4.8	0.00
23/01/2024 01:20	2.4	324	30	4.4	0.00
23/01/2024 01:30	4.2	300	15	6.0	0.00
23/01/2024 01:40	3.2	314	20	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 01:50	3.9	341	21	7.2	0.00
23/01/2024 02:00	4.4	295	14	6.0	0.00
23/01/2024 02:10	4.1	292	14	6.0	0.00
23/01/2024 02:20	4.4	291	12	6.3	0.00
23/01/2024 02:30	5.3	294	12	7.2	0.00
23/01/2024 02:40	4.2	287	14	6.0	0.00
23/01/2024 02:50	4.1	269	14	5.9	0.00
23/01/2024 03:00	3.5	280	14	5.1	0.00
23/01/2024 03:10	3.0	289	17	4.0	0.00
23/01/2024 03:20	3.4	305	13	4.8	0.00
23/01/2024 03:30	3.6	304	13	5.7	0.00
23/01/2024 03:40	2.8	317	29	4.7	0.00
23/01/2024 03:50	4.1	291	14	5.5	0.00
23/01/2024 04:00	3.8	291	12	5.3	0.00
23/01/2024 04:10	3.6	287	15	4.9	0.00
23/01/2024 04:20	4.0	280	16	5.8	0.00
23/01/2024 04:30	3.3	278	15	5.0	0.00
23/01/2024 04:40	3.5	289	14	5.0	0.00
23/01/2024 04:50	3.1	281	14	4.4	0.00
23/01/2024 05:00	3.2	279	16	4.2	0.00
23/01/2024 05:10	3.0	281	15	4.4	0.00
23/01/2024 05:20	3.2	280	16	4.4	0.00
23/01/2024 05:30	3.2	281	12	4.4	0.00
23/01/2024 05:40	2.5	284	15	3.6	0.00
23/01/2024 05:50	1.7	298	19	2.5	0.00
23/01/2024 06:00	1.3	322	25	2.3	0.00
23/01/2024 06:10	0.4	344	19	1.0	0.00
23/01/2024 06:20	0.9	303	22	1.5	0.00
23/01/2024 06:30	0.6	298	44	1.5	0.00
23/01/2024 06:40	1.1	48	41	1.9	0.00
23/01/2024 06:50	1.8	49	17	2.7	0.00
23/01/2024 07:00	1.7	36	17	3.0	0.00
23/01/2024 07:10	1.3	15	41	1.9	0.00
23/01/2024 07:20	1.4	320	52	2.8	0.00
23/01/2024 07:30	1.7	335	45	3.5	0.00
23/01/2024 07:40	2.1	321	33	3.7	0.00
23/01/2024 07:50	2.6	308	21	4.8	0.00
23/01/2024 08:00	3.2	301	19	4.4	0.00
23/01/2024 08:10	3.8	294	10	4.8	0.00
23/01/2024 08:20	3.6	294	13	4.8	0.00
23/01/2024 08:30	3.5	297	11	4.7	0.00
23/01/2024 08:40	2.8	300	14	4.0	0.00
23/01/2024 08:50	2.4	297	14	3.2	0.00
23/01/2024 09:00	2.1	305	19	3.0	0.00
23/01/2024 09:10	1.3	311	31	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 09:20	2.0	254	25	2.9	0.00
23/01/2024 09:30	1.6	251	36	2.8	0.00
23/01/2024 09:40	1.8	277	41	2.9	0.00
23/01/2024 09:50	2.3	115	47	4.0	0.00
23/01/2024 10:00	2.9	118	17	4.3	0.00
23/01/2024 10:10	3.5	99	16	5.2	0.00
23/01/2024 10:20	4.0	81	11	5.2	0.00
23/01/2024 10:30	2.5	107	26	4.1	0.00
23/01/2024 10:40	2.0	140	45	3.5	0.00
23/01/2024 10:50	2.6	120	27	3.8	0.00
23/01/2024 11:00	2.2	87	26	3.9	0.00
23/01/2024 11:10	3.3	88	19	5.6	0.00
23/01/2024 11:20	3.4	107	21	4.8	0.00
23/01/2024 11:30	3.3	109	25	4.9	0.00
23/01/2024 11:40	3.6	94	17	6.0	0.00
23/01/2024 11:50	4.2	93	18	6.0	0.00
23/01/2024 12:00	4.4	86	18	6.0	0.00
23/01/2024 12:10	4.5	75	15	6.2	0.00
23/01/2024 12:20	5.3	82	13	7.0	0.00
23/01/2024 12:30	5.8	79	12	7.9	0.00
23/01/2024 12:40	5.8	84	11	7.3	0.00
23/01/2024 12:50	6.3	83	12	8.1	0.00
23/01/2024 13:00	6.1	80	12	8.3	0.00
23/01/2024 13:10	6.4	79	12	8.7	0.00
23/01/2024 13:20	6.1	75	11	8.3	0.00
23/01/2024 13:30	5.9	74	10	8.0	0.00
23/01/2024 13:40	5.8	78	13	7.9	0.00
23/01/2024 13:50	5.4	79	14	7.9	0.00
23/01/2024 14:00	6.0	71	13	8.3	0.00
23/01/2024 14:10	5.9	72	12	8.0	0.00
23/01/2024 14:20	5.8	78	11	8.0	0.00
23/01/2024 14:30	5.9	70	12	7.5	0.00
23/01/2024 14:40	5.5	72	12	7.1	0.00
23/01/2024 14:50	4.5	63	24	6.0	0.00
23/01/2024 15:00	2.9	342	22	4.8	0.00
23/01/2024 15:10	3.4	342	23	5.6	0.00
23/01/2024 15:20	3.8	340	15	5.2	0.00
23/01/2024 15:30	3.7	329	25	5.3	0.00
23/01/2024 15:40	4.0	318	17	5.7	0.00
23/01/2024 15:50	4.2	296	17	6.2	0.00
23/01/2024 16:00	3.5	337	27	5.6	0.00
23/01/2024 16:10	4.0	350	20	6.4	0.00
23/01/2024 16:20	4.0	356	19	5.6	0.00
23/01/2024 16:30	3.8	181	16	5.6	0.00
23/01/2024 16:40	4.0	359	21	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 16:50	3.7	2	20	5.6	0.00
23/01/2024 17:00	3.0	180	25	5.1	0.00
23/01/2024 17:10	3.4	6	22	4.8	0.00
23/01/2024 17:20	2.5	180	24	4.0	0.00
23/01/2024 17:30	2.5	6	22	3.2	0.00
23/01/2024 17:40	2.2	33	23	3.5	0.00
23/01/2024 17:50	2.7	55	16	4.4	0.00
23/01/2024 18:00	2.9	190	23	4.2	0.00
23/01/2024 18:10	2.9	349	21	4.2	0.00
23/01/2024 18:20	4.5	53	34	8.3	0.00
23/01/2024 18:30	5.5	85	15	8.1	0.00
23/01/2024 18:40	5.4	76	11	7.5	0.00
23/01/2024 18:50	5.5	79	10	8.0	0.00
23/01/2024 19:00	5.6	62	13	7.7	0.00
23/01/2024 19:10	4.9	56	12	6.9	0.00
23/01/2024 19:20	5.4	43	14	7.6	0.00
23/01/2024 19:30	4.8	39	15	6.5	0.00
23/01/2024 19:40	4.7	38	14	7.9	0.00
23/01/2024 19:50	5.0	35	15	7.8	0.00
23/01/2024 20:00	4.9	38	14	7.2	0.00
23/01/2024 20:10	3.7	35	21	6.1	0.00
23/01/2024 20:20	3.2	46	15	4.7	0.00
23/01/2024 20:30	4.2	43	13	5.8	0.00
23/01/2024 20:40	3.6	55	15	4.7	0.00
23/01/2024 20:50	2.4	166	36	3.8	0.00
23/01/2024 21:00	2.4	287	18	3.5	0.00
23/01/2024 21:10	1.2	337	34	2.1	0.00
23/01/2024 21:20	2.9	9	17	4.3	0.00
23/01/2024 21:30	2.8	17	16	4.2	0.00
23/01/2024 21:40	2.6	11	20	4.1	0.00
23/01/2024 21:50	2.7	21	22	4.1	0.00
23/01/2024 22:00	2.9	180	21	4.3	0.00
23/01/2024 22:10	4.0	348	16	6.0	0.00
23/01/2024 22:20	3.9	181	20	5.8	0.00
23/01/2024 22:30	2.9	334	24	4.7	0.00
23/01/2024 22:40	1.5	288	54	2.5	0.00
23/01/2024 22:50	1.8	332	43	2.6	0.00
23/01/2024 23:00	1.0	263	58	2.4	0.00
23/01/2024 23:10	2.3	292	23	3.2	0.00
23/01/2024 23:20	3.1	305	18	4.7	0.00
23/01/2024 23:30	2.0	299	19	3.4	0.00
23/01/2024 23:40	2.1	282	15	3.0	0.00
23/01/2024 23:50	2.3	294	19	3.6	0.00
24/01/2024 00:00	2.3	274	21	3.7	0.00
24/01/2024 00:10	1.3	246	15	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 00:20	1.1	155	44	2.0	0.00
24/01/2024 00:30	1.8	114	17	2.4	0.00
24/01/2024 00:40	2.1	90	12	3.0	0.00
24/01/2024 00:50	2.3	84	12	3.3	0.00
24/01/2024 01:00	2.5	86	11	3.2	0.00
24/01/2024 01:10	1.5	65	13	2.4	0.00
24/01/2024 01:20	1.8	73	12	2.9	0.00
24/01/2024 01:30	1.0	69	15	1.8	0.00
24/01/2024 01:40	0.9	36	14	1.7	0.00
24/01/2024 01:50	0.1	52	4	0.5	0.00
24/01/2024 02:00	0.1	150	12	0.5	0.00
24/01/2024 02:10	0.1	288	0	0.6	0.00
24/01/2024 02:20	0.5	274	7	1.1	0.00
24/01/2024 02:30	0.2	311	6	0.7	0.00
24/01/2024 02:40	0.5	198	17	1.2	0.00
24/01/2024 02:50	0.8	324	15	1.3	0.00
24/01/2024 03:00	0.8	298	17	1.4	0.00
24/01/2024 03:10	0.2	320	19	0.8	0.00
24/01/2024 03:20	0.3	190	11	0.8	0.00
24/01/2024 03:30	0.4	302	12	0.8	0.00
24/01/2024 03:40	0.3	179	5	0.8	0.00
24/01/2024 03:50	0.9	67	8	1.6	0.00
24/01/2024 04:00	0.7	40	15	1.2	0.00
24/01/2024 04:10	0.8	67	11	1.2	0.00
24/01/2024 04:20	0.9	58	16	1.2	0.00
24/01/2024 04:30	1.0	78	12	1.4	0.00
24/01/2024 04:40	1.2	78	12	1.7	0.00
24/01/2024 04:50	1.4	86	11	2.0	0.00
24/01/2024 05:00	1.8	93	10	2.3	0.00
24/01/2024 05:10	1.8	84	11	2.7	0.00
24/01/2024 05:20	1.9	76	10	2.4	0.00
24/01/2024 05:30	1.7	86	11	2.4	0.00
24/01/2024 05:40	1.9	87	12	2.7	0.00
24/01/2024 05:50	1.9	82	11	2.8	0.00
24/01/2024 06:00	1.8	66	11	2.6	0.00
24/01/2024 06:10	1.8	73	12	2.6	0.00
24/01/2024 06:20	1.7	71	10	2.2	0.00
24/01/2024 06:30	1.4	57	12	2.0	0.00
24/01/2024 06:40	0.8	64	13	1.3	0.00
24/01/2024 06:50	1.2	104	12	2.0	0.00
24/01/2024 07:00	1.4	86	13	2.0	0.00
24/01/2024 07:10	1.1	76	16	1.9	0.00
24/01/2024 07:20	1.0	54	17	2.0	0.00
24/01/2024 07:30	1.3	91	21	2.1	0.00
24/01/2024 07:40	1.2	91	16	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 07:50	1.8	105	16	2.8	0.00
24/01/2024 08:00	1.8	99	20	3.1	0.00
24/01/2024 08:10	2.7	88	15	4.0	0.00
24/01/2024 08:20	2.7	83	15	4.3	0.00
24/01/2024 08:30	2.5	91	17	4.3	0.00
24/01/2024 08:40	3.3	92	15	4.9	0.00
24/01/2024 08:50	2.6	93	20	4.4	0.00
24/01/2024 09:00	2.9	94	15	4.9	0.00
24/01/2024 09:10	3.6	96	16	5.1	0.00
24/01/2024 09:20	3.2	103	15	5.0	0.00
24/01/2024 09:30	3.4	101	14	5.6	0.00
24/01/2024 09:40	3.5	104	15	5.6	0.00
24/01/2024 09:50	3.3	99	19	5.6	0.00
24/01/2024 10:00	3.5	95	14	4.8	0.00
24/01/2024 10:10	3.6	91	15	5.0	0.00
24/01/2024 10:20	3.4	98	16	4.8	0.00
24/01/2024 10:30	3.0	94	20	4.3	0.00
24/01/2024 10:40	3.6	84	16	5.5	0.00
24/01/2024 10:50	3.5	85	14	5.1	0.00
24/01/2024 11:00	3.7	92	16	5.4	0.00
24/01/2024 11:10	3.8	93	16	5.9	0.00
24/01/2024 11:20	3.7	89	16	5.1	0.00
24/01/2024 11:30	4.0	95	16	5.6	0.00
24/01/2024 11:40	4.3	88	16	5.9	0.00
24/01/2024 11:50	3.9	92	13	5.4	0.00
24/01/2024 12:00	4.5	82	14	6.4	0.00
24/01/2024 12:10	4.6	85	14	6.5	0.00
24/01/2024 12:20	4.1	86	16	6.0	0.00
24/01/2024 12:30	4.1	77	16	6.0	0.00
24/01/2024 12:40	4.4	77	13	6.5	0.00
24/01/2024 12:50	4.4	90	14	5.9	0.00
24/01/2024 13:00	4.6	81	15	6.4	0.00
24/01/2024 13:10	4.3	84	16	6.3	0.00
24/01/2024 13:20	4.4	78	15	6.5	0.00
24/01/2024 13:30	4.4	80	17	6.0	0.00
24/01/2024 13:40	4.7	75	14	6.6	0.00
24/01/2024 13:50	5.1	77	14	6.9	0.00
24/01/2024 14:00	5.1	79	12	7.0	0.00
24/01/2024 14:10	4.5	68	12	6.4	0.00
24/01/2024 14:20	5.2	56	16	7.0	0.00
24/01/2024 14:30	5.8	63	12	7.9	0.00
24/01/2024 14:40	5.5	64	14	7.6	0.00
24/01/2024 14:50	5.3	44	17	7.5	0.00
24/01/2024 15:00	5.6	43	16	7.8	0.00
24/01/2024 15:10	5.5	40	15	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 15:20	4.8	31	17	7.2	0.00
24/01/2024 15:30	4.1	3	26	6.5	0.00
24/01/2024 15:40	4.3	178	21	6.1	0.00
24/01/2024 15:50	4.2	10	19	6.1	0.00
24/01/2024 16:00	4.3	181	22	6.0	0.00
24/01/2024 16:10	4.6	347	17	6.2	0.00
24/01/2024 16:20	4.2	179	19	6.8	0.00
24/01/2024 16:30	4.3	354	16	6.0	0.00
24/01/2024 16:40	4.2	355	20	6.0	0.00
24/01/2024 16:50	4.7	353	19	6.9	0.00
24/01/2024 17:00	4.3	356	18	6.5	0.00
24/01/2024 17:10	4.9	344	18	7.2	0.00
24/01/2024 17:20	4.8	339	19	6.6	0.00
24/01/2024 17:30	4.3	345	22	6.0	0.00
24/01/2024 17:40	5.0	339	20	6.9	0.00
24/01/2024 17:50	4.7	343	18	7.1	0.00
24/01/2024 18:00	4.4	353	19	7.5	0.00
24/01/2024 18:10	4.6	347	16	6.9	0.00
24/01/2024 18:20	4.7	349	21	7.1	0.00
24/01/2024 18:30	4.0	341	22	6.6	0.00
24/01/2024 18:40	4.1	315	20	7.2	0.00
24/01/2024 18:50	4.7	308	16	7.4	0.00
24/01/2024 19:00	4.3	309	18	7.2	0.00
24/01/2024 19:10	5.6	301	12	8.4	0.00
24/01/2024 19:20	6.2	294	11	8.4	0.00
24/01/2024 19:30	5.6	300	11	7.6	0.00
24/01/2024 19:40	5.3	304	16	7.4	0.00
24/01/2024 19:50	6.0	300	11	8.2	0.00
24/01/2024 20:00	5.8	303	12	8.3	0.00
24/01/2024 20:10	6.2	294	12	8.2	0.00
24/01/2024 20:20	6.1	295	12	7.9	0.00
24/01/2024 20:30	6.1	296	10	8.0	0.00
24/01/2024 20:40	5.3	293	14	7.2	0.00
24/01/2024 20:50	5.1	291	13	7.1	0.00
24/01/2024 21:00	4.8	291	14	6.5	0.00
24/01/2024 21:10	4.2	275	15	6.0	0.00
24/01/2024 21:20	4.2	266	14	5.4	0.00
24/01/2024 21:30	3.2	240	19	4.8	0.00
24/01/2024 21:40	3.1	254	12	4.3	0.00
24/01/2024 21:50	3.3	264	13	4.6	0.00
24/01/2024 22:00	3.3	284	14	4.8	0.00
24/01/2024 22:10	3.2	281	13	4.5	0.00
24/01/2024 22:20	2.8	274	15	3.9	0.00
24/01/2024 22:30	2.6	272	14	3.6	0.00
24/01/2024 22:40	3.3	286	12	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 22:50	3.0	283	17	4.4	0.00
24/01/2024 23:00	3.7	293	13	5.2	0.00
24/01/2024 23:10	4.7	300	10	6.5	0.00
24/01/2024 23:20	4.9	300	10	6.8	0.00
24/01/2024 23:30	4.9	302	13	6.8	0.00
24/01/2024 23:40	5.8	296	10	7.8	0.00
24/01/2024 23:50	5.3	292	11	7.5	0.00
25/01/2024 00:00	4.5	291	13	6.4	0.00
25/01/2024 00:10	5.1	297	9	6.6	0.00
25/01/2024 00:20	4.4	291	12	5.8	0.00
25/01/2024 00:30	4.5	293	13	6.3	0.00
25/01/2024 00:40	4.7	290	12	6.1	0.00
25/01/2024 00:50	4.3	289	13	5.8	0.00
25/01/2024 01:00	4.2	291	11	5.8	0.00
25/01/2024 01:10	3.1	283	15	4.3	0.00
25/01/2024 01:20	3.3	285	13	4.5	0.00
25/01/2024 01:30	3.5	291	15	5.3	0.00
25/01/2024 01:40	3.0	287	15	4.2	0.00
25/01/2024 01:50	2.8	288	15	4.4	0.00
25/01/2024 02:00	2.7	290	15	4.0	0.00
25/01/2024 02:10	2.9	284	17	4.1	0.00
25/01/2024 02:20	2.9	283	16	4.3	0.00
25/01/2024 02:30	3.2	278	15	4.8	0.00
25/01/2024 02:40	3.3	282	13	4.4	0.00
25/01/2024 02:50	2.2	273	19	3.4	0.00
25/01/2024 03:00	2.6	276	15	3.8	0.00
25/01/2024 03:10	2.9	280	16	4.4	0.00
25/01/2024 03:20	2.7	277	14	4.0	0.00
25/01/2024 03:30	2.8	283	15	3.7	0.00
25/01/2024 03:40	2.9	281	16	4.0	0.00
25/01/2024 03:50	2.8	276	18	4.0	0.00
25/01/2024 04:00	3.1	258	11	4.0	0.00
25/01/2024 04:10	2.8	265	12	4.0	0.00
25/01/2024 04:20	2.6	269	13	3.5	0.00
25/01/2024 04:30	2.5	270	12	3.6	0.00
25/01/2024 04:40	2.8	274	12	3.9	0.00
25/01/2024 04:50	2.8	266	11	3.5	0.00
25/01/2024 05:00	2.6	268	13	3.3	0.00
25/01/2024 05:10	2.6	272	14	3.6	0.00
25/01/2024 05:20	2.6	264	11	3.6	0.00
25/01/2024 05:30	2.6	272	15	3.6	0.00
25/01/2024 05:40	2.5	269	13	3.6	0.00
25/01/2024 05:50	2.7	269	12	3.7	0.00
25/01/2024 06:00	3.2	265	11	4.1	0.00
25/01/2024 06:10	2.5	269	13	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 06:20	2.5	266	12	3.5	0.00
25/01/2024 06:30	2.5	261	13	3.3	0.00
25/01/2024 06:40	2.6	264	14	3.3	0.00
25/01/2024 06:50	2.3	276	17	3.2	0.00
25/01/2024 07:00	2.4	291	15	3.2	0.00
25/01/2024 07:10	2.4	301	14	3.4	0.00
25/01/2024 07:20	2.6	294	15	3.7	0.00
25/01/2024 07:30	2.5	290	16	3.9	0.00
25/01/2024 07:40	2.2	302	20	3.2	0.00
25/01/2024 07:50	2.5	296	15	3.9	0.00
25/01/2024 08:00	2.9	298	13	4.4	0.00
25/01/2024 08:10	2.9	295	16	4.1	0.00
25/01/2024 08:20	2.8	278	21	4.5	0.00
25/01/2024 08:30	3.2	289	19	4.7	0.00
25/01/2024 08:40	3.4	282	23	4.9	0.00
25/01/2024 08:50	2.8	281	22	4.4	0.00
25/01/2024 09:00	3.1	253	18	4.9	0.00
25/01/2024 09:10	3.2	247	24	4.9	0.00
25/01/2024 09:20	3.4	233	16	4.8	0.00
25/01/2024 09:30	2.7	241	18	4.4	0.00
25/01/2024 09:40	3.6	256	17	5.6	0.00
25/01/2024 09:50	3.8	259	15	6.0	0.00
25/01/2024 10:00	4.5	257	11	5.7	0.00
25/01/2024 10:10	4.2	258	14	5.6	0.00
25/01/2024 10:20	3.9	262	18	6.1	0.00
25/01/2024 10:30	4.2	261	18	5.9	0.00
25/01/2024 10:40	3.9	278	25	5.8	0.00
25/01/2024 10:50	4.1	302	19	5.7	0.00
25/01/2024 11:00	4.5	305	16	6.1	0.00
25/01/2024 11:10	4.7	302	14	6.5	0.00
25/01/2024 11:20	4.8	298	12	6.3	0.00
25/01/2024 11:30	4.6	300	15	6.7	0.00
25/01/2024 11:40	4.8	295	13	6.4	0.00
25/01/2024 11:50	5.0	286	13	6.8	0.00
25/01/2024 12:00	5.0	297	15	6.8	0.00
25/01/2024 12:10	4.8	306	19	6.9	0.00
25/01/2024 12:20	4.6	289	19	6.6	0.00
25/01/2024 12:30	4.8	301	17	6.9	0.00
25/01/2024 12:40	5.1	308	15	7.2	0.00
25/01/2024 12:50	5.2	306	17	7.6	0.00
25/01/2024 13:00	5.5	308	16	7.5	0.00
25/01/2024 13:10	5.6	299	16	7.8	0.00
25/01/2024 13:20	5.8	306	15	7.9	0.00
25/01/2024 13:30	5.6	299	16	8.4	0.00
25/01/2024 13:40	5.6	302	16	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 13:50	6.6	295	11	8.3	0.00
25/01/2024 14:00	6.7	294	13	8.8	0.00
25/01/2024 14:10	6.8	295	13	9.0	0.00
25/01/2024 14:20	6.2	296	14	8.4	0.00
25/01/2024 14:30	6.6	297	12	8.3	0.00
25/01/2024 14:40	6.5	293	14	8.4	0.00
25/01/2024 14:50	6.8	297	11	9.4	0.00
25/01/2024 15:00	7.0	294	13	9.0	0.00
25/01/2024 15:10	6.4	300	13	8.3	0.00
25/01/2024 15:20	6.7	295	12	8.5	0.00
25/01/2024 15:30	6.8	301	12	8.8	0.00
25/01/2024 15:40	6.7	297	13	9.0	0.00
25/01/2024 15:50	6.6	297	14	8.8	0.00
25/01/2024 16:00	6.9	294	13	9.7	0.00
25/01/2024 16:10	6.8	296	12	9.2	0.00
25/01/2024 16:20	6.8	295	15	9.3	0.00
25/01/2024 16:30	6.5	295	15	8.9	0.00
25/01/2024 16:40	6.5	295	11	8.6	0.00
25/01/2024 16:50	6.9	295	12	9.0	0.00
25/01/2024 17:00	6.6	297	13	8.7	0.00
25/01/2024 17:10	7.2	291	13	9.2	0.00
25/01/2024 17:20	7.4	294	11	10.1	0.00
25/01/2024 17:30	6.6	293	13	8.5	0.00
25/01/2024 17:40	7.1	292	12	8.9	0.00
25/01/2024 17:50	6.6	287	14	9.1	0.00
25/01/2024 18:00	6.0	286	14	8.2	0.00
25/01/2024 18:10	5.7	287	15	8.2	0.00
25/01/2024 18:20	5.9	289	13	8.2	0.00
25/01/2024 18:30	5.7	294	12	8.0	0.00
25/01/2024 18:40	5.0	274	17	7.1	0.00
25/01/2024 18:50	5.7	268	12	7.5	0.00
25/01/2024 19:00	6.4	262	11	8.7	0.00
25/01/2024 19:10	6.7	262	12	9.5	0.00
25/01/2024 19:20	6.5	262	12	9.5	0.00
25/01/2024 19:30	7.0	264	11	9.0	0.00
25/01/2024 19:40	6.9	263	10	9.5	0.00
25/01/2024 19:50	6.7	263	11	8.8	0.00
25/01/2024 20:00	6.9	262	11	9.1	0.00
25/01/2024 20:10	6.6	262	10	8.4	0.00
25/01/2024 20:20	6.6	265	11	8.2	0.00
25/01/2024 20:30	7.3	261	9	9.0	0.00
25/01/2024 20:40	6.8	263	10	8.7	0.00
25/01/2024 20:50	7.3	261	10	9.1	0.00
25/01/2024 21:00	7.0	261	10	8.8	0.00
25/01/2024 21:10	7.1	262	9	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 21:20	7.6	259	11	10.0	0.00
25/01/2024 21:30	7.1	263	10	9.7	0.00
25/01/2024 21:40	7.2	259	12	9.6	0.00
25/01/2024 21:50	7.7	261	9	9.7	0.00
25/01/2024 22:00	6.8	261	10	9.1	0.00
25/01/2024 22:10	7.8	262	10	10.2	0.00
25/01/2024 22:20	7.3	258	10	9.2	0.00
25/01/2024 22:30	7.2	261	10	9.5	0.00
25/01/2024 22:40	6.7	262	9	9.3	0.00
25/01/2024 22:50	7.3	260	10	9.3	0.00
25/01/2024 23:00	7.4	263	10	10.0	0.00
25/01/2024 23:10	6.8	261	10	9.7	0.00
25/01/2024 23:20	6.3	262	11	8.7	0.00
25/01/2024 23:30	6.9	262	9	8.6	0.00
25/01/2024 23:40	6.2	260	10	8.0	0.00
25/01/2024 23:50	6.5	262	9	8.9	0.00
26/01/2024 00:00	6.4	263	9	8.2	0.00
26/01/2024 00:10	7.4	263	8	9.5	0.00
26/01/2024 00:20	7.0	262	9	8.7	0.00
26/01/2024 00:30	6.0	263	9	8.1	0.00
26/01/2024 00:40	6.0	262	10	7.9	0.00
26/01/2024 00:50	6.1	261	10	8.3	0.00
26/01/2024 01:00	5.8	263	11	7.7	0.00
26/01/2024 01:10	5.9	262	9	7.5	0.00
26/01/2024 01:20	6.5	262	9	8.6	0.00
26/01/2024 01:30	6.2	263	10	8.3	0.00
26/01/2024 01:40	5.8	262	10	8.4	0.00
26/01/2024 01:50	6.0	263	12	8.3	0.00
26/01/2024 02:00	6.2	263	10	8.8	0.00
26/01/2024 02:10	6.4	263	9	8.4	0.00
26/01/2024 02:20	6.2	263	9	7.8	0.00
26/01/2024 02:30	6.2	264	11	8.4	0.00
26/01/2024 02:40	6.1	262	10	8.9	0.00
26/01/2024 02:50	6.7	262	10	9.0	0.00
26/01/2024 03:00	6.6	262	9	8.7	0.00
26/01/2024 03:10	6.8	264	10	9.1	0.00
26/01/2024 03:20	7.0	261	11	9.3	0.00
26/01/2024 03:30	7.1	261	10	9.0	0.00
26/01/2024 03:40	7.2	261	9	9.5	0.00
26/01/2024 03:50	6.7	260	11	8.8	0.00
26/01/2024 04:00	6.9	258	10	8.7	0.00
26/01/2024 04:10	6.4	253	10	7.9	0.00
26/01/2024 04:20	4.6	226	18	6.3	0.00
26/01/2024 04:30	3.2	232	17	4.4	0.00
26/01/2024 04:40	4.7	254	12	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 04:50	5.6	254	11	7.7	0.00
26/01/2024 05:00	4.8	251	12	6.4	0.00
26/01/2024 05:10	4.1	246	12	5.7	0.00
26/01/2024 05:20	4.2	256	13	6.1	0.00
26/01/2024 05:30	4.2	255	13	5.7	0.00
26/01/2024 05:40	3.2	238	16	4.8	0.00
26/01/2024 05:50	3.3	238	13	4.8	0.00
26/01/2024 06:00	2.6	235	20	3.7	0.00
26/01/2024 06:10	3.1	239	12	4.0	0.00
26/01/2024 06:20	3.4	252	13	4.4	0.00
26/01/2024 06:30	3.9	243	14	5.5	0.00
26/01/2024 06:40	4.1	235	15	6.0	0.00
26/01/2024 06:50	4.3	245	16	5.7	0.00
26/01/2024 07:00	4.8	252	13	6.4	0.00
26/01/2024 07:10	4.2	240	14	6.1	0.00
26/01/2024 07:20	4.7	248	12	6.4	0.00
26/01/2024 07:30	4.8	245	14	7.5	0.00
26/01/2024 07:40	5.0	245	13	6.8	0.00
26/01/2024 07:50	4.9	250	13	6.2	0.00
26/01/2024 08:00	4.8	248	14	6.6	0.00
26/01/2024 08:10	4.8	242	13	6.5	0.00
26/01/2024 08:20	5.3	244	12	7.0	0.00
26/01/2024 08:30	4.7	244	14	6.1	0.00
26/01/2024 08:40	5.0	247	14	6.6	0.00
26/01/2024 08:50	5.1	247	15	6.8	0.00
26/01/2024 09:00	5.1	248	13	6.9	0.00
26/01/2024 09:10	4.9	252	14	6.0	0.00
26/01/2024 09:20	5.5	252	11	7.2	0.00
26/01/2024 09:30	5.8	256	14	7.7	0.00
26/01/2024 09:40	5.5	261	13	7.5	0.00
26/01/2024 09:50	5.9	259	15	7.5	0.00
26/01/2024 10:00	5.9	266	14	7.9	0.00
26/01/2024 10:10	6.0	262	14	7.5	0.00
26/01/2024 10:20	5.8	268	14	7.5	0.00
26/01/2024 10:30	6.5	261	14	8.3	0.00
26/01/2024 10:40	6.4	267	16	8.3	0.00
26/01/2024 10:50	6.6	265	14	9.1	0.00
26/01/2024 11:00	6.1	266	15	8.2	0.00
26/01/2024 11:10	6.1	262	14	8.5	0.00
26/01/2024 11:20	6.7	262	13	9.1	0.00
26/01/2024 11:30	6.2	262	12	7.8	0.00
26/01/2024 11:40	6.3	262	14	8.3	0.00
26/01/2024 11:50	6.4	262	14	8.4	0.00
26/01/2024 12:00	6.4	267	15	8.7	0.00
26/01/2024 12:10	6.8	264	9	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 12:20	5.8	257	15	7.6	0.00
26/01/2024 12:30	5.9	255	14	7.7	0.00
26/01/2024 12:40	5.8	252	14	8.3	0.00
26/01/2024 12:50	6.0	262	15	8.4	0.00
26/01/2024 13:00	5.9	261	13	8.0	0.00
26/01/2024 13:10	6.8	265	12	8.5	0.00
26/01/2024 13:20	7.2	264	13	9.5	0.00
26/01/2024 13:30	6.9	261	13	9.6	0.00
26/01/2024 13:40	7.2	261	13	9.6	0.00
26/01/2024 13:50	7.5	263	13	9.5	0.00
26/01/2024 14:00	6.8	285	15	9.1	0.00
26/01/2024 14:10	6.9	293	12	9.3	0.00
26/01/2024 14:20	7.0	296	14	9.4	0.00
26/01/2024 14:30	7.5	296	11	10.6	0.00
26/01/2024 14:40	7.2	294	12	9.5	0.00
26/01/2024 14:50	6.5	297	14	8.8	0.00
26/01/2024 15:00	6.4	297	13	9.1	0.00
26/01/2024 15:10	6.2	291	14	8.7	0.00
26/01/2024 15:20	6.7	296	11	9.1	0.00
26/01/2024 15:30	6.3	297	13	8.9	0.00
26/01/2024 15:40	6.7	292	12	9.4	0.00
26/01/2024 15:50	6.6	293	15	9.3	0.00
26/01/2024 16:00	7.4	296	12	9.4	0.00
26/01/2024 16:10	7.3	301	13	9.9	0.00
26/01/2024 16:20	7.0	294	14	9.6	0.00
26/01/2024 16:30	7.2	297	14	10.0	0.00
26/01/2024 16:40	7.3	289	13	9.8	0.00
26/01/2024 16:50	6.7	286	15	8.7	0.00
26/01/2024 17:00	6.6	284	16	9.6	0.00
26/01/2024 17:10	6.8	286	14	9.4	0.00
26/01/2024 17:20	7.1	289	12	10.0	0.00
26/01/2024 17:30	7.1	289	14	9.7	0.00
26/01/2024 17:40	6.5	290	14	9.5	0.00
26/01/2024 17:50	5.9	280	16	8.5	0.00
26/01/2024 18:00	6.1	285	16	8.7	0.00
26/01/2024 18:10	6.7	274	14	9.2	0.00
26/01/2024 18:20	6.3	269	14	9.1	0.00
26/01/2024 18:30	6.7	269	15	9.5	0.00
26/01/2024 18:40	7.1	269	14	9.2	0.00
26/01/2024 18:50	7.1	266	12	9.6	0.00
26/01/2024 19:00	7.4	265	12	10.8	0.00
26/01/2024 19:10	6.0	272	15	7.9	0.00
26/01/2024 19:20	5.3	273	14	7.4	0.00
26/01/2024 19:30	5.7	277	13	7.9	0.00
26/01/2024 19:40	6.5	273	14	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 19:50	5.4	277	13	7.8	0.00
26/01/2024 20:00	6.1	271	15	8.4	0.00
26/01/2024 20:10	6.2	273	13	8.1	0.00
26/01/2024 20:20	6.2	269	12	8.3	0.00
26/01/2024 20:30	6.1	272	14	8.9	0.00
26/01/2024 20:40	6.5	268	12	9.4	0.00
26/01/2024 20:50	6.5	267	13	9.1	0.00
26/01/2024 21:00	5.8	271	15	8.3	0.00
26/01/2024 21:10	6.6	268	11	9.1	0.00
26/01/2024 21:20	7.3	267	12	10.5	0.00
26/01/2024 21:30	7.4	268	11	10.2	0.00
26/01/2024 21:40	7.3	264	11	9.9	0.00
26/01/2024 21:50	7.2	262	10	10.0	0.00
26/01/2024 22:00	6.8	263	9	9.4	0.00
26/01/2024 22:10	7.3	263	11	9.9	0.00
26/01/2024 22:20	7.1	263	10	10.7	0.00
26/01/2024 22:30	6.9	261	10	9.0	0.00
26/01/2024 22:40	7.5	264	11	10.0	0.00
26/01/2024 22:50	7.2	264	10	9.6	0.00
26/01/2024 23:00	7.1	257	9	9.2	0.00
26/01/2024 23:10	6.9	263	11	8.8	0.00
26/01/2024 23:20	7.2	263	9	9.5	0.00
26/01/2024 23:30	6.4	261	10	8.9	0.00
26/01/2024 23:40	7.0	263	11	9.1	0.00
26/01/2024 23:50	6.3	262	10	8.3	0.00
27/01/2024 00:00	6.9	262	11	9.5	0.00
27/01/2024 00:10	7.9	263	9	10.7	0.00
27/01/2024 00:20	6.6	265	12	8.7	0.00
27/01/2024 00:30	6.0	268	13	8.5	0.00
27/01/2024 00:40	6.3	266	12	9.1	0.00
27/01/2024 00:50	5.9	267	13	7.9	0.00
27/01/2024 01:00	6.0	263	11	8.7	0.00
27/01/2024 01:10	6.3	264	12	9.0	0.00
27/01/2024 01:20	5.9	269	13	7.9	0.00
27/01/2024 01:30	5.4	263	12	7.0	0.00
27/01/2024 01:40	5.3	268	12	7.0	0.00
27/01/2024 01:50	5.4	268	13	6.7	0.00
27/01/2024 02:00	5.2	269	10	7.5	0.00
27/01/2024 02:10	5.0	263	12	7.0	0.00
27/01/2024 02:20	4.0	279	17	5.6	0.00
27/01/2024 02:30	4.3	285	17	6.4	0.00
27/01/2024 02:40	4.2	281	16	6.1	0.00
27/01/2024 02:50	4.5	283	14	6.7	0.00
27/01/2024 03:00	4.7	278	14	6.8	0.00
27/01/2024 03:10	4.2	274	14	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 03:20	4.4	272	14	6.4	0.00
27/01/2024 03:30	4.6	274	15	6.3	0.00
27/01/2024 03:40	4.9	274	15	7.2	0.00
27/01/2024 03:50	4.8	272	13	6.6	0.00
27/01/2024 04:00	5.0	269	13	6.4	0.00
27/01/2024 04:10	4.7	267	13	6.6	0.00
27/01/2024 04:20	5.0	267	13	7.2	0.00
27/01/2024 04:30	5.0	269	14	6.8	0.00
27/01/2024 04:40	4.7	269	14	6.9	0.00
27/01/2024 04:50	5.2	270	13	6.8	0.00
27/01/2024 05:00	4.3	270	15	6.1	0.00
27/01/2024 05:10	4.8	269	15	7.0	0.00
27/01/2024 05:20	4.9	268	14	7.2	0.00
27/01/2024 05:30	4.8	273	14	6.9	0.00
27/01/2024 05:40	4.8	273	14	6.8	0.00
27/01/2024 05:50	4.3	276	16	7.0	0.00
27/01/2024 06:00	4.9	275	14	7.0	0.00
27/01/2024 06:10	4.7	273	16	6.5	0.00
27/01/2024 06:20	4.2	274	16	5.8	0.00
27/01/2024 06:30	4.5	269	14	6.0	0.00
27/01/2024 06:40	4.7	275	14	6.6	0.00
27/01/2024 06:50	4.3	283	15	6.4	0.00
27/01/2024 07:00	4.7	281	18	6.1	0.00
27/01/2024 07:10	4.6	284	18	7.4	0.00
27/01/2024 07:20	5.0	274	16	6.8	0.00
27/01/2024 07:30	4.9	270	17	6.6	0.00
27/01/2024 07:40	4.8	271	16	6.8	0.00
27/01/2024 07:50	4.3	279	14	5.8	0.00
27/01/2024 08:00	4.7	276	14	7.0	0.00
27/01/2024 08:10	4.3	268	16	6.6	0.00
27/01/2024 08:20	4.8	280	14	6.4	0.00
27/01/2024 08:30	4.0	286	16	5.6	0.00
27/01/2024 08:40	4.0	289	15	5.6	0.00
27/01/2024 08:50	4.4	287	17	6.2	0.00
27/01/2024 09:00	4.5	277	17	6.7	0.00
27/01/2024 09:10	4.5	278	17	7.0	0.00
27/01/2024 09:20	4.6	274	16	6.4	0.00
27/01/2024 09:30	4.3	289	18	5.8	0.00
27/01/2024 09:40	4.8	288	14	6.6	0.00
27/01/2024 09:50	4.9	292	14	6.3	0.00
27/01/2024 10:00	4.1	286	17	5.3	0.00
27/01/2024 10:10	4.4	286	17	6.1	0.00
27/01/2024 10:20	5.1	292	16	6.7	0.00
27/01/2024 10:30	5.1	293	14	6.6	0.00
27/01/2024 10:40	5.4	290	13	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 10:50	4.8	288	17	6.9	0.00
27/01/2024 11:00	5.1	288	15	7.0	0.00
27/01/2024 11:10	5.1	297	13	7.5	0.00
27/01/2024 11:20	5.2	288	13	7.2	0.00
27/01/2024 11:30	5.5	292	15	7.5	0.00
27/01/2024 11:40	5.6	292	13	7.7	0.00
27/01/2024 11:50	6.1	297	15	8.4	0.00
27/01/2024 12:00	6.3	292	14	8.4	0.00
27/01/2024 12:10	6.4	295	13	9.1	0.00
27/01/2024 12:20	6.4	297	13	8.6	0.00
27/01/2024 12:30	5.9	298	15	8.0	0.00
27/01/2024 12:40	6.0	293	15	8.3	0.00
27/01/2024 12:50	5.8	292	14	8.1	0.00
27/01/2024 13:00	5.8	294	14	8.2	0.00
27/01/2024 13:10	6.0	296	12	8.6	0.00
27/01/2024 13:20	5.9	301	15	8.1	0.00
27/01/2024 13:30	6.3	296	13	8.9	0.00
27/01/2024 13:40	6.2	296	15	8.3	0.00
27/01/2024 13:50	6.1	292	14	8.3	0.00
27/01/2024 14:00	6.5	294	13	8.5	0.00
27/01/2024 14:10	6.0	297	17	8.4	0.00
27/01/2024 14:20	6.1	293	14	8.2	0.00
27/01/2024 14:30	6.2	294	16	8.7	0.00
27/01/2024 14:40	6.3	291	16	8.4	0.00
27/01/2024 14:50	6.8	295	14	9.7	0.00
27/01/2024 15:00	6.4	295	13	9.1	0.00
27/01/2024 15:10	6.5	297	12	8.5	0.00
27/01/2024 15:20	5.9	295	16	7.9	0.00
27/01/2024 15:30	6.3	292	13	8.6	0.00
27/01/2024 15:40	6.3	291	16	8.8	0.00
27/01/2024 15:50	6.1	293	13	8.4	0.00
27/01/2024 16:00	5.8	296	12	8.1	0.00
27/01/2024 16:10	5.7	293	16	8.3	0.00
27/01/2024 16:20	6.0	288	17	8.3	0.00
27/01/2024 16:30	6.2	295	13	8.3	0.00
27/01/2024 16:40	5.6	291	15	7.6	0.00
27/01/2024 16:50	6.2	288	15	8.3	0.00
27/01/2024 17:00	6.0	286	17	8.5	0.00
27/01/2024 17:10	6.0	292	13	8.2	0.00
27/01/2024 17:20	5.4	288	16	7.5	0.00
27/01/2024 17:30	5.6	292	14	8.0	0.00
27/01/2024 17:40	5.9	271	15	8.3	0.00
27/01/2024 17:50	6.0	291	14	8.3	0.00
27/01/2024 18:00	5.6	287	15	8.3	0.00
27/01/2024 18:10	5.7	288	14	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 18:20	6.2	291	16	9.1	0.00
27/01/2024 18:30	5.5	282	17	8.3	0.00
27/01/2024 18:40	5.2	288	16	7.3	0.00
27/01/2024 18:50	5.2	286	16	7.2	0.00
27/01/2024 19:00	5.1	277	16	7.2	0.00
27/01/2024 19:10	4.7	285	18	7.1	0.00
27/01/2024 19:20	4.8	280	15	6.7	0.00
27/01/2024 19:30	4.7	270	19	6.8	0.00
27/01/2024 19:40	5.2	271	14	7.2	0.00
27/01/2024 19:50	5.0	263	12	7.1	0.00
27/01/2024 20:00	4.9	269	14	6.9	0.00
27/01/2024 20:10	4.9	273	15	7.0	0.00
27/01/2024 20:20	4.5	271	15	5.9	0.00
27/01/2024 20:30	4.1	272	15	6.3	0.00
27/01/2024 20:40	4.5	272	12	6.1	0.00
27/01/2024 20:50	4.2	276	15	6.2	0.00
27/01/2024 21:00	4.4	277	16	6.5	0.00
27/01/2024 21:10	4.9	275	15	6.9	0.00
27/01/2024 21:20	4.3	270	14	6.1	0.00
27/01/2024 21:30	4.0	272	15	5.8	0.00
27/01/2024 21:40	4.2	271	14	5.9	0.00
27/01/2024 21:50	4.3	267	14	5.9	0.00
27/01/2024 22:00	4.0	267	15	6.0	0.00
27/01/2024 22:10	4.1	278	18	7.0	0.00
27/01/2024 22:20	4.8	271	15	6.8	0.00
27/01/2024 22:30	5.0	271	13	6.8	0.00
27/01/2024 22:40	4.2	283	16	5.8	0.00
27/01/2024 22:50	4.5	276	17	6.0	0.00
27/01/2024 23:00	5.0	290	15	6.8	0.00
27/01/2024 23:10	4.7	271	17	6.8	0.00
27/01/2024 23:20	5.3	274	13	6.8	0.00
27/01/2024 23:30	4.9	272	17	7.4	0.00
27/01/2024 23:40	4.5	275	16	6.6	0.00
27/01/2024 23:50	4.7	274	13	6.3	0.00
28/01/2024 00:00	4.8	271	13	6.9	0.00
28/01/2024 00:10	4.9	267	14	7.2	0.00
28/01/2024 00:20	5.0	269	12	6.4	0.00
28/01/2024 00:30	5.0	271	14	6.6	0.00
28/01/2024 00:40	4.6	269	14	6.2	0.00
28/01/2024 00:50	4.8	266	13	6.4	0.00
28/01/2024 01:00	5.0	271	12	7.5	0.00
28/01/2024 01:10	4.9	268	14	7.2	0.00
28/01/2024 01:20	4.9	267	13	6.7	0.00
28/01/2024 01:30	5.0	263	10	6.8	0.00
28/01/2024 01:40	5.0	267	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 01:50	5.3	264	12	7.4	0.00
28/01/2024 02:00	4.9	267	12	6.8	0.00
28/01/2024 02:10	5.9	263	11	8.0	0.00
28/01/2024 02:20	5.9	262	11	8.2	0.00
28/01/2024 02:30	5.5	266	13	7.6	0.00
28/01/2024 02:40	5.8	266	13	7.7	0.00
28/01/2024 02:50	5.9	264	11	7.9	0.00
28/01/2024 03:00	5.7	262	10	8.0	0.00
28/01/2024 03:10	5.2	264	11	7.1	0.00
28/01/2024 03:20	5.5	267	12	7.6	0.00
28/01/2024 03:30	6.2	264	11	8.7	0.00
28/01/2024 03:40	5.2	267	12	7.7	0.00
28/01/2024 03:50	5.3	270	14	7.2	0.00
28/01/2024 04:00	4.9	267	12	7.2	0.00
28/01/2024 04:10	5.3	268	12	7.1	0.00
28/01/2024 04:20	5.3	267	14	7.4	0.00
28/01/2024 04:30	4.4	268	14	6.2	0.00
28/01/2024 04:40	4.3	271	13	5.9	0.00
28/01/2024 04:50	4.0	268	14	5.6	0.00
28/01/2024 05:00	4.3	270	14	6.0	0.00
28/01/2024 05:10	4.6	269	14	6.5	0.00
28/01/2024 05:20	3.9	269	14	5.5	0.00
28/01/2024 05:30	4.0	269	14	6.1	0.00
28/01/2024 05:40	4.0	269	14	5.7	0.00
28/01/2024 05:50	4.8	271	13	6.7	0.00
28/01/2024 06:00	4.9	269	14	6.8	0.00
28/01/2024 06:10	4.5	271	14	6.1	0.00
28/01/2024 06:20	4.4	267	12	5.8	0.00
28/01/2024 06:30	3.6	276	16	5.3	0.00
28/01/2024 06:40	3.9	291	11	5.2	0.00
28/01/2024 06:50	4.1	285	13	5.6	0.00
28/01/2024 07:00	3.8	277	18	6.0	0.00
28/01/2024 07:10	3.6	283	18	5.4	0.00
28/01/2024 07:20	3.9	282	14	5.6	0.00
28/01/2024 07:30	3.7	283	15	5.3	0.00
28/01/2024 07:40	4.2	271	15	5.6	0.00
28/01/2024 07:50	4.6	268	15	6.0	0.00
28/01/2024 08:00	4.6	280	17	6.6	0.00
28/01/2024 08:10	4.2	282	16	6.1	0.00
28/01/2024 08:20	4.1	276	15	6.2	0.00
28/01/2024 08:30	4.4	270	14	5.9	0.00
28/01/2024 08:40	4.2	270	13	5.6	0.00
28/01/2024 08:50	4.5	275	15	6.1	0.00
28/01/2024 09:00	4.6	270	14	6.6	0.00
28/01/2024 09:10	4.5	267	15	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 09:20	4.9	267	12	6.8	0.00
28/01/2024 09:30	4.5	279	17	6.3	0.00
28/01/2024 09:40	4.5	290	15	6.3	0.00
28/01/2024 09:50	4.6	285	14	6.8	0.00
28/01/2024 10:00	4.6	287	15	6.6	0.00
28/01/2024 10:10	5.0	270	16	6.8	0.00
28/01/2024 10:20	5.0	255	13	7.0	0.00
28/01/2024 10:30	5.5	258	11	7.2	0.00
28/01/2024 10:40	5.0	263	13	6.6	0.00
28/01/2024 10:50	5.2	265	15	7.2	0.00
28/01/2024 11:00	5.9	266	14	7.5	0.00
28/01/2024 11:10	5.6	266	13	7.8	0.00
28/01/2024 11:20	5.1	260	13	7.5	0.00
28/01/2024 11:30	5.7	262	11	7.2	0.00
28/01/2024 11:40	5.7	260	12	8.1	0.00
28/01/2024 11:50	5.4	267	14	7.8	0.00
28/01/2024 12:00	4.7	283	15	6.9	0.00
28/01/2024 12:10	5.3	288	16	7.6	0.00
28/01/2024 12:20	5.0	290	15	7.2	0.00
28/01/2024 12:30	5.4	289	13	7.8	0.00
28/01/2024 12:40	5.3	289	16	7.9	0.00
28/01/2024 12:50	5.3	290	15	7.2	0.00
28/01/2024 13:00	5.9	292	13	8.6	0.00
28/01/2024 13:10	5.3	294	15	7.3	0.00
28/01/2024 13:20	6.1	293	13	8.1	0.00
28/01/2024 13:30	6.3	296	13	8.3	0.00
28/01/2024 13:40	6.0	296	15	8.4	0.00
28/01/2024 13:50	5.8	294	14	7.9	0.00
28/01/2024 14:00	5.8	291	16	7.7	0.00
28/01/2024 14:10	6.2	292	14	8.3	0.00
28/01/2024 14:20	5.9	296	15	7.8	0.00
28/01/2024 14:30	6.3	294	12	8.3	0.00
28/01/2024 14:40	6.3	290	14	8.5	0.00
28/01/2024 14:50	6.0	293	15	8.3	0.00
28/01/2024 15:00	6.6	295	13	8.8	0.00
28/01/2024 15:10	6.0	294	14	8.1	0.00
28/01/2024 15:20	5.9	295	13	7.9	0.00
28/01/2024 15:30	6.1	294	13	8.1	0.00
28/01/2024 15:40	6.0	293	13	8.3	0.00
28/01/2024 15:50	6.3	294	14	9.1	0.00
28/01/2024 16:00	6.1	294	13	8.3	0.00
28/01/2024 16:10	6.2	294	14	8.4	0.00
28/01/2024 16:20	6.2	293	12	8.0	0.00
28/01/2024 16:30	6.0	295	12	8.0	0.00
28/01/2024 16:40	6.4	297	12	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 16:50	6.1	292	14	8.7	0.00
28/01/2024 17:00	5.9	295	16	8.3	0.00
28/01/2024 17:10	5.3	288	16	8.3	0.00
28/01/2024 17:20	6.0	295	10	8.3	0.00
28/01/2024 17:30	6.3	295	12	8.5	0.00
28/01/2024 17:40	6.2	294	13	8.2	0.00
28/01/2024 17:50	5.9	293	14	8.4	0.00
28/01/2024 18:00	6.4	293	12	8.6	0.00
28/01/2024 18:10	5.7	291	11	8.5	0.00
28/01/2024 18:20	5.5	288	14	7.5	0.00
28/01/2024 18:30	5.3	283	15	7.2	0.00
28/01/2024 18:40	5.8	291	14	8.6	0.00
28/01/2024 18:50	6.1	286	12	8.0	0.00
28/01/2024 19:00	5.4	284	15	7.7	0.00
28/01/2024 19:10	5.5	289	15	7.9	0.00
28/01/2024 19:20	5.6	277	14	7.8	0.00
28/01/2024 19:30	5.1	276	14	7.0	0.00
28/01/2024 19:40	5.9	271	14	8.2	0.00
28/01/2024 19:50	5.0	275	14	7.4	0.00
28/01/2024 20:00	5.1	282	18	7.2	0.00
28/01/2024 20:10	5.4	285	16	7.8	0.00
28/01/2024 20:20	5.6	286	14	7.6	0.00
28/01/2024 20:30	5.2	280	18	7.4	0.00
28/01/2024 20:40	4.9	275	15	7.1	0.00
28/01/2024 20:50	5.5	269	13	7.5	0.00
28/01/2024 21:00	5.3	274	13	7.3	0.00
28/01/2024 21:10	5.4	276	15	7.6	0.00
28/01/2024 21:20	5.5	275	16	7.6	0.00
28/01/2024 21:30	5.7	278	14	8.0	0.00
28/01/2024 21:40	5.6	273	15	7.5	0.00
28/01/2024 21:50	5.2	269	14	7.1	0.00
28/01/2024 22:00	4.9	270	13	6.8	0.00
28/01/2024 22:10	5.9	271	14	7.8	0.00
28/01/2024 22:20	5.9	272	14	8.2	0.00
28/01/2024 22:30	5.6	269	12	8.0	0.00
28/01/2024 22:40	5.4	264	11	7.5	0.00
28/01/2024 22:50	6.3	265	11	8.3	0.00
28/01/2024 23:00	6.2	265	12	8.3	0.00
28/01/2024 23:10	6.6	262	9	8.8	0.00
28/01/2024 23:20	7.1	265	12	8.7	0.00
28/01/2024 23:30	6.7	263	9	9.5	0.00
28/01/2024 23:40	6.9	262	10	9.3	0.00
28/01/2024 23:50	7.3	260	10	9.9	0.00
29/01/2024 00:00	6.9	261	11	9.1	0.00
29/01/2024 00:10	7.1	261	10	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 00:20	7.0	260	10	9.6	0.00
29/01/2024 00:30	6.5	261	11	8.6	0.00
29/01/2024 00:40	6.1	258	11	8.2	0.00
29/01/2024 00:50	5.9	258	12	8.5	0.00
29/01/2024 01:00	6.2	259	10	8.3	0.00
29/01/2024 01:10	5.9	256	12	7.7	0.00
29/01/2024 01:20	5.2	263	10	8.3	0.00
29/01/2024 01:30	5.9	262	10	7.9	0.00
29/01/2024 01:40	6.1	264	11	8.0	0.00
29/01/2024 01:50	6.5	262	11	8.6	0.00
29/01/2024 02:00	6.1	262	10	8.2	0.00
29/01/2024 02:10	6.6	264	9	8.8	0.00
29/01/2024 02:20	6.3	264	9	8.0	0.00
29/01/2024 02:30	5.2	266	10	7.2	0.00
29/01/2024 02:40	4.6	264	11	6.2	0.00
29/01/2024 02:50	4.5	272	13	6.0	0.00
29/01/2024 03:00	4.9	272	14	6.7	0.00
29/01/2024 03:10	4.8	272	14	7.1	0.00
29/01/2024 03:20	4.9	275	12	7.2	0.00
29/01/2024 03:30	4.6	273	13	6.2	0.00
29/01/2024 03:40	4.6	275	15	6.0	0.00
29/01/2024 03:50	4.7	266	13	6.3	0.00
29/01/2024 04:00	4.7	266	10	6.7	0.00
29/01/2024 04:10	4.9	262	11	6.4	0.00
29/01/2024 04:20	5.0	265	13	7.2	0.00
29/01/2024 04:30	4.3	271	14	5.9	0.00
29/01/2024 04:40	4.6	268	12	6.3	0.00
29/01/2024 04:50	4.7	266	13	6.4	0.00
29/01/2024 05:00	4.7	264	12	6.8	0.00
29/01/2024 05:10	4.4	267	13	7.1	0.00
29/01/2024 05:20	5.1	266	11	6.8	0.00
29/01/2024 05:30	5.3	266	11	7.2	0.00
29/01/2024 05:40	5.3	264	11	7.6	0.00
29/01/2024 05:50	5.6	261	11	7.9	0.00
29/01/2024 06:00	5.5	264	11	7.3	0.00
29/01/2024 06:10	5.1	263	10	7.2	0.00
29/01/2024 06:20	5.2	262	11	7.0	0.00
29/01/2024 06:30	5.1	267	12	6.8	0.00
29/01/2024 06:40	5.6	264	9	7.7	0.00
29/01/2024 06:50	5.5	263	11	7.5	0.00
29/01/2024 07:00	5.2	263	11	7.4	0.00
29/01/2024 07:10	5.5	265	13	7.0	0.00
29/01/2024 07:20	5.2	262	10	7.2	0.00
29/01/2024 07:30	5.6	261	10	7.8	0.00
29/01/2024 07:40	5.6	267	12	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 07:50	6.0	259	10	7.9	0.00
29/01/2024 08:00	5.7	262	10	8.0	0.00
29/01/2024 08:10	5.6	262	13	7.7	0.00
29/01/2024 08:20	5.8	263	11	7.5	0.00
29/01/2024 08:30	5.6	262	12	7.5	0.00
29/01/2024 08:40	5.6	260	12	7.7	0.00
29/01/2024 08:50	5.6	263	12	6.8	0.00
29/01/2024 09:00	5.2	266	13	7.1	0.00
29/01/2024 09:10	5.3	269	16	7.4	0.00
29/01/2024 09:20	5.8	263	13	7.8	0.00
29/01/2024 09:30	6.1	266	13	8.0	0.00
29/01/2024 09:40	6.2	265	10	8.3	0.00
29/01/2024 09:50	6.2	261	12	8.4	0.00
29/01/2024 10:00	6.3	263	13	7.9	0.00
29/01/2024 10:10	5.8	262	14	8.3	0.00
29/01/2024 10:20	5.6	268	14	7.5	0.00
29/01/2024 10:30	6.1	265	14	8.1	0.00
29/01/2024 10:40	5.7	271	16	7.8	0.00
29/01/2024 10:50	6.1	271	16	8.1	0.00
29/01/2024 11:00	6.1	264	11	8.3	0.00
29/01/2024 11:10	5.8	261	15	8.0	0.00
29/01/2024 11:20	5.7	251	15	7.9	0.00
29/01/2024 11:30	5.6	256	14	7.9	0.00
29/01/2024 11:40	6.0	263	15	7.7	0.00
29/01/2024 11:50	5.9	260	14	7.7	0.00
29/01/2024 12:00	5.9	258	15	7.4	0.00
29/01/2024 12:10	6.2	263	15	7.9	0.00
29/01/2024 12:20	6.2	264	13	8.1	0.00
29/01/2024 12:30	6.9	260	10	8.8	0.00
29/01/2024 12:40	6.4	263	12	7.9	0.00
29/01/2024 12:50	7.1	261	10	9.0	0.00
29/01/2024 13:00	5.9	283	16	8.7	0.00
29/01/2024 13:10	6.1	297	13	8.0	0.00
29/01/2024 13:20	5.8	293	15	8.7	0.00
29/01/2024 13:30	6.1	298	16	8.3	0.00
29/01/2024 13:40	6.4	294	14	8.3	0.00
29/01/2024 13:50	6.7	288	13	8.9	0.00
29/01/2024 14:00	6.6	296	14	9.4	0.00
29/01/2024 14:10	6.9	295	14	9.5	0.00
29/01/2024 14:20	6.6	300	12	9.0	0.00
29/01/2024 14:30	7.0	295	13	8.8	0.00
29/01/2024 14:40	6.8	295	13	9.7	0.00
29/01/2024 14:50	7.1	296	11	9.4	0.00
29/01/2024 15:00	6.3	294	13	9.0	0.00
29/01/2024 15:10	6.2	293	14	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 15:20	6.5	300	12	8.7	0.00
29/01/2024 15:30	7.0	297	11	9.3	0.00
29/01/2024 15:40	7.1	293	12	9.1	0.00
29/01/2024 15:50	6.6	294	14	9.6	0.00
29/01/2024 16:00	6.8	295	12	9.5	0.00
29/01/2024 16:10	6.6	295	13	9.5	0.00
29/01/2024 16:20	6.8	294	13	9.1	0.00
29/01/2024 16:30	6.4	293	14	9.5	0.00
29/01/2024 16:40	6.7	294	11	9.1	0.00
29/01/2024 16:50	6.4	296	13	9.1	0.00
29/01/2024 17:00	6.5	292	13	9.1	0.00
29/01/2024 17:10	7.0	295	12	9.3	0.00
29/01/2024 17:20	6.3	289	14	8.6	0.00
29/01/2024 17:30	7.1	297	13	9.0	0.00
29/01/2024 17:40	6.7	295	13	8.5	0.00
29/01/2024 17:50	6.0	291	14	9.1	0.00
29/01/2024 18:00	5.8	288	13	8.3	0.00
29/01/2024 18:10	5.5	289	15	7.8	0.00
29/01/2024 18:20	5.8	293	13	7.7	0.00
29/01/2024 18:30	5.7	287	15	8.4	0.00
29/01/2024 18:40	5.5	288	13	7.7	0.00
29/01/2024 18:50	6.1	289	17	7.8	0.00
29/01/2024 19:00	5.5	286	15	7.6	0.00
29/01/2024 19:10	6.1	273	12	8.2	0.00
29/01/2024 19:20	6.3	269	13	8.3	0.00
29/01/2024 19:30	6.0	274	14	8.3	0.00
29/01/2024 19:40	5.6	275	14	7.5	0.00
29/01/2024 19:50	5.8	272	14	8.0	0.00
29/01/2024 20:00	5.7	269	12	8.2	0.00
29/01/2024 20:10	5.9	273	14	8.2	0.00
29/01/2024 20:20	6.0	270	13	8.0	0.00
29/01/2024 20:30	6.0	272	13	8.2	0.00
29/01/2024 20:40	6.6	270	14	9.1	0.00
29/01/2024 20:50	5.2	271	12	7.2	0.00
29/01/2024 21:00	5.4	271	12	7.5	0.00
29/01/2024 21:10	6.2	266	11	8.3	0.00
29/01/2024 21:20	5.8	272	15	7.9	0.00
29/01/2024 21:30	6.1	272	15	8.0	0.00
29/01/2024 21:40	6.2	268	12	8.4	0.00
29/01/2024 21:50	5.9	265	14	8.5	0.00
29/01/2024 22:00	6.1	264	11	7.8	0.00
29/01/2024 22:10	6.4	262	11	8.4	0.00
29/01/2024 22:20	6.5	264	10	8.3	0.00
29/01/2024 22:30	6.3	264	10	8.3	0.00
29/01/2024 22:40	6.6	264	10	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 22:50	5.9	265	10	7.7	0.00
29/01/2024 23:00	5.7	263	11	7.5	0.00
29/01/2024 23:10	6.1	264	9	8.0	0.00
29/01/2024 23:20	6.3	263	10	8.6	0.00
29/01/2024 23:30	5.6	262	9	7.6	0.00
29/01/2024 23:40	5.7	262	10	7.2	0.00
29/01/2024 23:50	5.9	265	10	7.8	0.00
30/01/2024 00:00	6.2	262	10	8.3	0.00
30/01/2024 00:10	5.7	264	11	7.2	0.00
30/01/2024 00:20	5.9	263	10	7.9	0.00
30/01/2024 00:30	5.6	264	11	7.8	0.00
30/01/2024 00:40	5.6	260	11	7.2	0.00
30/01/2024 00:50	5.2	260	12	6.8	0.00
30/01/2024 01:00	4.8	261	11	6.0	0.00
30/01/2024 01:10	4.7	264	10	6.3	0.00
30/01/2024 01:20	5.2	263	9	7.0	0.00
30/01/2024 01:30	4.7	267	11	6.8	0.00
30/01/2024 01:40	5.0	264	8	6.8	0.00
30/01/2024 01:50	4.6	264	10	6.2	0.00
30/01/2024 02:00	4.7	268	12	6.3	0.00
30/01/2024 02:10	4.5	268	12	5.8	0.00
30/01/2024 02:20	3.7	271	14	5.2	0.00
30/01/2024 02:30	3.9	274	12	5.8	0.00
30/01/2024 02:40	3.9	276	15	5.4	0.00
30/01/2024 02:50	4.0	278	14	5.3	0.00
30/01/2024 03:00	4.3	273	13	5.7	0.00
30/01/2024 03:10	4.5	266	10	5.9	0.00
30/01/2024 03:20	4.6	270	14	6.0	0.00
30/01/2024 03:30	4.3	268	11	6.0	0.00
30/01/2024 03:40	4.6	263	10	6.2	0.00
30/01/2024 03:50	4.7	265	11	6.5	0.00
30/01/2024 04:00	4.6	264	12	6.0	0.00
30/01/2024 04:10	3.9	263	11	5.3	0.00
30/01/2024 04:20	3.9	264	11	5.2	0.00
30/01/2024 04:30	3.6	271	14	5.0	0.00
30/01/2024 04:40	3.3	276	15	4.8	0.00
30/01/2024 04:50	3.1	280	15	4.9	0.00
30/01/2024 05:00	3.9	282	16	6.0	0.00
30/01/2024 05:10	3.4	285	17	5.3	0.00
30/01/2024 05:20	3.7	281	13	5.2	0.00
30/01/2024 05:30	3.4	282	16	4.9	0.00
30/01/2024 05:40	3.8	277	14	5.0	0.00
30/01/2024 05:50	3.8	273	15	5.3	0.00
30/01/2024 06:00	4.0	272	13	5.5	0.00
30/01/2024 06:10	4.1	272	13	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 06:20	4.4	271	13	5.6	0.00
30/01/2024 06:30	4.0	273	13	5.6	0.00
30/01/2024 06:40	3.4	276	17	5.0	0.00
30/01/2024 06:50	4.0	271	15	5.5	0.00
30/01/2024 07:00	3.9	271	13	5.2	0.00
30/01/2024 07:10	3.5	286	15	5.6	0.00
30/01/2024 07:20	4.3	274	12	6.0	0.00
30/01/2024 07:30	3.7	273	15	5.0	0.00
30/01/2024 07:40	4.3	273	13	5.3	0.00
30/01/2024 07:50	3.8	275	16	5.4	0.00
30/01/2024 08:00	4.0	269	12	5.2	0.00
30/01/2024 08:10	3.7	266	13	4.8	0.00
30/01/2024 08:20	4.3	269	14	6.0	0.00
30/01/2024 08:30	4.2	267	15	5.4	0.00
30/01/2024 08:40	5.1	261	11	6.7	0.00
30/01/2024 08:50	5.0	264	13	6.6	0.00
30/01/2024 09:00	5.0	265	12	6.4	0.00
30/01/2024 09:10	4.9	266	12	6.8	0.00
30/01/2024 09:20	4.4	265	16	6.0	0.00
30/01/2024 09:30	4.4	262	12	6.3	0.00
30/01/2024 09:40	4.5	266	16	6.4	0.00
30/01/2024 09:50	4.6	270	15	7.1	0.00
30/01/2024 10:00	4.2	274	17	5.9	0.00
30/01/2024 10:10	4.4	275	16	6.7	0.00
30/01/2024 10:20	4.7	275	18	6.3	0.00
30/01/2024 10:30	4.5	261	14	6.1	0.00
30/01/2024 10:40	4.5	267	18	6.8	0.00
30/01/2024 10:50	4.2	266	17	5.9	0.00
30/01/2024 11:00	4.3	264	17	5.8	0.00
30/01/2024 11:10	4.1	266	18	6.0	0.00
30/01/2024 11:20	3.9	289	21	6.0	0.00
30/01/2024 11:30	3.9	302	15	5.7	0.00
30/01/2024 11:40	4.6	303	15	6.5	0.00
30/01/2024 11:50	5.0	309	13	6.5	0.00
30/01/2024 12:00	4.8	306	14	6.8	0.00
30/01/2024 12:10	4.8	301	19	7.0	0.00
30/01/2024 12:20	5.1	297	14	7.0	0.00
30/01/2024 12:30	5.1	296	15	6.9	0.00
30/01/2024 12:40	5.7	295	12	7.6	0.00
30/01/2024 12:50	4.7	301	14	6.7	0.00
30/01/2024 13:00	4.4	297	19	6.0	0.00
30/01/2024 13:10	4.5	305	18	6.8	0.00
30/01/2024 13:20	5.2	308	16	7.4	0.00
30/01/2024 13:30	5.1	305	17	6.7	0.00
30/01/2024 13:40	5.1	304	17	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 13:50	5.5	300	14	8.4	0.00
30/01/2024 14:00	5.4	306	15	7.4	0.00
30/01/2024 14:10	4.8	305	15	6.8	0.00
30/01/2024 14:20	5.5	294	17	7.5	0.00
30/01/2024 14:30	5.2	296	16	7.5	0.00
30/01/2024 14:40	5.9	296	11	7.9	0.00
30/01/2024 14:50	5.6	293	14	7.9	0.00
30/01/2024 15:00	6.0	298	13	8.3	0.00
30/01/2024 15:10	6.1	297	14	7.4	0.00
30/01/2024 15:20	6.2	297	13	8.1	0.00
30/01/2024 15:30	5.9	290	15	8.1	0.00
30/01/2024 15:40	5.8	298	14	7.9	0.00
30/01/2024 15:50	6.4	299	11	8.3	0.00
30/01/2024 16:00	6.0	292	13	7.9	0.00
30/01/2024 16:10	5.7	289	15	7.9	0.00
30/01/2024 16:20	5.7	296	15	8.0	0.00
30/01/2024 16:30	5.9	293	13	8.4	0.00
30/01/2024 16:40	6.0	291	13	7.7	0.00
30/01/2024 16:50	6.3	292	12	8.6	0.00
30/01/2024 17:00	5.7	292	13	7.8	0.00
30/01/2024 17:10	5.0	298	14	6.9	0.00
30/01/2024 17:20	6.1	292	13	8.5	0.00
30/01/2024 17:30	5.9	293	14	7.9	0.00
30/01/2024 17:40	5.7	293	13	8.2	0.00
30/01/2024 17:50	5.5	297	12	7.4	0.00
30/01/2024 18:00	5.4	297	15	7.4	0.00
30/01/2024 18:10	5.8	294	14	7.8	0.00
30/01/2024 18:20	5.8	293	12	7.8	0.00
30/01/2024 18:30	6.0	296	12	7.9	0.00
30/01/2024 18:40	6.0	299	11	7.9	0.00
30/01/2024 18:50	6.1	297	11	8.3	0.00
30/01/2024 19:00	6.1	298	11	8.3	0.00
30/01/2024 19:10	5.9	298	11	7.9	0.00
30/01/2024 19:20	5.2	294	16	7.5	0.00
30/01/2024 19:30	5.2	294	15	7.2	0.00
30/01/2024 19:40	5.5	290	12	8.1	0.00
30/01/2024 19:50	5.0	288	14	7.2	0.00
30/01/2024 20:00	5.7	289	12	7.5	0.00
30/01/2024 20:10	4.9	276	15	7.5	0.00
30/01/2024 20:20	5.3	272	14	7.2	0.00
30/01/2024 20:30	4.8	271	14	6.7	0.00
30/01/2024 20:40	5.5	267	14	7.5	0.00
30/01/2024 20:50	5.6	268	13	7.6	0.00
30/01/2024 21:00	6.1	265	12	8.3	0.00
30/01/2024 21:10	5.9	268	13	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 21:20	6.5	263	9	8.7	0.00
30/01/2024 21:30	5.7	266	12	7.5	0.00
30/01/2024 21:40	6.0	266	13	8.0	0.00
30/01/2024 21:50	5.8	265	11	8.2	0.00
30/01/2024 22:00	5.5	264	12	7.5	0.00
30/01/2024 22:10	5.7	263	12	8.0	0.00
30/01/2024 22:20	5.0	265	12	7.3	0.00
30/01/2024 22:30	5.4	266	11	7.2	0.00
30/01/2024 22:40	5.2	264	10	7.0	0.00
30/01/2024 22:50	5.0	261	9	6.4	0.00
30/01/2024 23:00	5.4	264	9	7.2	0.00
30/01/2024 23:10	5.0	260	10	6.8	0.00
30/01/2024 23:20	4.5	263	11	5.8	0.00
30/01/2024 23:30	4.8	264	9	6.0	0.00
30/01/2024 23:40	4.6	263	10	5.6	0.00
30/01/2024 23:50	4.0	269	13	5.4	0.00
31/01/2024 00:00	3.8	267	13	5.3	0.00
01/02/2024 00:10	2.4	263	10	3.0	0.00
01/02/2024 00:20	2.9	273	16	4.0	0.00
01/02/2024 00:30	3.6	265	13	4.6	0.00
01/02/2024 00:40	3.8	263	9	4.8	0.00
01/02/2024 00:50	3.5	267	12	4.6	0.00
01/02/2024 01:00	3.0	266	15	4.5	0.00
01/02/2024 01:10	3.5	263	12	4.8	0.00
01/02/2024 01:20	3.6	263	10	4.6	0.00
01/02/2024 01:30	4.4	262	9	5.4	0.00
01/02/2024 01:40	3.7	265	10	5.0	0.00
01/02/2024 01:50	3.5	268	11	4.8	0.00
01/02/2024 02:00	3.5	270	11	4.8	0.00
01/02/2024 02:10	3.4	266	11	4.3	0.00
01/02/2024 02:20	3.6	261	10	4.8	0.00
01/02/2024 02:30	2.9	248	10	3.8	0.00
01/02/2024 02:40	2.5	238	12	3.2	0.00
01/02/2024 02:50	2.0	231	13	2.8	0.00
01/02/2024 03:00	1.7	243	13	2.4	0.00
01/02/2024 03:10	1.5	258	15	2.0	0.00
01/02/2024 03:20	2.0	263	10	2.8	0.00
01/02/2024 03:30	2.8	265	9	3.5	0.00
01/02/2024 03:40	3.3	268	11	4.2	0.00
01/02/2024 03:50	3.3	265	12	4.4	0.00
01/02/2024 04:00	3.6	275	14	5.0	0.00
01/02/2024 04:10	3.5	269	13	5.0	0.00
01/02/2024 04:20	3.5	268	12	4.7	0.00
01/02/2024 04:30	2.9	277	15	4.0	0.00
01/02/2024 04:40	3.2	269	14	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 04:50	3.1	272	13	4.2	0.00
01/02/2024 05:00	3.2	282	14	4.4	0.00
01/02/2024 05:10	3.4	286	14	4.5	0.00
01/02/2024 05:20	3.5	276	13	4.8	0.00
01/02/2024 05:30	3.5	269	13	4.7	0.00
01/02/2024 05:40	4.1	264	10	5.2	0.00
01/02/2024 05:50	3.1	279	16	4.4	0.00
01/02/2024 06:00	3.2	269	13	4.4	0.00
01/02/2024 06:10	3.6	271	12	5.0	0.00
01/02/2024 06:20	3.8	264	10	4.6	0.00
01/02/2024 06:30	4.2	266	11	5.7	0.00
01/02/2024 06:40	4.8	260	7	6.0	0.00
01/02/2024 06:50	5.0	262	9	6.3	0.00
01/02/2024 07:00	4.7	263	10	6.0	0.00
01/02/2024 07:10	4.7	263	10	5.8	0.00
01/02/2024 07:20	4.6	262	9	6.0	0.00
01/02/2024 07:30	4.9	263	12	6.4	0.00
01/02/2024 07:40	5.1	264	9	6.1	0.00
01/02/2024 07:50	4.9	262	11	6.4	0.00
01/02/2024 08:00	4.6	261	12	5.9	0.00
01/02/2024 08:10	4.9	264	11	6.7	0.00
01/02/2024 08:20	5.1	265	11	6.9	0.00
01/02/2024 08:30	5.1	266	11	6.6	0.00
01/02/2024 08:40	5.3	263	10	7.1	0.00
01/02/2024 08:50	5.5	263	10	7.7	0.00
01/02/2024 09:00	5.7	266	12	7.7	0.00
01/02/2024 09:10	5.4	270	15	6.8	0.00
01/02/2024 09:20	5.9	264	12	7.4	0.00
01/02/2024 09:30	5.8	265	12	7.4	0.00
01/02/2024 09:40	5.9	267	12	7.5	0.00
01/02/2024 09:50	6.0	266	12	8.4	0.00
01/02/2024 10:00	5.7	272	15	7.2	0.00
01/02/2024 10:10	5.7	267	15	7.4	0.00
01/02/2024 10:20	6.1	261	13	7.9	0.00
01/02/2024 10:30	5.6	262	13	7.6	0.00
01/02/2024 10:40	6.6	268	12	8.6	0.00
01/02/2024 10:50	6.8	266	12	8.7	0.00
01/02/2024 11:00	6.7	260	11	8.4	0.00
01/02/2024 11:10	6.5	263	13	8.6	0.00
01/02/2024 11:20	6.9	263	11	8.8	0.00
01/02/2024 11:30	6.7	262	10	8.7	0.00
01/02/2024 11:40	6.5	262	13	8.5	0.00
01/02/2024 11:50	6.4	270	16	8.3	0.00
01/02/2024 12:00	6.6	261	12	8.3	0.00
01/02/2024 12:10	6.4	262	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 12:20	5.8	269	14	7.4	0.00
01/02/2024 12:30	6.7	268	12	8.0	0.00
01/02/2024 12:40	6.6	263	11	8.3	0.00
01/02/2024 12:50	6.6	261	10	7.9	0.00
01/02/2024 13:00	6.7	264	11	8.0	0.00
01/02/2024 13:10	6.5	260	10	8.8	0.00
01/02/2024 13:20	5.9	267	15	7.7	0.00
01/02/2024 13:30	5.6	266	16	7.5	0.00
01/02/2024 13:40	5.7	276	16	7.7	0.00
01/02/2024 13:50	6.0	268	17	8.3	0.00
01/02/2024 14:00	6.7	263	12	8.3	0.00
01/02/2024 14:10	6.5	265	11	8.2	0.00
01/02/2024 14:20	5.6	274	17	7.6	0.00
01/02/2024 14:30	5.7	267	13	7.5	0.00
01/02/2024 14:40	6.0	261	12	8.0	0.00
01/02/2024 14:50	6.4	263	11	8.3	0.00
01/02/2024 15:00	6.6	261	9	8.3	0.00
01/02/2024 15:10	6.3	259	10	8.0	0.00
01/02/2024 15:20	6.5	263	13	8.7	0.00
01/02/2024 15:30	6.5	258	9	7.9	0.00
01/02/2024 15:40	6.4	262	12	8.3	0.00
01/02/2024 15:50	6.6	260	9	8.1	0.00
01/02/2024 16:00	5.9	259	11	7.5	0.00
01/02/2024 16:10	6.6	266	12	8.5	0.00
01/02/2024 16:20	6.9	260	9	8.1	0.00
01/02/2024 16:30	6.8	263	9	8.4	0.00
01/02/2024 16:40	6.6	264	9	8.0	0.00
01/02/2024 16:50	6.1	260	12	7.9	0.00
01/02/2024 17:00	5.4	287	16	7.5	0.00
01/02/2024 17:10	5.4	294	14	7.2	0.00
01/02/2024 17:20	5.6	294	13	7.7	0.00
01/02/2024 17:30	5.4	290	15	6.9	0.00
01/02/2024 17:40	5.4	269	13	7.3	0.00
01/02/2024 17:50	6.2	261	11	8.2	0.00
01/02/2024 18:00	5.9	263	11	7.6	0.00
01/02/2024 18:10	6.1	261	10	7.9	0.00
01/02/2024 18:20	6.2	264	11	8.2	0.00
01/02/2024 18:30	6.7	260	11	9.2	0.00
01/02/2024 18:40	7.1	263	11	9.6	0.00
01/02/2024 18:50	7.0	265	10	9.1	0.00
01/02/2024 19:00	6.5	263	11	8.7	0.00
01/02/2024 19:10	6.4	264	11	9.0	0.00
01/02/2024 19:20	6.1	262	12	7.9	0.00
01/02/2024 19:30	5.5	265	11	7.4	0.00
01/02/2024 19:40	6.6	265	9	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 19:50	5.8	263	11	7.4	0.00
01/02/2024 20:00	5.8	261	11	7.5	0.00
01/02/2024 20:10	5.9	258	11	8.3	0.00
01/02/2024 20:20	5.9	258	11	7.5	0.00
01/02/2024 20:30	5.6	254	11	7.2	0.00
01/02/2024 20:40	5.4	257	12	7.2	0.00
01/02/2024 20:50	5.2	257	10	7.5	0.00
01/02/2024 21:00	5.4	258	10	7.4	0.00
01/02/2024 21:10	5.5	261	10	7.1	0.00
01/02/2024 21:20	5.9	261	9	8.3	0.00
01/02/2024 21:30	5.9	260	11	7.7	0.00
01/02/2024 21:40	6.1	263	10	7.5	0.00
01/02/2024 21:50	6.2	264	9	8.1	0.00
01/02/2024 22:00	6.1	259	9	7.9	0.00
01/02/2024 22:10	5.7	259	11	8.3	0.00
01/02/2024 22:20	6.2	259	11	7.9	0.00
01/02/2024 22:30	6.0	259	10	7.8	0.00
01/02/2024 22:40	5.5	264	9	7.2	0.00
01/02/2024 22:50	4.6	260	12	6.2	0.00
01/02/2024 23:00	3.8	239	15	5.8	0.00
01/02/2024 23:10	3.3	243	14	4.5	0.00
01/02/2024 23:20	3.7	255	13	5.1	0.00
01/02/2024 23:30	2.6	247	14	3.6	0.00
01/02/2024 23:40	1.8	205	51	2.8	0.00
01/02/2024 23:50	2.5	248	14	3.3	0.00
02/02/2024 00:00	3.1	257	12	4.2	0.00
02/02/2024 00:10	3.8	259	9	5.1	0.00
02/02/2024 00:20	3.7	262	10	4.8	0.00
02/02/2024 00:30	5.1	265	9	6.4	0.00
02/02/2024 00:40	5.7	264	9	7.3	0.00
02/02/2024 00:50	5.8	263	10	7.4	0.00
02/02/2024 01:00	5.8	266	10	7.3	0.00
02/02/2024 01:10	6.3	263	10	8.2	0.00
02/02/2024 01:20	6.1	264	9	7.6	0.00
02/02/2024 01:30	5.8	264	11	7.7	0.00
02/02/2024 01:40	6.5	265	9	8.3	0.00
02/02/2024 01:50	6.9	266	9	8.3	0.00
02/02/2024 02:00	5.9	264	9	7.5	0.00
02/02/2024 02:10	5.1	262	10	6.5	0.00
02/02/2024 02:20	4.6	263	12	6.4	0.00
02/02/2024 02:30	5.2	266	9	7.0	0.00
02/02/2024 02:40	5.0	267	12	6.6	0.00
02/02/2024 02:50	5.4	263	10	7.0	0.00
02/02/2024 03:00	4.9	259	11	6.5	0.00
02/02/2024 03:10	5.8	265	9	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 03:20	6.0	264	9	8.0	0.00
02/02/2024 03:30	6.1	263	9	8.1	0.00
02/02/2024 03:40	6.5	265	10	8.2	0.00
02/02/2024 03:50	6.1	264	9	7.9	0.00
02/02/2024 04:00	5.8	263	9	7.5	0.00
02/02/2024 04:10	5.5	266	10	7.6	0.00
02/02/2024 04:20	5.1	266	12	6.8	0.00
02/02/2024 04:30	5.0	265	9	6.8	0.00
02/02/2024 04:40	5.8	266	10	7.3	0.00
02/02/2024 04:50	5.9	263	10	7.7	0.00
02/02/2024 05:00	5.8	262	10	7.4	0.00
02/02/2024 05:10	6.5	262	9	8.2	0.00
02/02/2024 05:20	4.7	256	13	6.8	0.00
02/02/2024 05:30	4.2	257	12	6.0	0.00
02/02/2024 05:40	4.4	249	11	5.9	0.00
02/02/2024 05:50	4.4	258	9	5.6	0.00
02/02/2024 06:00	5.1	258	10	6.6	0.00
02/02/2024 06:10	5.1	259	10	6.8	0.00
02/02/2024 06:20	5.3	258	10	6.9	0.00
02/02/2024 06:30	4.7	261	8	6.4	0.00
02/02/2024 06:40	4.7	264	11	6.4	0.00
02/02/2024 06:50	4.5	262	10	6.0	0.00
02/02/2024 07:00	5.0	267	10	6.7	0.00
02/02/2024 07:10	4.5	273	14	6.0	0.00
02/02/2024 07:20	4.8	268	14	6.3	0.00
02/02/2024 07:30	4.7	265	11	6.3	0.00
02/02/2024 07:40	4.8	266	14	6.4	0.00
02/02/2024 07:50	4.7	268	13	6.3	0.00
02/02/2024 08:00	4.9	262	12	6.8	0.00
02/02/2024 08:10	5.7	269	11	7.4	0.00
02/02/2024 08:20	6.2	262	11	7.8	0.00
02/02/2024 08:30	6.0	269	12	7.8	0.00
02/02/2024 08:40	6.0	265	10	7.9	0.00
02/02/2024 08:50	5.8	262	12	7.9	0.00
02/02/2024 09:00	6.4	263	11	8.1	0.00
02/02/2024 09:10	6.2	263	12	8.2	0.00
02/02/2024 09:20	5.8	259	12	7.7	0.00
02/02/2024 09:30	5.8	264	11	7.7	0.00
02/02/2024 09:40	5.7	257	12	7.9	0.00
02/02/2024 09:50	5.8	263	12	7.4	0.00
02/02/2024 10:00	6.3	265	10	8.2	0.00
02/02/2024 10:10	6.7	262	9	8.3	0.00
02/02/2024 10:20	6.5	267	13	8.5	0.00
02/02/2024 10:30	6.6	264	10	8.6	0.00
02/02/2024 10:40	7.2	268	11	9.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 10:50	6.8	270	13	8.5	0.00
02/02/2024 11:00	7.3	267	12	9.2	0.00
02/02/2024 11:10	7.5	267	12	9.5	0.00
02/02/2024 11:20	7.2	265	13	9.5	0.00
02/02/2024 11:30	7.1	265	12	9.3	0.00
02/02/2024 11:40	6.6	267	14	8.7	0.00
02/02/2024 11:50	6.5	273	13	8.8	0.00
02/02/2024 12:00	6.4	269	13	8.8	0.00
02/02/2024 12:10	6.7	267	14	8.6	0.00
02/02/2024 12:20	6.6	272	16	8.3	0.00
02/02/2024 12:30	6.3	268	13	8.9	0.00
02/02/2024 12:40	6.2	262	10	7.8	0.00
02/02/2024 12:50	6.2	259	11	8.0	0.00
02/02/2024 13:00	5.4	279	15	7.7	0.00
02/02/2024 13:10	5.7	299	13	7.9	0.00
02/02/2024 13:20	5.3	282	15	7.5	0.00
02/02/2024 13:30	6.1	289	15	8.1	0.00
02/02/2024 13:40	6.2	295	12	8.3	0.00
02/02/2024 13:50	5.7	295	14	7.8	0.00
02/02/2024 14:00	6.6	303	12	8.7	0.00
02/02/2024 14:10	6.4	298	13	9.0	0.00
02/02/2024 14:20	6.6	297	13	8.7	0.00
02/02/2024 14:30	7.0	299	11	9.4	0.00
02/02/2024 14:40	6.7	300	9	8.6	0.00
02/02/2024 14:50	6.5	297	12	9.0	0.00
02/02/2024 15:00	6.6	294	16	8.7	0.00
02/02/2024 15:10	7.1	299	10	9.3	0.00
02/02/2024 15:20	7.1	300	12	8.8	0.00
02/02/2024 15:30	6.7	298	13	8.3	0.00
02/02/2024 15:40	6.6	300	10	9.5	0.00
02/02/2024 15:50	5.8	292	16	8.1	0.00
02/02/2024 16:00	5.5	277	17	7.9	0.00
02/02/2024 16:10	7.0	265	11	9.8	0.00
02/02/2024 16:20	7.0	270	14	9.5	0.00
02/02/2024 16:30	6.6	272	14	8.9	0.00
02/02/2024 16:40	6.5	269	13	8.7	0.00
02/02/2024 16:50	6.1	267	13	7.9	0.00
02/02/2024 17:00	6.7	262	12	8.5	0.00
02/02/2024 17:10	6.9	260	12	10.0	0.00
02/02/2024 17:20	7.0	265	10	9.5	0.00
02/02/2024 17:30	7.1	259	12	9.5	0.00
02/02/2024 17:40	6.1	257	12	8.3	0.00
02/02/2024 17:50	5.6	253	12	7.7	0.00
02/02/2024 18:00	5.5	262	11	7.3	0.00
02/02/2024 18:10	4.7	254	11	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 18:20	4.6	248	14	6.6	0.00
02/02/2024 18:30	4.5	245	13	6.2	0.00
02/02/2024 18:40	4.0	237	13	5.6	0.10
02/02/2024 18:50	2.9	238	17	4.1	0.00
02/02/2024 19:00	2.3	245	15	3.6	0.30
02/02/2024 19:10	1.9	237	20	3.5	0.30
02/02/2024 19:20	1.9	267	24	3.0	0.10
02/02/2024 19:30	1.7	244	24	2.9	0.20
02/02/2024 19:40	2.1	271	11	3.1	0.40
02/02/2024 19:50	3.1	265	8	3.8	0.10
02/02/2024 20:00	3.9	276	11	5.3	0.20
02/02/2024 20:10	5.1	266	10	6.4	0.00
02/02/2024 20:20	5.4	272	12	7.2	0.00
02/02/2024 20:30	5.1	272	14	6.6	0.00
02/02/2024 20:40	5.8	261	12	7.9	0.00
02/02/2024 20:50	6.0	258	12	7.8	0.00
02/02/2024 21:00	6.6	261	10	8.7	0.00
02/02/2024 21:10	6.2	250	14	9.6	0.00
02/02/2024 21:20	6.1	241	12	8.8	0.00
02/02/2024 21:30	5.5	246	9	7.3	0.00
02/02/2024 21:40	5.3	252	11	7.2	0.00
02/02/2024 21:50	4.7	250	12	6.0	0.00
02/02/2024 22:00	5.5	257	10	7.7	0.00
02/02/2024 22:10	6.2	260	11	8.3	0.00
02/02/2024 22:20	6.3	258	10	8.2	0.00
02/02/2024 22:30	6.4	257	11	8.5	0.00
02/02/2024 22:40	5.7	258	12	8.1	0.00
02/02/2024 22:50	5.7	260	11	7.4	0.00
02/02/2024 23:00	5.6	256	11	7.4	0.10
02/02/2024 23:10	5.0	246	13	7.2	0.00
02/02/2024 23:20	6.2	253	11	8.4	0.00
02/02/2024 23:30	6.4	262	11	9.1	0.00
02/02/2024 23:40	5.4	261	12	8.0	0.00
02/02/2024 23:50	4.5	263	10	6.0	0.00
03/02/2024 00:00	5.3	266	10	7.0	0.00
03/02/2024 00:10	5.4	265	9	7.5	0.00
03/02/2024 00:20	4.6	274	11	6.3	0.00
03/02/2024 00:30	4.5	277	14	6.1	0.00
03/02/2024 00:40	4.8	285	14	6.2	0.00
03/02/2024 00:50	4.2	292	14	6.0	0.00
03/02/2024 01:00	4.2	298	10	5.2	0.00
03/02/2024 01:10	3.6	303	11	5.3	0.00
03/02/2024 01:20	2.0	302	16	3.4	0.00
03/02/2024 01:30	2.8	294	15	3.5	0.00
03/02/2024 01:40	3.6	296	12	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 01:50	2.6	286	23	4.5	0.00
03/02/2024 02:00	4.1	289	16	6.8	0.00
03/02/2024 02:10	4.8	290	14	6.8	0.00
03/02/2024 02:20	5.2	293	13	6.9	0.00
03/02/2024 02:30	4.8	283	13	6.7	0.00
03/02/2024 02:40	4.6	277	14	6.3	0.00
03/02/2024 02:50	4.8	273	14	6.8	0.00
03/02/2024 03:00	3.8	276	15	5.6	0.00
03/02/2024 03:10	3.6	291	17	5.3	0.00
03/02/2024 03:20	3.7	268	12	5.5	0.00
03/02/2024 03:30	4.1	269	12	6.0	0.00
03/02/2024 03:40	4.3	268	12	6.0	0.00
03/02/2024 03:50	4.2	272	13	6.0	0.00
03/02/2024 04:00	4.3	265	11	5.9	0.00
03/02/2024 04:10	5.0	266	8	6.6	0.00
03/02/2024 04:20	4.9	265	9	6.4	0.00
03/02/2024 04:30	5.3	263	10	6.7	0.00
03/02/2024 04:40	5.1	263	10	6.7	0.00
03/02/2024 04:50	4.8	259	10	6.8	0.00
03/02/2024 05:00	4.7	264	11	6.0	0.00
03/02/2024 05:10	4.5	263	10	5.9	0.00
03/02/2024 05:20	3.9	271	14	5.6	0.00
03/02/2024 05:30	4.1	274	15	5.9	0.00
03/02/2024 05:40	4.1	280	13	6.0	0.00
03/02/2024 05:50	4.1	272	12	5.3	0.00
03/02/2024 06:00	4.1	273	12	5.3	0.00
03/02/2024 06:10	3.8	279	16	5.4	0.00
03/02/2024 06:20	3.8	278	13	5.3	0.00
03/02/2024 06:30	3.5	280	17	4.8	0.00
03/02/2024 06:40	3.5	286	16	5.1	0.00
03/02/2024 06:50	3.9	271	13	5.7	0.00
03/02/2024 07:00	4.3	272	11	5.6	0.00
03/02/2024 07:10	5.7	269	12	7.7	0.00
03/02/2024 07:20	6.0	269	10	7.7	0.00
03/02/2024 07:30	6.3	265	10	8.4	0.00
03/02/2024 07:40	6.2	264	9	8.3	0.00
03/02/2024 07:50	5.9	264	10	8.5	0.00
03/02/2024 08:00	6.3	264	11	7.9	0.00
03/02/2024 08:10	5.9	263	10	7.9	0.00
03/02/2024 08:20	6.0	263	10	8.1	0.00
03/02/2024 08:30	5.8	261	12	7.7	0.00
03/02/2024 08:40	5.8	266	11	7.5	0.00
03/02/2024 08:50	6.7	261	10	8.7	0.00
03/02/2024 09:00	6.4	262	11	8.1	0.00
03/02/2024 09:10	6.5	266	10	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 09:20	6.5	263	11	9.1	0.00
03/02/2024 09:30	6.3	266	10	8.2	0.00
03/02/2024 09:40	6.4	265	11	8.3	0.00
03/02/2024 09:50	6.7	268	11	8.7	0.00
03/02/2024 10:00	6.3	270	12	8.3	0.00
03/02/2024 10:10	7.4	264	10	9.1	0.00
03/02/2024 10:20	7.3	264	11	9.6	0.00
03/02/2024 10:30	7.3	266	13	9.9	0.00
03/02/2024 10:40	7.3	267	12	9.8	0.00
03/02/2024 10:50	7.9	265	11	10.3	0.00
03/02/2024 11:00	7.6	265	11	10.3	0.00
03/02/2024 11:10	7.3	267	11	9.8	0.00
03/02/2024 11:20	7.9	268	12	10.5	0.00
03/02/2024 11:30	7.4	269	14	9.6	0.00
03/02/2024 11:40	7.5	272	13	10.0	0.00
03/02/2024 11:50	7.4	272	13	10.1	0.00
03/02/2024 12:00	7.5	269	12	9.7	0.00
03/02/2024 12:10	7.2	270	13	10.0	0.00
03/02/2024 12:20	6.9	271	13	9.8	0.00
03/02/2024 12:30	7.1	271	13	9.7	0.00
03/02/2024 12:40	7.3	268	13	9.2	0.00
03/02/2024 12:50	7.4	268	13	9.3	0.00
03/02/2024 13:00	6.9	268	14	9.2	0.00
03/02/2024 13:10	6.7	274	13	9.1	0.00
03/02/2024 13:20	7.5	266	12	9.8	0.00
03/02/2024 13:30	7.7	265	11	9.6	0.00
03/02/2024 13:40	8.1	262	11	10.2	0.00
03/02/2024 13:50	8.3	267	9	10.1	0.00
03/02/2024 14:00	7.3	267	12	9.4	0.00
03/02/2024 14:10	7.6	265	11	10.2	0.00
03/02/2024 14:20	7.8	266	10	10.2	0.00
03/02/2024 14:30	7.2	269	12	10.0	0.00
03/02/2024 14:40	7.1	265	12	9.1	0.00
03/02/2024 14:50	7.1	272	14	9.1	0.00
03/02/2024 15:00	6.8	271	13	9.1	0.00
03/02/2024 15:10	7.3	268	12	10.0	0.00
03/02/2024 15:20	7.9	268	12	10.6	0.00
03/02/2024 15:30	9.1	265	11	11.5	0.00
03/02/2024 15:40	8.7	264	10	11.2	0.00
03/02/2024 15:50	8.6	267	10	11.6	0.00
03/02/2024 16:00	8.1	267	11	10.5	0.00
03/02/2024 16:10	7.6	271	14	10.7	0.00
03/02/2024 16:20	7.5	269	12	10.8	0.00
03/02/2024 16:30	7.4	272	13	9.5	0.00
03/02/2024 16:40	8.1	269	12	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 16:50	7.2	270	12	9.9	0.00
03/02/2024 17:00	7.2	275	13	9.1	0.00
03/02/2024 17:10	8.2	268	11	11.3	0.00
03/02/2024 17:20	8.2	266	11	10.7	0.00
03/02/2024 17:30	8.2	267	10	11.3	0.00
03/02/2024 17:40	7.9	267	11	10.7	0.00
03/02/2024 17:50	8.1	265	11	10.0	0.00
03/02/2024 18:00	8.5	267	10	11.1	0.00
03/02/2024 18:10	7.8	264	10	10.2	0.00
03/02/2024 18:20	7.6	264	11	10.7	0.00
03/02/2024 18:30	8.7	267	10	11.1	0.00
03/02/2024 18:40	7.8	269	12	10.6	0.00
03/02/2024 18:50	7.4	271	13	10.7	0.00
03/02/2024 19:00	7.1	272	12	9.9	0.00
03/02/2024 19:10	7.5	269	11	9.5	0.00
03/02/2024 19:20	7.6	266	13	9.9	0.00
03/02/2024 19:30	7.7	268	10	10.9	0.00
03/02/2024 19:40	7.4	270	12	10.1	0.00
03/02/2024 19:50	7.9	266	11	10.7	0.00
03/02/2024 20:00	7.4	267	10	10.1	0.00
03/02/2024 20:10	8.0	267	11	10.0	0.00
03/02/2024 20:20	7.5	269	11	9.9	0.00
03/02/2024 20:30	7.9	266	9	11.0	0.00
03/02/2024 20:40	7.7	267	11	10.3	0.00
03/02/2024 20:50	7.7	265	11	9.5	0.00
03/02/2024 21:00	7.4	265	10	9.7	0.00
03/02/2024 21:10	7.6	265	12	9.8	0.00
03/02/2024 21:20	7.2	264	10	9.5	0.00
03/02/2024 21:30	7.6	260	10	10.6	0.00
03/02/2024 21:40	6.5	260	11	8.8	0.00
03/02/2024 21:50	4.6	242	15	6.4	0.00
03/02/2024 22:00	3.7	251	14	5.3	0.00
03/02/2024 22:10	4.9	256	12	6.4	0.00
03/02/2024 22:20	4.9	255	11	6.4	0.00
03/02/2024 22:30	5.8	264	11	7.6	0.00
03/02/2024 22:40	5.7	262	11	7.2	0.00
03/02/2024 22:50	5.5	265	10	7.9	0.00
03/02/2024 23:00	5.8	267	11	7.5	0.00
03/02/2024 23:10	5.9	270	11	7.9	0.00
03/02/2024 23:20	5.9	267	11	8.0	0.00
03/02/2024 23:30	5.9	268	12	8.3	0.00
03/02/2024 23:40	5.7	264	10	7.7	0.00
03/02/2024 23:50	6.1	266	10	8.4	0.00
04/02/2024 00:00	6.6	267	11	9.0	0.00
04/02/2024 00:10	6.1	271	13	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 00:20	6.1	269	11	8.6	0.00
04/02/2024 00:30	6.4	270	13	8.2	0.00
04/02/2024 00:40	6.0	269	11	8.4	0.00
04/02/2024 00:50	7.0	269	12	9.5	0.00
04/02/2024 01:00	6.9	272	12	9.8	0.00
04/02/2024 01:10	6.2	270	13	9.5	0.00
04/02/2024 01:20	6.4	267	10	9.2	0.00
04/02/2024 01:30	7.1	268	12	9.7	0.00
04/02/2024 01:40	7.2	272	12	9.5	0.00
04/02/2024 01:50	7.2	274	13	10.3	0.00
04/02/2024 02:00	7.2	275	14	9.9	0.00
04/02/2024 02:10	7.1	272	12	10.3	0.00
04/02/2024 02:20	8.2	267	12	11.5	0.00
04/02/2024 02:30	7.3	267	13	10.6	0.00
04/02/2024 02:40	8.1	266	12	10.7	0.00
04/02/2024 02:50	7.8	268	11	10.6	0.00
04/02/2024 03:00	8.1	267	11	10.3	0.00
04/02/2024 03:10	8.3	263	10	10.7	0.00
04/02/2024 03:20	8.5	267	8	10.9	0.00
04/02/2024 03:30	7.8	267	10	10.6	0.00
04/02/2024 03:40	7.9	267	10	10.3	0.00
04/02/2024 03:50	8.1	267	11	11.1	0.00
04/02/2024 04:00	8.3	264	10	10.8	0.00
04/02/2024 04:10	8.1	266	11	10.8	0.00
04/02/2024 04:20	8.3	267	10	11.0	0.00
04/02/2024 04:30	7.0	270	13	9.9	0.00
04/02/2024 04:40	6.4	274	14	9.1	0.00
04/02/2024 04:50	7.7	269	10	10.0	0.00
04/02/2024 05:00	7.5	266	9	10.5	0.00
04/02/2024 05:10	7.7	261	12	10.1	0.00
04/02/2024 05:20	7.4	259	11	10.1	0.00
04/02/2024 05:30	7.1	257	12	8.9	0.00
04/02/2024 05:40	7.2	259	11	9.4	0.00
04/02/2024 05:50	7.2	259	11	9.9	0.00
04/02/2024 06:00	7.1	260	11	9.4	0.00
04/02/2024 06:10	7.2	258	11	9.0	0.00
04/02/2024 06:20	7.5	260	9	9.9	0.00
04/02/2024 06:30	7.7	260	11	10.3	0.00
04/02/2024 06:40	7.0	260	10	9.9	0.00
04/02/2024 06:50	7.9	262	10	10.4	0.00
04/02/2024 07:00	9.2	268	10	12.2	0.10
04/02/2024 07:10	8.9	267	11	11.5	0.10
04/02/2024 07:20	7.4	265	11	9.7	0.00
04/02/2024 07:30	8.2	265	10	10.8	0.00
04/02/2024 07:40	7.2	265	12	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 07:50	7.2	258	10	10.0	0.00
04/02/2024 08:00	7.5	264	12	10.5	0.00
04/02/2024 08:10	7.8	264	11	10.4	0.00
04/02/2024 08:20	7.7	260	11	10.1	0.00
04/02/2024 08:30	7.9	261	11	11.1	0.00
04/02/2024 08:40	7.5	261	11	10.5	0.00
04/02/2024 08:50	8.0	263	10	10.3	0.00
04/02/2024 09:00	7.9	261	11	10.3	0.00
04/02/2024 09:10	7.4	260	11	9.9	0.00
04/02/2024 09:20	7.5	263	12	10.6	0.00
04/02/2024 09:30	7.3	265	12	9.7	0.00
04/02/2024 09:40	7.4	261	13	9.6	0.00
04/02/2024 09:50	7.6	267	10	10.1	0.00
04/02/2024 10:00	7.4	264	11	9.9	0.00
04/02/2024 10:10	7.9	268	11	10.8	0.00
04/02/2024 10:20	7.6	265	12	10.4	0.00
04/02/2024 10:30	8.0	266	11	10.5	0.00
04/02/2024 10:40	7.2	269	13	10.0	0.00
04/02/2024 10:50	6.7	274	15	9.6	0.00
04/02/2024 11:00	7.3	270	13	9.8	0.00
04/02/2024 11:10	7.8	268	11	10.2	0.00
04/02/2024 11:20	8.3	265	10	10.7	0.00
04/02/2024 11:30	7.8	268	12	10.0	0.00
04/02/2024 11:40	7.7	272	13	9.9	0.00
04/02/2024 11:50	7.3	272	15	9.6	0.00
04/02/2024 12:00	7.2	270	14	9.9	0.00
04/02/2024 12:10	7.9	268	14	10.0	0.00
04/02/2024 12:20	7.0	270	14	9.2	0.00
04/02/2024 12:30	7.4	268	12	9.9	0.00
04/02/2024 12:40	6.9	273	14	9.1	0.00
04/02/2024 12:50	7.4	301	13	10.3	0.00
04/02/2024 13:00	7.7	299	12	10.6	0.00
04/02/2024 13:10	7.8	299	13	10.4	0.00
04/02/2024 13:20	7.5	295	14	9.8	0.00
04/02/2024 13:30	6.8	287	17	9.7	0.00
04/02/2024 13:40	6.9	298	15	9.7	0.00
04/02/2024 13:50	7.2	300	12	9.5	0.00
04/02/2024 14:00	7.1	298	12	9.9	0.00
04/02/2024 14:10	7.0	296	13	9.6	0.00
04/02/2024 14:20	7.8	302	10	9.7	0.00
04/02/2024 14:30	7.8	301	13	10.3	0.00
04/02/2024 14:40	7.7	300	14	10.1	0.00
04/02/2024 14:50	8.1	301	11	10.3	0.00
04/02/2024 15:00	8.0	301	9	10.0	0.00
04/02/2024 15:10	7.1	299	11	9.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 15:20	6.6	300	14	9.5	0.00
04/02/2024 15:30	6.6	297	13	8.5	0.00
04/02/2024 15:40	7.0	300	12	9.1	0.00
04/02/2024 15:50	7.3	298	13	10.1	0.00
04/02/2024 16:00	6.4	297	12	8.4	0.00
04/02/2024 16:10	7.0	299	12	9.1	0.00
04/02/2024 16:20	6.3	300	14	9.0	0.00
04/02/2024 16:30	6.6	300	12	8.8	0.00
04/02/2024 16:40	6.2	299	11	8.7	0.00
04/02/2024 16:50	6.3	304	14	8.4	0.00
04/02/2024 17:00	7.3	298	10	9.6	0.00
04/02/2024 17:10	7.1	303	12	9.9	0.00
04/02/2024 17:20	7.1	299	12	9.8	0.00
04/02/2024 17:30	6.7	299	11	8.8	0.00
04/02/2024 17:40	6.7	293	12	9.3	0.00
04/02/2024 17:50	6.6	296	12	8.5	0.00
04/02/2024 18:00	6.7	293	11	8.8	0.00
04/02/2024 18:10	6.7	289	16	9.1	0.00
04/02/2024 18:20	5.9	292	12	8.3	0.00
04/02/2024 18:30	6.4	282	14	8.7	0.00
04/02/2024 18:40	5.4	282	15	7.7	0.00
04/02/2024 18:50	6.3	283	14	9.1	0.00
04/02/2024 19:00	5.9	281	16	8.4	0.00
04/02/2024 19:10	5.7	284	15	8.0	0.00
04/02/2024 19:20	5.4	279	16	8.1	0.00
04/02/2024 19:30	6.1	283	15	9.0	0.00
04/02/2024 19:40	6.1	290	13	8.7	0.00
04/02/2024 19:50	5.8	284	15	8.0	0.00
04/02/2024 20:00	6.2	276	14	8.5	0.00
04/02/2024 20:10	6.1	283	15	8.7	0.00
04/02/2024 20:20	5.9	286	13	8.2	0.00
04/02/2024 20:30	5.8	286	15	8.3	0.00
04/02/2024 20:40	5.6	279	15	7.9	0.00
04/02/2024 20:50	5.5	287	15	8.1	0.00
04/02/2024 21:00	5.9	291	13	8.3	0.00
04/02/2024 21:10	6.5	296	12	8.8	0.00
04/02/2024 21:20	6.9	293	11	9.8	0.00
04/02/2024 21:30	6.3	292	12	8.6	0.00
04/02/2024 21:40	6.3	292	13	8.8	0.00
04/02/2024 21:50	6.3	289	14	9.1	0.00
04/02/2024 22:00	6.7	289	13	9.2	0.00
04/02/2024 22:10	6.6	288	14	9.1	0.00
04/02/2024 22:20	6.2	283	14	8.3	0.00
04/02/2024 22:30	6.1	277	14	8.3	0.00
04/02/2024 22:40	6.6	275	13	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 22:50	5.9	287	15	8.6	0.00
04/02/2024 23:00	5.5	291	13	8.0	0.00
04/02/2024 23:10	6.0	287	14	8.4	0.00
04/02/2024 23:20	5.8	284	14	8.3	0.00
04/02/2024 23:30	5.9	284	15	8.4	0.00
04/02/2024 23:40	5.3	282	14	7.4	0.00
04/02/2024 23:50	6.1	281	14	8.1	0.00
05/02/2024 00:00	5.8	275	12	8.2	0.00
05/02/2024 00:10	5.4	273	13	7.6	0.00
05/02/2024 00:20	6.0	272	12	7.8	0.00
05/02/2024 00:30	5.2	274	13	7.2	0.00
05/02/2024 00:40	4.9	277	15	7.5	0.00
05/02/2024 00:50	4.3	282	15	6.5	0.00
05/02/2024 01:00	4.3	290	16	6.7	0.00
05/02/2024 01:10	4.4	294	15	6.8	0.00
05/02/2024 01:20	4.6	293	11	6.7	0.00
05/02/2024 01:30	4.7	292	13	6.9	0.00
05/02/2024 01:40	4.0	291	13	5.6	0.00
05/02/2024 01:50	4.1	288	14	5.9	0.00
05/02/2024 02:00	3.5	285	14	5.1	0.00
05/02/2024 02:10	3.5	283	15	5.6	0.00
05/02/2024 02:20	3.7	277	15	5.4	0.00
05/02/2024 02:30	3.9	278	13	5.8	0.00
05/02/2024 02:40	3.3	289	17	5.1	0.00
05/02/2024 02:50	3.1	286	15	4.8	0.00
05/02/2024 03:00	4.0	277	14	5.6	0.00
05/02/2024 03:10	4.0	275	13	5.6	0.00
05/02/2024 03:20	3.8	277	12	5.6	0.00
05/02/2024 03:30	3.3	279	12	4.4	0.00
05/02/2024 03:40	3.9	276	14	5.4	0.00
05/02/2024 03:50	3.8	275	14	4.9	0.00
05/02/2024 04:00	4.1	274	14	5.8	0.00
05/02/2024 04:10	4.5	270	13	7.1	0.00
05/02/2024 04:20	4.7	271	10	6.1	0.00
05/02/2024 04:30	4.8	270	12	6.4	0.00
05/02/2024 04:40	5.1	269	10	7.2	0.00
05/02/2024 04:50	5.4	270	11	7.2	0.00
05/02/2024 05:00	5.4	270	10	7.5	0.00
05/02/2024 05:10	5.3	268	10	7.2	0.00
05/02/2024 05:20	5.1	269	9	7.2	0.00
05/02/2024 05:30	5.4	266	9	7.5	0.00
05/02/2024 05:40	5.4	270	11	7.8	0.00
05/02/2024 05:50	5.6	268	10	7.9	0.00
05/02/2024 06:00	6.6	268	9	8.8	0.00
05/02/2024 06:10	6.3	266	9	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 06:20	6.2	268	9	8.2	0.00
05/02/2024 06:30	6.9	269	9	9.2	0.00
05/02/2024 06:40	6.0	268	9	8.4	0.00
05/02/2024 06:50	6.6	268	8	8.5	0.00
05/02/2024 07:00	6.5	265	9	8.0	0.00
05/02/2024 07:10	6.2	267	9	8.3	0.00
05/02/2024 07:20	6.5	264	11	9.1	0.00
05/02/2024 07:30	6.3	267	11	8.2	0.00
05/02/2024 07:40	6.6	264	9	8.7	0.00
05/02/2024 07:50	6.0	267	11	7.9	0.00
05/02/2024 08:00	6.8	266	11	8.7	0.00
05/02/2024 08:10	6.3	260	11	8.2	0.00
05/02/2024 08:20	6.5	261	11	8.4	0.00
05/02/2024 08:30	6.7	259	10	8.6	0.00
05/02/2024 08:40	6.2	258	11	8.3	0.00
05/02/2024 08:50	6.5	261	12	8.3	0.00
05/02/2024 09:00	6.2	260	11	8.1	0.00
05/02/2024 09:10	6.4	261	12	8.0	0.00
05/02/2024 09:20	5.8	261	12	7.3	0.00
05/02/2024 09:30	5.9	269	12	7.5	0.00
05/02/2024 09:40	6.2	269	12	7.9	0.00
05/02/2024 09:50	6.3	268	9	8.0	0.00
05/02/2024 10:00	6.0	268	12	7.9	0.00
05/02/2024 10:10	6.2	272	12	8.3	0.00
05/02/2024 10:20	6.3	272	15	8.3	0.00
05/02/2024 10:30	6.8	271	11	8.4	0.00
05/02/2024 10:40	6.6	273	12	8.7	0.00
05/02/2024 10:50	7.2	267	9	8.9	0.00
05/02/2024 11:00	6.6	265	10	8.7	0.00
05/02/2024 11:10	6.2	266	15	7.9	0.00
05/02/2024 11:20	6.0	265	12	8.0	0.00
05/02/2024 11:30	6.4	266	12	8.3	0.00
05/02/2024 11:40	6.0	261	12	8.9	0.00
05/02/2024 11:50	6.5	267	12	8.7	0.00
05/02/2024 12:00	6.4	275	14	8.5	0.00
05/02/2024 12:10	6.4	272	13	8.5	0.00
05/02/2024 12:20	6.1	268	12	7.9	0.00
05/02/2024 12:30	5.9	269	11	7.7	0.00
05/02/2024 12:40	5.7	265	13	7.3	0.00
05/02/2024 12:50	6.1	264	11	7.5	0.00
05/02/2024 13:00	6.1	267	9	7.7	0.00
05/02/2024 13:10	5.8	268	13	7.4	0.00
05/02/2024 13:20	6.0	267	11	7.9	0.00
05/02/2024 13:30	6.1	264	12	7.6	0.00
05/02/2024 13:40	5.7	266	11	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 13:50	4.8	281	19	6.8	0.00
05/02/2024 14:00	5.0	282	16	7.3	0.00
05/02/2024 14:10	5.0	301	13	6.6	0.00
05/02/2024 14:20	5.4	296	12	7.4	0.00
05/02/2024 14:30	5.4	292	13	7.2	0.00
05/02/2024 14:40	5.0	290	17	7.2	0.00
05/02/2024 14:50	4.9	290	15	7.0	0.00
05/02/2024 15:00	4.8	286	17	6.3	0.00
05/02/2024 15:10	4.6	280	15	6.4	0.00
05/02/2024 15:20	5.7	266	12	7.4	0.00
05/02/2024 15:30	7.0	261	12	8.7	0.00
05/02/2024 15:40	4.9	278	17	7.2	0.00
05/02/2024 15:50	4.8	276	16	6.5	0.00
05/02/2024 16:00	5.1	267	14	6.8	0.00
05/02/2024 16:10	6.2	261	12	8.0	0.00
05/02/2024 16:20	5.6	260	12	7.5	0.00
05/02/2024 16:30	5.9	263	14	8.2	0.00
05/02/2024 16:40	5.9	264	12	7.5	0.00
05/02/2024 16:50	5.7	293	17	8.3	0.00
05/02/2024 17:00	6.3	299	11	7.9	0.00
05/02/2024 17:10	5.1	287	20	6.8	0.00
05/02/2024 17:20	5.7	266	12	7.3	0.00
05/02/2024 17:30	7.2	268	9	8.8	0.00
05/02/2024 17:40	7.0	266	10	9.2	0.00
05/02/2024 17:50	7.9	268	11	9.9	0.00
05/02/2024 18:00	6.4	274	13	9.0	0.00
05/02/2024 18:10	6.3	271	13	8.2	0.00
05/02/2024 18:20	5.6	274	14	8.3	0.00
05/02/2024 18:30	4.9	273	15	7.0	0.00
05/02/2024 18:40	5.3	274	12	7.2	0.00
05/02/2024 18:50	6.4	263	11	7.9	0.00
05/02/2024 19:00	6.1	268	10	7.6	0.00
05/02/2024 19:10	5.9	273	12	8.0	0.00
05/02/2024 19:20	6.1	267	10	8.1	0.00
05/02/2024 19:30	5.8	267	11	9.0	0.00
05/02/2024 19:40	5.5	268	10	7.4	0.00
05/02/2024 19:50	5.1	264	11	6.7	0.00
05/02/2024 20:00	5.5	268	10	7.7	0.00
05/02/2024 20:10	5.1	266	11	7.3	0.00
05/02/2024 20:20	5.8	266	10	7.7	0.00
05/02/2024 20:30	5.9	268	11	7.9	0.00
05/02/2024 20:40	6.7	267	11	8.7	0.00
05/02/2024 20:50	6.3	267	9	8.1	0.00
05/02/2024 21:00	6.3	264	11	8.6	0.00
05/02/2024 21:10	6.5	266	12	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 21:20	6.5	265	10	9.1	0.00
05/02/2024 21:30	6.4	268	10	9.1	0.00
05/02/2024 21:40	6.0	266	9	7.8	0.00
05/02/2024 21:50	6.4	264	8	8.4	0.00
05/02/2024 22:00	6.3	268	8	8.4	0.00
05/02/2024 22:10	6.0	266	10	8.1	0.00
05/02/2024 22:20	6.2	266	10	8.1	0.00
05/02/2024 22:30	5.8	269	11	7.9	0.00
05/02/2024 22:40	5.3	268	13	7.5	0.00
05/02/2024 22:50	5.5	273	12	7.5	0.00
05/02/2024 23:00	4.4	273	12	6.8	0.00
05/02/2024 23:10	4.5	274	13	6.4	0.00
05/02/2024 23:20	5.5	267	10	7.2	0.00
05/02/2024 23:30	5.6	266	11	7.5	0.00
05/02/2024 23:40	6.3	266	9	8.6	0.00
05/02/2024 23:50	5.8	267	11	7.7	0.00
06/02/2024 00:00	5.7	266	10	7.4	0.00
06/02/2024 00:10	5.1	262	11	6.9	0.00
06/02/2024 00:20	5.1	263	11	7.4	0.00
06/02/2024 00:30	5.2	266	12	7.1	0.00
06/02/2024 00:40	5.4	260	10	7.5	0.00
06/02/2024 00:50	5.1	261	11	6.8	0.00
06/02/2024 01:00	4.5	264	11	6.6	0.00
06/02/2024 01:10	4.9	260	11	7.2	0.00
06/02/2024 01:20	6.1	263	12	8.1	0.00
06/02/2024 01:30	5.6	260	11	7.7	0.00
06/02/2024 01:40	5.8	261	11	7.8	0.00
06/02/2024 01:50	5.3	257	9	7.4	0.00
06/02/2024 02:00	5.6	259	11	7.2	0.00
06/02/2024 02:10	5.4	259	11	7.3	0.00
06/02/2024 02:20	5.4	259	10	7.5	0.00
06/02/2024 02:30	5.5	261	9	7.4	0.00
06/02/2024 02:40	4.6	256	10	6.0	0.00
06/02/2024 02:50	3.4	253	11	4.5	0.00
06/02/2024 03:00	2.5	234	18	3.6	0.00
06/02/2024 03:10	1.0	220	41	2.0	0.00
06/02/2024 03:20	1.0	293	44	1.9	0.00
06/02/2024 03:30	3.2	255	11	4.3	0.00
06/02/2024 03:40	3.2	228	16	4.3	0.00
06/02/2024 03:50	3.1	234	17	4.4	0.00
06/02/2024 04:00	3.3	244	19	4.4	0.00
06/02/2024 04:10	3.6	264	10	4.8	0.00
06/02/2024 04:20	2.9	251	13	4.2	0.00
06/02/2024 04:30	3.0	254	11	4.1	0.00
06/02/2024 04:40	2.9	259	11	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 04:50	2.9	249	12	4.2	0.00
06/02/2024 05:00	2.9	254	11	3.7	0.00
06/02/2024 05:10	3.2	257	11	4.7	0.00
06/02/2024 05:20	2.6	257	12	3.6	0.00
06/02/2024 05:30	2.5	265	12	3.2	0.00
06/02/2024 05:40	2.9	259	11	4.0	0.00
06/02/2024 05:50	3.1	257	11	4.2	0.00
06/02/2024 06:00	2.3	247	14	3.6	0.00
06/02/2024 06:10	1.6	241	19	2.6	0.00
06/02/2024 06:20	0.6	182	29	1.4	0.00
06/02/2024 06:30	0.8	186	23	1.5	0.00
06/02/2024 06:40	1.6	231	19	2.4	0.00
06/02/2024 06:50	1.9	223	12	2.5	0.00
06/02/2024 07:00	1.3	224	47	2.6	0.00
06/02/2024 07:10	1.7	224	36	2.8	0.00
06/02/2024 07:20	2.4	222	17	3.2	0.00
06/02/2024 07:30	2.2	222	22	3.2	0.00
06/02/2024 07:40	2.4	221	31	3.3	0.00
06/02/2024 07:50	1.6	178	64	2.9	0.00
06/02/2024 08:00	2.0	132	30	3.1	0.00
06/02/2024 08:10	2.4	138	20	3.5	0.00
06/02/2024 08:20	3.2	119	15	4.3	0.00
06/02/2024 08:30	4.1	100	14	5.3	0.00
06/02/2024 08:40	4.0	106	15	5.4	0.00
06/02/2024 08:50	4.6	104	16	6.4	0.00
06/02/2024 09:00	5.0	104	14	7.3	0.00
06/02/2024 09:10	5.6	91	12	7.8	0.00
06/02/2024 09:20	5.4	98	13	8.3	0.00
06/02/2024 09:30	5.9	82	15	7.8	0.00
06/02/2024 09:40	6.1	80	13	7.8	0.00
06/02/2024 09:50	6.7	82	14	9.1	0.00
06/02/2024 10:00	7.1	78	11	9.3	0.00
06/02/2024 10:10	7.0	86	12	9.5	0.00
06/02/2024 10:20	7.5	73	10	9.4	0.00
06/02/2024 10:30	7.4	80	11	10.2	0.00
06/02/2024 10:40	7.3	80	13	10.3	0.00
06/02/2024 10:50	7.4	69	11	9.8	0.00
06/02/2024 11:00	7.6	65	12	10.2	0.00
06/02/2024 11:10	7.2	69	14	9.5	0.00
06/02/2024 11:20	7.0	71	13	9.4	0.00
06/02/2024 11:30	6.5	71	13	8.7	0.00
06/02/2024 11:40	6.2	70	13	8.1	0.00
06/02/2024 11:50	5.0	45	18	6.6	0.00
06/02/2024 12:00	4.8	24	19	7.0	0.00
06/02/2024 12:10	4.0	175	22	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 12:20	4.2	340	22	6.2	0.00
06/02/2024 12:30	3.9	352	23	5.4	0.00
06/02/2024 12:40	3.6	353	24	5.3	0.00
06/02/2024 12:50	3.9	343	24	6.3	0.00
06/02/2024 13:00	3.3	339	19	5.2	0.00
06/02/2024 13:10	3.5	331	18	4.9	0.00
06/02/2024 13:20	3.2	340	24	5.0	0.00
06/02/2024 13:30	3.3	331	24	5.0	0.00
06/02/2024 13:40	3.5	341	25	5.4	0.00
06/02/2024 13:50	3.5	329	16	5.3	0.00
06/02/2024 14:00	3.9	338	22	5.9	0.00
06/02/2024 14:10	3.2	179	24	5.2	0.00
06/02/2024 14:20	3.1	177	25	5.0	0.00
06/02/2024 14:30	3.4	356	28	5.2	0.00
06/02/2024 14:40	3.9	339	27	6.5	0.00
06/02/2024 14:50	3.9	351	24	5.7	0.00
06/02/2024 15:00	3.6	351	24	5.4	0.00
06/02/2024 15:10	3.7	186	21	5.4	0.00
06/02/2024 15:20	3.5	339	22	5.7	0.00
06/02/2024 15:30	3.4	346	23	5.7	0.00
06/02/2024 15:40	3.8	346	20	5.5	0.00
06/02/2024 15:50	3.4	344	23	5.2	0.00
06/02/2024 16:00	4.0	342	19	5.9	0.00
06/02/2024 16:10	3.2	176	24	5.2	0.00
06/02/2024 16:20	4.2	332	14	6.0	0.00
06/02/2024 16:30	3.5	345	20	5.2	0.00
06/02/2024 16:40	4.1	338	15	5.9	0.00
06/02/2024 16:50	3.7	342	20	5.3	0.00
06/02/2024 17:00	4.5	336	19	6.6	0.00
06/02/2024 17:10	5.1	336	13	6.8	0.00
06/02/2024 17:20	4.6	338	15	6.7	0.00
06/02/2024 17:30	4.6	345	17	6.2	0.00
06/02/2024 17:40	4.7	348	18	6.2	0.00
06/02/2024 17:50	4.7	347	18	6.9	0.00
06/02/2024 18:00	5.1	344	14	6.8	0.00
06/02/2024 18:10	4.7	354	19	6.6	0.00
06/02/2024 18:20	3.6	331	18	5.1	0.00
06/02/2024 18:30	3.5	327	18	5.4	0.00
06/02/2024 18:40	3.4	338	21	5.0	0.00
06/02/2024 18:50	3.2	337	23	5.2	0.00
06/02/2024 19:00	3.8	319	16	6.3	0.00
06/02/2024 19:10	4.1	316	14	5.8	0.00
06/02/2024 19:20	3.9	313	14	6.0	0.00
06/02/2024 19:30	4.2	316	14	6.4	0.00
06/02/2024 19:40	4.1	311	13	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 19:50	3.9	312	16	5.2	0.00
06/02/2024 20:00	4.3	308	14	6.2	0.00
06/02/2024 20:10	3.9	301	14	5.3	0.00
06/02/2024 20:20	3.8	297	15	5.4	0.00
06/02/2024 20:30	4.1	293	14	5.8	0.00
06/02/2024 20:40	3.9	290	14	5.4	0.00
06/02/2024 20:50	3.4	294	17	4.7	0.00
06/02/2024 21:00	3.7	290	14	5.4	0.00
06/02/2024 21:10	4.0	292	15	5.6	0.00
06/02/2024 21:20	3.9	295	15	5.6	0.00
06/02/2024 21:30	3.9	292	15	5.3	0.00
06/02/2024 21:40	3.5	293	15	5.0	0.00
06/02/2024 21:50	3.8	287	15	5.7	0.00
06/02/2024 22:00	3.7	287	14	5.1	0.00
06/02/2024 22:10	3.6	276	14	4.6	0.00
06/02/2024 22:20	3.4	270	11	4.4	0.00
06/02/2024 22:30	3.8	264	10	4.8	0.00
06/02/2024 22:40	3.0	256	14	4.0	0.00
06/02/2024 22:50	3.0	251	12	4.0	0.00
06/02/2024 23:00	3.0	250	12	4.1	0.00
06/02/2024 23:10	2.8	252	13	4.0	0.00
06/02/2024 23:20	2.6	254	12	3.6	0.00
06/02/2024 23:30	2.6	255	12	3.4	0.00
06/02/2024 23:40	2.4	261	12	3.2	0.00
06/02/2024 23:50	2.7	258	11	3.6	0.00
07/02/2024 00:00	2.5	263	10	3.2	0.00
07/02/2024 00:10	2.7	265	10	3.6	0.00
07/02/2024 00:20	2.8	269	9	3.6	0.00
07/02/2024 00:30	2.7	272	12	3.5	0.00
07/02/2024 00:40	2.7	271	11	3.5	0.00
07/02/2024 00:50	2.6	266	11	3.2	0.00
07/02/2024 01:00	2.9	266	10	3.6	0.00
07/02/2024 01:10	3.2	267	10	4.3	0.00
07/02/2024 01:20	3.0	267	10	3.7	0.00
07/02/2024 01:30	3.0	266	9	3.7	0.00
07/02/2024 01:40	2.8	263	10	3.6	0.00
07/02/2024 01:50	3.0	261	9	3.8	0.00
07/02/2024 02:00	2.8	261	9	3.6	0.00
07/02/2024 02:10	2.7	261	10	3.6	0.00
07/02/2024 02:20	2.7	252	12	3.6	0.00
07/02/2024 02:30	3.0	251	12	4.0	0.00
07/02/2024 02:40	2.6	237	13	3.4	0.00
07/02/2024 02:50	2.7	239	12	3.6	0.00
07/02/2024 03:00	2.7	235	14	3.6	0.00
07/02/2024 03:10	2.6	239	12	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 03:20	2.6	246	12	3.3	0.00
07/02/2024 03:30	2.6	247	14	3.6	0.00
07/02/2024 03:40	2.1	239	15	3.2	0.00
07/02/2024 03:50	2.5	245	12	3.4	0.00
07/02/2024 04:00	2.4	234	16	3.2	0.00
07/02/2024 04:10	2.4	227	14	3.7	0.00
07/02/2024 04:20	2.1	228	16	3.2	0.00
07/02/2024 04:30	2.1	231	13	2.9	0.00
07/02/2024 04:40	1.7	228	19	2.7	0.00
07/02/2024 04:50	1.3	170	38	2.4	0.00
07/02/2024 05:00	0.8	214	36	1.9	0.00
07/02/2024 05:10	1.0	233	14	2.0	0.00
07/02/2024 05:20	1.4	229	15	2.1	0.00
07/02/2024 05:30	1.7	244	12	2.4	0.00
07/02/2024 05:40	2.0	251	11	2.7	0.00
07/02/2024 05:50	1.7	254	13	2.4	0.00
07/02/2024 06:00	2.0	261	10	2.7	0.00
07/02/2024 06:10	2.7	255	12	3.3	0.00
07/02/2024 06:20	2.3	243	14	3.2	0.00
07/02/2024 06:30	1.7	229	16	2.6	0.00
07/02/2024 06:40	1.5	229	14	2.2	0.00
07/02/2024 06:50	1.7	221	16	2.5	0.00
07/02/2024 07:00	2.2	229	13	3.1	0.00
07/02/2024 07:10	2.0	230	15	2.7	0.00
07/02/2024 07:20	2.4	225	17	3.3	0.00
07/02/2024 07:30	2.5	227	12	3.2	0.00
07/02/2024 07:40	2.2	229	21	3.2	0.00
07/02/2024 07:50	2.1	231	27	2.9	0.00
07/02/2024 08:00	1.9	233	25	3.0	0.00
07/02/2024 08:10	2.0	231	26	3.2	0.00
07/02/2024 08:20	1.2	209	56	2.8	0.00
07/02/2024 08:30	1.5	202	44	2.8	0.00
07/02/2024 08:40	1.8	198	32	2.8	0.00
07/02/2024 08:50	1.6	206	44	3.2	0.00
07/02/2024 09:00	1.3	185	28	2.5	0.00
07/02/2024 09:10	1.1	181	54	2.6	0.00
07/02/2024 09:20	1.9	136	21	3.2	0.00
07/02/2024 09:30	2.1	96	28	4.7	0.00
07/02/2024 09:40	1.3	110	32	3.1	0.00
07/02/2024 09:50	1.0	132	36	2.1	0.00
07/02/2024 10:00	2.3	75	19	3.4	0.00
07/02/2024 10:10	1.8	201	46	3.5	0.00
07/02/2024 10:20	3.9	300	18	5.9	0.00
07/02/2024 10:30	3.1	300	15	4.2	0.00
07/02/2024 10:40	2.7	296	23	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 10:50	3.2	301	16	4.6	0.00
07/02/2024 11:00	3.5	303	15	5.0	0.00
07/02/2024 11:10	3.8	302	15	5.1	0.00
07/02/2024 11:20	3.4	300	18	4.8	0.00
07/02/2024 11:30	3.4	302	17	4.8	0.00
07/02/2024 11:40	3.4	291	18	4.8	0.00
07/02/2024 11:50	3.3	295	16	4.8	0.00
07/02/2024 12:00	3.0	193	47	6.0	0.00
07/02/2024 12:10	2.6	203	45	4.9	0.00
07/02/2024 12:20	2.3	12	50	5.1	0.00
07/02/2024 12:30	2.3	23	40	4.0	0.00
07/02/2024 12:40	2.8	8	33	4.7	0.00
07/02/2024 12:50	2.7	47	40	4.8	0.00
07/02/2024 13:00	3.4	13	26	5.0	0.00
07/02/2024 13:10	3.0	177	20	5.2	0.00
07/02/2024 13:20	2.7	7	32	4.5	0.00
07/02/2024 13:30	3.1	3	24	4.7	0.00
07/02/2024 13:40	3.3	357	22	4.8	0.00
07/02/2024 13:50	3.1	175	26	4.5	0.00
07/02/2024 14:00	2.8	349	21	4.0	0.00
07/02/2024 14:10	3.1	338	22	4.4	0.00
07/02/2024 14:20	3.1	350	24	4.5	0.00
07/02/2024 14:30	3.1	346	21	4.4	0.00
07/02/2024 14:40	3.1	179	23	4.6	0.00
07/02/2024 14:50	3.0	177	25	4.4	0.00
07/02/2024 15:00	3.5	176	18	4.7	0.00
07/02/2024 15:10	3.5	343	18	5.3	0.00
07/02/2024 15:20	3.5	347	21	5.5	0.00
07/02/2024 15:30	4.0	347	15	5.5	0.00
07/02/2024 15:40	3.9	340	17	5.6	0.00
07/02/2024 15:50	3.9	345	19	6.0	0.00
07/02/2024 16:00	3.9	348	24	5.7	0.00
07/02/2024 16:10	4.3	333	19	6.0	0.00
07/02/2024 16:20	4.1	340	20	5.6	0.00
07/02/2024 16:30	4.3	340	16	6.2	0.00
07/02/2024 16:40	3.6	351	21	5.7	0.00
07/02/2024 16:50	3.8	344	17	5.9	0.00
07/02/2024 17:00	3.8	346	18	5.6	0.00
07/02/2024 17:10	3.2	349	23	5.0	0.00
07/02/2024 17:20	3.2	346	26	5.3	0.00
07/02/2024 17:30	3.9	342	23	5.9	0.00
07/02/2024 17:40	4.0	345	23	5.8	0.00
07/02/2024 17:50	3.6	348	19	5.7	0.00
07/02/2024 18:00	4.2	357	21	6.4	0.00
07/02/2024 18:10	3.7	350	19	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 18:20	3.4	341	25	5.3	0.00
07/02/2024 18:30	3.1	329	22	5.2	0.00
07/02/2024 18:40	3.1	313	19	4.7	0.00
07/02/2024 18:50	3.3	309	20	5.7	0.00
07/02/2024 19:00	3.4	301	16	5.0	0.00
07/02/2024 19:10	3.0	297	16	4.9	0.00
07/02/2024 19:20	2.3	308	19	3.8	0.00
07/02/2024 19:30	2.3	303	17	3.6	0.00
07/02/2024 19:40	2.5	284	21	3.7	0.00
07/02/2024 19:50	3.1	298	15	4.8	0.00
07/02/2024 20:00	3.0	282	16	4.4	0.00
07/02/2024 20:10	3.6	275	15	4.8	0.00
07/02/2024 20:20	3.8	272	13	5.0	0.00
07/02/2024 20:30	4.4	267	10	5.6	0.00
07/02/2024 20:40	3.6	272	11	5.3	0.00
07/02/2024 20:50	4.2	267	10	5.6	0.00
07/02/2024 21:00	4.2	267	9	5.7	0.00
07/02/2024 21:10	4.8	265	9	6.0	0.00
07/02/2024 21:20	4.8	265	9	6.0	0.00
07/02/2024 21:30	4.6	265	9	6.4	0.00
07/02/2024 21:40	4.8	266	8	6.1	0.00
07/02/2024 21:50	4.7	264	10	5.8	0.00
07/02/2024 22:00	4.8	267	9	6.0	0.00
07/02/2024 22:10	4.4	266	9	5.7	0.00
07/02/2024 22:20	4.4	261	11	6.0	0.00
07/02/2024 22:30	4.9	264	9	6.3	0.00
07/02/2024 22:40	4.5	260	10	6.2	0.00
07/02/2024 22:50	4.6	256	11	6.3	0.00
07/02/2024 23:00	4.2	260	10	5.4	0.00
07/02/2024 23:10	4.4	262	10	5.6	0.00
07/02/2024 23:20	4.3	256	12	5.3	0.00
07/02/2024 23:30	4.4	257	10	5.4	0.00
07/02/2024 23:40	4.4	261	11	6.3	0.00
07/02/2024 23:50	4.6	255	10	6.3	0.00
08/02/2024 00:00	3.8	257	11	5.5	0.00
08/02/2024 00:10	3.5	243	12	4.9	0.00
08/02/2024 00:20	3.5	239	12	5.5	0.00
08/02/2024 00:30	3.2	237	14	5.2	0.00
08/02/2024 00:40	3.5	227	15	5.1	0.00
08/02/2024 00:50	2.3	222	30	3.7	0.00
08/02/2024 01:00	0.6	217	57	1.6	0.00
08/02/2024 01:10	1.0	225	30	2.1	0.00
08/02/2024 01:20	0.4	228	34	1.4	0.00
08/02/2024 01:30	0.1	236	30	0.6	0.00
08/02/2024 01:40	0.4	224	23	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 01:50	0.9	226	28	2.2	0.00
08/02/2024 02:00	0.3	242	33	1.2	0.00
08/02/2024 02:10	0.1	219	12	0.6	0.00
08/02/2024 02:20	0.3	214	10	1.2	0.00
08/02/2024 02:30	0.3	224	13	1.1	0.00
08/02/2024 02:40	0.3	220	7	1.4	0.00
08/02/2024 02:50					0.00
08/02/2024 03:00	0.0	234	6	0.6	0.00
08/02/2024 03:10					0.00
08/02/2024 03:20	0.3	233	18	1.2	0.00
08/02/2024 03:30	0.6	249	45	1.8	0.00
08/02/2024 03:40	0.8	187	64	2.5	0.00
08/02/2024 03:50	1.2	208	46	2.0	0.00
08/02/2024 04:00	0.9	237	57	2.5	0.00
08/02/2024 04:10	0.5	232	42	1.4	0.00
08/02/2024 04:20	0.2	214	24	1.2	0.00
08/02/2024 04:30	0.9	246	29	1.6	0.00
08/02/2024 04:40	1.2	274	9	1.9	0.00
08/02/2024 04:50	1.9	245	13	2.7	0.00
08/02/2024 05:00	2.1	250	11	2.8	0.00
08/02/2024 05:10	1.4	249	12	2.0	0.00
08/02/2024 05:20	1.5	233	13	2.0	0.00
08/02/2024 05:30	1.7	262	15	2.5	0.00
08/02/2024 05:40	1.5	229	22	2.8	0.00
08/02/2024 05:50	3.5	224	10	4.9	0.00
08/02/2024 06:00	2.0	230	23	3.2	0.00
08/02/2024 06:10	2.8	229	14	3.9	0.00
08/02/2024 06:20	2.5	237	13	3.6	0.00
08/02/2024 06:30	2.6	243	13	3.8	0.00
08/02/2024 06:40	1.8	226	17	2.7	0.00
08/02/2024 06:50	2.3	236	12	3.6	0.00
08/02/2024 07:00	2.7	230	19	4.0	0.00
08/02/2024 07:10	2.6	247	13	3.7	0.00
08/02/2024 07:20	1.4	231	19	2.2	0.00
08/02/2024 07:30	1.3	230	19	2.2	0.00
08/02/2024 07:40	2.1	254	14	2.8	0.00
08/02/2024 07:50	2.5	254	16	3.6	0.00
08/02/2024 08:00	2.4	240	16	3.7	0.00
08/02/2024 08:10	2.6	230	23	4.0	0.00
08/02/2024 08:20	2.6	229	46	4.0	0.00
08/02/2024 08:30	2.1	232	73	3.8	0.00
08/02/2024 08:40	1.8	203	75	3.2	0.00
08/02/2024 08:50	1.8	313	100	3.5	0.00
08/02/2024 09:00	2.3	135	63	4.0	0.00
08/02/2024 09:10	3.2	141	30	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 09:20	3.8	140	19	5.7	0.00
08/02/2024 09:30	4.4	127	14	6.6	0.00
08/02/2024 09:40	4.1	127	15	6.4	0.00
08/02/2024 09:50	4.3	110	13	5.4	0.00
08/02/2024 10:00	4.5	103	12	6.2	0.00
08/02/2024 10:10	4.7	110	14	6.8	0.00
08/02/2024 10:20	5.3	102	13	7.4	0.00
08/02/2024 10:30	5.5	97	12	7.2	0.00
08/02/2024 10:40	5.7	94	15	7.9	0.00
08/02/2024 10:50	5.8	90	14	8.0	0.00
08/02/2024 11:00	6.0	98	14	8.3	0.00
08/02/2024 11:10	6.0	91	12	8.4	0.00
08/02/2024 11:20	6.7	86	11	9.1	0.00
08/02/2024 11:30	6.5	75	13	8.6	0.00
08/02/2024 11:40	6.2	70	13	8.7	0.00
08/02/2024 11:50	6.3	68	13	8.0	0.00
08/02/2024 12:00	6.2	66	12	8.1	0.00
08/02/2024 12:10	6.0	64	13	7.9	0.00
08/02/2024 12:20	5.9	72	11	8.2	0.00
08/02/2024 12:30	5.3	75	16	7.2	0.00
08/02/2024 12:40	5.7	74	15	8.4	0.00
08/02/2024 12:50	5.8	77	12	7.6	0.00
08/02/2024 13:00	5.1	65	13	7.4	0.00
08/02/2024 13:10	4.9	67	14	7.1	0.00
08/02/2024 13:20	4.6	55	16	6.5	0.00
08/02/2024 13:30	3.8	36	21	5.6	0.00
08/02/2024 13:40	3.9	190	26	6.2	0.00
08/02/2024 13:50	5.1	351	22	7.5	0.00
08/02/2024 14:00	5.5	339	18	7.8	0.00
08/02/2024 14:10	5.5	334	15	7.8	0.00
08/02/2024 14:20	5.5	344	15	7.3	0.00
08/02/2024 14:30	5.1	341	14	7.5	0.00
08/02/2024 14:40	5.1	340	16	7.0	0.00
08/02/2024 14:50	4.1	177	21	6.0	0.00
08/02/2024 15:00	4.8	345	20	7.1	0.00
08/02/2024 15:10	4.5	344	19	6.7	0.00
08/02/2024 15:20	4.3	353	20	6.2	0.00
08/02/2024 15:30	4.9	332	19	7.1	0.00
08/02/2024 15:40	5.0	310	13	7.3	0.00
08/02/2024 15:50	5.5	304	12	7.5	0.00
08/02/2024 16:00	5.2	291	15	6.9	0.00
08/02/2024 16:10	5.2	300	15	7.3	0.00
08/02/2024 16:20	5.5	294	12	8.0	0.00
08/02/2024 16:30	5.6	295	14	7.2	0.00
08/02/2024 16:40	5.1	293	14	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 16:50	5.5	295	12	6.9	0.00
08/02/2024 17:00	5.4	295	14	7.0	0.00
08/02/2024 17:10	5.0	279	16	7.0	0.00
08/02/2024 17:20	5.1	288	14	6.9	0.00
08/02/2024 17:30	4.6	284	16	6.4	0.00
08/02/2024 17:40	4.6	272	14	6.3	0.00
08/02/2024 17:50	5.0	262	12	6.5	0.00
08/02/2024 18:00	5.8	259	9	7.8	0.00
08/02/2024 18:10	5.2	261	10	6.7	0.00
08/02/2024 18:20	5.0	262	9	6.4	0.00
08/02/2024 18:30	4.7	261	10	6.3	0.00
08/02/2024 18:40	4.6	264	11	6.5	0.00
08/02/2024 18:50	4.8	265	10	6.3	0.00
08/02/2024 19:00	5.0	265	9	6.2	0.00
08/02/2024 19:10	4.3	263	12	5.5	0.00
08/02/2024 19:20	4.2	264	9	5.3	0.00
08/02/2024 19:30	4.6	265	9	5.7	0.00
08/02/2024 19:40	4.5	263	11	6.0	0.00
08/02/2024 19:50	4.0	257	11	5.0	0.00
08/02/2024 20:00	4.0	259	13	5.7	0.00
08/02/2024 20:10	3.9	256	13	4.9	0.00
08/02/2024 20:20	3.5	250	12	4.6	0.00
08/02/2024 20:30	3.7	253	12	5.6	0.00
08/02/2024 20:40	4.5	257	11	5.6	0.00
08/02/2024 20:50	4.0	255	10	5.3	0.00
08/02/2024 21:00	3.6	257	10	5.0	0.00
08/02/2024 21:10	3.7	258	10	4.6	0.00
08/02/2024 21:20	3.6	253	10	4.8	0.00
08/02/2024 21:30	3.5	246	12	5.5	0.00
08/02/2024 21:40	2.7	251	11	4.0	0.00
08/02/2024 21:50	3.4	250	13	4.4	0.00
08/02/2024 22:00	2.9	251	13	4.1	0.00
08/02/2024 22:10	3.7	246	12	4.8	0.00
08/02/2024 22:20	3.7	251	12	5.0	0.00
08/02/2024 22:30	3.3	253	11	4.7	0.00
08/02/2024 22:40	3.6	253	11	4.9	0.00
08/02/2024 22:50	3.8	262	10	5.4	0.00
08/02/2024 23:00	4.1	264	9	5.6	0.00
08/02/2024 23:10	4.2	258	11	5.9	0.00
08/02/2024 23:20	4.5	260	12	5.9	0.00
08/02/2024 23:30	4.0	255	14	6.0	0.00
08/02/2024 23:40	4.1	259	16	5.6	0.00
08/02/2024 23:50	3.9	243	13	5.3	0.00
09/02/2024 00:00	3.2	245	14	4.6	0.00
09/02/2024 00:10	2.9	243	13	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 00:20	3.0	256	14	4.4	0.00
09/02/2024 00:30	2.4	262	15	4.0	0.00
09/02/2024 00:40	2.3	45	33	3.6	0.00
09/02/2024 00:50	2.5	84	41	3.6	0.00
09/02/2024 01:00	1.9	147	25	2.8	0.00
09/02/2024 01:10	2.6	66	9	3.7	0.00
09/02/2024 01:20	0.8	204	54	1.7	0.00
09/02/2024 01:30	2.0	71	24	3.1	0.00
09/02/2024 01:40	1.7	45	15	2.5	0.00
09/02/2024 01:50	2.5	58	13	3.4	0.00
09/02/2024 02:00	2.6	24	14	4.0	0.00
09/02/2024 02:10	2.6	32	17	4.4	0.00
09/02/2024 02:20	2.9	33	23	4.7	0.00
09/02/2024 02:30	3.7	49	14	5.5	0.00
09/02/2024 02:40	3.5	44	14	5.2	0.00
09/02/2024 02:50	4.2	49	11	5.6	0.00
09/02/2024 03:00	3.2	47	12	4.4	0.00
09/02/2024 03:10	2.3	59	14	3.9	0.00
09/02/2024 03:20	3.6	57	15	5.2	0.00
09/02/2024 03:30	5.0	45	11	7.6	0.00
09/02/2024 03:40	5.8	41	12	7.9	0.00
09/02/2024 03:50	5.7	41	14	7.9	0.00
09/02/2024 04:00	5.1	36	13	6.8	0.00
09/02/2024 04:10	4.0	28	16	5.6	0.00
09/02/2024 04:20	3.7	21	16	5.4	0.00
09/02/2024 04:30	3.6	172	15	5.1	0.00
09/02/2024 04:40	3.8	345	20	6.0	0.00
09/02/2024 04:50	3.8	342	23	5.6	0.00
09/02/2024 05:00	3.9	343	20	5.9	0.00
09/02/2024 05:10	3.1	339	22	5.5	0.00
09/02/2024 05:20	3.5	329	17	5.1	0.00
09/02/2024 05:30	3.4	319	14	4.8	0.00
09/02/2024 05:40	3.3	306	15	4.8	0.00
09/02/2024 05:50	3.6	302	13	4.8	0.00
09/02/2024 06:00	3.4	302	13	4.8	0.00
09/02/2024 06:10	2.7	275	18	4.2	0.00
09/02/2024 06:20	3.3	276	16	4.4	0.00
09/02/2024 06:30	3.1	270	17	4.2	0.00
09/02/2024 06:40	3.1	271	13	4.4	0.00
09/02/2024 06:50	3.3	266	12	4.2	0.00
09/02/2024 07:00	2.7	266	12	4.1	0.00
09/02/2024 07:10	2.3	264	18	3.2	0.00
09/02/2024 07:20	2.0	262	15	2.8	0.00
09/02/2024 07:30	2.5	254	14	3.4	0.00
09/02/2024 07:40	2.5	242	13	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 07:50	2.2	232	16	3.1	0.00
09/02/2024 08:00	2.4	246	17	3.5	0.00
09/02/2024 08:10	2.8	254	16	4.2	0.00
09/02/2024 08:20	2.9	243	16	3.8	0.00
09/02/2024 08:30	2.7	246	16	3.8	0.00
09/02/2024 08:40	2.4	235	19	3.7	0.00
09/02/2024 08:50	2.3	253	19	3.3	0.00
09/02/2024 09:00	1.9	247	23	3.3	0.00
09/02/2024 09:10	1.4	241	41	2.2	0.00
09/02/2024 09:20	1.1	146	41	1.7	0.00
09/02/2024 09:30	1.9	57	26	3.2	0.00
09/02/2024 09:40	2.9	90	15	4.7	0.00
09/02/2024 09:50	3.6	109	15	5.2	0.00
09/02/2024 10:00	3.5	98	13	5.2	0.00
09/02/2024 10:10	3.7	105	17	4.9	0.00
09/02/2024 10:20	2.9	73	22	4.2	0.00
09/02/2024 10:30	3.4	88	16	5.0	0.00
09/02/2024 10:40	3.5	84	17	5.2	0.00
09/02/2024 10:50	4.0	77	15	5.6	0.00
09/02/2024 11:00	3.8	79	15	5.3	0.00
09/02/2024 11:10	3.8	82	14	5.3	0.00
09/02/2024 11:20	3.2	86	20	4.4	0.00
09/02/2024 11:30	3.7	90	17	4.8	0.00
09/02/2024 11:40	4.3	93	15	5.6	0.00
09/02/2024 11:50	3.7	79	15	5.4	0.00
09/02/2024 12:00	3.6	80	17	5.0	0.00
09/02/2024 12:10	3.9	87	14	5.4	0.00
09/02/2024 12:20	4.2	87	14	5.5	0.00
09/02/2024 12:30	3.7	89	14	4.8	0.00
09/02/2024 12:40	3.7	86	17	5.2	0.00
09/02/2024 12:50	2.9	44	39	4.4	0.00
09/02/2024 13:00	2.5	178	28	3.9	0.00
09/02/2024 13:10	2.7	182	27	4.2	0.00
09/02/2024 13:20	2.8	355	25	4.0	0.00
09/02/2024 13:30	2.6	186	30	4.0	0.00
09/02/2024 13:40	3.3	348	21	5.1	0.00
09/02/2024 13:50	3.5	355	18	4.7	0.00
09/02/2024 14:00	3.1	179	20	4.4	0.00
09/02/2024 14:10	3.0	355	22	4.1	0.00
09/02/2024 14:20	3.3	177	18	4.5	0.00
09/02/2024 14:30	3.0	346	20	4.5	0.00
09/02/2024 14:40	2.9	2	23	4.6	0.00
09/02/2024 14:50	3.0	16	21	4.7	0.00
09/02/2024 15:00	3.4	179	17	4.8	0.00
09/02/2024 15:10	3.5	343	23	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 15:20	4.2	353	19	5.5	0.00
09/02/2024 15:30	4.1	8	17	5.9	0.00
09/02/2024 15:40	4.1	358	19	5.4	0.00
09/02/2024 15:50	4.1	359	16	5.6	0.00
09/02/2024 16:00	4.0	356	19	5.7	0.00
09/02/2024 16:10	4.0	183	19	6.0	0.00
09/02/2024 16:20	3.8	178	21	5.4	0.00
09/02/2024 16:30	4.2	356	17	6.0	0.00
09/02/2024 16:40	4.7	355	18	6.5	0.00
09/02/2024 16:50	4.3	4	20	5.8	0.00
09/02/2024 17:00	4.6	350	14	6.5	0.00
09/02/2024 17:10	4.5	180	17	6.0	0.00
09/02/2024 17:20	4.2	3	24	6.3	0.00
09/02/2024 17:30	4.4	358	20	6.7	0.00
09/02/2024 17:40	4.1	356	22	6.5	0.00
09/02/2024 17:50	4.2	2	17	6.5	0.00
09/02/2024 18:00	4.0	182	19	6.0	0.00
09/02/2024 18:10	3.7	5	22	5.2	0.00
09/02/2024 18:20	4.5	7	14	6.4	0.00
09/02/2024 18:30	3.7	20	16	5.5	0.00
09/02/2024 18:40	3.6	23	17	5.3	0.00
09/02/2024 18:50	3.0	10	18	4.1	0.00
09/02/2024 19:00	3.3	13	18	4.8	0.00
09/02/2024 19:10	3.4	16	16	5.5	0.00
09/02/2024 19:20	3.8	10	15	5.6	0.00
09/02/2024 19:30	3.0	9	16	4.0	0.00
09/02/2024 19:40	3.7	11	13	5.0	0.00
09/02/2024 19:50	3.9	353	17	5.2	0.00
09/02/2024 20:00	3.0	66	38	5.4	0.10
09/02/2024 20:10	4.2	188	54	7.6	0.50
09/02/2024 20:20	7.4	227	21	12.2	0.30
09/02/2024 20:30	6.3	247	14	9.7	0.10
09/02/2024 20:40	4.0	252	13	6.4	0.30
09/02/2024 20:50	3.8	243	38	6.0	0.10
09/02/2024 21:00	4.8	140	21	7.5	0.20
09/02/2024 21:10	3.4	214	38	5.0	0.00
09/02/2024 21:20	2.6	231	33	4.3	0.00
09/02/2024 21:30	2.1	248	15	3.4	0.00
09/02/2024 21:40	3.1	256	11	4.2	0.00
09/02/2024 21:50	2.9	245	13	3.7	0.00
09/02/2024 22:00	2.7	255	12	3.7	0.00
09/02/2024 22:10	2.4	245	12	3.7	0.00
09/02/2024 22:20	2.4	251	11	3.1	0.00
09/02/2024 22:30	2.1	240	14	3.0	0.00
09/02/2024 22:40	2.0	236	12	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 22:50	2.2	235	10	3.0	0.00
09/02/2024 23:00	2.2	248	11	3.2	0.00
09/02/2024 23:10	2.2	244	12	2.8	0.00
09/02/2024 23:20	2.1	244	12	3.0	0.00
09/02/2024 23:30	1.7	232	13	2.4	0.00
09/02/2024 23:40	1.9	246	12	2.8	0.00
09/02/2024 23:50	1.2	249	14	1.6	0.00
10/02/2024 00:00	1.5	260	14	2.0	0.00
10/02/2024 00:10	1.8	264	12	2.4	0.00
10/02/2024 00:20	1.9	252	10	2.5	0.00
10/02/2024 00:30	2.1	244	12	3.0	0.00
10/02/2024 00:40	1.9	235	14	2.6	0.00
10/02/2024 00:50	1.6	236	19	2.5	0.00
10/02/2024 01:00	1.3	231	60	2.5	0.00
10/02/2024 01:10	1.0	228	37	1.9	0.00
10/02/2024 01:20	0.7	201	41	2.0	0.00
10/02/2024 01:30	1.0	135	52	2.0	0.00
10/02/2024 01:40	1.1	67	23	2.0	0.00
10/02/2024 01:50	1.7	101	24	3.2	0.00
10/02/2024 02:00	1.9	134	29	3.3	0.00
10/02/2024 02:10	1.6	103	26	2.8	0.00
10/02/2024 02:20	1.0	95	19	1.9	0.00
10/02/2024 02:30	1.4	65	22	2.4	0.00
10/02/2024 02:40	1.5	125	30	2.4	0.00
10/02/2024 02:50	1.3	114	19	2.0	0.00
10/02/2024 03:00	1.1	122	16	1.6	0.00
10/02/2024 03:10	0.3	97	6	1.1	0.00
10/02/2024 03:20	1.1	138	22	1.6	0.00
10/02/2024 03:30	0.6	66	16	1.7	0.00
10/02/2024 03:40	1.2	124	43	2.2	0.00
10/02/2024 03:50	1.0	133	64	2.4	0.00
10/02/2024 04:00	0.5	143	36	1.6	0.00
10/02/2024 04:10	0.6	123	10	1.3	0.00
10/02/2024 04:20	0.4	194	29	1.7	0.00
10/02/2024 04:30	0.4	268	15	1.1	0.00
10/02/2024 04:40	0.6	299	20	1.1	0.00
10/02/2024 04:50	0.9	241	27	1.4	0.00
10/02/2024 05:00	0.8	249	27	1.6	0.00
10/02/2024 05:10	1.4	292	18	1.7	0.00
10/02/2024 05:20	1.6	265	15	2.3	0.00
10/02/2024 05:30	0.8	235	28	1.3	0.00
10/02/2024 05:40	1.7	252	11	2.4	0.00
10/02/2024 05:50	0.6	231	28	1.6	0.00
10/02/2024 06:00	1.0	254	15	1.6	0.00
10/02/2024 06:10	1.6	250	10	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 06:20	1.1	226	20	1.6	0.00
10/02/2024 06:30	0.0	60	0	0.4	0.00
10/02/2024 06:40	0.4	181	6	0.8	0.00
10/02/2024 06:50	0.6	193	34	1.2	0.00
10/02/2024 07:00	0.5	117	11	0.9	0.00
10/02/2024 07:10	0.2	164	7	1.0	0.00
10/02/2024 07:20	2.4	266	20	4.4	0.00
10/02/2024 07:30	2.7	265	14	4.0	0.00
10/02/2024 07:40	3.6	262	13	5.0	0.00
10/02/2024 07:50	3.4	249	15	4.5	0.00
10/02/2024 08:00	4.1	264	14	5.5	0.00
10/02/2024 08:10	4.1	260	12	5.8	0.00
10/02/2024 08:20	4.6	266	9	6.0	0.00
10/02/2024 08:30	3.6	265	15	4.7	0.00
10/02/2024 08:40	3.4	276	14	4.8	0.00
10/02/2024 08:50	2.8	255	14	4.4	0.00
10/02/2024 09:00	2.6	267	23	3.7	0.00
10/02/2024 09:10	2.8	266	17	3.7	0.00
10/02/2024 09:20	3.1	273	17	4.0	0.00
10/02/2024 09:30	3.1	283	16	4.1	0.00
10/02/2024 09:40	2.8	278	17	3.9	0.00
10/02/2024 09:50	2.8	289	15	3.8	0.00
10/02/2024 10:00	3.0	287	20	4.0	0.00
10/02/2024 10:10	3.4	289	17	4.8	0.00
10/02/2024 10:20	3.3	282	16	4.4	0.00
10/02/2024 10:30	3.0	282	17	4.0	0.00
10/02/2024 10:40	3.0	284	19	4.4	0.00
10/02/2024 10:50	3.0	287	19	4.2	0.00
10/02/2024 11:00	2.5	285	21	3.9	0.00
10/02/2024 11:10	3.3	285	19	4.8	0.00
10/02/2024 11:20	3.4	314	16	4.6	0.00
10/02/2024 11:30	3.2	291	21	4.6	0.00
10/02/2024 11:40	3.9	269	15	5.3	0.00
10/02/2024 11:50	3.8	288	22	5.2	0.00
10/02/2024 12:00	4.0	303	18	5.6	0.00
10/02/2024 12:10	4.5	275	14	5.7	0.00
10/02/2024 12:20	4.5	277	15	6.0	0.00
10/02/2024 12:30	4.7	275	19	6.4	0.00
10/02/2024 12:40	4.0	295	18	5.8	0.00
10/02/2024 12:50	3.8	294	24	5.6	0.00
10/02/2024 13:00	4.1	302	17	5.7	0.00
10/02/2024 13:10	4.4	302	14	5.8	0.00
10/02/2024 13:20	4.4	285	14	5.6	0.00
10/02/2024 13:30	4.8	273	16	6.5	0.00
10/02/2024 13:40	4.5	281	21	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 13:50	5.5	274	18	7.5	0.00
10/02/2024 14:00	5.8	267	14	7.3	0.00
10/02/2024 14:10	5.9	277	15	8.5	0.00
10/02/2024 14:20	6.6	266	14	9.0	0.00
10/02/2024 14:30	7.2	260	11	9.9	0.00
10/02/2024 14:40	7.0	265	12	9.4	0.00
10/02/2024 14:50	6.9	267	13	9.5	0.00
10/02/2024 15:00	6.5	264	14	8.6	0.00
10/02/2024 15:10	5.7	268	15	8.0	0.00
10/02/2024 15:20	5.9	266	11	7.7	0.00
10/02/2024 15:30	5.8	262	10	7.3	0.00
10/02/2024 15:40	5.9	265	13	7.9	0.00
10/02/2024 15:50	6.6	270	12	8.7	0.00
10/02/2024 16:00	6.4	262	9	7.9	0.00
10/02/2024 16:10	5.2	270	12	7.2	0.00
10/02/2024 16:20	5.2	282	16	7.5	0.00
10/02/2024 16:30	4.7	280	16	6.4	0.00
10/02/2024 16:40	5.2	279	19	6.9	0.00
10/02/2024 16:50	5.6	268	10	7.6	0.00
10/02/2024 17:00	5.1	267	13	6.9	0.00
10/02/2024 17:10	4.3	281	19	6.0	0.00
10/02/2024 17:20	4.8	276	13	6.7	0.00
10/02/2024 17:30	6.2	263	12	8.4	0.00
10/02/2024 17:40	5.6	266	12	7.5	0.00
10/02/2024 17:50	5.8	268	11	7.5	0.00
10/02/2024 18:00	5.4	266	12	7.2	0.00
10/02/2024 18:10	5.6	264	13	8.1	0.00
10/02/2024 18:20	6.6	263	11	9.1	0.00
10/02/2024 18:30	6.4	267	10	8.5	0.00
10/02/2024 18:40	5.7	270	11	7.7	0.00
10/02/2024 18:50	4.6	275	14	7.3	0.00
10/02/2024 19:00	4.9	276	14	6.8	0.00
10/02/2024 19:10	5.7	264	10	7.4	0.00
10/02/2024 19:20	5.8	264	10	7.5	0.00
10/02/2024 19:30	5.3	266	10	7.3	0.00
10/02/2024 19:40	5.4	262	12	7.2	0.00
10/02/2024 19:50	5.3	264	10	6.8	0.00
10/02/2024 20:00	4.5	260	12	6.0	0.00
10/02/2024 20:10	4.8	259	11	6.4	0.00
10/02/2024 20:20	4.4	257	11	6.3	0.00
10/02/2024 20:30	4.5	262	11	6.1	0.00
10/02/2024 20:40	4.2	257	12	6.2	0.00
10/02/2024 20:50	4.9	258	13	6.8	0.00
10/02/2024 21:00	4.8	254	12	6.6	0.00
10/02/2024 21:10	5.5	259	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 21:20	4.2	264	10	5.8	0.00
10/02/2024 21:30	4.4	267	10	5.5	0.00
10/02/2024 21:40	4.3	264	11	5.6	0.00
10/02/2024 21:50	4.6	262	10	7.0	0.00
10/02/2024 22:00	4.3	264	11	5.8	0.00
10/02/2024 22:10	4.6	259	11	6.0	0.00
10/02/2024 22:20	4.9	259	11	7.1	0.00
10/02/2024 22:30	4.6	257	10	6.4	0.00
10/02/2024 22:40	4.6	260	11	6.1	0.00
10/02/2024 22:50	4.2	259	12	5.6	0.00
10/02/2024 23:00	4.4	262	11	5.6	0.00
10/02/2024 23:10	4.4	263	11	5.7	0.00
10/02/2024 23:20	4.3	260	9	5.3	0.00
10/02/2024 23:30	4.2	260	10	5.5	0.00
10/02/2024 23:40	4.4	258	9	5.8	0.00
10/02/2024 23:50	4.6	261	10	5.8	0.00
11/02/2024 00:00	4.3	260	9	5.3	0.00
11/02/2024 00:10	3.7	262	10	4.9	0.00
11/02/2024 00:20	3.6	261	9	4.8	0.00
11/02/2024 00:30	2.8	252	12	3.5	0.00
11/02/2024 00:40	2.9	254	11	4.0	0.00
11/02/2024 00:50	3.1	247	12	4.4	0.00
11/02/2024 01:00	3.4	251	11	4.8	0.00
11/02/2024 01:10	3.9	260	12	5.3	0.00
11/02/2024 01:20	4.1	260	11	5.2	0.00
11/02/2024 01:30	3.8	262	8	5.0	0.00
11/02/2024 01:40	4.3	260	10	5.5	0.00
11/02/2024 01:50	4.7	259	9	6.3	0.00
11/02/2024 02:00	4.3	261	9	5.4	0.00
11/02/2024 02:10	4.0	264	10	5.1	0.00
11/02/2024 02:20	3.6	264	10	4.5	0.00
11/02/2024 02:30	3.7	269	8	4.5	0.00
11/02/2024 02:40	3.8	268	8	5.1	0.00
11/02/2024 02:50	3.3	266	9	4.4	0.00
11/02/2024 03:00	2.9	263	12	4.2	0.00
11/02/2024 03:10	3.3	265	10	4.4	0.00
11/02/2024 03:20	3.4	264	10	4.5	0.00
11/02/2024 03:30	3.5	264	11	4.7	0.00
11/02/2024 03:40	3.8	270	8	4.8	0.00
11/02/2024 03:50	3.3	266	8	4.3	0.00
11/02/2024 04:00	3.1	267	11	3.9	0.00
11/02/2024 04:10	3.3	264	9	4.3	0.00
11/02/2024 04:20	3.7	263	9	4.7	0.00
11/02/2024 04:30	3.6	266	8	4.4	0.00
11/02/2024 04:40	3.6	261	9	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 04:50	3.4	260	9	4.4	0.00
11/02/2024 05:00	3.4	261	8	4.4	0.00
11/02/2024 05:10	3.6	266	8	4.3	0.00
11/02/2024 05:20	3.5	260	9	4.5	0.00
11/02/2024 05:30	3.6	258	9	4.9	0.00
11/02/2024 05:40	4.1	267	8	5.0	0.00
11/02/2024 05:50	3.9	267	8	4.8	0.00
11/02/2024 06:00	2.8	262	9	3.8	0.00
11/02/2024 06:10	2.8	258	9	3.6	0.00
11/02/2024 06:20	2.6	257	10	3.2	0.00
11/02/2024 06:30	1.8	251	13	2.6	0.00
11/02/2024 06:40	1.4	247	15	2.4	0.00
11/02/2024 06:50	2.5	266	11	3.3	0.00
11/02/2024 07:00	2.8	262	10	3.4	0.00
11/02/2024 07:10	2.8	260	11	3.8	0.00
11/02/2024 07:20	3.0	272	10	4.1	0.00
11/02/2024 07:30	3.4	266	12	4.4	0.00
11/02/2024 07:40	3.2	267	14	4.4	0.00
11/02/2024 07:50	3.2	263	13	4.0	0.00
11/02/2024 08:00	3.2	268	15	4.6	0.00
11/02/2024 08:10	2.8	264	16	3.7	0.00
11/02/2024 08:20	3.2	267	13	4.6	0.00
11/02/2024 08:30	3.4	264	14	4.3	0.00
11/02/2024 08:40	3.4	269	15	4.4	0.00
11/02/2024 08:50	3.1	277	16	4.4	0.00
11/02/2024 09:00	2.9	277	18	4.2	0.00
11/02/2024 09:10	3.4	286	14	4.3	0.00
11/02/2024 09:20	3.0	285	17	4.1	0.00
11/02/2024 09:30	3.3	286	22	4.7	0.00
11/02/2024 09:40	3.3	279	18	4.4	0.00
11/02/2024 09:50	3.9	271	15	4.8	0.00
11/02/2024 10:00	3.3	275	15	4.6	0.00
11/02/2024 10:10	2.6	286	18	3.6	0.00
11/02/2024 10:20	2.7	277	20	3.6	0.00
11/02/2024 10:30	2.8	272	18	4.0	0.00
11/02/2024 10:40	2.6	270	21	3.6	0.00
11/02/2024 10:50	2.1	303	21	3.0	0.00
11/02/2024 11:00	2.2	294	30	3.6	0.00
11/02/2024 11:10	3.3	290	16	4.5	0.00
11/02/2024 11:20	3.6	298	13	4.8	0.00
11/02/2024 11:30	4.1	292	16	5.1	0.00
11/02/2024 11:40	4.1	264	16	5.2	0.00
11/02/2024 11:50	4.3	270	15	5.8	0.00
11/02/2024 12:00	4.3	283	20	5.6	0.00
11/02/2024 12:10	4.6	267	15	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 12:20	4.3	280	15	6.2	0.00
11/02/2024 12:30	4.5	282	17	6.2	0.00
11/02/2024 12:40	4.4	292	18	6.4	0.00
11/02/2024 12:50	4.4	282	19	6.0	0.00
11/02/2024 13:00	3.8	284	23	5.9	0.00
11/02/2024 13:10	3.8	270	18	5.6	0.00
11/02/2024 13:20	4.0	283	20	5.2	0.00
11/02/2024 13:30	4.2	297	13	5.6	0.00
11/02/2024 13:40	4.3	300	16	6.0	0.00
11/02/2024 13:50	4.2	304	13	5.6	0.00
11/02/2024 14:00	4.1	307	15	5.8	0.00
11/02/2024 14:10	4.6	303	13	6.0	0.00
11/02/2024 14:20	5.3	301	12	6.6	0.00
11/02/2024 14:30	5.4	301	11	7.0	0.00
11/02/2024 14:40	4.7	306	15	6.0	0.00
11/02/2024 14:50	5.4	301	11	6.7	0.00
11/02/2024 15:00	5.4	304	11	6.9	0.00
11/02/2024 15:10	4.9	309	14	6.6	0.00
11/02/2024 15:20	5.4	303	12	7.1	0.00
11/02/2024 15:30	4.7	310	15	6.4	0.00
11/02/2024 15:40	5.0	302	12	6.5	0.00
11/02/2024 15:50	5.3	300	14	7.2	0.00
11/02/2024 16:00	5.3	301	12	6.8	0.00
11/02/2024 16:10	5.4	296	15	7.0	0.00
11/02/2024 16:20	5.4	297	13	6.9	0.00
11/02/2024 16:30	5.2	276	17	6.9	0.00
11/02/2024 16:40	6.0	269	13	7.8	0.00
11/02/2024 16:50	6.6	268	11	8.7	0.00
11/02/2024 17:00	7.0	266	11	8.6	0.00
11/02/2024 17:10	6.3	261	11	8.1	0.00
11/02/2024 17:20	6.6	267	9	8.1	0.00
11/02/2024 17:30	5.7	263	11	7.6	0.00
11/02/2024 17:40	5.6	258	12	7.8	0.00
11/02/2024 17:50	5.8	263	10	7.7	0.00
11/02/2024 18:00	5.9	266	10	7.2	0.00
11/02/2024 18:10	6.1	267	10	8.2	0.00
11/02/2024 18:20	6.6	266	10	8.3	0.00
11/02/2024 18:30	7.2	269	9	8.6	0.00
11/02/2024 18:40	6.4	266	9	7.7	0.00
11/02/2024 18:50	6.4	268	8	8.0	0.00
11/02/2024 19:00	5.8	267	10	7.2	0.00
11/02/2024 19:10	5.9	268	8	7.2	0.00
11/02/2024 19:20	5.5	267	8	6.8	0.00
11/02/2024 19:30	5.7	268	10	7.1	0.00
11/02/2024 19:40	5.7	269	9	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 19:50	6.2	268	9	7.9	0.00
11/02/2024 20:00	6.4	269	10	8.3	0.00
11/02/2024 20:10	5.3	274	13	7.4	0.00
11/02/2024 20:20	5.1	278	13	6.8	0.00
11/02/2024 20:30	4.9	273	13	6.4	0.00
11/02/2024 20:40	5.3	276	13	7.3	0.00
11/02/2024 20:50	5.9	270	12	8.0	0.00
11/02/2024 21:00	5.5	266	9	7.4	0.00
11/02/2024 21:10	5.6	270	10	7.7	0.00
11/02/2024 21:20	6.3	268	9	8.7	0.00
11/02/2024 21:30	6.3	267	9	7.9	0.00
11/02/2024 21:40	5.2	268	11	6.6	0.00
11/02/2024 21:50	5.6	265	9	6.8	0.00
11/02/2024 22:00	6.2	266	9	7.8	0.00
11/02/2024 22:10	6.1	263	10	7.9	0.00
11/02/2024 22:20	5.8	261	10	7.8	0.00
11/02/2024 22:30	5.8	265	10	7.7	0.00
11/02/2024 22:40	5.9	262	9	8.1	0.00
11/02/2024 22:50	5.9	262	10	7.8	0.00
11/02/2024 23:00	5.8	262	10	7.6	0.00
11/02/2024 23:10	6.0	260	11	7.5	0.00
11/02/2024 23:20	5.7	261	11	7.8	0.00
11/02/2024 23:30	5.6	260	10	7.2	0.00
11/02/2024 23:40	5.1	261	9	6.2	0.00
11/02/2024 23:50	5.2	262	10	6.7	0.00
12/02/2024 00:00	4.9	260	10	6.4	0.00
12/02/2024 00:10	5.3	261	9	6.9	0.00
12/02/2024 00:20	5.1	260	10	6.2	0.00
12/02/2024 00:30	5.1	260	9	6.8	0.00
12/02/2024 00:40	4.8	258	10	6.2	0.00
12/02/2024 00:50	4.0	256	11	4.9	0.00
12/02/2024 01:00	4.7	249	11	6.3	0.00
12/02/2024 01:10	4.7	251	10	6.2	0.00
12/02/2024 01:20	4.5	257	11	5.8	0.00
12/02/2024 01:30	4.3	250	11	6.2	0.00
12/02/2024 01:40	4.3	256	11	5.7	0.00
12/02/2024 01:50	4.1	259	11	5.6	0.00
12/02/2024 02:00	3.9	259	12	5.2	0.00
12/02/2024 02:10	3.6	253	10	4.6	0.00
12/02/2024 02:20	3.6	250	10	5.0	0.00
12/02/2024 02:30	3.6	258	11	4.8	0.00
12/02/2024 02:40	3.3	258	10	4.3	0.00
12/02/2024 02:50	4.0	257	9	5.1	0.00
12/02/2024 03:00	3.7	256	10	5.2	0.00
12/02/2024 03:10	3.9	254	12	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 03:20	3.5	256	9	4.3	0.00
12/02/2024 03:30	3.0	265	9	3.9	0.00
12/02/2024 03:40	3.5	269	8	4.5	0.00
12/02/2024 03:50	3.6	267	7	4.6	0.00
12/02/2024 04:00	2.7	264	8	3.6	0.00
12/02/2024 04:10	2.4	262	8	3.2	0.00
12/02/2024 04:20	2.3	252	10	3.1	0.00
12/02/2024 04:30	1.9	262	9	2.6	0.00
12/02/2024 04:40	2.3	267	9	3.1	0.00
12/02/2024 04:50	2.5	267	9	3.5	0.00
12/02/2024 05:00	3.0	263	10	3.7	0.00
12/02/2024 05:10	2.1	264	11	3.6	0.00
12/02/2024 05:20	2.5	264	9	3.2	0.00
12/02/2024 05:30	2.5	263	11	3.3	0.00
12/02/2024 05:40	2.4	265	11	3.1	0.00
12/02/2024 05:50	2.2	270	13	2.9	0.00
12/02/2024 06:00	2.6	267	12	3.5	0.00
12/02/2024 06:10	2.6	269	11	3.6	0.00
12/02/2024 06:20	3.4	268	9	4.5	0.00
12/02/2024 06:30	3.0	270	12	4.1	0.00
12/02/2024 06:40	3.7	265	10	5.0	0.00
12/02/2024 06:50	3.2	265	11	4.1	0.00
12/02/2024 07:00	3.2	263	12	4.4	0.00
12/02/2024 07:10	3.1	267	11	4.0	0.00
12/02/2024 07:20	2.8	280	13	4.2	0.00
12/02/2024 07:30	3.4	296	13	4.5	0.00
12/02/2024 07:40	3.5	284	16	4.6	0.00
12/02/2024 07:50	3.2	289	17	4.8	0.00
12/02/2024 08:00	3.7	288	14	5.0	0.00
12/02/2024 08:10	3.7	286	15	5.1	0.00
12/02/2024 08:20	3.7	289	17	5.0	0.00
12/02/2024 08:30	3.3	283	18	4.7	0.00
12/02/2024 08:40	3.9	291	13	5.0	0.00
12/02/2024 08:50	3.6	298	10	4.8	0.00
12/02/2024 09:00	4.2	304	14	5.6	0.00
12/02/2024 09:10	4.2	302	14	5.6	0.00
12/02/2024 09:20	4.5	297	14	6.1	0.00
12/02/2024 09:30	4.2	300	14	5.9	0.00
12/02/2024 09:40	3.4	299	16	5.3	0.00
12/02/2024 09:50	3.7	303	13	5.6	0.00
12/02/2024 10:00	3.4	300	18	5.5	0.00
12/02/2024 10:10	3.5	302	23	5.0	0.00
12/02/2024 10:20	3.5	284	22	5.2	0.00
12/02/2024 10:30	3.8	291	22	5.5	0.00
12/02/2024 10:40	3.7	283	20	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 10:50	4.3	287	18	6.0	0.00
12/02/2024 11:00	4.8	288	21	7.0	0.00
12/02/2024 11:10	4.7	298	17	6.1	0.00
12/02/2024 11:20	4.5	304	15	6.1	0.00
12/02/2024 11:30	4.7	303	10	6.2	0.00
12/02/2024 11:40	5.0	300	13	6.8	0.00
12/02/2024 11:50	5.1	301	14	7.0	0.00
12/02/2024 12:00	4.6	304	15	7.0	0.00
12/02/2024 12:10	4.8	308	15	6.8	0.00
12/02/2024 12:20	5.1	311	18	7.0	0.00
12/02/2024 12:30	5.5	317	19	7.9	0.00
12/02/2024 12:40	5.0	316	17	6.9	0.00
12/02/2024 12:50	5.2	307	15	7.3	0.00
12/02/2024 13:00	5.0	305	18	7.4	0.00
12/02/2024 13:10	5.2	299	14	7.2	0.00
12/02/2024 13:20	5.2	306	14	7.4	0.00
12/02/2024 13:30	5.0	302	17	7.0	0.00
12/02/2024 13:40	4.6	304	20	6.5	0.00
12/02/2024 13:50	4.6	311	20	6.3	0.00
12/02/2024 14:00	5.2	309	17	7.2	0.00
12/02/2024 14:10	5.7	306	15	7.7	0.00
12/02/2024 14:20	5.1	294	15	7.4	0.00
12/02/2024 14:30	4.7	296	17	7.5	0.00
12/02/2024 14:40	4.7	301	20	6.6	0.00
12/02/2024 14:50	5.2	303	18	7.3	0.00
12/02/2024 15:00	5.6	303	17	7.9	0.00
12/02/2024 15:10	5.3	301	14	8.0	0.00
12/02/2024 15:20	5.5	310	18	7.8	0.00
12/02/2024 15:30	5.3	308	15	7.4	0.00
12/02/2024 15:40	5.6	304	14	7.6	0.00
12/02/2024 15:50	5.4	298	16	7.2	0.00
12/02/2024 16:00	6.0	306	16	7.7	0.00
12/02/2024 16:10	6.2	301	15	7.9	0.00
12/02/2024 16:20	6.1	298	13	8.0	0.00
12/02/2024 16:30	5.5	306	13	7.3	0.00
12/02/2024 16:40	5.8	302	13	8.1	0.00
12/02/2024 16:50	5.3	301	12	7.2	0.00
12/02/2024 17:00	5.6	298	13	7.5	0.00
12/02/2024 17:10	5.7	300	13	7.6	0.00
12/02/2024 17:20	6.1	302	12	8.4	0.00
12/02/2024 17:30	5.5	296	14	8.3	0.00
12/02/2024 17:40	6.2	297	14	8.2	0.00
12/02/2024 17:50	6.2	299	12	7.9	0.00
12/02/2024 18:00	6.1	300	11	7.9	0.00
12/02/2024 18:10	6.0	301	10	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 18:20	5.8	300	9	7.5	0.00
12/02/2024 18:30	5.2	296	12	6.9	0.00
12/02/2024 18:40	5.0	295	12	6.9	0.00
12/02/2024 18:50	5.0	298	14	6.5	0.00
12/02/2024 19:00	5.6	293	13	7.3	0.00
12/02/2024 19:10	5.8	301	10	7.2	0.00
12/02/2024 19:20	4.8	297	13	7.5	0.00
12/02/2024 19:30	4.7	280	13	7.2	0.00
12/02/2024 19:40	5.8	277	14	8.0	0.00
12/02/2024 19:50	5.1	280	13	6.8	0.00
12/02/2024 20:00	4.8	276	13	6.2	0.00
12/02/2024 20:10	4.4	278	14	6.2	0.00
12/02/2024 20:20	5.2	276	13	6.8	0.00
12/02/2024 20:30	4.6	275	13	6.3	0.00
12/02/2024 20:40	4.6	276	12	6.3	0.00
12/02/2024 20:50	5.8	268	10	7.9	0.00
12/02/2024 21:00	5.7	272	13	7.7	0.00
12/02/2024 21:10	5.9	274	11	8.0	0.00
12/02/2024 21:20	5.7	277	11	7.4	0.00
12/02/2024 21:30	4.9	283	13	6.6	0.00
12/02/2024 21:40	5.2	278	15	7.0	0.00
12/02/2024 21:50	5.6	277	14	7.3	0.00
12/02/2024 22:00	5.3	271	11	7.7	0.00
12/02/2024 22:10	5.1	282	14	7.6	0.00
12/02/2024 22:20	5.1	275	13	7.9	0.00
12/02/2024 22:30	5.1	278	14	6.9	0.00
12/02/2024 22:40	5.3	267	11	7.4	0.00
12/02/2024 22:50	4.9	273	14	6.8	0.00
12/02/2024 23:00	5.0	270	13	6.9	0.00
12/02/2024 23:10	4.6	269	13	6.7	0.00
12/02/2024 23:20	5.0	272	13	6.8	0.00
12/02/2024 23:30	6.3	267	10	8.6	0.00
12/02/2024 23:40	7.0	268	11	9.4	0.00
12/02/2024 23:50	6.9	271	11	9.1	0.00
13/02/2024 00:00	6.7	269	12	8.9	0.00
13/02/2024 00:10	7.6	267	10	10.3	0.00
13/02/2024 00:20	7.0	268	10	9.1	0.00
13/02/2024 00:30	7.6	265	8	9.9	0.00
13/02/2024 00:40	7.5	269	9	10.1	0.00
13/02/2024 00:50	7.2	267	10	9.1	0.00
13/02/2024 01:00	6.3	266	8	8.4	0.00
13/02/2024 01:10	5.4	269	11	7.6	0.00
13/02/2024 01:20	5.0	268	10	6.7	0.00
13/02/2024 01:30	4.2	274	12	6.1	0.00
13/02/2024 01:40	3.5	271	10	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 01:50	3.6	279	14	5.0	0.00
13/02/2024 02:00	3.5	292	15	4.9	0.00
13/02/2024 02:10	3.3	283	14	4.8	0.00
13/02/2024 02:20	3.9	297	13	5.3	0.00
13/02/2024 02:30	3.7	292	12	5.1	0.00
13/02/2024 02:40	4.0	298	13	5.5	0.00
13/02/2024 02:50	3.6	289	12	5.0	0.00
13/02/2024 03:00	3.7	294	15	4.9	0.00
13/02/2024 03:10	3.5	291	19	4.8	0.00
13/02/2024 03:20	3.8	271	15	5.6	0.00
13/02/2024 03:30	3.5	282	16	4.8	0.00
13/02/2024 03:40	3.6	273	14	5.0	0.00
13/02/2024 03:50	4.6	279	13	6.3	0.00
13/02/2024 04:00	4.5	268	11	6.4	0.00
13/02/2024 04:10	4.1	271	12	5.6	0.00
13/02/2024 04:20	5.1	270	11	6.8	0.00
13/02/2024 04:30	5.4	270	12	7.5	0.00
13/02/2024 04:40	4.1	274	15	5.6	0.00
13/02/2024 04:50	3.1	297	15	4.5	0.00
13/02/2024 05:00	3.3	290	16	4.6	0.00
13/02/2024 05:10	4.5	269	9	6.0	0.00
13/02/2024 05:20	4.3	285	14	6.0	0.00
13/02/2024 05:30	4.6	268	12	6.4	0.00
13/02/2024 05:40	4.9	265	12	7.2	0.00
13/02/2024 05:50	4.1	268	13	5.6	0.00
13/02/2024 06:00	3.9	265	12	5.6	0.00
13/02/2024 06:10	4.5	268	9	5.9	0.00
13/02/2024 06:20	4.6	273	14	6.9	0.00
13/02/2024 06:30	3.2	286	19	5.2	0.00
13/02/2024 06:40	3.9	282	18	5.5	0.00
13/02/2024 06:50	4.6	274	13	6.0	0.00
13/02/2024 07:00	4.1	288	14	5.6	0.00
13/02/2024 07:10	4.1	273	13	5.2	0.00
13/02/2024 07:20	4.5	268	12	6.2	0.00
13/02/2024 07:30	4.5	268	11	6.2	0.00
13/02/2024 07:40	2.3	162	62	4.0	0.00
13/02/2024 07:50	4.4	257	11	6.0	0.00
13/02/2024 08:00	4.1	274	19	6.0	0.00
13/02/2024 08:10	1.4	293	16	4.2	0.00
13/02/2024 08:20	4.1	277	14	5.2	0.00
13/02/2024 08:30	2.2	279	29	3.7	0.00
13/02/2024 08:40	3.0	264	22	4.7	0.00
13/02/2024 08:50	2.8	259	37	5.4	0.00
13/02/2024 09:00	3.1	263	29	5.2	0.00
13/02/2024 09:10	2.9	292	18	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 09:20	4.0	293	20	5.5	0.00
13/02/2024 09:30	3.0	285	18	4.7	0.00
13/02/2024 09:40	3.7	287	19	5.8	0.00
13/02/2024 09:50	4.2	297	16	6.2	0.00
13/02/2024 10:00	3.8	294	18	5.7	0.00
13/02/2024 10:10	3.9	298	18	6.3	0.00
13/02/2024 10:20	2.4	304	34	5.1	0.00
13/02/2024 10:30	3.5	293	18	5.2	0.00
13/02/2024 10:40	3.7	299	16	5.4	0.00
13/02/2024 10:50	3.7	303	20	5.7	0.00
13/02/2024 11:00	4.1	303	15	5.9	0.00
13/02/2024 11:10	3.5	308	16	4.8	0.00
13/02/2024 11:20	3.6	304	16	5.4	0.00
13/02/2024 11:30	3.6	301	21	5.4	0.00
13/02/2024 11:40	4.1	313	18	6.0	0.00
13/02/2024 11:50	4.3	308	16	6.2	0.00
13/02/2024 12:00	4.0	300	16	5.6	0.00
13/02/2024 12:10	4.8	310	15	6.8	0.00
13/02/2024 12:20	4.6	304	14	6.1	0.00
13/02/2024 12:30	4.3	312	19	6.1	0.00
13/02/2024 12:40	4.1	315	17	6.0	0.00
13/02/2024 12:50	4.3	305	20	7.4	0.00
13/02/2024 13:00	4.6	306	17	6.5	0.00
13/02/2024 13:10	4.3	302	18	6.4	0.00
13/02/2024 13:20	4.8	314	16	6.7	0.00
13/02/2024 13:30	4.7	307	17	6.7	0.00
13/02/2024 13:40	4.8	312	18	7.2	0.00
13/02/2024 13:50	5.0	312	15	6.9	0.00
13/02/2024 14:00	4.7	304	16	7.0	0.00
13/02/2024 14:10	5.1	307	15	7.4	0.00
13/02/2024 14:20	5.1	300	14	7.1	0.00
13/02/2024 14:30	5.3	301	16	7.3	0.00
13/02/2024 14:40	4.3	326	33	6.6	0.00
13/02/2024 14:50	4.7	335	29	7.3	0.00
13/02/2024 15:00	3.7	165	35	5.9	0.00
13/02/2024 15:10	3.8	324	31	6.6	0.00
13/02/2024 15:20	4.3	157	23	6.8	0.00
13/02/2024 15:30	3.5	169	35	5.4	0.00
13/02/2024 15:40	3.7	180	29	5.7	0.00
13/02/2024 15:50	3.7	337	28	6.3	0.00
13/02/2024 16:00	3.9	179	28	6.0	0.00
13/02/2024 16:10	3.3	325	32	5.6	0.00
13/02/2024 16:20	3.7	313	25	7.0	0.00
13/02/2024 16:30	3.4	339	37	6.4	0.00
13/02/2024 16:40	3.7	316	33	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 16:50	3.1	330	37	6.8	0.00
13/02/2024 17:00	3.3	346	28	5.4	0.00
13/02/2024 17:10	3.2	173	33	5.7	0.00
13/02/2024 17:20	3.7	14	27	6.1	0.00
13/02/2024 17:30	4.0	354	29	6.4	0.00
13/02/2024 17:40	4.4	312	20	7.0	0.00
13/02/2024 17:50	4.1	325	22	6.8	0.00
13/02/2024 18:00	4.4	320	22	6.8	0.00
13/02/2024 18:10	4.3	326	22	7.5	0.00
13/02/2024 18:20	5.4	350	23	8.2	0.00
13/02/2024 18:30	5.5	336	29	8.4	0.00
13/02/2024 18:40	6.0	324	21	9.2	0.00
13/02/2024 18:50	5.8	325	24	10.2	0.00
13/02/2024 19:00	5.3	323	23	9.1	0.00
13/02/2024 19:10	5.8	308	15	8.3	0.00
13/02/2024 19:20	5.9	305	14	8.7	0.00
13/02/2024 19:30	7.1	301	12	9.7	0.00
13/02/2024 19:40	6.6	299	13	9.5	0.00
13/02/2024 19:50	5.9	298	14	8.6	0.00
13/02/2024 20:00	5.0	302	13	7.5	0.00
13/02/2024 20:10	4.5	294	15	6.7	0.00
13/02/2024 20:20	4.8	299	11	6.3	0.00
13/02/2024 20:30	3.8	279	15	5.0	0.00
13/02/2024 20:40	3.3	270	15	4.8	0.00
13/02/2024 20:50	2.2	273	15	3.2	0.00
13/02/2024 21:00	1.8	289	23	2.8	0.00
13/02/2024 21:10	2.2	299	16	3.5	0.00
13/02/2024 21:20	0.9	315	26	2.0	0.00
13/02/2024 21:30	1.5	49	42	2.7	0.00
13/02/2024 21:40	1.5	51	26	2.6	0.00
13/02/2024 21:50	1.5	65	22	2.4	0.00
13/02/2024 22:00	2.0	46	20	3.3	0.00
13/02/2024 22:10	2.9	91	17	4.2	0.00
13/02/2024 22:20	2.6	71	54	5.2	0.00
13/02/2024 22:30	3.6	97	14	5.5	0.00
13/02/2024 22:40	3.2	94	13	4.6	0.00
13/02/2024 22:50	2.9	87	10	3.9	0.00
13/02/2024 23:00	2.4	67	19	3.2	0.00
13/02/2024 23:10	2.4	51	24	4.0	0.00
13/02/2024 23:20	2.0	49	17	3.0	0.00
13/02/2024 23:30	2.7	42	15	3.8	0.00
13/02/2024 23:40	2.7	25	18	4.0	0.00
13/02/2024 23:50	3.0	4	18	4.3	0.00
14/02/2024 00:00	4.1	173	23	6.2	0.00
14/02/2024 00:10	3.8	339	23	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 00:20	3.9	335	22	6.0	0.00
14/02/2024 00:30	4.1	331	23	6.4	0.00
14/02/2024 00:40	5.6	290	16	8.8	0.00
14/02/2024 00:50	5.1	297	18	7.6	0.00
14/02/2024 01:00	4.1	290	18	5.6	0.00
14/02/2024 01:10	3.3	291	17	5.2	0.00
14/02/2024 01:20	4.5	283	17	6.1	0.00
14/02/2024 01:30	4.9	295	16	7.0	0.00
14/02/2024 01:40	4.4	286	15	6.9	0.00
14/02/2024 01:50	3.5	287	18	5.1	0.00
14/02/2024 02:00	2.9	286	14	4.2	0.00
14/02/2024 02:10	3.3	289	14	4.6	0.00
14/02/2024 02:20	3.8	289	13	5.3	0.00
14/02/2024 02:30	4.6	300	12	6.1	0.00
14/02/2024 02:40	5.1	298	13	6.8	0.00
14/02/2024 02:50	4.1	288	16	5.7	0.00
14/02/2024 03:00	4.8	287	16	6.7	0.00
14/02/2024 03:10	5.1	294	14	7.2	0.00
14/02/2024 03:20	4.3	323	22	6.6	0.00
14/02/2024 03:30	3.0	314	30	4.7	0.00
14/02/2024 03:40	2.7	313	28	4.5	0.00
14/02/2024 03:50	1.4	54	33	2.3	0.00
14/02/2024 04:00	1.6	24	25	2.4	0.00
14/02/2024 04:10	2.0	22	22	3.2	0.00
14/02/2024 04:20	2.0	33	24	3.3	0.00
14/02/2024 04:30	1.9	18	24	3.2	0.00
14/02/2024 04:40	2.2	168	45	3.8	0.00
14/02/2024 04:50	2.3	179	28	3.4	0.00
14/02/2024 05:00	2.4	316	18	3.7	0.00
14/02/2024 05:10	3.8	305	13	5.6	0.00
14/02/2024 05:20	4.2	298	12	6.0	0.00
14/02/2024 05:30	4.2	286	13	6.2	0.00
14/02/2024 05:40	3.6	299	14	5.0	0.00
14/02/2024 05:50	3.3	296	16	4.9	0.00
14/02/2024 06:00	2.9	285	17	4.0	0.00
14/02/2024 06:10	3.8	283	14	5.0	0.00
14/02/2024 06:20	3.7	286	18	5.1	0.00
14/02/2024 06:30	3.1	286	17	4.7	0.00
14/02/2024 06:40	3.7	296	14	5.3	0.00
14/02/2024 06:50	3.5	285	16	4.7	0.00
14/02/2024 07:00	3.3	287	16	4.4	0.00
14/02/2024 07:10	3.2	298	11	4.4	0.00
14/02/2024 07:20	3.6	290	13	4.8	0.00
14/02/2024 07:30	3.4	297	13	5.2	0.00
14/02/2024 07:40	3.1	280	17	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 07:50	3.7	272	13	5.0	0.00
14/02/2024 08:00	4.0	284	15	5.4	0.00
14/02/2024 08:10	3.9	294	17	5.6	0.00
14/02/2024 08:20	3.9	291	15	5.5	0.00
14/02/2024 08:30	3.4	287	19	5.3	0.00
14/02/2024 08:40	3.6	287	20	5.5	0.00
14/02/2024 08:50	3.6	285	17	5.3	0.00
14/02/2024 09:00	3.0	266	16	4.4	0.00
14/02/2024 09:10	3.1	280	19	4.4	0.00
14/02/2024 09:20	3.3	294	19	4.7	0.00
14/02/2024 09:30	2.8	297	30	5.3	0.00
14/02/2024 09:40	2.9	284	17	4.4	0.00
14/02/2024 09:50	2.6	289	25	4.3	0.00
14/02/2024 10:00	2.4	299	35	3.9	0.00
14/02/2024 10:10	2.6	301	27	4.5	0.00
14/02/2024 10:20	2.7	304	17	4.0	0.00
14/02/2024 10:30	1.8	333	51	3.1	0.00
14/02/2024 10:40	2.2	327	34	4.0	0.00
14/02/2024 10:50	3.4	310	20	4.7	0.00
14/02/2024 11:00	2.3	193	30	4.0	0.00
14/02/2024 11:10	2.6	160	35	4.3	0.00
14/02/2024 11:20	3.2	322	25	5.6	0.00
14/02/2024 11:30	3.8	302	14	5.4	0.00
14/02/2024 11:40	3.7	305	17	5.7	0.00
14/02/2024 11:50	4.0	301	16	5.6	0.00
14/02/2024 12:00	3.6	300	21	5.2	0.00
14/02/2024 12:10	3.2	315	26	5.0	0.00
14/02/2024 12:20	3.2	169	26	4.8	0.00
14/02/2024 12:30	2.9	10	27	4.8	0.00
14/02/2024 12:40	2.4	332	36	4.0	0.00
14/02/2024 12:50	3.1	339	27	4.8	0.00
14/02/2024 13:00	2.9	176	27	4.8	0.00
14/02/2024 13:10	3.6	321	25	5.6	0.00
14/02/2024 13:20	3.0	347	28	5.0	0.00
14/02/2024 13:30	3.9	308	24	5.6	0.00
14/02/2024 13:40	2.9	323	27	4.9	0.00
14/02/2024 13:50	3.3	357	23	5.0	0.00
14/02/2024 14:00	3.5	353	23	5.4	0.00
14/02/2024 14:10	3.7	179	25	5.5	0.00
14/02/2024 14:20	3.5	3	23	5.3	0.00
14/02/2024 14:30	3.2	349	26	4.9	0.00
14/02/2024 14:40	3.5	186	21	5.2	0.00
14/02/2024 14:50	3.4	350	24	5.5	0.00
14/02/2024 15:00	3.1	176	27	4.8	0.00
14/02/2024 15:10	3.6	329	26	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 15:20	3.7	324	26	5.8	0.00
14/02/2024 15:30	4.2	317	19	7.2	0.00
14/02/2024 15:40	5.3	309	15	7.3	0.00
14/02/2024 15:50	4.5	312	21	6.9	0.00
14/02/2024 16:00	4.7	312	18	6.8	0.00
14/02/2024 16:10	3.9	322	26	6.7	0.00
14/02/2024 16:20	4.6	318	25	7.6	0.00
14/02/2024 16:30	3.6	355	27	6.5	0.00
14/02/2024 16:40	4.6	319	22	7.2	0.00
14/02/2024 16:50	4.3	319	22	7.1	0.00
14/02/2024 17:00	3.8	338	23	6.5	0.00
14/02/2024 17:10	4.0	335	25	6.9	0.00
14/02/2024 17:20	3.4	339	25	6.4	0.00
14/02/2024 17:30	4.7	311	19	7.9	0.00
14/02/2024 17:40	5.2	310	17	8.3	0.00
14/02/2024 17:50	5.6	299	14	8.1	0.00
14/02/2024 18:00	5.8	297	12	7.6	0.00
14/02/2024 18:10	5.2	297	15	7.3	0.00
14/02/2024 18:20	5.4	297	14	7.5	0.00
14/02/2024 18:30	5.1	301	11	6.8	0.00
14/02/2024 18:40	5.0	292	12	7.1	0.00
14/02/2024 18:50	4.9	292	16	6.5	0.00
14/02/2024 19:00	4.8	296	13	6.7	0.00
14/02/2024 19:10	4.4	282	18	6.6	0.00
14/02/2024 19:20	4.3	286	14	5.9	0.00
14/02/2024 19:30	4.2	289	15	5.9	0.00
14/02/2024 19:40	3.9	279	16	5.1	0.00
14/02/2024 19:50	3.4	272	15	4.8	0.00
14/02/2024 20:00	3.7	272	14	5.2	0.00
14/02/2024 20:10	3.8	278	14	5.0	0.00
14/02/2024 20:20	3.5	278	15	5.0	0.00
14/02/2024 20:30	3.4	261	13	5.0	0.00
14/02/2024 20:40	4.8	225	27	6.7	0.00
14/02/2024 20:50	3.3	196	60	7.1	0.00
14/02/2024 21:00	2.2	155	84	5.1	0.00
14/02/2024 21:10	1.3	176	50	2.8	0.00
14/02/2024 21:20	1.2	269	23	1.9	0.10
14/02/2024 21:30	1.0	228	20	1.6	0.00
14/02/2024 21:40	0.9	204	15	1.6	0.00
14/02/2024 21:50	1.6	259	9	2.4	0.00
14/02/2024 22:00	1.4	289	23	2.4	0.00
14/02/2024 22:10	2.4	275	14	3.2	0.00
14/02/2024 22:20	2.4	279	13	3.2	0.00
14/02/2024 22:30	2.2	263	18	3.0	0.00
14/02/2024 22:40	2.6	277	12	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 22:50	3.0	292	13	4.4	0.00
14/02/2024 23:00	2.9	294	14	3.8	0.00
14/02/2024 23:10	2.7	310	14	3.9	0.00
14/02/2024 23:20	3.9	303	10	5.2	0.00
14/02/2024 23:30	3.9	293	12	5.2	0.00
14/02/2024 23:40	2.8	322	21	4.8	0.00
14/02/2024 23:50	4.2	314	14	5.7	0.00
15/02/2024 00:00	4.0	310	12	6.1	0.00
15/02/2024 00:10	4.9	311	12	6.7	0.00
15/02/2024 00:20	5.1	308	12	7.6	0.00
15/02/2024 00:30	5.0	312	15	8.0	0.00
15/02/2024 00:40	4.6	312	15	7.0	0.00
15/02/2024 00:50	4.2	332	25	6.5	0.00
15/02/2024 01:00	4.7	317	17	7.2	0.00
15/02/2024 01:10	5.5	307	15	7.5	0.00
15/02/2024 01:20	5.2	304	13	7.3	0.00
15/02/2024 01:30	4.6	312	17	7.5	0.00
15/02/2024 01:40	4.1	299	18	6.6	0.00
15/02/2024 01:50	3.8	295	16	5.7	0.00
15/02/2024 02:00	3.1	292	18	4.3	0.00
15/02/2024 02:10	3.5	303	13	4.9	0.00
15/02/2024 02:20	3.4	320	17	5.3	0.00
15/02/2024 02:30	2.6	331	20	4.0	0.00
15/02/2024 02:40	2.5	332	24	4.0	0.00
15/02/2024 02:50	1.8	342	22	2.9	0.00
15/02/2024 03:00	2.4	324	18	4.5	0.00
15/02/2024 03:10	2.3	331	21	4.1	0.00
15/02/2024 03:20	2.3	323	23	3.6	0.00
15/02/2024 03:30	1.6	346	40	3.2	0.00
15/02/2024 03:40	1.4	311	50	2.5	0.00
15/02/2024 03:50	2.2	318	19	3.6	0.00
15/02/2024 04:00	1.4	288	19	2.5	0.00
15/02/2024 04:10	1.7	284	21	2.6	0.00
15/02/2024 04:20	1.0	275	31	2.1	0.00
15/02/2024 04:30	0.9	228	14	1.5	0.00
15/02/2024 04:40	0.4	222	22	1.2	0.00
15/02/2024 04:50	0.6	136	24	1.1	0.00
15/02/2024 05:00	0.6	128	7	0.9	0.00
15/02/2024 05:10	0.0	231	3	0.4	0.00
15/02/2024 05:20	0.4	276	4	0.9	0.00
15/02/2024 05:30	0.4	265	4	0.9	0.00
15/02/2024 05:40	1.2	247	14	1.8	0.00
15/02/2024 05:50	1.3	243	13	2.0	0.00
15/02/2024 06:00	1.7	231	13	2.4	0.00
15/02/2024 06:10	1.7	235	14	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 06:20	2.0	231	11	2.7	0.00
15/02/2024 06:30	2.3	241	14	3.3	0.00
15/02/2024 06:40	3.4	255	15	4.7	0.00
15/02/2024 06:50	3.8	253	14	5.6	0.20
15/02/2024 07:00	5.6	264	12	7.5	0.00
15/02/2024 07:10	4.4	243	15	6.6	0.00
15/02/2024 07:20	3.9	246	13	6.0	0.00
15/02/2024 07:30	4.9	247	16	7.0	0.00
15/02/2024 07:40	5.1	248	13	7.1	0.00
15/02/2024 07:50	4.8	254	16	6.4	0.00
15/02/2024 08:00	5.0	248	13	7.1	0.00
15/02/2024 08:10	4.3	251	15	6.4	0.00
15/02/2024 08:20	4.0	263	12	5.5	0.00
15/02/2024 08:30	3.7	260	17	6.0	0.00
15/02/2024 08:40	1.7	178	68	3.9	0.00
15/02/2024 08:50	0.7	58	27	1.6	0.00
15/02/2024 09:00	1.2	210	62	2.8	0.00
15/02/2024 09:10	2.4	67	19	3.7	0.00
15/02/2024 09:20	3.4	106	14	4.7	0.00
15/02/2024 09:30	3.5	102	15	5.0	0.00
15/02/2024 09:40	2.2	94	19	3.9	0.00
15/02/2024 09:50	2.5	89	17	4.0	0.00
15/02/2024 10:00	2.6	96	12	4.4	0.00
15/02/2024 10:10	2.4	93	16	3.6	0.00
15/02/2024 10:20	2.1	189	45	3.1	0.00
15/02/2024 10:30	2.0	240	18	3.3	0.00
15/02/2024 10:40	4.1	250	13	5.8	0.00
15/02/2024 10:50	4.4	258	13	6.0	0.00
15/02/2024 11:00	3.4	269	17	4.8	0.00
15/02/2024 11:10	3.9	282	17	5.2	0.00
15/02/2024 11:20	3.9	275	20	5.6	0.00
15/02/2024 11:30	4.3	263	15	5.8	0.00
15/02/2024 11:40	4.6	263	11	5.9	0.00
15/02/2024 11:50	4.9	257	13	6.4	0.00
15/02/2024 12:00	3.6	246	17	5.0	0.00
15/02/2024 12:10	2.6	269	25	4.5	0.00
15/02/2024 12:20	3.9	248	14	5.2	0.00
15/02/2024 12:30	4.3	262	15	6.0	0.00
15/02/2024 12:40	4.2	266	14	5.6	0.00
15/02/2024 12:50	4.5	260	15	5.9	0.00
15/02/2024 13:00	4.6	258	12	6.2	0.00
15/02/2024 13:10	4.9	272	18	6.4	0.00
15/02/2024 13:20	4.7	297	16	7.0	0.00
15/02/2024 13:30	5.0	301	14	7.0	0.00
15/02/2024 13:40	4.1	307	20	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 13:50	4.0	312	19	6.4	0.00
15/02/2024 14:00	4.6	311	13	6.1	0.00
15/02/2024 14:10	4.9	307	14	6.6	0.00
15/02/2024 14:20	5.1	303	12	7.0	0.00
15/02/2024 14:30	5.6	303	11	7.1	0.00
15/02/2024 14:40	5.2	302	15	7.2	0.00
15/02/2024 14:50	5.0	301	15	6.9	0.00
15/02/2024 15:00	5.1	298	16	6.9	0.00
15/02/2024 15:10	5.0	303	13	6.8	0.00
15/02/2024 15:20	5.0	301	15	6.4	0.00
15/02/2024 15:30	5.0	293	14	6.5	0.00
15/02/2024 15:40	4.8	294	15	6.1	0.00
15/02/2024 15:50	4.7	300	16	6.2	0.00
15/02/2024 16:00	4.3	299	18	6.0	0.00
15/02/2024 16:10	4.8	296	16	6.4	0.00
15/02/2024 16:20	4.9	298	16	6.5	0.00
15/02/2024 16:30	4.8	302	17	7.0	0.00
15/02/2024 16:40	4.5	306	16	6.4	0.00
15/02/2024 16:50	4.4	302	18	6.5	0.00
15/02/2024 17:00	4.3	300	16	6.0	0.00
15/02/2024 17:10	5.1	299	12	6.5	0.00
15/02/2024 17:20	5.0	300	13	6.7	0.00
15/02/2024 17:30	4.8	300	11	6.2	0.00
15/02/2024 17:40	5.3	299	12	6.8	0.00
15/02/2024 17:50	5.7	297	11	7.5	0.00
15/02/2024 18:00	5.4	297	11	7.4	0.00
15/02/2024 18:10	5.6	299	11	7.5	0.00
15/02/2024 18:20	5.1	292	14	7.0	0.00
15/02/2024 18:30	4.8	288	16	6.4	0.00
15/02/2024 18:40	4.9	292	15	7.2	0.00
15/02/2024 18:50	4.9	288	16	6.6	0.00
15/02/2024 19:00	4.9	292	15	6.8	0.00
15/02/2024 19:10	4.5	293	16	6.0	0.00
15/02/2024 19:20	4.7	286	14	6.5	0.00
15/02/2024 19:30	4.6	286	14	6.5	0.00
15/02/2024 19:40	4.5	291	18	6.4	0.00
15/02/2024 19:50	4.2	288	14	5.9	0.00
15/02/2024 20:00	3.9	289	17	5.6	0.00
15/02/2024 20:10	4.0	280	16	5.4	0.00
15/02/2024 20:20	3.9	275	16	5.4	0.00
15/02/2024 20:30	4.0	272	14	5.4	0.00
15/02/2024 20:40	3.9	275	14	5.6	0.00
15/02/2024 20:50	4.0	268	13	5.5	0.00
15/02/2024 21:00	4.4	259	12	6.0	0.00
15/02/2024 21:10	4.0	244	17	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 21:20	4.4	252	13	6.0	0.00
15/02/2024 21:30	4.3	260	13	5.9	0.00
15/02/2024 21:40	4.3	249	13	5.7	0.00
15/02/2024 21:50	3.9	247	14	5.6	0.00
15/02/2024 22:00	3.9	261	10	5.6	0.00
15/02/2024 22:10	4.3	266	12	6.2	0.00
15/02/2024 22:20	4.8	267	10	6.2	0.00
15/02/2024 22:30	4.3	267	10	5.6	0.00
15/02/2024 22:40	4.6	266	9	6.1	0.00
15/02/2024 22:50	4.4	271	13	6.4	0.00
15/02/2024 23:00	4.6	268	12	5.8	0.00
15/02/2024 23:10	4.5	269	12	5.8	0.00
15/02/2024 23:20	4.6	271	12	6.4	0.00
15/02/2024 23:30	3.9	273	13	5.1	0.00
15/02/2024 23:40	3.7	271	11	5.2	0.00
15/02/2024 23:50	3.2	283	14	4.8	0.00
16/02/2024 00:00	3.7	282	14	4.8	0.00
16/02/2024 00:10	4.1	267	12	5.3	0.00
16/02/2024 00:20	3.3	268	12	4.8	0.00
16/02/2024 00:30	3.5	271	12	4.7	0.00
16/02/2024 00:40	4.1	269	12	5.5	0.00
16/02/2024 00:50	4.5	265	11	6.6	0.00
16/02/2024 01:00	4.4	265	11	6.0	0.00
16/02/2024 01:10	3.7	253	13	5.0	0.00
16/02/2024 01:20	3.8	249	13	5.5	0.00
16/02/2024 01:30	3.7	244	14	5.2	0.00
16/02/2024 01:40	3.4	250	12	4.7	0.00
16/02/2024 01:50	3.0	255	12	4.2	0.00
16/02/2024 02:00	3.1	252	13	4.0	0.00
16/02/2024 02:10	3.5	253	13	4.7	0.00
16/02/2024 02:20	4.0	250	12	5.7	0.00
16/02/2024 02:30	3.7	242	15	5.2	0.00
16/02/2024 02:40	4.0	239	12	5.4	0.00
16/02/2024 02:50	4.0	243	13	5.4	0.00
16/02/2024 03:00	3.7	254	10	5.2	0.00
16/02/2024 03:10	3.9	256	10	5.0	0.00
16/02/2024 03:20	4.2	262	10	5.6	0.00
16/02/2024 03:30	4.3	268	9	5.9	0.00
16/02/2024 03:40	3.7	256	13	4.9	0.00
16/02/2024 03:50	3.1	244	12	4.3	0.10
16/02/2024 04:00	4.9	261	11	7.2	0.20
16/02/2024 04:10	5.7	251	13	7.6	0.30
16/02/2024 04:20	6.0	259	9	7.9	0.00
16/02/2024 04:30	4.7	254	13	7.2	0.00
16/02/2024 04:40	2.2	247	35	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 04:50	1.4	161	18	3.0	0.20
16/02/2024 05:00	3.3	268	13	4.4	0.00
16/02/2024 05:10	3.0	259	11	4.2	0.00
16/02/2024 05:20	1.3	196	34	2.4	0.00
16/02/2024 05:30	0.5	140	12	1.2	0.00
16/02/2024 05:40	1.8	270	9	2.5	0.00
16/02/2024 05:50	2.4	245	16	3.3	0.00
16/02/2024 06:00	3.9	262	9	5.4	0.00
16/02/2024 06:10	5.4	265	10	6.9	0.00
16/02/2024 06:20	5.1	269	12	6.5	0.00
16/02/2024 06:30	3.7	268	12	5.1	0.00
16/02/2024 06:40	3.0	252	11	4.8	0.00
16/02/2024 06:50	3.3	245	14	4.6	0.00
16/02/2024 07:00	3.0	259	13	4.3	0.00
16/02/2024 07:10	3.0	250	14	4.1	0.00
16/02/2024 07:20	2.7	261	15	3.5	0.00
16/02/2024 07:30	3.8	255	10	5.2	0.00
16/02/2024 07:40	3.7	245	15	5.4	0.00
16/02/2024 07:50	2.5	299	21	3.8	0.00
16/02/2024 08:00	2.7	273	13	3.7	0.00
16/02/2024 08:10	3.5	263	11	5.0	0.00
16/02/2024 08:20	3.1	235	15	4.2	0.30
16/02/2024 08:30	3.2	288	15	4.2	0.00
16/02/2024 08:40	4.1	290	14	5.9	0.00
16/02/2024 08:50	4.2	281	14	5.8	0.00
16/02/2024 09:00	3.7	297	14	5.2	0.00
16/02/2024 09:10	4.0	298	15	5.5	0.00
16/02/2024 09:20	3.8	301	12	5.2	0.00
16/02/2024 09:30	4.4	301	12	5.7	0.00
16/02/2024 09:40	4.6	296	12	6.3	0.00
16/02/2024 09:50	4.7	295	13	6.2	0.00
16/02/2024 10:00	5.5	301	10	7.5	0.00
16/02/2024 10:10	5.1	298	12	6.9	0.00
16/02/2024 10:20	5.1	301	10	7.1	0.00
16/02/2024 10:30	5.5	295	12	7.2	0.00
16/02/2024 10:40	5.0	300	15	6.8	0.00
16/02/2024 10:50	5.2	295	14	7.3	0.00
16/02/2024 11:00	5.2	295	15	6.8	0.00
16/02/2024 11:10	5.0	295	17	6.8	0.00
16/02/2024 11:20	5.0	294	14	6.7	0.00
16/02/2024 11:30	4.9	298	14	6.6	0.00
16/02/2024 11:40	5.0	297	13	6.6	0.00
16/02/2024 11:50	5.0	304	13	7.0	0.00
16/02/2024 12:00	5.4	298	12	7.0	0.00
16/02/2024 12:10	5.1	301	13	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 12:20	5.5	300	11	7.5	0.00
16/02/2024 12:30	5.5	303	12	7.6	0.00
16/02/2024 12:40	5.8	300	12	7.9	0.00
16/02/2024 12:50	5.5	301	13	7.5	0.00
16/02/2024 13:00	5.8	301	12	7.8	0.00
16/02/2024 13:10	6.1	297	14	8.0	0.00
16/02/2024 13:20	5.5	294	13	7.3	0.00
16/02/2024 13:30	5.7	299	14	7.3	0.00
16/02/2024 13:40	5.6	304	13	7.9	0.00
16/02/2024 13:50	5.9	300	13	8.2	0.00
16/02/2024 14:00	5.6	298	14	8.3	0.00
16/02/2024 14:10	6.6	304	13	8.7	0.00
16/02/2024 14:20	6.6	299	12	9.1	0.00
16/02/2024 14:30	6.4	300	15	8.3	0.00
16/02/2024 14:40	6.4	305	14	8.3	0.00
16/02/2024 14:50	5.9	302	11	8.1	0.00
16/02/2024 15:00	6.0	304	13	7.9	0.00
16/02/2024 15:10	7.3	302	10	8.7	0.00
16/02/2024 15:20	7.0	298	11	8.8	0.00
16/02/2024 15:30	6.8	300	12	8.7	0.00
16/02/2024 15:40	6.9	294	14	9.1	0.00
16/02/2024 15:50	7.4	270	12	9.9	0.00
16/02/2024 16:00	7.2	263	11	9.5	0.00
16/02/2024 16:10	7.1	267	12	9.7	0.00
16/02/2024 16:20	7.9	268	11	9.9	0.00
16/02/2024 16:30	7.2	268	12	9.3	0.00
16/02/2024 16:40	6.3	268	12	8.5	0.00
16/02/2024 16:50	6.8	267	10	8.4	0.00
16/02/2024 17:00	5.9	269	11	7.9	0.00
16/02/2024 17:10	5.8	277	16	8.3	0.00
16/02/2024 17:20	5.7	297	13	8.3	0.00
16/02/2024 17:30	6.2	297	12	8.0	0.00
16/02/2024 17:40	4.8	287	16	6.4	0.00
16/02/2024 17:50	5.1	279	14	6.7	0.00
16/02/2024 18:00	5.1	283	14	7.2	0.00
16/02/2024 18:10	5.6	274	13	7.4	0.00
16/02/2024 18:20	5.7	266	9	7.5	0.00
16/02/2024 18:30	5.6	266	8	7.2	0.00
16/02/2024 18:40	5.7	267	9	7.0	0.00
16/02/2024 18:50	5.2	270	11	6.6	0.00
16/02/2024 19:00	5.0	266	10	6.3	0.00
16/02/2024 19:10	5.4	268	9	7.0	0.00
16/02/2024 19:20	5.6	265	10	7.2	0.00
16/02/2024 19:30	5.7	267	10	7.9	0.00
16/02/2024 19:40	6.2	270	9	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 19:50	5.7	268	11	7.6	0.00
16/02/2024 20:00	5.3	266	10	7.2	0.00
16/02/2024 20:10	4.8	269	10	6.5	0.00
16/02/2024 20:20	4.6	266	10	6.8	0.00
16/02/2024 20:30	5.3	267	9	7.2	0.00
16/02/2024 20:40	5.0	270	14	6.4	0.00
16/02/2024 20:50	5.2	267	10	7.1	0.00
16/02/2024 21:00	5.3	269	10	6.9	0.00
16/02/2024 21:10	6.1	265	9	7.9	0.00
16/02/2024 21:20	6.0	267	9	7.5	0.00
16/02/2024 21:30	5.6	264	9	7.5	0.00
16/02/2024 21:40	5.5	261	13	7.1	0.00
16/02/2024 21:50	5.9	260	10	7.9	0.00
16/02/2024 22:00	5.7	259	10	7.1	0.00
16/02/2024 22:10	5.2	260	11	7.5	0.00
16/02/2024 22:20	5.0	258	12	6.6	0.00
16/02/2024 22:30	5.5	262	12	7.2	0.00
16/02/2024 22:40	5.7	262	10	7.5	0.00
16/02/2024 22:50	5.5	256	11	7.0	0.00
16/02/2024 23:00	4.9	255	12	6.6	0.00
16/02/2024 23:10	5.2	255	13	7.2	0.00
16/02/2024 23:20	4.4	254	13	6.0	0.00
16/02/2024 23:30	5.4	259	12	7.2	0.00
16/02/2024 23:40	5.5	258	12	7.3	0.00
16/02/2024 23:50	4.6	253	13	6.0	0.00
17/02/2024 00:00	4.8	248	9	6.6	0.00
17/02/2024 00:10	5.0	250	11	6.8	0.00
17/02/2024 00:20	4.6	251	11	6.2	0.00
17/02/2024 00:30	4.9	249	11	6.6	0.00
17/02/2024 00:40	5.0	254	11	6.5	0.00
17/02/2024 00:50	5.3	249	10	6.8	0.00
17/02/2024 01:00	5.2	248	13	7.2	0.00
17/02/2024 01:10	5.2	251	13	7.2	0.00
17/02/2024 01:20	4.1	258	13	5.8	0.00
17/02/2024 01:30	5.0	261	10	7.1	0.00
17/02/2024 01:40	5.5	262	9	7.6	0.00
17/02/2024 01:50	5.3	260	11	7.2	0.00
17/02/2024 02:00	4.7	263	10	6.3	0.00
17/02/2024 02:10	4.7	256	9	6.6	0.00
17/02/2024 02:20	5.1	261	10	7.1	0.00
17/02/2024 02:30	5.8	259	11	7.8	0.00
17/02/2024 02:40	4.6	260	11	6.0	0.00
17/02/2024 02:50	3.3	255	13	4.8	0.00
17/02/2024 03:00	4.2	268	12	6.1	0.00
17/02/2024 03:10	3.9	265	11	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 03:20	4.2	271	13	5.8	0.00
17/02/2024 03:30	4.3	268	12	6.1	0.00
17/02/2024 03:40	4.1	279	15	5.8	0.00
17/02/2024 03:50	4.2	304	12	6.0	0.00
17/02/2024 04:00	4.6	301	11	6.6	0.00
17/02/2024 04:10	4.5	297	15	5.9	0.00
17/02/2024 04:20	4.6	294	13	6.4	0.00
17/02/2024 04:30	4.5	294	12	6.4	0.00
17/02/2024 04:40	3.5	298	11	4.7	0.00
17/02/2024 04:50	3.0	274	13	4.0	0.00
17/02/2024 05:00	2.6	269	13	3.6	0.00
17/02/2024 05:10	1.5	193	16	2.9	0.00
17/02/2024 05:20	2.6	94	12	3.4	0.00
17/02/2024 05:30	2.5	79	11	3.4	0.00
17/02/2024 05:40	2.0	74	12	2.7	0.00
17/02/2024 05:50	1.3	191	19	2.2	0.00
17/02/2024 06:00	1.2	15	32	2.0	0.00
17/02/2024 06:10	0.5	163	24	1.0	0.00
17/02/2024 06:20	2.8	277	10	4.0	0.00
17/02/2024 06:30	5.6	264	9	7.4	0.00
17/02/2024 06:40	7.0	261	10	9.5	0.00
17/02/2024 06:50	7.4	271	10	9.6	0.00
17/02/2024 07:00	7.6	272	12	9.9	0.00
17/02/2024 07:10	7.7	269	10	9.5	0.00
17/02/2024 07:20	6.6	274	13	9.1	0.00
17/02/2024 07:30	5.6	278	14	8.4	0.00
17/02/2024 07:40	5.2	282	14	7.3	0.00
17/02/2024 07:50	4.1	304	15	6.0	0.00
17/02/2024 08:00	4.2	268	13	6.5	0.00
17/02/2024 08:10	5.9	262	13	7.6	0.00
17/02/2024 08:20	5.6	262	11	7.8	0.00
17/02/2024 08:30	4.8	263	12	6.3	0.00
17/02/2024 08:40	4.5	257	11	6.2	0.00
17/02/2024 08:50	5.7	256	14	8.4	0.00
17/02/2024 09:00	6.4	263	10	8.0	0.00
17/02/2024 09:10	6.3	266	12	8.1	0.00
17/02/2024 09:20	6.4	269	10	8.1	0.00
17/02/2024 09:30	6.1	268	13	8.0	0.00
17/02/2024 09:40	5.9	273	14	7.9	0.00
17/02/2024 09:50	6.0	271	14	8.1	0.00
17/02/2024 10:00	6.0	266	12	7.6	0.00
17/02/2024 10:10	5.9	273	13	7.8	0.00
17/02/2024 10:20	5.6	273	16	7.2	0.00
17/02/2024 10:30	5.5	276	14	7.3	0.00
17/02/2024 10:40	5.7	268	13	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 10:50	5.8	274	14	7.3	0.00
17/02/2024 11:00	5.5	277	16	7.4	0.00
17/02/2024 11:10	5.5	270	15	7.7	0.00
17/02/2024 11:20	6.0	272	14	7.6	0.00
17/02/2024 11:30	5.7	273	14	7.2	0.00
17/02/2024 11:40	6.2	268	17	7.5	0.00
17/02/2024 11:50	5.9	270	12	7.5	0.00
17/02/2024 12:00	5.3	268	14	7.3	0.00
17/02/2024 12:10	5.6	263	14	7.7	0.00
17/02/2024 12:20	5.3	282	15	7.5	0.00
17/02/2024 12:30	5.7	303	14	7.5	0.00
17/02/2024 12:40	6.3	301	13	8.1	0.00
17/02/2024 12:50	6.1	307	13	8.4	0.00
17/02/2024 13:00	6.0	306	13	8.7	0.00
17/02/2024 13:10	6.2	312	13	9.1	0.00
17/02/2024 13:20	5.9	306	13	8.7	0.00
17/02/2024 13:30	5.9	301	15	8.5	0.00
17/02/2024 13:40	6.8	299	13	9.0	0.00
17/02/2024 13:50	7.0	298	14	9.0	0.00
17/02/2024 14:00	7.5	302	9	9.4	0.00
17/02/2024 14:10	6.5	299	12	8.5	0.00
17/02/2024 14:20	6.2	302	12	7.9	0.00
17/02/2024 14:30	6.3	302	10	8.3	0.00
17/02/2024 14:40	6.3	301	13	8.3	0.00
17/02/2024 14:50	6.1	298	15	7.9	0.00
17/02/2024 15:00	6.7	300	12	8.8	0.00
17/02/2024 15:10	6.9	301	10	8.7	0.00
17/02/2024 15:20	6.7	301	11	8.7	0.00
17/02/2024 15:30	6.5	300	10	8.6	0.00
17/02/2024 15:40	6.0	300	13	8.1	0.00
17/02/2024 15:50	6.1	303	10	8.3	0.00
17/02/2024 16:00	6.6	295	12	8.6	0.00
17/02/2024 16:10	6.4	300	12	8.2	0.00
17/02/2024 16:20	6.1	301	10	7.6	0.00
17/02/2024 16:30	5.8	297	13	7.5	0.00
17/02/2024 16:40	5.1	286	13	7.8	0.00
17/02/2024 16:50	6.2	265	12	7.5	0.00
17/02/2024 17:00	6.3	264	9	7.5	0.00
17/02/2024 17:10	5.4	270	13	7.2	0.00
17/02/2024 17:20	5.6	271	12	7.9	0.00
17/02/2024 17:30	5.4	272	14	7.1	0.00
17/02/2024 17:40	5.3	301	14	7.3	0.00
17/02/2024 17:50	5.6	301	11	7.4	0.00
17/02/2024 18:00	5.7	303	11	7.4	0.00
17/02/2024 18:10	5.4	303	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 18:20	5.4	304	13	7.2	0.00
17/02/2024 18:30	5.3	300	13	7.0	0.00
17/02/2024 18:40	5.6	301	10	7.5	0.00
17/02/2024 18:50	5.9	297	12	7.6	0.00
17/02/2024 19:00	5.6	297	11	7.4	0.00
17/02/2024 19:10	5.3	295	14	7.2	0.00
17/02/2024 19:20	5.0	292	14	7.4	0.00
17/02/2024 19:30	4.9	295	14	7.2	0.00
17/02/2024 19:40	5.0	295	12	6.6	0.00
17/02/2024 19:50	5.2	294	14	7.2	0.00
17/02/2024 20:00	5.6	291	11	7.6	0.00
17/02/2024 20:10	5.1	293	12	7.1	0.00
17/02/2024 20:20	4.5	289	13	6.2	0.00
17/02/2024 20:30	4.1	287	15	5.7	0.00
17/02/2024 20:40	4.2	287	14	6.0	0.00
17/02/2024 20:50	4.5	292	13	6.3	0.00
17/02/2024 21:00	4.6	279	14	6.2	0.00
17/02/2024 21:10	4.7	276	12	6.2	0.00
17/02/2024 21:20	4.8	279	13	6.7	0.00
17/02/2024 21:30	5.0	272	12	6.4	0.00
17/02/2024 21:40	4.9	277	13	6.9	0.00
17/02/2024 21:50	4.5	272	13	6.0	0.00
17/02/2024 22:00	4.5	270	11	6.0	0.00
17/02/2024 22:10	4.4	268	12	6.1	0.00
17/02/2024 22:20	4.3	270	11	5.4	0.00
17/02/2024 22:30	5.0	266	11	6.5	0.00
17/02/2024 22:40	5.6	269	9	7.3	0.00
17/02/2024 22:50	5.3	268	8	6.8	0.00
17/02/2024 23:00	5.0	268	11	6.6	0.00
17/02/2024 23:10	5.0	266	10	7.1	0.00
17/02/2024 23:20	5.0	260	11	6.8	0.00
17/02/2024 23:30	5.7	262	10	7.2	0.00
17/02/2024 23:40	5.8	266	10	7.6	0.00
17/02/2024 23:50	6.0	263	10	7.8	0.00
18/02/2024 00:00	5.7	263	11	7.8	0.00
18/02/2024 00:10	5.6	264	11	7.5	0.00
18/02/2024 00:20	5.7	259	10	7.3	0.00
18/02/2024 00:30	5.4	260	11	7.1	0.00
18/02/2024 00:40	4.6	256	11	6.0	0.00
18/02/2024 00:50	4.4	250	10	5.9	0.00
18/02/2024 01:00	3.9	250	11	5.1	0.00
18/02/2024 01:10	3.7	249	12	4.8	0.00
18/02/2024 01:20	3.3	249	12	4.5	0.00
18/02/2024 01:30	3.1	245	15	4.1	0.00
18/02/2024 01:40	4.0	248	12	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 01:50	4.0	245	11	5.4	0.00
18/02/2024 02:00	3.7	252	13	5.1	0.00
18/02/2024 02:10	2.9	261	10	4.4	0.00
18/02/2024 02:20	3.2	257	13	4.1	0.00
18/02/2024 02:30	2.9	262	11	4.8	0.00
18/02/2024 02:40	3.0	262	10	3.7	0.00
18/02/2024 02:50	2.9	260	11	3.9	0.00
18/02/2024 03:00	3.4	255	10	4.4	0.00
18/02/2024 03:10	2.5	258	12	3.5	0.00
18/02/2024 03:20	2.7	263	10	3.9	0.00
18/02/2024 03:30	3.2	268	8	4.4	0.00
18/02/2024 03:40	3.5	268	10	4.5	0.00
18/02/2024 03:50	3.2	267	10	4.4	0.00
18/02/2024 04:00	2.3	271	12	3.2	0.00
18/02/2024 04:10	2.4	279	12	3.3	0.00
18/02/2024 04:20	2.4	277	13	3.2	0.00
18/02/2024 04:30	2.1	290	16	3.3	0.00
18/02/2024 04:40	2.4	289	14	3.4	0.00
18/02/2024 04:50	2.5	285	17	3.6	0.00
18/02/2024 05:00	2.6	286	14	4.0	0.00
18/02/2024 05:10	2.2	279	16	3.1	0.00
18/02/2024 05:20	2.6	282	16	4.0	0.00
18/02/2024 05:30	3.0	272	12	4.2	0.00
18/02/2024 05:40	2.8	271	12	4.3	0.00
18/02/2024 05:50	2.5	277	16	3.7	0.00
18/02/2024 06:00	2.8	290	16	3.8	0.00
18/02/2024 06:10	2.6	286	16	4.4	0.00
18/02/2024 06:20	3.5	270	12	4.8	0.00
18/02/2024 06:30	3.6	272	11	4.8	0.00
18/02/2024 06:40	3.5	269	12	4.7	0.00
18/02/2024 06:50	3.6	275	16	5.0	0.00
18/02/2024 07:00	3.4	268	13	5.0	0.00
18/02/2024 07:10	4.1	270	12	5.6	0.00
18/02/2024 07:20	4.2	265	11	5.5	0.00
18/02/2024 07:30	4.4	266	12	5.6	0.00
18/02/2024 07:40	4.5	263	11	6.1	0.00
18/02/2024 07:50	4.8	260	11	6.0	0.00
18/02/2024 08:00	3.7	260	15	5.2	0.00
18/02/2024 08:10	4.2	265	13	5.3	0.00
18/02/2024 08:20	4.8	264	12	6.4	0.00
18/02/2024 08:30	4.9	268	12	6.4	0.00
18/02/2024 08:40	4.8	266	14	6.3	0.00
18/02/2024 08:50	4.7	270	14	6.7	0.00
18/02/2024 09:00	4.9	272	13	6.9	0.00
18/02/2024 09:10	4.8	274	18	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 09:20	5.1	258	11	6.8	0.00
18/02/2024 09:30	4.9	259	16	6.7	0.00
18/02/2024 09:40	5.0	266	13	6.9	0.00
18/02/2024 09:50	4.9	263	15	7.2	0.00
18/02/2024 10:00	5.2	262	15	7.1	0.00
18/02/2024 10:10	4.6	259	13	6.0	0.00
18/02/2024 10:20	5.5	256	14	7.2	0.00
18/02/2024 10:30	5.0	269	14	6.7	0.00
18/02/2024 10:40	5.0	271	14	6.4	0.00
18/02/2024 10:50	4.6	258	14	6.4	0.00
18/02/2024 11:00	4.5	257	16	5.9	0.00
18/02/2024 11:10	5.2	261	12	6.8	0.00
18/02/2024 11:20	5.1	263	14	6.5	0.00
18/02/2024 11:30	4.7	264	15	6.6	0.00
18/02/2024 11:40	4.5	270	15	5.9	0.00
18/02/2024 11:50	5.1	261	13	6.5	0.00
18/02/2024 12:00	4.8	273	17	6.3	0.00
18/02/2024 12:10	4.8	272	16	6.4	0.00
18/02/2024 12:20	4.4	291	19	6.3	0.00
18/02/2024 12:30	4.8	296	16	6.3	0.00
18/02/2024 12:40	4.9	297	13	7.0	0.00
18/02/2024 12:50	4.7	301	15	6.4	0.00
18/02/2024 13:00	4.7	304	17	6.7	0.00
18/02/2024 13:10	4.7	304	17	6.3	0.00
18/02/2024 13:20	4.5	306	16	6.4	0.00
18/02/2024 13:30	4.7	303	14	6.4	0.00
18/02/2024 13:40	5.4	303	11	7.2	0.00
18/02/2024 13:50	5.4	300	12	6.9	0.00
18/02/2024 14:00	5.3	307	13	7.3	0.00
18/02/2024 14:10	5.7	300	12	7.5	0.00
18/02/2024 14:20	5.4	309	16	7.6	0.00
18/02/2024 14:30	6.0	298	14	7.8	0.00
18/02/2024 14:40	5.7	303	15	7.9	0.00
18/02/2024 14:50	5.7	296	13	7.4	0.00
18/02/2024 15:00	5.9	302	13	7.4	0.00
18/02/2024 15:10	6.0	296	15	8.0	0.00
18/02/2024 15:20	5.9	301	13	7.9	0.00
18/02/2024 15:30	5.8	305	11	7.7	0.00
18/02/2024 15:40	5.7	298	14	7.6	0.00
18/02/2024 15:50	5.3	297	13	7.9	0.00
18/02/2024 16:00	6.1	295	12	8.0	0.00
18/02/2024 16:10	6.0	300	13	8.0	0.00
18/02/2024 16:20	6.1	298	12	8.3	0.00
18/02/2024 16:30	6.0	299	12	8.0	0.00
18/02/2024 16:40	5.5	300	11	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 16:50	6.2	302	10	7.9	0.00
18/02/2024 17:00	5.6	292	14	7.5	0.00
18/02/2024 17:10	6.1	261	14	8.1	0.00
18/02/2024 17:20	6.5	265	11	8.6	0.00
18/02/2024 17:30	6.8	267	10	9.0	0.00
18/02/2024 17:40	7.3	265	10	9.8	0.00
18/02/2024 17:50	7.0	267	10	8.6	0.00
18/02/2024 18:00	6.2	267	12	8.5	0.00
18/02/2024 18:10	5.9	267	11	8.0	0.00
18/02/2024 18:20	6.1	265	12	7.9	0.00
18/02/2024 18:30	6.7	267	9	8.7	0.00
18/02/2024 18:40	6.9	266	10	8.9	0.00
18/02/2024 18:50	6.7	267	10	9.3	0.00
18/02/2024 19:00	6.7	266	9	8.3	0.00
18/02/2024 19:10	6.8	266	8	8.6	0.00
18/02/2024 19:20	6.8	267	8	8.4	0.00
18/02/2024 19:30	6.8	268	9	8.5	0.00
18/02/2024 19:40	6.6	271	10	8.5	0.00
18/02/2024 19:50	7.2	266	9	9.6	0.00
18/02/2024 20:00	6.7	269	10	8.7	0.00
18/02/2024 20:10	7.0	267	9	8.7	0.00
18/02/2024 20:20	6.9	267	8	8.7	0.00
18/02/2024 20:30	6.1	266	10	7.9	0.00
18/02/2024 20:40	5.8	267	9	7.9	0.00
18/02/2024 20:50	6.1	268	8	7.6	0.00
18/02/2024 21:00	5.7	269	9	7.5	0.00
18/02/2024 21:10	5.4	261	10	7.2	0.00
18/02/2024 21:20	5.8	266	9	7.6	0.00
18/02/2024 21:30	6.0	267	8	7.5	0.00
18/02/2024 21:40	5.9	263	10	7.6	0.00
18/02/2024 21:50	4.5	264	10	6.6	0.00
18/02/2024 22:00	4.6	264	10	6.6	0.00
18/02/2024 22:10	5.3	262	11	6.7	0.00
18/02/2024 22:20	6.0	258	11	7.7	0.00
18/02/2024 22:30	6.3	259	10	8.0	0.00
18/02/2024 22:40	6.1	258	11	7.5	0.00
18/02/2024 22:50	5.7	260	9	7.4	0.00
18/02/2024 23:00	5.0	256	10	6.5	0.00
18/02/2024 23:10	4.9	258	12	6.7	0.00
18/02/2024 23:20	5.0	253	11	6.7	0.00
18/02/2024 23:30	5.2	256	11	6.8	0.00
18/02/2024 23:40	4.9	260	11	6.6	0.00
18/02/2024 23:50	5.6	256	12	7.7	0.00
19/02/2024 00:00	6.1	258	11	8.7	0.00
19/02/2024 00:10	5.7	262	10	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 00:20	5.1	260	9	7.0	0.00
19/02/2024 00:30	5.9	261	10	7.8	0.00
19/02/2024 00:40	5.5	259	9	7.0	0.00
19/02/2024 00:50	5.8	258	9	7.1	0.00
19/02/2024 01:00	5.0	260	10	6.8	0.00
19/02/2024 01:10	5.6	261	9	7.3	0.00
19/02/2024 01:20	6.0	263	9	7.5	0.00
19/02/2024 01:30	5.0	262	10	7.1	0.00
19/02/2024 01:40	4.5	259	12	6.4	0.00
19/02/2024 01:50	4.0	253	11	5.7	0.00
19/02/2024 02:00	4.0	250	10	5.5	0.00
19/02/2024 02:10	4.3	257	11	5.7	0.00
19/02/2024 02:20	4.6	263	9	6.5	0.00
19/02/2024 02:30	4.1	260	9	5.9	0.00
19/02/2024 02:40	4.8	259	10	6.3	0.00
19/02/2024 02:50	4.5	261	10	6.4	0.00
19/02/2024 03:00	5.0	262	10	6.6	0.00
19/02/2024 03:10	4.5	262	11	5.6	0.00
19/02/2024 03:20	4.6	260	10	6.2	0.00
19/02/2024 03:30	4.5	259	10	6.0	0.00
19/02/2024 03:40	4.7	255	12	6.5	0.00
19/02/2024 03:50	5.1	261	11	6.5	0.00
19/02/2024 04:00	4.8	260	12	6.4	0.00
19/02/2024 04:10	5.3	261	10	7.4	0.00
19/02/2024 04:20	5.1	261	10	6.7	0.00
19/02/2024 04:30	5.1	261	10	6.7	0.00
19/02/2024 04:40	5.0	261	10	6.4	0.00
19/02/2024 04:50	4.8	258	10	6.3	0.00
19/02/2024 05:00	4.4	260	10	6.2	0.00
19/02/2024 05:10	3.9	257	10	5.7	0.00
19/02/2024 05:20	3.6	260	10	4.8	0.00
19/02/2024 05:30	3.9	260	11	5.2	0.00
19/02/2024 05:40	3.5	261	12	4.5	0.00
19/02/2024 05:50	3.7	260	12	4.9	0.00
19/02/2024 06:00	2.9	259	11	4.2	0.00
19/02/2024 06:10	2.4	260	10	3.5	0.00
19/02/2024 06:20	2.8	261	10	3.8	0.00
19/02/2024 06:30	3.6	262	9	4.6	0.00
19/02/2024 06:40	3.1	259	10	4.3	0.00
19/02/2024 06:50	2.2	241	16	3.2	0.00
19/02/2024 07:00	2.3	251	13	3.2	0.00
19/02/2024 07:10	2.5	241	15	3.6	0.00
19/02/2024 07:20	2.9	235	14	3.9	0.00
19/02/2024 07:30	2.8	245	15	4.0	0.00
19/02/2024 07:40	2.9	261	12	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 07:50	3.0	257	15	4.2	0.00
19/02/2024 08:00	3.4	268	15	4.4	0.00
19/02/2024 08:10	3.2	263	17	4.4	0.00
19/02/2024 08:20	2.8	255	19	4.0	0.00
19/02/2024 08:30	3.6	235	16	5.2	0.00
19/02/2024 08:40	4.4	240	13	6.8	0.00
19/02/2024 08:50	3.6	236	14	5.6	0.00
19/02/2024 09:00	3.2	235	15	4.1	0.00
19/02/2024 09:10	3.3	226	19	4.9	0.00
19/02/2024 09:20	2.8	233	29	4.7	0.00
19/02/2024 09:30	2.5	229	29	3.8	0.00
19/02/2024 09:40	2.1	227	51	3.8	0.00
19/02/2024 09:50	1.7	220	55	3.3	0.00
19/02/2024 10:00	1.3	150	70	2.8	0.00
19/02/2024 10:10	2.7	135	23	4.6	0.00
19/02/2024 10:20	2.6	125	24	4.3	0.00
19/02/2024 10:30	2.3	129	25	3.6	0.00
19/02/2024 10:40	3.2	220	26	4.9	0.00
19/02/2024 10:50	3.2	322	18	4.7	0.00
19/02/2024 11:00	1.3	183	40	2.7	0.00
19/02/2024 11:10	1.4	29	59	3.6	0.00
19/02/2024 11:20	2.9	210	38	5.2	0.00
19/02/2024 11:30	2.7	334	21	3.8	0.00
19/02/2024 11:40	1.8	30	44	3.2	0.00
19/02/2024 11:50	3.1	352	20	4.8	0.00
19/02/2024 12:00	4.3	334	20	6.0	0.00
19/02/2024 12:10	3.5	328	20	5.2	0.00
19/02/2024 12:20	3.7	14	27	6.0	0.00
19/02/2024 12:30	4.2	318	19	6.5	0.00
19/02/2024 12:40	4.1	347	26	6.8	0.00
19/02/2024 12:50	5.9	304	12	7.6	0.00
19/02/2024 13:00	4.5	320	20	6.0	0.00
19/02/2024 13:10	4.2	329	22	6.1	0.00
19/02/2024 13:20	5.4	307	14	7.6	0.00
19/02/2024 13:30	4.9	311	16	7.2	0.00
19/02/2024 13:40	4.3	304	19	6.8	0.00
19/02/2024 13:50	4.5	298	16	6.8	0.00
19/02/2024 14:00	4.3	300	17	6.4	0.00
19/02/2024 14:10	5.3	299	13	6.9	0.00
19/02/2024 14:20	4.7	295	15	6.8	0.00
19/02/2024 14:30	5.1	296	14	6.8	0.00
19/02/2024 14:40	5.2	302	13	7.0	0.00
19/02/2024 14:50	5.4	289	14	7.3	0.00
19/02/2024 15:00	5.9	296	13	7.5	0.00
19/02/2024 15:10	5.5	296	14	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 15:20	5.6	304	10	6.8	0.00
19/02/2024 15:30	5.3	278	17	7.2	0.00
19/02/2024 15:40	5.2	288	16	6.3	0.00
19/02/2024 15:50	5.0	279	15	6.7	0.00
19/02/2024 16:00	5.1	276	18	7.0	0.00
19/02/2024 16:10	5.4	271	13	7.2	0.00
19/02/2024 16:20	5.5	265	13	7.2	0.00
19/02/2024 16:30	6.0	267	10	7.4	0.00
19/02/2024 16:40	6.2	264	10	7.4	0.00
19/02/2024 16:50	5.9	267	10	7.4	0.00
19/02/2024 17:00	5.5	265	11	7.0	0.00
19/02/2024 17:10	5.3	263	10	7.2	0.00
19/02/2024 17:20	5.9	260	12	7.7	0.00
19/02/2024 17:30	5.9	266	10	7.7	0.00
19/02/2024 17:40	6.4	264	10	8.4	0.00
19/02/2024 17:50	6.3	268	11	8.6	0.00
19/02/2024 18:00	6.2	265	9	7.9	0.00
19/02/2024 18:10	5.3	269	15	7.1	0.00
19/02/2024 18:20	5.4	268	9	6.9	0.00
19/02/2024 18:30	5.1	268	11	6.8	0.00
19/02/2024 18:40	5.3	273	12	7.2	0.00
19/02/2024 18:50	6.0	269	9	7.6	0.00
19/02/2024 19:00	5.9	265	10	7.8	0.00
19/02/2024 19:10	6.1	267	10	7.8	0.00
19/02/2024 19:20	5.5	268	11	7.2	0.00
19/02/2024 19:30	5.8	268	9	7.6	0.00
19/02/2024 19:40	5.4	267	10	7.1	0.00
19/02/2024 19:50	5.2	269	10	7.1	0.00
19/02/2024 20:00	5.2	267	10	6.7	0.00
19/02/2024 20:10	4.9	267	10	6.7	0.00
19/02/2024 20:20	4.6	267	10	6.0	0.00
19/02/2024 20:30	4.3	265	9	5.9	0.00
19/02/2024 20:40	5.1	267	10	6.5	0.00
19/02/2024 20:50	5.1	266	9	6.4	0.00
19/02/2024 21:00	4.8	268	10	6.4	0.00
19/02/2024 21:10	4.4	264	10	5.7	0.00
19/02/2024 21:20	4.4	269	9	5.6	0.00
19/02/2024 21:30	4.2	265	11	5.6	0.00
19/02/2024 21:40	4.6	266	9	6.0	0.00
19/02/2024 21:50	3.4	260	14	5.0	0.00
19/02/2024 22:00	4.0	262	10	5.2	0.00
19/02/2024 22:10	3.9	267	10	5.0	0.00
19/02/2024 22:20	3.8	269	10	4.9	0.00
19/02/2024 22:30	4.4	268	9	5.7	0.00
19/02/2024 22:40	4.9	268	9	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 22:50	4.1	268	8	5.6	0.00
19/02/2024 23:00	3.8	270	10	5.2	0.00
19/02/2024 23:10	3.6	268	11	4.8	0.00
19/02/2024 23:20	3.8	267	9	5.4	0.00
19/02/2024 23:30	4.3	269	9	5.2	0.00
19/02/2024 23:40	4.3	268	10	5.6	0.00
19/02/2024 23:50	4.2	267	9	5.7	0.00
20/02/2024 00:00	3.8	267	9	5.1	0.00
20/02/2024 00:10	3.7	271	10	4.8	0.00
20/02/2024 00:20	3.7	267	9	4.9	0.00
20/02/2024 00:30	3.6	267	10	4.8	0.00
20/02/2024 00:40	3.3	267	12	4.4	0.00
20/02/2024 00:50	3.0	268	10	4.0	0.00
20/02/2024 01:00	3.0	270	11	4.2	0.00
20/02/2024 01:10	3.6	265	9	4.8	0.00
20/02/2024 01:20	4.1	267	9	5.4	0.00
20/02/2024 01:30	3.5	266	11	4.6	0.00
20/02/2024 01:40	3.4	270	12	4.6	0.00
20/02/2024 01:50	3.1	264	9	4.1	0.00
20/02/2024 02:00	3.2	267	9	4.3	0.00
20/02/2024 02:10	3.0	273	14	3.9	0.00
20/02/2024 02:20	2.7	274	17	3.8	0.00
20/02/2024 02:30	2.9	266	11	4.2	0.00
20/02/2024 02:40	3.5	265	9	4.5	0.00
20/02/2024 02:50	3.0	264	11	3.8	0.00
20/02/2024 03:00	2.6	264	11	3.6	0.00
20/02/2024 03:10	2.4	264	13	3.5	0.00
20/02/2024 03:20	2.2	277	14	3.2	0.00
20/02/2024 03:30	2.0	277	17	2.8	0.00
20/02/2024 03:40	1.9	276	12	3.0	0.00
20/02/2024 03:50	1.4	286	19	2.0	0.00
20/02/2024 04:00	1.3	286	16	1.9	0.00
20/02/2024 04:10	1.8	289	17	2.6	0.00
20/02/2024 04:20	2.3	296	15	3.6	0.00
20/02/2024 04:30	2.5	299	13	3.7	0.00
20/02/2024 04:40	2.3	297	16	3.5	0.00
20/02/2024 04:50	2.6	282	17	3.6	0.00
20/02/2024 05:00	2.6	303	17	4.0	0.00
20/02/2024 05:10	2.1	287	20	3.2	0.00
20/02/2024 05:20	2.7	299	12	4.0	0.00
20/02/2024 05:30	2.8	297	15	4.3	0.00
20/02/2024 05:40	2.5	301	14	4.1	0.00
20/02/2024 05:50	2.7	294	23	4.5	0.00
20/02/2024 06:00	3.0	292	17	4.4	0.00
20/02/2024 06:10	3.4	293	13	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 06:20	3.4	277	16	4.6	0.00
20/02/2024 06:30	3.2	279	13	4.4	0.00
20/02/2024 06:40	3.1	270	11	4.0	0.00
20/02/2024 06:50	3.5	266	11	4.8	0.00
20/02/2024 07:00	3.0	262	12	4.0	0.00
20/02/2024 07:10	3.4	269	12	4.4	0.00
20/02/2024 07:20	3.0	270	15	4.0	0.00
20/02/2024 07:30	3.0	272	14	4.0	0.00
20/02/2024 07:40	3.4	263	12	4.9	0.00
20/02/2024 07:50	3.4	272	14	4.6	0.00
20/02/2024 08:00	3.3	271	16	5.2	0.00
20/02/2024 08:10	3.1	272	14	4.6	0.00
20/02/2024 08:20	3.2	264	17	4.2	0.00
20/02/2024 08:30	3.5	262	15	4.5	0.00
20/02/2024 08:40	3.4	266	17	4.8	0.00
20/02/2024 08:50	3.2	265	16	4.4	0.00
20/02/2024 09:00	2.0	147	26	4.0	0.00
20/02/2024 09:10	2.7	285	37	4.1	0.00
20/02/2024 09:20	3.5	282	16	4.7	0.00
20/02/2024 09:30	2.5	291	26	3.9	0.00
20/02/2024 09:40	3.1	178	40	4.8	0.00
20/02/2024 09:50	3.3	294	22	5.3	0.00
20/02/2024 10:00	3.5	350	29	5.4	0.00
20/02/2024 10:10	4.2	301	19	6.2	0.00
20/02/2024 10:20	3.1	348	38	4.6	0.00
20/02/2024 10:30	3.1	155	25	5.0	0.00
20/02/2024 10:40	2.8	338	27	5.2	0.00
20/02/2024 10:50	2.3	341	35	4.0	0.00
20/02/2024 11:00	3.1	192	26	5.2	0.00
20/02/2024 11:10	2.9	338	27	4.6	0.00
20/02/2024 11:20	2.6	337	29	4.9	0.00
20/02/2024 11:30	3.2	162	29	5.1	0.00
20/02/2024 11:40	2.5	319	39	4.6	0.00
20/02/2024 11:50	3.0	325	29	5.1	0.00
20/02/2024 12:00	3.6	315	20	5.6	0.00
20/02/2024 12:10	3.9	312	20	5.8	0.00
20/02/2024 12:20	4.1	316	18	5.6	0.00
20/02/2024 12:30	4.5	307	17	6.4	0.00
20/02/2024 12:40	5.6	302	11	8.0	0.00
20/02/2024 12:50	5.6	302	13	7.5	0.00
20/02/2024 13:00	5.6	301	12	7.7	0.00
20/02/2024 13:10	5.0	298	15	7.2	0.00
20/02/2024 13:20	6.0	298	12	7.6	0.00
20/02/2024 13:30	5.7	301	11	7.6	0.00
20/02/2024 13:40	5.3	306	13	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 13:50	5.3	306	15	7.5	0.00
20/02/2024 14:00	5.0	305	16	7.0	0.00
20/02/2024 14:10	4.9	301	16	6.8	0.00
20/02/2024 14:20	5.2	296	14	7.2	0.00
20/02/2024 14:30	4.9	296	15	7.2	0.00
20/02/2024 14:40	4.6	295	15	6.4	0.00
20/02/2024 14:50	4.4	297	18	6.3	0.00
20/02/2024 15:00	4.7	304	14	6.5	0.00
20/02/2024 15:10	4.6	302	18	6.0	0.00
20/02/2024 15:20	5.0	298	13	6.5	0.00
20/02/2024 15:30	5.0	300	14	7.1	0.00
20/02/2024 15:40	5.2	301	16	6.8	0.00
20/02/2024 15:50	4.8	296	14	6.4	0.00
20/02/2024 16:00	4.4	305	15	6.0	0.00
20/02/2024 16:10	4.6	305	13	6.5	0.00
20/02/2024 16:20	4.4	305	15	6.1	0.00
20/02/2024 16:30	5.1	304	11	6.8	0.00
20/02/2024 16:40	5.1	305	10	6.7	0.00
20/02/2024 16:50	4.5	305	15	6.3	0.00
20/02/2024 17:00	4.4	301	14	6.4	0.00
20/02/2024 17:10	5.5	296	12	7.1	0.00
20/02/2024 17:20	4.8	294	17	6.6	0.00
20/02/2024 17:30	4.9	296	13	6.9	0.00
20/02/2024 17:40	4.8	295	15	6.7	0.00
20/02/2024 17:50	4.9	300	14	6.4	0.00
20/02/2024 18:00	4.6	295	14	6.5	0.00
20/02/2024 18:10	4.5	292	14	6.3	0.00
20/02/2024 18:20	4.3	297	13	6.0	0.00
20/02/2024 18:30	4.9	299	10	6.3	0.00
20/02/2024 18:40	4.6	295	11	6.5	0.00
20/02/2024 18:50	4.6	301	12	6.1	0.00
20/02/2024 19:00	4.2	299	13	6.0	0.00
20/02/2024 19:10	3.6	300	14	5.2	0.00
20/02/2024 19:20	3.7	283	15	5.3	0.00
20/02/2024 19:30	3.6	286	16	5.6	0.00
20/02/2024 19:40	4.2	283	15	6.7	0.00
20/02/2024 19:50	4.7	284	15	6.4	0.00
20/02/2024 20:00	5.1	277	12	6.7	0.00
20/02/2024 20:10	4.4	273	13	6.0	0.00
20/02/2024 20:20	4.2	277	15	5.8	0.00
20/02/2024 20:30	4.5	268	11	6.8	0.00
20/02/2024 20:40	3.9	274	14	5.2	0.00
20/02/2024 20:50	3.8	268	13	6.0	0.00
20/02/2024 21:00	4.2	269	13	6.3	0.00
20/02/2024 21:10	3.8	269	15	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 21:20	3.7	262	12	4.8	0.00
20/02/2024 21:30	3.7	265	12	5.6	0.00
20/02/2024 21:40	3.2	271	16	4.5	0.00
20/02/2024 21:50	3.0	268	17	4.4	0.00
20/02/2024 22:00	2.9	267	12	4.0	0.00
20/02/2024 22:10	2.7	275	15	3.9	0.00
20/02/2024 22:20	3.1	276	14	4.4	0.00
20/02/2024 22:30	3.6	266	9	4.7	0.00
20/02/2024 22:40	3.0	270	14	4.2	0.00
20/02/2024 22:50	3.6	273	12	4.9	0.00
20/02/2024 23:00	3.1	277	14	4.0	0.00
20/02/2024 23:10	2.5	276	14	3.7	0.00
20/02/2024 23:20	2.6	279	13	3.8	0.00
20/02/2024 23:30	2.8	271	13	3.7	0.00
20/02/2024 23:40	3.3	267	10	4.3	0.00
20/02/2024 23:50	4.0	267	10	4.9	0.00
21/02/2024 00:00	3.8	269	12	5.2	0.00
21/02/2024 00:10	4.3	270	11	5.9	0.00
21/02/2024 00:20	4.5	267	8	6.5	0.00
21/02/2024 00:30	4.7	266	11	6.4	0.00
21/02/2024 00:40	4.9	267	11	6.3	0.00
21/02/2024 00:50	4.1	271	11	5.7	0.00
21/02/2024 01:00	4.2	266	11	5.7	0.00
21/02/2024 01:10	4.3	268	10	5.7	0.00
21/02/2024 01:20	3.3	266	13	4.4	0.00
21/02/2024 01:30	3.3	264	12	4.4	0.00
21/02/2024 01:40	3.1	257	12	4.1	0.00
21/02/2024 01:50	2.4	252	13	3.4	0.00
21/02/2024 02:00	2.5	257	12	3.3	0.00
21/02/2024 02:10	2.7	264	11	3.6	0.00
21/02/2024 02:20	3.0	267	11	4.0	0.00
21/02/2024 02:30	3.2	268	9	4.1	0.00
21/02/2024 02:40	2.9	271	11	3.9	0.00
21/02/2024 02:50	2.7	278	16	4.0	0.00
21/02/2024 03:00	2.9	284	13	4.0	0.00
21/02/2024 03:10	1.9	304	14	2.8	0.00
21/02/2024 03:20	2.1	285	15	3.2	0.00
21/02/2024 03:30	2.5	282	17	3.4	0.00
21/02/2024 03:40	2.4	284	12	3.5	0.00
21/02/2024 03:50	2.5	288	17	3.4	0.00
21/02/2024 04:00	2.5	280	14	3.6	0.00
21/02/2024 04:10	2.7	286	15	4.1	0.00
21/02/2024 04:20	2.6	271	12	3.6	0.00
21/02/2024 04:30	2.5	269	11	3.2	0.00
21/02/2024 04:40	2.5	277	13	3.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 04:50	3.3	269	12	4.4	0.00
21/02/2024 05:00	3.1	270	14	4.0	0.00
21/02/2024 05:10	2.9	278	14	4.4	0.00
21/02/2024 05:20	3.5	273	12	4.5	0.00
21/02/2024 05:30	2.8	286	15	4.4	0.00
21/02/2024 05:40	2.8	276	12	3.8	0.00
21/02/2024 05:50	2.7	271	13	3.6	0.00
21/02/2024 06:00	3.6	264	7	4.8	0.00
21/02/2024 06:10	3.1	264	9	4.3	0.00
21/02/2024 06:20	3.0	265	8	3.7	0.00
21/02/2024 06:30	2.8	264	10	3.6	0.00
21/02/2024 06:40	3.0	266	10	3.8	0.00
21/02/2024 06:50	3.1	264	9	4.1	0.00
21/02/2024 07:00	3.1	263	9	4.0	0.00
21/02/2024 07:10	2.9	263	13	4.1	0.00
21/02/2024 07:20	3.5	266	13	4.7	0.00
21/02/2024 07:30	3.1	271	14	4.2	0.00
21/02/2024 07:40	3.2	268	13	4.5	0.00
21/02/2024 07:50	3.7	259	13	5.2	0.00
21/02/2024 08:00	3.7	257	13	5.0	0.00
21/02/2024 08:10	3.8	259	16	5.1	0.00
21/02/2024 08:20	3.9	268	15	5.2	0.00
21/02/2024 08:30	4.5	261	12	6.7	0.00
21/02/2024 08:40	4.0	270	16	5.8	0.00
21/02/2024 08:50	4.8	267	14	6.4	0.00
21/02/2024 09:00	3.7	267	15	5.5	0.00
21/02/2024 09:10	4.1	261	15	5.5	0.00
21/02/2024 09:20	4.1	262	13	5.4	0.00
21/02/2024 09:30	3.8	266	13	5.5	0.00
21/02/2024 09:40	3.7	262	15	5.2	0.00
21/02/2024 09:50	3.7	263	14	4.9	0.00
21/02/2024 10:00	3.9	268	14	5.2	0.00
21/02/2024 10:10	3.4	268	15	4.8	0.00
21/02/2024 10:20	3.0	267	19	4.5	0.00
21/02/2024 10:30	2.8	263	21	4.4	0.00
21/02/2024 10:40	2.5	303	19	3.9	0.00
21/02/2024 10:50	2.4	289	21	3.9	0.00
21/02/2024 11:00	2.7	307	20	4.2	0.00
21/02/2024 11:10	2.4	309	22	3.9	0.00
21/02/2024 11:20	3.0	294	13	4.4	0.00
21/02/2024 11:30	3.5	301	14	5.2	0.00
21/02/2024 11:40	3.3	294	21	4.7	0.00
21/02/2024 11:50	2.9	292	22	4.3	0.00
21/02/2024 12:00	2.7	299	26	3.8	0.00
21/02/2024 12:10	3.2	291	18	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 12:20	3.0	300	17	4.3	0.00
21/02/2024 12:30	4.1	300	11	5.2	0.00
21/02/2024 12:40	4.3	303	11	5.6	0.00
21/02/2024 12:50	4.1	304	12	5.4	0.00
21/02/2024 13:00	3.9	303	13	5.0	0.00
21/02/2024 13:10	3.5	299	15	5.0	0.00
21/02/2024 13:20	3.6	301	11	4.8	0.00
21/02/2024 13:30	3.5	328	23	5.1	0.00
21/02/2024 13:40	3.6	320	25	5.2	0.00
21/02/2024 13:50	3.0	6	26	4.6	0.00
21/02/2024 14:00	2.9	175	24	4.6	0.00
21/02/2024 14:10	3.1	327	28	4.8	0.00
21/02/2024 14:20	3.4	330	24	5.3	0.00
21/02/2024 14:30	3.4	181	29	5.1	0.00
21/02/2024 14:40	3.5	340	24	5.2	0.00
21/02/2024 14:50	3.7	318	22	5.3	0.00
21/02/2024 15:00	4.4	306	18	6.4	0.00
21/02/2024 15:10	5.1	299	13	7.2	0.00
21/02/2024 15:20	5.3	306	12	7.2	0.00
21/02/2024 15:30	4.6	308	16	7.0	0.00
21/02/2024 15:40	5.2	308	15	7.5	0.00
21/02/2024 15:50	5.2	307	15	7.6	0.00
21/02/2024 16:00	4.1	306	17	6.2	0.00
21/02/2024 16:10	4.1	315	18	7.4	0.00
21/02/2024 16:20	4.2	329	23	6.7	0.00
21/02/2024 16:30	4.2	359	21	6.4	0.00
21/02/2024 16:40	4.4	347	22	6.7	0.00
21/02/2024 16:50	4.3	326	22	7.5	0.00
21/02/2024 17:00	4.4	337	22	7.1	0.00
21/02/2024 17:10	4.5	343	22	6.8	0.00
21/02/2024 17:20	4.8	321	20	7.3	0.00
21/02/2024 17:30	6.6	303	10	8.1	0.00
21/02/2024 17:40	6.0	307	12	8.5	0.00
21/02/2024 17:50	5.7	309	14	7.7	0.00
21/02/2024 18:00	6.3	304	10	8.0	0.00
21/02/2024 18:10	5.4	304	11	7.2	0.00
21/02/2024 18:20	5.0	301	13	7.2	0.00
21/02/2024 18:30	5.5	300	9	6.8	0.00
21/02/2024 18:40	4.8	299	13	6.4	0.00
21/02/2024 18:50	4.4	297	12	6.1	0.00
21/02/2024 19:00	3.6	282	16	5.3	0.00
21/02/2024 19:10	4.6	270	12	6.2	0.00
21/02/2024 19:20	4.1	275	16	5.5	0.00
21/02/2024 19:30	4.1	273	13	5.3	0.00
21/02/2024 19:40	4.4	268	11	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 19:50	4.4	265	10	6.3	0.00
21/02/2024 20:00	4.2	262	12	5.4	0.00
21/02/2024 20:10	3.9	262	10	5.4	0.00
21/02/2024 20:20	4.1	261	10	5.3	0.00
21/02/2024 20:30	4.4	261	9	5.8	0.00
21/02/2024 20:40	4.2	261	11	5.6	0.00
21/02/2024 20:50	3.2	258	11	4.4	0.00
21/02/2024 21:00	2.8	265	10	3.9	0.00
21/02/2024 21:10	3.3	257	11	4.3	0.00
21/02/2024 21:20	3.3	267	13	4.2	0.00
21/02/2024 21:30	2.9	269	9	3.7	0.00
21/02/2024 21:40	2.8	272	12	3.8	0.00
21/02/2024 21:50	2.4	274	13	3.3	0.00
21/02/2024 22:00	2.8	270	10	3.2	0.00
21/02/2024 22:10	3.5	267	10	4.8	0.00
21/02/2024 22:20	3.2	276	12	4.2	0.00
21/02/2024 22:30	3.0	264	10	4.0	0.00
21/02/2024 22:40	2.7	266	11	3.7	0.00
21/02/2024 22:50	2.2	273	13	2.9	0.00
21/02/2024 23:00	2.6	266	9	3.3	0.00
21/02/2024 23:10	3.2	261	10	4.1	0.00
21/02/2024 23:20	2.8	260	13	3.9	0.00
21/02/2024 23:30	2.8	280	15	3.9	0.00
21/02/2024 23:40	3.5	267	11	4.5	0.00
21/02/2024 23:50	3.1	267	11	4.3	0.00
22/02/2024 00:00	3.1	269	10	3.9	0.00
22/02/2024 00:10	3.9	266	9	5.2	0.00
22/02/2024 00:20	4.1	268	11	5.3	0.00
22/02/2024 00:30	4.3	268	8	5.7	0.00
22/02/2024 00:40	3.9	264	10	4.9	0.00
22/02/2024 00:50	4.5	260	10	6.0	0.00
22/02/2024 01:00	4.0	260	9	4.8	0.00
22/02/2024 01:10	4.8	260	10	6.5	0.00
22/02/2024 01:20	3.8	256	12	5.8	0.00
22/02/2024 01:30	3.6	258	11	4.8	0.00
22/02/2024 01:40	3.5	259	11	4.8	0.00
22/02/2024 01:50	3.5	265	10	4.3	0.00
22/02/2024 02:00	2.3	263	11	3.2	0.00
22/02/2024 02:10	1.5	261	11	2.4	0.00
22/02/2024 02:20	1.1	247	15	2.0	0.00
22/02/2024 02:30	1.3	244	17	1.9	0.00
22/02/2024 02:40	0.1	272	7	0.8	0.00
22/02/2024 02:50	1.1	269	6	2.2	0.00
22/02/2024 03:00	1.2	266	12	1.7	0.00
22/02/2024 03:10	1.6	264	10	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 03:20	1.4	259	11	2.1	0.00
22/02/2024 03:30					0.00
22/02/2024 03:40	0.2	353	9	0.8	0.00
22/02/2024 03:50	0.3	336	9	0.8	0.00
22/02/2024 04:00	0.4	318	4	0.9	0.00
22/02/2024 04:10	0.5	28	4	0.9	0.00
22/02/2024 04:20	0.5	320	4	1.2	0.00
22/02/2024 04:30	0.1	35	5	0.7	0.00
22/02/2024 04:40	0.9	317	8	1.2	0.00
22/02/2024 04:50	0.3	328	10	0.9	0.00
22/02/2024 05:00	0.0	35	7	0.4	0.00
22/02/2024 05:10	0.2	201	7	1.2	0.00
22/02/2024 05:20	1.4	279	17	2.4	0.00
22/02/2024 05:30	0.5	305	7	1.9	0.00
22/02/2024 05:40	0.5	232	18	1.4	0.00
22/02/2024 05:50	0.2	167	5	0.9	0.00
22/02/2024 06:00	0.9	51	19	1.2	0.00
22/02/2024 06:10	0.8	24	23	1.2	0.00
22/02/2024 06:20	0.4	305	3	1.1	0.00
22/02/2024 06:30					0.00
22/02/2024 06:40	0.4	38	4	1.1	0.00
22/02/2024 06:50	0.9	58	13	1.2	0.00
22/02/2024 07:00	1.0	77	11	1.4	0.00
22/02/2024 07:10	0.9	68	7	1.2	0.00
22/02/2024 07:20	0.8	74	16	1.2	0.00
22/02/2024 07:30	1.3	98	18	2.2	0.00
22/02/2024 07:40	2.9	100	10	4.3	0.00
22/02/2024 07:50	3.9	92	10	5.2	0.00
22/02/2024 08:00	4.1	88	9	5.4	0.00
22/02/2024 08:10	4.1	86	11	5.1	0.00
22/02/2024 08:20	4.2	91	10	5.5	0.00
22/02/2024 08:30	4.0	95	11	5.2	0.00
22/02/2024 08:40	4.0	98	12	5.3	0.00
22/02/2024 08:50	4.2	94	12	5.7	0.00
22/02/2024 09:00	3.8	94	14	5.2	0.00
22/02/2024 09:10	4.6	87	12	6.1	0.00
22/02/2024 09:20	5.2	92	11	6.9	0.00
22/02/2024 09:30	5.0	87	11	7.1	0.00
22/02/2024 09:40	5.5	82	12	7.2	0.00
22/02/2024 09:50	6.1	84	12	9.0	0.00
22/02/2024 10:00	6.8	89	11	9.0	0.00
22/02/2024 10:10	6.9	89	11	9.3	0.00
22/02/2024 10:20	7.0	88	12	9.7	0.00
22/02/2024 10:30	7.1	88	12	9.4	0.00
22/02/2024 10:40	7.5	92	10	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 10:50	6.5	93	11	8.2	0.00
22/02/2024 11:00	6.7	86	10	8.9	0.00
22/02/2024 11:10	6.7	87	12	9.2	0.00
22/02/2024 11:20	6.8	87	10	8.6	0.00
22/02/2024 11:30	7.4	80	10	9.9	0.00
22/02/2024 11:40	7.0	82	10	8.9	0.00
22/02/2024 11:50	6.7	80	12	9.0	0.00
22/02/2024 12:00	7.1	77	10	9.9	0.00
22/02/2024 12:10	6.7	83	11	9.0	0.00
22/02/2024 12:20	6.8	79	11	8.7	0.00
22/02/2024 12:30	6.0	76	13	8.3	0.00
22/02/2024 12:40	7.4	81	11	9.6	0.00
22/02/2024 12:50	7.5	72	12	9.6	0.00
22/02/2024 13:00	6.8	69	11	9.3	0.00
22/02/2024 13:10	6.8	75	10	8.7	0.00
22/02/2024 13:20	5.9	74	10	8.0	0.00
22/02/2024 13:30	6.1	70	11	7.9	0.00
22/02/2024 13:40	6.1	77	10	7.5	0.00
22/02/2024 13:50	5.3	74	12	6.8	0.00
22/02/2024 14:00	5.0	76	10	6.5	0.00
22/02/2024 14:10	4.3	74	11	5.5	0.00
22/02/2024 14:20	4.0	62	13	6.1	0.00
22/02/2024 14:30	4.8	50	17	6.9	0.00
22/02/2024 14:40	5.6	44	13	7.2	0.00
22/02/2024 14:50	6.1	48	13	7.8	0.00
22/02/2024 15:00	5.9	49	13	7.5	0.00
22/02/2024 15:10	5.3	47	12	7.5	0.00
22/02/2024 15:20	5.4	45	13	7.2	0.00
22/02/2024 15:30	5.8	54	11	7.5	0.00
22/02/2024 15:40	5.4	46	13	7.5	0.00
22/02/2024 15:50	5.9	55	13	8.1	0.00
22/02/2024 16:00	6.7	58	13	8.8	0.00
22/02/2024 16:10	7.2	54	11	9.5	0.00
22/02/2024 16:20	8.0	51	11	10.2	0.00
22/02/2024 16:30	8.3	49	13	11.5	0.00
22/02/2024 16:40	8.2	39	13	10.3	0.00
22/02/2024 16:50	8.2	47	12	10.8	0.00
22/02/2024 17:00	8.4	52	11	10.3	0.00
22/02/2024 17:10	7.5	49	12	10.1	0.00
22/02/2024 17:20	6.7	47	12	9.0	0.00
22/02/2024 17:30	6.4	47	13	9.0	0.00
22/02/2024 17:40	6.8	53	14	9.6	0.00
22/02/2024 17:50	8.5	56	12	11.0	0.00
22/02/2024 18:00	8.5	54	12	11.9	0.00
22/02/2024 18:10	7.3	52	12	10.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 18:20	7.6	53	13	9.5	0.00
22/02/2024 18:30	7.3	59	12	9.5	0.00
22/02/2024 18:40	6.0	59	15	9.3	0.00
22/02/2024 18:50	6.4	70	11	8.7	0.00
22/02/2024 19:00	7.0	71	11	10.4	0.00
22/02/2024 19:10	8.1	68	11	11.4	0.00
22/02/2024 19:20	8.2	69	11	11.4	0.00
22/02/2024 19:30	7.9	72	9	10.3	0.00
22/02/2024 19:40	7.8	74	9	9.7	0.00
22/02/2024 19:50	7.4	75	9	9.6	0.00
22/02/2024 20:00	7.1	75	8	9.1	0.00
22/02/2024 20:10	6.7	74	10	9.5	0.10
22/02/2024 20:20	5.8	76	9	7.8	0.10
22/02/2024 20:30	5.1	81	11	7.3	0.10
22/02/2024 20:40	4.8	90	13	6.5	0.00
22/02/2024 20:50	5.1	85	11	6.8	0.00
22/02/2024 21:00	4.9	81	9	7.2	0.00
22/02/2024 21:10	5.3	72	11	7.3	0.00
22/02/2024 21:20	5.3	75	12	7.2	0.00
22/02/2024 21:30	5.5	77	12	7.9	0.00
22/02/2024 21:40	5.8	71	13	10.2	0.00
22/02/2024 21:50	6.2	78	12	8.0	0.00
22/02/2024 22:00	6.2	79	10	8.9	0.00
22/02/2024 22:10	4.6	81	10	6.9	0.40
22/02/2024 22:20	4.4	82	11	6.7	0.10
22/02/2024 22:30	3.6	90	12	5.1	0.00
22/02/2024 22:40	3.0	88	12	4.1	0.00
22/02/2024 22:50	3.1	96	11	4.1	0.00
22/02/2024 23:00	3.7	88	10	5.6	0.00
22/02/2024 23:10	3.9	93	10	5.2	0.00
22/02/2024 23:20	3.8	89	12	5.6	0.20
22/02/2024 23:30	4.2	87	10	5.7	0.20
22/02/2024 23:40	3.8	98	14	5.8	0.00
22/02/2024 23:50	3.7	101	11	5.0	0.00
23/02/2024 00:00	3.1	95	12	4.6	0.00
23/02/2024 00:10	4.2	91	10	5.8	0.00
23/02/2024 00:20	4.3	90	9	5.6	0.00
23/02/2024 00:30	4.5	90	11	6.2	0.00
23/02/2024 00:40	5.0	95	11	6.7	0.00
23/02/2024 00:50	5.1	88	10	7.2	0.00
23/02/2024 01:00	4.7	83	10	6.8	0.10
23/02/2024 01:10	4.9	87	11	6.8	0.30
23/02/2024 01:20	3.5	91	12	5.1	0.20
23/02/2024 01:30	3.8	98	13	5.4	0.30
23/02/2024 01:40	4.6	84	9	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 01:50	5.0	91	11	6.8	0.00
23/02/2024 02:00	5.7	91	11	8.0	0.00
23/02/2024 02:10	5.4	92	11	7.3	0.00
23/02/2024 02:20	5.5	92	10	7.3	0.00
23/02/2024 02:30	5.3	90	11	7.5	0.00
23/02/2024 02:40	6.0	88	11	7.9	0.00
23/02/2024 02:50	5.2	94	11	7.5	0.00
23/02/2024 03:00	5.0	96	12	7.7	0.10
23/02/2024 03:10	5.7	88	10	7.7	0.30
23/02/2024 03:20	5.9	83	11	8.5	0.00
23/02/2024 03:30	5.4	77	11	7.5	0.00
23/02/2024 03:40	5.8	77	10	8.4	0.10
23/02/2024 03:50	4.8	83	10	6.4	0.00
23/02/2024 04:00	5.9	81	11	8.1	0.00
23/02/2024 04:10	6.2	84	11	8.9	0.00
23/02/2024 04:20	6.1	84	11	8.3	0.00
23/02/2024 04:30	6.4	83	11	8.9	0.00
23/02/2024 04:40	5.9	87	10	8.3	0.00
23/02/2024 04:50	5.6	83	9	8.0	0.00
23/02/2024 05:00	6.6	86	11	8.9	0.00
23/02/2024 05:10	7.2	85	11	9.8	0.00
23/02/2024 05:20	7.0	84	10	8.6	0.00
23/02/2024 05:30	6.5	87	11	8.8	0.00
23/02/2024 05:40	5.9	87	11	8.2	0.00
23/02/2024 05:50	6.3	84	10	8.8	0.00
23/02/2024 06:00	6.7	82	9	9.3	0.00
23/02/2024 06:10	6.4	82	10	9.1	0.00
23/02/2024 06:20	6.2	85	11	8.2	0.00
23/02/2024 06:30	7.0	85	10	8.8	0.00
23/02/2024 06:40	6.8	85	10	9.1	0.00
23/02/2024 06:50	5.6	85	11	8.5	0.00
23/02/2024 07:00	6.1	84	11	8.6	0.00
23/02/2024 07:10	6.1	84	10	8.3	0.00
23/02/2024 07:20	6.9	85	10	9.4	0.00
23/02/2024 07:30	6.8	85	10	9.1	0.00
23/02/2024 07:40	6.4	86	11	9.1	0.00
23/02/2024 07:50	6.5	85	11	9.6	0.00
23/02/2024 08:00	6.3	86	12	8.7	0.00
23/02/2024 08:10	6.3	82	10	9.3	0.00
23/02/2024 08:20	5.3	80	12	7.5	0.10
23/02/2024 08:30	5.5	83	11	7.9	0.00
23/02/2024 08:40	6.3	85	10	8.7	0.00
23/02/2024 08:50	6.0	86	10	8.4	0.00
23/02/2024 09:00	5.6	84	11	7.9	0.00
23/02/2024 09:10	5.5	81	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 09:20	6.0	84	10	8.6	0.00
23/02/2024 09:30	6.2	87	11	9.4	0.00
23/02/2024 09:40	6.9	83	10	9.1	0.00
23/02/2024 09:50	6.5	87	9	9.1	0.00
23/02/2024 10:00	6.6	87	11	8.6	0.00
23/02/2024 10:10	6.5	85	12	8.9	0.00
23/02/2024 10:20	6.8	83	9	8.7	0.00
23/02/2024 10:30	6.6	83	11	8.9	0.00
23/02/2024 10:40	6.2	79	12	8.0	0.00
23/02/2024 10:50	6.2	85	10	8.1	0.00
23/02/2024 11:00	6.7	82	10	9.0	0.00
23/02/2024 11:10	6.5	84	11	8.9	0.00
23/02/2024 11:20	6.6	86	10	9.2	0.00
23/02/2024 11:30	7.1	84	12	9.6	0.00
23/02/2024 11:40	7.5	85	12	10.3	0.00
23/02/2024 11:50	7.5	85	12	10.6	0.00
23/02/2024 12:00	7.3	85	12	10.6	0.00
23/02/2024 12:10	7.7	86	12	10.5	0.00
23/02/2024 12:20	7.6	74	13	10.6	0.00
23/02/2024 12:30	7.3	74	12	9.6	0.00
23/02/2024 12:40	7.0	68	13	9.7	0.00
23/02/2024 12:50	6.4	69	13	9.2	0.00
23/02/2024 13:00	6.5	66	12	8.8	0.00
23/02/2024 13:10	6.7	67	13	9.0	0.00
23/02/2024 13:20	6.6	74	13	9.7	0.00
23/02/2024 13:30	7.1	77	10	9.1	0.00
23/02/2024 13:40	6.9	71	13	9.2	0.00
23/02/2024 13:50	7.0	71	13	9.3	0.00
23/02/2024 14:00	6.7	66	12	9.1	0.00
23/02/2024 14:10	7.6	66	10	10.2	0.00
23/02/2024 14:20	7.1	70	15	10.1	0.00
23/02/2024 14:30	6.3	67	13	9.3	0.00
23/02/2024 14:40	7.3	73	13	9.8	0.00
23/02/2024 14:50	6.7	72	14	9.5	0.00
23/02/2024 15:00	6.3	68	15	8.3	0.00
23/02/2024 15:10	6.1	76	16	8.3	0.00
23/02/2024 15:20	6.7	81	15	9.6	0.00
23/02/2024 15:30	6.7	88	12	8.9	0.00
23/02/2024 15:40	7.0	86	11	9.1	0.00
23/02/2024 15:50	6.6	88	11	9.1	0.00
23/02/2024 16:00	6.5	86	12	9.3	0.00
23/02/2024 16:10	6.6	85	13	9.1	0.00
23/02/2024 16:20	6.7	72	13	9.1	0.00
23/02/2024 16:30	6.8	72	9	9.1	0.00
23/02/2024 16:40	5.6	71	13	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 16:50	6.0	68	13	8.5	0.00
23/02/2024 17:00	6.3	67	14	8.6	0.00
23/02/2024 17:10	5.4	66	12	7.4	0.00
23/02/2024 17:20	6.1	70	12	7.9	0.00
23/02/2024 17:30	6.5	71	12	8.7	0.00
23/02/2024 17:40	5.6	77	12	8.0	0.00
23/02/2024 17:50	6.3	75	10	9.0	0.00
23/02/2024 18:00	5.9	74	12	8.1	0.00
23/02/2024 18:10	6.2	74	11	8.9	0.00
23/02/2024 18:20	5.8	80	12	8.1	0.00
23/02/2024 18:30	5.3	75	11	7.4	0.00
23/02/2024 18:40	5.8	75	10	8.5	0.00
23/02/2024 18:50	6.2	73	11	8.0	0.00
23/02/2024 19:00	6.0	78	11	8.3	0.00
23/02/2024 19:10	6.5	75	11	8.9	0.00
23/02/2024 19:20	6.3	74	10	8.8	0.00
23/02/2024 19:30	6.2	81	12	9.5	0.00
23/02/2024 19:40	6.4	70	10	8.9	0.00
23/02/2024 19:50	5.6	72	12	7.5	0.00
23/02/2024 20:00	6.3	69	10	9.0	0.00
23/02/2024 20:10	5.9	69	11	7.9	0.00
23/02/2024 20:20	6.0	73	11	8.5	0.00
23/02/2024 20:30	6.3	69	10	9.1	0.00
23/02/2024 20:40	5.8	69	12	8.2	0.00
23/02/2024 20:50	5.8	67	10	8.4	0.00
23/02/2024 21:00	5.7	69	10	7.8	0.00
23/02/2024 21:10	5.0	66	12	7.1	0.00
23/02/2024 21:20	5.0	68	10	7.0	0.00
23/02/2024 21:30	5.6	64	12	7.9	0.00
23/02/2024 21:40	5.9	70	10	7.9	0.00
23/02/2024 21:50	5.9	69	10	7.9	0.00
23/02/2024 22:00	5.5	70	12	7.5	0.00
23/02/2024 22:10	5.5	68	11	7.6	0.00
23/02/2024 22:20	4.9	64	12	7.0	0.00
23/02/2024 22:30	5.2	70	12	7.1	0.00
23/02/2024 22:40	4.9	70	10	6.9	0.00
23/02/2024 22:50	4.9	66	13	7.5	0.00
23/02/2024 23:00	5.1	66	11	7.2	0.00
23/02/2024 23:10	4.5	66	12	6.3	0.00
23/02/2024 23:20	4.7	71	10	6.6	0.00
23/02/2024 23:30	5.4	74	10	7.5	0.00
23/02/2024 23:40	4.4	70	13	5.9	0.00
23/02/2024 23:50	5.3	71	9	7.0	0.00
24/02/2024 00:00	5.2	67	13	7.2	0.00
24/02/2024 00:10	4.9	73	12	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 00:20	4.7	68	13	6.4	0.00
24/02/2024 00:30	5.0	66	11	6.8	0.00
24/02/2024 00:40	5.3	73	11	7.2	0.00
24/02/2024 00:50	4.7	70	10	6.1	0.00
24/02/2024 01:00	5.3	72	10	7.4	0.00
24/02/2024 01:10	4.6	71	12	6.0	0.00
24/02/2024 01:20	5.0	71	11	7.2	0.00
24/02/2024 01:30	5.3	67	10	7.2	0.00
24/02/2024 01:40	5.0	65	10	7.2	0.00
24/02/2024 01:50	5.2	65	12	7.6	0.00
24/02/2024 02:00	4.9	65	13	6.9	0.00
24/02/2024 02:10	4.9	63	11	6.5	0.00
24/02/2024 02:20	4.8	63	10	6.8	0.00
24/02/2024 02:30	4.9	67	13	6.4	0.00
24/02/2024 02:40	5.3	66	11	7.4	0.00
24/02/2024 02:50	5.2	67	10	8.0	0.00
24/02/2024 03:00	5.2	66	10	7.3	0.00
24/02/2024 03:10	4.6	64	13	6.6	0.00
24/02/2024 03:20	4.8	67	11	7.2	0.00
24/02/2024 03:30	4.4	66	11	6.4	0.00
24/02/2024 03:40	4.7	64	11	6.2	0.00
24/02/2024 03:50	4.2	62	12	6.5	0.00
24/02/2024 04:00	4.7	64	11	6.4	0.00
24/02/2024 04:10	5.1	61	13	6.8	0.00
24/02/2024 04:20	4.7	61	13	6.5	0.00
24/02/2024 04:30	4.5	66	11	6.5	0.00
24/02/2024 04:40	4.2	66	12	6.1	0.00
24/02/2024 04:50	4.0	62	11	6.2	0.00
24/02/2024 05:00	4.7	64	12	6.4	0.00
24/02/2024 05:10	4.7	63	11	6.5	0.00
24/02/2024 05:20	4.8	61	11	6.8	0.00
24/02/2024 05:30	4.9	53	12	6.4	0.00
24/02/2024 05:40	5.5	58	11	7.5	0.00
24/02/2024 05:50	5.1	55	13	6.8	0.00
24/02/2024 06:00	4.6	56	13	6.2	0.00
24/02/2024 06:10	4.0	39	14	6.5	0.00
24/02/2024 06:20	3.3	27	19	5.6	0.00
24/02/2024 06:30	3.0	36	20	4.8	0.00
24/02/2024 06:40	3.1	31	17	4.8	0.00
24/02/2024 06:50	3.7	27	17	5.2	0.00
24/02/2024 07:00	3.8	15	17	6.0	0.00
24/02/2024 07:10	3.8	17	18	5.8	0.00
24/02/2024 07:20	3.9	12	20	5.7	0.00
24/02/2024 07:30	4.2	15	20	6.8	0.00
24/02/2024 07:40	4.2	15	18	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 07:50	4.1	17	14	5.8	0.00
24/02/2024 08:00	4.1	22	19	6.7	0.00
24/02/2024 08:10	4.1	19	17	6.0	0.00
24/02/2024 08:20	4.2	18	20	5.9	0.00
24/02/2024 08:30	4.0	17	18	5.8	0.00
24/02/2024 08:40	3.9	11	18	6.5	0.00
24/02/2024 08:50	4.0	18	20	6.0	0.00
24/02/2024 09:00	4.0	26	17	6.2	0.00
24/02/2024 09:10	4.0	13	18	6.3	0.00
24/02/2024 09:20	3.6	14	17	5.4	0.00
24/02/2024 09:30	4.1	20	17	6.6	0.00
24/02/2024 09:40	4.0	18	19	6.4	0.00
24/02/2024 09:50	4.1	14	17	6.2	0.00
24/02/2024 10:00	4.1	24	19	6.2	0.00
24/02/2024 10:10	4.1	17	21	5.9	0.00
24/02/2024 10:20	4.1	17	21	6.0	0.00
24/02/2024 10:30	3.4	186	24	5.6	0.00
24/02/2024 10:40	4.2	15	21	6.5	0.00
24/02/2024 10:50	3.9	12	25	6.0	0.00
24/02/2024 11:00	4.3	22	19	6.4	0.00
24/02/2024 11:10	4.2	22	19	6.4	0.00
24/02/2024 11:20	4.3	24	19	6.6	0.00
24/02/2024 11:30	4.4	26	20	6.7	0.00
24/02/2024 11:40	4.4	18	21	6.7	0.00
24/02/2024 11:50	4.5	22	20	6.8	0.00
24/02/2024 12:00	4.4	187	24	6.4	0.00
24/02/2024 12:10	4.0	7	26	6.2	0.00
24/02/2024 12:20	4.5	5	23	6.6	0.00
24/02/2024 12:30	4.3	187	23	6.3	0.00
24/02/2024 12:40	4.1	10	22	5.9	0.00
24/02/2024 12:50	4.6	352	28	6.8	0.00
24/02/2024 13:00	4.3	8	23	7.0	0.00
24/02/2024 13:10	4.5	176	26	7.2	0.00
24/02/2024 13:20	3.9	6	23	5.9	0.00
24/02/2024 13:30	4.3	185	20	7.0	0.00
24/02/2024 13:40	4.2	179	25	6.6	0.00
24/02/2024 13:50	3.8	10	23	5.8	0.00
24/02/2024 14:00	4.0	182	23	6.0	0.00
24/02/2024 14:10	3.8	4	25	6.4	0.00
24/02/2024 14:20	3.6	179	23	5.9	0.00
24/02/2024 14:30	3.0	345	31	4.9	0.00
24/02/2024 14:40	3.1	327	29	5.5	0.00
24/02/2024 14:50	2.8	330	40	4.8	0.00
24/02/2024 15:00	4.0	305	20	6.1	0.00
24/02/2024 15:10	4.2	299	15	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 15:20	4.5	301	17	6.9	0.00
24/02/2024 15:30	4.8	298	15	6.6	0.00
24/02/2024 15:40	4.5	295	17	6.5	0.00
24/02/2024 15:50	4.4	303	13	6.4	0.00
24/02/2024 16:00	5.1	292	16	7.0	0.00
24/02/2024 16:10	4.7	297	15	6.8	0.00
24/02/2024 16:20	4.9	284	19	6.8	0.00
24/02/2024 16:30	5.0	299	12	7.2	0.00
24/02/2024 16:40	4.4	302	17	6.1	0.00
24/02/2024 16:50	4.6	301	14	6.2	0.00
24/02/2024 17:00	4.5	296	15	6.1	0.00
24/02/2024 17:10	4.5	295	12	6.3	0.00
24/02/2024 17:20	4.6	295	15	6.4	0.00
24/02/2024 17:30	4.7	286	14	6.1	0.00
24/02/2024 17:40	4.3	289	16	6.0	0.00
24/02/2024 17:50	4.2	292	15	6.1	0.00
24/02/2024 18:00	4.5	281	18	6.0	0.00
24/02/2024 18:10	4.0	291	15	6.0	0.00
24/02/2024 18:20	3.8	289	15	5.6	0.00
24/02/2024 18:30	3.9	286	19	5.6	0.00
24/02/2024 18:40	3.8	296	15	5.1	0.00
24/02/2024 18:50	4.0	285	15	5.2	0.00
24/02/2024 19:00	3.8	290	14	5.5	0.00
24/02/2024 19:10	3.6	283	18	4.9	0.00
24/02/2024 19:20	3.6	287	17	4.9	0.00
24/02/2024 19:30	3.7	296	14	5.2	0.00
24/02/2024 19:40	3.6	280	16	5.3	0.00
24/02/2024 19:50	3.4	279	16	5.1	0.00
24/02/2024 20:00	3.2	282	17	4.9	0.00
24/02/2024 20:10	3.3	290	13	5.1	0.00
24/02/2024 20:20	3.3	290	13	4.4	0.00
24/02/2024 20:30	3.0	286	13	4.0	0.00
24/02/2024 20:40	2.9	274	16	4.3	0.00
24/02/2024 20:50	2.6	284	15	3.9	0.00
24/02/2024 21:00	2.6	287	14	3.8	0.00
24/02/2024 21:10	3.1	269	13	4.7	0.00
24/02/2024 21:20	2.6	284	16	3.6	0.00
24/02/2024 21:30	3.3	274	15	4.5	0.00
24/02/2024 21:40	3.0	279	14	4.2	0.00
24/02/2024 21:50	3.2	276	16	4.4	0.00
24/02/2024 22:00	3.4	292	14	4.7	0.00
24/02/2024 22:10	2.8	290	15	3.9	0.00
24/02/2024 22:20	3.1	273	16	4.5	0.00
24/02/2024 22:30	3.3	279	15	4.4	0.00
24/02/2024 22:40	3.5	276	15	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 22:50	3.1	274	13	4.4	0.00
24/02/2024 23:00	3.0	273	13	4.1	0.00
24/02/2024 23:10	3.5	268	12	4.5	0.00
24/02/2024 23:20	3.2	272	13	4.6	0.00
24/02/2024 23:30	3.2	287	14	4.4	0.00
24/02/2024 23:40	2.9	282	16	4.4	0.00
24/02/2024 23:50	3.1	276	16	4.7	0.00
25/02/2024 00:00	3.4	277	14	4.5	0.00
25/02/2024 00:10	3.7	271	13	4.9	0.00
25/02/2024 00:20	3.9	276	13	5.5	0.00
25/02/2024 00:30	3.5	277	15	4.9	0.00
25/02/2024 00:40	4.1	268	12	6.0	0.00
25/02/2024 00:50	4.0	274	13	5.6	0.00
25/02/2024 01:00	3.8	276	12	5.2	0.00
25/02/2024 01:10	3.4	271	14	4.8	0.00
25/02/2024 01:20	4.3	269	11	5.4	0.00
25/02/2024 01:30	4.4	267	11	6.1	0.00
25/02/2024 01:40	3.9	270	12	5.6	0.00
25/02/2024 01:50	3.8	272	12	5.5	0.00
25/02/2024 02:00	3.8	273	14	5.2	0.00
25/02/2024 02:10	4.5	267	11	6.0	0.00
25/02/2024 02:20	3.9	272	12	5.3	0.00
25/02/2024 02:30	3.8	271	13	5.0	0.00
25/02/2024 02:40	4.1	269	11	5.7	0.00
25/02/2024 02:50	3.8	273	12	5.2	0.00
25/02/2024 03:00	4.0	268	10	5.5	0.00
25/02/2024 03:10	4.4	266	10	6.0	0.00
25/02/2024 03:20	4.0	271	12	5.6	0.00
25/02/2024 03:30	3.4	269	13	4.8	0.00
25/02/2024 03:40	2.8	274	13	3.8	0.00
25/02/2024 03:50	3.0	265	11	4.1	0.00
25/02/2024 04:00	2.7	276	14	3.6	0.00
25/02/2024 04:10	2.5	275	12	3.3	0.00
25/02/2024 04:20	2.8	270	11	3.7	0.00
25/02/2024 04:30	2.5	274	13	3.5	0.00
25/02/2024 04:40	2.3	277	13	3.3	0.00
25/02/2024 04:50	2.3	270	10	3.0	0.00
25/02/2024 05:00	2.4	271	14	3.0	0.00
25/02/2024 05:10	1.9	271	14	2.8	0.00
25/02/2024 05:20	2.0	287	15	2.9	0.00
25/02/2024 05:30	1.9	283	13	2.7	0.00
25/02/2024 05:40	1.9	278	13	2.7	0.00
25/02/2024 05:50	1.5	275	16	2.4	0.00
25/02/2024 06:00	1.9	276	12	2.4	0.00
25/02/2024 06:10	1.7	270	13	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 06:20	1.6	266	11	2.1	0.00
25/02/2024 06:30	1.5	254	11	2.1	0.00
25/02/2024 06:40	1.6	247	11	2.3	0.00
25/02/2024 06:50	1.6	260	13	2.5	0.00
25/02/2024 07:00	1.9	257	13	2.7	0.00
25/02/2024 07:10	1.9	266	15	2.8	0.00
25/02/2024 07:20	2.1	265	13	3.2	0.00
25/02/2024 07:30	3.1	267	11	4.4	0.00
25/02/2024 07:40	3.2	259	13	4.2	0.00
25/02/2024 07:50	3.5	263	12	4.8	0.00
25/02/2024 08:00	3.5	260	13	5.2	0.00
25/02/2024 08:10	3.7	255	13	4.9	0.00
25/02/2024 08:20	3.9	259	12	5.1	0.00
25/02/2024 08:30	4.0	264	16	5.2	0.00
25/02/2024 08:40	3.6	264	13	5.0	0.00
25/02/2024 08:50	4.0	259	15	5.2	0.00
25/02/2024 09:00	3.8	260	17	5.4	0.00
25/02/2024 09:10	3.8	269	16	5.6	0.00
25/02/2024 09:20	3.9	250	14	5.7	0.00
25/02/2024 09:30	4.1	262	17	5.8	0.00
25/02/2024 09:40	4.3	253	15	6.0	0.00
25/02/2024 09:50	4.3	248	15	5.5	0.00
25/02/2024 10:00	4.5	257	14	6.1	0.00
25/02/2024 10:10	4.8	257	12	6.1	0.00
25/02/2024 10:20	5.1	256	15	7.2	0.00
25/02/2024 10:30	5.6	258	10	7.4	0.00
25/02/2024 10:40	5.7	256	13	7.3	0.00
25/02/2024 10:50	5.5	257	12	7.4	0.00
25/02/2024 11:00	5.9	253	13	7.5	0.00
25/02/2024 11:10	5.9	256	13	7.9	0.00
25/02/2024 11:20	6.1	254	14	7.7	0.00
25/02/2024 11:30	6.5	259	13	8.7	0.00
25/02/2024 11:40	6.3	261	11	8.1	0.00
25/02/2024 11:50	6.0	255	13	8.1	0.00
25/02/2024 12:00	6.2	257	14	8.2	0.00
25/02/2024 12:10	6.3	259	12	8.6	0.00
25/02/2024 12:20	6.2	257	13	8.1	0.00
25/02/2024 12:30	6.4	258	12	8.4	0.00
25/02/2024 12:40	6.5	257	12	8.6	0.00
25/02/2024 12:50	7.2	259	12	9.6	0.00
25/02/2024 13:00	7.4	257	13	10.2	0.00
25/02/2024 13:10	7.2	260	12	9.8	0.00
25/02/2024 13:20	7.3	262	13	9.0	0.00
25/02/2024 13:30	7.1	264	12	9.5	0.00
25/02/2024 13:40	7.3	258	12	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 13:50	7.0	262	13	9.9	0.00
25/02/2024 14:00	7.0	270	13	8.9	0.00
25/02/2024 14:10	7.0	267	13	9.7	0.00
25/02/2024 14:20	7.0	265	11	9.4	0.00
25/02/2024 14:30	6.9	268	13	9.5	0.00
25/02/2024 14:40	6.6	265	14	8.8	0.00
25/02/2024 14:50	5.9	268	14	8.2	0.00
25/02/2024 15:00	6.3	260	11	8.3	0.00
25/02/2024 15:10	6.2	253	13	8.3	0.00
25/02/2024 15:20	5.7	254	11	7.5	0.00
25/02/2024 15:30	6.1	257	14	8.0	0.00
25/02/2024 15:40	6.5	258	12	8.3	0.00
25/02/2024 15:50	5.9	262	15	8.1	0.00
25/02/2024 16:00	5.6	261	13	8.3	0.00
25/02/2024 16:10	6.2	260	13	8.3	0.00
25/02/2024 16:20	6.4	259	12	8.7	0.00
25/02/2024 16:30	6.4	261	11	8.7	0.00
25/02/2024 16:40	6.6	259	11	9.8	0.00
25/02/2024 16:50	6.7	259	12	9.0	0.00
25/02/2024 17:00	6.3	264	13	8.7	0.00
25/02/2024 17:10	6.2	263	13	8.0	0.00
25/02/2024 17:20	6.5	263	12	8.6	0.00
25/02/2024 17:30	6.2	264	12	7.5	0.00
25/02/2024 17:40	6.2	266	11	8.6	0.00
25/02/2024 17:50	6.1	268	13	8.2	0.00
25/02/2024 18:00	6.2	270	12	8.6	0.00
25/02/2024 18:10	6.5	268	13	8.2	0.00
25/02/2024 18:20	6.2	268	10	8.1	0.00
25/02/2024 18:30	6.5	270	11	8.4	0.00
25/02/2024 18:40	6.3	267	11	8.4	0.00
25/02/2024 18:50	6.1	268	10	8.1	0.00
25/02/2024 19:00	6.1	267	9	7.5	0.00
25/02/2024 19:10	6.1	268	9	8.5	0.00
25/02/2024 19:20	5.4	268	10	7.0	0.00
25/02/2024 19:30	5.3	269	12	7.2	0.00
25/02/2024 19:40	6.3	267	10	8.2	0.00
25/02/2024 19:50	6.0	267	9	7.9	0.00
25/02/2024 20:00	6.4	267	10	8.7	0.00
25/02/2024 20:10	6.4	268	9	8.6	0.00
25/02/2024 20:20	5.4	267	10	7.5	0.00
25/02/2024 20:30	5.6	264	11	7.6	0.00
25/02/2024 20:40	5.7	265	11	7.7	0.00
25/02/2024 20:50	5.8	263	11	7.5	0.00
25/02/2024 21:00	5.5	265	12	7.1	0.00
25/02/2024 21:10	5.2	263	11	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 21:20	5.2	266	12	7.2	0.00
25/02/2024 21:30	5.4	266	8	7.2	0.00
25/02/2024 21:40	5.0	266	9	6.7	0.00
25/02/2024 21:50	5.4	268	10	7.3	0.00
25/02/2024 22:00	5.4	268	9	7.2	0.00
25/02/2024 22:10	5.0	264	11	6.7	0.00
25/02/2024 22:20	4.9	265	11	7.1	0.00
25/02/2024 22:30	5.2	267	10	7.4	0.00
25/02/2024 22:40	5.1	268	10	6.5	0.00
25/02/2024 22:50	5.3	267	10	7.2	0.00
25/02/2024 23:00	4.7	266	9	6.6	0.00
25/02/2024 23:10	5.1	270	10	7.1	0.00
25/02/2024 23:20	5.6	269	9	7.4	0.00
25/02/2024 23:30	5.4	267	9	7.2	0.00
25/02/2024 23:40	5.3	262	10	7.6	0.00
25/02/2024 23:50	5.4	267	8	7.4	0.00
26/02/2024 00:00	5.5	266	9	7.6	0.00
26/02/2024 00:10	5.2	266	10	6.8	0.00
26/02/2024 00:20	5.4	267	10	7.2	0.00
26/02/2024 00:30	5.2	263	11	7.5	0.00
26/02/2024 00:40	5.2	264	10	6.9	0.00
26/02/2024 00:50	5.3	262	11	7.0	0.00
26/02/2024 01:00	4.9	258	12	6.7	0.00
26/02/2024 01:10	5.4	264	13	7.6	0.00
26/02/2024 01:20	4.7	265	11	6.3	0.00
26/02/2024 01:30	4.9	264	10	6.5	0.00
26/02/2024 01:40	4.7	265	11	6.5	0.00
26/02/2024 01:50	4.9	260	11	6.9	0.00
26/02/2024 02:00	5.2	260	11	7.1	0.00
26/02/2024 02:10	4.7	264	12	6.7	0.00
26/02/2024 02:20	5.2	260	10	6.9	0.00
26/02/2024 02:30	4.8	262	9	6.7	0.00
26/02/2024 02:40	4.9	260	12	6.8	0.00
26/02/2024 02:50	5.3	259	11	6.9	0.00
26/02/2024 03:00	5.6	256	12	7.3	0.00
26/02/2024 03:10	5.2	258	13	7.2	0.00
26/02/2024 03:20	5.2	260	12	6.8	0.00
26/02/2024 03:30	5.3	260	12	6.8	0.00
26/02/2024 03:40	5.6	257	13	7.6	0.00
26/02/2024 03:50	5.8	257	12	7.7	0.00
26/02/2024 04:00	5.4	255	12	7.9	0.00
26/02/2024 04:10	5.8	260	10	7.5	0.00
26/02/2024 04:20	4.4	255	11	6.0	0.00
26/02/2024 04:30	3.2	248	12	4.8	0.00
26/02/2024 04:40	3.7	246	11	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 04:50	3.9	241	12	6.0	0.00
26/02/2024 05:00	3.7	243	13	5.2	0.00
26/02/2024 05:10	3.8	239	14	5.2	0.00
26/02/2024 05:20	4.4	244	12	6.8	0.00
26/02/2024 05:30	4.4	249	13	6.3	0.00
26/02/2024 05:40	3.6	248	12	5.3	0.00
26/02/2024 05:50	3.9	249	15	5.6	0.00
26/02/2024 06:00	3.6	243	13	5.4	0.00
26/02/2024 06:10	3.8	246	12	5.3	0.00
26/02/2024 06:20	3.6	248	13	5.3	0.00
26/02/2024 06:30	3.7	251	14	4.8	0.00
26/02/2024 06:40	4.1	244	13	6.0	0.00
26/02/2024 06:50	4.6	242	13	6.8	0.00
26/02/2024 07:00	5.0	243	13	6.7	0.00
26/02/2024 07:10	5.1	245	12	6.8	0.00
26/02/2024 07:20	4.4	248	15	6.2	0.00
26/02/2024 07:30	4.7	248	13	6.7	0.00
26/02/2024 07:40	4.9	254	13	6.6	0.00
26/02/2024 07:50	5.4	256	13	7.6	0.00
26/02/2024 08:00	6.0	250	12	8.3	0.00
26/02/2024 08:10	5.6	249	14	7.8	0.00
26/02/2024 08:20	6.1	253	14	7.9	0.00
26/02/2024 08:30	6.2	247	12	7.9	0.00
26/02/2024 08:40	6.1	255	13	8.4	0.00
26/02/2024 08:50	6.3	256	11	8.7	0.00
26/02/2024 09:00	7.0	256	11	9.7	0.00
26/02/2024 09:10	7.7	260	12	9.9	0.00
26/02/2024 09:20	7.2	252	14	10.2	0.00
26/02/2024 09:30	6.4	256	12	9.2	0.00
26/02/2024 09:40	7.4	256	13	9.8	0.00
26/02/2024 09:50	7.5	255	14	10.7	0.00
26/02/2024 10:00	7.3	262	12	9.5	0.00
26/02/2024 10:10	7.5	262	12	9.5	0.00
26/02/2024 10:20	7.3	256	11	9.9	0.00
26/02/2024 10:30	6.8	257	13	9.9	0.00
26/02/2024 10:40	7.2	260	13	9.7	0.00
26/02/2024 10:50	7.0	260	11	9.5	0.00
26/02/2024 11:00	6.7	264	12	8.7	0.00
26/02/2024 11:10	7.1	271	12	8.8	0.00
26/02/2024 11:20	7.1	268	12	9.3	0.00
26/02/2024 11:30	7.2	270	12	9.3	0.00
26/02/2024 11:40	7.4	274	13	9.7	0.00
26/02/2024 11:50	7.9	273	12	10.1	0.00
26/02/2024 12:00	7.0	273	15	9.4	0.00
26/02/2024 12:10	7.4	275	14	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 12:20	7.5	273	14	10.1	0.00
26/02/2024 12:30	7.6	270	13	9.7	0.00
26/02/2024 12:40	7.5	273	13	10.1	0.00
26/02/2024 12:50	7.3	274	13	9.6	0.00
26/02/2024 13:00	7.7	278	12	10.3	0.00
26/02/2024 13:10	8.0	272	11	10.8	0.00
26/02/2024 13:20	8.4	270	11	10.7	0.00
26/02/2024 13:30	8.0	271	11	10.9	0.00
26/02/2024 13:40	8.0	270	13	10.7	0.00
26/02/2024 13:50	7.7	269	11	10.2	0.00
26/02/2024 14:00	7.7	271	12	10.1	0.00
26/02/2024 14:10	7.0	270	13	9.7	0.00
26/02/2024 14:20	6.6	276	16	8.7	0.00
26/02/2024 14:30	7.1	282	15	9.1	0.00
26/02/2024 14:40	7.0	277	14	9.3	0.00
26/02/2024 14:50	7.6	267	10	10.1	0.00
26/02/2024 15:00	7.4	268	11	9.9	0.00
26/02/2024 15:10	7.9	271	11	10.2	0.00
26/02/2024 15:20	7.7	269	11	10.1	0.00
26/02/2024 15:30	7.0	270	12	8.9	0.00
26/02/2024 15:40	7.2	269	12	9.7	0.00
26/02/2024 15:50	7.3	267	12	9.9	0.00
26/02/2024 16:00	7.5	264	12	9.5	0.00
26/02/2024 16:10	7.5	266	12	9.1	0.00
26/02/2024 16:20	7.7	264	11	11.1	0.00
26/02/2024 16:30	8.2	266	11	10.9	0.00
26/02/2024 16:40	8.4	267	11	11.0	0.00
26/02/2024 16:50	7.9	266	11	11.5	0.00
26/02/2024 17:00	8.6	270	11	11.0	0.00
26/02/2024 17:10	7.5	271	13	10.7	0.00
26/02/2024 17:20	8.0	269	11	10.0	0.00
26/02/2024 17:30	7.7	268	9	10.3	0.00
26/02/2024 17:40	8.0	270	12	10.1	0.00
26/02/2024 17:50	7.7	270	10	9.9	0.00
26/02/2024 18:00	6.8	271	12	9.7	0.00
26/02/2024 18:10	6.7	282	12	9.1	0.00
26/02/2024 18:20	6.2	277	13	8.6	0.00
26/02/2024 18:30	7.2	271	10	9.4	0.00
26/02/2024 18:40	7.6	268	10	9.5	0.00
26/02/2024 18:50	8.7	269	10	11.3	0.00
26/02/2024 19:00	8.6	270	10	11.1	0.00
26/02/2024 19:10	7.2	270	12	9.6	0.00
26/02/2024 19:20	7.6	268	10	9.9	0.00
26/02/2024 19:30	8.1	269	11	10.6	0.00
26/02/2024 19:40	7.6	268	10	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 19:50	7.7	270	10	10.3	0.00
26/02/2024 20:00	7.5	269	10	9.9	0.00
26/02/2024 20:10	7.6	270	11	9.9	0.00
26/02/2024 20:20	7.5	268	11	9.9	0.00
26/02/2024 20:30	7.7	269	11	10.3	0.00
26/02/2024 20:40	7.0	269	10	8.7	0.00
26/02/2024 20:50	6.6	269	11	9.3	0.00
26/02/2024 21:00	7.2	269	10	9.4	0.00
26/02/2024 21:10	7.6	266	10	9.7	0.00
26/02/2024 21:20	7.7	267	11	10.3	0.00
26/02/2024 21:30	7.7	268	10	10.0	0.00
26/02/2024 21:40	7.4	269	10	10.1	0.00
26/02/2024 21:50	7.4	267	11	10.3	0.00
26/02/2024 22:00	7.2	266	10	9.8	0.00
26/02/2024 22:10	7.0	270	10	9.6	0.00
26/02/2024 22:20	6.7	268	11	8.6	0.00
26/02/2024 22:30	6.9	266	12	9.5	0.00
26/02/2024 22:40	6.7	269	9	8.7	0.00
26/02/2024 22:50	6.2	266	11	8.7	0.00
26/02/2024 23:00	6.1	265	12	8.2	0.00
26/02/2024 23:10	6.3	263	11	8.2	0.00
26/02/2024 23:20	6.1	264	10	8.3	0.00
26/02/2024 23:30	6.2	264	11	8.3	0.00
26/02/2024 23:40	6.6	267	10	8.7	0.00
26/02/2024 23:50	6.1	265	11	7.7	0.00
27/02/2024 00:00	6.3	262	10	8.8	0.00
27/02/2024 00:10	5.5	265	11	7.2	0.00
27/02/2024 00:20	6.2	267	11	8.8	0.00
27/02/2024 00:30	6.6	266	11	8.5	0.00
27/02/2024 00:40	6.6	265	11	8.8	0.00
27/02/2024 00:50	6.5	265	12	9.0	0.00
27/02/2024 01:00	6.2	265	11	8.3	0.00
27/02/2024 01:10	6.1	261	10	8.3	0.00
27/02/2024 01:20	5.9	265	10	8.4	0.00
27/02/2024 01:30	6.2	260	12	8.7	0.00
27/02/2024 01:40	6.1	262	11	8.1	0.00
27/02/2024 01:50	6.2	261	11	8.1	0.00
27/02/2024 02:00	5.8	261	11	8.6	0.00
27/02/2024 02:10	4.9	262	12	7.5	0.00
27/02/2024 02:20	5.1	260	13	7.2	0.00
27/02/2024 02:30	5.7	261	11	7.7	0.00
27/02/2024 02:40	5.5	262	11	7.6	0.00
27/02/2024 02:50	5.4	258	11	7.5	0.00
27/02/2024 03:00	5.1	253	11	7.2	0.00
27/02/2024 03:10	5.7	256	13	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 03:20	5.5	261	11	7.5	0.00
27/02/2024 03:30	6.1	261	12	8.1	0.00
27/02/2024 03:40	5.7	259	12	8.5	0.00
27/02/2024 03:50	5.4	258	12	7.2	0.00
27/02/2024 04:00	5.3	257	12	7.7	0.00
27/02/2024 04:10	5.5	252	12	7.5	0.00
27/02/2024 04:20	5.9	258	12	7.7	0.00
27/02/2024 04:30	5.5	256	13	7.7	0.00
27/02/2024 04:40	5.9	260	11	7.9	0.00
27/02/2024 04:50	6.1	263	10	8.1	0.00
27/02/2024 05:00	6.4	262	11	8.5	0.00
27/02/2024 05:10	5.8	263	9	7.9	0.00
27/02/2024 05:20	5.4	263	9	7.5	0.00
27/02/2024 05:30	4.9	260	9	6.6	0.00
27/02/2024 05:40	4.3	260	13	5.7	0.00
27/02/2024 05:50	4.1	254	13	6.0	0.00
27/02/2024 06:00	3.9	245	11	5.7	0.00
27/02/2024 06:10	4.2	248	10	5.2	0.00
27/02/2024 06:20	4.9	250	11	6.6	0.00
27/02/2024 06:30	3.8	248	14	5.5	0.00
27/02/2024 06:40	3.5	251	12	5.1	0.00
27/02/2024 06:50	3.7	252	10	4.8	0.00
27/02/2024 07:00	2.8	250	13	4.1	0.00
27/02/2024 07:10	3.4	249	11	4.8	0.00
27/02/2024 07:20	3.8	251	14	5.2	0.00
27/02/2024 07:30	3.5	263	12	5.2	0.00
27/02/2024 07:40	4.0	266	10	5.4	0.00
27/02/2024 07:50	4.7	264	9	5.6	0.00
27/02/2024 08:00	4.2	264	12	5.7	0.00
27/02/2024 08:10	4.8	265	12	6.4	0.00
27/02/2024 08:20	4.5	262	12	5.7	0.00
27/02/2024 08:30	4.2	263	14	5.2	0.00
27/02/2024 08:40	4.5	260	13	5.9	0.00
27/02/2024 08:50	4.3	260	13	5.6	0.00
27/02/2024 09:00	4.5	266	12	6.0	0.00
27/02/2024 09:10	4.1	265	14	5.5	0.00
27/02/2024 09:20	5.1	272	9	6.9	0.00
27/02/2024 09:30	5.3	268	13	6.8	0.00
27/02/2024 09:40	5.0	270	12	6.5	0.00
27/02/2024 09:50	5.3	268	10	6.8	0.00
27/02/2024 10:00	5.3	271	10	7.0	0.00
27/02/2024 10:10	5.3	274	12	6.9	0.00
27/02/2024 10:20	5.7	270	11	7.5	0.00
27/02/2024 10:30	5.9	270	9	7.5	0.00
27/02/2024 10:40	6.8	269	10	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 10:50	6.4	270	9	8.0	0.00
27/02/2024 11:00	6.2	271	10	7.8	0.00
27/02/2024 11:10	6.1	270	11	7.6	0.00
27/02/2024 11:20	5.9	268	11	7.5	0.00
27/02/2024 11:30	6.1	268	13	7.7	0.00
27/02/2024 11:40	6.0	272	14	8.2	0.00
27/02/2024 11:50	5.9	272	13	7.8	0.00
27/02/2024 12:00	6.3	269	11	9.2	0.00
27/02/2024 12:10	6.4	266	9	8.0	0.00
27/02/2024 12:20	6.0	268	15	8.2	0.00
27/02/2024 12:30	6.4	268	12	7.9	0.00
27/02/2024 12:40	6.0	274	15	8.2	0.00
27/02/2024 12:50	6.4	272	14	8.3	0.00
27/02/2024 13:00	6.5	264	12	8.2	0.00
27/02/2024 13:10	6.3	267	11	8.6	0.00
27/02/2024 13:20	6.2	267	11	8.1	0.00
27/02/2024 13:30	5.9	269	11	8.3	0.00
27/02/2024 13:40	5.8	272	13	7.8	0.00
27/02/2024 13:50	6.0	264	13	8.5	0.00
27/02/2024 14:00	5.9	268	14	8.6	0.00
27/02/2024 14:10	5.9	270	13	7.9	0.00
27/02/2024 14:20	6.3	265	12	7.9	0.00
27/02/2024 14:30	7.0	268	9	8.9	0.00
27/02/2024 14:40	7.0	265	10	8.9	0.00
27/02/2024 14:50	6.8	269	11	9.3	0.00
27/02/2024 15:00	7.5	261	11	9.9	0.00
27/02/2024 15:10	7.4	263	10	9.9	0.00
27/02/2024 15:20	7.0	266	13	10.7	0.00
27/02/2024 15:30	7.5	266	12	9.7	0.00
27/02/2024 15:40	7.3	268	11	10.0	0.00
27/02/2024 15:50	7.1	270	12	9.2	0.00
27/02/2024 16:00	7.3	266	11	9.4	0.00
27/02/2024 16:10	7.3	269	9	9.3	0.00
27/02/2024 16:20	6.8	270	11	9.2	0.00
27/02/2024 16:30	7.3	267	12	9.2	0.00
27/02/2024 16:40	7.1	272	11	9.1	0.00
27/02/2024 16:50	7.1	267	11	10.0	0.00
27/02/2024 17:00	7.8	269	10	10.4	0.00
27/02/2024 17:10	7.9	268	10	10.0	0.00
27/02/2024 17:20	6.9	270	10	8.6	0.00
27/02/2024 17:30	7.0	273	12	8.7	0.00
27/02/2024 17:40	6.8	274	14	9.1	0.00
27/02/2024 17:50	6.0	271	12	8.4	0.00
27/02/2024 18:00	6.5	272	13	8.5	0.00
27/02/2024 18:10	5.7	278	13	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 18:20	5.7	281	13	7.5	0.00
27/02/2024 18:30	5.6	282	12	7.4	0.00
27/02/2024 18:40	5.1	276	14	6.8	0.00
27/02/2024 18:50	5.2	276	13	7.0	0.00
27/02/2024 19:00	5.1	272	11	6.8	0.00
27/02/2024 19:10	5.8	271	10	7.7	0.00
27/02/2024 19:20	5.9	271	11	7.4	0.00
27/02/2024 19:30	4.9	275	13	6.4	0.00
27/02/2024 19:40	5.2	271	12	7.2	0.00
27/02/2024 19:50	5.5	272	12	7.3	0.00
27/02/2024 20:00	5.5	269	11	7.7	0.00
27/02/2024 20:10	5.8	268	11	7.8	0.00
27/02/2024 20:20	5.8	270	12	7.7	0.00
27/02/2024 20:30	6.1	267	12	7.7	0.00
27/02/2024 20:40	5.6	269	9	7.8	0.00
27/02/2024 20:50	5.0	272	13	7.0	0.00
27/02/2024 21:00	4.8	269	12	6.8	0.00
27/02/2024 21:10	4.2	274	14	5.6	0.00
27/02/2024 21:20	4.3	285	15	6.7	0.00
27/02/2024 21:30	4.8	279	14	6.0	0.00
27/02/2024 21:40	4.5	276	13	6.0	0.00
27/02/2024 21:50	4.1	282	15	5.6	0.00
27/02/2024 22:00	4.3	283	15	5.6	0.00
27/02/2024 22:10	4.3	278	15	6.3	0.00
27/02/2024 22:20	4.8	274	12	6.3	0.00
27/02/2024 22:30	4.8	272	12	6.1	0.00
27/02/2024 22:40	5.6	269	8	7.0	0.00
27/02/2024 22:50	5.2	274	12	6.8	0.00
27/02/2024 23:00	5.0	280	14	6.9	0.00
27/02/2024 23:10	4.8	278	14	7.0	0.00
27/02/2024 23:20	5.2	273	11	7.2	0.00
27/02/2024 23:30	4.5	245	16	6.2	0.00
27/02/2024 23:40	4.6	266	12	6.0	0.00
27/02/2024 23:50	3.6	256	13	5.5	0.00
28/02/2024 00:00	3.5	271	13	5.0	0.00
28/02/2024 00:10	3.2	270	14	4.9	0.00
28/02/2024 00:20	3.6	273	12	4.8	0.00
28/02/2024 00:30	3.6	282	14	4.8	0.00
28/02/2024 00:40	4.0	292	13	5.5	0.00
28/02/2024 00:50	3.3	312	12	4.8	0.00
28/02/2024 01:00	3.0	322	23	4.4	0.00
28/02/2024 01:10	1.9	33	34	3.9	0.00
28/02/2024 01:20	3.9	321	30	6.6	0.00
28/02/2024 01:30	3.5	50	21	5.6	0.00
28/02/2024 01:40	3.8	194	16	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 01:50	3.9	342	20	5.8	0.00
28/02/2024 02:00	3.5	183	29	5.8	0.00
28/02/2024 02:10	5.7	304	12	7.5	0.00
28/02/2024 02:20	5.8	304	12	7.8	0.00
28/02/2024 02:30	5.2	303	14	7.0	0.00
28/02/2024 02:40	4.3	304	13	6.2	0.00
28/02/2024 02:50	5.3	300	14	7.2	0.00
28/02/2024 03:00	4.6	294	13	6.5	0.00
28/02/2024 03:10	5.0	290	15	7.5	0.00
28/02/2024 03:20	5.1	295	16	7.8	0.00
28/02/2024 03:30	3.5	279	16	5.7	0.00
28/02/2024 03:40	5.1	278	14	7.2	0.00
28/02/2024 03:50	5.5	279	13	7.5	0.00
28/02/2024 04:00	6.2	271	10	8.1	0.00
28/02/2024 04:10	7.2	271	8	9.0	0.00
28/02/2024 04:20	6.2	269	9	7.9	0.00
28/02/2024 04:30	7.2	269	10	8.8	0.00
28/02/2024 04:40	7.1	268	10	9.4	0.00
28/02/2024 04:50	7.2	268	10	9.3	0.00
28/02/2024 05:00	7.2	262	12	9.1	0.00
28/02/2024 05:10	6.8	261	11	8.9	0.00
28/02/2024 05:20	7.0	260	10	9.1	0.00
28/02/2024 05:30	7.3	260	11	9.9	0.00
28/02/2024 05:40	6.5	255	10	8.4	0.00
28/02/2024 05:50	5.2	252	11	7.4	0.00
28/02/2024 06:00	4.9	250	12	6.6	0.00
28/02/2024 06:10	4.8	248	11	6.8	0.00
28/02/2024 06:20	4.3	247	13	6.4	0.00
28/02/2024 06:30	4.4	254	12	6.3	0.00
28/02/2024 06:40	4.0	260	13	5.5	0.00
28/02/2024 06:50	3.4	249	12	5.0	0.00
28/02/2024 07:00	3.0	240	17	4.5	0.00
28/02/2024 07:10	3.5	238	15	4.8	0.00
28/02/2024 07:20	1.5	173	63	3.3	0.00
28/02/2024 07:30	1.5	202	60	3.0	0.00
28/02/2024 07:40	1.5	226	61	3.3	0.00
28/02/2024 07:50	1.4	219	57	3.3	0.00
28/02/2024 08:00	1.2	173	57	2.6	0.00
28/02/2024 08:10	1.0	193	55	2.2	0.00
28/02/2024 08:20	1.0	203	53	2.1	0.00
28/02/2024 08:30	1.3	211	37	2.5	0.00
28/02/2024 08:40	1.0	76	24	2.9	0.00
28/02/2024 08:50	1.3	93	25	3.0	0.00
28/02/2024 09:00	2.5	95	15	3.9	0.00
28/02/2024 09:10	4.5	90	13	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 09:20	3.1	83	19	4.6	0.00
28/02/2024 09:30	3.1	89	16	5.1	0.00
28/02/2024 09:40	3.1	96	17	5.0	0.00
28/02/2024 09:50	3.1	96	21	4.4	0.00
28/02/2024 10:00	3.1	103	17	4.8	0.00
28/02/2024 10:10	3.1	111	17	4.5	0.00
28/02/2024 10:20	2.8	87	20	4.8	0.00
28/02/2024 10:30	2.5	95	35	4.6	0.00
28/02/2024 10:40	2.7	99	22	5.0	0.00
28/02/2024 10:50	3.3	102	19	5.0	0.00
28/02/2024 11:00	2.2	103	35	4.4	0.00
28/02/2024 11:10	1.8	275	58	4.2	0.00
28/02/2024 11:20	3.9	315	22	5.9	0.00
28/02/2024 11:30	3.4	327	27	5.1	0.00
28/02/2024 11:40	3.1	332	21	4.8	0.00
28/02/2024 11:50	4.1	315	22	5.6	0.00
28/02/2024 12:00	3.4	183	31	5.2	0.00
28/02/2024 12:10	3.6	9	20	5.5	0.00
28/02/2024 12:20	3.9	8	22	5.6	0.00
28/02/2024 12:30	3.8	181	23	5.3	0.00
28/02/2024 12:40	3.7	177	24	5.5	0.00
28/02/2024 12:50	4.4	329	23	7.0	0.00
28/02/2024 13:00	4.9	306	14	6.7	0.00
28/02/2024 13:10	5.7	302	11	7.1	0.00
28/02/2024 13:20	5.9	302	11	7.4	0.00
28/02/2024 13:30	5.6	304	10	7.1	0.00
28/02/2024 13:40	5.3	305	17	7.5	0.00
28/02/2024 13:50	6.1	298	14	8.0	0.00
28/02/2024 14:00	6.1	296	14	8.3	0.00
28/02/2024 14:10	5.8	303	13	8.1	0.00
28/02/2024 14:20	5.6	301	13	6.8	0.00
28/02/2024 14:30	5.9	301	11	7.6	0.00
28/02/2024 14:40	5.3	293	19	7.1	0.00
28/02/2024 14:50	6.0	270	12	8.6	0.00
28/02/2024 15:00	6.5	267	12	7.9	0.00
28/02/2024 15:10	6.1	268	12	8.5	0.00
28/02/2024 15:20	6.4	271	12	8.1	0.00
28/02/2024 15:30	5.9	270	12	7.9	0.00
28/02/2024 15:40	6.6	267	12	8.7	0.00
28/02/2024 15:50	5.8	267	15	7.9	0.00
28/02/2024 16:00	6.5	259	12	8.7	0.00
28/02/2024 16:10	6.5	261	12	8.1	0.00
28/02/2024 16:20	5.7	264	13	7.6	0.00
28/02/2024 16:30	6.0	272	13	7.8	0.00
28/02/2024 16:40	7.1	270	10	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 16:50	6.7	270	11	8.7	0.00
28/02/2024 17:00	6.2	267	11	8.3	0.00
28/02/2024 17:10	5.9	269	12	8.2	0.00
28/02/2024 17:20	6.2	268	10	8.2	0.00
28/02/2024 17:30	6.6	268	10	8.9	0.00
28/02/2024 17:40	6.6	269	10	8.3	0.00
28/02/2024 17:50	6.0	268	11	8.5	0.00
28/02/2024 18:00	6.3	268	10	8.4	0.00
28/02/2024 18:10	6.2	269	11	8.1	0.00
28/02/2024 18:20	5.9	269	12	7.5	0.00
28/02/2024 18:30	6.4	270	9	8.3	0.00
28/02/2024 18:40	6.3	269	9	8.0	0.00
28/02/2024 18:50	5.6	269	12	7.8	0.00
28/02/2024 19:00	5.3	270	10	6.9	0.00
28/02/2024 19:10	5.3	270	10	6.8	0.00
28/02/2024 19:20	5.1	269	10	7.0	0.00
28/02/2024 19:30	5.1	269	9	6.8	0.00
28/02/2024 19:40	5.3	268	10	7.1	0.00
28/02/2024 19:50	5.3	269	8	6.9	0.00
28/02/2024 20:00	4.9	271	10	6.5	0.00
28/02/2024 20:10	5.1	268	12	6.8	0.00
28/02/2024 20:20	4.6	276	13	6.1	0.00
28/02/2024 20:30	4.9	267	10	6.5	0.00
28/02/2024 20:40	4.1	266	11	5.4	0.00
28/02/2024 20:50	4.2	257	12	5.6	0.00
28/02/2024 21:00	4.6	264	11	6.2	0.00
28/02/2024 21:10	4.0	273	13	5.6	0.00
28/02/2024 21:20	4.3	273	12	5.7	0.00
28/02/2024 21:30	4.1	271	11	5.4	0.00
28/02/2024 21:40	4.8	269	10	6.2	0.00
28/02/2024 21:50	4.6	274	12	6.0	0.00
28/02/2024 22:00	4.8	269	12	6.4	0.00
28/02/2024 22:10	4.7	281	13	6.7	0.00
28/02/2024 22:20	4.8	273	12	6.5	0.00
28/02/2024 22:30	4.2	285	16	6.3	0.00
28/02/2024 22:40	3.9	292	16	5.3	0.00
28/02/2024 22:50	4.0	282	14	5.4	0.00
28/02/2024 23:00	3.7	291	16	5.2	0.00
28/02/2024 23:10	4.3	299	13	5.7	0.00
28/02/2024 23:20	4.0	300	13	5.6	0.00
28/02/2024 23:30	4.1	297	14	5.6	0.00
28/02/2024 23:40	4.0	298	13	5.6	0.00
28/02/2024 23:50	4.4	300	12	6.0	0.00
29/02/2024 00:00	3.6	293	16	5.6	0.00
29/02/2024 00:10	3.7	301	15	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 00:20	3.7	296	15	5.0	0.00
29/02/2024 00:30	4.0	298	11	5.5	0.00
29/02/2024 00:40	3.8	292	14	5.5	0.00
29/02/2024 00:50	3.7	283	14	5.4	0.00
29/02/2024 01:00	3.6	290	16	5.1	0.00
29/02/2024 01:10	3.3	288	15	5.2	0.00
29/02/2024 01:20	3.7	278	14	5.2	0.00
29/02/2024 01:30	3.8	276	12	5.0	0.00
29/02/2024 01:40	3.3	275	13	4.7	0.00
29/02/2024 01:50	3.8	278	12	4.9	0.00
29/02/2024 02:00	3.8	277	12	5.2	0.00
29/02/2024 02:10	4.1	274	13	5.7	0.00
29/02/2024 02:20	4.2	275	12	5.5	0.00
29/02/2024 02:30	4.1	279	13	5.6	0.00
29/02/2024 02:40	3.8	276	13	5.2	0.00
29/02/2024 02:50	3.6	275	12	4.9	0.00
29/02/2024 03:00	3.4	276	14	4.5	0.00
29/02/2024 03:10	3.3	274	12	4.5	0.00
29/02/2024 03:20	3.4	272	14	4.6	0.00
29/02/2024 03:30	2.9	271	13	4.1	0.00
29/02/2024 03:40	3.3	273	11	4.6	0.00
29/02/2024 03:50	3.4	271	11	4.8	0.00
29/02/2024 04:00	4.0	270	9	5.4	0.00
29/02/2024 04:10	4.9	267	9	6.1	0.00
29/02/2024 04:20	4.1	273	11	5.2	0.00
29/02/2024 04:30	4.1	274	10	5.5	0.00
29/02/2024 04:40	5.4	268	9	7.0	0.00
29/02/2024 04:50	5.3	270	9	7.2	0.00
29/02/2024 05:00	5.3	270	8	7.1	0.00
29/02/2024 05:10	4.3	272	11	5.6	0.00
29/02/2024 05:20	4.0	272	10	5.6	0.00
29/02/2024 05:30	4.8	270	9	6.2	0.00
29/02/2024 05:40	4.5	268	10	6.1	0.00
29/02/2024 05:50	4.7	266	10	6.2	0.00
29/02/2024 06:00	5.2	266	9	7.0	0.00
29/02/2024 06:10	5.2	268	10	6.7	0.00
29/02/2024 06:20	5.6	268	9	7.3	0.00
29/02/2024 06:30	4.8	263	12	6.8	0.00
29/02/2024 06:40	4.3	261	11	6.0	0.00
29/02/2024 06:50	4.7	264	11	6.2	0.00
29/02/2024 07:00	5.0	262	10	6.4	0.00
29/02/2024 07:10	4.9	265	11	6.8	0.00
29/02/2024 07:20	4.9	261	11	6.9	0.00
29/02/2024 07:30	5.3	260	11	7.4	0.00
29/02/2024 07:40	5.7	259	11	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 07:50	5.4	258	11	7.0	0.00
29/02/2024 08:00	4.9	267	12	6.4	0.00
29/02/2024 08:10	5.3	263	13	7.3	0.00
29/02/2024 08:20	5.5	269	11	7.0	0.00
29/02/2024 08:30	5.9	268	11	7.4	0.00
29/02/2024 08:40	5.4	266	11	7.0	0.00
29/02/2024 08:50	5.8	268	11	7.5	0.00
29/02/2024 09:00	5.2	272	13	6.8	0.00
29/02/2024 09:10	5.5	268	12	7.3	0.00
29/02/2024 09:20	4.9	267	11	6.9	0.00
29/02/2024 09:30	5.2	271	13	7.2	0.00
29/02/2024 09:40	5.4	265	12	6.6	0.00
29/02/2024 09:50	5.5	268	12	7.1	0.00
29/02/2024 10:00	5.5	263	14	7.0	0.00
29/02/2024 10:10	6.0	267	10	7.6	0.00
29/02/2024 10:20	5.4	267	12	7.5	0.00
29/02/2024 10:30	6.0	274	14	7.9	0.00
29/02/2024 10:40	6.2	269	12	8.5	0.00
29/02/2024 10:50	5.9	264	14	7.9	0.00
29/02/2024 11:00	5.8	273	14	8.0	0.00
29/02/2024 11:10	6.2	270	14	7.8	0.00
29/02/2024 11:20	6.6	272	13	8.3	0.00
29/02/2024 11:30	6.8	268	12	9.2	0.00
29/02/2024 11:40	6.8	272	14	8.4	0.00
29/02/2024 11:50	6.8	271	12	8.7	0.00
29/02/2024 12:00	6.3	269	14	8.1	0.00
29/02/2024 12:10	6.3	270	12	8.6	0.00
29/02/2024 12:20	7.0	269	11	9.0	0.00
29/02/2024 12:30	6.3	270	14	7.9	0.00
29/02/2024 12:40	7.1	268	12	8.9	0.00
29/02/2024 12:50	7.5	267	11	9.3	0.00
29/02/2024 13:00	7.2	270	10	9.3	0.00
29/02/2024 13:10	7.1	271	12	9.2	0.00
29/02/2024 13:20	6.7	273	13	9.5	0.00
29/02/2024 13:30	6.5	276	15	8.7	0.00
29/02/2024 13:40	7.0	268	12	8.7	0.00
29/02/2024 13:50	6.9	270	13	8.6	0.00
29/02/2024 14:00	6.8	270	15	9.1	0.00
29/02/2024 14:10	6.7	270	14	8.5	0.00
29/02/2024 14:20	7.2	271	12	9.1	0.00
29/02/2024 14:30	6.7	278	13	8.7	0.00
29/02/2024 14:40	6.7	274	13	8.4	0.00
29/02/2024 14:50	7.3	268	12	9.4	0.00
29/02/2024 15:00	6.7	269	12	8.5	0.00
29/02/2024 15:10	7.4	267	12	9.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 15:20	6.9	271	9	9.5	0.00
29/02/2024 15:30	7.1	271	13	9.1	0.00
29/02/2024 15:40	7.2	269	10	9.4	0.00
29/02/2024 15:50	6.7	267	13	8.8	0.00
29/02/2024 16:00	7.5	271	11	10.3	0.00
29/02/2024 16:10	7.5	269	11	9.3	0.00
29/02/2024 16:20	7.4	271	14	9.5	0.00
29/02/2024 16:30	6.9	269	12	9.1	0.00
29/02/2024 16:40	7.1	267	11	9.7	0.00
29/02/2024 16:50	6.9	265	12	9.1	0.00
29/02/2024 17:00	6.9	268	10	8.6	0.00
29/02/2024 17:10	6.9	268	11	8.7	0.00
29/02/2024 17:20	7.0	268	10	8.8	0.00
29/02/2024 17:30	6.3	266	10	7.8	0.00
29/02/2024 17:40	7.6	270	10	9.9	0.00
29/02/2024 17:50	8.3	271	9	10.3	0.00
29/02/2024 18:00	7.3	271	11	9.9	0.00
29/02/2024 18:10	6.9	274	12	9.0	0.00
29/02/2024 18:20	6.8	276	13	8.9	0.00
29/02/2024 18:30	6.2	275	12	8.1	0.00
29/02/2024 18:40	6.5	271	11	9.6	0.00
29/02/2024 18:50	7.2	271	12	9.5	0.00
29/02/2024 19:00	7.2	270	10	9.5	0.00
29/02/2024 19:10	7.1	272	10	9.5	0.00
29/02/2024 19:20	6.8	272	11	10.3	0.00
29/02/2024 19:30	7.7	267	11	9.6	0.00
29/02/2024 19:40	8.2	269	10	10.3	0.00
29/02/2024 19:50	7.1	271	10	9.5	0.00
29/02/2024 20:00	6.2	268	11	8.2	0.00
29/02/2024 20:10	6.3	268	11	8.5	0.00
29/02/2024 20:20	5.9	269	12	7.5	0.00
29/02/2024 20:30	6.4	268	9	8.8	0.00
29/02/2024 20:40	6.8	269	10	9.1	0.00
29/02/2024 20:50	6.4	270	9	8.1	0.00
29/02/2024 21:00	6.4	268	11	8.2	0.00
29/02/2024 21:10	6.1	267	10	8.4	0.00
29/02/2024 21:20	5.8	268	9	8.0	0.00
29/02/2024 21:30	6.6	269	9	8.7	0.00
29/02/2024 21:40	6.5	268	10	8.4	0.00
29/02/2024 21:50	6.0	268	10	7.9	0.00
29/02/2024 22:00	5.8	267	10	7.7	0.00
29/02/2024 22:10	5.9	265	10	8.1	0.00
29/02/2024 22:20	6.2	269	9	8.2	0.00
29/02/2024 22:30	6.2	262	11	8.7	0.00
29/02/2024 22:40	5.8	259	12	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 22:50	6.6	261	10	8.8	0.00
29/02/2024 23:00	6.8	260	11	9.3	0.00
29/02/2024 23:10	6.4	260	11	8.2	0.00
29/02/2024 23:20	5.9	259	10	7.5	0.00
29/02/2024 23:30	5.9	261	9	7.8	0.00
29/02/2024 23:40	5.6	259	11	7.2	0.00
29/02/2024 23:50	5.8	260	10	7.9	0.00
01/03/2024 00:00	5.3	264	11	7.5	0.00
01/03/2024 00:10	5.3	261	11	6.9	0.00
01/03/2024 00:20	6.1	262	9	7.9	0.00
01/03/2024 00:30	5.8	261	10	8.7	0.00
01/03/2024 00:40	6.1	261	11	8.0	0.00
01/03/2024 00:50	6.2	258	12	7.8	0.00
01/03/2024 01:00	5.8	258	11	7.9	0.00
01/03/2024 01:10	6.1	263	11	7.7	0.00
01/03/2024 01:20	5.9	258	11	8.3	0.00
01/03/2024 01:30	5.3	261	12	6.8	0.00
01/03/2024 01:40	5.6	257	12	7.5	0.00
01/03/2024 01:50	5.3	256	11	7.4	0.00
01/03/2024 02:00	4.9	258	11	6.5	0.00
01/03/2024 02:10	4.8	252	11	6.8	0.00
01/03/2024 02:20	5.8	261	12	7.6	0.00
01/03/2024 02:30	5.4	256	13	7.7	0.00
01/03/2024 02:40	5.0	256	12	7.1	0.00
01/03/2024 02:50	3.8	250	13	6.2	0.00
01/03/2024 03:00	4.4	255	11	6.0	0.00
01/03/2024 03:10	4.2	254	12	5.5	0.00
01/03/2024 03:20	4.2	245	15	5.7	0.00
01/03/2024 03:30	3.7	230	14	5.0	0.00
01/03/2024 03:40	3.4	245	12	4.8	0.00
01/03/2024 03:50	2.8	251	12	4.0	0.00
01/03/2024 04:00	3.6	256	12	5.2	0.00
01/03/2024 04:10	4.2	260	10	5.5	0.00
01/03/2024 04:20	4.6	259	10	5.7	0.00
01/03/2024 04:30	4.5	260	10	6.2	0.00
01/03/2024 04:40	3.8	262	11	6.4	0.00
01/03/2024 04:50	4.2	262	10	5.7	0.00
01/03/2024 05:00	4.5	266	9	6.0	0.00
01/03/2024 05:10	5.7	268	9	7.1	0.00
01/03/2024 05:20	6.0	267	9	7.8	0.00
01/03/2024 05:30	5.9	269	8	7.5	0.00
01/03/2024 05:40	5.3	267	10	7.1	0.00
01/03/2024 05:50	5.9	266	11	8.1	0.00
01/03/2024 06:00	6.5	269	8	8.1	0.00
01/03/2024 06:10	6.4	273	10	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 06:20	6.1	272	9	8.3	0.00
01/03/2024 06:30	6.5	271	10	8.9	0.00
01/03/2024 06:40	6.5	270	10	8.0	0.00
01/03/2024 06:50	6.4	265	10	8.3	0.00
01/03/2024 07:00	6.9	261	9	9.0	0.00
01/03/2024 07:10	5.8	263	9	7.2	0.00
01/03/2024 07:20	6.3	266	13	8.3	0.00
01/03/2024 07:30	5.7	264	10	7.8	0.00
01/03/2024 07:40	6.1	261	10	7.9	0.00
01/03/2024 07:50	5.7	264	11	7.6	0.00
01/03/2024 08:00	5.3	262	11	7.1	0.00
01/03/2024 08:10	5.1	261	13	6.8	0.00
01/03/2024 08:20	4.5	264	12	6.4	0.00
01/03/2024 08:30	5.7	264	12	7.6	0.00
01/03/2024 08:40	6.3	266	11	8.5	0.00
01/03/2024 08:50	7.0	265	11	9.6	0.00
01/03/2024 09:00	6.8	266	12	8.6	0.00
01/03/2024 09:10	7.3	267	10	8.9	0.00
01/03/2024 09:20	6.8	263	10	9.6	0.00
01/03/2024 09:30	7.5	265	9	10.1	0.00
01/03/2024 09:40	7.2	264	12	9.1	0.00
01/03/2024 09:50	7.2	269	11	9.8	0.00
01/03/2024 10:00	7.1	268	10	9.1	0.00
01/03/2024 10:10	7.2	268	11	9.3	0.00
01/03/2024 10:20	7.1	268	10	9.0	0.00
01/03/2024 10:30	6.8	266	11	8.8	0.00
01/03/2024 10:40	6.7	268	12	9.3	0.00
01/03/2024 10:50	7.1	267	11	9.1	0.00
01/03/2024 11:00	6.9	273	12	9.2	0.00
01/03/2024 11:10	7.7	267	11	10.1	0.00
01/03/2024 11:20	7.1	265	12	9.7	0.00
01/03/2024 11:30	7.0	262	13	9.0	0.00
01/03/2024 11:40	7.3	269	12	9.6	0.00
01/03/2024 11:50	7.5	269	12	10.0	0.00
01/03/2024 12:00	7.1	266	12	9.3	0.00
01/03/2024 12:10	7.6	274	12	10.1	0.00
01/03/2024 12:20	7.6	271	13	9.6	0.00
01/03/2024 12:30	7.5	272	11	9.5	0.00
01/03/2024 12:40	7.3	271	12	9.2	0.00
01/03/2024 12:50	6.8	271	12	8.6	0.00
01/03/2024 13:00	7.6	270	10	9.5	0.00
01/03/2024 13:10	6.9	267	11	9.0	0.00
01/03/2024 13:20	6.6	270	12	8.7	0.00
01/03/2024 13:30	6.7	270	12	9.1	0.00
01/03/2024 13:40	6.6	275	11	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 13:50	6.7	271	10	8.8	0.00
01/03/2024 14:00	6.8	268	14	8.5	0.00
01/03/2024 14:10	6.6	271	13	8.3	0.00
01/03/2024 14:20	7.2	269	11	9.1	0.00
01/03/2024 14:30	7.3	266	10	8.7	0.00
01/03/2024 14:40	6.2	271	15	8.2	0.00
01/03/2024 14:50	6.5	271	14	8.1	0.00
01/03/2024 15:00	6.2	279	16	9.0	0.00
01/03/2024 15:10	6.0	291	16	8.7	0.00
01/03/2024 15:20	6.6	305	11	8.6	0.00
01/03/2024 15:30	6.9	305	10	9.3	0.00
01/03/2024 15:40	6.6	292	14	9.0	0.00
01/03/2024 15:50	6.2	282	17	9.3	0.00
01/03/2024 16:00	7.6	269	13	10.2	0.00
01/03/2024 16:10	7.5	269	13	9.7	0.00
01/03/2024 16:20	6.9	273	12	9.5	0.00
01/03/2024 16:30	7.1	269	11	9.3	0.00
01/03/2024 16:40	6.4	273	13	8.8	0.00
01/03/2024 16:50	6.6	268	12	9.0	0.00
01/03/2024 17:00	6.4	269	9	8.7	0.00
01/03/2024 17:10	6.7	275	13	9.1	0.00
01/03/2024 17:20	6.7	276	14	9.2	0.00
01/03/2024 17:30	6.4	281	13	9.0	0.00
01/03/2024 17:40	6.2	273	14	8.0	0.00
01/03/2024 17:50	6.2	277	13	8.7	0.00
01/03/2024 18:00	6.0	273	12	8.1	0.00
01/03/2024 18:10	6.5	278	13	8.3	0.00
01/03/2024 18:20	6.2	282	12	8.9	0.00
01/03/2024 18:30	5.8	284	14	7.9	0.00
01/03/2024 18:40	5.5	280	13	7.7	0.00
01/03/2024 18:50	5.5	284	14	7.9	0.00
01/03/2024 19:00	7.0	273	11	9.4	0.00
01/03/2024 19:10	7.4	269	10	9.4	0.00
01/03/2024 19:20	6.6	271	11	9.5	0.00
01/03/2024 19:30	6.4	270	12	8.6	0.00
01/03/2024 19:40	5.9	277	13	8.7	0.00
01/03/2024 19:50	5.9	275	12	8.8	0.00
01/03/2024 20:00	6.6	270	10	8.8	0.00
01/03/2024 20:10	7.2	269	10	9.5	0.00
01/03/2024 20:20	6.9	273	11	9.1	0.00
01/03/2024 20:30	6.5	272	10	8.8	0.00
01/03/2024 20:40	6.3	270	11	8.7	0.00
01/03/2024 20:50	6.9	269	9	9.2	0.00
01/03/2024 21:00	7.3	271	10	9.1	0.00
01/03/2024 21:10	7.1	271	10	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 21:20	7.4	271	10	9.4	0.00
01/03/2024 21:30	6.6	270	10	9.0	0.00
01/03/2024 21:40	7.1	270	10	9.6	0.00
01/03/2024 21:50	6.6	274	11	9.3	0.00
01/03/2024 22:00	6.7	272	10	8.9	0.00
01/03/2024 22:10	6.5	271	9	8.6	0.00
01/03/2024 22:20	6.1	272	12	8.9	0.00
01/03/2024 22:30	6.5	273	11	8.9	0.00
01/03/2024 22:40	6.0	271	11	8.7	0.00
01/03/2024 22:50	6.7	271	8	8.7	0.00
01/03/2024 23:00	6.4	271	10	8.3	0.00
01/03/2024 23:10	5.8	274	12	7.9	0.00
01/03/2024 23:20	6.4	272	10	8.3	0.00
01/03/2024 23:30	6.5	268	11	8.6	0.00
01/03/2024 23:40	6.3	271	9	8.5	0.00
01/03/2024 23:50	6.2	273	10	8.3	0.00
02/03/2024 00:00	5.6	272	11	8.0	0.00
02/03/2024 00:10	5.7	270	10	7.9	0.00
02/03/2024 00:20	5.6	269	11	7.5	0.00
02/03/2024 00:30	5.9	268	8	8.1	0.00
02/03/2024 00:40	6.9	267	10	9.2	0.00
02/03/2024 00:50	5.6	273	11	7.4	0.00
02/03/2024 01:00	5.6	272	11	8.1	0.00
02/03/2024 01:10	6.7	268	10	9.0	0.00
02/03/2024 01:20	6.2	269	9	7.6	0.00
02/03/2024 01:30	7.3	270	9	9.7	0.00
02/03/2024 01:40	6.8	269	10	9.1	0.00
02/03/2024 01:50	6.4	269	11	8.3	0.00
02/03/2024 02:00	6.8	270	9	9.0	0.00
02/03/2024 02:10	6.9	271	8	9.0	0.00
02/03/2024 02:20	7.0	270	10	8.8	0.00
02/03/2024 02:30	7.1	270	8	9.3	0.00
02/03/2024 02:40	6.9	269	10	8.9	0.00
02/03/2024 02:50	6.6	268	10	8.1	0.00
02/03/2024 03:00	7.1	270	10	9.5	0.00
02/03/2024 03:10	7.1	269	9	9.4	0.00
02/03/2024 03:20	7.1	268	9	10.1	0.00
02/03/2024 03:30	7.2	267	10	9.2	0.00
02/03/2024 03:40	6.8	268	11	8.9	0.00
02/03/2024 03:50	6.8	267	10	9.1	0.00
02/03/2024 04:00	6.8	268	10	8.9	0.00
02/03/2024 04:10	6.7	269	9	9.1	0.00
02/03/2024 04:20	6.5	266	11	8.6	0.00
02/03/2024 04:30	7.2	267	11	9.3	0.00
02/03/2024 04:40	6.7	266	9	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 04:50	6.2	265	10	8.6	0.00
02/03/2024 05:00	6.6	267	11	8.7	0.00
02/03/2024 05:10	6.5	265	11	9.1	0.00
02/03/2024 05:20	6.2	269	9	9.1	0.00
02/03/2024 05:30	5.9	263	10	8.6	0.00
02/03/2024 05:40	6.4	266	10	8.6	0.00
02/03/2024 05:50	6.1	267	11	7.9	0.00
02/03/2024 06:00	6.5	267	11	8.5	0.00
02/03/2024 06:10	6.5	266	11	8.8	0.00
02/03/2024 06:20	5.8	268	10	7.5	0.00
02/03/2024 06:30	6.7	262	10	8.7	0.00
02/03/2024 06:40	6.4	266	11	8.2	0.00
02/03/2024 06:50	6.2	262	11	8.7	0.00
02/03/2024 07:00	5.5	257	12	7.2	0.00
02/03/2024 07:10	4.8	261	14	6.4	0.00
02/03/2024 07:20	4.6	254	13	6.4	0.00
02/03/2024 07:30	4.9	245	14	6.5	0.00
02/03/2024 07:40	4.0	238	18	5.9	0.00
02/03/2024 07:50	4.6	238	17	6.6	0.00
02/03/2024 08:00	4.8	250	14	6.8	0.00
02/03/2024 08:10	4.9	246	12	6.7	0.00
02/03/2024 08:20	4.9	258	12	6.4	0.00
02/03/2024 08:30	4.8	258	13	6.4	0.00
02/03/2024 08:40	4.9	262	12	6.3	0.00
02/03/2024 08:50	4.8	264	12	6.2	0.00
02/03/2024 09:00	4.5	269	13	6.0	0.00
02/03/2024 09:10	4.2	260	15	5.6	0.00
02/03/2024 09:20	4.1	262	14	5.6	0.00
02/03/2024 09:30	3.7	267	17	5.2	0.00
02/03/2024 09:40	3.7	273	17	4.8	0.00
02/03/2024 09:50	3.3	275	19	4.4	0.00
02/03/2024 10:00	3.2	269	17	4.5	0.00
02/03/2024 10:10	3.7	261	19	4.8	0.00
02/03/2024 10:20	2.9	192	62	4.8	0.00
02/03/2024 10:30	1.3	89	71	3.2	0.00
02/03/2024 10:40	2.7	105	16	4.2	0.00
02/03/2024 10:50	2.3	92	16	4.1	0.00
02/03/2024 11:00	2.0	228	31	4.0	0.00
02/03/2024 11:10	2.4	271	26	3.9	0.00
02/03/2024 11:20	2.3	161	64	4.0	0.00
02/03/2024 11:30	3.7	318	28	6.2	0.00
02/03/2024 11:40	4.9	303	16	7.5	0.00
02/03/2024 11:50	3.8	294	17	5.4	0.00
02/03/2024 12:00	3.5	312	17	4.9	0.00
02/03/2024 12:10	3.9	315	20	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 12:20	5.2	306	11	6.8	0.00
02/03/2024 12:30	5.1	309	15	7.0	0.00
02/03/2024 12:40	5.3	309	18	7.2	0.00
02/03/2024 12:50	5.2	311	15	7.1	0.00
02/03/2024 13:00	5.3	310	17	7.9	0.00
02/03/2024 13:10	6.4	301	12	8.4	0.00
02/03/2024 13:20	6.1	302	13	8.0	0.00
02/03/2024 13:30	6.0	294	13	8.3	0.00
02/03/2024 13:40	6.9	301	13	9.1	0.00
02/03/2024 13:50	6.9	300	14	9.3	0.00
02/03/2024 14:00	6.7	300	14	9.1	0.00
02/03/2024 14:10	6.2	301	13	8.8	0.00
02/03/2024 14:20	6.1	301	14	8.3	0.00
02/03/2024 14:30	6.4	301	13	8.8	0.00
02/03/2024 14:40	6.0	299	14	8.3	0.00
02/03/2024 14:50	6.1	305	12	9.2	0.00
02/03/2024 15:00	6.7	301	13	8.7	0.00
02/03/2024 15:10	7.1	274	14	9.9	0.00
02/03/2024 15:20	6.7	262	12	9.9	0.00
02/03/2024 15:30	6.4	264	13	9.0	0.00
02/03/2024 15:40	6.1	260	13	8.9	0.00
02/03/2024 15:50	6.5	259	12	8.4	0.00
02/03/2024 16:00	6.4	270	12	8.1	0.00
02/03/2024 16:10	5.4	269	13	7.6	0.00
02/03/2024 16:20	5.5	265	15	7.5	0.00
02/03/2024 16:30	5.7	268	14	7.9	0.00
02/03/2024 16:40	6.0	271	13	8.3	0.00
02/03/2024 16:50	6.5	269	12	8.1	0.00
02/03/2024 17:00	6.3	268	10	8.7	0.00
02/03/2024 17:10	6.7	270	11	9.5	0.00
02/03/2024 17:20	5.6	273	13	7.9	0.00
02/03/2024 17:30	5.3	284	17	7.1	0.00
02/03/2024 17:40	5.6	296	13	8.2	0.00
02/03/2024 17:50	5.9	297	13	8.0	0.00
02/03/2024 18:00	5.8	297	13	8.3	0.00
02/03/2024 18:10	5.5	294	15	7.9	0.00
02/03/2024 18:20	5.0	290	15	7.0	0.00
02/03/2024 18:30	5.8	288	16	7.9	0.00
02/03/2024 18:40	5.3	275	14	7.5	0.00
02/03/2024 18:50	5.1	273	13	6.8	0.00
02/03/2024 19:00	5.9	281	13	8.7	0.00
02/03/2024 19:10	5.5	282	15	7.5	0.00
02/03/2024 19:20	4.9	279	14	6.6	0.00
02/03/2024 19:30	5.6	271	11	7.5	0.00
02/03/2024 19:40	6.0	271	11	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 19:50	5.6	274	13	7.5	0.00
02/03/2024 20:00	5.8	271	13	8.0	0.00
02/03/2024 20:10	6.2	270	10	8.4	0.00
02/03/2024 20:20	6.1	268	11	7.9	0.00
02/03/2024 20:30	5.6	271	11	7.7	0.00
02/03/2024 20:40	5.6	268	9	7.4	0.00
02/03/2024 20:50	5.2	267	12	6.8	0.00
02/03/2024 21:00	5.2	269	12	6.9	0.00
02/03/2024 21:10	5.0	272	13	7.1	0.00
02/03/2024 21:20	5.1	270	10	7.0	0.00
02/03/2024 21:30	5.2	267	10	7.2	0.00
02/03/2024 21:40	5.0	268	9	6.8	0.00
02/03/2024 21:50	4.7	270	13	6.5	0.00
02/03/2024 22:00	4.6	269	11	6.6	0.00
02/03/2024 22:10	4.7	269	12	6.4	0.00
02/03/2024 22:20	4.9	268	10	6.4	0.00
02/03/2024 22:30	4.8	269	11	6.5	0.00
02/03/2024 22:40	4.4	275	13	6.0	0.00
02/03/2024 22:50	4.4	274	13	6.0	0.00
02/03/2024 23:00	4.3	275	13	6.0	0.00
02/03/2024 23:10	4.4	273	14	6.0	0.00
02/03/2024 23:20	4.3	275	13	5.8	0.00
02/03/2024 23:30	3.6	273	13	4.9	0.00
02/03/2024 23:40	3.3	291	15	4.8	0.00
02/03/2024 23:50	3.5	281	16	5.0	0.00
03/03/2024 00:00	3.9	282	15	5.2	0.00
03/03/2024 00:10	3.7	277	10	4.9	0.00
03/03/2024 00:20	3.8	279	13	5.2	0.00
03/03/2024 00:30	3.8	281	14	4.9	0.00
03/03/2024 00:40	3.6	291	15	5.4	0.00
03/03/2024 00:50	3.9	280	12	5.2	0.00
03/03/2024 01:00	4.0	279	13	5.9	0.00
03/03/2024 01:10	3.8	274	13	5.2	0.00
03/03/2024 01:20	3.8	281	14	5.6	0.00
03/03/2024 01:30	4.2	276	13	5.8	0.00
03/03/2024 01:40	4.2	277	14	6.0	0.00
03/03/2024 01:50	4.1	279	13	5.6	0.00
03/03/2024 02:00	4.1	278	14	5.7	0.00
03/03/2024 02:10	3.8	290	16	5.6	0.00
03/03/2024 02:20	4.0	278	13	5.2	0.00
03/03/2024 02:30	3.5	278	13	4.8	0.00
03/03/2024 02:40	3.4	277	13	5.2	0.00
03/03/2024 02:50	3.7	277	14	5.2	0.00
03/03/2024 03:00	3.6	280	14	4.8	0.00
03/03/2024 03:10	4.0	275	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 03:20	4.5	277	15	6.2	0.00
03/03/2024 03:30	4.1	278	14	5.7	0.00
03/03/2024 03:40	3.9	279	14	5.4	0.00
03/03/2024 03:50	4.1	279	12	5.6	0.00
03/03/2024 04:00	4.1	273	12	5.4	0.00
03/03/2024 04:10	3.8	279	14	5.1	0.00
03/03/2024 04:20	3.9	279	14	4.9	0.00
03/03/2024 04:30	3.2	285	15	4.8	0.00
03/03/2024 04:40	2.7	282	16	4.1	0.00
03/03/2024 04:50	3.3	285	17	4.5	0.00
03/03/2024 05:00	3.3	285	15	4.5	0.00
03/03/2024 05:10	2.9	287	17	4.2	0.00
03/03/2024 05:20	3.2	287	14	4.8	0.00
03/03/2024 05:30	2.9	282	15	4.0	0.00
03/03/2024 05:40	3.1	289	16	4.3	0.00
03/03/2024 05:50	3.1	298	13	4.2	0.00
03/03/2024 06:00	3.3	282	13	4.4	0.00
03/03/2024 06:10	3.1	280	13	4.0	0.00
03/03/2024 06:20	3.6	281	12	4.7	0.00
03/03/2024 06:30	3.2	279	13	4.8	0.00
03/03/2024 06:40	4.1	271	10	5.8	0.00
03/03/2024 06:50	4.5	269	9	6.0	0.00
03/03/2024 07:00	4.5	270	9	5.8	0.00
03/03/2024 07:10	4.2	274	12	5.9	0.00
03/03/2024 07:20	4.5	271	11	6.0	0.00
03/03/2024 07:30	4.8	272	11	6.1	0.00
03/03/2024 07:40	4.8	269	10	6.6	0.00
03/03/2024 07:50	4.7	270	11	6.5	0.00
03/03/2024 08:00	4.5	267	12	5.9	0.00
03/03/2024 08:10	4.1	274	12	5.8	0.00
03/03/2024 08:20	4.6	270	13	6.2	0.00
03/03/2024 08:30	4.5	271	11	6.3	0.00
03/03/2024 08:40	4.6	267	11	6.3	0.00
03/03/2024 08:50	4.3	270	16	6.2	0.00
03/03/2024 09:00	4.3	265	12	5.6	0.00
03/03/2024 09:10	4.5	259	12	6.0	0.00
03/03/2024 09:20	4.6	269	16	6.2	0.00
03/03/2024 09:30	4.8	260	12	6.8	0.00
03/03/2024 09:40	5.2	265	12	7.0	0.00
03/03/2024 09:50	4.9	275	14	6.2	0.00
03/03/2024 10:00	5.0	266	12	7.0	0.00
03/03/2024 10:10	5.2	259	14	6.9	0.00
03/03/2024 10:20	4.9	262	12	6.4	0.00
03/03/2024 10:30	5.0	260	13	6.4	0.00
03/03/2024 10:40	4.4	265	15	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 10:50	4.1	274	18	5.9	0.00
03/03/2024 11:00	4.5	276	15	6.4	0.00
03/03/2024 11:10	4.4	267	13	5.7	0.00
03/03/2024 11:20	5.2	266	12	7.0	0.00
03/03/2024 11:30	5.0	272	14	6.8	0.00
03/03/2024 11:40	5.2	268	12	7.0	0.00
03/03/2024 11:50	5.4	265	14	7.3	0.00
03/03/2024 12:00	5.5	266	14	7.5	0.00
03/03/2024 12:10	5.6	280	15	7.7	0.00
03/03/2024 12:20	5.7	274	17	7.5	0.00
03/03/2024 12:30	4.7	276	18	6.8	0.00
03/03/2024 12:40	5.0	277	20	7.5	0.00
03/03/2024 12:50	5.4	283	16	7.4	0.00
03/03/2024 13:00	4.7	281	15	6.4	0.00
03/03/2024 13:10	5.9	267	13	8.1	0.00
03/03/2024 13:20	5.5	268	15	7.5	0.00
03/03/2024 13:30	5.5	267	13	7.5	0.00
03/03/2024 13:40	5.2	271	17	7.0	0.00
03/03/2024 13:50	5.3	298	17	7.2	0.00
03/03/2024 14:00	5.4	301	12	6.8	0.00
03/03/2024 14:10	5.0	305	13	6.8	0.00
03/03/2024 14:20	4.7	304	17	6.2	0.00
03/03/2024 14:30	5.0	283	18	7.3	0.00
03/03/2024 14:40	5.8	273	13	7.5	0.00
03/03/2024 14:50	5.3	273	14	7.3	0.00
03/03/2024 15:00	5.1	293	16	7.1	0.00
03/03/2024 15:10	6.0	299	14	7.8	0.00
03/03/2024 15:20	5.5	302	13	8.0	0.00
03/03/2024 15:30	5.9	296	14	7.9	0.00
03/03/2024 15:40	6.1	299	13	8.2	0.00
03/03/2024 15:50	6.1	296	14	8.6	0.00
03/03/2024 16:00	5.9	298	14	8.1	0.00
03/03/2024 16:10	6.3	303	12	8.3	0.00
03/03/2024 16:20	5.5	301	13	7.7	0.00
03/03/2024 16:30	5.6	301	15	7.9	0.00
03/03/2024 16:40	6.1	299	13	8.6	0.00
03/03/2024 16:50	6.3	299	13	8.8	0.00
03/03/2024 17:00	5.9	299	12	8.3	0.00
03/03/2024 17:10	5.5	302	16	7.2	0.00
03/03/2024 17:20	5.7	300	14	8.6	0.00
03/03/2024 17:30	5.6	304	12	7.8	0.00
03/03/2024 17:40	6.1	299	12	7.8	0.00
03/03/2024 17:50	5.8	304	13	8.2	0.00
03/03/2024 18:00	5.4	299	14	7.0	0.00
03/03/2024 18:10	4.7	288	15	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 18:20	5.0	276	14	6.5	0.00
03/03/2024 18:30	4.8	273	12	6.7	0.00
03/03/2024 18:40	5.3	262	11	6.9	0.00
03/03/2024 18:50	5.3	266	10	7.5	0.00
03/03/2024 19:00	4.9	268	10	6.4	0.00
03/03/2024 19:10	5.0	268	9	6.2	0.00
03/03/2024 19:20	4.2	265	14	5.4	0.00
03/03/2024 19:30	3.0	248	15	4.0	0.00
03/03/2024 19:40	2.7	258	16	3.6	0.00
03/03/2024 19:50	1.7	285	21	2.8	0.00
03/03/2024 20:00	1.8	288	18	2.4	0.00
03/03/2024 20:10	2.0	299	13	3.0	0.00
03/03/2024 20:20	2.0	329	22	2.8	0.00
03/03/2024 20:30	2.7	313	13	3.9	0.00
03/03/2024 20:40	3.4	304	11	4.5	0.00
03/03/2024 20:50	3.4	308	11	4.6	0.00
03/03/2024 21:00	4.2	307	11	5.6	0.00
03/03/2024 21:10	5.0	305	8	6.4	0.00
03/03/2024 21:20	4.0	303	14	5.6	0.00
03/03/2024 21:30	3.8	299	13	5.0	0.20
03/03/2024 21:40	4.4	298	14	5.8	0.10
03/03/2024 21:50	3.6	294	14	5.3	0.20
03/03/2024 22:00	3.6	297	15	5.1	0.10
03/03/2024 22:10	2.6	299	14	4.0	0.00
03/03/2024 22:20	3.2	293	15	4.4	0.00
03/03/2024 22:30	2.1	287	20	3.4	0.00
03/03/2024 22:40	2.4	288	12	3.2	0.00
03/03/2024 22:50	2.5	280	15	3.7	0.00
03/03/2024 23:00	2.7	294	13	3.9	0.00
03/03/2024 23:10	2.8	305	15	3.9	0.00
03/03/2024 23:20	3.2	296	15	4.7	0.00
03/03/2024 23:30	3.0	282	17	4.2	0.00
03/03/2024 23:40	3.7	289	15	5.4	0.10
03/03/2024 23:50	4.1	285	15	5.7	0.00
04/03/2024 00:00	3.8	275	12	5.3	0.00
04/03/2024 00:10	4.2	277	13	5.6	0.00
04/03/2024 00:20	4.2	272	10	5.6	0.00
04/03/2024 00:30	3.9	270	11	5.1	0.00
04/03/2024 00:40	3.6	273	14	4.9	0.00
04/03/2024 00:50	2.5	290	16	4.0	0.00
04/03/2024 01:00	2.9	286	15	4.5	0.00
04/03/2024 01:10	3.0	277	13	4.0	0.00
04/03/2024 01:20	2.8	274	12	3.5	0.00
04/03/2024 01:30	2.7	273	10	3.9	0.00
04/03/2024 01:40	2.5	266	11	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 01:50	2.8	271	11	3.6	0.00
04/03/2024 02:00	3.1	262	10	4.1	0.00
04/03/2024 02:10	3.3	269	10	4.4	0.00
04/03/2024 02:20	2.9	267	13	3.8	0.00
04/03/2024 02:30	1.7	270	14	2.7	0.00
04/03/2024 02:40	1.3	255	17	2.5	0.00
04/03/2024 02:50	0.9	263	8	1.9	0.00
04/03/2024 03:00	0.7	298	12	1.7	0.00
04/03/2024 03:10	0.7	266	13	1.4	0.00
04/03/2024 03:20	0.0	263	1	0.6	0.00
04/03/2024 03:30	1.2	306	9	2.1	0.00
04/03/2024 03:40	2.1	305	13	3.1	0.00
04/03/2024 03:50	2.0	306	14	3.1	0.00
04/03/2024 04:00	2.6	309	20	3.8	0.00
04/03/2024 04:10	2.2	321	22	3.5	0.00
04/03/2024 04:20	4.3	299	14	6.1	0.00
04/03/2024 04:30	4.6	305	11	6.1	0.00
04/03/2024 04:40	4.6	303	11	6.1	0.00
04/03/2024 04:50	2.9	280	17	4.1	0.00
04/03/2024 05:00	2.2	297	14	3.5	0.00
04/03/2024 05:10	1.3	263	22	2.0	0.00
04/03/2024 05:20	1.2	260	14	1.9	0.00
04/03/2024 05:30					0.00
04/03/2024 05:40					0.00
04/03/2024 05:50	0.5	138	9	1.2	0.00
04/03/2024 06:00	0.4	161	9	1.4	0.00
04/03/2024 06:10	0.7	209	15	1.3	0.00
04/03/2024 06:20	0.7	162	19	2.0	0.00
04/03/2024 06:30	0.1	42	3	0.7	0.00
04/03/2024 06:40	0.6	33	13	1.6	0.00
04/03/2024 06:50	0.8	142	23	1.8	0.00
04/03/2024 07:00	1.5	170	53	2.4	0.00
04/03/2024 07:10	1.7	301	18	3.6	0.00
04/03/2024 07:20	3.2	327	17	4.6	0.00
04/03/2024 07:30	2.9	320	22	5.3	0.00
04/03/2024 07:40	3.6	312	14	5.6	0.00
04/03/2024 07:50	3.9	303	13	5.4	0.00
04/03/2024 08:00	3.7	295	13	5.2	0.00
04/03/2024 08:10	3.4	285	19	4.9	0.00
04/03/2024 08:20	2.8	288	22	4.0	0.00
04/03/2024 08:30	2.6	276	23	4.4	0.00
04/03/2024 08:40	2.6	267	15	4.4	0.00
04/03/2024 08:50	2.5	282	21	3.6	0.00
04/03/2024 09:00	2.4	257	17	3.6	0.00
04/03/2024 09:10	2.5	249	22	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 09:20	2.5	260	19	4.1	0.00
04/03/2024 09:30	2.2	256	20	3.5	0.00
04/03/2024 09:40	2.2	258	21	3.6	0.00
04/03/2024 09:50	1.9	242	22	3.2	0.00
04/03/2024 10:00	1.4	214	30	2.8	0.00
04/03/2024 10:10	2.2	259	20	3.7	0.00
04/03/2024 10:20	2.9	310	15	4.3	0.00
04/03/2024 10:30	2.2	316	28	4.2	0.00
04/03/2024 10:40	2.8	304	15	3.8	0.00
04/03/2024 10:50	2.0	315	32	3.7	0.00
04/03/2024 11:00	1.9	32	32	3.1	0.00
04/03/2024 11:10	2.5	188	34	4.1	0.00
04/03/2024 11:20	4.0	305	15	5.9	0.00
04/03/2024 11:30	3.8	304	12	5.2	0.00
04/03/2024 11:40	3.4	301	17	4.8	0.00
04/03/2024 11:50	3.8	313	19	5.7	0.00
04/03/2024 12:00	3.7	308	21	5.1	0.00
04/03/2024 12:10	2.5	333	32	4.9	0.00
04/03/2024 12:20	3.4	179	21	5.0	0.00
04/03/2024 12:30	2.9	7	26	4.5	0.00
04/03/2024 12:40	3.0	0	24	4.4	0.00
04/03/2024 12:50	3.2	185	23	5.0	0.00
04/03/2024 13:00	3.4	1	21	5.1	0.00
04/03/2024 13:10	3.4	188	21	4.7	0.00
04/03/2024 13:20	3.1	179	27	5.0	0.00
04/03/2024 13:30	3.7	184	17	5.3	0.00
04/03/2024 13:40	3.7	12	19	5.2	0.00
04/03/2024 13:50	3.7	183	22	5.7	0.00
04/03/2024 14:00	3.9	9	20	5.8	0.00
04/03/2024 14:10	4.0	5	17	6.0	0.00
04/03/2024 14:20	3.9	177	27	6.0	0.00
04/03/2024 14:30	5.0	345	23	7.4	0.00
04/03/2024 14:40	4.8	174	24	7.2	0.00
04/03/2024 14:50	4.5	188	24	7.2	0.00
04/03/2024 15:00	4.6	18	21	7.0	0.00
04/03/2024 15:10	4.0	10	23	6.3	0.00
04/03/2024 15:20	4.1	182	31	6.6	0.00
04/03/2024 15:30	4.3	344	21	7.2	0.00
04/03/2024 15:40	4.0	186	25	7.0	0.00
04/03/2024 15:50	4.0	351	26	6.6	0.00
04/03/2024 16:00	4.1	181	24	6.4	0.00
04/03/2024 16:10	4.0	6	26	6.4	0.00
04/03/2024 16:20	4.5	8	22	6.5	0.00
04/03/2024 16:30	4.5	356	22	7.2	0.00
04/03/2024 16:40	4.6	355	26	7.1	0.00



Yara Pilbara Nitrates- Burrup Road
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 16:50	4.5	352	22	7.2	0.00
04/03/2024 17:00	4.4	353	21	7.0	0.00
04/03/2024 17:10	4.3	176	22	6.5	0.00
04/03/2024 17:20	4.3	14	18	6.1	0.00
04/03/2024 17:30	4.4	185	20	6.6	0.00
04/03/2024 17:40	4.7	179	22	7.4	0.00
04/03/2024 17:50	4.3	346	22	6.5	0.00
04/03/2024 18:00	4.3	334	26	7.2	0.00
04/03/2024 18:10	3.8	331	25	6.7	0.00
04/03/2024 18:20	4.8	312	13	8.1	0.00
04/03/2024 18:30	5.0	304	12	7.2	0.00
04/03/2024 18:40	4.9	303	11	6.8	0.00
04/03/2024 18:50	4.4	286	17	6.4	0.00
04/03/2024 19:00	3.9	295	15	5.4	0.00
04/03/2024 19:10	3.5	285	17	4.7	0.00
04/03/2024 19:20	3.8	276	14	5.3	0.00
04/03/2024 19:30	3.8	292	15	5.5	0.00
04/03/2024 19:40	3.4	298	16	4.9	0.00
04/03/2024 19:50	2.2	289	19	4.1	0.00
04/03/2024 20:00	2.3	274	16	3.7	0.00
04/03/2024 20:10	1.9	264	17	2.8	0.00
04/03/2024 20:20	2.0	211	29	3.3	1.60
04/03/2024 20:30	3.9	131	13	6.2	2.50
04/03/2024 20:40	4.4	126	13	6.2	7.30
04/03/2024 20:50	4.5	77	11	7.6	7.30
04/03/2024 21:00	6.1	82	13	8.8	1.50
04/03/2024 21:10	4.7	93	13	7.2	0.20
04/03/2024 21:20	4.5	105	13	7.2	0.20
04/03/2024 21:30	4.7	90	13	6.5	1.90
04/03/2024 21:40	3.3	72	13	4.5	0.90
04/03/2024 21:50	2.8	63	11	3.8	0.30
04/03/2024 22:00	2.8	66	10	3.6	0.20
04/03/2024 22:10	2.8	80	9	4.1	0.00
04/03/2024 22:20	4.0	92	11	5.6	0.00
04/03/2024 22:30	3.6	91	9	4.9	0.00
04/03/2024 22:40	2.6	84	10	3.5	0.00
04/03/2024 22:50	2.2	74	10	2.9	0.00
04/03/2024 23:00	1.9	70	10	2.8	0.00
04/03/2024 23:10	2.3	51	12	3.2	0.00
04/03/2024 23:20	2.1	89	11	3.1	0.00
04/03/2024 23:30	1.9	92	13	2.8	0.00
04/03/2024 23:40	1.6	65	12	2.2	0.00
04/03/2024 23:50	1.0	52	14	2.0	0.00
05/03/2024 00:00	0.2	46	4	0.9	0.00
05/03/2024 00:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 00:20	1.4	103	9	2.0	0.00
05/03/2024 00:30	1.4	94	11	2.3	0.00
05/03/2024 00:40	1.5	94	10	2.0	0.00
05/03/2024 00:50	0.6	73	6	1.6	0.00
05/03/2024 01:00					0.00
05/03/2024 01:10	0.1	127	1	0.9	0.00
05/03/2024 01:20	0.4	176	9	1.1	0.00
05/03/2024 01:30	0.4	302	5	1.6	0.00
05/03/2024 01:40	0.5	274	6	1.0	0.00
05/03/2024 01:50					0.00
05/03/2024 02:00					0.00
05/03/2024 02:10					0.00
05/03/2024 02:20					0.00
05/03/2024 02:30					0.00
05/03/2024 02:40					0.00
05/03/2024 02:50					0.00
05/03/2024 03:00					0.00
05/03/2024 03:10					0.00
05/03/2024 03:20	1.0	261	8	1.7	0.00
05/03/2024 03:30	0.3	276	3	1.0	0.00
05/03/2024 03:40					0.00
05/03/2024 03:50	0.0	218	1	0.4	0.00
05/03/2024 04:00					0.00
05/03/2024 04:10	0.5	252	10	1.1	0.00
05/03/2024 04:20	0.2	270	3	1.1	0.00
05/03/2024 04:30					0.00
05/03/2024 04:40					0.00
05/03/2024 04:50	0.0	216	2	0.6	0.00
05/03/2024 05:00					0.00
05/03/2024 05:10					0.00
05/03/2024 05:20					0.00
05/03/2024 05:30					0.00
05/03/2024 05:40					0.00
05/03/2024 05:50					0.00
05/03/2024 06:00	0.3	218	8	2.4	0.00
05/03/2024 06:10	2.1	227	14	3.1	0.00
05/03/2024 06:20	1.2	226	19	2.1	0.00
05/03/2024 06:30	0.1	196	15	0.7	0.00
05/03/2024 06:40	1.3	219	27	2.3	0.00
05/03/2024 06:50	2.1	237	13	2.9	0.00
05/03/2024 07:00	2.3	246	11	3.1	0.00
05/03/2024 07:10	2.6	240	13	3.7	0.00
05/03/2024 07:20	2.1	237	12	3.4	0.00
05/03/2024 07:30	1.7	234	17	3.0	0.00
05/03/2024 07:40	2.5	230	13	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 07:50	2.4	245	15	3.2	0.00
05/03/2024 08:00	2.5	235	16	4.0	0.00
05/03/2024 08:10	2.9	232	17	4.3	0.00
05/03/2024 08:20	2.8	229	13	4.0	0.00
05/03/2024 08:30	2.7	237	17	3.7	0.00
05/03/2024 08:40	2.4	232	18	3.6	0.00
05/03/2024 08:50	1.4	226	36	2.9	0.00
05/03/2024 09:00	0.4	204	11	2.0	0.00
05/03/2024 09:10	1.1	202	34	3.2	0.00
05/03/2024 09:20	1.2	192	45	2.3	0.00
05/03/2024 09:30	0.7	201	35	1.9	0.00
05/03/2024 09:40	1.3	172	51	2.5	0.00
05/03/2024 09:50	1.2	135	17	2.4	0.00
05/03/2024 10:00	1.2	140	33	2.3	0.00
05/03/2024 10:10	0.9	148	30	2.4	0.00
05/03/2024 10:20	2.7	105	21	4.1	0.00
05/03/2024 10:30	3.2	97	21	4.8	0.00
05/03/2024 10:40	2.3	95	34	3.9	0.00
05/03/2024 10:50	2.5	76	21	3.7	0.00
05/03/2024 11:00	2.6	85	19	4.1	0.00
05/03/2024 11:10	2.6	71	26	4.0	0.00
05/03/2024 11:20	2.1	57	40	4.3	0.00
05/03/2024 11:30	2.7	89	23	4.2	0.00
05/03/2024 11:40	2.7	77	22	4.0	0.00
05/03/2024 11:50	1.1	36	70	2.0	0.00
05/03/2024 12:00	2.3	339	50	4.3	0.00
05/03/2024 12:10	2.9	173	27	4.4	0.00
05/03/2024 12:20	2.9	171	22	4.3	0.00
05/03/2024 12:30	3.0	177	22	4.7	0.00
05/03/2024 12:40	2.9	172	28	4.6	0.00
05/03/2024 12:50	2.8	189	28	4.5	0.00
05/03/2024 13:00	3.1	176	25	4.9	0.00
05/03/2024 13:10	3.3	177	27	4.9	0.00
05/03/2024 13:20	3.1	341	24	5.2	0.00
05/03/2024 13:30	3.1	345	25	4.8	0.00
05/03/2024 13:40	3.4	7	24	5.1	0.00
05/03/2024 13:50	3.3	11	24	4.8	0.00
05/03/2024 14:00	3.4	10	22	5.1	0.00
05/03/2024 14:10	3.6	179	25	5.4	0.00
05/03/2024 14:20	3.6	179	16	5.2	0.00
05/03/2024 14:30	3.8	350	22	6.2	0.00
05/03/2024 14:40	3.6	345	20	6.0	0.00
05/03/2024 14:50	3.8	343	19	5.1	0.00
05/03/2024 15:00	3.9	175	22	6.1	0.00
05/03/2024 15:10	3.7	180	25	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 15:20	3.6	6	23	6.1	0.00
05/03/2024 15:30	3.8	4	26	5.8	0.00
05/03/2024 15:40	3.5	17	24	5.3	0.00
05/03/2024 15:50	3.3	6	23	5.3	0.00
05/03/2024 16:00	3.6	351	25	5.7	0.00
05/03/2024 16:10	4.0	339	21	6.3	0.00
05/03/2024 16:20	4.2	351	22	6.4	0.00
05/03/2024 16:30	4.1	349	19	6.4	0.00
05/03/2024 16:40	3.8	350	21	5.6	0.00
05/03/2024 16:50	4.2	350	17	6.2	0.00
05/03/2024 17:00	3.9	347	20	6.4	0.00
05/03/2024 17:10	3.9	353	22	5.6	0.00
05/03/2024 17:20	3.5	323	17	5.2	0.00
05/03/2024 17:30	3.6	314	17	5.2	0.00
05/03/2024 17:40	3.9	319	19	6.4	0.00
05/03/2024 17:50	3.6	348	21	5.2	0.00
05/03/2024 18:00	2.8	344	23	4.4	0.00
05/03/2024 18:10	3.8	344	15	5.0	0.00
05/03/2024 18:20	3.4	348	20	5.8	0.00
05/03/2024 18:30	3.5	342	19	5.2	0.00
05/03/2024 18:40	3.1	344	19	4.8	0.00
05/03/2024 18:50	3.2	336	23	4.8	0.00
05/03/2024 19:00	3.6	293	13	5.2	0.00
05/03/2024 19:10	2.9	298	15	4.0	0.00
05/03/2024 19:20	2.9	298	15	3.8	0.00
05/03/2024 19:30	2.4	297	17	3.3	0.00
05/03/2024 19:40	2.4	293	12	3.3	0.00
05/03/2024 19:50	2.2	280	17	3.1	0.00
05/03/2024 20:00	2.0	281	16	2.8	0.00
05/03/2024 20:10	2.4	280	14	3.2	0.00
05/03/2024 20:20	2.6	299	12	3.8	0.00
05/03/2024 20:30	2.0	303	24	3.1	0.00
05/03/2024 20:40	1.5	316	45	2.7	0.00
05/03/2024 20:50	2.1	292	13	3.1	0.00
05/03/2024 21:00	2.9	266	14	3.7	0.00
05/03/2024 21:10	3.2	268	9	4.5	0.00
05/03/2024 21:20	2.5	258	13	3.5	0.00
05/03/2024 21:30	3.0	253	12	4.0	0.00
05/03/2024 21:40	4.1	252	13	6.0	1.30
05/03/2024 21:50	2.6	236	20	4.8	5.40
05/03/2024 22:00	1.0	185	10	1.9	4.70
05/03/2024 22:10	2.2	70	13	2.9	1.70
05/03/2024 22:20	2.1	20	30	2.8	4.30
05/03/2024 22:30	2.9	48	18	4.2	1.30
05/03/2024 22:40	2.3	62	17	3.2	0.20



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 22:50	2.4	75	13	3.2	0.10
05/03/2024 23:00	1.4	52	15	2.5	0.00
05/03/2024 23:10	1.2	47	14	2.0	0.20
05/03/2024 23:20	1.5	66	10	2.4	0.10
05/03/2024 23:30	1.7	61	11	2.1	0.10
05/03/2024 23:40	1.3	68	12	2.0	0.30
05/03/2024 23:50	0.8	181	20	1.8	0.00
06/03/2024 00:00	0.3	190	19	1.2	0.10
06/03/2024 00:10	0.8	218	33	2.3	0.00
06/03/2024 00:20	0.4	170	48	1.4	0.00
06/03/2024 00:30	0.5	131	38	1.9	0.00
06/03/2024 00:40					0.10
06/03/2024 00:50					0.10
06/03/2024 01:00					0.00
06/03/2024 01:10					0.00
06/03/2024 01:20	2.0	127	11	3.6	0.00
06/03/2024 01:30	2.0	121	13	3.2	0.40
06/03/2024 01:40	2.8	98	13	4.1	0.10
06/03/2024 01:50	2.8	92	10	3.6	0.00
06/03/2024 02:00	1.4	55	19	2.4	0.00
06/03/2024 02:10	0.2	340	6	1.1	0.00
06/03/2024 02:20					0.00
06/03/2024 02:30					0.00
06/03/2024 02:40					0.00
06/03/2024 02:50					0.00
06/03/2024 03:00					0.00
06/03/2024 03:10	1.8	261	8	2.4	0.00
06/03/2024 03:20	2.0	267	9	2.7	0.00
06/03/2024 03:30	1.8	270	12	2.4	0.00
06/03/2024 03:40	1.4	261	9	2.0	0.00
06/03/2024 03:50	1.8	255	8	2.2	0.00
06/03/2024 04:00	2.1	260	7	2.7	0.00
06/03/2024 04:10	0.9	260	6	2.0	0.00
06/03/2024 04:20	1.6	261	7	2.2	0.00
06/03/2024 04:30	1.7	253	8	2.4	0.00
06/03/2024 04:40	0.5	245	8	1.4	0.00
06/03/2024 04:50					0.00
06/03/2024 05:00					0.00
06/03/2024 05:10					0.00
06/03/2024 05:20					0.00
06/03/2024 05:30					0.00
06/03/2024 05:40					0.00
06/03/2024 05:50	0.5	129	6	0.9	0.00
06/03/2024 06:00	0.4	119	6	1.6	0.00
06/03/2024 06:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 06:20					0.00
06/03/2024 06:30					0.00
06/03/2024 06:40					0.00
06/03/2024 06:50					0.00
06/03/2024 07:00					0.00
06/03/2024 07:10					0.00
06/03/2024 07:20					0.00
06/03/2024 07:30					0.00
06/03/2024 07:40	0.6	147	12	1.8	0.00
06/03/2024 07:50	1.8	145	15	2.8	0.00
06/03/2024 08:00	2.3	143	21	3.1	0.00
06/03/2024 08:10	2.2	133	14	3.2	0.00
06/03/2024 08:20	2.0	136	16	3.1	0.00
06/03/2024 08:30	2.1	147	17	2.8	0.00
06/03/2024 08:40	2.3	143	16	3.2	0.00
06/03/2024 08:50	2.2	144	19	3.2	0.00
06/03/2024 09:00	2.0	146	33	2.9	0.00
06/03/2024 09:10	1.4	140	50	2.5	0.00
06/03/2024 09:20	1.7	164	44	2.8	0.00
06/03/2024 09:30	1.1	194	37	2.3	0.00
06/03/2024 09:40	1.0	200	46	2.2	0.00
06/03/2024 09:50	2.0	260	27	3.5	0.00
06/03/2024 10:00	2.4	306	19	3.4	0.00
06/03/2024 10:10	2.3	315	26	3.6	0.00
06/03/2024 10:20	2.8	297	11	3.8	0.00
06/03/2024 10:30	1.3	300	20	2.5	0.00
06/03/2024 10:40	1.9	321	24	3.2	0.00
06/03/2024 10:50	1.7	295	30	3.5	0.00
06/03/2024 11:00	2.4	313	18	3.5	0.00
06/03/2024 11:10	2.5	305	24	5.3	0.00
06/03/2024 11:20	2.9	296	22	4.1	0.00
06/03/2024 11:30	2.8	306	15	4.3	0.00
06/03/2024 11:40	1.5	195	40	3.2	0.00
06/03/2024 11:50	2.1	340	26	3.5	0.00
06/03/2024 12:00	3.2	309	18	4.4	0.00
06/03/2024 12:10	2.9	172	28	4.7	0.00
06/03/2024 12:20	3.1	4	24	4.5	0.00
06/03/2024 12:30	3.0	359	23	4.8	0.00
06/03/2024 12:40	3.5	187	20	5.0	0.00
06/03/2024 12:50	3.1	18	23	5.0	0.10
06/03/2024 13:00	3.4	31	24	5.2	0.00
06/03/2024 13:10	3.3	23	26	5.1	0.00
06/03/2024 13:20	3.5	23	24	5.5	0.00
06/03/2024 13:30	3.0	29	19	4.9	0.00
06/03/2024 13:40	3.2	23	22	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 13:50	3.1	21	22	4.5	0.00
06/03/2024 14:00	3.2	8	25	4.8	0.00
06/03/2024 14:10	2.9	9	22	4.7	0.00
06/03/2024 14:20	3.1	6	21	4.7	0.00
06/03/2024 14:30	2.8	181	24	4.4	0.00
06/03/2024 14:40	3.4	4	29	4.8	0.00
06/03/2024 14:50	3.7	14	19	5.7	0.00
06/03/2024 15:00	3.1	4	23	4.6	0.00
06/03/2024 15:10	3.1	9	22	5.0	0.00
06/03/2024 15:20	3.4	186	17	4.8	0.00
06/03/2024 15:30	2.9	2	25	4.1	0.00
06/03/2024 15:40	3.1	184	24	4.4	0.00
06/03/2024 15:50	3.0	5	25	4.5	0.00
06/03/2024 16:00	3.4	13	26	5.4	0.00
06/03/2024 16:10	3.3	356	23	4.9	0.00
06/03/2024 16:20	2.9	7	30	4.4	0.00
06/03/2024 16:30	2.9	10	23	4.9	0.00
06/03/2024 16:40	3.2	9	25	4.6	0.00
06/03/2024 16:50	3.1	20	19	4.8	0.00
06/03/2024 17:00	3.3	15	22	4.5	0.00
06/03/2024 17:10	3.2	20	23	4.9	0.00
06/03/2024 17:20	3.1	32	18	4.7	0.00
06/03/2024 17:30	3.4	26	18	4.8	0.00
06/03/2024 17:40	3.4	32	18	5.0	0.00
06/03/2024 17:50	2.7	29	23	4.5	0.00
06/03/2024 18:00	3.0	29	19	4.8	0.00
06/03/2024 18:10	2.7	38	19	4.1	0.00
06/03/2024 18:20	3.0	36	19	4.6	0.00
06/03/2024 18:30	3.2	34	14	5.2	0.00
06/03/2024 18:40	2.6	27	21	4.0	0.00
06/03/2024 18:50	2.4	187	22	4.0	0.00
06/03/2024 19:00	1.3	6	33	2.8	0.00
06/03/2024 19:10	2.1	344	37	3.2	0.00
06/03/2024 19:20	2.3	10	30	4.0	0.00
06/03/2024 19:30	2.9	15	24	5.0	0.00
06/03/2024 19:40	3.1	8	25	4.6	0.00
06/03/2024 19:50	2.9	25	19	4.4	0.00
06/03/2024 20:00	2.9	30	20	4.0	0.00
06/03/2024 20:10	2.6	23	22	4.4	0.00
06/03/2024 20:20	2.8	29	16	4.0	0.00
06/03/2024 20:30	2.6	28	20	4.5	0.00
06/03/2024 20:40	2.7	33	19	4.2	0.00
06/03/2024 20:50	2.1	21	23	3.4	0.00
06/03/2024 21:00	1.7	12	38	3.1	0.00
06/03/2024 21:10	1.2	339	37	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 21:20	1.3	337	38	2.4	0.00
06/03/2024 21:30	0.9	342	34	1.9	0.00
06/03/2024 21:40	2.3	298	21	3.5	0.00
06/03/2024 21:50	3.0	277	15	4.3	0.00
06/03/2024 22:00	2.8	271	11	3.6	0.00
06/03/2024 22:10	3.0	267	10	3.9	0.00
06/03/2024 22:20	2.3	269	14	3.2	0.00
06/03/2024 22:30	2.2	258	12	2.9	0.00
06/03/2024 22:40	2.9	263	9	3.9	0.00
06/03/2024 22:50	2.8	260	10	3.6	0.00
06/03/2024 23:00	2.6	265	9	3.6	0.00
06/03/2024 23:10	2.5	262	8	3.2	0.00
06/03/2024 23:20	2.6	264	8	3.3	0.00
06/03/2024 23:30	2.3	261	10	3.4	0.00
06/03/2024 23:40	2.4	266	8	3.0	0.00
06/03/2024 23:50	1.9	261	10	2.6	0.00
07/03/2024 00:00	2.1	262	8	2.8	0.00
07/03/2024 00:10	2.2	264	10	2.8	0.00
07/03/2024 00:20	2.4	263	10	3.0	0.00
07/03/2024 00:30	2.5	267	9	3.0	0.00
07/03/2024 00:40	2.3	262	10	3.2	0.00
07/03/2024 00:50	2.1	256	11	2.8	0.00
07/03/2024 01:00	2.2	261	10	2.8	0.00
07/03/2024 01:10	2.0	247	10	2.5	0.00
07/03/2024 01:20	1.5	244	13	2.1	0.00
07/03/2024 01:30	1.4	230	10	2.0	0.00
07/03/2024 01:40	1.1	219	28	1.7	0.00
07/03/2024 01:50	0.7	229	22	1.6	0.00
07/03/2024 02:00	0.8	222	14	1.5	0.00
07/03/2024 02:10	0.3	222	16	0.8	0.00
07/03/2024 02:20	0.1	213	15	0.6	0.00
07/03/2024 02:30	0.5	259	14	0.9	0.00
07/03/2024 02:40	0.8	265	9	1.4	0.00
07/03/2024 02:50	1.3	253	10	1.7	0.00
07/03/2024 03:00	0.9	258	11	1.4	0.00
07/03/2024 03:10	0.9	245	13	1.2	0.00
07/03/2024 03:20	1.3	256	10	2.0	0.00
07/03/2024 03:30	0.8	210	38	1.4	0.00
07/03/2024 03:40					0.00
07/03/2024 03:50	0.8	127	10	1.2	0.00
07/03/2024 04:00	1.0	110	11	1.6	0.00
07/03/2024 04:10	1.0	109	14	1.2	0.00
07/03/2024 04:20	0.9	119	9	1.4	0.00
07/03/2024 04:30	0.8	123	10	1.0	0.00
07/03/2024 04:40	0.9	131	14	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 04:50	0.6	139	13	1.1	0.00
07/03/2024 05:00	0.3	154	17	0.9	0.00
07/03/2024 05:10	0.3	245	38	0.8	0.00
07/03/2024 05:20	0.4	141	58	1.2	0.00
07/03/2024 05:30	0.6	100	68	1.2	0.00
07/03/2024 05:40	0.5	140	66	1.2	0.00
07/03/2024 05:50	0.7	68	88	1.4	0.00
07/03/2024 06:00	0.6	46	77	1.2	0.00
07/03/2024 06:10	0.4	115	60	1.2	0.00
07/03/2024 06:20	0.1	171	25	0.8	0.00
07/03/2024 06:30	0.6	148	34	1.6	0.00
07/03/2024 06:40	1.4	150	18	1.9	0.00
07/03/2024 06:50	1.0	148	21	1.6	0.00
07/03/2024 07:00	0.7	150	12	1.5	0.00
07/03/2024 07:10	1.0	133	17	1.5	0.00
07/03/2024 07:20	0.9	177	43	2.0	0.00
07/03/2024 07:30	1.2	153	55	2.2	0.00
07/03/2024 07:40	1.2	175	69	2.0	0.00
07/03/2024 07:50	1.2	144	43	2.0	0.00
07/03/2024 08:00	1.0	152	40	2.1	0.00
07/03/2024 08:10	1.0	150	55	2.2	0.00
07/03/2024 08:20	1.4	149	37	2.7	0.00
07/03/2024 08:30	1.5	156	41	2.4	0.00
07/03/2024 08:40	1.0	181	64	2.2	0.00
07/03/2024 08:50	1.2	183	48	2.5	0.00
07/03/2024 09:00	2.3	127	23	4.0	0.00
07/03/2024 09:10	2.6	131	16	4.0	0.00
07/03/2024 09:20	2.7	117	16	4.0	0.00
07/03/2024 09:30	3.2	106	15	4.5	0.00
07/03/2024 09:40	3.0	103	13	4.6	0.00
07/03/2024 09:50	2.9	108	15	4.0	0.00
07/03/2024 10:00	3.2	101	13	4.4	0.00
07/03/2024 10:10	2.1	123	30	3.7	0.00
07/03/2024 10:20	3.0	109	18	4.4	0.00
07/03/2024 10:30	2.7	108	17	4.3	0.00
07/03/2024 10:40	2.4	106	23	4.2	0.00
07/03/2024 10:50	2.6	91	17	4.2	0.00
07/03/2024 11:00	3.1	95	21	4.5	0.00
07/03/2024 11:10	2.5	82	21	4.2	0.00
07/03/2024 11:20	2.4	83	34	4.1	0.00
07/03/2024 11:30	2.0	93	30	4.0	0.00
07/03/2024 11:40	2.5	106	22	4.0	0.00
07/03/2024 11:50	3.0	80	15	4.6	0.00
07/03/2024 12:00	2.1	71	32	4.0	0.00
07/03/2024 12:10	3.5	88	18	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 12:20	4.3	81	16	6.3	0.00
07/03/2024 12:30	4.4	79	15	6.4	0.00
07/03/2024 12:40	3.7	68	18	5.8	0.00
07/03/2024 12:50	3.8	69	14	5.5	0.00
07/03/2024 13:00	3.3	54	25	5.4	0.00
07/03/2024 13:10	3.0	51	22	5.0	0.00
07/03/2024 13:20	3.2	78	25	5.2	0.00
07/03/2024 13:30	3.6	8	31	5.2	0.00
07/03/2024 13:40	3.4	4	24	5.1	0.00
07/03/2024 13:50	3.3	180	27	5.0	0.00
07/03/2024 14:00	3.5	185	26	5.5	0.00
07/03/2024 14:10	3.3	184	25	4.7	0.00
07/03/2024 14:20	3.9	178	26	5.6	0.00
07/03/2024 14:30	3.7	177	17	5.2	0.00
07/03/2024 14:40	4.0	354	21	5.8	0.00
07/03/2024 14:50	3.6	177	21	5.9	0.00
07/03/2024 15:00	3.5	15	21	5.1	0.00
07/03/2024 15:10	3.7	180	23	5.6	0.00
07/03/2024 15:20	3.8	180	21	5.6	0.00
07/03/2024 15:30	3.4	11	26	5.2	0.00
07/03/2024 15:40	4.2	181	21	6.1	0.00
07/03/2024 15:50	3.8	355	27	5.9	0.00
07/03/2024 16:00	4.7	340	17	7.4	0.00
07/03/2024 16:10	4.1	356	24	6.3	0.00
07/03/2024 16:20	3.9	177	26	6.3	0.00
07/03/2024 16:30	3.5	347	21	5.6	0.00
07/03/2024 16:40	4.0	343	22	5.8	0.00
07/03/2024 16:50	3.4	338	27	6.0	0.00
07/03/2024 17:00	4.2	347	24	6.4	0.00
07/03/2024 17:10	4.6	179	18	7.2	0.00
07/03/2024 17:20	3.6	342	23	6.3	0.00
07/03/2024 17:30	4.1	320	26	7.0	0.00
07/03/2024 17:40	4.3	307	14	6.2	0.00
07/03/2024 17:50	3.8	320	20	5.7	0.00
07/03/2024 18:00	3.1	328	23	5.6	0.00
07/03/2024 18:10	3.5	308	18	5.7	0.00
07/03/2024 18:20	4.0	303	12	6.0	0.00
07/03/2024 18:30	4.1	304	15	6.0	0.00
07/03/2024 18:40	4.6	301	12	6.4	0.00
07/03/2024 18:50	4.2	299	17	6.0	0.00
07/03/2024 19:00	4.5	297	17	6.5	0.00
07/03/2024 19:10	4.3	296	15	6.1	0.00
07/03/2024 19:20	3.9	283	15	5.2	0.00
07/03/2024 19:30	3.8	276	14	5.3	0.00
07/03/2024 19:40	3.8	281	15	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 19:50	3.7	290	15	4.9	0.00
07/03/2024 20:00	3.5	286	14	4.8	0.00
07/03/2024 20:10	3.4	280	14	5.0	0.00
07/03/2024 20:20	3.3	278	16	5.2	0.00
07/03/2024 20:30	3.6	272	12	4.7	0.00
07/03/2024 20:40	3.6	276	13	4.8	0.00
07/03/2024 20:50	3.8	274	13	5.1	0.00
07/03/2024 21:00	3.4	279	14	4.7	0.00
07/03/2024 21:10	3.3	291	13	4.6	0.00
07/03/2024 21:20	3.5	292	15	5.0	0.00
07/03/2024 21:30	3.6	280	14	5.0	0.00
07/03/2024 21:40	3.6	276	14	4.8	0.00
07/03/2024 21:50	3.5	272	12	4.4	0.00
07/03/2024 22:00	4.1	265	10	5.4	0.00
07/03/2024 22:10	3.9	264	10	5.2	0.00
07/03/2024 22:20	3.5	262	13	5.0	0.00
07/03/2024 22:30	3.8	268	10	4.9	0.00
07/03/2024 22:40	3.9	265	11	5.2	0.00
07/03/2024 22:50	3.8	268	11	5.1	0.00
07/03/2024 23:00	4.1	266	10	5.6	0.00
07/03/2024 23:10	4.1	273	10	5.5	0.00
07/03/2024 23:20	3.7	269	10	5.0	0.00
07/03/2024 23:30	3.7	270	9	5.4	0.00
07/03/2024 23:40	3.7	274	12	4.6	0.00
07/03/2024 23:50	4.3	273	12	6.0	0.00
08/03/2024 00:00	4.1	269	11	5.5	0.00
08/03/2024 00:10	3.8	272	12	5.2	0.00
08/03/2024 00:20	3.5	267	9	4.8	0.00
08/03/2024 00:30	3.8	268	11	5.0	0.00
08/03/2024 00:40	3.9	264	9	5.5	0.00
08/03/2024 00:50	4.1	259	13	5.3	0.00
08/03/2024 01:00	4.4	260	9	5.8	0.00
08/03/2024 01:10	4.5	260	11	5.8	0.00
08/03/2024 01:20	4.3	256	12	5.8	0.00
08/03/2024 01:30	4.2	260	13	5.7	0.00
08/03/2024 01:40	4.0	249	11	5.2	0.00
08/03/2024 01:50	3.5	256	13	4.9	0.00
08/03/2024 02:00	3.8	250	12	5.4	0.00
08/03/2024 02:10	3.4	247	12	4.8	0.00
08/03/2024 02:20	3.5	254	12	4.8	0.00
08/03/2024 02:30	3.8	258	11	5.2	0.00
08/03/2024 02:40	3.8	255	12	5.2	0.00
08/03/2024 02:50	4.1	259	12	5.6	0.00
08/03/2024 03:00	4.1	257	11	5.4	0.00
08/03/2024 03:10	3.0	243	16	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 03:20	3.3	243	11	4.4	0.00
08/03/2024 03:30	3.5	238	13	5.9	0.00
08/03/2024 03:40	3.7	243	12	5.4	0.00
08/03/2024 03:50	3.7	242	11	5.4	0.00
08/03/2024 04:00	4.1	242	12	5.6	0.00
08/03/2024 04:10	3.6	243	13	4.9	0.00
08/03/2024 04:20	3.4	241	13	4.9	0.00
08/03/2024 04:30	2.9	243	15	4.0	0.00
08/03/2024 04:40	2.4	243	12	3.2	0.00
08/03/2024 04:50	2.3	246	11	3.1	0.00
08/03/2024 05:00	2.2	237	15	3.0	0.00
08/03/2024 05:10	2.1	248	14	3.2	0.00
08/03/2024 05:20	2.3	258	11	3.2	0.00
08/03/2024 05:30	2.9	262	10	3.7	0.00
08/03/2024 05:40	3.2	253	12	4.4	0.00
08/03/2024 05:50	3.3	244	12	4.6	0.00
08/03/2024 06:00	3.3	243	11	4.7	0.00
08/03/2024 06:10	3.3	241	13	4.8	0.00
08/03/2024 06:20	3.1	240	12	4.5	0.00
08/03/2024 06:30	3.3	248	12	4.8	0.00
08/03/2024 06:40	3.3	243	13	4.4	0.00
08/03/2024 06:50	2.4	241	14	3.7	0.00
08/03/2024 07:00	2.6	234	15	3.7	0.00
08/03/2024 07:10	2.2	230	17	3.2	0.00
08/03/2024 07:20	2.2	227	21	3.4	0.00
08/03/2024 07:30	2.8	229	17	4.0	0.00
08/03/2024 07:40	3.4	244	13	4.5	0.00
08/03/2024 07:50	3.2	233	16	4.6	0.00
08/03/2024 08:00	3.2	231	16	4.3	0.00
08/03/2024 08:10	3.3	231	15	4.4	0.00
08/03/2024 08:20	3.1	235	17	4.0	0.00
08/03/2024 08:30	3.4	232	14	4.7	0.00
08/03/2024 08:40	3.1	232	23	5.0	0.00
08/03/2024 08:50	3.2	237	26	4.8	0.00
08/03/2024 09:00	3.3	228	18	4.6	0.00
08/03/2024 09:10	3.1	242	17	4.1	0.00
08/03/2024 09:20	3.6	254	20	4.6	0.00
08/03/2024 09:30	2.9	245	19	4.1	0.00
08/03/2024 09:40	3.3	245	17	4.8	0.00
08/03/2024 09:50	3.7	263	13	4.9	0.00
08/03/2024 10:00	3.1	263	20	4.8	0.00
08/03/2024 10:10	3.5	266	16	5.5	0.00
08/03/2024 10:20	3.3	279	18	5.4	0.00
08/03/2024 10:30	3.5	275	15	5.0	0.00
08/03/2024 10:40	3.7	272	16	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 10:50	3.4	281	16	4.6	0.00
08/03/2024 11:00	3.6	296	19	5.0	0.00
08/03/2024 11:10	3.8	280	20	5.2	0.00
08/03/2024 11:20	3.9	277	18	5.6	0.00
08/03/2024 11:30	3.7	302	15	5.7	0.00
08/03/2024 11:40	3.7	298	17	5.6	0.00
08/03/2024 11:50	3.8	314	16	5.3	0.00
08/03/2024 12:00	4.4	304	14	6.1	0.00
08/03/2024 12:10	4.5	313	15	6.0	0.00
08/03/2024 12:20	4.5	312	15	6.2	0.00
08/03/2024 12:30	5.0	309	15	6.5	0.00
08/03/2024 12:40	5.5	302	10	7.2	0.00
08/03/2024 12:50	4.7	306	17	6.5	0.00
08/03/2024 13:00	5.1	310	14	6.8	0.00
08/03/2024 13:10	5.1	303	14	6.7	0.00
08/03/2024 13:20	5.5	300	14	7.8	0.00
08/03/2024 13:30	5.8	306	12	7.6	0.00
08/03/2024 13:40	6.0	301	12	7.7	0.00
08/03/2024 13:50	6.0	302	11	7.9	0.00
08/03/2024 14:00	5.5	307	18	7.5	0.00
08/03/2024 14:10	5.8	300	13	7.8	0.00
08/03/2024 14:20	6.0	300	13	7.9	0.00
08/03/2024 14:30	6.0	303	13	8.0	0.00
08/03/2024 14:40	6.1	304	9	8.3	0.00
08/03/2024 14:50	6.6	300	12	8.4	0.00
08/03/2024 15:00	6.2	303	13	8.3	0.00
08/03/2024 15:10	5.8	302	13	7.5	0.00
08/03/2024 15:20	6.1	296	13	8.7	0.00
08/03/2024 15:30	5.8	294	14	7.9	0.00
08/03/2024 15:40	5.4	300	14	8.0	0.00
08/03/2024 15:50	5.4	297	18	7.2	0.00
08/03/2024 16:00	5.4	301	15	7.3	0.00
08/03/2024 16:10	5.2	301	15	7.3	0.00
08/03/2024 16:20	5.2	304	15	7.7	0.00
08/03/2024 16:30	5.3	299	13	7.8	0.00
08/03/2024 16:40	5.4	305	15	7.7	0.00
08/03/2024 16:50	5.8	302	12	8.2	0.00
08/03/2024 17:00	5.7	302	14	8.2	0.00
08/03/2024 17:10	5.9	301	12	7.9	0.00
08/03/2024 17:20	5.4	305	11	7.4	0.00
08/03/2024 17:30	5.3	301	12	7.4	0.00
08/03/2024 17:40	5.2	302	16	7.6	0.00
08/03/2024 17:50	5.5	304	13	7.1	0.00
08/03/2024 18:00	5.7	303	11	7.9	0.00
08/03/2024 18:10	5.4	301	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 18:20	5.6	295	12	7.8	0.00
08/03/2024 18:30	5.4	294	14	7.5	0.00
08/03/2024 18:40	5.1	296	15	7.2	0.00
08/03/2024 18:50	5.3	283	15	7.6	0.00
08/03/2024 19:00	4.6	290	16	6.9	0.00
08/03/2024 19:10	4.9	290	15	7.6	0.00
08/03/2024 19:20	4.8	289	15	6.6	0.00
08/03/2024 19:30	4.9	290	15	7.2	0.00
08/03/2024 19:40	5.1	281	15	7.2	0.00
08/03/2024 19:50	5.2	288	15	7.5	0.00
08/03/2024 20:00	5.1	289	16	7.2	0.00
08/03/2024 20:10	4.8	282	15	7.5	0.00
08/03/2024 20:20	4.8	274	14	7.0	0.00
08/03/2024 20:30	5.0	270	12	6.4	0.00
08/03/2024 20:40	4.1	281	15	5.6	0.00
08/03/2024 20:50	4.6	278	15	6.4	0.00
08/03/2024 21:00	5.1	276	13	7.1	0.00
08/03/2024 21:10	5.2	275	12	7.1	0.00
08/03/2024 21:20	5.4	269	10	7.6	0.00
08/03/2024 21:30	4.3	279	15	6.3	0.00
08/03/2024 21:40	5.9	270	11	7.9	0.00
08/03/2024 21:50	4.6	274	14	5.9	0.00
08/03/2024 22:00	4.7	268	12	6.2	0.00
08/03/2024 22:10	4.7	268	10	6.5	0.00
08/03/2024 22:20	5.5	265	11	7.8	0.00
08/03/2024 22:30	5.3	268	12	6.8	0.00
08/03/2024 22:40	5.5	270	10	7.4	0.00
08/03/2024 22:50	5.8	270	9	7.7	0.00
08/03/2024 23:00	5.2	272	11	7.1	0.00
08/03/2024 23:10	5.4	270	11	7.2	0.00
08/03/2024 23:20	5.0	277	12	7.5	0.00
08/03/2024 23:30	5.5	273	12	7.3	0.00
08/03/2024 23:40	5.0	275	14	6.8	0.00
08/03/2024 23:50	4.8	275	13	6.8	0.00
09/03/2024 00:00	5.2	272	13	7.0	0.00
09/03/2024 00:10	5.5	267	9	7.2	0.00
09/03/2024 00:20	5.9	272	10	8.2	0.00
09/03/2024 00:30	5.5	271	11	7.5	0.00
09/03/2024 00:40	6.1	269	11	7.9	0.00
09/03/2024 00:50	6.1	271	10	7.6	0.00
09/03/2024 01:00	6.6	270	9	8.3	0.00
09/03/2024 01:10	5.5	271	12	7.6	0.00
09/03/2024 01:20	5.3	268	13	7.2	0.00
09/03/2024 01:30	5.1	273	12	6.9	0.00
09/03/2024 01:40	5.5	269	11	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 01:50	6.1	269	9	8.3	0.00
09/03/2024 02:00	4.9	270	12	7.2	0.00
09/03/2024 02:10	5.7	272	11	7.7	0.00
09/03/2024 02:20	6.1	270	9	8.3	0.00
09/03/2024 02:30	5.7	272	10	7.6	0.00
09/03/2024 02:40	5.8	270	11	7.9	0.00
09/03/2024 02:50	5.5	271	12	7.6	0.00
09/03/2024 03:00	5.2	271	11	7.2	0.00
09/03/2024 03:10	5.1	274	11	6.8	0.00
09/03/2024 03:20	5.3	267	12	7.1	0.00
09/03/2024 03:30	5.0	277	13	6.8	0.00
09/03/2024 03:40	5.7	271	12	7.7	0.00
09/03/2024 03:50	6.1	270	10	8.6	0.00
09/03/2024 04:00	5.9	270	10	8.0	0.00
09/03/2024 04:10	6.4	268	11	8.0	0.00
09/03/2024 04:20	5.8	270	10	7.5	0.00
09/03/2024 04:30	5.4	269	9	7.2	0.00
09/03/2024 04:40	5.8	269	10	8.0	0.00
09/03/2024 04:50	5.8	267	10	7.4	0.00
09/03/2024 05:00	5.4	268	10	7.5	0.00
09/03/2024 05:10	4.8	265	10	7.2	0.00
09/03/2024 05:20	4.9	262	11	6.6	0.00
09/03/2024 05:30	4.5	259	12	6.7	0.00
09/03/2024 05:40	4.1	262	12	5.7	0.00
09/03/2024 05:50	4.8	263	11	6.8	0.00
09/03/2024 06:00	3.9	256	11	5.7	0.00
09/03/2024 06:10	3.6	246	11	5.0	0.00
09/03/2024 06:20	2.6	249	12	4.2	0.00
09/03/2024 06:30	3.4	251	12	5.2	0.00
09/03/2024 06:40	2.9	243	14	4.1	0.00
09/03/2024 06:50	3.3	255	14	5.2	0.00
09/03/2024 07:00	4.3	250	11	6.0	0.00
09/03/2024 07:10	4.3	250	13	5.8	0.00
09/03/2024 07:20	4.6	250	10	6.7	0.00
09/03/2024 07:30	4.2	251	11	5.9	0.00
09/03/2024 07:40	4.7	251	13	6.4	0.00
09/03/2024 07:50	4.2	259	13	6.0	0.00
09/03/2024 08:00	4.8	257	13	6.7	0.00
09/03/2024 08:10	4.5	257	12	6.0	0.00
09/03/2024 08:20	4.1	262	14	5.4	0.00
09/03/2024 08:30	3.8	264	14	4.8	0.00
09/03/2024 08:40	4.1	261	13	5.3	0.00
09/03/2024 08:50	4.4	259	14	6.1	0.00
09/03/2024 09:00	5.4	261	11	7.1	0.00
09/03/2024 09:10	5.0	262	13	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 09:20	4.6	259	13	6.0	0.00
09/03/2024 09:30	4.5	256	13	6.1	0.00
09/03/2024 09:40	4.5	265	12	5.9	0.00
09/03/2024 09:50	4.4	275	15	5.9	0.00
09/03/2024 10:00	4.5	269	14	5.9	0.00
09/03/2024 10:10	4.5	271	14	5.8	0.00
09/03/2024 10:20	4.7	275	15	6.2	0.00
09/03/2024 10:30	5.3	273	14	7.0	0.00
09/03/2024 10:40	5.3	275	13	7.0	0.00
09/03/2024 10:50	5.5	272	12	7.2	0.00
09/03/2024 11:00	5.4	277	15	7.5	0.00
09/03/2024 11:10	4.7	282	16	6.0	0.00
09/03/2024 11:20	4.8	282	16	6.4	0.00
09/03/2024 11:30	5.1	271	16	6.4	0.00
09/03/2024 11:40	5.0	284	14	6.3	0.00
09/03/2024 11:50	5.4	271	13	7.3	0.00
09/03/2024 12:00	5.1	270	15	6.8	0.00
09/03/2024 12:10	5.0	270	14	6.4	0.00
09/03/2024 12:20	4.8	271	13	6.0	0.00
09/03/2024 12:30	5.0	272	16	6.7	0.00
09/03/2024 12:40	4.8	266	16	7.0	0.00
09/03/2024 12:50	4.8	295	16	6.6	0.00
09/03/2024 13:00	5.3	298	15	7.5	0.00
09/03/2024 13:10	5.6	302	13	7.3	0.00
09/03/2024 13:20	5.3	302	13	7.2	0.00
09/03/2024 13:30	5.4	300	12	7.3	0.00
09/03/2024 13:40	5.7	300	12	7.6	0.00
09/03/2024 13:50	5.7	307	12	7.8	0.00
09/03/2024 14:00	5.4	303	15	6.9	0.00
09/03/2024 14:10	5.8	301	10	7.7	0.00
09/03/2024 14:20	5.3	301	13	7.3	0.00
09/03/2024 14:30	5.7	300	12	7.5	0.00
09/03/2024 14:40	5.8	300	11	7.5	0.00
09/03/2024 14:50	5.6	299	13	7.7	0.00
09/03/2024 15:00	5.9	298	12	7.7	0.00
09/03/2024 15:10	5.6	298	12	7.2	0.00
09/03/2024 15:20	5.5	304	13	7.4	0.00
09/03/2024 15:30	5.5	303	11	7.1	0.00
09/03/2024 15:40	5.5	302	11	7.0	0.00
09/03/2024 15:50	5.7	303	12	7.2	0.00
09/03/2024 16:00	5.4	298	14	6.9	0.00
09/03/2024 16:10	5.5	300	10	7.5	0.00
09/03/2024 16:20	5.2	304	12	7.0	0.00
09/03/2024 16:30	4.2	310	16	6.0	0.00
09/03/2024 16:40	4.8	310	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 16:50	4.6	306	14	6.0	0.00
09/03/2024 17:00	5.2	306	11	7.2	0.00
09/03/2024 17:10	4.8	310	15	6.3	0.00
09/03/2024 17:20	4.6	303	12	6.5	0.00
09/03/2024 17:30	5.3	307	11	7.7	0.00
09/03/2024 17:40	4.8	306	12	6.7	0.00
09/03/2024 17:50	4.7	306	12	6.6	0.00
09/03/2024 18:00	4.3	301	12	5.7	0.00
09/03/2024 18:10	4.0	298	11	5.9	0.00
09/03/2024 18:20	3.9	275	13	5.6	0.00
09/03/2024 18:30	5.0	266	10	6.8	0.00
09/03/2024 18:40	6.2	269	9	8.1	0.00
09/03/2024 18:50	6.7	269	10	8.7	0.00
09/03/2024 19:00	6.4	270	8	8.8	0.00
09/03/2024 19:10	5.7	272	10	8.2	0.00
09/03/2024 19:20	5.3	271	12	7.2	0.00
09/03/2024 19:30	5.6	272	12	7.5	0.00
09/03/2024 19:40	6.3	268	8	7.9	0.00
09/03/2024 19:50	5.9	269	10	8.3	0.00
09/03/2024 20:00	5.8	269	10	7.6	0.00
09/03/2024 20:10	5.5	269	8	7.4	0.00
09/03/2024 20:20	5.3	270	10	7.2	0.00
09/03/2024 20:30	5.3	271	10	7.1	0.00
09/03/2024 20:40	5.5	269	10	7.5	0.00
09/03/2024 20:50	5.8	270	10	7.2	0.00
09/03/2024 21:00	5.6	270	9	7.8	0.00
09/03/2024 21:10	5.3	272	10	7.4	0.00
09/03/2024 21:20	4.7	271	9	6.1	0.00
09/03/2024 21:30	4.9	271	11	7.4	0.00
09/03/2024 21:40	6.0	273	11	8.1	0.00
09/03/2024 21:50	5.8	270	10	8.0	0.00
09/03/2024 22:00	6.4	270	9	9.1	0.00
09/03/2024 22:10	5.9	269	10	7.5	0.00
09/03/2024 22:20	5.8	271	10	7.7	0.00
09/03/2024 22:30	6.0	270	11	8.4	0.00
09/03/2024 22:40	5.7	267	9	7.6	0.00
09/03/2024 22:50	5.9	270	8	7.9	0.00
09/03/2024 23:00	5.6	274	10	7.9	0.00
09/03/2024 23:10	4.9	274	11	7.0	0.00
09/03/2024 23:20	5.2	271	11	7.6	0.00
09/03/2024 23:30	5.1	275	12	6.8	0.00
09/03/2024 23:40	4.8	277	13	6.8	0.00
09/03/2024 23:50	4.4	276	13	6.0	0.00
10/03/2024 00:00	4.7	273	10	7.0	0.00
10/03/2024 00:10	4.7	274	12	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 00:20	5.0	274	14	6.4	0.00
10/03/2024 00:30	4.8	271	12	6.5	0.00
10/03/2024 00:40	4.7	273	12	6.9	0.00
10/03/2024 00:50	5.4	271	12	8.2	0.00
10/03/2024 01:00	5.8	269	12	7.5	0.00
10/03/2024 01:10	6.4	272	9	8.2	0.00
10/03/2024 01:20	6.1	270	10	8.3	0.00
10/03/2024 01:30	5.8	271	11	7.9	0.00
10/03/2024 01:40	6.0	268	9	7.5	0.00
10/03/2024 01:50	6.6	271	10	8.6	0.00
10/03/2024 02:00	6.7	268	10	9.0	0.00
10/03/2024 02:10	6.1	266	10	8.7	0.00
10/03/2024 02:20	5.9	266	10	7.9	0.00
10/03/2024 02:30	5.7	269	11	8.5	0.00
10/03/2024 02:40	6.1	269	10	7.8	0.00
10/03/2024 02:50	6.1	269	9	9.2	0.00
10/03/2024 03:00	5.5	268	11	7.2	0.00
10/03/2024 03:10	4.7	267	14	6.3	0.00
10/03/2024 03:20	4.8	268	11	6.5	0.00
10/03/2024 03:30	5.3	271	9	6.8	0.00
10/03/2024 03:40	4.6	268	10	6.3	0.00
10/03/2024 03:50	4.5	269	9	5.7	0.00
10/03/2024 04:00	4.2	267	11	5.4	0.00
10/03/2024 04:10	4.0	266	11	5.3	0.00
10/03/2024 04:20	3.4	264	11	4.6	0.00
10/03/2024 04:30	3.6	265	10	4.9	0.00
10/03/2024 04:40	1.9	257	11	2.8	0.00
10/03/2024 04:50	1.1	223	18	1.6	0.00
10/03/2024 05:00	1.4	252	13	2.4	0.00
10/03/2024 05:10	2.0	252	13	2.9	0.00
10/03/2024 05:20	1.6	240	17	2.7	0.00
10/03/2024 05:30	1.6	246	14	2.8	0.00
10/03/2024 05:40	1.3	256	11	1.9	0.00
10/03/2024 05:50	1.3	251	19	2.4	0.00
10/03/2024 06:00	0.7	237	13	1.4	0.00
10/03/2024 06:10	0.8	243	17	1.5	0.00
10/03/2024 06:20	1.2	245	16	2.1	0.00
10/03/2024 06:30	1.3	230	16	1.8	0.00
10/03/2024 06:40	1.1	225	33	2.0	0.00
10/03/2024 06:50	0.9	233	29	1.6	0.00
10/03/2024 07:00	1.0	227	23	1.6	0.00
10/03/2024 07:10	1.2	180	22	2.2	0.00
10/03/2024 07:20	2.0	126	20	2.8	0.00
10/03/2024 07:30	3.1	138	15	4.4	0.00
10/03/2024 07:40	3.2	135	16	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 07:50	3.8	130	13	5.7	0.00
10/03/2024 08:00	3.9	135	17	5.3	0.00
10/03/2024 08:10	4.1	135	17	6.4	0.00
10/03/2024 08:20	4.8	133	14	7.2	0.00
10/03/2024 08:30	4.9	115	13	6.5	0.00
10/03/2024 08:40	5.4	112	13	8.1	0.00
10/03/2024 08:50	5.1	110	12	6.6	0.00
10/03/2024 09:00	5.3	113	13	7.2	0.00
10/03/2024 09:10	5.2	110	14	7.2	0.00
10/03/2024 09:20	5.0	111	14	7.3	0.00
10/03/2024 09:30	4.7	106	15	7.0	0.00
10/03/2024 09:40	4.8	100	13	6.8	0.00
10/03/2024 09:50	4.8	100	14	6.8	0.00
10/03/2024 10:00	4.7	95	13	6.7	0.00
10/03/2024 10:10	5.1	97	12	6.9	0.00
10/03/2024 10:20	5.6	88	12	7.7	0.00
10/03/2024 10:30	5.9	88	10	7.9	0.00
10/03/2024 10:40	4.9	96	11	6.4	0.00
10/03/2024 10:50	5.2	85	14	7.2	0.00
10/03/2024 11:00	5.2	77	13	7.2	0.00
10/03/2024 11:10	5.4	78	13	7.3	0.00
10/03/2024 11:20	5.4	87	13	7.0	0.00
10/03/2024 11:30	5.3	79	13	7.2	0.00
10/03/2024 11:40	5.7	84	13	7.5	0.00
10/03/2024 11:50	5.3	83	13	7.5	0.00
10/03/2024 12:00	5.1	80	13	7.0	0.00
10/03/2024 12:10	5.0	82	13	6.8	0.00
10/03/2024 12:20	4.8	73	14	6.4	0.00
10/03/2024 12:30	5.1	81	14	7.5	0.00
10/03/2024 12:40	5.5	86	13	7.3	0.00
10/03/2024 12:50	5.1	68	14	7.3	0.00
10/03/2024 13:00	5.1	77	17	6.9	0.00
10/03/2024 13:10	4.8	80	13	6.1	0.00
10/03/2024 13:20	4.6	78	15	6.2	0.00
10/03/2024 13:30	5.2	87	11	6.8	0.00
10/03/2024 13:40	4.6	76	13	6.0	0.00
10/03/2024 13:50	5.0	82	13	6.7	0.00
10/03/2024 14:00	4.8	83	13	6.6	0.00
10/03/2024 14:10	4.5	77	13	6.0	0.00
10/03/2024 14:20	4.6	78	14	6.4	0.00
10/03/2024 14:30	3.8	73	16	5.6	0.00
10/03/2024 14:40	3.1	34	21	5.5	0.00
10/03/2024 14:50	3.9	183	20	5.7	0.00
10/03/2024 15:00	3.8	18	21	5.2	0.00
10/03/2024 15:10	3.8	15	20	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 15:20	3.9	13	23	6.1	0.00
10/03/2024 15:30	4.2	16	23	6.0	0.00
10/03/2024 15:40	4.8	357	22	7.2	0.00
10/03/2024 15:50	5.3	353	18	7.2	0.00
10/03/2024 16:00	4.5	351	22	7.2	0.00
10/03/2024 16:10	5.7	310	12	7.7	0.00
10/03/2024 16:20	6.3	304	10	8.0	0.00
10/03/2024 16:30	5.8	301	10	7.5	0.00
10/03/2024 16:40	5.3	294	14	7.4	0.00
10/03/2024 16:50	5.5	302	12	6.9	0.00
10/03/2024 17:00	5.7	298	12	7.4	0.00
10/03/2024 17:10	4.9	287	16	6.7	0.00
10/03/2024 17:20	4.7	290	14	7.2	0.00
10/03/2024 17:30	4.8	287	15	6.3	0.00
10/03/2024 17:40	5.7	261	11	7.8	0.00
10/03/2024 17:50	5.4	266	11	7.6	0.00
10/03/2024 18:00	5.8	261	11	7.7	0.00
10/03/2024 18:10	5.4	262	11	7.3	0.00
10/03/2024 18:20	5.6	263	11	7.2	0.00
10/03/2024 18:30	5.2	266	10	7.0	0.00
10/03/2024 18:40	4.8	266	11	6.5	0.00
10/03/2024 18:50	3.7	268	13	5.4	0.00
10/03/2024 19:00	3.7	272	12	5.4	0.00
10/03/2024 19:10	2.7	276	12	4.0	0.00
10/03/2024 19:20	2.7	273	13	3.9	0.00
10/03/2024 19:30	2.3	293	15	3.5	0.00
10/03/2024 19:40	2.7	299	14	4.0	0.00
10/03/2024 19:50	2.8	296	14	3.5	0.00
10/03/2024 20:00	3.1	306	13	4.4	0.00
10/03/2024 20:10	3.2	306	12	4.5	0.00
10/03/2024 20:20	3.6	305	13	4.8	0.00
10/03/2024 20:30	3.2	302	12	4.5	0.00
10/03/2024 20:40	3.3	299	13	4.6	0.00
10/03/2024 20:50	3.6	302	13	5.0	0.00
10/03/2024 21:00	3.7	294	11	5.1	0.00
10/03/2024 21:10	3.6	290	13	5.1	0.00
10/03/2024 21:20	3.7	284	13	5.2	0.00
10/03/2024 21:30	4.2	272	13	5.6	0.00
10/03/2024 21:40	4.4	272	11	5.9	0.00
10/03/2024 21:50	4.3	274	15	5.5	0.00
10/03/2024 22:00	4.2	276	11	5.6	0.00
10/03/2024 22:10	4.1	282	15	5.2	0.00
10/03/2024 22:20	4.1	278	14	5.4	0.00
10/03/2024 22:30	4.3	274	13	5.9	0.00
10/03/2024 22:40	4.2	280	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 22:50	4.5	278	15	6.4	0.00
10/03/2024 23:00	4.3	279	13	5.6	0.00
10/03/2024 23:10	4.5	277	11	5.9	0.00
10/03/2024 23:20	4.4	275	15	5.9	0.00
10/03/2024 23:30	4.2	272	12	6.0	0.00
10/03/2024 23:40	4.1	278	14	5.5	0.00
10/03/2024 23:50	4.1	273	13	5.6	0.00
11/03/2024 00:00	4.1	274	11	5.7	0.00
11/03/2024 00:10	4.4	271	11	6.2	0.00
11/03/2024 00:20	3.7	278	13	4.9	0.00
11/03/2024 00:30	3.7	280	16	5.4	0.00
11/03/2024 00:40	3.8	278	15	5.4	0.00
11/03/2024 00:50	4.4	284	14	6.4	0.00
11/03/2024 01:00	3.8	279	17	5.2	0.00
11/03/2024 01:10	4.0	273	13	5.6	0.00
11/03/2024 01:20	4.4	270	13	5.7	0.00
11/03/2024 01:30	4.3	273	12	5.6	0.00
11/03/2024 01:40	3.8	277	12	5.1	0.00
11/03/2024 01:50	3.7	278	14	5.4	0.00
11/03/2024 02:00	3.3	277	13	4.6	0.00
11/03/2024 02:10	3.0	283	14	4.5	0.00
11/03/2024 02:20	3.7	280	14	5.2	0.00
11/03/2024 02:30	3.6	277	14	4.8	0.00
11/03/2024 02:40	3.7	278	11	5.3	0.00
11/03/2024 02:50	3.8	277	14	4.9	0.00
11/03/2024 03:00	3.5	270	10	4.6	0.00
11/03/2024 03:10	3.8	270	11	5.2	0.00
11/03/2024 03:20	3.6	272	13	4.8	0.00
11/03/2024 03:30	2.9	270	11	4.0	0.00
11/03/2024 03:40	3.0	274	11	4.0	0.00
11/03/2024 03:50	3.4	267	8	4.4	0.00
11/03/2024 04:00	3.3	270	8	4.1	0.00
11/03/2024 04:10	3.9	265	8	5.0	0.00
11/03/2024 04:20	3.6	266	12	4.8	0.00
11/03/2024 04:30	3.6	260	10	4.8	0.00
11/03/2024 04:40	3.3	266	12	4.1	0.00
11/03/2024 04:50	3.5	268	8	4.8	0.00
11/03/2024 05:00	3.6	270	10	5.3	0.00
11/03/2024 05:10	3.4	275	12	4.8	0.00
11/03/2024 05:20	3.5	271	10	5.2	0.00
11/03/2024 05:30	2.7	284	16	4.0	0.00
11/03/2024 05:40	3.1	276	13	4.3	0.00
11/03/2024 05:50	3.2	279	13	4.1	0.00
11/03/2024 06:00	3.0	276	12	4.0	0.00
11/03/2024 06:10	3.1	279	13	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 06:20	3.2	275	13	4.1	0.00
11/03/2024 06:30	3.2	279	12	4.5	0.00
11/03/2024 06:40	2.6	275	14	3.8	0.00
11/03/2024 06:50	3.8	267	9	4.8	0.00
11/03/2024 07:00	3.7	267	10	4.8	0.00
11/03/2024 07:10	3.7	266	9	4.6	0.00
11/03/2024 07:20	3.5	261	12	4.3	0.00
11/03/2024 07:30	3.7	271	10	5.1	0.00
11/03/2024 07:40	3.1	270	12	4.4	0.00
11/03/2024 07:50	3.9	263	11	5.2	0.00
11/03/2024 08:00	3.6	260	12	5.3	0.00
11/03/2024 08:10	4.1	260	11	5.5	0.00
11/03/2024 08:20	3.8	256	13	5.2	0.00
11/03/2024 08:30	4.3	261	14	5.8	0.00
11/03/2024 08:40	3.9	256	14	4.9	0.00
11/03/2024 08:50	4.2	259	12	5.5	0.00
11/03/2024 09:00	4.5	264	10	5.6	0.00
11/03/2024 09:10	4.4	263	12	5.4	0.00
11/03/2024 09:20	3.7	255	14	5.2	0.00
11/03/2024 09:30	3.7	268	15	4.8	0.00
11/03/2024 09:40	3.5	271	14	4.5	0.00
11/03/2024 09:50	3.5	267	18	4.6	0.00
11/03/2024 10:00	2.9	274	19	4.1	0.00
11/03/2024 10:10	3.2	295	14	4.2	0.00
11/03/2024 10:20	3.3	302	18	4.8	0.00
11/03/2024 10:30	3.2	304	14	4.2	0.00
11/03/2024 10:40	3.0	310	20	4.1	0.00
11/03/2024 10:50	3.6	301	17	5.1	0.00
11/03/2024 11:00	2.8	345	33	4.3	0.00
11/03/2024 11:10	3.2	346	17	5.1	0.00
11/03/2024 11:20	2.7	354	29	4.6	0.00
11/03/2024 11:30	3.8	325	27	6.0	0.00
11/03/2024 11:40	4.6	313	13	6.7	0.00
11/03/2024 11:50	4.5	311	13	6.3	0.00
11/03/2024 12:00	5.0	308	11	6.6	0.00
11/03/2024 12:10	4.1	311	18	6.5	0.00
11/03/2024 12:20	4.4	310	13	6.0	0.00
11/03/2024 12:30	4.4	309	15	6.1	0.00
11/03/2024 12:40	4.2	311	15	6.3	0.00
11/03/2024 12:50	4.2	312	18	5.9	0.00
11/03/2024 13:00	4.4	315	16	5.7	0.00
11/03/2024 13:10	5.6	312	13	7.2	0.00
11/03/2024 13:20	5.5	309	13	7.3	0.00
11/03/2024 13:30	6.2	306	9	8.3	0.00
11/03/2024 13:40	6.0	305	11	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 13:50	6.3	306	12	7.6	0.00
11/03/2024 14:00	6.1	305	13	8.0	0.00
11/03/2024 14:10	6.0	302	12	7.5	0.00
11/03/2024 14:20	5.8	303	12	8.3	0.00
11/03/2024 14:30	5.7	303	17	8.3	0.00
11/03/2024 14:40	5.9	307	16	8.7	0.00
11/03/2024 14:50	5.8	306	15	8.1	0.00
11/03/2024 15:00	5.9	309	13	7.9	0.00
11/03/2024 15:10	5.2	308	16	7.4	0.00
11/03/2024 15:20	5.8	308	13	8.0	0.00
11/03/2024 15:30	5.9	299	13	7.9	0.00
11/03/2024 15:40	5.8	309	14	7.9	0.00
11/03/2024 15:50	5.9	304	13	8.1	0.00
11/03/2024 16:00	5.8	299	13	8.5	0.00
11/03/2024 16:10	5.4	293	16	7.7	0.00
11/03/2024 16:20	5.2	288	19	7.6	0.00
11/03/2024 16:30	5.5	303	12	7.5	0.00
11/03/2024 16:40	5.0	302	12	6.8	0.00
11/03/2024 16:50	5.3	298	12	7.4	0.00
11/03/2024 17:00	5.7	298	16	7.4	0.00
11/03/2024 17:10	5.1	293	16	6.9	0.00
11/03/2024 17:20	4.9	297	15	6.8	0.00
11/03/2024 17:30	5.4	295	14	7.9	0.00
11/03/2024 17:40	5.6	298	12	7.5	0.00
11/03/2024 17:50	5.5	293	14	8.1	0.00
11/03/2024 18:00	5.0	296	15	7.4	0.00
11/03/2024 18:10	5.2	285	15	7.5	0.00
11/03/2024 18:20	5.5	297	14	8.0	0.00
11/03/2024 18:30	5.3	298	11	7.5	0.00
11/03/2024 18:40	4.7	286	18	7.0	0.00
11/03/2024 18:50	4.8	294	15	6.8	0.00
11/03/2024 19:00	4.7	286	16	6.7	0.00
11/03/2024 19:10	4.7	283	14	6.4	0.00
11/03/2024 19:20	4.3	274	15	5.9	0.00
11/03/2024 19:30	4.7	273	13	6.3	0.00
11/03/2024 19:40	5.4	280	13	7.5	0.00
11/03/2024 19:50	5.3	280	15	7.2	0.00
11/03/2024 20:00	5.4	278	14	7.2	0.00
11/03/2024 20:10	5.9	272	13	7.7	0.00
11/03/2024 20:20	5.3	275	14	7.4	0.00
11/03/2024 20:30	5.6	274	12	7.9	0.00
11/03/2024 20:40	5.1	273	13	7.2	0.00
11/03/2024 20:50	5.3	271	11	7.3	0.00
11/03/2024 21:00	5.6	277	12	7.7	0.00
11/03/2024 21:10	6.2	268	10	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 21:20	6.2	271	10	7.9	0.00
11/03/2024 21:30	6.1	268	10	8.3	0.00
11/03/2024 21:40	6.1	265	11	8.6	0.00
11/03/2024 21:50	5.8	265	11	8.0	0.00
11/03/2024 22:00	5.9	264	11	7.8	0.00
11/03/2024 22:10	6.0	261	12	7.9	0.00
11/03/2024 22:20	5.7	266	9	7.5	0.00
11/03/2024 22:30	5.4	267	10	7.2	0.00
11/03/2024 22:40	5.6	264	11	7.8	0.00
11/03/2024 22:50	5.2	264	10	6.8	0.00
11/03/2024 23:00	4.8	265	11	7.1	0.00
11/03/2024 23:10	5.1	266	11	6.8	0.00
11/03/2024 23:20	5.2	267	9	6.9	0.00
11/03/2024 23:30	4.9	269	9	6.2	0.00
11/03/2024 23:40	4.9	267	11	6.8	0.00
11/03/2024 23:50	4.8	267	10	6.9	0.00
12/03/2024 00:00	4.6	268	11	6.0	0.00
12/03/2024 00:10	4.7	270	9	6.1	0.00
12/03/2024 00:20	4.6	268	10	6.1	0.00
12/03/2024 00:30	4.5	269	11	6.3	0.00
12/03/2024 00:40	4.6	269	9	6.2	0.00
12/03/2024 00:50	5.0	269	8	6.4	0.00
12/03/2024 01:00	4.7	270	10	6.5	0.00
12/03/2024 01:10	4.8	266	10	6.5	0.00
12/03/2024 01:20	4.8	266	11	6.4	0.00
12/03/2024 01:30	5.0	266	11	7.1	0.00
12/03/2024 01:40	4.7	266	10	6.0	0.00
12/03/2024 01:50	4.1	266	10	5.6	0.00
12/03/2024 02:00	4.7	269	11	6.2	0.00
12/03/2024 02:10	4.9	268	11	6.4	0.00
12/03/2024 02:20	4.6	267	9	6.4	0.00
12/03/2024 02:30	4.5	269	9	6.2	0.00
12/03/2024 02:40	4.5	271	9	5.9	0.00
12/03/2024 02:50	4.2	271	9	5.7	0.00
12/03/2024 03:00	4.5	269	10	6.0	0.00
12/03/2024 03:10	4.3	269	9	5.8	0.00
12/03/2024 03:20	3.8	269	11	5.6	0.00
12/03/2024 03:30	3.6	278	12	4.9	0.00
12/03/2024 03:40	3.2	272	13	4.2	0.00
12/03/2024 03:50	3.3	273	13	4.6	0.00
12/03/2024 04:00	3.3	282	14	4.8	0.00
12/03/2024 04:10	3.0	279	14	4.5	0.00
12/03/2024 04:20	3.2	286	15	5.1	0.00
12/03/2024 04:30	3.6	285	12	4.8	0.00
12/03/2024 04:40	3.3	278	13	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 04:50	3.2	278	15	4.9	0.00
12/03/2024 05:00	3.1	277	13	4.7	0.00
12/03/2024 05:10	3.3	273	14	4.4	0.00
12/03/2024 05:20	3.4	277	14	5.0	0.00
12/03/2024 05:30	3.8	280	13	5.0	0.00
12/03/2024 05:40	3.5	277	13	5.4	0.00
12/03/2024 05:50	3.6	280	15	5.2	0.00
12/03/2024 06:00	3.5	277	12	5.2	0.00
12/03/2024 06:10	3.3	281	15	4.3	0.00
12/03/2024 06:20	3.1	277	15	4.2	0.00
12/03/2024 06:30	3.5	279	16	4.6	0.00
12/03/2024 06:40	3.4	276	14	4.8	0.00
12/03/2024 06:50	3.2	280	14	4.5	0.00
12/03/2024 07:00	3.4	279	15	5.1	0.00
12/03/2024 07:10	3.7	281	14	4.9	0.00
12/03/2024 07:20	3.5	292	15	5.1	0.00
12/03/2024 07:30	3.6	279	15	5.0	0.00
12/03/2024 07:40	3.9	281	15	5.6	0.00
12/03/2024 07:50	3.6	280	17	4.8	0.00
12/03/2024 08:00	3.7	280	17	5.2	0.00
12/03/2024 08:10	4.0	274	15	5.3	0.00
12/03/2024 08:20	4.2	274	15	6.2	0.00
12/03/2024 08:30	3.7	275	15	5.1	0.00
12/03/2024 08:40	4.5	267	12	5.7	0.00
12/03/2024 08:50	4.8	270	12	6.9	0.00
12/03/2024 09:00	4.5	270	15	6.5	0.00
12/03/2024 09:10	4.2	264	14	6.1	0.00
12/03/2024 09:20	4.4	262	14	6.2	0.00
12/03/2024 09:30	4.3	256	15	5.8	0.00
12/03/2024 09:40	4.4	254	16	6.3	0.00
12/03/2024 09:50	4.3	264	13	5.8	0.00
12/03/2024 10:00	4.2	259	16	5.7	0.00
12/03/2024 10:10	4.5	263	15	6.5	0.00
12/03/2024 10:20	4.5	260	15	6.4	0.00
12/03/2024 10:30	4.6	267	13	6.6	0.00
12/03/2024 10:40	4.8	262	14	6.5	0.00
12/03/2024 10:50	4.9	277	18	7.4	0.00
12/03/2024 11:00	4.7	275	15	6.8	0.00
12/03/2024 11:10	5.0	285	21	6.5	0.00
12/03/2024 11:20	5.2	303	14	6.8	0.00
12/03/2024 11:30	5.3	300	15	7.0	0.00
12/03/2024 11:40	5.2	302	16	6.8	0.00
12/03/2024 11:50	5.3	298	16	7.2	0.00
12/03/2024 12:00	5.7	305	11	7.3	0.00
12/03/2024 12:10	5.4	297	16	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 12:20	5.8	296	16	7.5	0.00
12/03/2024 12:30	4.8	300	16	7.2	0.00
12/03/2024 12:40	5.0	301	14	6.8	0.00
12/03/2024 12:50	4.9	303	12	7.2	0.00
12/03/2024 13:00	5.0	294	17	7.2	0.00
12/03/2024 13:10	5.0	296	14	7.1	0.00
12/03/2024 13:20	4.8	288	19	6.6	0.00
12/03/2024 13:30	5.0	283	18	7.2	0.00
12/03/2024 13:40	5.0	304	17	7.2	0.00
12/03/2024 13:50	5.1	300	15	6.8	0.00
12/03/2024 14:00	5.3	297	16	7.0	0.00
12/03/2024 14:10	5.2	302	18	7.2	0.00
12/03/2024 14:20	4.6	302	14	6.5	0.00
12/03/2024 14:30	5.3	301	13	7.6	0.00
12/03/2024 14:40	5.3	302	13	7.0	0.00
12/03/2024 14:50	5.5	302	14	7.6	0.00
12/03/2024 15:00	5.7	299	15	7.6	0.00
12/03/2024 15:10	5.5	299	15	7.9	0.00
12/03/2024 15:20	5.7	302	15	7.9	0.00
12/03/2024 15:30	6.0	302	14	7.8	0.00
12/03/2024 15:40	6.0	300	15	8.1	0.00
12/03/2024 15:50	5.5	298	14	8.1	0.00
12/03/2024 16:00	5.8	298	14	8.1	0.00
12/03/2024 16:10	5.7	298	13	7.2	0.00
12/03/2024 16:20	5.3	298	14	7.5	0.00
12/03/2024 16:30	5.1	300	14	6.9	0.00
12/03/2024 16:40	5.6	305	12	7.5	0.00
12/03/2024 16:50	5.1	298	15	7.2	0.00
12/03/2024 17:00	5.4	301	13	7.5	0.00
12/03/2024 17:10	5.2	297	16	7.3	0.00
12/03/2024 17:20	5.3	301	14	7.4	0.00
12/03/2024 17:30	5.2	303	14	7.5	0.00
12/03/2024 17:40	5.2	303	13	7.0	0.00
12/03/2024 17:50	5.3	299	16	7.0	0.00
12/03/2024 18:00	5.5	303	12	7.4	0.00
12/03/2024 18:10	5.4	300	12	7.4	0.00
12/03/2024 18:20	5.4	299	11	7.4	0.00
12/03/2024 18:30	5.1	297	15	7.4	0.00
12/03/2024 18:40	4.8	293	15	6.8	0.00
12/03/2024 18:50	4.9	299	12	6.8	0.00
12/03/2024 19:00	4.7	288	15	6.8	0.00
12/03/2024 19:10	4.4	285	15	6.3	0.00
12/03/2024 19:20	4.6	290	17	6.6	0.00
12/03/2024 19:30	4.4	281	15	6.8	0.00
12/03/2024 19:40	4.8	289	14	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 19:50	4.4	287	17	6.4	0.00
12/03/2024 20:00	4.8	294	13	6.7	0.00
12/03/2024 20:10	4.6	294	13	6.4	0.00
12/03/2024 20:20	4.3	296	13	6.3	0.00
12/03/2024 20:30	4.5	292	14	6.0	0.00
12/03/2024 20:40	4.1	292	14	5.6	0.00
12/03/2024 20:50	5.0	300	12	6.8	0.00
12/03/2024 21:00	4.6	295	14	6.6	0.00
12/03/2024 21:10	4.6	294	13	6.2	0.00
12/03/2024 21:20	4.1	294	15	6.0	0.00
12/03/2024 21:30	4.3	299	13	5.8	0.00
12/03/2024 21:40	4.2	289	15	6.4	0.00
12/03/2024 21:50	3.9	291	16	5.4	0.00
12/03/2024 22:00	4.4	295	17	6.6	0.00
12/03/2024 22:10	4.0	290	15	5.9	0.00
12/03/2024 22:20	3.6	291	14	5.6	0.00
12/03/2024 22:30	3.5	273	13	4.6	0.00
12/03/2024 22:40	3.5	275	11	4.8	0.00
12/03/2024 22:50	3.7	280	14	5.2	0.00
12/03/2024 23:00	3.7	274	12	5.0	0.00
12/03/2024 23:10	3.8	284	16	5.1	0.00
12/03/2024 23:20	3.6	279	14	4.8	0.00
12/03/2024 23:30	4.1	270	11	5.5	0.00
12/03/2024 23:40	3.5	281	18	5.2	0.00
12/03/2024 23:50	3.7	281	14	5.1	0.00
13/03/2024 00:00	3.6	274	13	5.1	0.00
13/03/2024 00:10	3.7	275	12	5.1	0.00
13/03/2024 00:20	4.1	268	10	5.3	0.00
13/03/2024 00:30	4.0	267	9	5.2	0.00
13/03/2024 00:40	3.7	270	10	4.9	0.00
13/03/2024 00:50	3.3	275	13	4.8	0.00
13/03/2024 01:00	3.0	275	13	4.4	0.00
13/03/2024 01:10	3.4	279	12	4.4	0.00
13/03/2024 01:20	3.4	278	13	4.8	0.00
13/03/2024 01:30	3.9	268	10	5.2	0.00
13/03/2024 01:40	4.5	268	9	5.7	0.00
13/03/2024 01:50	4.4	267	12	6.1	0.00
13/03/2024 02:00	4.0	267	10	6.1	0.00
13/03/2024 02:10	4.3	268	9	5.9	0.00
13/03/2024 02:20	3.9	260	11	5.3	0.00
13/03/2024 02:30	3.3	260	13	5.2	0.00
13/03/2024 02:40	3.5	260	10	4.4	0.00
13/03/2024 02:50	3.4	262	11	4.8	0.00
13/03/2024 03:00	3.2	266	11	4.1	0.00
13/03/2024 03:10	2.8	267	11	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 03:20	2.8	260	13	3.8	0.00
13/03/2024 03:30	2.6	259	11	3.8	0.00
13/03/2024 03:40	2.9	256	11	4.0	0.00
13/03/2024 03:50	2.9	263	11	3.7	0.00
13/03/2024 04:00	2.4	262	10	3.6	0.00
13/03/2024 04:10	2.7	262	10	3.9	0.00
13/03/2024 04:20	2.6	269	11	3.5	0.00
13/03/2024 04:30	2.5	266	10	3.3	0.00
13/03/2024 04:40	2.5	259	8	3.2	0.00
13/03/2024 04:50	1.7	247	13	2.6	0.00
13/03/2024 05:00	0.2	206	12	0.9	0.00
13/03/2024 05:10	0.4	234	12	1.2	0.00
13/03/2024 05:20					0.00
13/03/2024 05:30					0.00
13/03/2024 05:40					0.00
13/03/2024 05:50					0.00
13/03/2024 06:00	0.9	252	8	1.5	0.00
13/03/2024 06:10	0.6	237	16	1.1	0.00
13/03/2024 06:20					0.00
13/03/2024 06:30					0.00
13/03/2024 06:40	0.0	188	0	0.4	0.00
13/03/2024 06:50	0.0	234	5	0.6	0.00
13/03/2024 07:00	0.0	225	1	0.4	0.00
13/03/2024 07:10	0.0	260	4	0.6	0.00
13/03/2024 07:20	1.1	221	21	1.6	0.00
13/03/2024 07:30	0.9	216	44	1.6	0.00
13/03/2024 07:40	1.2	231	32	2.0	0.00
13/03/2024 07:50	0.7	248	32	1.8	0.00
13/03/2024 08:00	1.2	200	50	2.2	0.00
13/03/2024 08:10	0.9	176	35	1.9	0.00
13/03/2024 08:20	1.5	246	23	2.1	0.00
13/03/2024 08:30	0.6	192	41	1.6	0.00
13/03/2024 08:40	1.3	99	22	2.0	0.00
13/03/2024 08:50	0.8	200	47	1.3	0.00
13/03/2024 09:00	0.7	133	19	2.0	0.00
13/03/2024 09:10	0.5	256	39	1.8	0.00
13/03/2024 09:20	1.6	126	55	2.7	0.00
13/03/2024 09:30	2.9	308	16	4.0	0.00
13/03/2024 09:40	2.1	306	22	3.6	0.00
13/03/2024 09:50	3.0	295	14	4.2	0.00
13/03/2024 10:00	2.3	307	19	3.8	0.00
13/03/2024 10:10	2.5	305	20	3.6	0.00
13/03/2024 10:20	2.5	302	18	3.5	0.00
13/03/2024 10:30	2.5	299	27	4.0	0.00
13/03/2024 10:40	2.4	314	22	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 10:50	2.7	316	18	4.0	0.00
13/03/2024 11:00	2.5	299	26	4.2	0.00
13/03/2024 11:10	2.1	280	31	3.5	0.00
13/03/2024 11:20	3.0	290	18	4.3	0.00
13/03/2024 11:30	2.8	292	19	4.4	0.00
13/03/2024 11:40	3.4	307	12	4.6	0.00
13/03/2024 11:50	3.5	306	14	4.5	0.00
13/03/2024 12:00	3.4	313	20	5.0	0.00
13/03/2024 12:10	3.3	313	15	4.5	0.00
13/03/2024 12:20	2.5	174	31	4.4	0.00
13/03/2024 12:30	3.0	187	23	4.1	0.00
13/03/2024 12:40	3.1	14	23	4.8	0.00
13/03/2024 12:50	3.2	16	20	4.9	0.00
13/03/2024 13:00	3.1	358	24	4.7	0.00
13/03/2024 13:10	3.8	6	21	5.5	0.00
13/03/2024 13:20	4.6	182	17	6.4	0.00
13/03/2024 13:30	4.8	183	21	6.8	0.00
13/03/2024 13:40	4.4	179	22	6.4	0.00
13/03/2024 13:50	4.5	347	24	6.5	0.00
13/03/2024 14:00	4.7	179	19	6.8	0.00
13/03/2024 14:10	4.4	184	22	6.4	0.00
13/03/2024 14:20	4.8	12	20	7.1	0.00
13/03/2024 14:30	4.7	5	20	6.8	0.00
13/03/2024 14:40	4.5	184	21	6.6	0.00
13/03/2024 14:50	4.7	10	17	6.8	0.00
13/03/2024 15:00	4.6	7	20	6.6	0.00
13/03/2024 15:10	4.5	15	18	6.6	0.00
13/03/2024 15:20	4.6	189	20	7.2	0.00
13/03/2024 15:30	4.7	3	21	7.1	0.00
13/03/2024 15:40	4.7	9	21	7.1	0.00
13/03/2024 15:50	4.5	18	21	7.4	0.00
13/03/2024 16:00	4.7	14	22	6.7	0.00
13/03/2024 16:10	4.8	10	21	6.7	0.00
13/03/2024 16:20	4.4	12	23	6.6	0.00
13/03/2024 16:30	4.5	180	21	6.9	0.00
13/03/2024 16:40	4.7	10	20	6.4	0.00
13/03/2024 16:50	4.7	10	21	6.5	0.00
13/03/2024 17:00	4.3	188	17	6.8	0.00
13/03/2024 17:10	4.5	5	21	7.2	0.00
13/03/2024 17:20	4.3	182	20	6.3	0.00
13/03/2024 17:30	4.1	174	21	6.5	0.00
13/03/2024 17:40	2.9	351	30	5.6	0.00
13/03/2024 17:50	3.1	174	23	5.2	0.00
13/03/2024 18:00	3.5	356	26	5.2	0.00
13/03/2024 18:10	3.6	8	20	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 18:20	3.2	178	25	5.5	0.00
13/03/2024 18:30	3.1	343	26	5.1	0.00
13/03/2024 18:40	2.7	346	28	4.8	0.00
13/03/2024 18:50	2.9	339	26	4.9	0.00
13/03/2024 19:00	2.8	324	25	5.0	0.00
13/03/2024 19:10	2.5	337	29	4.1	0.00
13/03/2024 19:20	2.0	342	32	4.0	0.00
13/03/2024 19:30	2.8	337	21	5.4	0.00
13/03/2024 19:40	3.2	321	20	4.8	0.00
13/03/2024 19:50	2.6	323	21	4.5	0.00
13/03/2024 20:00	2.5	324	22	4.3	0.00
13/03/2024 20:10	2.3	343	25	4.0	0.00
13/03/2024 20:20	2.9	337	21	4.8	0.00
13/03/2024 20:30	2.3	334	19	3.7	0.00
13/03/2024 20:40	2.2	346	25	3.8	0.00
13/03/2024 20:50	1.3	342	33	2.5	0.00
13/03/2024 21:00	2.0	346	28	3.4	0.00
13/03/2024 21:10	2.0	341	37	3.8	0.00
13/03/2024 21:20	2.3	325	22	4.3	0.00
13/03/2024 21:30	2.7	318	20	4.3	0.00
13/03/2024 21:40	1.8	326	36	3.2	0.00
13/03/2024 21:50	2.5	313	15	4.1	0.00
13/03/2024 22:00	2.8	319	17	4.4	0.00
13/03/2024 22:10	2.6	310	18	4.2	0.00
13/03/2024 22:20	2.3	309	21	3.7	0.00
13/03/2024 22:30	2.1	308	18	3.5	0.00
13/03/2024 22:40	2.3	302	17	4.0	0.00
13/03/2024 22:50	1.6	282	25	2.5	0.00
13/03/2024 23:00	1.3	276	17	2.2	0.00
13/03/2024 23:10	2.1	265	16	2.8	0.00
13/03/2024 23:20	1.4	272	19	2.3	0.00
13/03/2024 23:30	1.8	273	14	2.8	0.00
13/03/2024 23:40	2.1	269	12	2.7	0.00
13/03/2024 23:50	1.9	253	12	2.7	0.00
14/03/2024 00:00	1.4	257	13	2.0	0.00
14/03/2024 00:10	1.4	245	14	2.0	0.00
14/03/2024 00:20	1.5	246	17	2.0	0.00
14/03/2024 00:30	1.8	234	15	2.6	0.00
14/03/2024 00:40	0.8	225	43	1.6	0.00
14/03/2024 00:50	0.4	227	36	1.2	0.00
14/03/2024 01:00	0.9	226	17	1.6	0.00
14/03/2024 01:10	0.8	216	35	1.6	0.00
14/03/2024 01:20	0.1	148	15	0.8	0.00
14/03/2024 01:30					0.00
14/03/2024 01:40	0.1	238	7	0.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 01:50	0.7	225	19	1.3	0.00
14/03/2024 02:00	0.4	220	27	1.1	0.00
14/03/2024 02:10	0.1	155	8	0.6	0.00
14/03/2024 02:20	0.1	244	23	0.7	0.00
14/03/2024 02:30	0.5	114	58	1.1	0.00
14/03/2024 02:40	1.0	142	59	1.6	0.00
14/03/2024 02:50	1.0	144	53	1.7	0.00
14/03/2024 03:00	0.7	240	55	1.5	0.00
14/03/2024 03:10	0.9	139	49	1.6	0.00
14/03/2024 03:20	0.9	150	28	1.5	0.00
14/03/2024 03:30	0.6	139	20	1.3	0.00
14/03/2024 03:40	0.4	150	14	1.2	0.00
14/03/2024 03:50	1.1	142	23	2.0	0.00
14/03/2024 04:00	1.0	139	14	1.6	0.00
14/03/2024 04:10	1.2	124	7	1.5	0.00
14/03/2024 04:20	0.6	133	6	1.2	0.00
14/03/2024 04:30	0.4	142	9	1.0	0.00
14/03/2024 04:40	0.1	147	5	0.6	0.00
14/03/2024 04:50	0.2	143	8	0.8	0.00
14/03/2024 05:00					0.00
14/03/2024 05:10					0.00
14/03/2024 05:20	0.6	135	10	1.2	0.00
14/03/2024 05:30	0.2	122	4	0.9	0.00
14/03/2024 05:40	0.4	137	10	0.9	0.00
14/03/2024 05:50	1.4	134	12	1.9	0.00
14/03/2024 06:00	1.7	128	10	2.3	0.00
14/03/2024 06:10	1.4	128	11	1.9	0.00
14/03/2024 06:20	1.4	115	8	1.8	0.00
14/03/2024 06:30	1.5	115	9	1.9	0.00
14/03/2024 06:40	1.4	120	9	1.9	0.00
14/03/2024 06:50	1.5	121	9	2.1	0.00
14/03/2024 07:00	1.4	124	11	2.0	0.00
14/03/2024 07:10	1.6	134	13	2.3	0.00
14/03/2024 07:20	2.0	137	16	3.1	0.00
14/03/2024 07:30	2.1	142	18	2.8	0.00
14/03/2024 07:40	2.1	140	17	3.1	0.00
14/03/2024 07:50	2.2	139	19	3.2	0.00
14/03/2024 08:00	2.8	144	17	3.8	0.00
14/03/2024 08:10	2.4	136	14	3.5	0.00
14/03/2024 08:20	2.9	135	16	4.3	0.00
14/03/2024 08:30	3.0	125	15	4.3	0.00
14/03/2024 08:40	3.0	115	18	4.6	0.00
14/03/2024 08:50	3.5	102	16	4.6	0.00
14/03/2024 09:00	3.2	106	15	4.9	0.00
14/03/2024 09:10	3.5	110	15	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 09:20	3.4	109	19	4.8	0.00
14/03/2024 09:30	3.4	108	14	4.9	0.00
14/03/2024 09:40	3.4	99	16	4.7	0.00
14/03/2024 09:50	3.3	95	14	5.0	0.00
14/03/2024 10:00	3.9	82	12	5.5	0.00
14/03/2024 10:10	3.7	82	14	4.9	0.00
14/03/2024 10:20	4.1	78	14	5.7	0.00
14/03/2024 10:30	4.9	71	12	6.8	0.00
14/03/2024 10:40	5.3	68	11	7.2	0.00
14/03/2024 10:50	5.4	70	12	8.0	0.00
14/03/2024 11:00	5.9	76	11	7.9	0.00
14/03/2024 11:10	5.7	74	12	7.4	0.00
14/03/2024 11:20	5.4	78	13	7.5	0.00
14/03/2024 11:30	5.0	73	14	6.3	0.00
14/03/2024 11:40	5.0	74	13	7.2	0.00
14/03/2024 11:50	4.8	76	18	7.0	0.00
14/03/2024 12:00	4.7	79	14	6.7	0.00
14/03/2024 12:10	5.5	78	12	7.8	0.00
14/03/2024 12:20	4.7	79	17	7.4	0.00
14/03/2024 12:30	4.8	85	14	6.4	0.00
14/03/2024 12:40	5.1	67	14	7.0	0.00
14/03/2024 12:50	5.7	73	13	8.5	0.00
14/03/2024 13:00	5.8	82	16	7.8	0.00
14/03/2024 13:10	5.5	76	13	7.5	0.00
14/03/2024 13:20	6.1	78	14	8.6	0.00
14/03/2024 13:30	5.9	83	13	8.0	0.00
14/03/2024 13:40	6.1	74	14	8.8	0.00
14/03/2024 13:50	6.5	74	12	8.4	0.00
14/03/2024 14:00	5.8	76	13	8.3	0.00
14/03/2024 14:10	6.4	71	13	8.7	0.00
14/03/2024 14:20	6.8	69	13	9.1	0.00
14/03/2024 14:30	6.7	71	11	9.9	0.00
14/03/2024 14:40	7.0	74	10	9.2	0.00
14/03/2024 14:50	7.0	75	12	9.9	0.00
14/03/2024 15:00	7.2	72	11	9.5	0.00
14/03/2024 15:10	6.6	66	11	8.8	0.00
14/03/2024 15:20	6.3	64	11	8.3	0.00
14/03/2024 15:30	6.3	72	12	8.7	0.00
14/03/2024 15:40	5.7	69	13	7.9	0.00
14/03/2024 15:50	6.2	69	14	8.3	0.00
14/03/2024 16:00	6.8	68	11	9.1	0.00
14/03/2024 16:10	6.5	71	12	9.0	0.00
14/03/2024 16:20	6.2	75	12	8.5	0.00
14/03/2024 16:30	6.2	62	12	8.0	0.00
14/03/2024 16:40	6.0	64	11	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 16:50	6.1	70	12	7.5	0.00
14/03/2024 17:00	5.5	63	12	6.9	0.00
14/03/2024 17:10	5.3	82	12	7.5	0.00
14/03/2024 17:20	5.1	82	12	7.1	0.00
14/03/2024 17:30	5.7	86	12	7.7	0.00
14/03/2024 17:40	5.5	92	13	7.5	0.00
14/03/2024 17:50	5.1	80	11	7.2	0.00
14/03/2024 18:00	5.4	90	12	7.5	0.00
14/03/2024 18:10	5.2	83	11	7.0	0.00
14/03/2024 18:20	4.9	86	13	6.9	0.00
14/03/2024 18:30	5.2	84	10	6.5	0.00
14/03/2024 18:40	5.2	84	9	6.8	0.00
14/03/2024 18:50	5.2	83	10	7.3	0.00
14/03/2024 19:00	5.2	80	10	6.9	0.00
14/03/2024 19:10	5.4	79	13	7.6	0.00
14/03/2024 19:20	5.3	77	11	7.0	0.00
14/03/2024 19:30	5.3	75	10	7.0	0.00
14/03/2024 19:40	5.5	77	10	7.5	0.00
14/03/2024 19:50	5.0	80	9	7.2	0.00
14/03/2024 20:00	4.8	81	11	6.4	0.00
14/03/2024 20:10	4.5	85	10	6.4	0.00
14/03/2024 20:20	4.8	85	11	6.8	0.00
14/03/2024 20:30	4.4	81	11	5.6	0.00
14/03/2024 20:40	4.4	81	10	6.4	0.00
14/03/2024 20:50	4.8	82	10	6.4	0.00
14/03/2024 21:00	4.3	74	12	6.0	0.00
14/03/2024 21:10	4.7	78	9	6.7	0.00
14/03/2024 21:20	4.5	75	10	5.7	0.00
14/03/2024 21:30	4.3	78	11	5.6	0.00
14/03/2024 21:40	4.4	74	11	6.2	0.00
14/03/2024 21:50	3.9	77	11	5.6	0.00
14/03/2024 22:00	4.8	76	10	6.7	0.00
14/03/2024 22:10	4.5	77	9	6.0	0.00
14/03/2024 22:20	3.7	83	11	5.9	0.00
14/03/2024 22:30	3.5	84	10	5.0	0.00
14/03/2024 22:40	3.6	88	11	5.6	0.00
14/03/2024 22:50	4.1	87	12	5.8	0.00
14/03/2024 23:00	4.3	88	11	5.6	0.00
14/03/2024 23:10	4.2	84	10	5.8	0.00
14/03/2024 23:20	4.0	88	11	5.3	0.00
14/03/2024 23:30	3.7	91	12	5.0	0.00
14/03/2024 23:40	4.0	85	10	5.8	0.00
14/03/2024 23:50	3.3	81	11	4.6	0.00
15/03/2024 00:00	3.7	84	10	5.3	0.00
15/03/2024 00:10	3.5	88	9	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 00:20	3.1	83	9	4.5	0.00
15/03/2024 00:30	3.3	85	11	4.4	0.00
15/03/2024 00:40	3.6	86	11	4.9	0.00
15/03/2024 00:50	3.6	82	10	5.2	0.00
15/03/2024 01:00	3.5	84	8	5.2	0.00
15/03/2024 01:10	3.2	88	10	4.6	0.00
15/03/2024 01:20	2.9	89	11	4.3	0.00
15/03/2024 01:30	2.8	85	11	3.7	0.00
15/03/2024 01:40	3.3	90	10	4.6	0.00
15/03/2024 01:50	3.2	94	10	4.4	0.00
15/03/2024 02:00	3.2	91	9	4.4	0.00
15/03/2024 02:10	3.1	90	8	4.2	0.00
15/03/2024 02:20	2.7	95	13	3.6	0.00
15/03/2024 02:30	2.9	96	13	3.7	0.00
15/03/2024 02:40	2.8	94	11	3.7	0.00
15/03/2024 02:50	3.2	90	7	4.2	0.00
15/03/2024 03:00	3.0	94	11	4.1	0.00
15/03/2024 03:10	3.4	92	11	4.7	0.00
15/03/2024 03:20	3.2	93	9	4.1	0.00
15/03/2024 03:30	3.1	86	10	4.0	0.00
15/03/2024 03:40	3.6	86	9	4.8	0.00
15/03/2024 03:50	2.9	90	10	3.9	0.00
15/03/2024 04:00	3.2	100	12	4.9	0.00
15/03/2024 04:10	4.3	109	11	5.7	0.00
15/03/2024 04:20	3.7	104	11	5.1	0.00
15/03/2024 04:30	4.0	109	9	5.6	0.00
15/03/2024 04:40	3.8	105	11	5.2	0.00
15/03/2024 04:50	3.6	106	11	5.3	0.00
15/03/2024 05:00	4.4	108	11	6.4	0.00
15/03/2024 05:10	4.0	109	10	5.6	0.00
15/03/2024 05:20	3.9	109	11	5.7	0.00
15/03/2024 05:30	4.0	107	10	5.6	0.00
15/03/2024 05:40	4.4	109	13	6.4	0.00
15/03/2024 05:50	5.0	110	10	6.8	0.00
15/03/2024 06:00	4.6	101	13	6.8	0.00
15/03/2024 06:10	5.0	97	13	7.1	0.00
15/03/2024 06:20	4.6	93	11	6.8	0.00
15/03/2024 06:30	5.7	95	11	8.2	0.00
15/03/2024 06:40	5.6	99	12	8.2	0.00
15/03/2024 06:50	5.3	99	12	7.5	0.00
15/03/2024 07:00	4.8	100	13	7.0	0.00
15/03/2024 07:10	5.7	103	12	8.0	0.00
15/03/2024 07:20	5.5	105	12	8.2	0.00
15/03/2024 07:30	6.2	106	12	9.1	0.00
15/03/2024 07:40	5.9	99	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 07:50	6.5	105	11	9.1	0.00
15/03/2024 08:00	5.8	101	13	8.5	0.00
15/03/2024 08:10	5.7	104	13	7.9	0.00
15/03/2024 08:20	5.6	99	14	7.8	0.00
15/03/2024 08:30	6.2	96	13	8.3	0.00
15/03/2024 08:40	6.7	105	13	9.2	0.00
15/03/2024 08:50	6.6	98	12	8.6	0.00
15/03/2024 09:00	7.4	93	12	10.3	0.00
15/03/2024 09:10	6.8	93	10	9.5	0.00
15/03/2024 09:20	7.3	88	10	9.9	0.00
15/03/2024 09:30	6.6	93	11	8.7	0.00
15/03/2024 09:40	7.3	95	12	9.5	0.00
15/03/2024 09:50	7.7	85	12	10.3	0.00
15/03/2024 10:00	7.9	93	11	11.0	0.00
15/03/2024 10:10	7.0	98	13	10.4	0.00
15/03/2024 10:20	7.5	98	11	11.0	0.00
15/03/2024 10:30	7.8	95	12	11.0	0.00
15/03/2024 10:40	7.4	95	13	10.6	0.00
15/03/2024 10:50	6.7	100	13	9.8	0.00
15/03/2024 11:00	6.8	94	11	10.0	0.00
15/03/2024 11:10	7.6	93	12	10.2	0.00
15/03/2024 11:20	6.8	90	12	9.8	0.00
15/03/2024 11:30	6.7	92	13	9.6	0.00
15/03/2024 11:40	6.9	90	13	9.9	0.00
15/03/2024 11:50	7.2	91	14	10.7	0.00
15/03/2024 12:00	7.7	94	13	10.2	0.00
15/03/2024 12:10	7.5	96	13	10.6	0.00
15/03/2024 12:20	8.5	94	10	10.6	0.00
15/03/2024 12:30	7.6	97	12	11.2	0.00
15/03/2024 12:40	8.2	92	12	10.6	0.00
15/03/2024 12:50	7.8	91	12	10.6	0.00
15/03/2024 13:00	7.5	90	12	10.8	0.00
15/03/2024 13:10	7.3	82	12	9.9	0.00
15/03/2024 13:20	7.4	82	11	10.5	0.00
15/03/2024 13:30	7.8	81	12	10.9	0.00
15/03/2024 13:40	7.5	87	13	10.2	0.00
15/03/2024 13:50	7.9	83	14	10.4	0.00
15/03/2024 14:00	7.3	81	13	9.9	0.00
15/03/2024 14:10	8.1	76	12	10.7	0.00
15/03/2024 14:20	7.5	77	12	9.8	0.00
15/03/2024 14:30	7.4	79	11	9.9	0.00
15/03/2024 14:40	7.8	75	11	10.8	0.00
15/03/2024 14:50	7.4	83	12	9.6	0.00
15/03/2024 15:00	6.8	78	11	10.1	0.00
15/03/2024 15:10	7.4	77	13	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 15:20	6.9	63	11	9.5	0.00
15/03/2024 15:30	7.0	67	13	9.8	0.00
15/03/2024 15:40	6.8	64	14	10.2	0.00
15/03/2024 15:50	7.2	58	13	10.3	0.00
15/03/2024 16:00	8.0	65	11	11.1	0.00
15/03/2024 16:10	7.2	63	13	10.5	0.00
15/03/2024 16:20	7.2	57	12	9.6	0.00
15/03/2024 16:30	8.2	59	11	11.0	0.00
15/03/2024 16:40	7.7	59	13	11.4	0.00
15/03/2024 16:50	8.2	61	13	11.5	0.00
15/03/2024 17:00	6.6	63	12	9.8	0.00
15/03/2024 17:10	7.6	59	11	10.3	0.00
15/03/2024 17:20	6.6	61	13	8.9	0.00
15/03/2024 17:30	7.6	64	11	9.7	0.00
15/03/2024 17:40	6.8	65	11	9.5	0.00
15/03/2024 17:50	6.5	63	12	9.7	0.00
15/03/2024 18:00	6.4	64	11	9.5	0.00
15/03/2024 18:10	6.5	70	11	8.7	0.00
15/03/2024 18:20	5.6	70	12	7.7	0.00
15/03/2024 18:30	5.6	70	11	7.9	0.00
15/03/2024 18:40	5.5	65	12	7.5	0.00
15/03/2024 18:50	6.0	66	12	7.7	0.00
15/03/2024 19:00	5.5	68	10	8.3	0.00
15/03/2024 19:10	5.4	67	11	7.5	0.00
15/03/2024 19:20	5.5	68	10	7.0	0.00
15/03/2024 19:30	5.4	68	11	7.5	0.00
15/03/2024 19:40	5.3	77	10	7.9	0.00
15/03/2024 19:50	5.6	73	10	7.5	0.00
15/03/2024 20:00	5.5	67	11	7.8	0.00
15/03/2024 20:10	5.1	68	11	7.3	0.00
15/03/2024 20:20	5.4	65	10	7.1	0.00
15/03/2024 20:30	4.9	70	12	7.6	0.00
15/03/2024 20:40	4.9	67	11	6.6	0.00
15/03/2024 20:50	5.2	68	12	7.3	0.00
15/03/2024 21:00	5.7	67	11	7.9	0.00
15/03/2024 21:10	4.8	68	13	6.8	0.00
15/03/2024 21:20	5.0	70	11	6.9	0.00
15/03/2024 21:30	5.3	75	11	6.7	0.00
15/03/2024 21:40	5.2	72	9	6.4	0.00
15/03/2024 21:50	4.4	68	10	6.3	0.00
15/03/2024 22:00	4.4	74	10	6.0	0.00
15/03/2024 22:10	4.4	77	11	5.7	0.00
15/03/2024 22:20	3.8	82	12	4.9	0.00
15/03/2024 22:30	3.8	78	10	5.3	0.00
15/03/2024 22:40	3.3	85	11	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 22:50	3.5	81	12	4.4	0.00
15/03/2024 23:00	4.0	83	11	5.6	0.00
15/03/2024 23:10	3.4	84	12	4.7	0.00
15/03/2024 23:20	3.4	87	13	4.7	0.00
15/03/2024 23:30	3.4	82	10	5.0	0.00
15/03/2024 23:40	3.2	85	14	4.4	0.00
15/03/2024 23:50	3.6	86	9	5.0	0.00
16/03/2024 00:00	3.6	81	10	4.9	0.00
16/03/2024 00:10	2.8	82	13	3.9	0.00
16/03/2024 00:20	3.1	78	9	4.0	0.00
16/03/2024 00:30	3.5	82	10	4.8	0.00
16/03/2024 00:40	4.1	83	10	5.5	0.00
16/03/2024 00:50	3.8	76	9	4.9	0.00
16/03/2024 01:00	3.1	77	12	4.4	0.00
16/03/2024 01:10	3.5	73	12	5.0	0.00
16/03/2024 01:20	2.5	79	11	3.3	0.00
16/03/2024 01:30	3.2	87	11	4.4	0.00
16/03/2024 01:40	3.4	78	10	4.7	0.00
16/03/2024 01:50	3.4	80	9	4.3	0.00
16/03/2024 02:00	3.0	84	10	4.2	0.00
16/03/2024 02:10	3.4	80	10	4.7	0.00
16/03/2024 02:20	3.4	77	11	4.4	0.00
16/03/2024 02:30	3.0	78	10	4.2	0.00
16/03/2024 02:40	2.9	84	11	4.2	0.00
16/03/2024 02:50	2.5	84	9	3.6	0.00
16/03/2024 03:00	3.0	89	12	4.2	0.00
16/03/2024 03:10	3.0	93	11	4.4	0.00
16/03/2024 03:20	3.0	88	12	4.0	0.00
16/03/2024 03:30	3.4	96	13	4.8	0.00
16/03/2024 03:40	3.6	102	16	5.4	0.00
16/03/2024 03:50	3.1	129	15	4.4	0.00
16/03/2024 04:00	3.0	127	14	4.4	0.00
16/03/2024 04:10	3.0	128	14	4.2	0.00
16/03/2024 04:20	3.1	127	14	4.4	0.00
16/03/2024 04:30	2.9	124	16	4.3	0.00
16/03/2024 04:40	3.4	126	14	5.2	0.00
16/03/2024 04:50	3.3	128	15	4.8	0.00
16/03/2024 05:00	3.3	124	14	5.6	0.00
16/03/2024 05:10	3.6	121	16	5.2	0.00
16/03/2024 05:20	3.0	130	15	4.3	0.00
16/03/2024 05:30	3.5	124	15	5.0	0.00
16/03/2024 05:40	3.8	122	13	5.8	0.00
16/03/2024 05:50	4.5	121	12	6.3	0.00
16/03/2024 06:00	3.9	120	15	5.7	0.00
16/03/2024 06:10	4.1	114	14	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 06:20	4.6	106	12	6.2	0.00
16/03/2024 06:30	4.4	115	11	6.8	0.00
16/03/2024 06:40	4.3	126	12	6.0	0.00
16/03/2024 06:50	4.5	125	14	6.6	0.00
16/03/2024 07:00	4.5	126	14	6.7	0.00
16/03/2024 07:10	4.6	123	13	6.8	0.00
16/03/2024 07:20	5.0	125	13	7.9	0.00
16/03/2024 07:30	4.4	132	16	6.6	0.00
16/03/2024 07:40	4.6	131	16	7.2	0.00
16/03/2024 07:50	4.5	122	15	6.7	0.00
16/03/2024 08:00	5.4	128	13	8.2	0.00
16/03/2024 08:10	5.2	127	15	7.3	0.00
16/03/2024 08:20	5.9	125	14	8.3	0.00
16/03/2024 08:30	6.0	123	15	8.9	0.00
16/03/2024 08:40	6.5	116	14	10.1	0.00
16/03/2024 08:50	6.7	111	12	9.5	0.00
16/03/2024 09:00	6.8	115	12	9.9	0.00
16/03/2024 09:10	6.8	115	12	9.4	0.00
16/03/2024 09:20	6.2	111	13	8.8	0.00
16/03/2024 09:30	6.8	110	15	9.9	0.00
16/03/2024 09:40	6.5	105	12	9.1	0.00
16/03/2024 09:50	6.9	106	12	9.3	0.00
16/03/2024 10:00	6.5	115	12	8.9	0.00
16/03/2024 10:10	5.8	102	12	8.4	0.00
16/03/2024 10:20	6.6	94	12	8.7	0.00
16/03/2024 10:30	6.5	101	12	9.1	0.00
16/03/2024 10:40	7.0	91	11	10.2	0.00
16/03/2024 10:50	7.2	92	12	10.2	0.00
16/03/2024 11:00	7.9	85	10	10.5	0.00
16/03/2024 11:10	7.6	89	12	10.7	0.00
16/03/2024 11:20	6.7	93	14	9.9	0.00
16/03/2024 11:30	7.9	89	12	10.6	0.00
16/03/2024 11:40	7.2	88	13	10.7	0.00
16/03/2024 11:50	6.8	94	12	9.5	0.00
16/03/2024 12:00	6.8	79	12	10.1	0.00
16/03/2024 12:10	7.3	75	13	10.0	0.00
16/03/2024 12:20	7.7	76	12	10.1	0.00
16/03/2024 12:30	7.3	70	12	9.9	0.00
16/03/2024 12:40	7.0	82	12	9.2	0.00
16/03/2024 12:50	7.5	72	11	10.1	0.00
16/03/2024 13:00	6.5	76	11	8.6	0.00
16/03/2024 13:10	7.0	73	14	9.5	0.00
16/03/2024 13:20	6.6	63	12	8.6	0.00
16/03/2024 13:30	7.0	64	11	9.1	0.00
16/03/2024 13:40	6.5	64	13	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 13:50	6.2	65	14	8.5	0.00
16/03/2024 14:00	7.2	67	14	9.9	0.00
16/03/2024 14:10	6.7	53	12	9.0	0.00
16/03/2024 14:20	7.0	50	12	9.1	0.00
16/03/2024 14:30	7.0	52	11	9.1	0.00
16/03/2024 14:40	7.1	53	12	8.9	0.00
16/03/2024 14:50	7.6	53	11	9.7	0.00
16/03/2024 15:00	7.8	51	12	10.4	0.00
16/03/2024 15:10	7.9	56	11	10.5	0.00
16/03/2024 15:20	7.6	58	12	10.4	0.00
16/03/2024 15:30	7.3	61	13	9.7	0.00
16/03/2024 15:40	7.0	55	13	9.9	0.00
16/03/2024 15:50	7.7	61	12	10.8	0.00
16/03/2024 16:00	7.0	62	12	11.0	0.00
16/03/2024 16:10	7.3	60	12	10.2	0.00
16/03/2024 16:20	7.8	64	12	10.3	0.00
16/03/2024 16:30	7.1	61	11	9.9	0.00
16/03/2024 16:40	8.0	51	12	11.3	0.00
16/03/2024 16:50	7.6	59	12	11.1	0.00
16/03/2024 17:00	7.7	60	11	10.3	0.00
16/03/2024 17:10	7.0	53	13	10.4	0.00
16/03/2024 17:20	7.0	62	11	9.5	0.00
16/03/2024 17:30	6.3	62	10	8.8	0.00
16/03/2024 17:40	6.4	67	12	8.5	0.00
16/03/2024 17:50	6.6	63	8	8.3	0.00
16/03/2024 18:00	6.2	64	9	8.6	0.00
16/03/2024 18:10	6.5	64	12	9.8	0.00
16/03/2024 18:20	6.1	61	13	8.5	0.00
16/03/2024 18:30	5.0	59	14	7.4	0.00
16/03/2024 18:40	5.8	60	14	8.1	0.00
16/03/2024 18:50	5.7	61	11	8.1	0.00
16/03/2024 19:00	5.5	58	11	7.5	0.00
16/03/2024 19:10	5.6	58	12	8.4	0.00
16/03/2024 19:20	5.9	56	13	8.3	0.00
16/03/2024 19:30	5.5	48	12	7.6	0.00
16/03/2024 19:40	5.6	41	12	7.5	0.00
16/03/2024 19:50	6.0	49	13	7.9	0.00
16/03/2024 20:00	5.1	42	13	6.8	0.00
16/03/2024 20:10	5.0	48	14	6.8	0.00
16/03/2024 20:20	5.0	45	13	6.4	0.00
16/03/2024 20:30	5.6	44	14	7.4	0.00
16/03/2024 20:40	5.8	43	13	8.3	0.00
16/03/2024 20:50	5.1	48	12	7.2	0.00
16/03/2024 21:00	5.7	51	12	7.7	0.00
16/03/2024 21:10	6.1	48	12	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 21:20	5.3	52	12	7.3	0.00
16/03/2024 21:30	4.4	54	14	6.0	0.00
16/03/2024 21:40	4.7	53	13	6.6	0.00
16/03/2024 21:50	4.9	52	12	7.1	0.00
16/03/2024 22:00	3.4	60	10	5.1	0.00
16/03/2024 22:10	3.2	69	12	4.8	0.00
16/03/2024 22:20	3.6	66	11	5.0	0.00
16/03/2024 22:30	3.2	86	12	4.4	0.00
16/03/2024 22:40	3.3	77	9	4.8	0.00
16/03/2024 22:50	3.8	77	10	5.0	0.00
16/03/2024 23:00	3.6	74	10	5.1	0.00
16/03/2024 23:10	3.7	78	11	4.8	0.00
16/03/2024 23:20	3.6	75	11	5.0	0.00
16/03/2024 23:30	3.4	67	10	5.2	0.00
16/03/2024 23:40	3.6	80	10	5.0	0.00
16/03/2024 23:50	3.1	78	9	4.1	0.00
17/03/2024 00:00	3.5	76	9	5.1	0.00
17/03/2024 00:10	3.0	79	12	4.0	0.00
17/03/2024 00:20	3.5	82	10	4.8	0.00
17/03/2024 00:30	3.1	81	12	4.2	0.00
17/03/2024 00:40	3.2	82	11	4.4	0.00
17/03/2024 00:50	3.1	79	10	4.3	0.00
17/03/2024 01:00	3.0	84	13	4.6	0.00
17/03/2024 01:10	3.0	78	10	4.0	0.00
17/03/2024 01:20	3.4	74	10	4.4	0.00
17/03/2024 01:30	3.0	77	11	3.9	0.00
17/03/2024 01:40	3.0	79	13	4.2	0.00
17/03/2024 01:50	2.8	72	11	3.8	0.00
17/03/2024 02:00	2.9	81	10	4.4	0.00
17/03/2024 02:10	3.0	84	10	4.0	0.00
17/03/2024 02:20	2.7	81	10	3.6	0.00
17/03/2024 02:30	2.8	74	10	3.7	0.00
17/03/2024 02:40	3.0	76	11	4.2	0.00
17/03/2024 02:50	3.4	74	11	4.6	0.00
17/03/2024 03:00	3.4	79	11	4.5	0.00
17/03/2024 03:10	3.4	82	10	4.5	0.00
17/03/2024 03:20	3.4	81	11	4.4	0.00
17/03/2024 03:30	3.3	79	10	4.6	0.00
17/03/2024 03:40	3.1	77	10	4.4	0.00
17/03/2024 03:50	2.8	82	11	4.0	0.00
17/03/2024 04:00	3.0	83	10	4.0	0.00
17/03/2024 04:10	2.9	78	11	4.0	0.00
17/03/2024 04:20	3.3	76	12	4.4	0.00
17/03/2024 04:30	3.0	77	11	4.4	0.00
17/03/2024 04:40	3.6	72	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 04:50	3.5	74	10	4.9	0.00
17/03/2024 05:00	3.4	71	10	4.7	0.00
17/03/2024 05:10	3.8	76	10	5.3	0.00
17/03/2024 05:20	3.7	75	11	4.9	0.00
17/03/2024 05:30	3.5	75	12	4.5	0.00
17/03/2024 05:40	3.4	73	11	5.2	0.00
17/03/2024 05:50	3.4	74	11	4.4	0.00
17/03/2024 06:00	3.4	67	11	4.7	0.00
17/03/2024 06:10	2.9	76	10	4.2	0.00
17/03/2024 06:20	3.4	78	9	5.1	0.00
17/03/2024 06:30	3.1	82	10	4.0	0.00
17/03/2024 06:40	3.4	82	10	4.5	0.00
17/03/2024 06:50	3.2	75	10	4.4	0.00
17/03/2024 07:00	3.6	75	10	4.6	0.00
17/03/2024 07:10	4.0	78	9	5.7	0.00
17/03/2024 07:20	4.3	76	10	6.0	0.00
17/03/2024 07:30	4.1	83	11	5.3	0.00
17/03/2024 07:40	4.0	74	9	5.6	0.00
17/03/2024 07:50	3.9	80	11	5.2	0.00
17/03/2024 08:00	4.4	81	11	5.6	0.00
17/03/2024 08:10	4.7	86	13	6.1	0.00
17/03/2024 08:20	4.7	86	11	6.2	0.00
17/03/2024 08:30	4.7	83	12	6.4	0.00
17/03/2024 08:40	5.0	81	12	6.6	0.00
17/03/2024 08:50	4.2	81	15	5.8	0.00
17/03/2024 09:00	4.7	79	12	6.9	0.00
17/03/2024 09:10	4.3	93	16	5.8	0.00
17/03/2024 09:20	4.6	96	14	6.4	0.00
17/03/2024 09:30	4.9	91	12	6.6	0.00
17/03/2024 09:40	4.4	92	15	5.9	0.00
17/03/2024 09:50	4.5	96	14	6.8	0.00
17/03/2024 10:00	4.5	94	14	6.5	0.00
17/03/2024 10:10	5.0	90	12	6.8	0.00
17/03/2024 10:20	4.9	75	16	7.2	0.00
17/03/2024 10:30	5.4	76	11	7.8	0.00
17/03/2024 10:40	6.0	68	13	7.9	0.00
17/03/2024 10:50	7.4	74	14	12.2	0.00
17/03/2024 11:00	11.8	79	11	16.6	1.10
17/03/2024 11:10	11.4	80	10	15.7	0.80
17/03/2024 11:20	10.0	81	9	14.8	0.60
17/03/2024 11:30	11.0	77	10	15.9	2.00
17/03/2024 11:40	8.6	80	11	11.9	1.10
17/03/2024 11:50	8.4	83	10	12.4	1.10
17/03/2024 12:00	7.8	86	11	10.5	0.80
17/03/2024 12:10	7.6	91	12	10.1	0.20



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 12:20	5.2	89	11	7.9	0.00
17/03/2024 12:30	4.9	83	10	6.9	0.00
17/03/2024 12:40	5.6	80	10	7.8	0.00
17/03/2024 12:50	4.4	82	10	6.0	0.00
17/03/2024 13:00	4.6	84	11	6.2	0.00
17/03/2024 13:10	4.1	80	11	5.7	0.00
17/03/2024 13:20	4.4	79	9	5.7	0.00
17/03/2024 13:30	4.6	74	11	5.9	0.00
17/03/2024 13:40	4.7	69	11	6.7	0.00
17/03/2024 13:50	4.8	68	11	6.6	0.00
17/03/2024 14:00	4.2	62	11	6.0	0.00
17/03/2024 14:10	4.8	64	12	6.4	0.00
17/03/2024 14:20	5.0	71	13	6.8	0.00
17/03/2024 14:30	5.5	74	11	7.2	0.00
17/03/2024 14:40	5.7	74	12	7.2	0.00
17/03/2024 14:50	5.2	76	10	7.2	0.00
17/03/2024 15:00	5.4	74	13	7.3	0.00
17/03/2024 15:10	4.7	72	16	6.5	0.00
17/03/2024 15:20	4.6	72	10	7.1	0.00
17/03/2024 15:30	5.4	71	13	8.1	0.00
17/03/2024 15:40	5.8	76	11	7.7	0.00
17/03/2024 15:50	5.6	70	12	7.6	0.00
17/03/2024 16:00	5.1	72	10	7.3	0.00
17/03/2024 16:10	5.3	71	10	6.9	0.00
17/03/2024 16:20	5.2	75	10	6.8	0.00
17/03/2024 16:30	4.8	79	11	6.4	0.00
17/03/2024 16:40	4.5	75	11	6.4	0.00
17/03/2024 16:50	5.2	75	10	6.7	0.00
17/03/2024 17:00	5.5	77	10	7.1	0.00
17/03/2024 17:10	4.7	74	11	6.5	0.00
17/03/2024 17:20	4.7	70	11	6.6	0.00
17/03/2024 17:30	4.1	67	11	5.8	0.00
17/03/2024 17:40	4.3	66	11	5.8	0.00
17/03/2024 17:50	4.2	69	11	6.0	0.00
17/03/2024 18:00	4.4	65	11	6.2	0.00
17/03/2024 18:10	4.1	61	11	5.7	0.00
17/03/2024 18:20	3.9	65	11	5.4	0.00
17/03/2024 18:30	4.1	57	12	5.9	0.00
17/03/2024 18:40	4.4	53	11	5.9	0.00
17/03/2024 18:50	3.8	60	10	5.8	0.00
17/03/2024 19:00	3.4	60	12	4.7	0.00
17/03/2024 19:10	3.7	58	11	5.4	0.00
17/03/2024 19:20	3.8	58	10	5.6	0.00
17/03/2024 19:30	3.5	63	11	4.8	0.00
17/03/2024 19:40	2.8	68	12	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 19:50	2.8	75	10	3.9	0.00
17/03/2024 20:00	2.8	77	12	3.7	0.00
17/03/2024 20:10	3.2	67	10	4.6	0.00
17/03/2024 20:20	3.3	61	13	4.7	0.00
17/03/2024 20:30	4.4	57	15	5.8	0.00
17/03/2024 20:40	3.5	26	17	5.7	0.00
17/03/2024 20:50	3.3	33	16	5.2	0.00
17/03/2024 21:00	3.5	41	12	4.8	0.00
17/03/2024 21:10	2.8	45	12	4.0	0.00
17/03/2024 21:20	2.6	52	11	3.8	0.00
17/03/2024 21:30	2.6	50	12	3.6	0.10
17/03/2024 21:40	2.2	64	11	3.1	0.10
17/03/2024 21:50	1.8	68	9	2.5	0.10
17/03/2024 22:00	2.6	71	9	3.8	0.00
17/03/2024 22:10	3.0	74	8	4.0	0.00
17/03/2024 22:20	2.3	75	9	3.3	0.00
17/03/2024 22:30	3.1	74	9	4.1	0.00
17/03/2024 22:40	2.9	60	10	4.1	0.00
17/03/2024 22:50	3.3	53	10	4.4	0.00
17/03/2024 23:00	2.9	54	10	3.8	0.00
17/03/2024 23:10	2.5	62	11	3.5	0.00
17/03/2024 23:20	2.5	73	10	3.4	0.00
17/03/2024 23:30	2.5	83	9	3.3	0.00
17/03/2024 23:40	2.2	87	9	3.0	0.00
17/03/2024 23:50	2.4	80	9	3.2	0.00
18/03/2024 00:00	2.7	68	10	3.6	0.00
18/03/2024 00:10	2.5	72	7	3.2	0.00
18/03/2024 00:20	2.8	75	8	3.7	0.00
18/03/2024 00:30	2.7	75	9	3.5	0.00
18/03/2024 00:40	3.1	72	9	4.0	0.00
18/03/2024 00:50	2.9	79	9	3.7	0.00
18/03/2024 01:00	2.6	77	10	3.6	0.00
18/03/2024 01:10	2.4	76	10	3.5	0.00
18/03/2024 01:20	2.9	77	9	3.7	0.00
18/03/2024 01:30	3.0	75	9	3.8	0.00
18/03/2024 01:40	3.0	81	10	4.0	0.00
18/03/2024 01:50	3.3	87	9	4.6	0.00
18/03/2024 02:00	3.2	84	10	4.3	0.00
18/03/2024 02:10	3.6	80	9	4.8	0.00
18/03/2024 02:20	3.9	83	10	5.1	0.00
18/03/2024 02:30	4.1	100	11	5.6	0.00
18/03/2024 02:40	3.5	122	15	5.7	0.00
18/03/2024 02:50	3.3	129	16	5.5	0.30
18/03/2024 03:00	4.2	129	16	6.8	0.10
18/03/2024 03:10	6.0	132	16	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 03:20	6.4	127	15	9.2	0.10
18/03/2024 03:30	5.7	130	13	8.0	0.40
18/03/2024 03:40	5.3	127	15	8.3	0.00
18/03/2024 03:50	4.8	125	14	7.4	0.00
18/03/2024 04:00	5.2	117	11	7.9	0.00
18/03/2024 04:10	4.9	111	13	7.0	0.00
18/03/2024 04:20	5.1	107	11	7.6	0.00
18/03/2024 04:30	4.9	107	11	6.8	0.00
18/03/2024 04:40	5.0	107	10	6.8	0.00
18/03/2024 04:50	4.6	110	10	6.1	0.00
18/03/2024 05:00	4.5	108	9	6.2	0.00
18/03/2024 05:10	4.0	109	9	5.4	0.00
18/03/2024 05:20	3.8	106	10	5.0	0.00
18/03/2024 05:30	3.0	100	12	4.1	0.00
18/03/2024 05:40	3.6	96	11	4.9	0.00
18/03/2024 05:50	3.7	89	10	5.1	0.00
18/03/2024 06:00	3.3	89	10	4.6	0.00
18/03/2024 06:10	2.9	93	11	4.3	0.00
18/03/2024 06:20	2.8	92	10	4.1	0.00
18/03/2024 06:30	2.7	89	11	3.5	0.00
18/03/2024 06:40	2.6	91	10	3.3	0.00
18/03/2024 06:50	3.2	88	9	4.4	0.00
18/03/2024 07:00	3.3	90	9	4.4	0.00
18/03/2024 07:10	3.3	87	9	4.9	0.00
18/03/2024 07:20	3.2	89	13	4.4	0.00
18/03/2024 07:30	3.1	89	12	4.3	0.00
18/03/2024 07:40	4.2	81	10	5.9	0.10
18/03/2024 07:50	4.2	75	9	5.5	0.30
18/03/2024 08:00	3.8	70	10	5.3	0.10
18/03/2024 08:10	3.1	71	9	4.4	0.20
18/03/2024 08:20	3.3	70	12	4.7	0.00
18/03/2024 08:30	3.1	74	9	4.8	0.00
18/03/2024 08:40	3.9	73	10	5.2	0.00
18/03/2024 08:50	4.1	76	11	5.5	0.00
18/03/2024 09:00	4.6	70	9	5.8	0.00
18/03/2024 09:10	4.4	70	15	6.1	0.00
18/03/2024 09:20	4.5	78	11	6.1	0.00
18/03/2024 09:30	4.7	74	11	6.0	0.00
18/03/2024 09:40	4.3	55	17	5.6	0.00
18/03/2024 09:50	4.4	64	15	6.4	0.00
18/03/2024 10:00	4.2	66	14	5.9	0.00
18/03/2024 10:10	4.4	60	17	6.2	0.00
18/03/2024 10:20	4.5	56	13	5.8	0.00
18/03/2024 10:30	4.5	57	14	6.2	0.00
18/03/2024 10:40	4.5	51	14	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 10:50	3.9	48	17	5.6	0.00
18/03/2024 11:00	4.5	53	14	6.4	0.00
18/03/2024 11:10	4.9	40	17	7.3	0.00
18/03/2024 11:20	5.4	50	12	7.3	0.00
18/03/2024 11:30	5.1	57	12	7.6	0.00
18/03/2024 11:40	5.0	47	13	7.0	0.00
18/03/2024 11:50	5.1	47	16	7.2	0.00
18/03/2024 12:00	5.3	48	14	7.2	0.00
18/03/2024 12:10	4.7	45	15	6.6	0.00
18/03/2024 12:20	4.6	47	18	7.1	0.00
18/03/2024 12:30	4.7	57	13	5.9	0.00
18/03/2024 12:40	4.8	50	14	6.6	0.00
18/03/2024 12:50	4.7	54	13	6.8	0.00
18/03/2024 13:00	4.7	50	14	7.0	0.00
18/03/2024 13:10	4.9	54	15	7.2	0.00
18/03/2024 13:20	5.3	52	11	6.9	0.00
18/03/2024 13:30	5.2	52	11	7.2	0.00
18/03/2024 13:40	5.2	52	14	6.9	0.00
18/03/2024 13:50	5.1	49	11	6.5	0.00
18/03/2024 14:00	4.0	52	17	5.7	0.00
18/03/2024 14:10	4.0	46	15	6.0	0.00
18/03/2024 14:20	4.0	51	14	5.6	0.00
18/03/2024 14:30	4.5	59	14	6.0	0.00
18/03/2024 14:40	4.0	59	14	5.6	0.00
18/03/2024 14:50	4.0	49	15	6.0	0.00
18/03/2024 15:00	4.3	46	14	6.1	0.00
18/03/2024 15:10	4.3	50	16	5.9	0.00
18/03/2024 15:20	4.9	71	11	6.5	0.00
18/03/2024 15:30	4.9	80	11	7.1	0.00
18/03/2024 15:40	5.2	80	10	6.4	0.00
18/03/2024 15:50	4.6	82	12	6.8	0.00
18/03/2024 16:00	5.4	76	10	6.8	0.00
18/03/2024 16:10	5.9	83	10	7.6	0.00
18/03/2024 16:20	5.2	78	11	7.0	0.00
18/03/2024 16:30	4.9	76	11	6.6	0.00
18/03/2024 16:40	4.8	72	11	6.6	0.00
18/03/2024 16:50	4.9	77	10	6.5	0.00
18/03/2024 17:00	4.4	69	12	6.3	0.00
18/03/2024 17:10	4.1	58	13	5.5	0.00
18/03/2024 17:20	4.1	65	12	5.6	0.00
18/03/2024 17:30	4.7	77	10	6.6	0.00
18/03/2024 17:40	4.2	77	11	5.6	0.00
18/03/2024 17:50	4.6	80	10	6.4	0.00
18/03/2024 18:00	4.6	77	9	6.3	0.00
18/03/2024 18:10	4.0	68	12	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 18:20	4.1	69	12	5.5	0.00
18/03/2024 18:30	4.4	67	9	5.6	0.00
18/03/2024 18:40	3.7	59	11	5.5	0.00
18/03/2024 18:50	3.7	59	11	5.4	0.00
18/03/2024 19:00	4.1	56	11	5.3	0.00
18/03/2024 19:10	3.7	59	11	5.0	0.00
18/03/2024 19:20	3.8	58	10	4.8	0.00
18/03/2024 19:30	3.2	53	12	4.8	0.00
18/03/2024 19:40	3.9	57	12	5.2	0.00
18/03/2024 19:50	3.8	58	11	5.2	0.00
18/03/2024 20:00	3.4	65	9	4.6	0.00
18/03/2024 20:10	2.8	67	9	3.9	0.00
18/03/2024 20:20	3.4	71	10	4.4	0.00
18/03/2024 20:30	3.2	72	11	4.4	0.00
18/03/2024 20:40	2.8	63	12	4.1	0.00
18/03/2024 20:50	2.2	64	13	3.0	0.00
18/03/2024 21:00	2.6	70	9	3.6	0.00
18/03/2024 21:10	3.0	70	11	4.4	0.00
18/03/2024 21:20	2.6	68	10	3.6	0.00
18/03/2024 21:30	2.5	71	10	3.4	0.00
18/03/2024 21:40	2.6	68	9	3.4	0.00
18/03/2024 21:50	2.4	72	11	3.6	0.00
18/03/2024 22:00	2.7	69	10	3.6	0.00
18/03/2024 22:10	2.5	71	9	3.4	0.00
18/03/2024 22:20	2.4	74	9	3.2	0.00
18/03/2024 22:30	2.5	77	9	3.2	0.00
18/03/2024 22:40	2.6	74	10	3.6	0.00
18/03/2024 22:50	2.7	75	10	3.4	0.00
18/03/2024 23:00	3.1	68	9	4.0	0.00
18/03/2024 23:10	2.6	63	11	3.6	0.00
18/03/2024 23:20	2.8	61	10	3.6	0.00
18/03/2024 23:30	2.6	63	11	3.6	0.00
18/03/2024 23:40	2.5	67	10	3.3	0.00
18/03/2024 23:50	2.3	69	10	3.2	0.00
19/03/2024 00:00	2.2	73	10	3.0	0.00
19/03/2024 00:10	2.5	77	8	3.6	0.00
19/03/2024 00:20	2.7	75	9	3.5	0.00
19/03/2024 00:30	3.1	75	10	4.3	0.00
19/03/2024 00:40	3.3	75	8	4.3	0.00
19/03/2024 00:50	3.2	75	9	4.1	0.00
19/03/2024 01:00	3.3	78	10	4.3	0.00
19/03/2024 01:10	3.2	78	9	4.2	0.00
19/03/2024 01:20	3.2	80	8	4.2	0.00
19/03/2024 01:30	2.8	75	9	3.8	0.00
19/03/2024 01:40	2.5	75	9	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 01:50	2.6	76	8	3.3	0.00
19/03/2024 02:00	2.4	77	8	3.1	0.00
19/03/2024 02:10	2.8	77	9	3.6	0.00
19/03/2024 02:20	2.3	72	9	3.2	0.00
19/03/2024 02:30	2.3	76	11	3.2	0.00
19/03/2024 02:40	2.4	77	9	3.2	0.00
19/03/2024 02:50	2.2	80	9	2.8	0.00
19/03/2024 03:00	1.9	69	8	2.5	0.00
19/03/2024 03:10	1.8	73	7	2.4	0.00
19/03/2024 03:20	2.2	75	8	2.9	0.00
19/03/2024 03:30	2.7	77	9	3.4	0.00
19/03/2024 03:40	2.3	76	8	3.0	0.00
19/03/2024 03:50	2.5	83	8	3.2	0.00
19/03/2024 04:00	2.7	81	8	3.2	0.00
19/03/2024 04:10	2.7	74	8	3.7	0.00
19/03/2024 04:20	2.4	73	8	3.1	0.00
19/03/2024 04:30	2.7	78	8	3.3	0.00
19/03/2024 04:40	2.5	78	8	3.1	0.00
19/03/2024 04:50	2.5	79	8	3.1	0.00
19/03/2024 05:00	2.6	79	8	3.6	0.00
19/03/2024 05:10	2.5	72	8	3.0	0.00
19/03/2024 05:20	2.8	74	10	3.5	0.00
19/03/2024 05:30	2.5	67	9	3.2	0.00
19/03/2024 05:40	2.0	62	9	2.8	0.00
19/03/2024 05:50	2.5	80	10	3.1	0.00
19/03/2024 06:00	2.5	80	8	3.2	0.00
19/03/2024 06:10	2.4	75	9	3.1	0.00
19/03/2024 06:20	2.5	78	7	3.0	0.00
19/03/2024 06:30	2.5	75	7	3.1	0.00
19/03/2024 06:40	2.5	72	8	3.2	0.00
19/03/2024 06:50	2.4	74	7	3.1	0.00
19/03/2024 07:00	2.6	78	9	3.2	0.00
19/03/2024 07:10	2.6	81	9	3.4	0.00
19/03/2024 07:20	2.9	82	10	3.7	0.00
19/03/2024 07:30	3.3	83	10	4.4	0.00
19/03/2024 07:40	3.1	76	11	4.4	0.00
19/03/2024 07:50	3.9	79	11	4.8	0.00
19/03/2024 08:00	3.7	86	12	4.9	0.00
19/03/2024 08:10	3.5	108	13	4.8	0.00
19/03/2024 08:20	3.6	107	13	5.4	0.00
19/03/2024 08:30	4.0	112	10	5.6	0.00
19/03/2024 08:40	4.2	113	12	5.6	0.00
19/03/2024 08:50	4.3	112	12	6.0	0.00
19/03/2024 09:00	4.2	109	16	5.9	0.00
19/03/2024 09:10	4.2	99	13	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 09:20	4.2	94	12	5.8	0.00
19/03/2024 09:30	4.8	90	13	7.1	0.00
19/03/2024 09:40	5.3	82	12	7.0	0.00
19/03/2024 09:50	5.0	95	12	7.1	0.00
19/03/2024 10:00	5.0	88	13	7.3	0.00
19/03/2024 10:10	5.2	85	14	6.8	0.00
19/03/2024 10:20	5.5	76	11	7.3	0.00
19/03/2024 10:30	5.1	81	12	7.4	0.00
19/03/2024 10:40	5.3	79	11	7.3	0.00
19/03/2024 10:50	5.2	78	16	7.8	0.00
19/03/2024 11:00	5.0	82	14	7.2	0.00
19/03/2024 11:10	5.2	86	13	7.1	0.00
19/03/2024 11:20	5.0	82	14	6.5	0.00
19/03/2024 11:30	5.2	81	13	7.2	0.00
19/03/2024 11:40	5.1	77	12	7.1	0.00
19/03/2024 11:50	5.5	81	15	7.2	0.00
19/03/2024 12:00	5.5	76	11	7.1	0.00
19/03/2024 12:10	5.7	82	12	7.3	0.00
19/03/2024 12:20	5.3	80	14	7.0	0.00
19/03/2024 12:30	5.7	78	12	7.3	0.00
19/03/2024 12:40	5.5	79	12	7.6	0.00
19/03/2024 12:50	5.6	79	12	7.3	0.00
19/03/2024 13:00	6.2	87	12	8.0	0.00
19/03/2024 13:10	5.5	75	12	7.7	0.00
19/03/2024 13:20	5.9	74	12	7.9	0.00
19/03/2024 13:30	5.6	84	14	8.0	0.00
19/03/2024 13:40	5.5	81	13	7.5	0.00
19/03/2024 13:50	5.3	82	14	7.4	0.00
19/03/2024 14:00	5.3	77	15	7.6	0.00
19/03/2024 14:10	5.4	76	16	7.4	0.00
19/03/2024 14:20	5.9	63	10	7.8	0.00
19/03/2024 14:30	5.7	69	13	8.3	0.00
19/03/2024 14:40	5.7	67	11	7.2	0.00
19/03/2024 14:50	5.4	68	15	7.4	0.00
19/03/2024 15:00	5.2	62	12	7.2	0.00
19/03/2024 15:10	5.0	54	13	6.4	0.00
19/03/2024 15:20	4.5	62	14	6.0	0.00
19/03/2024 15:30	5.1	72	13	7.0	0.00
19/03/2024 15:40	4.6	59	14	6.4	0.00
19/03/2024 15:50	4.9	52	13	6.8	0.00
19/03/2024 16:00	4.9	50	13	6.7	0.00
19/03/2024 16:10	4.7	45	13	6.4	0.00
19/03/2024 16:20	4.2	25	15	6.3	0.00
19/03/2024 16:30	4.8	46	12	6.5	0.00
19/03/2024 16:40	4.6	44	18	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 16:50	4.5	36	17	6.8	0.00
19/03/2024 17:00	5.0	40	12	6.8	0.00
19/03/2024 17:10	5.4	45	11	7.2	0.00
19/03/2024 17:20	5.1	46	13	7.0	0.00
19/03/2024 17:30	5.5	42	11	7.5	0.00
19/03/2024 17:40	5.6	41	12	7.6	0.00
19/03/2024 17:50	5.4	44	13	7.2	0.00
19/03/2024 18:00	5.5	42	12	7.0	0.00
19/03/2024 18:10	5.8	43	12	7.9	0.00
19/03/2024 18:20	5.2	45	12	6.9	0.00
19/03/2024 18:30	5.5	46	13	7.3	0.00
19/03/2024 18:40	5.1	46	12	6.8	0.00
19/03/2024 18:50	5.3	48	10	7.1	0.00
19/03/2024 19:00	5.8	52	14	7.9	0.00
19/03/2024 19:10	6.1	45	12	8.0	0.00
19/03/2024 19:20	5.5	45	12	7.5	0.00
19/03/2024 19:30	5.3	52	11	7.4	0.00
19/03/2024 19:40	4.8	46	12	6.7	0.00
19/03/2024 19:50	4.7	50	11	6.5	0.00
19/03/2024 20:00	4.7	45	13	6.9	0.00
19/03/2024 20:10	4.2	53	11	5.6	0.00
19/03/2024 20:20	4.4	61	10	6.2	0.00
19/03/2024 20:30	4.3	50	11	5.9	0.00
19/03/2024 20:40	4.5	50	12	5.9	0.00
19/03/2024 20:50	5.0	47	11	6.4	0.00
19/03/2024 21:00	5.1	47	12	6.4	0.00
19/03/2024 21:10	5.1	48	9	6.9	0.00
19/03/2024 21:20	4.4	48	13	6.0	0.00
19/03/2024 21:30	4.7	42	12	6.5	0.00
19/03/2024 21:40	3.7	35	13	5.2	0.00
19/03/2024 21:50	2.6	28	21	4.0	0.00
19/03/2024 22:00	3.6	40	15	5.5	0.00
19/03/2024 22:10	4.2	43	13	6.2	0.00
19/03/2024 22:20	3.5	38	15	5.2	0.00
19/03/2024 22:30	3.7	39	12	5.0	0.00
19/03/2024 22:40	4.3	47	11	5.8	0.00
19/03/2024 22:50	4.1	53	13	6.0	0.00
19/03/2024 23:00	3.4	50	12	4.6	0.00
19/03/2024 23:10	3.2	44	13	4.4	0.00
19/03/2024 23:20	2.5	43	14	4.0	0.00
19/03/2024 23:30	1.9	55	15	3.1	0.00
19/03/2024 23:40	1.8	71	16	3.0	0.00
19/03/2024 23:50	1.3	83	13	2.0	0.00
20/03/2024 00:00	1.1	96	16	1.8	0.00
20/03/2024 00:10	0.6	100	20	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 00:20	2.3	89	11	3.1	0.00
20/03/2024 00:30	2.7	80	10	3.6	0.00
20/03/2024 00:40	2.7	81	9	3.3	0.00
20/03/2024 00:50	2.6	78	9	3.8	0.00
20/03/2024 01:00	2.5	81	9	3.4	0.00
20/03/2024 01:10	2.6	88	9	3.3	0.00
20/03/2024 01:20	2.5	82	9	3.1	0.00
20/03/2024 01:30	2.4	76	9	3.2	0.00
20/03/2024 01:40	2.3	84	10	2.9	0.00
20/03/2024 01:50	2.4	87	9	3.2	0.00
20/03/2024 02:00	2.4	81	9	3.1	0.00
20/03/2024 02:10	2.1	75	9	2.8	0.00
20/03/2024 02:20	2.0	80	8	2.6	0.00
20/03/2024 02:30	2.2	80	8	2.6	0.00
20/03/2024 02:40	2.6	81	9	3.6	0.00
20/03/2024 02:50	2.5	79	8	3.4	0.00
20/03/2024 03:00	2.4	76	9	3.0	0.00
20/03/2024 03:10	2.5	74	8	3.4	0.00
20/03/2024 03:20	2.6	66	11	3.2	0.00
20/03/2024 03:30	2.4	71	9	3.2	0.00
20/03/2024 03:40	2.5	83	10	3.3	0.00
20/03/2024 03:50	2.6	84	9	3.5	0.00
20/03/2024 04:00	2.2	87	9	2.8	0.00
20/03/2024 04:10	2.3	81	11	3.3	0.00
20/03/2024 04:20	2.1	74	8	3.0	0.00
20/03/2024 04:30	2.1	76	9	2.8	0.00
20/03/2024 04:40	2.5	76	9	3.2	0.10
20/03/2024 04:50	2.9	81	9	4.2	0.00
20/03/2024 05:00	2.5	88	13	4.3	0.20
20/03/2024 05:10	3.7	103	12	5.7	0.10
20/03/2024 05:20	3.0	89	12	4.4	0.00
20/03/2024 05:30	3.0	91	11	4.0	0.00
20/03/2024 05:40	3.3	103	11	4.6	0.10
20/03/2024 05:50	3.5	102	10	5.5	0.00
20/03/2024 06:00	3.9	112	14	5.8	0.00
20/03/2024 06:10	1.3	145	24	2.4	0.00
20/03/2024 06:20	1.0	122	19	1.8	0.10
20/03/2024 06:30	0.6	87	17	1.2	0.00
20/03/2024 06:40	0.9	92	17	1.3	0.00
20/03/2024 06:50	1.2	125	13	1.6	0.00
20/03/2024 07:00	0.7	124	13	1.2	0.00
20/03/2024 07:10	1.0	122	19	2.2	0.00
20/03/2024 07:20	2.5	99	13	3.6	0.00
20/03/2024 07:30	2.7	112	12	4.0	0.00
20/03/2024 07:40	2.5	117	14	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 07:50	3.7	107	11	5.1	0.00
20/03/2024 08:00	3.9	103	11	5.2	0.00
20/03/2024 08:10	4.1	106	11	5.9	0.00
20/03/2024 08:20	5.0	100	11	7.1	0.00
20/03/2024 08:30	5.3	101	11	7.3	0.00
20/03/2024 08:40	4.8	95	11	6.7	0.00
20/03/2024 08:50	5.1	104	12	6.8	0.00
20/03/2024 09:00	5.9	96	12	7.9	0.00
20/03/2024 09:10	5.8	92	13	8.0	0.00
20/03/2024 09:20	5.7	93	12	7.8	0.00
20/03/2024 09:30	7.0	89	13	9.4	0.00
20/03/2024 09:40	5.7	93	14	9.5	0.00
20/03/2024 09:50	6.9	92	12	9.5	0.00
20/03/2024 10:00	6.8	92	13	9.5	0.00
20/03/2024 10:10	6.9	98	13	10.2	0.00
20/03/2024 10:20	7.2	90	13	9.9	0.00
20/03/2024 10:30	7.6	89	13	9.9	0.00
20/03/2024 10:40	6.8	90	11	8.7	0.00
20/03/2024 10:50	7.0	94	13	10.3	0.00
20/03/2024 11:00	7.9	86	11	10.3	0.00
20/03/2024 11:10	6.9	86	11	9.6	0.00
20/03/2024 11:20	6.3	91	14	9.1	0.00
20/03/2024 11:30	6.1	92	14	8.4	0.00
20/03/2024 11:40	6.3	92	13	9.2	0.00
20/03/2024 11:50	6.9	86	11	9.1	0.00
20/03/2024 12:00	6.9	95	14	9.4	0.00
20/03/2024 12:10	6.4	86	11	8.9	0.00
20/03/2024 12:20	6.0	85	13	8.8	0.00
20/03/2024 12:30	7.3	76	11	9.1	0.00
20/03/2024 12:40	6.8	78	11	9.9	0.00
20/03/2024 12:50	7.0	78	12	9.3	0.00
20/03/2024 13:00	7.4	80	11	9.6	0.00
20/03/2024 13:10	7.0	81	12	10.0	0.00
20/03/2024 13:20	7.2	79	10	10.2	0.00
20/03/2024 13:30	7.0	85	11	10.0	0.00
20/03/2024 13:40	7.0	78	11	9.1	0.00
20/03/2024 13:50	6.7	77	13	8.6	0.00
20/03/2024 14:00	6.0	61	13	8.7	0.00
20/03/2024 14:10	6.0	62	14	7.8	0.00
20/03/2024 14:20	6.1	65	11	8.3	0.00
20/03/2024 14:30	6.1	62	11	7.9	0.00
20/03/2024 14:40	6.0	55	12	8.7	0.00
20/03/2024 14:50	6.0	64	15	8.1	0.00
20/03/2024 15:00	6.0	60	13	8.0	0.00
20/03/2024 15:10	5.7	54	13	8.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 15:20	5.3	59	15	7.2	0.00
20/03/2024 15:30	5.3	51	15	7.5	0.00
20/03/2024 15:40	4.7	48	16	6.9	0.00
20/03/2024 15:50	4.8	45	13	7.3	0.00
20/03/2024 16:00	4.8	43	12	6.5	0.00
20/03/2024 16:10	4.6	45	16	7.2	0.00
20/03/2024 16:20	4.7	47	15	6.5	0.00
20/03/2024 16:30	4.4	50	16	6.4	0.00
20/03/2024 16:40	4.3	46	14	6.4	0.00
20/03/2024 16:50	4.1	39	17	5.6	0.00
20/03/2024 17:00	4.0	40	15	5.6	0.00
20/03/2024 17:10	4.1	48	13	5.8	0.00
20/03/2024 17:20	3.9	45	13	5.4	0.00
20/03/2024 17:30	4.1	46	14	5.4	0.00
20/03/2024 17:40	3.9	46	12	5.2	0.00
20/03/2024 17:50	2.6	18	19	4.2	0.00
20/03/2024 18:00	3.3	179	17	4.6	0.00
20/03/2024 18:10	2.4	8	17	3.6	0.00
20/03/2024 18:20	2.4	8	20	3.6	0.00
20/03/2024 18:30	2.4	5	19	3.5	0.00
20/03/2024 18:40	2.3	177	19	3.6	0.00
20/03/2024 18:50	2.1	174	15	3.3	0.00
20/03/2024 19:00	2.6	353	18	4.2	0.00
20/03/2024 19:10	2.7	351	15	4.0	0.00
20/03/2024 19:20	2.3	7	20	3.8	0.00
20/03/2024 19:30	2.8	17	16	4.0	0.00
20/03/2024 19:40	2.3	15	20	3.9	0.00
20/03/2024 19:50	2.5	12	19	3.6	0.00
20/03/2024 20:00	2.2	23	16	3.3	0.00
20/03/2024 20:10	2.0	12	15	2.8	0.00
20/03/2024 20:20	1.8	30	20	2.8	0.00
20/03/2024 20:30	2.0	25	21	3.2	0.00
20/03/2024 20:40	1.4	20	22	2.7	0.00
20/03/2024 20:50	0.8	186	25	2.0	0.00
20/03/2024 21:00	1.2	20	28	2.4	0.00
20/03/2024 21:10	1.5	20	21	2.4	0.00
20/03/2024 21:20	1.2	31	25	2.0	0.00
20/03/2024 21:30	1.3	37	20	2.5	0.00
20/03/2024 21:40	1.5	28	17	2.4	0.00
20/03/2024 21:50	1.2	46	23	2.4	0.00
20/03/2024 22:00	1.0	30	19	1.7	0.00
20/03/2024 22:10	0.4	13	11	1.1	0.00
20/03/2024 22:20					0.00
20/03/2024 22:30	0.0	333	0	0.4	0.00
20/03/2024 22:40	0.2	342	9	1.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 22:50	0.3	59	8	0.9	0.00
20/03/2024 23:00	0.8	352	9	1.2	0.00
20/03/2024 23:10	0.0	218	2	0.6	0.00
20/03/2024 23:20	0.1	208	8	0.8	0.00
20/03/2024 23:30	0.1	278	3	0.8	0.00
20/03/2024 23:40	0.8	211	34	1.6	0.00
20/03/2024 23:50	0.2	209	4	0.8	0.00
21/03/2024 00:00					0.00
21/03/2024 00:10					0.00
21/03/2024 00:20					0.00
21/03/2024 00:30	0.1	237	2	0.6	0.00
21/03/2024 00:40	0.2	228	6	0.8	0.00
21/03/2024 00:50					0.00
21/03/2024 01:00	0.1	264	4	0.8	0.00
21/03/2024 01:10	0.3	259	19	0.9	0.00
21/03/2024 01:20	0.1	158	15	0.9	0.00
21/03/2024 01:30	0.8	171	37	1.8	0.00
21/03/2024 01:40	1.0	116	27	2.0	0.00
21/03/2024 01:50	2.1	117	19	3.8	0.00
21/03/2024 02:00	2.7	109	14	4.4	0.00
21/03/2024 02:10	2.7	111	12	4.0	0.00
21/03/2024 02:20	2.1	115	12	3.2	0.00
21/03/2024 02:30	1.7	126	13	2.7	0.00
21/03/2024 02:40	1.1	106	15	1.6	0.00
21/03/2024 02:50	1.1	100	14	1.9	0.00
21/03/2024 03:00	1.0	124	15	1.6	0.00
21/03/2024 03:10	1.3	121	11	1.9	0.00
21/03/2024 03:20	0.6	180	16	1.5	0.00
21/03/2024 03:30	1.3	227	15	1.9	0.00
21/03/2024 03:40	1.2	232	18	1.6	0.00
21/03/2024 03:50	0.4	143	51	1.6	0.00
21/03/2024 04:00	0.1	108	14	1.4	0.00
21/03/2024 04:10	0.7	99	19	1.3	0.00
21/03/2024 04:20	1.3	127	12	2.4	0.00
21/03/2024 04:30	1.6	126	15	2.9	0.00
21/03/2024 04:40	1.3	107	12	2.0	0.00
21/03/2024 04:50	1.3	113	12	1.9	0.00
21/03/2024 05:00	1.4	114	9	2.0	0.00
21/03/2024 05:10	0.5	139	68	1.1	0.00
21/03/2024 05:20	0.3	236	16	0.8	0.00
21/03/2024 05:30	0.5	148	12	1.4	0.00
21/03/2024 05:40	1.5	139	14	2.3	0.00
21/03/2024 05:50	2.2	146	12	2.8	0.00
21/03/2024 06:00	1.9	147	19	2.5	0.00
21/03/2024 06:10	1.9	144	16	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 06:20	1.9	132	18	2.5	0.00
21/03/2024 06:30	2.5	114	9	3.2	0.00
21/03/2024 06:40	4.0	106	10	5.6	0.00
21/03/2024 06:50	3.2	101	12	4.4	0.00
21/03/2024 07:00	3.6	105	13	5.6	0.00
21/03/2024 07:10	3.6	103	9	5.2	0.00
21/03/2024 07:20	4.1	99	11	5.6	0.00
21/03/2024 07:30	4.3	106	10	6.0	0.00
21/03/2024 07:40	4.4	103	10	5.6	0.00
21/03/2024 07:50	5.0	105	9	6.7	0.00
21/03/2024 08:00	4.3	103	12	5.8	0.00
21/03/2024 08:10	4.2	96	13	6.0	0.00
21/03/2024 08:20	4.8	104	13	6.5	0.00
21/03/2024 08:30	5.0	109	12	6.8	0.00
21/03/2024 08:40	5.1	105	14	6.9	0.00
21/03/2024 08:50	5.0	112	11	7.2	0.00
21/03/2024 09:00	4.9	103	13	6.8	0.00
21/03/2024 09:10	5.1	105	13	7.1	0.00
21/03/2024 09:20	5.2	96	12	7.1	0.00
21/03/2024 09:30	4.9	103	14	6.9	0.00
21/03/2024 09:40	4.7	96	13	6.8	0.00
21/03/2024 09:50	5.0	90	14	6.6	0.00
21/03/2024 10:00	4.6	86	11	6.5	0.00
21/03/2024 10:10	5.1	88	10	7.3	0.00
21/03/2024 10:20	5.4	89	11	7.2	0.00
21/03/2024 10:30	5.5	87	11	6.9	0.00
21/03/2024 10:40	5.6	89	12	7.7	0.00
21/03/2024 10:50	5.2	92	15	7.4	0.00
21/03/2024 11:00	5.4	88	11	7.7	0.00
21/03/2024 11:10	5.1	83	12	7.1	0.00
21/03/2024 11:20	5.5	80	14	7.2	0.00
21/03/2024 11:30	5.2	75	12	7.0	0.00
21/03/2024 11:40	5.9	76	12	8.1	0.00
21/03/2024 11:50	5.2	78	14	7.2	0.00
21/03/2024 12:00	5.3	76	12	7.9	0.00
21/03/2024 12:10	5.2	75	12	6.9	0.00
21/03/2024 12:20	5.1	78	13	6.8	0.00
21/03/2024 12:30	4.8	87	15	6.6	0.00
21/03/2024 12:40	5.1	88	12	7.2	0.00
21/03/2024 12:50	5.1	84	12	7.2	0.00
21/03/2024 13:00	5.5	81	12	7.4	0.00
21/03/2024 13:10	5.3	81	11	7.2	0.00
21/03/2024 13:20	5.5	86	11	7.2	0.00
21/03/2024 13:30	5.4	85	13	7.5	0.00
21/03/2024 13:40	5.0	86	13	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 13:50	5.2	88	14	7.2	0.00
21/03/2024 14:00	5.2	84	11	7.1	0.00
21/03/2024 14:10	5.4	86	13	7.0	0.00
21/03/2024 14:20	5.1	84	13	7.5	0.00
21/03/2024 14:30	5.0	85	13	7.5	0.00
21/03/2024 14:40	5.0	73	12	6.7	0.00
21/03/2024 14:50	5.0	77	13	6.7	0.00
21/03/2024 15:00	4.9	64	13	6.6	0.00
21/03/2024 15:10	5.2	64	12	7.2	0.00
21/03/2024 15:20	4.8	64	13	6.4	0.00
21/03/2024 15:30	5.0	62	12	6.4	0.00
21/03/2024 15:40	4.9	66	11	6.4	0.00
21/03/2024 15:50	4.5	54	12	6.0	0.00
21/03/2024 16:00	4.3	55	13	6.3	0.00
21/03/2024 16:10	3.8	25	27	6.0	0.00
21/03/2024 16:20	3.9	359	20	5.7	0.00
21/03/2024 16:30	3.5	357	18	5.4	0.00
21/03/2024 16:40	3.6	357	21	5.4	0.00
21/03/2024 16:50	3.5	359	17	4.7	0.00
21/03/2024 17:00	3.7	6	19	5.8	0.00
21/03/2024 17:10	3.5	16	23	5.2	0.00
21/03/2024 17:20	3.6	22	16	5.1	0.00
21/03/2024 17:30	3.6	14	17	5.4	0.00
21/03/2024 17:40	3.5	6	24	5.6	0.00
21/03/2024 17:50	3.6	7	19	5.2	0.00
21/03/2024 18:00	3.5	12	16	5.1	0.00
21/03/2024 18:10	3.7	15	15	5.1	0.00
21/03/2024 18:20	3.7	7	16	5.1	0.00
21/03/2024 18:30	3.5	8	17	5.3	0.00
21/03/2024 18:40	3.4	15	18	5.2	0.00
21/03/2024 18:50	3.4	6	15	5.1	0.00
21/03/2024 19:00	3.6	180	14	5.6	0.00
21/03/2024 19:10	3.5	185	17	4.7	0.00
21/03/2024 19:20	3.2	7	19	5.2	0.00
21/03/2024 19:30	3.6	10	15	5.2	0.00
21/03/2024 19:40	3.4	6	16	4.9	0.00
21/03/2024 19:50	3.2	5	16	4.5	0.00
21/03/2024 20:00	3.5	180	14	4.8	0.00
21/03/2024 20:10	3.1	10	15	4.6	0.00
21/03/2024 20:20	2.5	18	20	3.6	0.00
21/03/2024 20:30	2.0	343	40	4.0	0.00
21/03/2024 20:40	2.0	241	24	3.7	0.00
21/03/2024 20:50	2.7	246	14	4.0	0.00
21/03/2024 21:00	4.0	256	9	5.1	0.00
21/03/2024 21:10	3.6	254	9	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 21:20	3.8	250	10	5.2	0.00
21/03/2024 21:30	3.4	252	10	4.5	0.00
21/03/2024 21:40	3.4	254	10	4.8	0.00
21/03/2024 21:50	3.5	257	11	4.8	0.00
21/03/2024 22:00	3.9	259	11	5.0	0.00
21/03/2024 22:10	3.7	254	11	4.9	0.00
21/03/2024 22:20	3.3	249	11	4.8	0.00
21/03/2024 22:30	3.6	251	10	5.2	0.00
21/03/2024 22:40	3.2	249	10	4.2	0.00
21/03/2024 22:50	2.9	251	11	4.6	0.00
21/03/2024 23:00	2.8	255	11	3.8	0.00
21/03/2024 23:10	2.8	251	11	3.8	0.00
21/03/2024 23:20	2.8	253	10	3.9	0.00
21/03/2024 23:30	2.7	256	12	3.7	0.00
21/03/2024 23:40	2.8	253	11	3.7	0.00
21/03/2024 23:50	2.9	252	10	4.4	0.00
22/03/2024 00:00	2.7	250	10	3.8	0.00
22/03/2024 00:10	2.4	251	10	3.2	0.00
22/03/2024 00:20	2.3	255	10	3.0	0.00
22/03/2024 00:30	2.5	258	10	3.5	0.00
22/03/2024 00:40	2.6	256	11	3.6	0.00
22/03/2024 00:50	2.4	252	10	3.2	0.00
22/03/2024 01:00	2.1	251	11	2.8	0.00
22/03/2024 01:10	2.0	250	9	2.6	0.00
22/03/2024 01:20	1.8	248	13	2.7	0.00
22/03/2024 01:30	2.2	253	11	3.0	0.00
22/03/2024 01:40	1.9	255	12	2.8	0.00
22/03/2024 01:50	2.1	255	11	3.0	0.00
22/03/2024 02:00	1.8	257	14	2.7	0.00
22/03/2024 02:10	1.6	248	15	2.3	0.00
22/03/2024 02:20	1.7	255	10	2.4	0.00
22/03/2024 02:30	2.0	255	10	2.5	0.00
22/03/2024 02:40	1.7	252	10	2.3	0.00
22/03/2024 02:50	1.6	255	9	2.0	0.00
22/03/2024 03:00	1.6	255	8	2.1	0.00
22/03/2024 03:10	1.7	260	8	2.3	0.00
22/03/2024 03:20	1.6	260	6	2.0	0.00
22/03/2024 03:30	1.9	265	7	2.4	0.00
22/03/2024 03:40	2.7	259	8	3.6	0.00
22/03/2024 03:50	2.5	251	10	3.2	0.00
22/03/2024 04:00	1.8	252	10	2.6	0.00
22/03/2024 04:10	1.1	243	12	1.7	0.00
22/03/2024 04:20	0.2	205	34	0.8	0.00
22/03/2024 04:30	0.0	277	2	0.4	0.00
22/03/2024 04:40	0.8	269	10	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 04:50	1.1	253	17	1.6	0.00
22/03/2024 05:00	0.2	114	18	0.8	0.00
22/03/2024 05:10	0.3	201	4	0.8	0.00
22/03/2024 05:20	0.1	285	4	0.6	0.00
22/03/2024 05:30					0.00
22/03/2024 05:40	0.2	278	5	0.9	0.00
22/03/2024 05:50	0.6	284	12	0.9	0.00
22/03/2024 06:00	0.7	233	17	1.4	0.00
22/03/2024 06:10	0.9	230	19	1.5	0.00
22/03/2024 06:20	0.1	196	8	0.6	0.00
22/03/2024 06:30	0.9	136	12	1.9	0.00
22/03/2024 06:40	0.6	151	18	1.3	0.00
22/03/2024 06:50	0.5	160	19	1.4	0.00
22/03/2024 07:00	0.8	155	27	1.5	0.00
22/03/2024 07:10	1.1	150	13	1.9	0.00
22/03/2024 07:20	1.1	124	15	1.8	0.00
22/03/2024 07:30	1.1	125	14	1.8	0.00
22/03/2024 07:40	0.9	145	22	1.7	0.00
22/03/2024 07:50	1.4	133	19	2.0	0.00
22/03/2024 08:00	1.1	148	33	1.9	0.00
22/03/2024 08:10	1.0	169	57	1.8	0.00
22/03/2024 08:20	1.2	176	60	2.4	0.00
22/03/2024 08:30	1.9	139	35	2.9	0.00
22/03/2024 08:40	2.2	145	20	3.4	0.00
22/03/2024 08:50	2.6	128	17	3.6	0.00
22/03/2024 09:00	3.0	122	16	4.5	0.00
22/03/2024 09:10	3.8	113	15	5.0	0.00
22/03/2024 09:20	3.6	103	14	5.5	0.00
22/03/2024 09:30	4.0	112	13	5.2	0.00
22/03/2024 09:40	4.0	105	12	5.6	0.00
22/03/2024 09:50	4.8	89	11	6.3	0.00
22/03/2024 10:00	4.4	93	12	6.7	0.00
22/03/2024 10:10	4.8	93	12	6.8	0.00
22/03/2024 10:20	5.3	91	12	7.8	0.00
22/03/2024 10:30	5.2	95	13	7.3	0.00
22/03/2024 10:40	5.6	91	13	7.5	0.00
22/03/2024 10:50	6.0	91	11	8.4	0.00
22/03/2024 11:00	6.7	89	10	9.0	0.00
22/03/2024 11:10	6.2	90	12	8.1	0.00
22/03/2024 11:20	5.8	90	11	7.9	0.00
22/03/2024 11:30	5.5	91	12	7.9	0.00
22/03/2024 11:40	5.4	81	12	7.2	0.00
22/03/2024 11:50	5.8	80	12	7.2	0.00
22/03/2024 12:00	6.0	80	12	7.9	0.00
22/03/2024 12:10	6.4	88	12	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 12:20	6.8	80	10	8.9	0.00
22/03/2024 12:30	6.1	82	11	7.9	0.00
22/03/2024 12:40	6.0	77	11	7.7	0.00
22/03/2024 12:50	5.9	69	12	7.8	0.00
22/03/2024 13:00	5.6	68	13	7.6	0.00
22/03/2024 13:10	6.2	64	11	8.3	0.00
22/03/2024 13:20	5.6	66	13	8.0	0.00
22/03/2024 13:30	5.5	63	13	8.0	0.00
22/03/2024 13:40	6.0	59	13	7.5	0.00
22/03/2024 13:50	5.9	60	12	7.7	0.00
22/03/2024 14:00	6.0	53	12	7.8	0.00
22/03/2024 14:10	5.8	61	15	7.8	0.00
22/03/2024 14:20	5.1	63	13	6.9	0.00
22/03/2024 14:30	5.0	58	13	7.1	0.00
22/03/2024 14:40	4.8	48	16	6.4	0.00
22/03/2024 14:50	4.6	45	16	7.6	0.00
22/03/2024 15:00	4.8	46	13	6.3	0.00
22/03/2024 15:10	4.5	52	17	6.0	0.00
22/03/2024 15:20	3.3	4	21	4.7	0.00
22/03/2024 15:30	4.1	180	19	5.7	0.00
22/03/2024 15:40	4.1	5	20	5.9	0.00
22/03/2024 15:50	3.7	20	18	5.4	0.00
22/03/2024 16:00	3.6	180	18	4.9	0.00
22/03/2024 16:10	3.2	351	18	4.8	0.00
22/03/2024 16:20	3.4	174	18	5.3	0.00
22/03/2024 16:30	3.6	172	16	5.1	0.00
22/03/2024 16:40	4.0	180	16	5.9	0.00
22/03/2024 16:50	3.5	177	19	5.2	0.00
22/03/2024 17:00	3.7	182	20	5.6	0.00
22/03/2024 17:10	3.4	4	21	5.6	0.00
22/03/2024 17:20	3.6	13	19	5.2	0.00
22/03/2024 17:30	3.5	183	16	5.2	0.00
22/03/2024 17:40	3.3	6	19	4.8	0.00
22/03/2024 17:50	3.9	180	17	5.4	0.00
22/03/2024 18:00	3.1	12	18	5.0	0.00
22/03/2024 18:10	3.4	21	18	4.8	0.00
22/03/2024 18:20	3.5	19	19	5.2	0.00
22/03/2024 18:30	4.1	7	18	6.2	0.00
22/03/2024 18:40	3.8	1	18	5.2	0.00
22/03/2024 18:50	3.9	358	17	5.5	0.00
22/03/2024 19:00	3.4	1	17	5.4	0.00
22/03/2024 19:10	2.8	346	20	4.3	0.00
22/03/2024 19:20	3.3	353	23	5.1	0.00
22/03/2024 19:30	3.2	352	22	4.7	0.00
22/03/2024 19:40	3.6	342	16	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 19:50	2.8	172	17	4.2	0.00
22/03/2024 20:00	2.7	332	20	4.4	0.00
22/03/2024 20:10	2.5	316	16	4.1	0.00
22/03/2024 20:20	2.5	313	15	3.6	0.00
22/03/2024 20:30	2.3	307	17	3.4	0.00
22/03/2024 20:40	2.1	269	17	3.0	0.00
22/03/2024 20:50	2.6	263	13	3.4	0.00
22/03/2024 21:00	1.9	269	22	3.2	0.00
22/03/2024 21:10	3.0	262	9	4.0	0.00
22/03/2024 21:20	3.2	259	8	4.0	0.00
22/03/2024 21:30	3.1	256	8	4.1	0.00
22/03/2024 21:40	2.8	257	9	3.6	0.00
22/03/2024 21:50	2.9	258	8	3.6	0.00
22/03/2024 22:00	2.6	243	11	3.3	0.00
22/03/2024 22:10	2.2	246	11	2.8	0.00
22/03/2024 22:20	2.2	246	11	2.8	0.00
22/03/2024 22:30	1.9	241	11	2.7	0.00
22/03/2024 22:40	1.1	228	16	1.7	0.00
22/03/2024 22:50	1.0	244	13	1.6	0.00
22/03/2024 23:00	1.8	232	11	2.7	0.00
22/03/2024 23:10	2.3	243	12	3.2	0.00
22/03/2024 23:20	2.0	246	10	2.7	0.00
22/03/2024 23:30	2.4	251	9	3.3	0.00
22/03/2024 23:40	2.4	247	11	3.2	0.00
22/03/2024 23:50	2.7	254	10	3.4	0.00
23/03/2024 00:00	2.3	246	12	3.2	0.00
23/03/2024 00:10	2.9	250	11	3.8	0.00
23/03/2024 00:20	3.0	251	11	4.1	0.00
23/03/2024 00:30	2.7	252	11	3.5	0.00
23/03/2024 00:40	2.5	248	13	3.3	0.00
23/03/2024 00:50	1.9	245	12	2.8	0.00
23/03/2024 01:00	1.7	237	14	2.5	0.00
23/03/2024 01:10	1.3	242	12	1.9	0.00
23/03/2024 01:20	0.8	232	17	1.2	0.00
23/03/2024 01:30	1.2	238	17	1.8	0.00
23/03/2024 01:40	1.2	234	15	2.0	0.00
23/03/2024 01:50	1.5	231	16	2.3	0.00
23/03/2024 02:00	1.3	246	17	2.1	0.00
23/03/2024 02:10	0.4	221	7	1.3	0.00
23/03/2024 02:20	1.0	274	13	1.2	0.00
23/03/2024 02:30	0.1	93	16	0.8	0.00
23/03/2024 02:40	1.0	274	7	1.4	0.00
23/03/2024 02:50	1.1	275	10	1.7	0.00
23/03/2024 03:00					0.00
23/03/2024 03:10	0.8	274	7	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 03:20	0.3	264	5	0.7	0.00
23/03/2024 03:30	0.2	287	6	0.6	0.00
23/03/2024 03:40	0.7	282	7	1.3	0.00
23/03/2024 03:50	1.0	162	10	1.8	0.00
23/03/2024 04:00	1.1	169	38	2.0	0.00
23/03/2024 04:10	0.5	79	18	2.2	0.00
23/03/2024 04:20					0.00
23/03/2024 04:30	0.6	63	14	1.4	0.00
23/03/2024 04:40	1.3	99	12	2.1	0.00
23/03/2024 04:50	1.7	112	8	2.3	0.00
23/03/2024 05:00	2.2	120	17	3.8	0.00
23/03/2024 05:10	2.8	109	11	4.3	0.00
23/03/2024 05:20	3.6	105	13	5.3	0.00
23/03/2024 05:30	4.9	101	12	6.8	0.00
23/03/2024 05:40	5.4	103	12	8.4	0.00
23/03/2024 05:50	6.3	102	11	8.3	0.00
23/03/2024 06:00	5.7	103	12	8.3	0.00
23/03/2024 06:10	6.4	106	11	9.5	0.00
23/03/2024 06:20	6.1	106	12	8.7	0.00
23/03/2024 06:30	6.2	107	11	8.5	0.00
23/03/2024 06:40	6.7	108	11	9.3	0.00
23/03/2024 06:50	6.3	107	12	9.1	0.00
23/03/2024 07:00	6.7	108	11	9.0	0.00
23/03/2024 07:10	6.9	108	12	10.0	0.00
23/03/2024 07:20	6.8	108	13	9.8	0.00
23/03/2024 07:30	6.4	112	11	8.7	0.00
23/03/2024 07:40	6.7	109	12	8.9	0.00
23/03/2024 07:50	6.0	114	12	8.3	0.00
23/03/2024 08:00	6.2	115	13	10.3	0.00
23/03/2024 08:10	6.5	115	14	9.9	0.00
23/03/2024 08:20	7.0	110	12	9.6	0.00
23/03/2024 08:30	6.7	108	12	9.0	0.00
23/03/2024 08:40	6.7	109	13	9.7	0.00
23/03/2024 08:50	6.8	114	12	9.2	0.00
23/03/2024 09:00	6.8	110	10	10.0	0.00
23/03/2024 09:10	7.1	106	11	9.7	0.00
23/03/2024 09:20	6.9	109	12	9.5	0.00
23/03/2024 09:30	6.8	103	14	10.0	0.00
23/03/2024 09:40	7.2	108	13	10.0	0.00
23/03/2024 09:50	6.7	104	14	9.5	0.00
23/03/2024 10:00	7.5	108	12	10.3	0.00
23/03/2024 10:10	6.6	103	13	9.4	0.00
23/03/2024 10:20	7.1	104	12	9.5	0.00
23/03/2024 10:30	6.3	99	14	8.2	0.00
23/03/2024 10:40	7.3	90	10	10.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 10:50	7.0	91	11	9.2	0.00
23/03/2024 11:00	7.2	89	10	9.7	0.00
23/03/2024 11:10	7.6	87	10	10.3	0.00
23/03/2024 11:20	7.5	88	14	10.3	0.00
23/03/2024 11:30	7.3	84	12	9.7	0.00
23/03/2024 11:40	7.0	85	10	9.5	0.00
23/03/2024 11:50	7.3	87	10	9.3	0.00
23/03/2024 12:00	7.0	92	13	9.6	0.00
23/03/2024 12:10	6.3	89	14	9.3	0.00
23/03/2024 12:20	6.9	76	12	9.5	0.00
23/03/2024 12:30	6.8	74	10	9.3	0.00
23/03/2024 12:40	6.8	73	11	9.5	0.00
23/03/2024 12:50	6.4	77	11	8.5	0.00
23/03/2024 13:00	6.2	79	11	8.9	0.00
23/03/2024 13:10	6.0	82	15	7.9	0.00
23/03/2024 13:20	5.6	70	12	8.2	0.00
23/03/2024 13:30	5.8	72	13	7.6	0.00
23/03/2024 13:40	5.6	71	13	7.5	0.00
23/03/2024 13:50	5.9	57	13	7.9	0.00
23/03/2024 14:00	5.7	66	12	7.5	0.00
23/03/2024 14:10	5.7	61	13	7.5	0.00
23/03/2024 14:20	5.9	68	12	7.8	0.00
23/03/2024 14:30	6.5	58	11	8.5	0.00
23/03/2024 14:40	6.0	63	12	7.9	0.00
23/03/2024 14:50	5.4	62	14	7.2	0.00
23/03/2024 15:00	5.1	59	15	7.1	0.00
23/03/2024 15:10	4.8	58	14	6.5	0.00
23/03/2024 15:20	4.3	54	13	6.1	0.00
23/03/2024 15:30	4.4	44	16	6.4	0.00
23/03/2024 15:40	3.9	37	19	6.2	0.00
23/03/2024 15:50	3.6	32	20	6.1	0.00
23/03/2024 16:00	3.4	185	29	5.2	0.00
23/03/2024 16:10	3.4	172	25	5.1	0.00
23/03/2024 16:20	3.5	349	16	4.8	0.00
23/03/2024 16:30	3.4	351	19	5.3	0.00
23/03/2024 16:40	4.0	175	17	5.6	0.00
23/03/2024 16:50	4.0	355	15	5.7	0.00
23/03/2024 17:00	3.6	353	15	5.1	0.00
23/03/2024 17:10	3.9	353	17	5.4	0.00
23/03/2024 17:20	3.6	356	16	5.1	0.00
23/03/2024 17:30	2.9	5	19	4.6	0.00
23/03/2024 17:40	3.4	2	17	5.1	0.00
23/03/2024 17:50	3.2	182	17	4.6	0.00
23/03/2024 18:00	2.9	179	19	4.5	0.00
23/03/2024 18:10	3.1	178	16	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 18:20	2.5	5	20	3.8	0.00
23/03/2024 18:30	3.4	5	16	4.8	0.00
23/03/2024 18:40	3.5	14	20	5.2	0.00
23/03/2024 18:50	3.2	5	18	4.7	0.00
23/03/2024 19:00	3.0	11	17	4.2	0.00
23/03/2024 19:10	2.3	26	20	3.6	0.00
23/03/2024 19:20	1.9	12	24	3.2	0.00
23/03/2024 19:30	1.7	1	27	3.2	0.00
23/03/2024 19:40	1.6	4	31	2.5	0.00
23/03/2024 19:50	1.2	341	26	2.5	0.00
23/03/2024 20:00	1.2	323	21	2.2	0.00
23/03/2024 20:10	1.3	299	33	2.8	0.00
23/03/2024 20:20	2.2	301	15	2.9	0.00
23/03/2024 20:30	2.2	305	13	3.2	0.00
23/03/2024 20:40	2.2	301	16	3.3	0.00
23/03/2024 20:50	1.5	278	20	2.4	0.00
23/03/2024 21:00	1.5	268	14	2.5	0.00
23/03/2024 21:10	0.9	275	10	1.6	0.00
23/03/2024 21:20	1.2	269	12	1.9	0.00
23/03/2024 21:30	0.7	284	17	1.3	0.00
23/03/2024 21:40	0.6	266	33	1.2	0.00
23/03/2024 21:50	0.4	297	10	1.1	0.00
23/03/2024 22:00	0.5	205	27	1.2	0.00
23/03/2024 22:10	0.5	102	24	1.1	0.00
23/03/2024 22:20	0.1	63	2	0.9	0.00
23/03/2024 22:30	0.4	203	6	1.2	0.00
23/03/2024 22:40	0.5	326	7	1.2	0.00
23/03/2024 22:50					0.00
23/03/2024 23:00					0.00
23/03/2024 23:10	0.5	271	11	0.8	0.00
23/03/2024 23:20	1.0	232	17	2.0	0.00
23/03/2024 23:30	0.5	219	18	1.5	0.00
23/03/2024 23:40	0.5	226	21	1.2	0.00
23/03/2024 23:50	0.6	185	37	1.6	0.00
24/03/2024 00:00	0.4	223	29	1.2	0.00
24/03/2024 00:10	0.3	223	28	1.1	0.00
24/03/2024 00:20	1.4	186	65	2.7	0.00
24/03/2024 00:30	3.3	131	15	5.2	0.00
24/03/2024 00:40	3.4	126	15	5.2	0.00
24/03/2024 00:50	3.4	124	13	4.7	0.00
24/03/2024 01:00	3.1	125	15	4.4	0.00
24/03/2024 01:10	3.4	123	14	5.2	0.00
24/03/2024 01:20	3.3	113	12	4.8	0.00
24/03/2024 01:30	4.6	106	10	6.6	0.00
24/03/2024 01:40	4.9	106	11	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 01:50	5.2	108	10	7.5	0.00
24/03/2024 02:00	5.1	108	11	7.1	0.00
24/03/2024 02:10	5.2	109	11	7.5	0.00
24/03/2024 02:20	4.4	114	12	7.0	0.00
24/03/2024 02:30	4.7	111	11	6.3	0.00
24/03/2024 02:40	4.8	110	12	6.8	0.00
24/03/2024 02:50	5.3	109	11	6.5	0.00
24/03/2024 03:00	5.6	109	11	8.1	0.00
24/03/2024 03:10	4.8	112	12	6.8	0.00
24/03/2024 03:20	4.6	114	14	7.2	0.00
24/03/2024 03:30	4.9	112	12	7.9	0.00
24/03/2024 03:40	5.8	110	11	7.9	0.00
24/03/2024 03:50	6.7	107	11	9.9	0.00
24/03/2024 04:00	6.0	106	10	8.0	0.00
24/03/2024 04:10	5.6	112	14	7.6	0.00
24/03/2024 04:20	6.1	109	11	8.8	0.00
24/03/2024 04:30	6.5	112	11	9.1	0.00
24/03/2024 04:40	7.5	114	11	10.8	0.00
24/03/2024 04:50	7.2	109	12	10.3	0.00
24/03/2024 05:00	7.1	111	12	9.9	0.00
24/03/2024 05:10	7.5	112	12	11.5	0.00
24/03/2024 05:20	6.8	111	12	9.6	0.00
24/03/2024 05:30	7.5	111	11	10.5	0.00
24/03/2024 05:40	7.6	112	12	10.6	0.00
24/03/2024 05:50	7.5	112	12	11.5	0.00
24/03/2024 06:00	7.0	111	11	10.2	0.00
24/03/2024 06:10	7.5	110	10	11.1	0.00
24/03/2024 06:20	8.1	113	11	10.7	0.00
24/03/2024 06:30	7.4	108	12	10.7	0.00
24/03/2024 06:40	8.1	108	12	10.5	0.00
24/03/2024 06:50	7.8	112	11	12.4	0.00
24/03/2024 07:00	8.1	111	12	11.3	0.00
24/03/2024 07:10	7.8	112	14	10.8	0.00
24/03/2024 07:20	8.1	115	13	12.0	0.00
24/03/2024 07:30	8.1	115	13	11.9	0.00
24/03/2024 07:40	7.9	113	13	10.8	0.00
24/03/2024 07:50	8.1	114	12	11.1	0.00
24/03/2024 08:00	7.8	113	11	11.5	0.00
24/03/2024 08:10	7.6	111	13	11.7	0.00
24/03/2024 08:20	7.6	109	10	11.5	0.00
24/03/2024 08:30	7.6	108	11	10.2	0.00
24/03/2024 08:40	7.6	111	12	11.2	0.00
24/03/2024 08:50	7.7	108	12	10.4	0.00
24/03/2024 09:00	7.7	109	11	9.8	0.00
24/03/2024 09:10	8.1	111	13	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 09:20	7.4	112	13	10.8	0.00
24/03/2024 09:30	8.0	114	11	10.5	0.00
24/03/2024 09:40	7.6	111	12	10.5	0.00
24/03/2024 09:50	6.7	111	13	9.6	0.00
24/03/2024 10:00	7.5	105	10	10.1	0.00
24/03/2024 10:10	6.9	108	13	9.5	0.00
24/03/2024 10:20	7.0	114	14	9.7	0.00
24/03/2024 10:30	7.5	104	12	10.3	0.00
24/03/2024 10:40	7.1	100	13	9.4	0.00
24/03/2024 10:50	6.3	113	14	8.9	0.00
24/03/2024 11:00	6.4	101	12	8.6	0.00
24/03/2024 11:10	6.6	101	15	8.8	0.00
24/03/2024 11:20	5.9	106	14	8.3	0.00
24/03/2024 11:30	6.5	104	14	8.7	0.00
24/03/2024 11:40	6.2	110	13	8.2	0.00
24/03/2024 11:50	5.3	104	17	8.3	0.00
24/03/2024 12:00	5.5	101	14	7.4	0.00
24/03/2024 12:10	5.7	96	13	8.2	0.00
24/03/2024 12:20	5.5	99	13	7.3	0.00
24/03/2024 12:30	5.5	98	13	8.2	0.00
24/03/2024 12:40	5.9	95	12	8.3	0.00
24/03/2024 12:50	5.5	95	14	7.6	0.00
24/03/2024 13:00	5.1	83	13	7.6	0.00
24/03/2024 13:10	5.4	79	13	7.5	0.00
24/03/2024 13:20	5.6	76	14	7.5	0.00
24/03/2024 13:30	5.6	79	12	8.3	0.00
24/03/2024 13:40	4.9	82	15	7.0	0.00
24/03/2024 13:50	5.0	80	13	6.9	0.00
24/03/2024 14:00	5.5	79	13	7.6	0.00
24/03/2024 14:10	4.8	79	15	6.9	0.00
24/03/2024 14:20	5.1	80	13	6.8	0.00
24/03/2024 14:30	4.3	74	14	5.7	0.00
24/03/2024 14:40	4.7	68	13	6.7	0.00
24/03/2024 14:50	4.2	68	15	6.1	0.00
24/03/2024 15:00	4.4	80	16	6.0	0.00
24/03/2024 15:10	3.9	69	15	5.6	0.00
24/03/2024 15:20	4.0	57	12	5.3	0.00
24/03/2024 15:30	3.5	69	16	5.1	0.00
24/03/2024 15:40	3.5	55	16	4.8	0.00
24/03/2024 15:50	2.8	57	16	4.4	0.00
24/03/2024 16:00	3.0	69	19	4.8	0.00
24/03/2024 16:10	3.3	64	15	4.7	0.00
24/03/2024 16:20	2.3	51	32	4.1	0.00
24/03/2024 16:30	3.5	15	21	5.6	0.00
24/03/2024 16:40	3.1	183	25	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 16:50	3.2	184	24	5.8	0.00
24/03/2024 17:00	3.3	14	21	5.2	0.00
24/03/2024 17:10	3.4	355	19	4.5	0.00
24/03/2024 17:20	3.8	13	16	5.6	0.00
24/03/2024 17:30	4.1	181	16	6.6	0.00
24/03/2024 17:40	3.5	183	18	5.2	0.00
24/03/2024 17:50	3.6	10	19	5.6	0.00
24/03/2024 18:00	3.3	10	17	5.5	0.00
24/03/2024 18:10	3.4	15	19	5.1	0.00
24/03/2024 18:20	3.4	16	18	5.2	0.00
24/03/2024 18:30	3.1	19	17	4.9	0.00
24/03/2024 18:40	3.1	327	26	4.8	0.00
24/03/2024 18:50	3.3	313	21	5.2	0.00
24/03/2024 19:00	4.0	310	14	5.7	0.00
24/03/2024 19:10	4.6	301	12	6.0	0.00
24/03/2024 19:20	4.1	294	14	5.5	0.00
24/03/2024 19:30	3.5	291	16	5.2	0.00
24/03/2024 19:40	3.1	280	17	4.2	0.00
24/03/2024 19:50	3.1	270	14	4.1	0.00
24/03/2024 20:00	3.1	268	11	4.4	0.00
24/03/2024 20:10	2.9	278	14	4.2	0.00
24/03/2024 20:20	3.1	269	12	4.1	0.00
24/03/2024 20:30	2.9	269	11	4.0	0.00
24/03/2024 20:40	3.1	265	9	3.9	0.00
24/03/2024 20:50	2.8	265	10	3.7	0.00
24/03/2024 21:00	3.2	267	10	4.4	0.00
24/03/2024 21:10	3.1	262	12	4.2	0.00
24/03/2024 21:20	3.2	264	9	4.2	0.00
24/03/2024 21:30	3.0	263	8	3.9	0.00
24/03/2024 21:40	2.5	257	10	3.5	0.00
24/03/2024 21:50	3.1	256	12	4.5	0.00
24/03/2024 22:00	2.9	257	12	3.7	0.00
24/03/2024 22:10	3.1	255	9	4.1	0.00
24/03/2024 22:20	2.9	256	10	4.0	0.00
24/03/2024 22:30	3.3	252	12	4.3	0.00
24/03/2024 22:40	3.1	245	12	4.4	0.00
24/03/2024 22:50	3.2	244	12	4.5	0.00
24/03/2024 23:00	3.2	243	11	4.4	0.00
24/03/2024 23:10	3.4	237	15	4.8	0.00
24/03/2024 23:20	2.8	238	12	4.0	0.00
24/03/2024 23:30	2.8	244	14	3.8	0.00
24/03/2024 23:40	2.7	231	13	3.8	0.00
24/03/2024 23:50	1.9	234	17	2.8	0.00
25/03/2024 00:00	1.7	242	19	2.6	0.00
25/03/2024 00:10	0.4	205	31	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 00:20	1.5	237	18	2.2	0.00
25/03/2024 00:30	1.6	244	14	2.2	0.00
25/03/2024 00:40	1.4	235	16	2.7	0.00
25/03/2024 00:50	1.9	224	14	2.7	0.00
25/03/2024 01:00	1.9	233	15	2.9	0.00
25/03/2024 01:10	2.1	262	13	2.8	0.00
25/03/2024 01:20	2.0	263	12	2.8	0.00
25/03/2024 01:30	1.6	256	13	2.7	0.00
25/03/2024 01:40	0.5	272	19	1.2	0.00
25/03/2024 01:50	1.1	257	14	1.7	0.00
25/03/2024 02:00	0.4	246	28	1.2	0.00
25/03/2024 02:10	2.0	227	22	3.0	0.00
25/03/2024 02:20	2.4	228	18	3.5	0.00
25/03/2024 02:30	2.2	226	22	3.3	0.00
25/03/2024 02:40	1.3	148	28	2.4	0.00
25/03/2024 02:50	2.5	144	21	3.7	0.00
25/03/2024 03:00	3.2	145	16	5.2	0.00
25/03/2024 03:10	3.5	145	19	4.8	0.00
25/03/2024 03:20	3.2	145	21	5.0	0.00
25/03/2024 03:30	3.5	137	15	4.8	0.00
25/03/2024 03:40	4.2	116	12	6.2	0.00
25/03/2024 03:50	3.4	136	16	5.2	0.00
25/03/2024 04:00	2.6	135	13	3.6	0.00
25/03/2024 04:10	2.5	132	14	4.0	0.00
25/03/2024 04:20	2.8	143	17	4.6	0.00
25/03/2024 04:30	2.5	148	17	4.1	0.00
25/03/2024 04:40	2.3	139	15	3.5	0.00
25/03/2024 04:50	2.5	141	16	4.0	0.00
25/03/2024 05:00	2.7	139	15	3.6	0.00
25/03/2024 05:10	2.7	140	14	4.2	0.00
25/03/2024 05:20	3.0	130	14	4.7	0.00
25/03/2024 05:30	2.5	124	15	4.5	0.00
25/03/2024 05:40	3.1	119	13	4.4	0.00
25/03/2024 05:50	4.5	106	10	6.6	0.00
25/03/2024 06:00	4.2	105	11	6.0	0.00
25/03/2024 06:10	4.1	106	13	5.7	0.00
25/03/2024 06:20	3.8	105	12	5.2	0.00
25/03/2024 06:30	4.1	109	11	5.6	0.00
25/03/2024 06:40	4.3	107	10	6.4	0.00
25/03/2024 06:50	4.4	108	11	5.7	0.00
25/03/2024 07:00	4.3	107	11	5.8	0.00
25/03/2024 07:10	3.9	107	11	5.5	0.00
25/03/2024 07:20	4.2	110	10	6.2	0.00
25/03/2024 07:30	4.4	114	11	6.0	0.00
25/03/2024 07:40	4.6	112	11	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 07:50	4.9	108	10	6.7	0.00
25/03/2024 08:00	4.4	111	12	5.9	0.00
25/03/2024 08:10	4.8	106	11	6.8	0.00
25/03/2024 08:20	4.6	111	14	6.4	0.00
25/03/2024 08:30	5.3	100	11	7.5	0.00
25/03/2024 08:40	5.1	104	14	7.2	0.00
25/03/2024 08:50	6.0	98	11	7.7	0.00
25/03/2024 09:00	5.7	96	12	8.0	0.00
25/03/2024 09:10	5.8	93	14	8.1	0.00
25/03/2024 09:20	5.4	97	14	8.0	0.00
25/03/2024 09:30	5.7	104	14	7.5	0.00
25/03/2024 09:40	5.6	102	16	8.3	0.00
25/03/2024 09:50	5.3	99	14	7.6	0.00
25/03/2024 10:00	5.5	99	13	7.4	0.00
25/03/2024 10:10	5.2	100	12	7.2	0.00
25/03/2024 10:20	5.3	88	13	7.2	0.00
25/03/2024 10:30	5.3	93	13	7.3	0.00
25/03/2024 10:40	5.0	89	13	7.2	0.00
25/03/2024 10:50	5.2	86	15	7.3	0.00
25/03/2024 11:00	4.8	90	16	6.6	0.00
25/03/2024 11:10	5.1	104	14	7.1	0.00
25/03/2024 11:20	4.9	84	13	7.4	0.00
25/03/2024 11:30	4.8	77	13	6.9	0.00
25/03/2024 11:40	4.7	76	16	6.4	0.00
25/03/2024 11:50	4.6	77	16	6.1	0.00
25/03/2024 12:00	4.6	72	14	7.0	0.00
25/03/2024 12:10	4.8	66	17	6.7	0.00
25/03/2024 12:20	4.6	77	15	6.4	0.00
25/03/2024 12:30	4.5	71	13	6.4	0.00
25/03/2024 12:40	4.1	69	18	5.8	0.00
25/03/2024 12:50	4.2	69	17	6.3	0.00
25/03/2024 13:00	3.5	59	20	5.5	0.00
25/03/2024 13:10	3.5	57	16	5.4	0.00
25/03/2024 13:20	3.4	24	31	5.1	0.00
25/03/2024 13:30	3.4	9	26	5.2	0.00
25/03/2024 13:40	4.0	184	25	6.3	0.00
25/03/2024 13:50	3.9	22	21	5.8	0.00
25/03/2024 14:00	3.9	18	20	6.0	0.00
25/03/2024 14:10	4.0	16	23	5.6	0.00
25/03/2024 14:20	4.2	6	19	6.0	0.00
25/03/2024 14:30	3.9	14	25	5.7	0.00
25/03/2024 14:40	4.0	187	24	6.2	0.00
25/03/2024 14:50	3.8	10	24	5.5	0.00
25/03/2024 15:00	4.1	185	15	5.6	0.00
25/03/2024 15:10	4.0	3	21	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 15:20	3.8	183	23	5.8	0.00
25/03/2024 15:30	3.9	176	21	5.9	0.00
25/03/2024 15:40	4.4	15	19	6.0	0.00
25/03/2024 15:50	4.5	22	15	6.7	0.00
25/03/2024 16:00	4.3	15	22	6.4	0.00
25/03/2024 16:10	4.5	19	20	6.3	0.00
25/03/2024 16:20	4.1	20	19	6.0	0.00
25/03/2024 16:30	3.9	16	19	5.9	0.00
25/03/2024 16:40	4.1	182	22	6.4	0.00
25/03/2024 16:50	3.1	190	22	5.5	0.00
25/03/2024 17:00	3.6	175	22	5.7	0.00
25/03/2024 17:10	2.9	337	28	5.5	0.00
25/03/2024 17:20	3.0	343	28	5.3	0.00
25/03/2024 17:30	2.9	325	21	5.2	0.00
25/03/2024 17:40	3.5	314	21	6.2	0.00
25/03/2024 17:50	3.7	299	17	5.8	0.00
25/03/2024 18:00	4.4	299	13	6.3	0.00
25/03/2024 18:10	4.3	291	15	6.0	0.00
25/03/2024 18:20	4.4	297	12	5.7	0.00
25/03/2024 18:30	4.2	289	15	5.6	0.00
25/03/2024 18:40	3.8	289	15	5.4	0.00
25/03/2024 18:50	3.6	295	13	5.3	0.00
25/03/2024 19:00	3.9	291	14	5.2	0.00
25/03/2024 19:10	3.6	295	14	4.9	0.00
25/03/2024 19:20	3.7	288	15	5.2	0.00
25/03/2024 19:30	3.1	288	15	4.7	0.00
25/03/2024 19:40	3.5	286	14	5.0	0.00
25/03/2024 19:50	3.7	274	14	5.0	0.00
25/03/2024 20:00	3.7	268	10	5.2	0.00
25/03/2024 20:10	4.3	268	12	5.8	0.00
25/03/2024 20:20	4.5	266	10	5.9	0.00
25/03/2024 20:30	3.9	271	13	5.2	0.00
25/03/2024 20:40	4.4	267	10	6.2	0.00
25/03/2024 20:50	3.7	269	12	5.2	0.00
25/03/2024 21:00	3.9	271	12	5.2	0.00
25/03/2024 21:10	4.1	266	11	5.6	0.00
25/03/2024 21:20	4.3	265	11	6.4	0.00
25/03/2024 21:30	4.6	268	10	5.9	0.00
25/03/2024 21:40	4.9	265	10	6.4	0.00
25/03/2024 21:50	4.9	264	10	6.8	0.00
25/03/2024 22:00	4.8	261	11	6.8	0.00
25/03/2024 22:10	4.5	261	10	6.5	0.00
25/03/2024 22:20	4.9	259	11	6.7	0.00
25/03/2024 22:30	4.4	257	12	6.0	0.00
25/03/2024 22:40	4.3	257	12	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 22:50	4.1	258	13	5.6	0.00
25/03/2024 23:00	3.8	251	11	5.2	0.00
25/03/2024 23:10	3.8	244	12	5.4	0.00
25/03/2024 23:20	3.1	234	13	4.4	0.00
25/03/2024 23:30	2.7	234	15	4.2	0.00
25/03/2024 23:40	2.8	234	13	4.4	0.00
25/03/2024 23:50	2.6	241	12	4.0	0.00
26/03/2024 00:00	2.8	250	14	4.2	0.00
26/03/2024 00:10	3.1	253	15	4.4	0.00
26/03/2024 00:20	3.0	242	12	4.4	0.00
26/03/2024 00:30	3.2	245	12	4.4	0.00
26/03/2024 00:40	3.2	241	11	4.5	0.00
26/03/2024 00:50	2.4	246	13	3.5	0.00
26/03/2024 01:00	2.6	251	12	3.6	0.00
26/03/2024 01:10	2.7	245	13	3.6	0.00
26/03/2024 01:20	2.4	249	13	3.6	0.00
26/03/2024 01:30	2.3	255	12	3.3	0.00
26/03/2024 01:40	2.7	242	12	3.8	0.00
26/03/2024 01:50	2.6	245	13	3.6	0.00
26/03/2024 02:00	2.5	237	17	3.9	0.00
26/03/2024 02:10	3.1	234	14	4.5	0.00
26/03/2024 02:20	2.5	232	14	3.6	0.00
26/03/2024 02:30	2.5	233	13	3.6	0.00
26/03/2024 02:40	1.9	227	14	2.6	0.00
26/03/2024 02:50	1.8	231	16	2.6	0.00
26/03/2024 03:00	2.0	241	15	2.8	0.00
26/03/2024 03:10	2.0	232	15	3.0	0.00
26/03/2024 03:20	2.0	234	14	2.8	0.00
26/03/2024 03:30	2.0	238	13	2.8	0.00
26/03/2024 03:40	2.1	231	15	3.0	0.00
26/03/2024 03:50	2.3	232	14	3.2	0.00
26/03/2024 04:00	2.3	237	13	3.2	0.00
26/03/2024 04:10	1.9	248	13	2.4	0.00
26/03/2024 04:20	1.8	258	12	2.7	0.00
26/03/2024 04:30	2.0	251	14	3.0	0.00
26/03/2024 04:40	2.1	241	11	2.9	0.00
26/03/2024 04:50	2.1	239	12	2.9	0.00
26/03/2024 05:00	1.8	239	11	2.5	0.00
26/03/2024 05:10	1.4	243	12	2.0	0.00
26/03/2024 05:20	1.3	239	14	2.0	0.00
26/03/2024 05:30	1.4	237	15	2.0	0.00
26/03/2024 05:40	1.4	232	14	2.3	0.00
26/03/2024 05:50	1.1	232	14	1.6	0.00
26/03/2024 06:00	0.9	238	15	1.2	0.00
26/03/2024 06:10	0.9	247	13	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 06:20	0.1	182	5	0.7	0.00
26/03/2024 06:30					0.00
26/03/2024 06:40					0.00
26/03/2024 06:50	0.3	223	20	1.1	0.00
26/03/2024 07:00	0.4	193	25	1.0	0.00
26/03/2024 07:10	0.2	154	12	0.9	0.00
26/03/2024 07:20	1.6	149	42	2.5	0.00
26/03/2024 07:30	2.0	146	27	3.0	0.00
26/03/2024 07:40	2.2	148	31	3.2	0.00
26/03/2024 07:50	3.7	139	19	5.5	0.00
26/03/2024 08:00	4.2	137	16	5.4	0.00
26/03/2024 08:10	4.9	117	12	6.8	0.00
26/03/2024 08:20	5.1	108	11	6.5	0.00
26/03/2024 08:30	5.5	112	12	7.8	0.00
26/03/2024 08:40	5.8	117	10	7.5	0.00
26/03/2024 08:50	5.5	111	11	8.4	0.00
26/03/2024 09:00	6.5	111	11	8.5	0.00
26/03/2024 09:10	6.0	100	12	8.6	0.00
26/03/2024 09:20	6.2	95	11	9.1	0.00
26/03/2024 09:30	6.4	97	12	9.4	0.00
26/03/2024 09:40	6.3	89	15	8.3	0.00
26/03/2024 09:50	7.1	90	10	9.5	0.00
26/03/2024 10:00	6.8	92	12	9.6	0.00
26/03/2024 10:10	6.3	93	11	9.9	0.00
26/03/2024 10:20	6.9	89	13	9.5	0.00
26/03/2024 10:30	6.7	91	13	9.1	0.00
26/03/2024 10:40	7.2	87	13	9.6	0.00
26/03/2024 10:50	7.6	82	10	9.9	0.00
26/03/2024 11:00	7.1	82	12	9.6	0.00
26/03/2024 11:10	7.1	85	12	9.9	0.00
26/03/2024 11:20	6.7	81	13	9.2	0.00
26/03/2024 11:30	7.3	84	11	9.6	0.00
26/03/2024 11:40	6.7	81	11	8.8	0.00
26/03/2024 11:50	6.9	81	12	9.3	0.00
26/03/2024 12:00	6.8	77	13	8.8	0.00
26/03/2024 12:10	6.3	76	12	8.7	0.00
26/03/2024 12:20	6.4	68	13	8.7	0.00
26/03/2024 12:30	6.3	73	13	8.7	0.00
26/03/2024 12:40	6.3	74	13	8.7	0.00
26/03/2024 12:50	6.1	69	14	8.3	0.00
26/03/2024 13:00	5.8	63	16	7.9	0.00
26/03/2024 13:10	5.1	59	14	7.3	0.00
26/03/2024 13:20	5.4	63	16	7.3	0.00
26/03/2024 13:30	5.4	66	13	7.8	0.00
26/03/2024 13:40	5.1	63	12	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 13:50	4.9	65	12	6.6	0.00
26/03/2024 14:00	4.5	56	15	6.4	0.00
26/03/2024 14:10	4.7	58	16	7.1	0.00
26/03/2024 14:20	4.6	22	21	6.8	0.00
26/03/2024 14:30	4.7	187	23	7.4	0.00
26/03/2024 14:40	4.4	185	19	6.4	0.00
26/03/2024 14:50	4.1	360	26	6.3	0.00
26/03/2024 15:00	3.9	177	25	6.0	0.00
26/03/2024 15:10	4.4	5	25	7.2	0.00
26/03/2024 15:20	4.4	181	22	6.9	0.00
26/03/2024 15:30	4.5	4	18	7.1	0.00
26/03/2024 15:40	4.5	15	20	6.9	0.00
26/03/2024 15:50	4.0	21	25	6.0	0.00
26/03/2024 16:00	3.5	7	27	5.4	0.00
26/03/2024 16:10	3.3	11	23	4.8	0.00
26/03/2024 16:20	3.2	19	21	5.4	0.00
26/03/2024 16:30	3.8	20	23	5.5	0.00
26/03/2024 16:40	3.5	15	25	5.2	0.00
26/03/2024 16:50	3.9	13	20	6.1	0.00
26/03/2024 17:00	3.8	9	16	5.6	0.00
26/03/2024 17:10	3.4	17	24	5.6	0.00
26/03/2024 17:20	4.0	19	19	6.4	0.00
26/03/2024 17:30	3.8	17	18	5.7	0.00
26/03/2024 17:40	4.2	9	19	6.4	0.00
26/03/2024 17:50	3.7	354	24	5.7	0.00
26/03/2024 18:00	3.1	179	27	5.0	0.00
26/03/2024 18:10	3.1	347	29	5.2	0.00
26/03/2024 18:20	3.1	336	22	4.8	0.00
26/03/2024 18:30	3.9	312	17	6.0	0.00
26/03/2024 18:40	2.5	340	31	4.3	0.00
26/03/2024 18:50	3.7	308	16	5.6	0.00
26/03/2024 19:00	4.0	306	15	6.1	0.00
26/03/2024 19:10	4.4	297	13	6.1	0.00
26/03/2024 19:20	3.9	289	16	5.4	0.00
26/03/2024 19:30	4.3	295	14	6.1	0.00
26/03/2024 19:40	3.8	284	14	5.6	0.00
26/03/2024 19:50	3.4	288	15	4.7	0.00
26/03/2024 20:00	3.8	275	13	5.1	0.00
26/03/2024 20:10	3.7	281	15	5.4	0.00
26/03/2024 20:20	3.7	281	18	5.1	0.00
26/03/2024 20:30	3.4	278	16	4.7	0.00
26/03/2024 20:40	3.7	269	12	5.0	0.00
26/03/2024 20:50	3.7	270	10	5.1	0.00
26/03/2024 21:00	3.5	262	9	4.5	0.00
26/03/2024 21:10	3.4	267	11	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 21:20	3.3	267	9	4.4	0.00
26/03/2024 21:30	3.6	265	9	5.0	0.00
26/03/2024 21:40	3.5	269	10	4.6	0.00
26/03/2024 21:50	3.4	268	10	4.7	0.00
26/03/2024 22:00	3.5	265	10	4.6	0.00
26/03/2024 22:10	3.1	263	10	4.3	0.00
26/03/2024 22:20	3.3	268	10	4.4	0.00
26/03/2024 22:30	3.0	263	9	4.0	0.00
26/03/2024 22:40	2.5	252	13	4.0	0.00
26/03/2024 22:50	3.1	260	10	4.6	0.00
26/03/2024 23:00	2.9	261	12	3.9	0.00
26/03/2024 23:10	3.4	262	10	4.5	0.00
26/03/2024 23:20	3.8	262	10	5.2	0.00
26/03/2024 23:30	3.7	260	11	4.9	0.00
26/03/2024 23:40	3.6	258	12	4.8	0.00
26/03/2024 23:50	3.5	260	12	4.5	0.00
27/03/2024 00:00	4.0	255	11	5.3	0.00
27/03/2024 00:10	3.3	255	13	4.8	0.00
27/03/2024 00:20	3.1	254	12	4.8	0.00
27/03/2024 00:30	2.2	225	15	3.2	0.00
27/03/2024 00:40	2.7	236	14	3.7	0.00
27/03/2024 00:50	2.4	235	15	3.3	0.00
27/03/2024 01:00	2.2	232	15	3.4	0.00
27/03/2024 01:10	2.1	245	14	3.0	0.00
27/03/2024 01:20	2.7	243	11	3.6	0.00
27/03/2024 01:30	2.8	243	12	4.0	0.00
27/03/2024 01:40	2.5	245	13	3.3	0.00
27/03/2024 01:50	2.2	243	13	3.2	0.00
27/03/2024 02:00	3.1	237	14	4.8	0.00
27/03/2024 02:10	3.2	241	14	4.4	0.00
27/03/2024 02:20	2.0	191	48	3.2	0.00
27/03/2024 02:30	1.9	232	22	3.1	0.00
27/03/2024 02:40	1.6	227	39	2.8	0.00
27/03/2024 02:50	0.7	143	45	1.3	0.00
27/03/2024 03:00	1.5	246	16	2.3	0.00
27/03/2024 03:10	1.5	233	16	2.5	0.00
27/03/2024 03:20	1.1	245	17	1.9	0.00
27/03/2024 03:30	1.2	240	20	1.9	0.00
27/03/2024 03:40	1.5	261	19	2.4	0.00
27/03/2024 03:50	1.9	265	12	2.8	0.00
27/03/2024 04:00	2.1	283	11	2.8	0.00
27/03/2024 04:10	2.5	272	11	3.5	0.00
27/03/2024 04:20	1.9	275	11	2.7	0.00
27/03/2024 04:30	1.5	270	17	2.3	0.00
27/03/2024 04:40	1.3	247	23	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 04:50	1.7	232	63	2.6	0.00
27/03/2024 05:00	1.6	238	52	2.5	0.00
27/03/2024 05:10	2.2	223	36	3.3	0.00
27/03/2024 05:20	1.5	246	64	2.7	0.00
27/03/2024 05:30	2.5	225	37	3.6	0.00
27/03/2024 05:40	1.5	233	64	2.7	0.00
27/03/2024 05:50	2.4	227	33	3.7	0.00
27/03/2024 06:00	2.0	230	47	3.3	0.00
27/03/2024 06:10	1.5	146	82	2.5	0.00
27/03/2024 06:20	1.2	156	81	2.1	0.00
27/03/2024 06:30	1.7	225	59	2.8	0.00
27/03/2024 06:40	1.4	221	31	2.4	0.00
27/03/2024 06:50	0.3	237	39	0.8	0.00
27/03/2024 07:00	0.9	278	95	1.6	0.00
27/03/2024 07:10	1.3	239	79	2.2	0.00
27/03/2024 07:20	1.1	78	87	2.3	0.00
27/03/2024 07:30	1.3	97	85	2.0	0.00
27/03/2024 07:40	1.3	48	82	2.0	0.00
27/03/2024 07:50	1.6	128	60	2.5	0.00
27/03/2024 08:00	2.2	146	43	3.7	0.00
27/03/2024 08:10	2.5	147	37	4.2	0.00
27/03/2024 08:20	3.3	142	22	5.1	0.00
27/03/2024 08:30	3.9	147	14	5.4	0.00
27/03/2024 08:40	3.3	142	19	4.9	0.00
27/03/2024 08:50	3.7	143	19	5.3	0.00
27/03/2024 09:00	3.6	145	20	5.1	0.00
27/03/2024 09:10	3.5	141	22	5.5	0.00
27/03/2024 09:20	4.0	133	17	5.7	0.00
27/03/2024 09:30	4.3	134	17	6.3	0.00
27/03/2024 09:40	4.1	131	17	5.6	0.00
27/03/2024 09:50	3.9	132	15	6.0	0.00
27/03/2024 10:00	4.2	120	16	6.0	0.00
27/03/2024 10:10	3.4	120	17	4.5	0.00
27/03/2024 10:20	3.6	120	20	5.0	0.00
27/03/2024 10:30	4.0	104	14	5.6	0.00
27/03/2024 10:40	3.5	114	22	5.9	0.00
27/03/2024 10:50	3.5	115	16	5.4	0.00
27/03/2024 11:00	4.0	102	19	6.0	0.00
27/03/2024 11:10	4.0	91	12	5.7	0.00
27/03/2024 11:20	4.3	77	17	5.8	0.00
27/03/2024 11:30	4.8	76	10	6.2	0.00
27/03/2024 11:40	5.1	90	10	6.5	0.00
27/03/2024 11:50	5.0	77	12	6.4	0.00
27/03/2024 12:00	4.9	74	13	6.2	0.00
27/03/2024 12:10	5.1	75	13	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 12:20	4.9	79	12	7.2	0.00
27/03/2024 12:30	4.2	76	16	5.6	0.00
27/03/2024 12:40	4.3	80	16	6.2	0.00
27/03/2024 12:50	3.4	57	19	4.8	0.00
27/03/2024 13:00	3.9	84	17	6.0	0.00
27/03/2024 13:10	3.9	68	15	5.8	0.00
27/03/2024 13:20	4.0	87	14	6.4	0.00
27/03/2024 13:30	4.2	82	14	5.8	0.00
27/03/2024 13:40	4.2	81	15	6.3	0.00
27/03/2024 13:50	4.1	68	17	5.9	0.00
27/03/2024 14:00	4.3	76	16	6.3	0.00
27/03/2024 14:10	3.7	74	17	5.6	0.00
27/03/2024 14:20	3.9	64	15	5.5	0.00
27/03/2024 14:30	3.4	58	15	5.7	0.00
27/03/2024 14:40	2.9	41	30	4.9	0.00
27/03/2024 14:50	3.2	199	25	4.7	0.00
27/03/2024 15:00	3.9	326	22	6.4	0.00
27/03/2024 15:10	4.0	314	26	6.8	0.00
27/03/2024 15:20	3.3	337	30	6.4	0.00
27/03/2024 15:30	4.2	181	21	6.2	0.00
27/03/2024 15:40	3.7	13	21	6.2	0.00
27/03/2024 15:50	3.5	11	22	5.4	0.00
27/03/2024 16:00	3.6	181	25	6.0	0.00
27/03/2024 16:10	3.4	5	32	5.2	0.00
27/03/2024 16:20	3.5	322	29	6.6	0.00
27/03/2024 16:30	5.7	300	13	7.5	0.00
27/03/2024 16:40	3.6	320	24	5.9	0.00
27/03/2024 16:50	3.1	335	27	6.4	0.00
27/03/2024 17:00	3.4	312	21	6.2	0.00
27/03/2024 17:10	2.6	325	41	3.9	0.00
27/03/2024 17:20	3.9	303	14	5.6	0.00
27/03/2024 17:30	3.6	310	15	5.3	0.00
27/03/2024 17:40	4.5	299	12	5.9	0.00
27/03/2024 17:50	4.3	299	12	5.7	0.00
27/03/2024 18:00	3.9	284	15	5.3	0.00
27/03/2024 18:10	3.8	283	16	5.3	0.00
27/03/2024 18:20	4.0	275	13	5.4	0.00
27/03/2024 18:30	3.8	277	13	5.6	0.00
27/03/2024 18:40	3.3	277	16	4.8	0.00
27/03/2024 18:50	3.7	275	13	5.0	0.00
27/03/2024 19:00	3.9	267	8	5.2	0.00
27/03/2024 19:10	4.0	266	10	5.1	0.00
27/03/2024 19:20	4.3	267	11	5.6	0.00
27/03/2024 19:30	4.0	267	11	5.3	0.00
27/03/2024 19:40	3.6	265	9	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 19:50	3.9	267	10	5.2	0.00
27/03/2024 20:00	3.6	265	10	4.7	0.00
27/03/2024 20:10	3.6	267	8	4.8	0.00
27/03/2024 20:20	3.9	262	11	4.9	0.00
27/03/2024 20:30	4.3	267	10	5.3	0.00
27/03/2024 20:40	3.5	264	10	4.8	0.00
27/03/2024 20:50	3.6	267	10	4.8	0.00
27/03/2024 21:00	3.4	267	10	4.3	0.00
27/03/2024 21:10	2.9	266	9	3.8	0.00
27/03/2024 21:20	2.5	267	10	3.4	0.00
27/03/2024 21:30	2.3	269	9	3.1	0.00
27/03/2024 21:40	2.5	271	9	3.3	0.00
27/03/2024 21:50	3.0	266	9	4.3	0.00
27/03/2024 22:00	2.9	262	12	4.3	0.00
27/03/2024 22:10	3.2	266	9	4.4	0.00
27/03/2024 22:20	3.3	267	9	4.4	0.00
27/03/2024 22:30	2.8	264	10	3.7	0.00
27/03/2024 22:40	3.2	261	10	4.2	0.00
27/03/2024 22:50	3.5	260	11	4.4	0.00
27/03/2024 23:00	3.1	256	12	4.8	0.00
27/03/2024 23:10	2.7	253	12	4.0	0.00
27/03/2024 23:20	2.3	241	15	3.3	0.00
27/03/2024 23:30	2.1	243	12	3.1	0.00
27/03/2024 23:40	2.5	248	13	3.4	0.00
27/03/2024 23:50	3.3	253	11	4.3	0.00
28/03/2024 00:00	3.5	258	11	4.8	0.00
28/03/2024 00:10	2.8	256	10	3.6	0.00
28/03/2024 00:20	2.1	249	11	3.1	0.00
28/03/2024 00:30	2.8	242	9	3.8	0.00
28/03/2024 00:40	2.9	250	11	3.9	0.00
28/03/2024 00:50	2.5	251	11	3.3	0.00
28/03/2024 01:00	2.5	250	12	3.6	0.00
28/03/2024 01:10	2.8	249	11	3.6	0.00
28/03/2024 01:20	2.3	243	10	3.2	0.00
28/03/2024 01:30	2.5	245	12	3.2	0.00
28/03/2024 01:40	2.4	240	13	3.2	0.00
28/03/2024 01:50	2.5	243	11	3.3	0.00
28/03/2024 02:00	2.4	246	13	3.1	0.00
28/03/2024 02:10	2.5	249	11	3.7	0.00
28/03/2024 02:20	2.3	262	10	3.0	0.00
28/03/2024 02:30	2.0	259	13	2.8	0.00
28/03/2024 02:40	2.3	254	10	3.5	0.00
28/03/2024 02:50	2.0	258	12	2.9	0.00
28/03/2024 03:00	2.3	252	12	3.2	0.00
28/03/2024 03:10	2.4	257	12	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 03:20	2.5	253	13	3.1	0.00
28/03/2024 03:30	2.4	250	13	3.2	0.00
28/03/2024 03:40	2.3	251	11	3.2	0.00
28/03/2024 03:50	2.7	252	12	3.9	0.00
28/03/2024 04:00	2.8	242	12	3.9	0.00
28/03/2024 04:10	2.3	238	15	3.6	0.00
28/03/2024 04:20	2.8	233	14	4.3	0.00
28/03/2024 04:30	2.9	239	12	4.0	0.00
28/03/2024 04:40	2.5	242	12	3.4	0.00
28/03/2024 04:50	2.8	239	13	3.7	0.00
28/03/2024 05:00	2.9	240	11	4.0	0.00
28/03/2024 05:10	2.9	236	14	4.2	0.00
28/03/2024 05:20	2.7	236	14	3.9	0.00
28/03/2024 05:30	2.6	238	11	3.8	0.00
28/03/2024 05:40	2.3	244	12	3.0	0.00
28/03/2024 05:50	2.2	241	13	2.9	0.00
28/03/2024 06:00	2.5	236	11	3.7	0.00
28/03/2024 06:10	2.4	246	11	3.2	0.00
28/03/2024 06:20	2.2	259	11	2.8	0.00
28/03/2024 06:30	2.0	265	12	3.0	0.00
28/03/2024 06:40	2.1	259	14	3.1	0.00
28/03/2024 06:50	2.4	262	15	3.7	0.00
28/03/2024 07:00	2.2	269	12	3.4	0.00
28/03/2024 07:10	1.5	284	18	2.3	0.00
28/03/2024 07:20	0.6	161	16	1.4	0.00
28/03/2024 07:30	1.3	225	49	2.6	0.00
28/03/2024 07:40	1.3	221	58	2.6	0.00
28/03/2024 07:50	1.5	242	81	3.1	0.00
28/03/2024 08:00	1.4	140	82	2.8	0.00
28/03/2024 08:10	1.7	100	78	2.8	0.00
28/03/2024 08:20	1.5	54	90	2.7	0.00
28/03/2024 08:30	1.9	127	57	3.4	0.00
28/03/2024 08:40	2.4	147	48	3.9	0.00
28/03/2024 08:50	3.3	142	19	4.9	0.00
28/03/2024 09:00	3.1	137	17	4.8	0.00
28/03/2024 09:10	3.7	133	17	5.2	0.00
28/03/2024 09:20	3.6	123	14	5.1	0.00
28/03/2024 09:30	3.6	124	17	5.2	0.00
28/03/2024 09:40	3.7	120	14	5.4	0.00
28/03/2024 09:50	3.4	115	16	4.6	0.00
28/03/2024 10:00	3.7	111	13	5.2	0.00
28/03/2024 10:10	3.6	99	20	5.2	0.00
28/03/2024 10:20	3.6	113	15	5.7	0.00
28/03/2024 10:30	3.4	117	16	4.8	0.00
28/03/2024 10:40	3.7	103	18	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 10:50	3.7	104	15	5.4	0.00
28/03/2024 11:00	4.4	80	13	5.8	0.00
28/03/2024 11:10	3.7	81	13	5.2	0.00
28/03/2024 11:20	3.4	94	16	4.8	0.00
28/03/2024 11:30	3.5	97	14	5.4	0.00
28/03/2024 11:40	3.6	89	17	5.4	0.00
28/03/2024 11:50	4.2	85	14	5.9	0.00
28/03/2024 12:00	4.0	81	11	5.5	0.00
28/03/2024 12:10	3.9	95	15	5.4	0.00
28/03/2024 12:20	3.5	79	15	5.2	0.00
28/03/2024 12:30	3.6	81	22	5.0	0.00
28/03/2024 12:40	3.6	90	18	5.6	0.00
28/03/2024 12:50	3.8	76	16	5.7	0.00
28/03/2024 13:00	3.1	50	18	4.8	0.00
28/03/2024 13:10	3.1	68	21	5.5	0.00
28/03/2024 13:20	3.4	45	28	6.0	0.00
28/03/2024 13:30	4.3	8	26	6.8	0.00
28/03/2024 13:40	4.4	3	21	6.0	0.00
28/03/2024 13:50	4.2	6	20	6.1	0.00
28/03/2024 14:00	4.2	10	24	6.2	0.00
28/03/2024 14:10	3.8	180	20	5.9	0.00
28/03/2024 14:20	4.1	189	19	6.4	0.00
28/03/2024 14:30	4.7	12	19	6.8	0.00
28/03/2024 14:40	4.3	184	23	6.6	0.00
28/03/2024 14:50	4.1	353	26	6.5	0.00
28/03/2024 15:00	3.0	172	32	5.5	0.00
28/03/2024 15:10	3.7	333	31	6.0	0.00
28/03/2024 15:20	3.7	354	26	6.2	0.00
28/03/2024 15:30	4.8	339	20	6.6	0.00
28/03/2024 15:40	4.2	344	21	6.3	0.00
28/03/2024 15:50	3.3	352	31	5.9	0.00
28/03/2024 16:00	3.2	176	27	5.1	0.00
28/03/2024 16:10	3.4	171	25	6.1	0.00
28/03/2024 16:20	3.0	339	25	5.0	0.00
28/03/2024 16:30	3.4	318	27	5.6	0.00
28/03/2024 16:40	3.7	315	18	5.3	0.00
28/03/2024 16:50	3.2	324	24	5.2	0.00
28/03/2024 17:00	4.1	302	15	5.9	0.00
28/03/2024 17:10	4.5	293	13	6.7	0.00
28/03/2024 17:20	4.6	286	17	5.8	0.00
28/03/2024 17:30	3.9	293	15	6.1	0.00
28/03/2024 17:40	4.1	291	14	5.9	0.00
28/03/2024 17:50	4.2	298	11	5.7	0.00
28/03/2024 18:00	3.9	285	15	5.4	0.00
28/03/2024 18:10	4.2	285	15	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 18:20	3.5	280	15	4.6	0.00
28/03/2024 18:30	4.0	291	12	5.4	0.00
28/03/2024 18:40	3.6	292	14	5.2	0.00
28/03/2024 18:50	3.2	293	17	4.6	0.00
28/03/2024 19:00	3.1	288	17	4.7	0.00
28/03/2024 19:10	3.1	286	15	4.3	0.00
28/03/2024 19:20	3.0	274	13	4.1	0.00
28/03/2024 19:30	3.5	273	12	4.8	0.00
28/03/2024 19:40	3.4	278	13	4.4	0.00
28/03/2024 19:50	3.3	275	13	4.4	0.00
28/03/2024 20:00	3.1	269	12	4.0	0.00
28/03/2024 20:10	3.2	267	9	4.0	0.00
28/03/2024 20:20	3.0	266	10	4.2	0.00
28/03/2024 20:30	2.9	273	13	4.2	0.00
28/03/2024 20:40	2.8	273	13	3.7	0.00
28/03/2024 20:50	2.6	270	11	3.6	0.00
28/03/2024 21:00	2.7	265	9	3.6	0.00
28/03/2024 21:10	2.8	264	9	3.7	0.00
28/03/2024 21:20	3.1	265	9	4.3	0.00
28/03/2024 21:30	2.8	265	8	3.6	0.00
28/03/2024 21:40	2.9	265	10	4.0	0.00
28/03/2024 21:50	3.1	264	10	4.1	0.00
28/03/2024 22:00	3.4	263	10	4.5	0.00
28/03/2024 22:10	3.5	265	10	4.4	0.00
28/03/2024 22:20	3.4	266	9	4.1	0.00
28/03/2024 22:30	3.3	265	9	4.3	0.00
28/03/2024 22:40	3.5	266	9	4.4	0.00
28/03/2024 22:50	3.5	268	9	4.4	0.00
28/03/2024 23:00	3.7	268	9	4.9	0.00
28/03/2024 23:10	3.8	264	11	5.0	0.00
28/03/2024 23:20	3.7	268	8	5.0	0.00
28/03/2024 23:30	3.9	267	9	5.4	0.00
28/03/2024 23:40	3.4	264	10	4.7	0.00
28/03/2024 23:50	3.6	269	9	4.8	0.00
29/03/2024 00:00	3.5	268	10	4.7	0.00
29/03/2024 00:10	3.5	269	9	4.4	0.00
29/03/2024 00:20	3.7	269	8	4.5	0.00
29/03/2024 00:30	3.6	267	10	4.5	0.00
29/03/2024 00:40	4.1	262	11	5.8	0.00
29/03/2024 00:50	3.7	264	11	5.1	0.00
29/03/2024 01:00	3.3	264	11	4.4	0.00
29/03/2024 01:10	3.5	268	10	4.7	0.00
29/03/2024 01:20	3.6	266	9	4.8	0.00
29/03/2024 01:30	4.1	264	10	6.0	0.00
29/03/2024 01:40	4.2	261	12	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 01:50	3.8	267	9	4.8	0.00
29/03/2024 02:00	3.6	262	10	4.7	0.00
29/03/2024 02:10	3.8	263	11	5.2	0.00
29/03/2024 02:20	3.5	263	10	4.7	0.00
29/03/2024 02:30	3.5	264	11	4.8	0.00
29/03/2024 02:40	3.8	267	9	5.6	0.00
29/03/2024 02:50	3.5	265	9	4.7	0.00
29/03/2024 03:00	3.8	267	11	4.8	0.00
29/03/2024 03:10	3.8	265	11	5.1	0.00
29/03/2024 03:20	4.2	265	9	5.3	0.00
29/03/2024 03:30	3.8	265	11	5.3	0.00
29/03/2024 03:40	3.8	266	9	5.2	0.00
29/03/2024 03:50	4.1	261	11	5.0	0.00
29/03/2024 04:00	3.8	264	11	5.4	0.00
29/03/2024 04:10	3.6	262	10	4.8	0.00
29/03/2024 04:20	3.5	258	11	4.6	0.00
29/03/2024 04:30	3.9	259	10	5.2	0.00
29/03/2024 04:40	1.8	235	16	2.7	0.00
29/03/2024 04:50	1.5	239	14	2.0	0.00
29/03/2024 05:00	1.6	257	9	2.5	0.00
29/03/2024 05:10	1.4	247	12	2.1	0.00
29/03/2024 05:20	1.8	260	10	2.6	0.00
29/03/2024 05:30	1.3	256	10	1.7	0.00
29/03/2024 05:40	0.9	251	11	1.4	0.00
29/03/2024 05:50	1.3	257	9	1.7	0.00
29/03/2024 06:00	1.1	254	9	1.6	0.00
29/03/2024 06:10	1.3	251	11	1.6	0.00
29/03/2024 06:20	1.3	254	9	2.0	0.00
29/03/2024 06:30	1.6	254	10	2.1	0.00
29/03/2024 06:40	1.4	249	10	1.8	0.00
29/03/2024 06:50	1.7	240	11	2.3	0.00
29/03/2024 07:00	2.1	240	11	2.7	0.00
29/03/2024 07:10	2.1	231	11	2.9	0.00
29/03/2024 07:20	2.2	228	12	3.0	0.00
29/03/2024 07:30	2.4	241	13	3.2	0.00
29/03/2024 07:40	2.5	234	16	3.6	0.00
29/03/2024 07:50	3.1	229	14	4.3	0.00
29/03/2024 08:00	3.2	233	12	4.4	0.00
29/03/2024 08:10	2.9	236	15	4.0	0.00
29/03/2024 08:20	3.2	234	15	4.3	0.00
29/03/2024 08:30	3.1	232	15	4.4	0.00
29/03/2024 08:40	2.5	233	17	3.3	0.00
29/03/2024 08:50	1.7	228	36	2.8	0.00
29/03/2024 09:00	1.6	187	45	2.6	0.00
29/03/2024 09:10	1.8	125	42	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 09:20	2.3	132	20	3.4	0.00
29/03/2024 09:30	2.2	145	32	3.2	0.00
29/03/2024 09:40	2.4	144	22	3.4	0.00
29/03/2024 09:50	3.3	134	17	5.2	0.00
29/03/2024 10:00	3.0	132	20	4.9	0.00
29/03/2024 10:10	2.8	129	19	4.0	0.00
29/03/2024 10:20	3.2	108	17	4.8	0.00
29/03/2024 10:30	3.3	104	16	4.6	0.00
29/03/2024 10:40	2.8	96	15	5.0	0.00
29/03/2024 10:50	2.8	112	16	4.2	0.00
29/03/2024 11:00	3.1	106	24	4.6	0.00
29/03/2024 11:10	3.2	98	15	4.6	0.00
29/03/2024 11:20	4.2	86	14	6.1	0.00
29/03/2024 11:30	4.0	91	17	5.2	0.00
29/03/2024 11:40	4.2	77	12	5.9	0.00
29/03/2024 11:50	4.6	83	12	6.3	0.00
29/03/2024 12:00	4.7	79	14	6.4	0.00
29/03/2024 12:10	5.0	79	14	7.2	0.00
29/03/2024 12:20	5.4	86	12	7.5	0.00
29/03/2024 12:30	5.0	75	14	6.8	0.00
29/03/2024 12:40	5.3	81	12	7.3	0.00
29/03/2024 12:50	5.1	84	12	7.1	0.00
29/03/2024 13:00	5.5	86	12	7.3	0.00
29/03/2024 13:10	5.4	81	13	7.0	0.00
29/03/2024 13:20	5.2	80	13	7.5	0.00
29/03/2024 13:30	4.9	75	13	7.0	0.00
29/03/2024 13:40	5.9	79	11	7.5	0.00
29/03/2024 13:50	5.6	80	13	8.3	0.00
29/03/2024 14:00	5.7	77	12	7.5	0.00
29/03/2024 14:10	5.1	65	12	6.8	0.00
29/03/2024 14:20	5.3	69	13	7.3	0.00
29/03/2024 14:30	5.4	70	12	7.2	0.00
29/03/2024 14:40	5.1	73	13	6.5	0.00
29/03/2024 14:50	5.2	76	12	7.4	0.00
29/03/2024 15:00	5.0	71	13	6.7	0.00
29/03/2024 15:10	3.9	61	15	5.6	0.00
29/03/2024 15:20	3.6	18	23	5.5	0.00
29/03/2024 15:30	2.7	27	24	4.8	0.00
29/03/2024 15:40	3.6	13	18	6.2	0.00
29/03/2024 15:50	3.9	11	19	5.5	0.00
29/03/2024 16:00	3.1	183	24	5.0	0.00
29/03/2024 16:10	3.3	16	24	4.9	0.00
29/03/2024 16:20	3.4	8	19	5.0	0.00
29/03/2024 16:30	3.3	14	19	4.7	0.00
29/03/2024 16:40	3.0	356	28	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 16:50	3.7	341	21	5.6	0.00
29/03/2024 17:00	4.1	343	17	6.0	0.00
29/03/2024 17:10	3.1	347	24	5.6	0.00
29/03/2024 17:20	3.9	352	20	5.6	0.00
29/03/2024 17:30	3.0	9	23	5.2	0.00
29/03/2024 17:40	3.3	13	17	5.3	0.00
29/03/2024 17:50	3.3	349	22	4.8	0.00
29/03/2024 18:00	3.1	336	19	4.8	0.00
29/03/2024 18:10	2.8	344	20	4.4	0.00
29/03/2024 18:20	2.6	174	15	4.4	0.00
29/03/2024 18:30	3.2	183	19	5.0	0.00
29/03/2024 18:40	3.1	177	16	5.0	0.00
29/03/2024 18:50	3.0	333	24	4.4	0.00
29/03/2024 19:00	3.0	298	18	4.5	0.00
29/03/2024 19:10	2.8	305	18	4.3	0.00
29/03/2024 19:20	3.6	281	15	5.4	0.00
29/03/2024 19:30	3.0	276	13	4.1	0.00
29/03/2024 19:40	3.6	267	9	4.8	0.00
29/03/2024 19:50	3.3	270	12	4.5	0.00
29/03/2024 20:00	3.0	276	13	4.6	0.00
29/03/2024 20:10	2.9	275	16	4.0	0.00
29/03/2024 20:20	3.1	273	13	4.3	0.00
29/03/2024 20:30	3.8	267	8	4.7	0.00
29/03/2024 20:40	3.7	266	9	4.7	0.00
29/03/2024 20:50	3.2	266	10	4.0	0.00
29/03/2024 21:00	3.3	262	9	4.1	0.00
29/03/2024 21:10	3.3	261	9	4.1	0.00
29/03/2024 21:20	3.5	265	8	4.5	0.00
29/03/2024 21:30	3.4	264	10	4.4	0.00
29/03/2024 21:40	3.8	267	8	4.8	0.00
29/03/2024 21:50	3.7	269	7	4.4	0.00
29/03/2024 22:00	3.2	267	9	4.0	0.00
29/03/2024 22:10	2.7	265	8	3.4	0.00
29/03/2024 22:20	3.0	267	10	4.0	0.00
29/03/2024 22:30	3.0	266	7	3.8	0.00
29/03/2024 22:40	2.8	264	8	3.7	0.00
29/03/2024 22:50	2.9	249	12	4.0	0.00
29/03/2024 23:00	3.0	256	13	4.0	0.00
29/03/2024 23:10	3.2	262	10	4.3	0.00
29/03/2024 23:20	2.6	251	11	3.8	0.00
29/03/2024 23:30	2.8	246	11	3.9	0.00
29/03/2024 23:40	2.8	249	12	3.9	0.00
29/03/2024 23:50	2.6	246	12	3.8	0.00
30/03/2024 00:00	2.8	251	11	3.6	0.00
30/03/2024 00:10	2.4	251	12	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 00:20	2.5	255	12	3.2	0.00
30/03/2024 00:30	2.2	254	11	3.2	0.00
30/03/2024 00:40	2.2	251	11	3.2	0.00
30/03/2024 00:50	1.9	254	10	2.6	0.00
30/03/2024 01:00	1.6	258	9	2.2	0.00
30/03/2024 01:10	1.4	241	9	1.8	0.00
30/03/2024 01:20	1.3	253	11	2.0	0.00
30/03/2024 01:30	2.0	252	10	2.8	0.00
30/03/2024 01:40	2.1	252	11	2.8	0.00
30/03/2024 01:50	2.0	259	11	2.8	0.00
30/03/2024 02:00	2.4	261	10	3.5	0.00
30/03/2024 02:10	2.0	254	10	2.8	0.00
30/03/2024 02:20	1.9	255	10	2.4	0.00
30/03/2024 02:30	1.6	257	10	2.4	0.00
30/03/2024 02:40	1.4	254	12	2.1	0.00
30/03/2024 02:50	1.0	267	11	1.7	0.00
30/03/2024 03:00	0.8	248	9	1.4	0.00
30/03/2024 03:10					0.00
30/03/2024 03:20					0.00
30/03/2024 03:30					0.00
30/03/2024 03:40	0.0	114	1	0.4	0.00
30/03/2024 03:50	0.3	284	20	1.2	0.00
30/03/2024 04:00	0.9	141	14	1.6	0.00
30/03/2024 04:10	2.0	138	15	2.8	0.00
30/03/2024 04:20	1.2	154	25	2.0	0.00
30/03/2024 04:30	0.1	216	30	0.8	0.00
30/03/2024 04:40	0.3	303	7	0.9	0.00
30/03/2024 04:50	0.9	307	2	1.8	0.00
30/03/2024 05:00	0.6	210	22	1.2	0.00
30/03/2024 05:10					0.00
30/03/2024 05:20					0.00
30/03/2024 05:30					0.00
30/03/2024 05:40	0.2	312	3	0.8	0.00
30/03/2024 05:50	0.1	308	1	0.6	0.00
30/03/2024 06:00					0.00
30/03/2024 06:10	0.2	129	10	0.9	0.00
30/03/2024 06:20	0.6	74	18	1.2	0.00
30/03/2024 06:30	1.4	100	10	1.9	0.00
30/03/2024 06:40	1.6	110	11	2.4	0.00
30/03/2024 06:50	1.8	91	11	2.6	0.00
30/03/2024 07:00	2.7	93	10	3.5	0.00
30/03/2024 07:10	3.0	96	10	3.9	0.00
30/03/2024 07:20	3.5	101	10	5.2	0.00
30/03/2024 07:30	3.9	107	10	5.1	0.00
30/03/2024 07:40	4.2	106	13	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 07:50	4.1	104	13	5.9	0.00
30/03/2024 08:00	5.0	110	13	7.3	0.00
30/03/2024 08:10	5.3	109	10	7.1	0.00
30/03/2024 08:20	4.5	104	10	5.9	0.00
30/03/2024 08:30	4.4	107	13	5.9	0.00
30/03/2024 08:40	4.4	106	11	6.2	0.00
30/03/2024 08:50	4.4	102	12	6.0	0.00
30/03/2024 09:00	4.8	99	14	7.7	0.00
30/03/2024 09:10	6.3	91	11	9.2	0.00
30/03/2024 09:20	6.7	94	12	9.8	0.00
30/03/2024 09:30	7.0	97	12	9.6	0.00
30/03/2024 09:40	6.7	98	10	9.8	0.00
30/03/2024 09:50	6.2	95	13	8.9	0.00
30/03/2024 10:00	6.4	95	12	9.1	0.00
30/03/2024 10:10	6.0	99	12	8.7	0.00
30/03/2024 10:20	6.3	92	11	8.6	0.00
30/03/2024 10:30	6.1	91	12	8.0	0.00
30/03/2024 10:40	5.5	94	13	7.9	0.00
30/03/2024 10:50	6.0	93	13	8.1	0.00
30/03/2024 11:00	5.6	95	14	7.6	0.00
30/03/2024 11:10	5.5	86	12	7.5	0.00
30/03/2024 11:20	5.5	92	13	8.0	0.00
30/03/2024 11:30	5.5	85	12	7.3	0.00
30/03/2024 11:40	5.1	84	11	7.0	0.00
30/03/2024 11:50	4.8	84	11	6.8	0.00
30/03/2024 12:00	5.2	83	13	6.6	0.00
30/03/2024 12:10	5.1	81	12	6.8	0.00
30/03/2024 12:20	5.3	82	13	7.2	0.00
30/03/2024 12:30	5.6	83	13	7.5	0.00
30/03/2024 12:40	5.2	80	13	6.5	0.00
30/03/2024 12:50	5.0	87	13	6.5	0.00
30/03/2024 13:00	4.8	82	14	6.8	0.00
30/03/2024 13:10	4.8	82	12	6.4	0.00
30/03/2024 13:20	4.9	82	14	6.4	0.00
30/03/2024 13:30	4.8	83	15	6.8	0.00
30/03/2024 13:40	4.9	83	11	6.8	0.00
30/03/2024 13:50	4.5	83	13	6.6	0.00
30/03/2024 14:00	4.8	81	12	6.4	0.00
30/03/2024 14:10	4.5	83	14	6.1	0.00
30/03/2024 14:20	4.4	82	14	6.1	0.00
30/03/2024 14:30	4.0	75	14	6.0	0.00
30/03/2024 14:40	4.0	72	15	5.6	0.00
30/03/2024 14:50	4.2	74	11	6.2	0.00
30/03/2024 15:00	4.1	60	12	5.3	0.00
30/03/2024 15:10	3.9	63	13	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 15:20	3.2	63	13	4.5	0.00
30/03/2024 15:30	3.2	74	16	4.6	0.00
30/03/2024 15:40	4.0	77	12	5.8	0.00
30/03/2024 15:50	4.3	81	12	5.6	0.00
30/03/2024 16:00	2.9	59	19	4.4	0.00
30/03/2024 16:10	2.8	64	14	4.0	0.00
30/03/2024 16:20	2.8	44	30	4.1	0.00
30/03/2024 16:30	2.6	27	26	4.0	0.00
30/03/2024 16:40	3.1	357	20	4.6	0.00
30/03/2024 16:50	2.8	356	19	4.2	0.00
30/03/2024 17:00	2.6	355	18	3.6	0.00
30/03/2024 17:10	1.7	352	16	2.9	0.00
30/03/2024 17:20	1.8	307	21	2.9	0.00
30/03/2024 17:30	2.9	297	14	4.3	0.00
30/03/2024 17:40	3.1	310	13	4.3	0.00
30/03/2024 17:50	3.1	299	11	4.7	0.00
30/03/2024 18:00	3.0	306	10	4.0	0.00
30/03/2024 18:10	2.3	308	13	3.2	0.00
30/03/2024 18:20	2.4	301	12	3.2	0.00
30/03/2024 18:30	1.7	293	20	2.5	0.00
30/03/2024 18:40	2.2	298	13	3.2	0.00
30/03/2024 18:50	2.1	305	17	2.9	0.00
30/03/2024 19:00	1.7	322	17	2.7	0.00
30/03/2024 19:10	1.9	307	16	2.9	0.00
30/03/2024 19:20	1.8	301	15	3.0	0.00
30/03/2024 19:30	1.7	325	19	2.8	0.00
30/03/2024 19:40	1.8	315	19	2.6	0.00
30/03/2024 19:50	2.0	281	26	3.3	0.00
30/03/2024 20:00	2.0	138	32	3.5	0.00
30/03/2024 20:10	1.1	326	21	2.2	0.00
30/03/2024 20:20	0.8	301	14	2.4	0.00
30/03/2024 20:30	1.0	316	16	2.6	0.00
30/03/2024 20:40	1.5	149	25	2.6	0.00
30/03/2024 20:50	0.8	329	17	2.0	0.00
30/03/2024 21:00	1.4	286	20	2.2	0.00
30/03/2024 21:10	0.9	273	22	2.0	0.00
30/03/2024 21:20	0.9	271	13	1.6	0.00
30/03/2024 21:30	1.0	283	11	1.6	0.00
30/03/2024 21:40	0.3	311	10	1.1	0.00
30/03/2024 21:50	0.1	315	1	0.8	0.00
30/03/2024 22:00	0.1	166	2	0.7	0.00
30/03/2024 22:10					0.00
30/03/2024 22:20					0.00
30/03/2024 22:30					0.00
30/03/2024 22:40	0.3	111	8	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 22:50	0.4	324	7	1.2	0.00
30/03/2024 23:00	0.1	72	11	0.8	0.00
30/03/2024 23:10	0.4	346	7	1.2	0.00
30/03/2024 23:20					0.00
30/03/2024 23:30					0.00
30/03/2024 23:40					0.00
30/03/2024 23:50					0.00
31/03/2024 00:00					0.00
31/03/2024 00:10					0.00
31/03/2024 00:20	0.4	308	6	1.6	0.00
31/03/2024 00:30	0.8	164	21	1.5	0.00
31/03/2024 00:40	0.1	78	2	1.1	0.00
31/03/2024 00:50	0.2	300	12	0.8	0.00
31/03/2024 01:00					0.00
31/03/2024 01:10					0.00
31/03/2024 01:20					0.00
31/03/2024 01:30					0.00
31/03/2024 01:40					0.00
31/03/2024 01:50					0.00
31/03/2024 02:00					0.00
31/03/2024 02:10					0.00
31/03/2024 02:20					0.00
31/03/2024 02:30	0.7	263	5	1.6	0.00
31/03/2024 02:40	1.5	274	7	2.0	0.00
31/03/2024 02:50	1.7	269	8	2.2	0.00
31/03/2024 03:00	2.6	260	6	3.0	0.00
31/03/2024 03:10	1.9	250	8	2.6	0.00
31/03/2024 03:20	1.3	243	11	1.9	0.00
31/03/2024 03:30	2.3	256	9	2.8	0.00
31/03/2024 03:40	2.6	263	9	3.3	0.00
31/03/2024 03:50	2.9	265	8	3.7	0.00
31/03/2024 04:00	2.7	267	8	3.4	0.00
31/03/2024 04:10	2.7	265	8	3.4	0.00
31/03/2024 04:20	2.9	265	8	4.1	0.00
31/03/2024 04:30	2.8	264	8	3.5	0.00
31/03/2024 04:40	2.1	273	10	2.7	0.00
31/03/2024 04:50	1.7	273	16	2.4	0.00
31/03/2024 05:00	1.9	296	14	3.0	0.00
31/03/2024 05:10	1.8	290	15	2.6	0.00
31/03/2024 05:20	1.8	269	14	2.4	0.00
31/03/2024 05:30	1.6	269	11	2.1	0.00
31/03/2024 05:40	1.0	291	17	1.6	0.00
31/03/2024 05:50	1.3	292	12	1.8	0.00
31/03/2024 06:00	1.3	291	12	2.0	0.00
31/03/2024 06:10	1.2	281	12	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 06:20	1.5	274	14	2.0	0.00
31/03/2024 06:30	1.9	266	7	2.4	0.00
31/03/2024 06:40	2.1	260	7	2.5	0.00
31/03/2024 06:50	1.7	254	8	2.2	0.00
31/03/2024 07:00	1.0	215	18	1.6	0.00
31/03/2024 07:10	0.9	218	15	1.2	0.00
31/03/2024 07:20	0.4	209	19	0.9	0.00
31/03/2024 07:30	0.4	210	27	1.2	0.00
31/03/2024 07:40	1.4	219	24	2.3	0.00
31/03/2024 07:50	1.5	224	26	2.3	0.00
31/03/2024 08:00	1.6	222	25	2.4	0.00
31/03/2024 08:10	1.3	227	28	2.2	0.00
31/03/2024 08:20	1.4	208	61	2.6	0.00
31/03/2024 08:30	1.2	188	40	2.0	0.00
31/03/2024 08:40	1.3	134	43	2.1	0.00
31/03/2024 08:50	1.9	118	21	3.2	0.00
31/03/2024 09:00	2.3	116	18	3.3	0.00
31/03/2024 09:10	2.5	105	13	3.3	0.00
31/03/2024 09:20	2.7	100	15	4.0	0.00
31/03/2024 09:30	3.4	101	10	4.4	0.00
31/03/2024 09:40	4.3	109	11	6.0	0.00
31/03/2024 09:50	3.7	114	17	5.2	0.00
31/03/2024 10:00	3.9	103	11	5.4	0.00
31/03/2024 10:10	4.0	109	11	5.3	0.00
31/03/2024 10:20	4.0	108	15	5.3	0.00
31/03/2024 10:30	4.2	102	10	5.9	0.00
31/03/2024 10:40	4.3	88	13	6.1	0.00
31/03/2024 10:50	4.1	94	13	5.7	0.00
31/03/2024 11:00	4.0	82	13	5.8	0.00
31/03/2024 11:10	3.7	87	14	5.3	0.00
31/03/2024 11:20	3.8	82	11	5.2	0.00
31/03/2024 11:30	4.4	88	11	5.6	0.00
31/03/2024 11:40	4.5	83	13	6.2	0.00
31/03/2024 11:50	3.9	95	17	5.4	0.00
31/03/2024 12:00	4.4	85	12	6.3	0.00
31/03/2024 12:10	3.6	83	16	5.2	0.00
31/03/2024 12:20	4.2	71	15	7.4	0.00
31/03/2024 12:30	4.2	73	14	5.6	0.00
31/03/2024 12:40	4.2	85	14	5.6	0.00
31/03/2024 12:50	4.4	79	14	6.0	0.00
31/03/2024 13:00	4.1	80	14	5.8	0.00
31/03/2024 13:10	3.9	73	15	5.3	0.00
31/03/2024 13:20	4.1	75	14	5.6	0.00
31/03/2024 13:30	4.3	72	14	5.6	0.00
31/03/2024 13:40	4.2	76	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 13:50	4.5	80	12	5.9	0.00
31/03/2024 14:00	4.5	85	13	6.2	0.00
31/03/2024 14:10	4.1	74	17	5.4	0.00
31/03/2024 14:20	3.7	63	14	4.8	0.00
31/03/2024 14:30	4.1	84	15	5.6	0.00
31/03/2024 14:40	4.1	84	16	5.7	0.00
31/03/2024 14:50	3.9	74	14	5.5	0.00
31/03/2024 15:00	4.6	80	13	6.8	0.00
31/03/2024 15:10	4.2	76	13	6.0	0.00
31/03/2024 15:20	4.4	68	13	5.6	0.00
31/03/2024 15:30	4.2	62	13	5.5	0.00
31/03/2024 15:40	3.2	53	17	4.4	0.00
31/03/2024 15:50	3.3	345	24	5.6	0.00
31/03/2024 16:00	3.3	352	21	5.2	0.00
31/03/2024 16:10	3.4	356	17	5.0	0.00
31/03/2024 16:20	3.4	6	19	4.7	0.00
31/03/2024 16:30	3.5	358	16	5.1	0.00
31/03/2024 16:40	3.9	358	17	5.6	0.00
31/03/2024 16:50	3.8	355	17	5.2	0.00
31/03/2024 17:00	3.8	346	17	5.3	0.00
31/03/2024 17:10	3.7	350	13	5.2	0.00
31/03/2024 17:20	3.8	354	15	5.1	0.00
31/03/2024 17:30	3.6	7	17	5.0	0.00
31/03/2024 17:40	3.8	180	13	5.6	0.00
31/03/2024 17:50	3.9	350	14	5.7	0.00
31/03/2024 18:00	3.8	353	15	5.5	0.00
31/03/2024 18:10	4.0	349	13	5.5	0.00
31/03/2024 18:20	3.5	180	14	5.2	0.00
31/03/2024 18:30	3.5	357	20	5.2	0.00
31/03/2024 18:40	4.1	355	16	5.8	0.00
31/03/2024 18:50	4.4	349	16	6.0	0.00
31/03/2024 19:00	3.9	179	18	5.6	0.00
31/03/2024 19:10	3.6	2	16	5.2	0.00
31/03/2024 19:20	3.3	19	16	4.4	0.00
31/03/2024 19:30	2.9	181	18	4.6	0.00
31/03/2024 19:40	2.9	3	18	4.3	0.00
31/03/2024 19:50	2.8	0	18	4.0	0.00
31/03/2024 20:00	2.9	174	16	4.4	0.00
31/03/2024 20:10	3.0	350	20	5.4	0.00
31/03/2024 20:20	3.9	346	16	5.4	0.00
31/03/2024 20:30	3.6	346	20	5.2	0.00
31/03/2024 20:40	3.6	352	20	5.4	0.00
31/03/2024 20:50	3.7	348	22	5.3	0.00
31/03/2024 21:00	2.8	328	29	4.3	0.00
31/03/2024 21:10	1.5	315	27	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 21:20	1.5	314	26	3.0	0.00
31/03/2024 21:30	1.5	316	27	3.0	0.00
31/03/2024 21:40	1.9	317	17	3.1	0.00
31/03/2024 21:50	1.6	258	20	3.1	0.00
31/03/2024 22:00	2.7	262	11	3.9	0.00
31/03/2024 22:10	2.2	251	15	3.2	0.00
31/03/2024 22:20	1.4	258	17	2.4	0.00
31/03/2024 22:30	1.3	243	18	2.1	0.00
31/03/2024 22:40	2.8	256	12	3.8	0.00
31/03/2024 22:50	1.1	282	40	2.0	0.00
31/03/2024 23:00	2.7	236	14	4.4	0.00
31/03/2024 23:10	3.3	248	11	4.4	0.00
31/03/2024 23:20	2.7	234	13	3.9	0.00
31/03/2024 23:30	2.6	249	10	3.6	0.00
31/03/2024 23:40	2.9	245	12	4.0	0.00
31/03/2024 23:50	2.6	240	12	3.7	0.00
01/04/2024 00:00	2.4	238	12	3.4	0.00
01/04/2024 00:10	2.8	239	12	3.9	0.00
01/04/2024 00:20	2.3	249	11	3.3	0.00
01/04/2024 00:30	2.7	254	9	3.5	0.00
01/04/2024 00:40	2.4	258	8	3.6	0.00
01/04/2024 00:50	2.5	258	8	3.1	0.00
01/04/2024 01:00	2.3	252	9	2.9	0.00
01/04/2024 01:10	2.0	253	10	2.5	0.00
01/04/2024 01:20	1.3	269	18	1.9	0.00
01/04/2024 01:30	1.8	250	17	2.6	0.00
01/04/2024 01:40	1.6	254	17	2.8	0.00
01/04/2024 01:50	1.4	264	11	1.9	0.00
01/04/2024 02:00	2.1	246	9	2.8	0.00
01/04/2024 02:10	1.4	252	10	1.8	0.00
01/04/2024 02:20	1.7	250	17	2.4	0.00
01/04/2024 02:30	1.6	252	13	2.1	0.00
01/04/2024 02:40	2.0	251	10	2.7	0.00
01/04/2024 02:50	2.4	252	10	3.2	0.00
01/04/2024 03:00	1.8	253	9	2.4	0.00
01/04/2024 03:10	1.4	256	11	1.9	0.00
01/04/2024 03:20	1.3	264	10	1.7	0.00
01/04/2024 03:30	0.8	235	7	1.7	0.00
01/04/2024 03:40	1.2	255	13	1.6	0.00
01/04/2024 03:50	0.5	245	22	1.1	0.00
01/04/2024 04:00	0.1	100	6	0.8	0.00
01/04/2024 04:10					0.00
01/04/2024 04:20					0.00
01/04/2024 04:30	0.8	306	3	1.2	0.00
01/04/2024 04:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 04:50	0.6	300	3	1.2	0.00
01/04/2024 05:00	0.3	310	2	0.9	0.00
01/04/2024 05:10	1.0	304	3	1.2	0.00
01/04/2024 05:20	0.9	290	4	1.2	0.00
01/04/2024 05:30	1.5	284	4	2.1	0.00
01/04/2024 05:40	0.5	194	6	1.2	0.00
01/04/2024 05:50	0.2	132	11	0.9	0.00
01/04/2024 06:00	0.6	190	8	1.2	0.00
01/04/2024 06:10	1.3	289	6	1.8	0.00
01/04/2024 06:20	1.3	279	7	1.7	0.00
01/04/2024 06:30	0.3	189	25	1.0	0.00
01/04/2024 06:40					0.00
01/04/2024 06:50	0.9	288	7	1.2	0.00
01/04/2024 07:00	0.3	272	9	1.1	0.00
01/04/2024 07:10	0.4	77	7	1.0	0.00
01/04/2024 07:20	0.9	235	8	1.7	0.00
01/04/2024 07:30	1.5	177	33	2.1	0.00
01/04/2024 07:40	1.1	141	42	1.8	0.00
01/04/2024 07:50	1.9	143	29	2.9	0.00
01/04/2024 08:00	2.1	137	18	2.9	0.00
01/04/2024 08:10	2.1	136	21	2.8	0.00
01/04/2024 08:20	2.5	134	16	3.6	0.00
01/04/2024 08:30	2.8	134	15	4.0	0.00
01/04/2024 08:40	2.7	136	15	3.9	0.00
01/04/2024 08:50	2.5	133	16	3.6	0.00
01/04/2024 09:00	2.2	142	21	3.2	0.00
01/04/2024 09:10	2.2	138	18	3.2	0.00
01/04/2024 09:20	2.2	120	18	3.2	0.00
01/04/2024 09:30	2.4	131	17	3.2	0.00
01/04/2024 09:40	2.4	122	18	3.4	0.00
01/04/2024 09:50	2.6	131	18	4.0	0.00
01/04/2024 10:00	3.0	111	15	4.3	0.00
01/04/2024 10:10	3.4	105	14	5.1	0.00
01/04/2024 10:20	3.3	108	18	4.6	0.00
01/04/2024 10:30	3.5	105	20	4.8	0.00
01/04/2024 10:40	3.7	108	14	5.2	0.00
01/04/2024 10:50	4.4	103	13	5.9	0.00
01/04/2024 11:00	4.6	92	13	6.8	0.00
01/04/2024 11:10	4.5	91	14	6.7	0.00
01/04/2024 11:20	5.5	80	13	7.3	0.00
01/04/2024 11:30	5.5	81	13	7.3	0.00
01/04/2024 11:40	5.7	77	11	7.6	0.00
01/04/2024 11:50	5.8	85	12	7.4	0.00
01/04/2024 12:00	5.3	79	15	7.5	0.00
01/04/2024 12:10	5.5	78	13	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 12:20	5.6	79	13	7.7	0.00
01/04/2024 12:30	5.5	74	13	7.5	0.00
01/04/2024 12:40	5.2	70	14	7.1	0.00
01/04/2024 12:50	4.7	66	16	7.2	0.00
01/04/2024 13:00	4.5	73	16	6.2	0.00
01/04/2024 13:10	4.5	63	16	6.4	0.00
01/04/2024 13:20	4.1	65	13	6.0	0.00
01/04/2024 13:30	4.4	62	15	5.9	0.00
01/04/2024 13:40	3.9	64	15	5.9	0.00
01/04/2024 13:50	3.6	62	17	5.2	0.00
01/04/2024 14:00	3.0	66	23	4.8	0.00
01/04/2024 14:10	2.7	32	33	4.4	0.00
01/04/2024 14:20	3.3	15	25	4.6	0.00
01/04/2024 14:30	3.5	188	27	5.4	0.00
01/04/2024 14:40	3.3	178	27	5.2	0.00
01/04/2024 14:50	3.2	182	25	4.9	0.00
01/04/2024 15:00	3.5	183	19	5.5	0.00
01/04/2024 15:10	3.3	178	28	6.4	0.00
01/04/2024 15:20	4.6	317	16	6.8	0.00
01/04/2024 15:30	4.5	313	16	7.4	0.00
01/04/2024 15:40	4.4	318	16	6.5	0.00
01/04/2024 15:50	3.5	319	21	6.0	0.00
01/04/2024 16:00	3.3	322	18	4.9	0.00
01/04/2024 16:10	3.4	326	26	5.6	0.00
01/04/2024 16:20	3.9	310	17	6.4	0.00
01/04/2024 16:30	4.0	307	13	5.7	0.00
01/04/2024 16:40	3.9	305	14	5.7	0.00
01/04/2024 16:50	3.8	309	15	5.5	0.00
01/04/2024 17:00	4.4	300	13	6.2	0.00
01/04/2024 17:10	4.0	296	13	5.6	0.00
01/04/2024 17:20	4.5	290	13	6.1	0.00
01/04/2024 17:30	4.7	295	14	6.4	0.00
01/04/2024 17:40	4.2	294	16	6.0	0.00
01/04/2024 17:50	3.6	300	16	5.3	0.00
01/04/2024 18:00	4.3	291	13	6.0	0.00
01/04/2024 18:10	4.0	289	15	5.6	0.00
01/04/2024 18:20	3.9	288	14	5.3	0.00
01/04/2024 18:30	4.0	295	12	5.6	0.00
01/04/2024 18:40	3.4	287	15	5.0	0.00
01/04/2024 18:50	3.6	289	14	5.2	0.00
01/04/2024 19:00	3.6	292	12	5.0	0.00
01/04/2024 19:10	3.6	286	15	4.8	0.00
01/04/2024 19:20	3.6	270	14	4.4	0.00
01/04/2024 19:30	3.6	272	13	4.8	0.00
01/04/2024 19:40	3.2	267	13	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 19:50	4.2	265	10	5.2	0.00
01/04/2024 20:00	4.6	268	9	6.1	0.00
01/04/2024 20:10	4.1	269	10	5.6	0.00
01/04/2024 20:20	3.6	265	13	4.9	0.00
01/04/2024 20:30	3.5	268	11	4.6	0.00
01/04/2024 20:40	3.4	267	9	4.4	0.00
01/04/2024 20:50	3.7	266	10	4.9	0.00
01/04/2024 21:00	3.7	266	8	4.8	0.00
01/04/2024 21:10	3.6	267	7	4.2	0.00
01/04/2024 21:20	3.7	265	10	4.8	0.00
01/04/2024 21:30	3.9	266	10	5.2	0.00
01/04/2024 21:40	4.3	264	10	5.6	0.00
01/04/2024 21:50	4.6	269	9	6.2	0.00
01/04/2024 22:00	3.9	267	12	5.8	0.00
01/04/2024 22:10	4.5	266	10	6.2	0.00
01/04/2024 22:20	4.4	268	10	5.7	0.00
01/04/2024 22:30	4.2	268	8	5.5	0.00
01/04/2024 22:40	3.6	268	9	4.7	0.00
01/04/2024 22:50	3.6	271	9	4.8	0.00
01/04/2024 23:00	3.2	266	11	4.5	0.00
01/04/2024 23:10	2.8	265	11	3.8	0.00
01/04/2024 23:20	2.6	263	10	3.6	0.00
01/04/2024 23:30	3.0	261	11	4.3	0.00
01/04/2024 23:40	3.1	263	10	4.3	0.00
01/04/2024 23:50	3.5	265	9	4.5	0.00
02/04/2024 00:00	3.7	260	10	5.0	0.00
02/04/2024 00:10	3.4	259	11	4.4	0.00
02/04/2024 00:20	3.0	260	11	3.9	0.00
02/04/2024 00:30	3.4	261	11	5.0	0.00
02/04/2024 00:40	3.5	264	11	4.8	0.00
02/04/2024 00:50	3.3	265	9	4.5	0.00
02/04/2024 01:00	2.8	269	10	3.9	0.00
02/04/2024 01:10	3.2	266	10	4.6	0.00
02/04/2024 01:20	4.2	268	9	5.7	0.00
02/04/2024 01:30	4.4	268	10	5.4	0.00
02/04/2024 01:40	3.9	267	11	5.0	0.00
02/04/2024 01:50	3.5	265	10	4.7	0.00
02/04/2024 02:00	3.2	262	11	4.4	0.00
02/04/2024 02:10	3.1	260	10	4.3	0.00
02/04/2024 02:20	3.3	258	10	4.0	0.00
02/04/2024 02:30	3.6	251	11	5.3	0.00
02/04/2024 02:40	3.5	253	12	4.9	0.00
02/04/2024 02:50	3.5	252	11	4.8	0.00
02/04/2024 03:00	3.3	251	11	4.3	0.00
02/04/2024 03:10	2.8	251	11	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 03:20	2.4	243	13	3.8	0.00
02/04/2024 03:30	1.9	237	18	2.5	0.00
02/04/2024 03:40	2.3	241	13	3.3	0.00
02/04/2024 03:50	2.1	246	14	3.3	0.00
02/04/2024 04:00	2.9	246	12	4.1	0.00
02/04/2024 04:10	2.8	241	10	4.0	0.00
02/04/2024 04:20	2.7	233	14	3.9	0.00
02/04/2024 04:30	2.0	231	39	3.5	0.00
02/04/2024 04:40	2.4	232	16	3.5	0.00
02/04/2024 04:50	2.3	224	13	3.0	0.00
02/04/2024 05:00	2.4	226	15	3.2	0.00
02/04/2024 05:10	2.7	228	12	3.6	0.00
02/04/2024 05:20	2.7	233	13	3.6	0.00
02/04/2024 05:30	2.2	240	12	3.0	0.00
02/04/2024 05:40	1.6	238	22	2.4	0.00
02/04/2024 05:50	1.0	191	43	2.1	0.00
02/04/2024 06:00	0.4	291	15	1.2	0.00
02/04/2024 06:10	0.4	156	25	1.2	0.00
02/04/2024 06:20	0.8	140	45	2.0	0.00
02/04/2024 06:30	2.3	140	18	3.5	0.00
02/04/2024 06:40	2.4	136	15	3.4	0.00
02/04/2024 06:50	2.7	123	12	3.9	0.00
02/04/2024 07:00	3.6	112	12	5.3	0.00
02/04/2024 07:10	4.3	106	13	6.0	0.00
02/04/2024 07:20	4.6	108	10	6.5	0.00
02/04/2024 07:30	4.0	108	11	5.6	0.00
02/04/2024 07:40	4.9	106	11	6.9	0.00
02/04/2024 07:50	5.2	111	11	6.8	0.00
02/04/2024 08:00	5.3	105	11	7.2	0.00
02/04/2024 08:10	5.3	105	10	7.2	0.00
02/04/2024 08:20	5.6	105	10	7.8	0.00
02/04/2024 08:30	5.4	102	10	7.7	0.00
02/04/2024 08:40	5.3	106	12	7.6	0.00
02/04/2024 08:50	5.2	112	11	7.3	0.00
02/04/2024 09:00	5.6	111	13	8.0	0.00
02/04/2024 09:10	5.8	108	12	8.3	0.00
02/04/2024 09:20	6.0	106	12	8.2	0.00
02/04/2024 09:30	6.0	109	12	7.6	0.00
02/04/2024 09:40	5.8	109	13	7.6	0.00
02/04/2024 09:50	5.9	108	10	8.2	0.00
02/04/2024 10:00	5.8	111	12	7.5	0.00
02/04/2024 10:10	5.9	114	13	8.3	0.00
02/04/2024 10:20	6.1	110	10	8.1	0.00
02/04/2024 10:30	6.4	104	11	8.4	0.00
02/04/2024 10:40	5.7	110	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 10:50	5.5	108	15	7.5	0.00
02/04/2024 11:00	5.8	106	12	7.5	0.00
02/04/2024 11:10	5.7	102	13	7.7	0.00
02/04/2024 11:20	5.4	101	14	8.1	0.00
02/04/2024 11:30	5.3	98	14	7.0	0.00
02/04/2024 11:40	5.7	100	13	7.9	0.00
02/04/2024 11:50	5.6	92	14	7.6	0.00
02/04/2024 12:00	5.9	87	12	7.7	0.00
02/04/2024 12:10	5.4	83	11	7.5	0.00
02/04/2024 12:20	5.5	81	10	7.6	0.20
02/04/2024 12:30	5.4	87	15	7.3	0.00
02/04/2024 12:40	5.6	84	10	7.2	0.00
02/04/2024 12:50	5.2	84	14	7.2	0.00
02/04/2024 13:00	5.0	82	12	7.5	0.00
02/04/2024 13:10	4.6	82	12	6.4	0.00
02/04/2024 13:20	5.6	79	14	7.8	0.00
02/04/2024 13:30	5.9	80	12	7.9	0.00
02/04/2024 13:40	5.7	81	12	8.1	0.00
02/04/2024 13:50	5.6	80	12	7.8	0.00
02/04/2024 14:00	5.6	81	12	7.3	0.00
02/04/2024 14:10	5.7	79	12	7.4	0.00
02/04/2024 14:20	5.5	81	11	7.5	0.00
02/04/2024 14:30	5.0	76	13	7.1	0.00
02/04/2024 14:40	5.3	86	14	7.3	0.00
02/04/2024 14:50	4.8	79	14	6.9	0.00
02/04/2024 15:00	5.1	82	12	6.8	0.00
02/04/2024 15:10	4.8	82	13	6.6	0.00
02/04/2024 15:20	4.6	83	13	6.7	0.00
02/04/2024 15:30	5.1	75	13	7.0	0.00
02/04/2024 15:40	4.8	75	15	6.6	0.00
02/04/2024 15:50	4.6	79	10	6.7	0.00
02/04/2024 16:00	4.9	75	12	7.1	0.00
02/04/2024 16:10	4.2	72	13	6.0	0.00
02/04/2024 16:20	4.7	69	13	6.8	0.00
02/04/2024 16:30	4.3	62	12	6.1	0.00
02/04/2024 16:40	4.6	58	13	6.0	0.00
02/04/2024 16:50	4.5	63	10	5.9	0.00
02/04/2024 17:00	4.6	62	12	5.9	0.00
02/04/2024 17:10	4.5	65	12	6.6	0.00
02/04/2024 17:20	4.8	67	12	6.5	0.00
02/04/2024 17:30	4.0	53	13	6.1	0.00
02/04/2024 17:40	3.2	40	15	4.8	0.00
02/04/2024 17:50	3.8	42	11	4.8	0.00
02/04/2024 18:00	3.8	35	16	5.3	0.00
02/04/2024 18:10	2.9	4	17	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 18:20	3.5	347	16	5.1	0.00
02/04/2024 18:30	2.3	191	18	3.5	0.00
02/04/2024 18:40	2.3	12	24	3.7	0.00
02/04/2024 18:50	1.2	51	24	2.4	0.00
02/04/2024 19:00	0.3	62	8	1.2	0.00
02/04/2024 19:10	1.1	19	18	1.9	0.00
02/04/2024 19:20	1.1	36	17	2.1	0.00
02/04/2024 19:30	1.1	48	13	2.0	0.00
02/04/2024 19:40	1.3	61	9	1.9	0.00
02/04/2024 19:50	1.3	66	11	1.9	0.00
02/04/2024 20:00	2.6	51	11	3.5	0.00
02/04/2024 20:10	2.2	64	12	3.3	0.00
02/04/2024 20:20	2.6	45	10	3.2	0.00
02/04/2024 20:30	2.1	61	13	2.8	0.00
02/04/2024 20:40	1.3	104	18	2.0	0.00
02/04/2024 20:50	1.0	75	15	2.0	0.00
02/04/2024 21:00	1.9	51	13	2.8	0.00
02/04/2024 21:10	1.0	69	20	2.0	0.00
02/04/2024 21:20	0.8	141	24	1.7	0.00
02/04/2024 21:30	0.8	175	37	1.6	0.00
02/04/2024 21:40	2.5	241	9	3.6	0.00
02/04/2024 21:50	4.2	246	12	5.5	0.00
02/04/2024 22:00	2.8	236	13	4.0	0.00
02/04/2024 22:10	1.5	245	17	2.8	0.00
02/04/2024 22:20	2.7	239	13	3.8	0.00
02/04/2024 22:30	2.2	233	13	2.9	0.00
02/04/2024 22:40	2.0	232	15	2.8	0.00
02/04/2024 22:50	1.6	225	16	2.5	0.00
02/04/2024 23:00	0.0	237	4	0.5	0.00
02/04/2024 23:10	1.3	234	13	2.0	0.00
02/04/2024 23:20	2.1	233	11	2.8	0.00
02/04/2024 23:30	1.6	242	15	2.2	0.00
02/04/2024 23:40	1.4	257	11	2.0	0.00
02/04/2024 23:50	1.8	257	9	2.6	0.00
03/04/2024 00:00	1.9	247	16	2.9	0.00
03/04/2024 00:10	1.5	245	16	2.6	0.00
03/04/2024 00:20	0.5	237	34	1.8	0.00
03/04/2024 00:30	0.8	265	10	1.5	0.00
03/04/2024 00:40	0.8	246	25	1.7	0.00
03/04/2024 00:50	1.1	238	21	1.7	0.00
03/04/2024 01:00	0.8	161	13	1.7	0.00
03/04/2024 01:10	0.7	220	34	1.9	0.00
03/04/2024 01:20	0.6	204	44	1.9	0.00
03/04/2024 01:30	0.9	27	12	1.4	0.00
03/04/2024 01:40	0.4	124	18	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 01:50	0.5	121	45	1.5	0.00
03/04/2024 02:00	0.4	292	14	1.2	0.00
03/04/2024 02:10	0.0	233	0	0.4	0.00
03/04/2024 02:20	0.1	246	5	1.2	0.00
03/04/2024 02:30	0.3	235	14	1.1	0.00
03/04/2024 02:40	0.2	269	8	1.0	0.00
03/04/2024 02:50	0.2	29	29	1.0	0.00
03/04/2024 03:00					0.00
03/04/2024 03:10					0.00
03/04/2024 03:20	0.1	88	5	0.7	0.00
03/04/2024 03:30	0.5	102	14	1.2	0.00
03/04/2024 03:40	1.9	97	10	3.2	0.00
03/04/2024 03:50	2.2	95	11	3.2	0.00
03/04/2024 04:00	2.0	95	11	2.9	0.00
03/04/2024 04:10	2.1	99	10	2.8	0.00
03/04/2024 04:20	2.3	98	12	3.6	0.00
03/04/2024 04:30	2.2	98	10	2.9	0.00
03/04/2024 04:40	2.0	91	9	2.7	0.00
03/04/2024 04:50	2.6	85	9	3.4	0.00
03/04/2024 05:00	2.6	91	10	3.5	0.00
03/04/2024 05:10	2.8	88	10	4.0	0.00
03/04/2024 05:20	2.8	95	11	4.0	0.00
03/04/2024 05:30	3.4	107	10	4.8	0.00
03/04/2024 05:40	4.5	107	10	7.1	0.00
03/04/2024 05:50	5.9	106	10	8.1	0.00
03/04/2024 06:00	5.4	105	12	8.0	0.00
03/04/2024 06:10	4.9	104	12	6.9	0.00
03/04/2024 06:20	4.7	103	13	6.7	0.00
03/04/2024 06:30	5.0	105	11	8.1	0.00
03/04/2024 06:40	5.3	107	12	7.9	0.00
03/04/2024 06:50	4.9	106	12	6.4	0.00
03/04/2024 07:00	4.2	112	12	6.1	0.00
03/04/2024 07:10	4.4	119	13	6.3	0.00
03/04/2024 07:20	4.8	120	15	6.8	0.00
03/04/2024 07:30	4.3	118	15	6.8	0.00
03/04/2024 07:40	5.2	112	13	7.2	0.00
03/04/2024 07:50	6.0	126	12	8.9	0.00
03/04/2024 08:00	5.8	122	10	8.0	0.00
03/04/2024 08:10	6.0	125	14	9.1	0.00
03/04/2024 08:20	6.0	126	14	9.0	0.00
03/04/2024 08:30	6.6	120	14	9.5	0.00
03/04/2024 08:40	5.7	117	13	8.2	0.00
03/04/2024 08:50	6.0	115	16	8.8	0.00
03/04/2024 09:00	6.8	107	12	9.8	0.00
03/04/2024 09:10	7.4	109	13	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 09:20	7.3	108	13	10.4	0.00
03/04/2024 09:30	7.8	109	13	10.9	0.00
03/04/2024 09:40	7.8	106	10	10.6	0.00
03/04/2024 09:50	7.0	109	11	9.3	0.00
03/04/2024 10:00	6.3	106	12	9.9	0.00
03/04/2024 10:10	6.8	105	12	9.7	0.00
03/04/2024 10:20	6.8	104	12	9.4	0.00
03/04/2024 10:30	7.0	102	10	10.0	0.00
03/04/2024 10:40	6.9	99	13	10.1	0.00
03/04/2024 10:50	6.8	96	13	9.9	0.00
03/04/2024 11:00	7.0	89	10	9.4	0.00
03/04/2024 11:10	7.1	93	12	9.6	0.00
03/04/2024 11:20	6.9	95	13	9.5	0.00
03/04/2024 11:30	7.6	95	12	9.8	0.00
03/04/2024 11:40	7.4	90	12	10.3	0.00
03/04/2024 11:50	8.0	90	11	10.6	0.00
03/04/2024 12:00	8.6	90	10	11.1	0.00
03/04/2024 12:10	7.5	94	12	10.6	0.00
03/04/2024 12:20	8.5	93	11	11.7	0.00
03/04/2024 12:30	7.7	91	11	10.5	0.00
03/04/2024 12:40	8.0	87	11	10.7	0.00
03/04/2024 12:50	7.7	87	11	10.9	0.00
03/04/2024 13:00	7.4	90	12	9.9	0.00
03/04/2024 13:10	7.4	91	12	10.3	0.00
03/04/2024 13:20	7.4	95	14	10.3	0.00
03/04/2024 13:30	6.8	87	15	9.4	0.00
03/04/2024 13:40	6.6	84	12	10.3	0.00
03/04/2024 13:50	7.0	85	11	10.6	0.00
03/04/2024 14:00	7.2	82	12	9.9	0.00
03/04/2024 14:10	6.8	86	11	9.5	0.00
03/04/2024 14:20	6.9	82	11	9.2	0.00
03/04/2024 14:30	6.3	83	12	8.9	0.00
03/04/2024 14:40	6.6	78	12	9.6	0.00
03/04/2024 14:50	6.5	72	13	8.3	0.00
03/04/2024 15:00	6.4	62	14	8.7	0.00
03/04/2024 15:10	6.3	66	10	8.3	0.00
03/04/2024 15:20	6.1	67	12	8.5	0.00
03/04/2024 15:30	6.2	63	11	8.4	0.00
03/04/2024 15:40	6.1	66	12	7.9	0.00
03/04/2024 15:50	5.9	65	11	8.1	0.00
03/04/2024 16:00	5.8	64	12	8.1	0.00
03/04/2024 16:10	5.5	58	12	7.2	0.00
03/04/2024 16:20	5.6	55	12	7.4	0.00
03/04/2024 16:30	5.7	57	11	7.6	0.00
03/04/2024 16:40	5.4	57	11	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 16:50	5.5	59	10	7.4	0.00
03/04/2024 17:00	5.2	62	12	6.8	0.00
03/04/2024 17:10	5.1	65	12	6.8	0.00
03/04/2024 17:20	4.8	63	11	6.5	0.00
03/04/2024 17:30	4.7	55	15	6.3	0.00
03/04/2024 17:40	3.8	58	13	5.3	0.00
03/04/2024 17:50	4.2	56	12	6.3	0.00
03/04/2024 18:00	3.9	52	12	5.4	0.00
03/04/2024 18:10	3.6	47	15	5.0	0.00
03/04/2024 18:20	3.8	43	12	5.3	0.00
03/04/2024 18:30	3.5	41	12	4.6	0.00
03/04/2024 18:40	3.6	42	12	5.0	0.00
03/04/2024 18:50	3.6	42	11	4.7	0.00
03/04/2024 19:00	3.0	44	14	4.2	0.00
03/04/2024 19:10	3.2	48	11	4.3	0.00
03/04/2024 19:20	2.8	48	13	3.8	0.00
03/04/2024 19:30	2.4	54	12	3.2	0.00
03/04/2024 19:40	2.4	52	12	3.2	0.00
03/04/2024 19:50	2.7	50	11	3.6	0.00
03/04/2024 20:00	2.2	67	11	3.0	0.00
03/04/2024 20:10	1.6	75	9	2.1	0.00
03/04/2024 20:20	1.3	65	9	1.7	0.00
03/04/2024 20:30	1.3	58	7	1.6	0.00
03/04/2024 20:40	1.1	58	5	1.6	0.00
03/04/2024 20:50	0.1	63	3	0.7	0.00
03/04/2024 21:00	2.0	49	6	2.8	0.00
03/04/2024 21:10	3.1	39	14	4.5	0.00
03/04/2024 21:20	3.1	49	11	4.4	0.00
03/04/2024 21:30	4.1	48	12	5.9	0.00
03/04/2024 21:40	3.5	51	11	5.5	0.00
03/04/2024 21:50	3.7	47	12	5.1	0.00
03/04/2024 22:00	3.0	49	13	4.0	0.00
03/04/2024 22:10	1.4	82	17	2.2	0.00
03/04/2024 22:20	1.1	69	10	2.1	0.00
03/04/2024 22:30	0.2	188	15	1.1	0.00
03/04/2024 22:40	0.5	230	8	1.5	0.00
03/04/2024 22:50	0.5	236	13	1.2	0.00
03/04/2024 23:00	0.5	232	4	1.6	0.00
03/04/2024 23:10	0.1	149	11	0.8	0.00
03/04/2024 23:20	0.7	80	10	1.7	0.00
03/04/2024 23:30	2.4	60	10	3.6	0.00
03/04/2024 23:40	3.7	68	11	4.8	0.00
03/04/2024 23:50	3.9	67	9	5.2	0.00
04/04/2024 00:00	4.3	64	10	6.0	0.00
04/04/2024 00:10	3.7	67	9	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 00:20	2.4	92	16	3.6	0.00
04/04/2024 00:30	1.6	109	9	2.4	0.00
04/04/2024 00:40	0.5	124	12	1.4	0.00
04/04/2024 00:50	0.3	154	19	1.4	0.00
04/04/2024 01:00	0.7	200	13	1.5	0.00
04/04/2024 01:10	1.1	224	19	1.9	0.00
04/04/2024 01:20	1.4	222	30	2.2	0.00
04/04/2024 01:30	0.9	189	44	2.0	0.00
04/04/2024 01:40	2.3	117	14	3.6	0.00
04/04/2024 01:50	2.8	121	11	4.2	0.00
04/04/2024 02:00	2.4	118	12	3.5	0.00
04/04/2024 02:10	2.6	121	12	4.0	0.00
04/04/2024 02:20	2.3	124	13	3.9	0.00
04/04/2024 02:30	2.2	123	10	3.2	0.00
04/04/2024 02:40	2.3	126	13	3.4	0.00
04/04/2024 02:50	2.3	117	12	3.6	0.00
04/04/2024 03:00	2.6	113	12	3.5	0.00
04/04/2024 03:10	2.2	111	11	3.3	0.00
04/04/2024 03:20	2.8	104	12	3.8	0.00
04/04/2024 03:30	3.3	103	11	5.2	0.00
04/04/2024 03:40	3.5	102	13	5.4	0.00
04/04/2024 03:50	3.4	108	12	5.2	0.00
04/04/2024 04:00	2.6	116	13	4.0	0.00
04/04/2024 04:10	2.8	113	12	4.5	0.00
04/04/2024 04:20	3.2	114	13	4.7	0.00
04/04/2024 04:30	3.3	115	12	4.9	0.00
04/04/2024 04:40	3.3	117	13	4.8	0.00
04/04/2024 04:50	3.3	109	12	4.5	0.00
04/04/2024 05:00	3.1	108	11	5.1	0.00
04/04/2024 05:10	4.2	110	13	6.4	0.00
04/04/2024 05:20	4.9	114	12	7.9	0.00
04/04/2024 05:30	5.0	106	14	7.4	0.00
04/04/2024 05:40	5.6	106	11	7.3	0.00
04/04/2024 05:50	5.0	106	12	7.7	0.00
04/04/2024 06:00	5.0	105	11	7.7	0.00
04/04/2024 06:10	5.1	103	11	7.2	0.00
04/04/2024 06:20	4.8	102	13	6.6	0.00
04/04/2024 06:30	4.9	103	13	7.2	0.00
04/04/2024 06:40	4.8	101	11	7.0	0.00
04/04/2024 06:50	4.9	103	12	7.7	0.00
04/04/2024 07:00	5.2	101	13	7.9	0.00
04/04/2024 07:10	5.8	103	14	8.3	0.00
04/04/2024 07:20	6.4	101	11	9.1	0.00
04/04/2024 07:30	6.7	102	13	9.2	0.00
04/04/2024 07:40	6.9	107	11	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 07:50	6.2	105	12	9.9	0.00
04/04/2024 08:00	6.3	103	16	9.1	0.00
04/04/2024 08:10	6.9	102	15	9.5	0.00
04/04/2024 08:20	7.3	111	11	10.9	0.00
04/04/2024 08:30	6.1	105	12	10.2	0.00
04/04/2024 08:40	6.6	98	12	9.5	0.00
04/04/2024 08:50	6.1	104	11	8.3	0.00
04/04/2024 09:00	6.8	107	11	9.3	0.00
04/04/2024 09:10	6.5	109	10	9.1	0.00
04/04/2024 09:20	6.9	104	14	9.2	0.00
04/04/2024 09:30	6.6	99	14	9.3	0.00
04/04/2024 09:40	6.8	107	12	9.3	0.00
04/04/2024 09:50	6.5	104	13	8.7	0.00
04/04/2024 10:00	6.8	89	11	9.9	0.00
04/04/2024 10:10	6.5	94	11	9.1	0.00
04/04/2024 10:20	5.9	93	13	8.6	0.00
04/04/2024 10:30	6.2	95	14	8.8	0.00
04/04/2024 10:40	5.9	99	14	8.0	0.00
04/04/2024 10:50	5.6	102	15	8.2	0.00
04/04/2024 11:00	6.2	88	13	8.8	0.00
04/04/2024 11:10	6.9	89	12	9.5	0.00
04/04/2024 11:20	6.3	87	11	8.7	0.00
04/04/2024 11:30	7.2	90	12	9.9	0.00
04/04/2024 11:40	6.3	92	14	8.8	0.00
04/04/2024 11:50	6.5	84	12	9.1	0.00
04/04/2024 12:00	6.5	83	12	9.1	0.00
04/04/2024 12:10	6.6	86	12	9.1	0.00
04/04/2024 12:20	6.1	84	12	8.3	0.00
04/04/2024 12:30	6.2	84	11	8.2	0.00
04/04/2024 12:40	6.1	90	13	8.7	0.00
04/04/2024 12:50	6.2	92	12	8.6	0.00
04/04/2024 13:00	6.1	88	14	8.5	0.00
04/04/2024 13:10	6.0	79	12	8.3	0.00
04/04/2024 13:20	6.3	76	13	8.7	0.00
04/04/2024 13:30	6.1	75	12	8.0	0.00
04/04/2024 13:40	6.1	75	11	8.7	0.00
04/04/2024 13:50	6.9	76	12	9.7	0.00
04/04/2024 14:00	7.1	80	14	9.5	0.00
04/04/2024 14:10	6.8	81	12	9.6	0.00
04/04/2024 14:20	7.1	80	10	10.4	0.00
04/04/2024 14:30	6.7	70	13	9.2	0.00
04/04/2024 14:40	6.9	62	12	8.7	0.00
04/04/2024 14:50	7.2	69	11	10.1	0.00
04/04/2024 15:00	7.0	62	13	9.8	0.00
04/04/2024 15:10	6.8	66	10	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 15:20	6.8	68	14	9.0	0.00
04/04/2024 15:30	6.8	58	14	9.1	0.00
04/04/2024 15:40	6.9	58	12	9.1	0.00
04/04/2024 15:50	6.0	61	16	8.4	0.00
04/04/2024 16:00	7.0	62	15	9.9	0.00
04/04/2024 16:10	6.8	64	12	9.2	0.00
04/04/2024 16:20	7.0	62	12	9.7	0.00
04/04/2024 16:30	7.1	64	12	9.7	0.00
04/04/2024 16:40	7.0	57	12	9.5	0.00
04/04/2024 16:50	7.2	61	12	9.5	0.00
04/04/2024 17:00	6.6	61	13	9.2	0.00
04/04/2024 17:10	6.6	64	10	9.1	0.00
04/04/2024 17:20	5.9	65	10	7.9	0.00
04/04/2024 17:30	6.0	59	11	8.2	0.00
04/04/2024 17:40	5.9	58	11	8.6	0.00
04/04/2024 17:50	5.9	62	12	7.9	0.00
04/04/2024 18:00	5.2	59	13	7.1	0.00
04/04/2024 18:10	4.9	51	13	6.7	0.00
04/04/2024 18:20	4.7	47	12	6.8	0.00
04/04/2024 18:30	5.3	46	11	6.9	0.00
04/04/2024 18:40	5.1	47	13	6.9	0.00
04/04/2024 18:50	4.8	44	14	6.5	0.00
04/04/2024 19:00	4.0	48	13	5.8	0.00
04/04/2024 19:10	4.6	45	13	6.0	0.00
04/04/2024 19:20	4.8	48	12	6.5	0.00
04/04/2024 19:30	4.6	49	11	6.6	0.00
04/04/2024 19:40	4.1	49	10	5.6	0.00
04/04/2024 19:50	4.0	47	11	5.2	0.00
04/04/2024 20:00	4.3	51	11	6.1	0.00
04/04/2024 20:10	4.4	46	13	6.4	0.00
04/04/2024 20:20	4.9	49	12	6.6	0.00
04/04/2024 20:30	4.3	48	12	6.0	0.00
04/04/2024 20:40	4.6	47	13	6.4	0.00
04/04/2024 20:50	4.6	46	10	6.2	0.00
04/04/2024 21:00	4.4	44	10	6.3	0.00
04/04/2024 21:10	5.0	43	11	6.9	0.00
04/04/2024 21:20	4.2	50	11	6.1	0.00
04/04/2024 21:30	4.2	44	13	5.6	0.00
04/04/2024 21:40	4.2	45	13	5.8	0.00
04/04/2024 21:50	3.9	48	12	5.4	0.00
04/04/2024 22:00	3.9	43	12	5.5	0.00
04/04/2024 22:10	3.9	49	12	5.3	0.00
04/04/2024 22:20	4.1	47	12	5.3	0.00
04/04/2024 22:30	3.7	45	11	5.1	0.00
04/04/2024 22:40	3.8	48	10	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 22:50	3.5	51	11	4.7	0.00
04/04/2024 23:00	2.6	53	14	4.4	0.00
04/04/2024 23:10	1.0	143	14	2.6	0.00
04/04/2024 23:20	2.2	228	13	3.0	0.00
04/04/2024 23:30	1.9	231	17	2.9	0.00
04/04/2024 23:40	0.4	147	22	1.6	0.00
04/04/2024 23:50					0.00
05/04/2024 00:00	0.6	235	16	1.3	0.00
05/04/2024 00:10	1.0	249	13	1.6	0.00
05/04/2024 00:20	2.3	227	13	3.2	0.00
05/04/2024 00:30	1.1	182	25	2.3	0.00
05/04/2024 00:40	0.3	181	27	0.9	0.00
05/04/2024 00:50	0.3	207	36	1.1	0.00
05/04/2024 01:00	0.6	140	15	1.4	0.00
05/04/2024 01:10	0.4	145	17	1.4	0.00
05/04/2024 01:20	0.8	150	30	2.3	0.00
05/04/2024 01:30	0.4	142	20	1.6	0.00
05/04/2024 01:40	0.6	132	22	1.4	0.00
05/04/2024 01:50	2.0	132	15	3.1	0.00
05/04/2024 02:00	2.0	135	17	3.2	0.00
05/04/2024 02:10	1.6	129	20	2.3	0.00
05/04/2024 02:20	1.1	103	8	2.0	0.00
05/04/2024 02:30	1.7	108	11	2.5	0.00
05/04/2024 02:40	1.4	119	11	2.0	0.00
05/04/2024 02:50	1.9	111	14	3.3	0.00
05/04/2024 03:00	1.4	111	12	2.1	0.00
05/04/2024 03:10	1.5	118	11	2.1	0.00
05/04/2024 03:20	1.5	112	10	2.3	0.00
05/04/2024 03:30	1.4	102	11	2.0	0.00
05/04/2024 03:40	1.4	113	15	2.6	0.00
05/04/2024 03:50	1.5	115	11	2.4	0.00
05/04/2024 04:00	1.9	117	12	3.0	0.00
05/04/2024 04:10	1.6	103	11	2.7	0.00
05/04/2024 04:20	1.9	89	14	2.7	0.00
05/04/2024 04:30	2.4	84	9	3.3	0.00
05/04/2024 04:40	2.7	97	10	4.2	0.00
05/04/2024 04:50	2.0	92	11	3.1	0.00
05/04/2024 05:00	2.2	89	14	3.2	0.00
05/04/2024 05:10	2.5	76	8	3.5	0.00
05/04/2024 05:20	2.8	81	9	4.2	0.00
05/04/2024 05:30	2.9	84	9	4.4	0.00
05/04/2024 05:40	3.0	82	11	4.1	0.00
05/04/2024 05:50	3.3	83	11	4.6	0.00
05/04/2024 06:00	3.0	87	11	4.6	0.00
05/04/2024 06:10	2.5	87	11	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 06:20	1.9	85	9	2.4	0.00
05/04/2024 06:30	1.7	92	9	2.4	0.00
05/04/2024 06:40	2.1	112	11	2.9	0.00
05/04/2024 06:50	2.0	124	13	3.1	0.00
05/04/2024 07:00	2.6	126	14	4.3	0.00
05/04/2024 07:10	1.9	146	22	3.4	0.00
05/04/2024 07:20	2.3	134	16	3.4	0.00
05/04/2024 07:30	2.2	134	15	3.6	0.00
05/04/2024 07:40	2.8	131	14	4.4	0.00
05/04/2024 07:50	2.6	138	15	3.6	0.00
05/04/2024 08:00	2.6	140	20	3.6	0.00
05/04/2024 08:10	3.7	124	16	5.6	0.00
05/04/2024 08:20	4.1	122	13	5.6	0.00
05/04/2024 08:30	5.0	122	12	7.1	0.00
05/04/2024 08:40	4.9	120	12	7.1	0.00
05/04/2024 08:50	4.4	128	14	6.3	0.00
05/04/2024 09:00	4.7	121	15	6.6	0.00
05/04/2024 09:10	5.8	112	13	7.4	0.00
05/04/2024 09:20	4.7	110	15	6.4	0.00
05/04/2024 09:30	5.5	104	14	7.4	0.00
05/04/2024 09:40	5.6	100	14	7.7	0.00
05/04/2024 09:50	6.2	89	12	8.4	0.00
05/04/2024 10:00	6.3	96	15	8.5	0.00
05/04/2024 10:10	5.4	97	13	7.9	0.00
05/04/2024 10:20	5.7	91	15	7.8	0.00
05/04/2024 10:30	6.0	88	12	8.7	0.00
05/04/2024 10:40	6.4	89	13	7.9	0.00
05/04/2024 10:50	6.7	88	13	8.7	0.00
05/04/2024 11:00	6.7	88	11	8.7	0.00
05/04/2024 11:10	6.9	89	13	9.4	0.00
05/04/2024 11:20	6.1	92	13	8.2	0.10
05/04/2024 11:30	6.4	89	13	9.9	0.00
05/04/2024 11:40	5.6	83	14	7.3	0.00
05/04/2024 11:50	5.8	90	13	8.8	0.00
05/04/2024 12:00	6.1	80	12	8.5	0.00
05/04/2024 12:10	6.0	75	11	8.3	0.00
05/04/2024 12:20	5.9	80	11	8.3	0.00
05/04/2024 12:30	6.4	74	12	9.1	0.00
05/04/2024 12:40	6.5	81	12	8.7	0.00
05/04/2024 12:50	6.4	86	12	9.0	0.00
05/04/2024 13:00	6.4	73	12	8.4	0.00
05/04/2024 13:10	6.0	66	16	8.4	0.00
05/04/2024 13:20	6.9	66	13	9.3	0.00
05/04/2024 13:30	6.7	64	12	9.0	0.00
05/04/2024 13:40	6.7	61	14	9.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 13:50	6.4	66	13	8.9	0.00
05/04/2024 14:00	6.6	58	13	8.7	0.00
05/04/2024 14:10	6.8	64	13	8.9	0.00
05/04/2024 14:20	6.5	65	12	9.1	0.00
05/04/2024 14:30	6.4	67	13	8.1	0.00
05/04/2024 14:40	6.3	68	13	8.7	0.00
05/04/2024 14:50	6.3	65	12	8.3	0.00
05/04/2024 15:00	5.5	61	13	8.4	0.00
05/04/2024 15:10	5.9	62	14	8.6	0.00
05/04/2024 15:20	5.4	69	13	7.5	0.00
05/04/2024 15:30	5.5	62	16	7.4	0.00
05/04/2024 15:40	5.8	68	12	7.6	0.00
05/04/2024 15:50	5.2	60	14	6.8	0.00
05/04/2024 16:00	5.4	63	11	7.5	0.00
05/04/2024 16:10	5.0	50	13	7.2	0.00
05/04/2024 16:20	5.1	51	13	7.0	0.00
05/04/2024 16:30	5.1	45	14	7.3	0.00
05/04/2024 16:40	4.9	45	15	6.9	0.00
05/04/2024 16:50	5.0	50	13	7.1	0.00
05/04/2024 17:00	5.5	46	13	7.9	0.00
05/04/2024 17:10	5.1	51	14	6.7	0.00
05/04/2024 17:20	4.6	45	13	6.8	0.00
05/04/2024 17:30	4.5	49	11	6.1	0.00
05/04/2024 17:40	4.3	47	11	5.8	0.00
05/04/2024 17:50	4.1	42	14	5.4	0.00
05/04/2024 18:00	4.0	46	13	5.7	0.00
05/04/2024 18:10	4.4	51	13	5.7	0.00
05/04/2024 18:20	4.0	48	10	5.5	0.00
05/04/2024 18:30	3.6	44	12	5.0	0.00
05/04/2024 18:40	2.7	38	15	4.2	0.00
05/04/2024 18:50	2.8	38	15	4.0	0.00
05/04/2024 19:00	1.9	189	20	3.4	0.00
05/04/2024 19:10	2.0	7	20	3.3	0.00
05/04/2024 19:20	2.2	30	20	3.6	0.00
05/04/2024 19:30	1.4	17	23	2.4	0.00
05/04/2024 19:40	2.1	349	19	2.9	0.00
05/04/2024 19:50	1.6	28	18	2.5	0.00
05/04/2024 20:00	2.1	26	15	3.2	0.00
05/04/2024 20:10	1.7	18	16	2.6	0.00
05/04/2024 20:20	0.7	189	18	1.8	0.00
05/04/2024 20:30	0.7	295	24	1.4	0.00
05/04/2024 20:40	1.3	47	23	2.5	0.00
05/04/2024 20:50	0.8	146	19	1.6	0.00
05/04/2024 21:00	0.1	254	20	0.8	0.00
05/04/2024 21:10	0.7	273	14	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 21:20	1.1	258	12	1.6	0.00
05/04/2024 21:30	0.6	260	9	1.2	0.00
05/04/2024 21:40					0.00
05/04/2024 21:50	0.3	275	15	0.8	0.00
05/04/2024 22:00	0.3	239	8	0.8	0.00
05/04/2024 22:10					0.00
05/04/2024 22:20	0.8	248	9	1.4	0.00
05/04/2024 22:30	1.0	249	11	1.4	0.00
05/04/2024 22:40	0.0	254	1	0.8	0.00
05/04/2024 22:50	0.9	230	13	1.5	0.00
05/04/2024 23:00	0.5	233	17	1.4	0.00
05/04/2024 23:10					0.00
05/04/2024 23:20	0.7	251	10	1.2	0.00
05/04/2024 23:30	1.3	240	11	2.0	0.00
05/04/2024 23:40	1.1	240	15	1.6	0.00
05/04/2024 23:50	1.3	241	13	1.9	0.00
06/04/2024 00:00	1.1	259	11	1.6	0.00
06/04/2024 00:10	1.4	256	7	1.8	0.00
06/04/2024 00:20	0.8	261	8	1.3	0.00
06/04/2024 00:30	0.7	241	9	1.1	0.00
06/04/2024 00:40	0.0	227	0	0.4	0.00
06/04/2024 00:50					0.00
06/04/2024 01:00					0.00
06/04/2024 01:10	0.3	226	9	0.9	0.00
06/04/2024 01:20	1.0	247	9	1.6	0.00
06/04/2024 01:30	1.1	250	9	1.8	0.00
06/04/2024 01:40	1.4	250	14	2.2	0.00
06/04/2024 01:50	1.4	240	12	2.5	0.00
06/04/2024 02:00	1.7	256	10	2.4	0.00
06/04/2024 02:10	0.9	242	10	2.0	0.00
06/04/2024 02:20	1.6	241	17	2.4	0.00
06/04/2024 02:30	1.6	234	17	2.4	0.00
06/04/2024 02:40	1.1	243	11	1.6	0.00
06/04/2024 02:50	1.1	242	14	1.7	0.00
06/04/2024 03:00	1.2	231	17	2.0	0.00
06/04/2024 03:10	0.7	228	17	1.6	0.00
06/04/2024 03:20	0.8	170	23	1.8	0.00
06/04/2024 03:30	1.3	239	35	1.9	0.00
06/04/2024 03:40	1.5	246	17	2.9	0.00
06/04/2024 03:50	1.5	242	20	2.3	0.00
06/04/2024 04:00	1.5	243	13	2.1	0.00
06/04/2024 04:10	1.8	227	25	3.0	0.00
06/04/2024 04:20	2.1	222	44	3.8	0.00
06/04/2024 04:30	1.5	220	49	2.9	0.00
06/04/2024 04:40	2.3	218	29	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 04:50	1.5	244	23	2.8	0.00
06/04/2024 05:00	0.4	200	44	1.8	0.00
06/04/2024 05:10	1.1	271	20	1.9	0.00
06/04/2024 05:20	1.0	308	24	2.0	0.00
06/04/2024 05:30	0.6	169	26	1.2	0.00
06/04/2024 05:40	0.7	316	36	1.6	0.00
06/04/2024 05:50	0.4	243	30	1.2	0.00
06/04/2024 06:00	0.5	240	51	1.4	0.00
06/04/2024 06:10	0.4	27	65	1.2	0.00
06/04/2024 06:20	0.4	242	47	1.2	0.00
06/04/2024 06:30	0.6	136	68	1.5	0.00
06/04/2024 06:40	0.8	25	72	1.6	0.00
06/04/2024 06:50	1.0	45	88	1.7	0.00
06/04/2024 07:00	1.0	110	73	1.9	0.00
06/04/2024 07:10	1.2	140	37	2.3	0.00
06/04/2024 07:20	0.9	127	31	2.0	0.00
06/04/2024 07:30	1.1	127	27	2.4	0.00
06/04/2024 07:40	0.7	109	27	2.0	0.00
06/04/2024 07:50	0.8	86	22	1.7	0.00
06/04/2024 08:00	1.6	106	18	2.7	0.00
06/04/2024 08:10	1.8	122	16	2.6	0.00
06/04/2024 08:20	2.8	121	13	3.8	0.00
06/04/2024 08:30	2.1	122	17	3.2	0.00
06/04/2024 08:40	3.2	102	11	5.3	0.00
06/04/2024 08:50	3.8	101	12	4.9	0.00
06/04/2024 09:00	4.2	98	11	5.9	0.00
06/04/2024 09:10	4.5	96	10	6.0	0.00
06/04/2024 09:20	3.8	100	12	5.1	0.00
06/04/2024 09:30	3.2	98	15	4.9	0.00
06/04/2024 09:40	3.3	98	17	4.6	0.00
06/04/2024 09:50	3.3	96	18	4.9	0.00
06/04/2024 10:00	3.5	108	15	5.2	0.00
06/04/2024 10:10	3.8	105	17	5.4	0.00
06/04/2024 10:20	3.9	90	16	6.0	0.00
06/04/2024 10:30	4.4	93	14	6.3	0.00
06/04/2024 10:40	4.2	95	15	5.9	0.00
06/04/2024 10:50	4.3	83	12	6.4	0.00
06/04/2024 11:00	4.4	83	14	6.1	0.00
06/04/2024 11:10	4.2	77	14	6.4	0.00
06/04/2024 11:20	4.7	77	12	6.6	0.00
06/04/2024 11:30	4.9	78	10	6.6	0.00
06/04/2024 11:40	4.5	80	16	5.9	0.00
06/04/2024 11:50	4.5	79	14	6.3	0.00
06/04/2024 12:00	4.8	83	13	6.9	0.00
06/04/2024 12:10	4.5	84	12	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 12:20	4.4	91	14	6.1	0.00
06/04/2024 12:30	4.6	79	15	6.1	0.00
06/04/2024 12:40	5.1	66	13	6.9	0.00
06/04/2024 12:50	4.8	73	15	6.8	0.00
06/04/2024 13:00	5.3	60	14	7.2	0.00
06/04/2024 13:10	5.1	63	14	7.8	0.00
06/04/2024 13:20	4.9	66	13	6.4	0.00
06/04/2024 13:30	5.4	71	15	8.2	0.00
06/04/2024 13:40	5.2	69	12	7.4	0.00
06/04/2024 13:50	4.9	69	15	6.3	0.00
06/04/2024 14:00	5.0	70	12	6.8	0.00
06/04/2024 14:10	4.8	74	14	6.1	0.00
06/04/2024 14:20	4.8	69	13	6.4	0.00
06/04/2024 14:30	4.8	63	12	6.5	0.00
06/04/2024 14:40	4.5	69	16	6.2	0.00
06/04/2024 14:50	4.6	64	16	6.5	0.00
06/04/2024 15:00	4.2	74	14	6.0	0.00
06/04/2024 15:10	4.6	56	17	6.5	0.00
06/04/2024 15:20	4.4	52	17	6.1	0.00
06/04/2024 15:30	4.3	39	16	6.7	0.00
06/04/2024 15:40	4.3	52	15	6.0	0.00
06/04/2024 15:50	4.7	44	13	6.7	0.00
06/04/2024 16:00	4.5	58	15	6.4	0.00
06/04/2024 16:10	4.3	56	14	6.1	0.00
06/04/2024 16:20	4.3	56	16	5.9	0.00
06/04/2024 16:30	4.2	51	12	5.8	0.00
06/04/2024 16:40	4.0	58	13	5.2	0.00
06/04/2024 16:50	4.1	44	15	5.6	0.00
06/04/2024 17:00	3.8	46	16	5.4	0.00
06/04/2024 17:10	3.3	31	20	5.2	0.00
06/04/2024 17:20	3.8	38	16	5.3	0.00
06/04/2024 17:30	4.3	44	13	5.6	0.00
06/04/2024 17:40	3.9	44	12	5.2	0.00
06/04/2024 17:50	4.1	44	12	5.8	0.00
06/04/2024 18:00	3.7	47	13	5.3	0.00
06/04/2024 18:10	2.8	45	12	4.0	0.00
06/04/2024 18:20	2.6	47	15	3.5	0.00
06/04/2024 18:30	2.3	30	23	3.9	0.00
06/04/2024 18:40	2.7	52	11	3.6	0.00
06/04/2024 18:50	3.1	52	12	4.1	0.00
06/04/2024 19:00	3.3	47	12	4.4	0.00
06/04/2024 19:10	2.8	41	15	4.0	0.00
06/04/2024 19:20	2.3	38	14	3.6	0.00
06/04/2024 19:30	2.4	46	14	3.5	0.00
06/04/2024 19:40	1.2	180	18	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 19:50	0.3	179	9	1.2	0.00
06/04/2024 20:00	0.6	359	14	1.2	0.00
06/04/2024 20:10	0.1	86	3	0.8	0.00
06/04/2024 20:20					0.00
06/04/2024 20:30					0.00
06/04/2024 20:40					0.00
06/04/2024 20:50	0.8	278	6	1.7	0.00
06/04/2024 21:00	1.2	278	13	1.6	0.00
06/04/2024 21:10	1.6	265	6	2.3	0.00
06/04/2024 21:20	1.4	267	5	1.8	0.00
06/04/2024 21:30	0.7	267	12	1.2	0.00
06/04/2024 21:40	0.0	287	0	0.4	0.00
06/04/2024 21:50	0.7	261	8	1.2	0.00
06/04/2024 22:00	0.2	242	6	1.1	0.00
06/04/2024 22:10					0.00
06/04/2024 22:20	0.6	269	20	0.9	0.00
06/04/2024 22:30	0.4	224	10	1.1	0.00
06/04/2024 22:40	0.6	196	41	1.5	0.00
06/04/2024 22:50	0.4	252	10	1.4	0.00
06/04/2024 23:00	1.5	228	15	2.4	0.00
06/04/2024 23:10	1.5	224	16	2.3	0.00
06/04/2024 23:20	2.0	232	11	2.8	0.00
06/04/2024 23:30	1.9	234	15	2.8	0.00
06/04/2024 23:40	1.7	237	13	2.4	0.00
06/04/2024 23:50	1.3	247	14	2.2	0.00
07/04/2024 00:00	1.1	239	21	2.0	0.00
07/04/2024 00:10	1.8	230	17	2.8	0.00
07/04/2024 00:20	2.1	229	16	3.0	0.00
07/04/2024 00:30	2.2	234	14	3.2	0.00
07/04/2024 00:40	1.9	233	14	2.6	0.00
07/04/2024 00:50	0.7	220	17	1.6	0.00
07/04/2024 01:00	0.5	221	25	1.5	0.00
07/04/2024 01:10	1.3	227	20	2.1	0.00
07/04/2024 01:20	1.2	227	22	2.2	0.00
07/04/2024 01:30	1.1	241	14	1.9	0.00
07/04/2024 01:40	1.7	248	13	2.4	0.00
07/04/2024 01:50	1.0	262	16	1.7	0.00
07/04/2024 02:00	0.7	165	21	1.3	0.00
07/04/2024 02:10	0.6	160	23	1.2	0.00
07/04/2024 02:20	0.2	303	6	0.8	0.00
07/04/2024 02:30	0.3	170	29	1.2	0.00
07/04/2024 02:40	0.1	273	3	0.8	0.00
07/04/2024 02:50	0.2	247	10	0.9	0.00
07/04/2024 03:00	0.7	255	16	1.3	0.00
07/04/2024 03:10	0.9	251	19	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 03:20	0.4	265	15	1.2	0.00
07/04/2024 03:30	0.8	252	21	1.2	0.00
07/04/2024 03:40	0.7	251	20	1.6	0.00
07/04/2024 03:50	0.6	256	14	1.2	0.00
07/04/2024 04:00	1.0	250	16	1.8	0.00
07/04/2024 04:10	0.9	250	20	1.5	0.00
07/04/2024 04:20	0.3	265	23	0.9	0.00
07/04/2024 04:30	0.4	227	22	1.1	0.00
07/04/2024 04:40	0.8	250	19	1.6	0.00
07/04/2024 04:50	1.0	260	23	1.9	0.00
07/04/2024 05:00	1.0	265	27	1.8	0.00
07/04/2024 05:10	1.1	251	22	2.1	0.00
07/04/2024 05:20	1.1	285	13	1.6	0.00
07/04/2024 05:30	0.9	274	21	1.5	0.00
07/04/2024 05:40	0.4	280	27	1.1	0.00
07/04/2024 05:50	0.4	310	18	1.2	0.00
07/04/2024 06:00	0.3	235	31	1.2	0.00
07/04/2024 06:10	0.2	265	21	0.8	0.00
07/04/2024 06:20	1.1	305	17	1.9	0.00
07/04/2024 06:30	0.6	301	17	1.6	0.00
07/04/2024 06:40	0.7	319	17	1.2	0.00
07/04/2024 06:50	0.6	304	25	1.3	0.00
07/04/2024 07:00	0.5	308	20	1.3	0.00
07/04/2024 07:10	0.3	307	8	1.3	0.00
07/04/2024 07:20	1.1	311	17	1.7	0.00
07/04/2024 07:30	0.3	311	23	0.9	0.00
07/04/2024 07:40	0.4	139	18	1.6	0.00
07/04/2024 07:50	0.4	299	20	1.1	0.00
07/04/2024 08:00	0.4	287	26	1.3	0.00
07/04/2024 08:10	0.2	132	30	1.2	0.00
07/04/2024 08:20	1.3	137	32	2.7	0.00
07/04/2024 08:30	2.1	135	22	3.4	0.00
07/04/2024 08:40	2.7	136	16	4.4	0.00
07/04/2024 08:50	2.4	142	26	4.1	0.00
07/04/2024 09:00	3.0	141	24	4.5	0.00
07/04/2024 09:10	3.2	137	20	4.6	0.00
07/04/2024 09:20	3.2	137	19	5.0	0.00
07/04/2024 09:30	3.3	129	17	4.4	0.00
07/04/2024 09:40	4.2	119	13	5.7	0.00
07/04/2024 09:50	3.9	117	19	5.6	0.00
07/04/2024 10:00	4.0	111	15	6.3	0.00
07/04/2024 10:10	4.2	110	14	5.6	0.00
07/04/2024 10:20	4.7	100	14	6.8	0.00
07/04/2024 10:30	5.1	95	12	6.9	0.00
07/04/2024 10:40	6.0	96	15	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 10:50	5.4	93	15	7.3	0.00
07/04/2024 11:00	6.0	91	15	8.7	0.00
07/04/2024 11:10	5.6	88	12	8.6	0.00
07/04/2024 11:20	6.3	81	12	8.5	0.00
07/04/2024 11:30	6.2	86	11	8.4	0.00
07/04/2024 11:40	5.9	92	15	8.3	0.00
07/04/2024 11:50	6.2	74	13	8.4	0.00
07/04/2024 12:00	6.0	73	13	7.9	0.00
07/04/2024 12:10	5.5	76	14	7.9	0.00
07/04/2024 12:20	5.6	83	12	8.3	0.00
07/04/2024 12:30	5.8	79	12	7.9	0.00
07/04/2024 12:40	6.1	83	13	8.7	0.00
07/04/2024 12:50	5.5	78	14	8.2	0.00
07/04/2024 13:00	5.7	78	14	8.1	0.00
07/04/2024 13:10	5.1	75	16	7.1	0.00
07/04/2024 13:20	6.0	77	11	8.5	0.00
07/04/2024 13:30	6.3	76	14	9.2	0.00
07/04/2024 13:40	5.8	74	14	8.4	0.00
07/04/2024 13:50	6.2	63	13	8.6	0.00
07/04/2024 14:00	5.9	64	13	8.5	0.00
07/04/2024 14:10	5.2	61	13	7.9	0.00
07/04/2024 14:20	6.1	60	14	8.0	0.00
07/04/2024 14:30	6.1	66	14	8.3	0.00
07/04/2024 14:40	5.5	62	13	8.1	0.00
07/04/2024 14:50	5.2	63	12	7.3	0.00
07/04/2024 15:00	5.7	66	13	7.6	0.00
07/04/2024 15:10	5.8	63	13	7.4	0.00
07/04/2024 15:20	6.3	59	11	8.9	0.00
07/04/2024 15:30	6.3	66	11	8.2	0.00
07/04/2024 15:40	5.8	61	13	7.9	0.00
07/04/2024 15:50	5.8	63	11	7.8	0.00
07/04/2024 16:00	5.3	59	12	7.5	0.00
07/04/2024 16:10	5.3	62	13	7.7	0.00
07/04/2024 16:20	5.4	62	13	7.5	0.00
07/04/2024 16:30	5.0	65	12	7.0	0.00
07/04/2024 16:40	5.3	62	11	7.2	0.00
07/04/2024 16:50	4.8	62	12	6.4	0.00
07/04/2024 17:00	4.5	58	12	6.2	0.00
07/04/2024 17:10	4.4	61	13	6.2	0.00
07/04/2024 17:20	3.8	50	16	5.5	0.00
07/04/2024 17:30	3.9	53	14	5.2	0.00
07/04/2024 17:40	3.9	63	13	5.3	0.00
07/04/2024 17:50	3.4	56	15	5.1	0.00
07/04/2024 18:00	3.5	59	11	4.8	0.00
07/04/2024 18:10	3.5	64	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 18:20	2.7	60	11	3.8	0.00
07/04/2024 18:30	3.1	66	11	4.3	0.00
07/04/2024 18:40	2.6	57	13	4.0	0.00
07/04/2024 18:50	2.3	62	10	3.6	0.00
07/04/2024 19:00	1.6	72	10	2.3	0.00
07/04/2024 19:10	2.6	80	12	4.1	0.00
07/04/2024 19:20	2.1	75	11	3.0	0.00
07/04/2024 19:30	1.4	77	8	1.9	0.00
07/04/2024 19:40	1.2	77	7	1.7	0.00
07/04/2024 19:50	2.0	70	9	2.8	0.00
07/04/2024 20:00	2.2	67	8	3.2	0.00
07/04/2024 20:10	1.9	73	9	2.7	0.00
07/04/2024 20:20	1.8	77	8	2.4	0.00
07/04/2024 20:30	1.3	80	10	1.9	0.00
07/04/2024 20:40	0.6	158	19	1.6	0.00
07/04/2024 20:50	2.2	239	8	3.2	0.00
07/04/2024 21:00	0.8	248	9	1.5	0.00
07/04/2024 21:10	1.3	244	7	1.9	0.00
07/04/2024 21:20	1.9	240	16	2.7	0.00
07/04/2024 21:30	0.3	236	7	1.2	0.00
07/04/2024 21:40	1.3	245	13	1.9	0.00
07/04/2024 21:50	0.6	235	10	1.4	0.00
07/04/2024 22:00	0.1	286	2	0.8	0.00
07/04/2024 22:10	0.7	238	17	1.4	0.00
07/04/2024 22:20	0.4	229	19	1.5	0.00
07/04/2024 22:30	0.5	227	19	1.5	0.00
07/04/2024 22:40	0.9	235	20	1.8	0.00
07/04/2024 22:50	0.6	175	25	1.6	0.00
07/04/2024 23:00	1.2	196	41	2.8	0.00
07/04/2024 23:10	0.9	166	36	1.9	0.00
07/04/2024 23:20	1.1	233	16	2.0	0.00
07/04/2024 23:30	0.9	237	13	2.0	0.00
07/04/2024 23:40	0.2	221	15	1.2	0.00
07/04/2024 23:50	1.3	247	18	2.4	0.00
08/04/2024 00:00	0.7	238	12	1.9	0.00
08/04/2024 00:10	0.0	201	3	0.6	0.00
08/04/2024 00:20	0.5	293	5	1.3	0.00
08/04/2024 00:30	1.3	270	13	1.9	0.00
08/04/2024 00:40	1.3	262	15	1.8	0.00
08/04/2024 00:50	1.2	287	11	1.6	0.00
08/04/2024 01:00	1.2	284	10	1.6	0.00
08/04/2024 01:10	1.1	265	14	1.5	0.00
08/04/2024 01:20	0.4	253	5	1.8	0.00
08/04/2024 01:30	1.7	249	13	2.4	0.00
08/04/2024 01:40	1.3	242	16	1.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 01:50	1.0	242	19	1.7	0.00
08/04/2024 02:00	0.4	243	27	1.2	0.00
08/04/2024 02:10	0.1	243	8	1.0	0.00
08/04/2024 02:20	0.0	239	7	0.6	0.00
08/04/2024 02:30	0.4	192	15	1.5	0.00
08/04/2024 02:40	0.6	247	20	1.6	0.00
08/04/2024 02:50	0.7	240	22	1.7	0.00
08/04/2024 03:00	0.6	216	21	1.2	0.00
08/04/2024 03:10	0.3	241	20	1.1	0.00
08/04/2024 03:20	0.6	244	18	1.2	0.00
08/04/2024 03:30	0.2	253	13	1.2	0.00
08/04/2024 03:40	0.3	192	45	1.5	0.00
08/04/2024 03:50	0.9	219	34	1.7	0.00
08/04/2024 04:00	1.1	224	23	1.9	0.00
08/04/2024 04:10	0.6	222	15	1.2	0.00
08/04/2024 04:20	0.9	229	28	2.5	0.00
08/04/2024 04:30	0.3	223	44	1.4	0.00
08/04/2024 04:40	1.1	232	23	2.0	0.00
08/04/2024 04:50	1.0	227	26	2.0	0.00
08/04/2024 05:00	0.5	231	30	1.6	0.00
08/04/2024 05:10	0.6	253	27	1.2	0.00
08/04/2024 05:20	0.5	257	19	1.4	0.00
08/04/2024 05:30	0.1	346	15	1.2	0.00
08/04/2024 05:40	0.6	287	13	1.2	0.00
08/04/2024 05:50	0.2	300	16	1.2	0.00
08/04/2024 06:00	0.3	150	19	1.4	0.00
08/04/2024 06:10	0.2	137	10	1.3	0.00
08/04/2024 06:20	0.7	150	12	1.7	0.00
08/04/2024 06:30	1.2	140	19	2.0	0.00
08/04/2024 06:40	1.5	135	15	2.7	0.00
08/04/2024 06:50	1.0	143	15	1.9	0.00
08/04/2024 07:00	0.6	229	39	1.6	0.00
08/04/2024 07:10	0.4	150	19	1.2	0.00
08/04/2024 07:20	0.0	173	9	0.5	0.00
08/04/2024 07:30	0.2	138	14	1.2	0.00
08/04/2024 07:40	0.7	218	19	1.6	0.00
08/04/2024 07:50	0.5	211	20	1.2	0.00
08/04/2024 08:00	0.3	185	16	1.5	0.00
08/04/2024 08:10	1.0	132	17	2.0	0.00
08/04/2024 08:20	2.1	135	19	3.3	0.00
08/04/2024 08:30	2.8	134	18	4.5	0.00
08/04/2024 08:40	2.9	133	16	4.4	0.00
08/04/2024 08:50	3.7	127	15	5.2	0.00
08/04/2024 09:00	3.7	123	14	5.9	0.00
08/04/2024 09:10	3.6	110	16	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 09:20	2.9	125	17	4.0	0.00
08/04/2024 09:30	3.4	128	16	5.0	0.00
08/04/2024 09:40	3.4	121	15	5.7	0.00
08/04/2024 09:50	3.5	119	15	5.1	0.00
08/04/2024 10:00	3.9	112	14	6.4	0.00
08/04/2024 10:10	4.6	107	14	7.2	0.00
08/04/2024 10:20	5.1	105	11	7.2	0.00
08/04/2024 10:30	4.6	110	13	6.7	0.00
08/04/2024 10:40	4.3	115	11	6.5	0.00
08/04/2024 10:50	5.4	105	13	7.3	0.00
08/04/2024 11:00	5.3	99	14	7.9	0.00
08/04/2024 11:10	5.1	101	12	7.5	0.00
08/04/2024 11:20	4.6	98	14	6.8	0.00
08/04/2024 11:30	5.1	92	13	7.1	0.00
08/04/2024 11:40	4.6	101	15	6.5	0.00
08/04/2024 11:50	4.6	88	11	7.1	0.00
08/04/2024 12:00	5.5	87	13	7.9	0.00
08/04/2024 12:10	5.4	87	13	7.5	0.00
08/04/2024 12:20	5.9	85	13	8.0	0.00
08/04/2024 12:30	5.4	72	13	7.8	0.00
08/04/2024 12:40	5.8	83	11	8.3	0.00
08/04/2024 12:50	6.0	76	12	8.4	0.00
08/04/2024 13:00	6.0	80	12	8.7	0.00
08/04/2024 13:10	6.1	76	11	8.3	0.00
08/04/2024 13:20	6.0	78	8	8.3	0.00
08/04/2024 13:30	6.7	82	13	8.9	0.00
08/04/2024 13:40	6.5	81	11	8.8	0.00
08/04/2024 13:50	6.7	77	10	9.1	0.00
08/04/2024 14:00	6.1	80	11	8.3	0.00
08/04/2024 14:10	6.4	74	11	8.5	0.00
08/04/2024 14:20	5.6	73	12	7.6	0.00
08/04/2024 14:30	5.5	67	14	7.5	0.00
08/04/2024 14:40	5.4	66	14	7.2	0.00
08/04/2024 14:50	5.6	75	13	7.5	0.00
08/04/2024 15:00	5.2	69	12	6.8	0.00
08/04/2024 15:10	4.4	70	13	6.2	0.00
08/04/2024 15:20	4.6	63	14	6.0	0.00
08/04/2024 15:30	4.8	62	13	6.5	0.00
08/04/2024 15:40	4.6	69	12	6.4	0.00
08/04/2024 15:50	5.1	70	12	6.8	0.00
08/04/2024 16:00	4.7	64	14	6.7	0.00
08/04/2024 16:10	5.0	69	10	6.8	0.00
08/04/2024 16:20	4.6	65	11	6.3	0.00
08/04/2024 16:30	5.1	67	10	6.6	0.00
08/04/2024 16:40	5.2	69	11	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 16:50	5.0	66	11	6.5	0.00
08/04/2024 17:00	4.7	66	12	6.5	0.00
08/04/2024 17:10	4.7	68	11	6.3	0.00
08/04/2024 17:20	4.9	65	10	6.8	0.00
08/04/2024 17:30	4.1	71	12	6.4	0.00
08/04/2024 17:40	4.5	66	11	6.4	0.00
08/04/2024 17:50	4.2	71	11	6.0	0.00
08/04/2024 18:00	3.6	69	12	5.2	0.00
08/04/2024 18:10	4.0	68	12	5.6	0.00
08/04/2024 18:20	3.7	70	15	5.1	0.00
08/04/2024 18:30	3.9	67	12	5.1	0.00
08/04/2024 18:40	3.3	74	13	4.8	0.00
08/04/2024 18:50	3.8	77	10	4.9	0.00
08/04/2024 19:00	3.4	80	11	4.8	0.00
08/04/2024 19:10	3.6	84	11	5.0	0.00
08/04/2024 19:20	4.4	78	13	6.7	0.00
08/04/2024 19:30	5.5	72	11	7.3	0.00
08/04/2024 19:40	5.6	71	10	8.1	0.00
08/04/2024 19:50	5.6	76	11	8.3	0.00
08/04/2024 20:00	6.9	81	12	10.5	0.00
08/04/2024 20:10	7.5	89	12	11.0	0.00
08/04/2024 20:20	6.4	86	10	9.3	0.00
08/04/2024 20:30	6.3	83	12	8.7	0.00
08/04/2024 20:40	6.2	80	11	9.0	0.00
08/04/2024 20:50	7.4	87	11	11.1	0.00
08/04/2024 21:00	7.3	80	11	9.7	0.00
08/04/2024 21:10	7.1	83	10	10.1	0.00
08/04/2024 21:20	6.7	74	11	10.5	0.00
08/04/2024 21:30	7.3	76	11	9.6	0.00
08/04/2024 21:40	6.3	80	9	8.4	0.00
08/04/2024 21:50	5.4	82	10	7.3	0.00
08/04/2024 22:00	4.9	77	10	6.7	0.00
08/04/2024 22:10	5.6	79	12	7.8	0.00
08/04/2024 22:20	4.9	79	10	6.8	0.00
08/04/2024 22:30	5.2	78	10	7.0	0.00
08/04/2024 22:40	5.0	75	10	6.7	0.00
08/04/2024 22:50	4.6	81	10	6.7	0.00
08/04/2024 23:00	4.7	86	12	6.8	0.00
08/04/2024 23:10	4.6	85	11	6.5	0.00
08/04/2024 23:20	5.0	87	11	7.2	0.00
08/04/2024 23:30	4.8	89	11	6.7	0.00
08/04/2024 23:40	5.4	86	11	8.1	0.00
08/04/2024 23:50	4.7	86	11	7.3	0.00
09/04/2024 00:00	4.4	89	11	6.2	0.00
09/04/2024 00:10	4.5	91	13	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 00:20	3.9	90	12	5.3	0.00
09/04/2024 00:30	3.9	97	11	5.4	0.00
09/04/2024 00:40	3.7	94	12	5.6	0.00
09/04/2024 00:50	4.8	94	13	6.5	0.00
09/04/2024 01:00	5.4	88	10	7.1	0.00
09/04/2024 01:10	5.7	90	10	8.0	0.00
09/04/2024 01:20	4.8	90	12	6.5	0.00
09/04/2024 01:30	4.5	93	11	6.5	0.00
09/04/2024 01:40	4.5	90	11	6.8	0.00
09/04/2024 01:50	5.6	89	10	7.9	0.00
09/04/2024 02:00	5.9	87	11	8.2	0.00
09/04/2024 02:10	5.4	89	12	7.4	0.00
09/04/2024 02:20	6.0	87	10	7.9	0.00
09/04/2024 02:30	5.9	88	12	8.5	0.00
09/04/2024 02:40	5.8	86	11	8.1	0.00
09/04/2024 02:50	5.8	89	13	7.7	0.00
09/04/2024 03:00	6.3	90	11	8.7	0.00
09/04/2024 03:10	6.3	90	11	8.9	0.00
09/04/2024 03:20	5.8	90	12	7.5	0.00
09/04/2024 03:30	6.2	88	11	8.9	0.00
09/04/2024 03:40	5.9	90	11	8.3	0.00
09/04/2024 03:50	5.5	90	11	7.8	0.00
09/04/2024 04:00	5.3	90	11	7.2	0.00
09/04/2024 04:10	5.4	93	15	7.6	0.00
09/04/2024 04:20	4.5	95	12	6.3	0.00
09/04/2024 04:30	4.3	95	13	6.1	0.00
09/04/2024 04:40	4.5	97	12	6.9	0.00
09/04/2024 04:50	4.8	94	10	6.5	0.00
09/04/2024 05:00	4.5	96	11	6.5	0.00
09/04/2024 05:10	4.5	94	11	6.6	0.00
09/04/2024 05:20	4.2	99	14	6.1	0.00
09/04/2024 05:30	4.3	104	12	6.4	0.00
09/04/2024 05:40	4.4	104	10	6.5	0.00
09/04/2024 05:50	4.3	108	10	6.1	0.00
09/04/2024 06:00	4.1	103	11	5.4	0.00
09/04/2024 06:10	4.2	103	12	5.4	0.00
09/04/2024 06:20	4.4	105	14	5.9	0.00
09/04/2024 06:30	4.1	106	10	5.8	0.00
09/04/2024 06:40	3.7	103	11	5.4	0.00
09/04/2024 06:50	3.8	104	10	5.8	0.00
09/04/2024 07:00	4.2	106	14	5.3	0.00
09/04/2024 07:10	4.3	103	13	6.0	0.00
09/04/2024 07:20	3.7	103	10	5.1	0.00
09/04/2024 07:30	3.7	105	12	5.2	0.00
09/04/2024 07:40	4.0	102	12	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 07:50	4.3	100	12	6.0	0.00
09/04/2024 08:00	4.5	105	13	6.4	0.00
09/04/2024 08:10	4.4	103	13	6.7	0.00
09/04/2024 08:20	4.7	100	10	6.7	0.00
09/04/2024 08:30	5.0	102	13	6.8	0.00
09/04/2024 08:40	4.9	105	13	6.8	0.00
09/04/2024 08:50	5.6	106	11	8.0	0.00
09/04/2024 09:00	6.3	106	11	8.6	0.00
09/04/2024 09:10	6.6	109	12	10.0	0.00
09/04/2024 09:20	6.8	98	12	10.3	0.00
09/04/2024 09:30	7.4	101	11	10.4	0.00
09/04/2024 09:40	7.7	95	12	10.7	0.00
09/04/2024 09:50	7.0	93	12	9.9	0.00
09/04/2024 10:00	7.3	92	12	9.9	0.00
09/04/2024 10:10	7.7	86	12	10.8	0.00
09/04/2024 10:20	7.9	86	11	10.8	0.00
09/04/2024 10:30	7.4	87	11	9.8	0.00
09/04/2024 10:40	7.3	90	12	9.4	0.00
09/04/2024 10:50	7.3	90	11	10.7	0.00
09/04/2024 11:00	7.1	89	14	10.4	0.00
09/04/2024 11:10	7.8	84	12	10.7	0.00
09/04/2024 11:20	7.0	88	13	10.0	0.00
09/04/2024 11:30	7.1	82	11	10.0	0.00
09/04/2024 11:40	7.2	79	12	10.3	0.00
09/04/2024 11:50	7.1	90	12	9.8	0.00
09/04/2024 12:00	7.6	88	12	11.3	0.00
09/04/2024 12:10	7.4	88	12	10.3	0.00
09/04/2024 12:20	7.9	82	13	10.7	0.00
09/04/2024 12:30	8.6	82	12	12.1	0.00
09/04/2024 12:40	9.9	81	12	13.5	0.00
09/04/2024 12:50	10.2	80	11	13.8	0.00
09/04/2024 13:00	9.7	82	12	13.5	0.00
09/04/2024 13:10	10.1	80	10	14.3	0.00
09/04/2024 13:20	9.2	85	12	13.1	0.00
09/04/2024 13:30	10.7	81	11	14.6	0.00
09/04/2024 13:40	9.8	81	13	13.9	0.00
09/04/2024 13:50	9.2	81	11	13.3	0.00
09/04/2024 14:00	8.6	84	10	11.5	0.00
09/04/2024 14:10	8.5	78	13	11.6	0.00
09/04/2024 14:20	8.5	80	11	11.9	0.00
09/04/2024 14:30	8.6	78	11	12.3	0.00
09/04/2024 14:40	7.7	79	12	10.2	0.00
09/04/2024 14:50	6.7	79	11	9.5	0.00
09/04/2024 15:00	7.2	78	13	10.1	0.00
09/04/2024 15:10	7.5	81	10	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 15:20	6.7	81	12	9.7	0.00
09/04/2024 15:30	6.3	79	12	9.0	0.00
09/04/2024 15:40	7.5	78	10	10.3	0.00
09/04/2024 15:50	7.9	79	10	10.3	0.00
09/04/2024 16:00	6.8	79	11	9.1	0.00
09/04/2024 16:10	8.1	71	12	11.6	0.00
09/04/2024 16:20	10.3	69	10	14.5	0.00
09/04/2024 16:30	11.1	69	10	14.4	0.00
09/04/2024 16:40	9.4	77	11	12.7	0.00
09/04/2024 16:50	9.9	75	11	13.4	0.00
09/04/2024 17:00	8.9	85	11	13.2	0.00
09/04/2024 17:10	7.5	84	11	10.4	0.00
09/04/2024 17:20	6.6	89	11	9.5	0.00
09/04/2024 17:30	6.1	97	13	9.4	0.00
09/04/2024 17:40	6.5	97	12	9.5	0.00
09/04/2024 17:50	6.1	123	16	8.7	0.00
09/04/2024 18:00	5.5	130	15	8.9	0.00
09/04/2024 18:10	5.9	129	16	8.7	0.00
09/04/2024 18:20	5.6	132	17	8.1	0.00
09/04/2024 18:30	4.9	124	14	8.0	0.00
09/04/2024 18:40	4.3	110	12	6.7	0.00
09/04/2024 18:50	4.7	107	14	6.4	0.00
09/04/2024 19:00	4.7	117	14	6.1	0.00
09/04/2024 19:10	5.7	122	14	8.9	0.00
09/04/2024 19:20	6.6	123	12	8.9	0.00
09/04/2024 19:30	5.8	119	15	8.2	0.00
09/04/2024 19:40	5.3	124	13	7.8	0.00
09/04/2024 19:50	5.3	124	15	8.1	0.00
09/04/2024 20:00	6.2	129	16	8.5	0.00
09/04/2024 20:10	6.5	132	17	9.6	0.00
09/04/2024 20:20	6.1	131	15	8.9	0.00
09/04/2024 20:30	5.9	134	15	8.5	0.00
09/04/2024 20:40	5.7	133	15	7.7	0.00
09/04/2024 20:50	5.2	129	15	7.5	0.00
09/04/2024 21:00	4.4	131	15	6.2	0.00
09/04/2024 21:10	4.2	129	15	6.2	0.00
09/04/2024 21:20	4.4	128	17	6.8	0.00
09/04/2024 21:30	4.7	122	13	6.6	0.00
09/04/2024 21:40	4.9	126	14	7.2	0.00
09/04/2024 21:50	4.5	119	14	6.5	0.00
09/04/2024 22:00	5.2	124	15	7.5	0.00
09/04/2024 22:10	4.9	114	14	6.8	0.00
09/04/2024 22:20	6.0	104	11	7.9	0.00
09/04/2024 22:30	7.0	104	10	9.8	0.00
09/04/2024 22:40	6.8	106	12	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 22:50	8.0	100	12	11.9	0.00
09/04/2024 23:00	8.6	104	13	11.7	0.00
09/04/2024 23:10	7.5	100	13	11.4	0.00
09/04/2024 23:20	7.7	102	13	11.6	0.00
09/04/2024 23:30	7.4	99	14	10.3	0.00
09/04/2024 23:40	9.1	86	11	13.1	0.00
09/04/2024 23:50	7.2	96	13	9.9	0.00
10/04/2024 00:00	8.2	94	11	11.5	0.00
10/04/2024 00:10	8.3	103	12	11.9	0.00
10/04/2024 00:20	8.2	108	13	11.5	0.30
10/04/2024 00:30	6.9	119	15	9.5	0.40
10/04/2024 00:40	7.3	128	14	9.9	0.30
10/04/2024 00:50	7.6	132	14	10.5	0.10
10/04/2024 01:00	7.4	127	15	11.1	0.00
10/04/2024 01:10	7.9	131	14	11.9	0.10
10/04/2024 01:20	6.5	122	14	8.8	0.00
10/04/2024 01:30	6.6	122	14	9.9	0.00
10/04/2024 01:40	6.5	124	13	9.5	0.00
10/04/2024 01:50	6.1	120	13	10.3	0.10
10/04/2024 02:00	6.2	113	13	10.1	0.00
10/04/2024 02:10	6.8	107	12	9.8	0.10
10/04/2024 02:20	7.1	107	12	11.1	0.30
10/04/2024 02:30	6.1	109	10	9.4	0.10
10/04/2024 02:40	5.6	120	13	8.6	0.10
10/04/2024 02:50	4.7	117	12	7.1	0.20
10/04/2024 03:00	5.7	114	14	8.7	0.20
10/04/2024 03:10	6.9	114	12	10.3	0.20
10/04/2024 03:20	5.9	114	13	8.3	0.20
10/04/2024 03:30	5.4	117	14	7.7	0.00
10/04/2024 03:40	5.1	121	13	7.9	0.00
10/04/2024 03:50	5.2	121	12	8.2	0.00
10/04/2024 04:00	5.0	125	16	7.2	0.00
10/04/2024 04:10	4.9	121	14	7.1	0.00
10/04/2024 04:20	4.7	106	13	6.8	0.00
10/04/2024 04:30	5.4	105	13	7.5	0.00
10/04/2024 04:40	6.2	110	10	8.8	0.00
10/04/2024 04:50	6.2	104	10	8.7	0.00
10/04/2024 05:00	6.9	106	11	10.3	0.00
10/04/2024 05:10	6.7	109	12	8.9	0.00
10/04/2024 05:20	6.4	115	12	9.3	0.10
10/04/2024 05:30	5.8	109	14	9.1	0.00
10/04/2024 05:40	7.4	109	13	11.9	0.00
10/04/2024 05:50	9.1	92	11	12.8	0.10
10/04/2024 06:00	8.8	95	12	12.0	0.00
10/04/2024 06:10	8.5	97	11	12.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 06:20	9.2	86	11	13.3	0.00
10/04/2024 06:30	9.1	90	12	13.8	0.00
10/04/2024 06:40	9.8	94	11	14.4	0.00
10/04/2024 06:50	10.7	91	13	16.3	0.10
10/04/2024 07:00	9.6	95	15	14.6	0.00
10/04/2024 07:10	9.7	93	13	14.1	0.00
10/04/2024 07:20	10.6	91	12	15.1	0.00
10/04/2024 07:30	9.7	94	15	14.7	0.10
10/04/2024 07:40	10.4	97	11	15.3	0.00
10/04/2024 07:50	10.5	104	12	17.0	0.10
10/04/2024 08:00	10.5	107	13	15.4	0.20
10/04/2024 08:10	11.6	103	11	15.4	0.00
10/04/2024 08:20	11.0	106	10	15.0	0.00
10/04/2024 08:30	11.2	108	12	16.8	0.40
10/04/2024 08:40	11.3	107	11	15.5	0.00
10/04/2024 08:50	11.6	103	10	15.2	0.00
10/04/2024 09:00	12.3	101	11	15.9	0.00
10/04/2024 09:10	10.5	101	11	14.4	0.00
10/04/2024 09:20	10.1	107	11	14.8	0.00
10/04/2024 09:30	10.2	105	11	14.3	0.00
10/04/2024 09:40	10.1	104	11	14.3	0.00
10/04/2024 09:50	9.3	104	13	13.4	0.00
10/04/2024 10:00	9.1	103	12	12.0	0.00
10/04/2024 10:10	9.0	102	13	13.0	0.00
10/04/2024 10:20	9.7	101	12	13.5	0.00
10/04/2024 10:30	8.8	105	11	12.2	0.00
10/04/2024 10:40	8.1	106	12	11.3	0.10
10/04/2024 10:50	9.0	106	12	12.9	0.00
10/04/2024 11:00	9.0	106	11	13.3	0.00
10/04/2024 11:10	9.2	100	11	12.9	0.00
10/04/2024 11:20	9.3	104	11	13.2	0.00
10/04/2024 11:30	9.0	105	11	12.2	0.00
10/04/2024 11:40	9.5	102	11	12.8	0.00
10/04/2024 11:50	9.4	101	11	13.1	0.00
10/04/2024 12:00	9.5	103	10	12.8	0.00
10/04/2024 12:10	8.7	99	11	12.9	0.00
10/04/2024 12:20	8.7	103	12	12.5	0.00
10/04/2024 12:30	8.5	100	12	13.2	0.20
10/04/2024 12:40	9.2	102	11	13.1	0.10
10/04/2024 12:50	8.4	91	12	11.5	0.00
10/04/2024 13:00	8.7	91	11	11.7	0.10
10/04/2024 13:10	9.7	89	11	13.4	0.00
10/04/2024 13:20	9.0	92	12	12.7	0.00
10/04/2024 13:30	8.8	98	13	12.4	0.20
10/04/2024 13:40	7.9	98	11	10.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 13:50	8.4	97	12	12.9	0.20
10/04/2024 14:00	7.9	101	13	12.2	0.00
10/04/2024 14:10	7.6	104	11	11.0	0.20
10/04/2024 14:20	7.3	101	12	10.8	0.00
10/04/2024 14:30	7.4	103	11	10.7	0.00
10/04/2024 14:40	6.6	99	11	8.7	0.20
10/04/2024 14:50	6.8	99	12	9.5	0.00
10/04/2024 15:00	5.2	93	12	7.7	0.10
10/04/2024 15:10	6.7	83	12	9.2	0.10
10/04/2024 15:20	6.2	81	12	9.6	0.10
10/04/2024 15:30	6.9	82	12	10.5	0.10
10/04/2024 15:40	7.4	82	11	9.9	0.20
10/04/2024 15:50	8.4	82	10	11.6	0.00
10/04/2024 16:00	8.1	85	11	10.6	0.20
10/04/2024 16:10	7.9	85	12	11.1	0.10
10/04/2024 16:20	8.4	86	10	12.2	0.00
10/04/2024 16:30	7.8	85	11	11.1	0.00
10/04/2024 16:40	7.7	82	12	11.3	0.00
10/04/2024 16:50	7.4	82	12	10.0	0.00
10/04/2024 17:00	7.8	78	10	11.3	0.00
10/04/2024 17:10	7.1	79	10	10.3	0.00
10/04/2024 17:20	7.6	76	11	10.5	0.00
10/04/2024 17:30	8.4	77	11	11.9	0.00
10/04/2024 17:40	7.5	81	11	10.9	0.00
10/04/2024 17:50	6.8	74	10	9.2	0.00
10/04/2024 18:00	7.4	80	13	11.4	0.00
10/04/2024 18:10	6.7	78	12	9.7	0.00
10/04/2024 18:20	5.7	75	8	7.8	0.00
10/04/2024 18:30	6.6	76	11	8.9	0.10
10/04/2024 18:40	4.8	60	13	6.8	0.30
10/04/2024 18:50	3.9	63	12	6.3	0.50
10/04/2024 19:00	4.4	58	14	6.2	1.00
10/04/2024 19:10	4.5	62	16	7.2	1.00
10/04/2024 19:20	5.2	175	19	7.1	5.60
10/04/2024 19:30	3.7	17	22	6.6	2.30
10/04/2024 19:40	5.0	28	21	7.6	3.70
10/04/2024 19:50	4.4	52	23	7.0	5.60
10/04/2024 20:00	5.5	48	21	8.9	0.80
10/04/2024 20:10	5.3	60	13	7.7	0.00
10/04/2024 20:20	4.1	51	10	6.1	0.30
10/04/2024 20:30	4.6	56	13	6.6	0.10
10/04/2024 20:40	5.3	52	11	7.3	0.00
10/04/2024 20:50	4.5	57	14	6.3	0.00
10/04/2024 21:00	3.9	57	12	5.4	0.00
10/04/2024 21:10	4.2	65	9	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 21:20	3.5	67	10	5.0	0.00
10/04/2024 21:30	3.3	62	9	4.5	0.00
10/04/2024 21:40	3.8	67	10	5.2	0.00
10/04/2024 21:50	4.2	66	10	5.7	0.00
10/04/2024 22:00	3.3	62	12	4.9	0.00
10/04/2024 22:10	3.8	68	10	5.2	0.00
10/04/2024 22:20	4.2	68	11	5.7	0.00
10/04/2024 22:30	3.6	57	11	5.8	0.10
10/04/2024 22:40	4.6	57	12	6.2	0.00
10/04/2024 22:50	4.7	55	12	6.3	0.00
10/04/2024 23:00	5.1	65	11	7.2	0.00
10/04/2024 23:10	6.0	60	13	8.7	0.00
10/04/2024 23:20	6.8	66	11	9.0	0.00
10/04/2024 23:30	6.8	64	12	8.7	0.00
10/04/2024 23:40	6.1	66	10	8.4	0.00
10/04/2024 23:50	4.5	59	11	6.5	0.00
11/04/2024 00:00	7.4	59	12	9.9	0.10
11/04/2024 00:10	6.2	59	11	8.9	0.60
11/04/2024 00:20	5.7	62	10	9.2	0.20
11/04/2024 00:30	5.4	53	12	7.2	0.20
11/04/2024 00:40	3.9	44	10	5.2	0.30
11/04/2024 00:50	3.2	42	12	4.4	0.30
11/04/2024 01:00	3.0	50	11	4.4	0.30
11/04/2024 01:10	2.5	51	12	3.6	0.20
11/04/2024 01:20	1.7	28	16	2.8	0.20
11/04/2024 01:30	2.4	28	17	5.0	0.00
11/04/2024 01:40	4.4	47	12	6.3	0.00
11/04/2024 01:50	4.0	51	12	5.7	0.00
11/04/2024 02:00	3.3	14	19	5.5	0.00
11/04/2024 02:10	3.1	16	19	5.0	0.00
11/04/2024 02:20	3.2	17	18	4.8	0.00
11/04/2024 02:30	3.6	7	16	5.8	0.00
11/04/2024 02:40	3.6	14	16	4.8	0.00
11/04/2024 02:50	3.5	10	15	5.2	0.00
11/04/2024 03:00	3.3	16	15	5.0	0.00
11/04/2024 03:10	3.2	19	21	5.2	0.00
11/04/2024 03:20	3.4	12	14	5.3	0.00
11/04/2024 03:30	3.4	11	17	5.2	0.00
11/04/2024 03:40	3.2	11	19	5.0	0.00
11/04/2024 03:50	2.4	35	22	4.0	0.00
11/04/2024 04:00	2.6	91	13	4.0	0.00
11/04/2024 04:10	2.9	93	15	4.2	0.00
11/04/2024 04:20	2.7	76	16	4.0	0.00
11/04/2024 04:30	2.7	64	15	4.2	0.00
11/04/2024 04:40	2.3	41	14	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 04:50	2.2	66	17	3.6	0.00
11/04/2024 05:00	1.1	55	31	3.1	0.00
11/04/2024 05:10	3.4	85	8	4.8	0.00
11/04/2024 05:20	3.1	85	10	4.0	0.00
11/04/2024 05:30	3.0	83	10	4.6	0.00
11/04/2024 05:40	3.5	84	10	4.9	0.00
11/04/2024 05:50	3.0	87	9	4.0	0.00
11/04/2024 06:00	3.3	74	11	4.4	0.00
11/04/2024 06:10	2.9	75	10	3.9	0.00
11/04/2024 06:20	3.3	80	9	4.2	0.00
11/04/2024 06:30	3.4	75	9	4.5	0.10
11/04/2024 06:40	2.9	87	10	4.0	0.00
11/04/2024 06:50	3.2	82	9	4.3	0.00
11/04/2024 07:00	2.9	76	9	4.0	0.00
11/04/2024 07:10	3.1	78	10	4.1	0.00
11/04/2024 07:20	3.3	76	10	4.6	0.00
11/04/2024 07:30	4.1	80	10	6.1	0.00
11/04/2024 07:40	4.1	79	10	6.3	0.00
11/04/2024 07:50	4.6	77	10	6.4	0.00
11/04/2024 08:00	4.9	85	11	6.6	0.00
11/04/2024 08:10	4.8	80	9	6.3	0.00
11/04/2024 08:20	4.9	83	12	6.6	0.00
11/04/2024 08:30	4.9	83	13	6.7	0.00
11/04/2024 08:40	4.9	84	10	6.8	0.00
11/04/2024 08:50	5.3	86	11	6.5	0.00
11/04/2024 09:00	5.0	85	11	6.7	0.00
11/04/2024 09:10	5.5	76	9	7.5	0.00
11/04/2024 09:20	5.4	80	11	7.1	0.00
11/04/2024 09:30	5.2	83	10	6.9	0.00
11/04/2024 09:40	5.1	83	11	6.9	0.00
11/04/2024 09:50	4.7	87	10	6.6	0.00
11/04/2024 10:00	4.9	82	11	6.4	0.00
11/04/2024 10:10	4.7	85	13	6.3	0.00
11/04/2024 10:20	4.6	97	11	6.2	0.00
11/04/2024 10:30	4.5	101	13	6.3	0.00
11/04/2024 10:40	4.4	90	12	6.1	0.20
11/04/2024 10:50	4.5	101	12	5.6	0.00
11/04/2024 11:00	4.5	107	11	6.0	0.00
11/04/2024 11:10	4.4	101	12	6.0	0.00
11/04/2024 11:20	4.0	105	15	5.6	0.00
11/04/2024 11:30	4.3	102	10	5.7	0.00
11/04/2024 11:40	4.5	93	14	6.3	0.10
11/04/2024 11:50	5.5	88	10	7.3	0.10
11/04/2024 12:00	5.2	84	9	7.5	0.00
11/04/2024 12:10	5.0	82	10	7.1	0.20



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 12:20	5.7	75	9	7.5	0.20
11/04/2024 12:30	4.1	86	13	5.2	0.40
11/04/2024 12:40	3.8	98	11	4.8	0.00
11/04/2024 12:50	3.7	100	10	4.7	0.00
11/04/2024 13:00	3.2	108	11	4.3	0.00
11/04/2024 13:10	3.6	107	12	5.2	0.00
11/04/2024 13:20	3.9	94	12	5.2	0.00
11/04/2024 13:30	4.2	87	11	5.8	0.00
11/04/2024 13:40	4.2	80	11	5.9	0.00
11/04/2024 13:50	4.5	83	11	6.1	0.00
11/04/2024 14:00	4.8	85	12	6.4	0.00
11/04/2024 14:10	4.4	82	13	6.2	0.00
11/04/2024 14:20	4.3	77	12	6.0	0.00
11/04/2024 14:30	4.0	87	12	5.1	0.00
11/04/2024 14:40	4.3	82	11	6.0	0.00
11/04/2024 14:50	4.2	81	11	5.7	0.00
11/04/2024 15:00	3.4	83	11	4.6	0.10
11/04/2024 15:10	3.1	83	11	4.3	0.00
11/04/2024 15:20	3.0	82	13	4.3	0.00
11/04/2024 15:30	3.6	85	12	4.6	0.00
11/04/2024 15:40	4.2	79	9	6.0	0.00
11/04/2024 15:50	4.2	74	10	5.5	0.00
11/04/2024 16:00	3.9	74	10	5.2	0.00
11/04/2024 16:10	2.8	63	14	3.7	0.00
11/04/2024 16:20	2.3	66	14	3.8	0.10
11/04/2024 16:30	2.3	169	29	4.0	0.10
11/04/2024 16:40	3.7	292	27	5.6	1.70
11/04/2024 16:50	0.6	233	17	1.6	0.30
11/04/2024 17:00	0.7	210	44	1.4	0.10
11/04/2024 17:10	1.0	90	20	1.5	0.00
11/04/2024 17:20					0.00
11/04/2024 17:30	0.0	220	4	0.4	0.00
11/04/2024 17:40	0.3	167	11	0.8	0.10
11/04/2024 17:50	0.1	147	20	0.8	0.00
11/04/2024 18:00	0.5	250	9	1.0	0.00
11/04/2024 18:10	0.2	152	11	0.9	0.00
11/04/2024 18:20	1.6	72	7	2.1	0.00
11/04/2024 18:30	1.9	77	7	2.3	0.00
11/04/2024 18:40	1.8	69	12	2.4	0.00
11/04/2024 18:50	1.5	56	9	1.9	0.00
11/04/2024 19:00	1.4	57	9	1.9	0.00
11/04/2024 19:10	1.4	52	9	1.9	0.00
11/04/2024 19:20	1.4	58	31	2.2	0.00
11/04/2024 19:30	1.4	75	14	2.3	0.00
11/04/2024 19:40	1.1	44	10	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 19:50	1.8	51	11	2.6	0.00
11/04/2024 20:00	2.3	59	10	3.5	0.00
11/04/2024 20:10	1.8	59	9	2.3	0.00
11/04/2024 20:20	2.1	58	11	3.3	0.00
11/04/2024 20:30	2.6	60	10	3.4	0.00
11/04/2024 20:40	2.4	61	8	3.4	0.00
11/04/2024 20:50	3.5	59	12	5.4	0.00
11/04/2024 21:00	3.1	48	11	4.4	0.00
11/04/2024 21:10	2.2	24	18	3.2	0.00
11/04/2024 21:20	2.4	29	14	3.6	0.00
11/04/2024 21:30	2.5	33	17	3.7	0.00
11/04/2024 21:40	2.3	38	11	3.3	0.00
11/04/2024 21:50	1.9	40	10	2.6	0.00
11/04/2024 22:00	1.9	38	11	2.4	0.00
11/04/2024 22:10	2.0	37	12	2.6	0.00
11/04/2024 22:20	1.8	27	11	3.1	0.00
11/04/2024 22:30	1.9	38	17	2.8	0.00
11/04/2024 22:40	2.4	21	18	3.5	0.00
11/04/2024 22:50	2.6	25	14	3.6	0.00
11/04/2024 23:00	2.4	32	14	3.2	0.00
11/04/2024 23:10	2.4	44	12	3.4	0.00
11/04/2024 23:20	2.0	41	10	2.7	0.00
11/04/2024 23:30	2.1	54	8	2.8	0.00
11/04/2024 23:40	2.2	55	9	2.8	0.00
11/04/2024 23:50	2.2	43	10	2.8	0.00
12/04/2024 00:00	2.4	49	12	3.1	0.00
12/04/2024 00:10	2.0	53	10	2.7	0.00
12/04/2024 00:20	2.0	47	11	2.8	0.00
12/04/2024 00:30	2.2	56	10	2.7	0.00
12/04/2024 00:40	2.5	45	14	3.3	0.00
12/04/2024 00:50	2.3	25	22	3.4	0.00
12/04/2024 01:00	2.8	19	17	4.4	0.00
12/04/2024 01:10	2.7	180	23	4.4	0.00
12/04/2024 01:20	2.9	16	18	4.4	0.00
12/04/2024 01:30	2.7	180	25	4.9	0.00
12/04/2024 01:40	2.5	343	22	4.8	0.00
12/04/2024 01:50	2.8	346	28	4.9	0.00
12/04/2024 02:00	2.4	323	27	3.6	0.00
12/04/2024 02:10	1.3	340	28	3.0	0.00
12/04/2024 02:20	1.7	356	31	3.6	0.00
12/04/2024 02:30	1.9	181	23	3.3	0.00
12/04/2024 02:40	1.9	356	26	3.4	0.00
12/04/2024 02:50	1.9	9	32	3.2	0.00
12/04/2024 03:00	2.4	31	22	4.3	0.00
12/04/2024 03:10	2.2	34	29	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 03:20	2.0	41	17	3.1	0.00
12/04/2024 03:30	1.9	60	13	2.9	0.00
12/04/2024 03:40	1.6	96	18	2.2	0.00
12/04/2024 03:50	0.5	147	11	1.2	0.00
12/04/2024 04:00					0.00
12/04/2024 04:10					0.00
12/04/2024 04:20	0.3	332	5	1.1	0.00
12/04/2024 04:30					0.00
12/04/2024 04:40	0.4	59	40	1.1	0.00
12/04/2024 04:50	0.3	271	6	1.2	0.00
12/04/2024 05:00	0.3	307	20	0.8	0.00
12/04/2024 05:10	0.5	148	14	1.2	0.00
12/04/2024 05:20	0.8	118	10	1.7	0.00
12/04/2024 05:30	1.3	318	17	2.0	0.00
12/04/2024 05:40	0.4	208	6	1.2	0.00
12/04/2024 05:50	2.0	111	9	2.7	0.00
12/04/2024 06:00	0.6	114	16	1.6	0.00
12/04/2024 06:10	0.5	147	22	1.4	0.00
12/04/2024 06:20					0.00
12/04/2024 06:30	0.9	98	12	1.2	0.00
12/04/2024 06:40	1.2	129	15	1.9	0.00
12/04/2024 06:50	0.1	164	12	0.8	0.00
12/04/2024 07:00	1.6	108	16	2.5	0.00
12/04/2024 07:10	2.6	104	13	3.7	0.00
12/04/2024 07:20	1.8	119	16	2.6	0.00
12/04/2024 07:30	2.0	112	14	2.8	0.00
12/04/2024 07:40	2.1	116	13	3.2	0.00
12/04/2024 07:50	2.1	114	15	3.1	0.00
12/04/2024 08:00	2.6	95	13	3.6	0.00
12/04/2024 08:10	3.3	90	10	4.6	0.00
12/04/2024 08:20	3.3	91	12	4.4	0.00
12/04/2024 08:30	2.9	92	12	4.0	0.00
12/04/2024 08:40	3.1	97	13	4.4	0.00
12/04/2024 08:50	3.6	97	10	4.6	0.00
12/04/2024 09:00	3.4	91	10	4.4	0.00
12/04/2024 09:10	3.2	91	12	4.2	0.00
12/04/2024 09:20	3.3	101	14	4.6	0.00
12/04/2024 09:30	3.5	104	14	4.6	0.00
12/04/2024 09:40	3.3	97	12	4.3	0.00
12/04/2024 09:50	3.0	96	13	4.1	0.00
12/04/2024 10:00	3.2	98	11	4.4	0.00
12/04/2024 10:10	2.9	92	13	4.4	0.00
12/04/2024 10:20	3.0	96	12	4.4	0.00
12/04/2024 10:30	3.2	93	13	4.4	0.00
12/04/2024 10:40	2.9	96	12	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 10:50	2.8	93	13	4.0	0.00
12/04/2024 11:00	2.7	87	14	3.8	0.00
12/04/2024 11:10	2.8	105	15	4.1	0.00
12/04/2024 11:20	2.6	111	16	3.8	0.00
12/04/2024 11:30	2.3	100	17	3.7	0.00
12/04/2024 11:40	2.1	99	19	3.2	0.00
12/04/2024 11:50	1.5	75	27	2.5	0.00
12/04/2024 12:00	1.5	108	48	2.6	0.00
12/04/2024 12:10	1.0	180	38	1.9	0.00
12/04/2024 12:20	1.4	192	58	2.7	0.00
12/04/2024 12:30	1.2	292	65	2.4	0.00
12/04/2024 12:40	1.3	203	32	2.4	0.00
12/04/2024 12:50	1.2	206	24	2.0	0.00
12/04/2024 13:00	0.9	186	41	2.0	0.00
12/04/2024 13:10	1.7	160	45	2.9	0.00
12/04/2024 13:20	2.1	347	24	3.2	0.00
12/04/2024 13:30	2.4	356	36	4.0	0.00
12/04/2024 13:40	2.6	9	28	4.1	0.00
12/04/2024 13:50	2.3	356	28	4.1	0.00
12/04/2024 14:00	2.4	182	27	4.3	0.00
12/04/2024 14:10	2.5	13	27	4.1	0.00
12/04/2024 14:20	2.2	175	38	4.0	0.00
12/04/2024 14:30	2.7	169	31	4.0	0.00
12/04/2024 14:40	2.8	12	25	4.1	0.00
12/04/2024 14:50	3.1	17	31	4.9	0.00
12/04/2024 15:00	2.9	18	19	4.5	0.00
12/04/2024 15:10	2.6	12	23	4.2	0.00
12/04/2024 15:20	2.9	182	23	4.9	0.00
12/04/2024 15:30	2.3	180	35	4.0	0.00
12/04/2024 15:40	2.6	350	33	4.3	0.00
12/04/2024 15:50	2.4	13	33	4.2	0.00
12/04/2024 16:00	2.9	13	21	4.6	0.00
12/04/2024 16:10	2.1	26	24	3.6	0.00
12/04/2024 16:20	2.5	27	25	4.0	0.00
12/04/2024 16:30	2.5	19	17	3.7	0.00
12/04/2024 16:40	2.4	6	19	3.3	0.00
12/04/2024 16:50	2.5	184	23	3.6	0.00
12/04/2024 17:00	2.5	16	20	3.6	0.00
12/04/2024 17:10	2.3	180	17	3.5	0.00
12/04/2024 17:20	1.8	19	17	2.8	0.00
12/04/2024 17:30	1.6	190	21	2.7	0.00
12/04/2024 17:40	2.2	19	14	2.8	0.00
12/04/2024 17:50	2.4	25	15	3.4	0.00
12/04/2024 18:00	2.3	16	16	3.2	0.00
12/04/2024 18:10	2.2	17	16	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 18:20	2.1	21	15	2.9	0.00
12/04/2024 18:30	2.1	18	17	3.0	0.00
12/04/2024 18:40	2.3	17	17	3.3	0.00
12/04/2024 18:50	2.3	24	16	3.2	0.00
12/04/2024 19:00	2.5	29	16	3.6	0.00
12/04/2024 19:10	2.5	33	14	3.4	0.00
12/04/2024 19:20	2.8	28	17	3.8	0.00
12/04/2024 19:30	1.8	176	37	3.1	0.00
12/04/2024 19:40	2.2	181	22	3.5	0.00
12/04/2024 19:50	1.8	337	30	2.8	0.00
12/04/2024 20:00	1.5	177	32	2.9	0.00
12/04/2024 20:10	0.4	277	23	1.2	0.00
12/04/2024 20:20	1.9	313	24	3.5	0.00
12/04/2024 20:30	2.8	311	15	4.3	0.00
12/04/2024 20:40	2.8	312	16	3.8	0.00
12/04/2024 20:50	2.6	312	13	3.8	0.00
12/04/2024 21:00	2.4	306	14	3.6	0.00
12/04/2024 21:10	2.4	306	17	3.7	0.00
12/04/2024 21:20	2.3	298	14	3.6	0.00
12/04/2024 21:30	1.9	298	18	3.0	0.00
12/04/2024 21:40	1.5	290	21	2.6	0.00
12/04/2024 21:50	1.8	293	15	3.0	0.00
12/04/2024 22:00	2.2	291	14	3.2	0.00
12/04/2024 22:10	2.2	275	15	3.1	0.00
12/04/2024 22:20	2.1	268	14	3.1	0.00
12/04/2024 22:30	1.7	275	15	2.4	0.00
12/04/2024 22:40	1.8	274	18	2.8	0.00
12/04/2024 22:50	2.2	264	13	2.8	0.00
12/04/2024 23:00	2.2	263	12	3.1	0.00
12/04/2024 23:10	2.2	262	10	2.9	0.00
12/04/2024 23:20	2.6	260	8	3.2	0.00
12/04/2024 23:30	2.4	262	11	3.0	0.00
12/04/2024 23:40	2.4	260	10	3.0	0.00
12/04/2024 23:50	2.4	259	7	3.0	0.00
13/04/2024 00:00	2.3	257	8	3.1	0.00
13/04/2024 00:10	2.2	253	8	2.8	0.00
13/04/2024 00:20	1.1	161	41	2.0	0.00
13/04/2024 00:30	0.1	20	1	0.8	0.00
13/04/2024 00:40					0.00
13/04/2024 00:50					0.00
13/04/2024 01:00					0.00
13/04/2024 01:10	0.1	97	6	0.8	0.00
13/04/2024 01:20					0.00
13/04/2024 01:30	0.1	286	3	0.8	0.00
13/04/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 01:50	0.3	286	6	0.8	0.00
13/04/2024 02:00					0.00
13/04/2024 02:10					0.00
13/04/2024 02:20					0.00
13/04/2024 02:30					0.00
13/04/2024 02:40	0.5	315	15	1.2	0.00
13/04/2024 02:50	0.3	342	8	0.9	0.00
13/04/2024 03:00					0.00
13/04/2024 03:10					0.00
13/04/2024 03:20					0.00
13/04/2024 03:30					0.00
13/04/2024 03:40	0.4	102	9	1.2	0.00
13/04/2024 03:50					0.00
13/04/2024 04:00					0.00
13/04/2024 04:10					0.00
13/04/2024 04:20					0.00
13/04/2024 04:30					0.00
13/04/2024 04:40	0.1	290	2	0.6	0.00
13/04/2024 04:50	0.1	214	4	0.7	0.00
13/04/2024 05:00					0.00
13/04/2024 05:10					0.00
13/04/2024 05:20					0.00
13/04/2024 05:30					0.00
13/04/2024 05:40					0.00
13/04/2024 05:50	0.1	185	4	0.6	0.00
13/04/2024 06:00					0.00
13/04/2024 06:10	0.4	90	11	0.9	0.00
13/04/2024 06:20	1.1	127	15	1.6	0.00
13/04/2024 06:30	1.2	120	11	1.7	0.00
13/04/2024 06:40	0.7	110	22	1.4	0.00
13/04/2024 06:50	1.1	128	16	2.0	0.00
13/04/2024 07:00	1.8	127	15	2.7	0.00
13/04/2024 07:10	2.3	133	16	2.9	0.00
13/04/2024 07:20	2.3	127	16	3.2	0.00
13/04/2024 07:30	2.2	131	17	3.4	0.00
13/04/2024 07:40	2.7	125	15	3.8	0.00
13/04/2024 07:50	3.0	127	15	4.0	0.00
13/04/2024 08:00	3.1	129	14	4.4	0.00
13/04/2024 08:10	2.8	132	16	4.0	0.00
13/04/2024 08:20	2.7	131	14	3.9	0.00
13/04/2024 08:30	2.5	127	17	3.6	0.00
13/04/2024 08:40	2.6	130	18	3.7	0.00
13/04/2024 08:50	2.6	127	16	3.6	0.00
13/04/2024 09:00	2.5	132	20	4.0	0.00
13/04/2024 09:10	2.6	129	20	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 09:20	1.7	126	57	3.1	0.00
13/04/2024 09:30	1.8	139	42	3.2	0.00
13/04/2024 09:40	1.2	149	78	2.0	0.00
13/04/2024 09:50	1.7	204	55	3.0	0.00
13/04/2024 10:00	1.8	139	44	3.1	0.00
13/04/2024 10:10	1.1	226	87	1.8	0.00
13/04/2024 10:20	1.5	177	80	3.0	0.00
13/04/2024 10:30	1.6	232	65	3.0	0.00
13/04/2024 10:40	1.4	194	57	2.9	0.00
13/04/2024 10:50	1.6	190	49	3.2	0.00
13/04/2024 11:00	1.8	198	61	3.3	0.00
13/04/2024 11:10	1.6	247	83	3.3	0.00
13/04/2024 11:20	1.3	163	72	2.6	0.00
13/04/2024 11:30	0.8	141	68	2.3	0.00
13/04/2024 11:40	0.9	232	57	1.8	0.00
13/04/2024 11:50	2.5	319	33	4.1	0.00
13/04/2024 12:00	2.3	312	28	3.7	0.00
13/04/2024 12:10	2.9	297	17	4.3	0.00
13/04/2024 12:20	2.4	295	18	3.6	0.00
13/04/2024 12:30	2.6	303	21	3.7	0.00
13/04/2024 12:40	3.0	302	17	4.3	0.00
13/04/2024 12:50	3.0	290	20	4.2	0.00
13/04/2024 13:00	3.4	312	13	4.8	0.00
13/04/2024 13:10	3.5	297	12	4.8	0.00
13/04/2024 13:20	3.1	299	16	4.1	0.00
13/04/2024 13:30	3.3	293	13	4.4	0.00
13/04/2024 13:40	3.5	271	19	4.8	0.00
13/04/2024 13:50	3.4	290	14	5.1	0.00
13/04/2024 14:00	3.6	288	16	4.8	0.00
13/04/2024 14:10	3.3	282	17	4.7	0.00
13/04/2024 14:20	3.5	276	18	5.0	0.00
13/04/2024 14:30	3.4	304	16	5.0	0.00
13/04/2024 14:40	3.3	305	18	4.8	0.00
13/04/2024 14:50	3.4	304	16	4.9	0.00
13/04/2024 15:00	3.4	305	18	5.1	0.00
13/04/2024 15:10	3.3	298	18	4.6	0.00
13/04/2024 15:20	3.7	302	15	5.4	0.00
13/04/2024 15:30	3.2	300	17	4.8	0.00
13/04/2024 15:40	3.3	308	15	5.3	0.00
13/04/2024 15:50	3.4	309	12	4.6	0.00
13/04/2024 16:00	3.2	292	16	4.8	0.00
13/04/2024 16:10	3.0	308	16	4.7	0.00
13/04/2024 16:20	3.6	301	16	4.8	0.00
13/04/2024 16:30	3.4	301	13	4.8	0.00
13/04/2024 16:40	3.3	301	16	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 16:50	3.0	286	15	4.5	0.00
13/04/2024 17:00	3.4	288	16	4.5	0.00
13/04/2024 17:10	3.4	294	14	4.5	0.00
13/04/2024 17:20	3.4	290	15	4.4	0.00
13/04/2024 17:30	2.8	291	14	4.1	0.00
13/04/2024 17:40	3.1	291	14	4.5	0.00
13/04/2024 17:50	3.1	297	15	4.4	0.00
13/04/2024 18:00	3.5	297	14	5.1	0.00
13/04/2024 18:10	3.3	304	16	4.8	0.00
13/04/2024 18:20	3.0	300	16	4.3	0.00
13/04/2024 18:30	2.6	303	13	4.0	0.00
13/04/2024 18:40	3.4	298	12	5.0	0.00
13/04/2024 18:50	3.0	302	15	4.4	0.00
13/04/2024 19:00	2.3	286	19	3.6	0.00
13/04/2024 19:10	2.1	282	19	3.2	0.00
13/04/2024 19:20	1.8	288	24	2.8	0.00
13/04/2024 19:30	1.9	278	21	3.0	0.00
13/04/2024 19:40	2.1	276	22	3.7	0.00
13/04/2024 19:50	2.7	264	13	3.6	0.00
13/04/2024 20:00	2.7	265	12	3.8	0.00
13/04/2024 20:10	3.1	263	12	3.9	0.00
13/04/2024 20:20	2.9	262	10	3.6	0.00
13/04/2024 20:30	3.0	262	11	4.0	0.00
13/04/2024 20:40	3.2	261	9	4.2	0.00
13/04/2024 20:50	3.4	259	8	4.1	0.00
13/04/2024 21:00	3.2	257	8	4.2	0.00
13/04/2024 21:10	3.2	259	7	4.1	0.00
13/04/2024 21:20	3.1	257	8	4.0	0.00
13/04/2024 21:30	3.2	255	9	4.3	0.00
13/04/2024 21:40	3.3	253	8	4.4	0.00
13/04/2024 21:50	3.5	256	10	4.7	0.00
13/04/2024 22:00	3.7	257	10	4.9	0.00
13/04/2024 22:10	3.6	260	8	4.6	0.00
13/04/2024 22:20	3.6	256	10	4.4	0.00
13/04/2024 22:30	3.4	255	10	4.6	0.00
13/04/2024 22:40	3.2	260	10	4.2	0.00
13/04/2024 22:50	3.3	257	10	4.5	0.00
13/04/2024 23:00	3.3	258	10	4.2	0.00
13/04/2024 23:10	3.4	258	10	4.5	0.00
13/04/2024 23:20	3.6	254	11	4.8	0.00
13/04/2024 23:30	2.8	255	12	4.0	0.00
13/04/2024 23:40	3.5	251	11	4.7	0.00
13/04/2024 23:50	3.2	256	10	4.4	0.00
14/04/2024 00:00	3.6	253	10	4.7	0.00
14/04/2024 00:10	3.3	251	12	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 00:20	3.7	254	10	4.8	0.00
14/04/2024 00:30	3.1	252	11	4.4	0.00
14/04/2024 00:40	3.1	251	11	4.4	0.00
14/04/2024 00:50	3.0	247	11	4.1	0.00
14/04/2024 01:00	3.3	253	10	4.4	0.00
14/04/2024 01:10	3.2	253	12	4.1	0.00
14/04/2024 01:20	3.0	251	12	4.3	0.00
14/04/2024 01:30	2.6	251	10	4.0	0.00
14/04/2024 01:40	2.7	248	11	3.7	0.00
14/04/2024 01:50	2.4	247	12	3.4	0.00
14/04/2024 02:00	2.2	237	14	3.3	0.00
14/04/2024 02:10	1.7	238	13	2.5	0.00
14/04/2024 02:20	1.3	230	17	2.0	0.00
14/04/2024 02:30	2.1	232	13	2.9	0.00
14/04/2024 02:40	2.1	232	12	2.8	0.00
14/04/2024 02:50	2.2	231	12	3.4	0.00
14/04/2024 03:00	1.9	237	12	2.4	0.00
14/04/2024 03:10	2.1	234	12	2.8	0.00
14/04/2024 03:20	2.3	233	14	3.3	0.00
14/04/2024 03:30	2.4	229	11	3.6	0.00
14/04/2024 03:40	2.6	230	12	3.6	0.00
14/04/2024 03:50	2.6	229	15	3.6	0.00
14/04/2024 04:00	2.2	228	15	3.4	0.00
14/04/2024 04:10	2.3	232	12	3.2	0.00
14/04/2024 04:20	2.0	236	11	2.6	0.00
14/04/2024 04:30	1.9	233	13	2.5	0.00
14/04/2024 04:40	1.7	230	15	2.2	0.00
14/04/2024 04:50	1.6	230	14	2.4	0.00
14/04/2024 05:00	1.6	243	11	2.2	0.00
14/04/2024 05:10	1.6	244	12	2.2	0.00
14/04/2024 05:20	1.5	243	11	2.0	0.00
14/04/2024 05:30	1.4	236	12	2.0	0.00
14/04/2024 05:40	1.4	242	9	2.0	0.00
14/04/2024 05:50	1.1	241	12	1.5	0.00
14/04/2024 06:00	0.7	235	16	1.3	0.00
14/04/2024 06:10	0.6	254	8	1.2	0.00
14/04/2024 06:20	0.3	236	10	0.9	0.00
14/04/2024 06:30	0.0	248	2	0.4	0.00
14/04/2024 06:40					0.00
14/04/2024 06:50					0.00
14/04/2024 07:00					0.00
14/04/2024 07:10	0.5	237	11	1.7	0.00
14/04/2024 07:20	1.2	232	12	1.7	0.00
14/04/2024 07:30	1.3	232	16	1.9	0.00
14/04/2024 07:40	1.7	222	15	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 07:50	1.9	225	15	2.6	0.00
14/04/2024 08:00	2.0	227	16	2.6	0.00
14/04/2024 08:10	1.9	237	15	2.4	0.00
14/04/2024 08:20	1.5	226	29	2.3	0.00
14/04/2024 08:30	2.0	250	13	2.6	0.00
14/04/2024 08:40	1.1	228	23	2.1	0.00
14/04/2024 08:50	2.0	236	22	2.8	0.00
14/04/2024 09:00	1.7	221	24	2.4	0.00
14/04/2024 09:10	1.5	228	22	2.5	0.00
14/04/2024 09:20	1.4	260	34	2.7	0.00
14/04/2024 09:30	1.4	257	24	2.5	0.00
14/04/2024 09:40	0.8	208	45	1.8	0.00
14/04/2024 09:50	1.5	243	25	2.4	0.00
14/04/2024 10:00	2.1	282	27	3.2	0.00
14/04/2024 10:10	2.4	308	16	3.4	0.00
14/04/2024 10:20	2.8	308	15	3.9	0.00
14/04/2024 10:30	2.9	305	14	4.1	0.00
14/04/2024 10:40	2.5	299	18	3.7	0.00
14/04/2024 10:50	2.6	309	18	3.7	0.00
14/04/2024 11:00	2.1	325	36	3.2	0.00
14/04/2024 11:10	2.0	176	28	3.1	0.00
14/04/2024 11:20	2.0	334	32	3.3	0.00
14/04/2024 11:30	2.5	310	26	4.0	0.00
14/04/2024 11:40	3.4	295	15	4.8	0.00
14/04/2024 11:50	2.7	301	26	4.2	0.00
14/04/2024 12:00	2.0	322	38	4.0	0.00
14/04/2024 12:10	2.2	313	32	4.0	0.00
14/04/2024 12:20	3.2	288	18	4.8	0.00
14/04/2024 12:30	2.7	293	22	4.3	0.00
14/04/2024 12:40	2.1	340	51	3.4	0.00
14/04/2024 12:50	2.3	11	25	4.0	0.00
14/04/2024 13:00	2.7	174	26	4.4	0.00
14/04/2024 13:10	2.7	173	27	4.2	0.00
14/04/2024 13:20	2.8	177	25	4.4	0.00
14/04/2024 13:30	2.9	355	27	4.4	0.00
14/04/2024 13:40	2.7	4	28	4.5	0.00
14/04/2024 13:50	3.0	353	29	4.8	0.00
14/04/2024 14:00	2.7	181	23	4.9	0.00
14/04/2024 14:10	3.0	8	24	4.7	0.00
14/04/2024 14:20	2.8	355	27	4.4	0.00
14/04/2024 14:30	2.9	184	25	4.3	0.00
14/04/2024 14:40	3.1	13	18	4.8	0.00
14/04/2024 14:50	3.0	18	20	4.8	0.00
14/04/2024 15:00	3.3	12	21	4.9	0.00
14/04/2024 15:10	2.6	5	25	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 15:20	2.6	181	37	4.1	0.00
14/04/2024 15:30	2.2	349	36	4.5	0.00
14/04/2024 15:40	2.4	164	36	4.5	0.00
14/04/2024 15:50	3.7	304	15	5.0	0.00
14/04/2024 16:00	3.9	308	18	6.0	0.00
14/04/2024 16:10	3.9	302	16	6.0	0.00
14/04/2024 16:20	3.4	300	17	4.8	0.00
14/04/2024 16:30	3.6	294	18	5.6	0.00
14/04/2024 16:40	3.8	299	12	5.5	0.00
14/04/2024 16:50	4.0	295	16	5.7	0.00
14/04/2024 17:00	4.1	297	14	5.6	0.00
14/04/2024 17:10	3.9	299	14	5.6	0.00
14/04/2024 17:20	3.9	297	13	5.2	0.00
14/04/2024 17:30	4.0	292	12	5.2	0.00
14/04/2024 17:40	4.2	295	10	5.4	0.00
14/04/2024 17:50	3.6	298	12	4.9	0.00
14/04/2024 18:00	3.1	302	15	4.4	0.00
14/04/2024 18:10	3.5	291	13	4.7	0.00
14/04/2024 18:20	3.2	293	14	4.2	0.00
14/04/2024 18:30	3.2	280	15	4.4	0.00
14/04/2024 18:40	3.3	284	14	4.8	0.00
14/04/2024 18:50	3.3	287	14	5.0	0.00
14/04/2024 19:00	3.0	284	17	4.6	0.00
14/04/2024 19:10	2.7	285	17	4.2	0.00
14/04/2024 19:20	2.8	289	16	4.2	0.00
14/04/2024 19:30	3.0	284	17	4.2	0.00
14/04/2024 19:40	3.1	290	12	4.5	0.00
14/04/2024 19:50	2.7	282	18	4.0	0.00
14/04/2024 20:00	2.9	284	16	4.2	0.00
14/04/2024 20:10	2.6	282	15	3.9	0.00
14/04/2024 20:20	2.7	278	14	3.8	0.00
14/04/2024 20:30	2.4	276	17	3.4	0.00
14/04/2024 20:40	2.6	276	14	3.6	0.00
14/04/2024 20:50	2.4	265	13	3.3	0.00
14/04/2024 21:00	2.7	271	14	3.6	0.00
14/04/2024 21:10	2.4	270	15	3.4	0.00
14/04/2024 21:20	2.4	270	16	3.3	0.00
14/04/2024 21:30	2.4	265	14	3.0	0.00
14/04/2024 21:40	2.4	265	13	3.2	0.00
14/04/2024 21:50	2.2	267	13	3.0	0.00
14/04/2024 22:00	2.2	265	12	2.6	0.00
14/04/2024 22:10	2.1	263	12	2.8	0.00
14/04/2024 22:20	2.3	274	16	3.2	0.00
14/04/2024 22:30	2.1	263	13	2.9	0.00
14/04/2024 22:40	2.1	269	14	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 22:50	2.2	266	13	2.8	0.00
14/04/2024 23:00	2.5	267	14	3.2	0.00
14/04/2024 23:10	2.4	266	11	3.2	0.00
14/04/2024 23:20	2.4	265	13	3.3	0.00
14/04/2024 23:30	2.6	266	14	3.5	0.00
14/04/2024 23:40	2.5	269	15	3.4	0.00
14/04/2024 23:50	2.5	273	15	3.5	0.00
15/04/2024 00:00	2.8	273	15	3.9	0.00
15/04/2024 00:10	2.6	264	13	3.7	0.00
15/04/2024 00:20	2.7	267	13	3.9	0.00
15/04/2024 00:30	3.3	262	10	4.4	0.00
15/04/2024 00:40	3.0	264	11	4.3	0.00
15/04/2024 00:50	3.2	261	10	4.5	0.00
15/04/2024 01:00	3.2	261	11	4.4	0.00
15/04/2024 01:10	3.0	259	10	3.8	0.00
15/04/2024 01:20	2.8	259	9	3.7	0.00
15/04/2024 01:30	2.8	257	9	3.5	0.00
15/04/2024 01:40	2.8	260	10	3.9	0.00
15/04/2024 01:50	2.7	258	10	3.4	0.00
15/04/2024 02:00	2.8	256	9	3.3	0.00
15/04/2024 02:10	2.6	257	9	3.3	0.00
15/04/2024 02:20	2.7	259	9	3.5	0.00
15/04/2024 02:30	2.6	259	9	3.3	0.00
15/04/2024 02:40	2.7	261	9	3.3	0.00
15/04/2024 02:50	2.5	261	9	3.2	0.00
15/04/2024 03:00	2.7	259	8	3.4	0.00
15/04/2024 03:10	2.5	259	8	3.3	0.00
15/04/2024 03:20	2.7	259	8	3.4	0.00
15/04/2024 03:30	3.0	259	8	3.8	0.00
15/04/2024 03:40	2.5	266	12	3.6	0.00
15/04/2024 03:50	2.3	264	12	3.2	0.00
15/04/2024 04:00	2.2	263	11	3.0	0.00
15/04/2024 04:10	2.7	264	12	3.6	0.00
15/04/2024 04:20	2.3	262	10	3.0	0.00
15/04/2024 04:30	2.1	260	8	2.7	0.00
15/04/2024 04:40	2.3	254	7	2.9	0.00
15/04/2024 04:50	2.2	255	7	2.6	0.00
15/04/2024 05:00	2.2	259	7	2.5	0.00
15/04/2024 05:10	2.1	255	8	2.5	0.00
15/04/2024 05:20	2.1	258	6	2.5	0.00
15/04/2024 05:30	1.8	262	7	2.3	0.00
15/04/2024 05:40	1.8	260	8	2.3	0.00
15/04/2024 05:50	1.8	263	10	2.2	0.00
15/04/2024 06:00	1.5	245	9	1.9	0.00
15/04/2024 06:10	0.7	217	17	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 06:20					0.00
15/04/2024 06:30	0.5	120	7	1.1	0.00
15/04/2024 06:40	0.1	217	3	0.6	0.00
15/04/2024 06:50	0.3	312	9	0.9	0.00
15/04/2024 07:00	0.3	34	27	0.8	0.00
15/04/2024 07:10	0.7	58	5	1.0	0.00
15/04/2024 07:20	0.3	117	23	1.0	0.00
15/04/2024 07:30	0.3	83	5	0.8	0.00
15/04/2024 07:40	0.4	75	10	1.1	0.00
15/04/2024 07:50	0.5	122	18	0.9	0.00
15/04/2024 08:00	0.6	123	18	1.2	0.00
15/04/2024 08:10	0.8	90	26	1.6	0.00
15/04/2024 08:20	0.9	179	18	1.8	0.00
15/04/2024 08:30	1.8	301	16	2.7	0.00
15/04/2024 08:40	1.1	307	25	2.4	0.00
15/04/2024 08:50	1.5	165	29	2.2	0.00
15/04/2024 09:00	1.3	337	33	2.4	0.00
15/04/2024 09:10	1.1	326	32	1.9	0.00
15/04/2024 09:20	1.7	310	19	2.8	0.00
15/04/2024 09:30	1.5	320	23	2.4	0.00
15/04/2024 09:40	0.8	144	67	1.9	0.00
15/04/2024 09:50	1.1	189	70	2.0	0.00
15/04/2024 10:00	1.2	175	49	2.1	0.00
15/04/2024 10:10	2.0	299	16	2.9	0.00
15/04/2024 10:20	2.0	306	19	3.0	0.00
15/04/2024 10:30	1.6	325	25	3.0	0.00
15/04/2024 10:40	1.6	12	34	2.6	0.00
15/04/2024 10:50	1.6	180	31	2.9	0.00
15/04/2024 11:00	1.8	187	23	2.9	0.00
15/04/2024 11:10	2.1	27	36	3.4	0.00
15/04/2024 11:20	1.9	19	33	2.9	0.00
15/04/2024 11:30	1.6	11	34	3.0	0.00
15/04/2024 11:40	1.3	298	35	2.8	0.00
15/04/2024 11:50	1.8	313	32	4.0	0.00
15/04/2024 12:00	1.5	320	53	3.1	0.00
15/04/2024 12:10	1.7	306	38	3.3	0.00
15/04/2024 12:20	1.9	301	26	3.6	0.00
15/04/2024 12:30	2.2	294	18	3.4	0.00
15/04/2024 12:40	2.3	291	22	3.8	0.00
15/04/2024 12:50	2.3	301	27	3.6	0.00
15/04/2024 13:00	2.3	294	22	4.0	0.00
15/04/2024 13:10	2.3	297	22	3.9	0.00
15/04/2024 13:20	2.4	297	22	4.5	0.00
15/04/2024 13:30	2.3	294	22	3.9	0.00
15/04/2024 13:40	3.1	296	16	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 13:50	3.2	285	17	5.0	0.00
15/04/2024 14:00	3.4	289	15	4.8	0.00
15/04/2024 14:10	3.5	289	16	4.9	0.00
15/04/2024 14:20	3.5	293	16	4.6	0.00
15/04/2024 14:30	3.8	293	12	5.2	0.00
15/04/2024 14:40	3.8	294	15	5.4	0.00
15/04/2024 14:50	3.9	295	13	5.6	0.00
15/04/2024 15:00	3.8	297	15	4.9	0.00
15/04/2024 15:10	3.8	297	14	5.5	0.00
15/04/2024 15:20	3.7	295	17	5.2	0.00
15/04/2024 15:30	3.5	286	19	5.3	0.00
15/04/2024 15:40	3.7	293	16	4.9	0.00
15/04/2024 15:50	3.5	294	15	4.9	0.00
15/04/2024 16:00	3.5	288	15	4.8	0.00
15/04/2024 16:10	3.8	293	11	5.0	0.00
15/04/2024 16:20	3.7	289	13	5.1	0.00
15/04/2024 16:30	3.5	291	12	4.6	0.00
15/04/2024 16:40	3.8	293	9	4.8	0.00
15/04/2024 16:50	3.7	292	12	4.7	0.00
15/04/2024 17:00	3.5	296	9	4.6	0.00
15/04/2024 17:10	3.3	298	13	4.3	0.00
15/04/2024 17:20	3.1	293	15	4.3	0.00
15/04/2024 17:30	3.1	288	16	4.4	0.00
15/04/2024 17:40	2.8	282	19	4.6	0.00
15/04/2024 17:50	2.6	278	18	4.0	0.00
15/04/2024 18:00	2.7	286	15	4.0	0.00
15/04/2024 18:10	2.8	284	14	3.9	0.00
15/04/2024 18:20	2.6	274	15	3.6	0.00
15/04/2024 18:30	2.5	273	17	3.9	0.00
15/04/2024 18:40	2.7	285	13	3.6	0.00
15/04/2024 18:50	2.9	286	13	4.2	0.00
15/04/2024 19:00	3.0	287	13	4.0	0.00
15/04/2024 19:10	2.8	286	14	4.0	0.00
15/04/2024 19:20	2.7	279	12	4.1	0.00
15/04/2024 19:30	2.7	273	15	3.9	0.00
15/04/2024 19:40	2.5	279	14	3.4	0.00
15/04/2024 19:50	2.4	266	14	3.3	0.00
15/04/2024 20:00	2.2	269	17	3.0	0.00
15/04/2024 20:10	2.0	258	11	2.7	0.00
15/04/2024 20:20	1.9	259	13	2.5	0.00
15/04/2024 20:30	2.1	254	9	2.8	0.00
15/04/2024 20:40	1.7	250	11	2.5	0.00
15/04/2024 20:50	1.6	252	10	2.1	0.00
15/04/2024 21:00	1.9	255	8	2.4	0.00
15/04/2024 21:10	1.9	255	8	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 21:20	1.5	248	13	2.1	0.00
15/04/2024 21:30	1.8	258	8	2.4	0.00
15/04/2024 21:40	1.5	258	10	2.0	0.00
15/04/2024 21:50	2.2	258	12	2.9	0.00
15/04/2024 22:00	1.4	262	18	2.4	0.00
15/04/2024 22:10	1.3	251	19	2.2	0.00
15/04/2024 22:20	1.2	236	25	2.1	0.00
15/04/2024 22:30	1.3	237	24	2.0	0.00
15/04/2024 22:40	1.5	246	13	2.2	0.00
15/04/2024 22:50	1.7	251	11	2.3	0.00
15/04/2024 23:00	2.3	266	14	3.2	0.00
15/04/2024 23:10	2.9	267	11	3.7	0.00
15/04/2024 23:20	2.4	265	12	3.2	0.00
15/04/2024 23:30	2.1	257	13	3.0	0.00
15/04/2024 23:40	1.8	241	12	2.4	0.00
15/04/2024 23:50	2.2	252	9	2.8	0.00
16/04/2024 00:00	2.5	258	8	3.1	0.00
16/04/2024 00:10	2.8	257	8	3.6	0.00
16/04/2024 00:20	3.1	260	7	3.7	0.00
16/04/2024 00:30	3.0	262	7	3.4	0.00
16/04/2024 00:40	3.0	260	7	3.5	0.00
16/04/2024 00:50	3.1	260	9	3.7	0.00
16/04/2024 01:00	3.1	258	7	3.8	0.00
16/04/2024 01:10	3.2	260	7	3.9	0.00
16/04/2024 01:20	3.2	259	8	4.0	0.00
16/04/2024 01:30	3.3	257	8	4.4	0.00
16/04/2024 01:40	3.3	259	9	4.4	0.00
16/04/2024 01:50	3.4	257	8	4.3	0.00
16/04/2024 02:00	3.4	259	9	4.4	0.00
16/04/2024 02:10	3.4	260	8	4.5	0.00
16/04/2024 02:20	3.4	258	8	4.2	0.00
16/04/2024 02:30	3.4	257	8	4.4	0.00
16/04/2024 02:40	3.4	260	9	4.4	0.00
16/04/2024 02:50	3.4	258	9	4.3	0.00
16/04/2024 03:00	3.3	259	8	4.0	0.00
16/04/2024 03:10	3.3	253	8	4.4	0.00
16/04/2024 03:20	3.2	251	10	4.5	0.00
16/04/2024 03:30	3.7	254	9	4.8	0.00
16/04/2024 03:40	3.2	252	10	4.4	0.00
16/04/2024 03:50	2.3	235	14	3.3	0.00
16/04/2024 04:00	2.0	242	10	2.7	0.00
16/04/2024 04:10	2.1	238	10	2.8	0.00
16/04/2024 04:20	2.3	234	11	3.6	0.00
16/04/2024 04:30	2.1	239	9	3.0	0.00
16/04/2024 04:40	2.3	245	11	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 04:50	2.1	245	10	3.0	0.00
16/04/2024 05:00	2.4	248	12	3.4	0.00
16/04/2024 05:10	2.3	236	13	3.2	0.00
16/04/2024 05:20	2.5	240	10	3.5	0.00
16/04/2024 05:30	2.3	247	11	3.3	0.00
16/04/2024 05:40	2.0	245	10	2.9	0.00
16/04/2024 05:50	2.1	237	12	3.2	0.00
16/04/2024 06:00	2.2	244	13	3.2	0.00
16/04/2024 06:10	2.4	240	12	3.5	0.00
16/04/2024 06:20	1.8	228	13	2.8	0.00
16/04/2024 06:30	1.6	226	14	2.5	0.00
16/04/2024 06:40	1.7	228	15	2.4	0.00
16/04/2024 06:50	1.9	236	12	2.5	0.00
16/04/2024 07:00	1.9	232	15	2.8	0.00
16/04/2024 07:10	2.1	232	14	2.8	0.00
16/04/2024 07:20	2.3	225	16	3.6	0.00
16/04/2024 07:30	2.4	224	13	3.2	0.00
16/04/2024 07:40	2.8	223	14	3.9	0.00
16/04/2024 07:50	2.9	225	16	4.2	0.00
16/04/2024 08:00	3.3	222	16	4.8	0.00
16/04/2024 08:10	3.4	228	15	5.2	0.00
16/04/2024 08:20	3.9	222	15	4.9	0.00
16/04/2024 08:30	3.7	224	11	5.2	0.00
16/04/2024 08:40	3.2	230	18	4.8	0.00
16/04/2024 08:50	3.9	231	14	5.3	0.00
16/04/2024 09:00	4.3	234	11	5.9	0.00
16/04/2024 09:10	3.7	231	13	4.8	0.00
16/04/2024 09:20	3.3	232	17	4.9	0.00
16/04/2024 09:30	3.6	218	16	5.0	0.00
16/04/2024 09:40	3.3	224	26	4.7	0.00
16/04/2024 09:50	3.5	227	19	4.8	0.00
16/04/2024 10:00	3.7	232	16	4.9	0.00
16/04/2024 10:10	3.4	235	15	5.1	0.00
16/04/2024 10:20	3.7	251	17	4.8	0.00
16/04/2024 10:30	3.8	261	12	5.6	0.00
16/04/2024 10:40	3.8	254	13	5.1	0.00
16/04/2024 10:50	3.6	252	13	4.8	0.00
16/04/2024 11:00	3.7	267	17	4.9	0.00
16/04/2024 11:10	3.9	268	14	5.2	0.00
16/04/2024 11:20	3.9	275	14	5.2	0.00
16/04/2024 11:30	3.8	263	16	5.3	0.00
16/04/2024 11:40	4.2	266	14	5.4	0.00
16/04/2024 11:50	3.7	268	17	5.1	0.00
16/04/2024 12:00	3.7	260	19	4.9	0.00
16/04/2024 12:10	4.0	256	11	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 12:20	4.0	254	14	4.9	0.00
16/04/2024 12:30	3.7	259	13	5.2	0.00
16/04/2024 12:40	4.3	265	16	5.6	0.00
16/04/2024 12:50	4.3	265	13	6.1	0.00
16/04/2024 13:00	3.7	260	13	4.8	0.00
16/04/2024 13:10	4.4	264	13	5.9	0.00
16/04/2024 13:20	4.0	257	14	5.2	0.00
16/04/2024 13:30	4.0	255	13	5.5	0.00
16/04/2024 13:40	4.4	261	13	5.4	0.00
16/04/2024 13:50	4.3	266	16	5.3	0.00
16/04/2024 14:00	4.0	261	14	5.3	0.00
16/04/2024 14:10	4.6	255	13	6.2	0.00
16/04/2024 14:20	4.9	257	10	6.0	0.00
16/04/2024 14:30	4.4	267	15	5.8	0.00
16/04/2024 14:40	5.1	262	11	6.5	0.00
16/04/2024 14:50	4.9	263	11	6.2	0.00
16/04/2024 15:00	4.9	266	15	6.5	0.00
16/04/2024 15:10	4.9	260	9	6.4	0.00
16/04/2024 15:20	4.8	264	12	6.4	0.00
16/04/2024 15:30	4.6	260	11	6.3	0.00
16/04/2024 15:40	5.3	259	11	6.8	0.00
16/04/2024 15:50	5.3	258	10	7.1	0.00
16/04/2024 16:00	5.3	258	11	6.7	0.00
16/04/2024 16:10	5.2	258	10	6.4	0.00
16/04/2024 16:20	5.0	259	10	6.4	0.00
16/04/2024 16:30	5.2	260	9	6.4	0.00
16/04/2024 16:40	4.4	261	11	5.6	0.00
16/04/2024 16:50	4.6	261	10	6.0	0.00
16/04/2024 17:00	4.4	262	10	5.6	0.00
16/04/2024 17:10	4.9	261	9	6.3	0.00
16/04/2024 17:20	4.9	262	8	6.2	0.00
16/04/2024 17:30	5.5	262	9	6.8	0.00
16/04/2024 17:40	5.3	261	10	6.9	0.00
16/04/2024 17:50	5.1	260	8	6.8	0.00
16/04/2024 18:00	4.7	260	9	6.2	0.00
16/04/2024 18:10	4.4	257	9	5.7	0.00
16/04/2024 18:20	4.1	260	9	5.5	0.00
16/04/2024 18:30	4.1	257	8	5.1	0.00
16/04/2024 18:40	3.9	258	10	4.9	0.00
16/04/2024 18:50	3.6	263	9	4.5	0.00
16/04/2024 19:00	3.2	256	12	4.6	0.00
16/04/2024 19:10	3.7	258	11	4.9	0.00
16/04/2024 19:20	3.7	260	11	4.8	0.00
16/04/2024 19:30	3.3	258	9	4.4	0.00
16/04/2024 19:40	3.6	257	11	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 19:50	3.8	259	10	4.7	0.00
16/04/2024 20:00	3.8	260	9	5.3	0.00
16/04/2024 20:10	3.3	255	11	4.6	0.00
16/04/2024 20:20	3.6	261	10	4.9	0.00
16/04/2024 20:30	3.5	259	10	4.4	0.00
16/04/2024 20:40	3.5	260	9	4.7	0.00
16/04/2024 20:50	3.8	261	10	4.8	0.00
16/04/2024 21:00	3.7	263	11	4.9	0.00
16/04/2024 21:10	3.3	261	10	4.8	0.00
16/04/2024 21:20	3.1	261	10	4.4	0.00
16/04/2024 21:30	3.0	259	10	4.0	0.00
16/04/2024 21:40	3.2	258	8	4.2	0.00
16/04/2024 21:50	3.2	257	9	4.0	0.00
16/04/2024 22:00	3.3	260	8	4.1	0.00
16/04/2024 22:10	3.6	262	10	4.4	0.00
16/04/2024 22:20	3.4	259	8	4.4	0.00
16/04/2024 22:30	2.9	260	10	3.8	0.00
16/04/2024 22:40	2.5	261	9	3.3	0.00
16/04/2024 22:50	2.4	259	8	3.2	0.00
16/04/2024 23:00	2.2	260	8	2.9	0.00
16/04/2024 23:10	1.6	248	10	2.3	0.00
16/04/2024 23:20	2.1	253	10	2.8	0.00
16/04/2024 23:30	2.5	256	9	3.2	0.00
16/04/2024 23:40	2.5	254	10	3.5	0.00
16/04/2024 23:50	2.5	251	9	3.1	0.00
17/04/2024 00:00	2.3	256	9	3.2	0.00
17/04/2024 00:10	2.3	255	8	3.2	0.00
17/04/2024 00:20	2.4	253	8	3.0	0.00
17/04/2024 00:30	2.6	254	9	3.2	0.00
17/04/2024 00:40	2.5	250	9	3.2	0.00
17/04/2024 00:50	2.0	246	10	2.7	0.00
17/04/2024 01:00	1.4	240	7	1.9	0.00
17/04/2024 01:10	1.6	246	8	2.1	0.00
17/04/2024 01:20	1.4	243	9	1.7	0.00
17/04/2024 01:30	1.1	243	9	1.7	0.00
17/04/2024 01:40	1.5	236	12	2.1	0.00
17/04/2024 01:50	1.9	244	10	2.7	0.00
17/04/2024 02:00	2.1	242	11	2.8	0.00
17/04/2024 02:10	1.9	242	9	2.8	0.00
17/04/2024 02:20	1.4	248	12	2.3	0.00
17/04/2024 02:30	2.3	249	10	2.8	0.00
17/04/2024 02:40	2.4	246	9	3.4	0.00
17/04/2024 02:50	2.4	242	11	3.4	0.00
17/04/2024 03:00	2.0	244	12	2.7	0.00
17/04/2024 03:10	2.1	250	9	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 03:20	1.7	248	9	2.4	0.00
17/04/2024 03:30	1.7	245	10	2.2	0.00
17/04/2024 03:40	2.3	252	10	3.0	0.00
17/04/2024 03:50	2.1	245	10	2.8	0.00
17/04/2024 04:00	1.7	250	10	2.4	0.00
17/04/2024 04:10	1.3	243	14	1.9	0.00
17/04/2024 04:20	0.4	263	4	1.0	0.00
17/04/2024 04:30	0.3	250	7	0.8	0.00
17/04/2024 04:40	0.6	245	13	1.3	0.00
17/04/2024 04:50	0.9	262	9	1.3	0.00
17/04/2024 05:00	1.4	257	8	1.8	0.00
17/04/2024 05:10	1.3	256	8	1.9	0.00
17/04/2024 05:20	1.2	253	7	1.5	0.00
17/04/2024 05:30	1.4	252	8	1.9	0.00
17/04/2024 05:40	1.3	253	7	1.7	0.00
17/04/2024 05:50	0.8	248	9	1.2	0.00
17/04/2024 06:00	1.0	252	10	1.5	0.00
17/04/2024 06:10	1.5	235	12	2.0	0.00
17/04/2024 06:20	1.8	239	12	2.4	0.00
17/04/2024 06:30	1.9	236	17	3.0	0.00
17/04/2024 06:40	1.1	234	15	2.0	0.00
17/04/2024 06:50	0.2	222	15	1.0	0.00
17/04/2024 07:00					0.00
17/04/2024 07:10	0.3	132	15	1.1	0.00
17/04/2024 07:20	0.3	126	14	0.8	0.00
17/04/2024 07:30	0.1	77	3	0.8	0.00
17/04/2024 07:40	0.4	100	13	1.2	0.00
17/04/2024 07:50	0.5	107	27	1.3	0.00
17/04/2024 08:00	1.4	138	29	2.4	0.00
17/04/2024 08:10	1.3	138	30	2.4	0.00
17/04/2024 08:20	1.9	136	22	3.0	0.00
17/04/2024 08:30	2.3	129	17	3.4	0.00
17/04/2024 08:40	2.6	127	17	4.2	0.00
17/04/2024 08:50	2.9	135	19	4.1	0.00
17/04/2024 09:00	3.4	125	16	4.7	0.00
17/04/2024 09:10	2.9	127	16	4.5	0.00
17/04/2024 09:20	3.3	124	17	4.7	0.00
17/04/2024 09:30	3.1	128	17	4.6	0.00
17/04/2024 09:40	3.0	120	16	4.1	0.00
17/04/2024 09:50	2.9	121	16	4.4	0.00
17/04/2024 10:00	2.9	122	16	4.1	0.00
17/04/2024 10:10	3.2	105	13	4.2	0.00
17/04/2024 10:20	3.2	96	12	4.4	0.00
17/04/2024 10:30	3.3	100	16	4.8	0.00
17/04/2024 10:40	3.9	86	13	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 10:50	4.9	77	11	6.6	0.00
17/04/2024 11:00	5.3	75	14	7.5	0.00
17/04/2024 11:10	5.4	77	11	7.4	0.00
17/04/2024 11:20	5.4	71	14	7.2	0.00
17/04/2024 11:30	6.4	65	13	8.6	0.00
17/04/2024 11:40	5.9	75	11	8.2	0.00
17/04/2024 11:50	5.8	69	12	8.2	0.00
17/04/2024 12:00	6.1	72	13	8.3	0.00
17/04/2024 12:10	6.5	71	13	9.3	0.00
17/04/2024 12:20	6.9	66	10	9.3	0.00
17/04/2024 12:30	6.9	69	13	9.1	0.00
17/04/2024 12:40	5.7	65	13	8.4	0.00
17/04/2024 12:50	6.8	66	14	9.3	0.00
17/04/2024 13:00	6.5	67	14	9.0	0.00
17/04/2024 13:10	6.6	62	12	9.9	0.00
17/04/2024 13:20	6.9	69	11	9.6	0.00
17/04/2024 13:30	6.4	62	11	8.9	0.00
17/04/2024 13:40	7.3	59	10	10.2	0.00
17/04/2024 13:50	6.9	63	12	9.1	0.00
17/04/2024 14:00	6.5	63	13	8.6	0.00
17/04/2024 14:10	7.1	60	12	9.6	0.00
17/04/2024 14:20	6.4	67	11	9.2	0.00
17/04/2024 14:30	6.8	61	12	9.9	0.00
17/04/2024 14:40	6.9	63	11	9.1	0.00
17/04/2024 14:50	6.8	63	12	9.1	0.00
17/04/2024 15:00	6.7	63	11	8.7	0.00
17/04/2024 15:10	5.8	55	12	7.8	0.00
17/04/2024 15:20	5.8	58	11	7.6	0.00
17/04/2024 15:30	5.2	49	13	7.3	0.00
17/04/2024 15:40	5.0	53	15	6.8	0.00
17/04/2024 15:50	4.7	39	12	6.3	0.00
17/04/2024 16:00	4.2	43	13	5.6	0.00
17/04/2024 16:10	4.3	38	12	6.0	0.00
17/04/2024 16:20	4.5	42	12	6.0	0.00
17/04/2024 16:30	4.7	41	12	6.5	0.00
17/04/2024 16:40	4.5	40	12	6.0	0.00
17/04/2024 16:50	4.8	43	12	6.2	0.00
17/04/2024 17:00	3.9	35	13	5.2	0.00
17/04/2024 17:10	3.3	30	15	4.8	0.00
17/04/2024 17:20	3.2	28	13	4.4	0.00
17/04/2024 17:30	2.8	27	15	4.4	0.00
17/04/2024 17:40	2.3	12	18	4.0	0.00
17/04/2024 17:50	2.6	0	18	4.0	0.00
17/04/2024 18:00	3.0	13	15	4.2	0.00
17/04/2024 18:10	2.8	20	16	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 18:20	2.6	16	15	3.6	0.00
17/04/2024 18:30	2.2	21	12	3.2	0.00
17/04/2024 18:40	2.3	24	12	3.4	0.00
17/04/2024 18:50	2.6	23	13	3.5	0.00
17/04/2024 19:00	2.5	19	15	4.0	0.00
17/04/2024 19:10	2.5	23	12	4.0	0.00
17/04/2024 19:20	2.5	21	13	4.0	0.00
17/04/2024 19:30	2.8	18	15	4.0	0.00
17/04/2024 19:40	2.8	13	12	4.3	0.00
17/04/2024 19:50	2.5	17	14	4.0	0.00
17/04/2024 20:00	2.2	13	15	3.5	0.00
17/04/2024 20:10	2.0	11	15	3.6	0.00
17/04/2024 20:20	1.6	11	17	2.5	0.00
17/04/2024 20:30	1.4	16	13	2.2	0.00
17/04/2024 20:40	1.5	18	13	2.2	0.00
17/04/2024 20:50	0.5	107	11	1.5	0.00
17/04/2024 21:00					0.00
17/04/2024 21:10					0.00
17/04/2024 21:20					0.00
17/04/2024 21:30					0.00
17/04/2024 21:40					0.00
17/04/2024 21:50					0.00
17/04/2024 22:00					0.00
17/04/2024 22:10					0.00
17/04/2024 22:20					0.00
17/04/2024 22:30					0.00
17/04/2024 22:40					0.00
17/04/2024 22:50					0.00
17/04/2024 23:00					0.00
17/04/2024 23:10					0.00
17/04/2024 23:20					0.00
17/04/2024 23:30					0.00
17/04/2024 23:40					0.00
17/04/2024 23:50					0.00
18/04/2024 00:00					0.00
18/04/2024 00:10					0.00
18/04/2024 00:20					0.00
18/04/2024 00:30					0.00
18/04/2024 00:40					0.00
18/04/2024 00:50					0.00
18/04/2024 01:00					0.00
18/04/2024 01:10					0.00
18/04/2024 01:20					0.00
18/04/2024 01:30					0.00
18/04/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 01:50					0.00
18/04/2024 02:00					0.00
18/04/2024 02:10					0.00
18/04/2024 02:20					0.00
18/04/2024 02:30					0.00
18/04/2024 02:40					0.00
18/04/2024 02:50					0.00
18/04/2024 03:00					0.00
18/04/2024 03:10					0.00
18/04/2024 03:20					0.00
18/04/2024 03:30					0.00
18/04/2024 03:40					0.00
18/04/2024 03:50					0.00
18/04/2024 04:00					0.00
18/04/2024 04:10					0.00
18/04/2024 04:20					0.00
18/04/2024 04:30					0.00
18/04/2024 04:40					0.00
18/04/2024 04:50					0.00
18/04/2024 05:00					0.00
18/04/2024 05:10					0.00
18/04/2024 05:20					0.00
18/04/2024 05:30					0.00
18/04/2024 05:40					0.00
18/04/2024 05:50					0.00
18/04/2024 06:00					0.00
18/04/2024 06:10					0.00
18/04/2024 06:20	1.6	92	14	2.5	0.00
18/04/2024 06:30	1.7	93	14	2.4	0.00
18/04/2024 06:40	1.8	87	17	3.0	0.00
18/04/2024 06:50	1.6	79	13	2.4	0.00
18/04/2024 07:00	2.2	84	12	3.5	0.00
18/04/2024 07:10	2.9	94	16	4.6	0.00
18/04/2024 07:20	3.0	93	12	4.7	0.00
18/04/2024 07:30	2.8	93	13	4.0	0.00
18/04/2024 07:40	4.3	93	13	6.6	0.00
18/04/2024 07:50	5.0	95	10	7.5	0.00
18/04/2024 08:00	5.4	96	12	7.9	0.00
18/04/2024 08:10	5.3	96	11	7.2	0.00
18/04/2024 08:20	4.9	105	13	6.9	0.00
18/04/2024 08:30	5.5	99	13	8.4	0.00
18/04/2024 08:40	5.8	97	14	9.1	0.00
18/04/2024 08:50	5.8	100	12	7.9	0.00
18/04/2024 09:00	5.9	100	13	8.4	0.00
18/04/2024 09:10	6.1	101	13	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 09:20	6.6	100	12	10.0	0.00
18/04/2024 09:30	6.6	90	15	8.7	0.00
18/04/2024 09:40	6.7	94	13	9.6	0.00
18/04/2024 09:50	7.3	88	12	9.9	0.00
18/04/2024 10:00	6.8	93	12	9.2	0.00
18/04/2024 10:10	7.0	89	12	10.0	0.00
18/04/2024 10:20	6.7	90	11	10.1	0.00
18/04/2024 10:30	6.2	90	13	8.9	0.00
18/04/2024 10:40	6.0	92	13	8.3	0.00
18/04/2024 10:50	5.9	89	15	8.1	0.00
18/04/2024 11:00	6.1	92	14	8.7	0.00
18/04/2024 11:10	7.0	87	13	10.2	0.00
18/04/2024 11:20	6.0	90	12	8.2	0.00
18/04/2024 11:30	7.2	84	12	9.9	0.00
18/04/2024 11:40	6.8	86	12	9.8	0.00
18/04/2024 11:50	6.4	81	12	8.7	0.00
18/04/2024 12:00	5.5	85	11	7.8	0.00
18/04/2024 12:10	6.6	71	12	8.5	0.00
18/04/2024 12:20	7.0	70	13	9.8	0.00
18/04/2024 12:30	7.0	72	11	9.9	0.00
18/04/2024 12:40	7.2	76	10	9.9	0.00
18/04/2024 12:50	8.0	75	10	11.5	0.00
18/04/2024 13:00	5.8	77	14	8.3	0.00
18/04/2024 13:10	6.9	77	13	9.1	0.00
18/04/2024 13:20	6.4	77	12	9.4	0.00
18/04/2024 13:30	6.3	66	12	9.0	0.00
18/04/2024 13:40	6.4	71	12	9.5	0.00
18/04/2024 13:50	6.0	69	15	8.5	0.00
18/04/2024 14:00	6.6	74	10	9.5	0.00
18/04/2024 14:10	5.9	74	14	8.8	0.00
18/04/2024 14:20	5.3	74	13	7.9	0.00
18/04/2024 14:30	5.6	69	13	7.8	0.00
18/04/2024 14:40	4.9	74	13	7.5	0.00
18/04/2024 14:50	4.4	62	14	7.0	0.00
18/04/2024 15:00	4.9	63	13	6.8	0.00
18/04/2024 15:10	4.7	59	13	6.5	0.00
18/04/2024 15:20	4.1	62	14	5.5	0.00
18/04/2024 15:30	4.6	65	13	6.5	0.00
18/04/2024 15:40	4.2	55	12	6.1	0.00
18/04/2024 15:50	4.4	59	12	6.2	0.00
18/04/2024 16:00	4.4	67	14	6.4	0.00
18/04/2024 16:10	4.4	62	13	6.4	0.00
18/04/2024 16:20	4.4	57	12	6.0	0.00
18/04/2024 16:30	4.5	58	13	6.5	0.00
18/04/2024 16:40	4.4	58	10	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 16:50	4.1	54	13	5.6	0.00
18/04/2024 17:00	3.8	53	11	5.2	0.00
18/04/2024 17:10	3.7	58	11	5.1	0.00
18/04/2024 17:20	3.3	59	11	4.7	0.00
18/04/2024 17:30	3.3	55	11	4.5	0.00
18/04/2024 17:40	3.0	59	12	4.9	0.00
18/04/2024 17:50	3.3	59	10	4.4	0.00
18/04/2024 18:00	2.6	55	11	3.5	0.00
18/04/2024 18:10	2.2	50	12	3.1	0.00
18/04/2024 18:20	2.5	46	11	3.9	0.00
18/04/2024 18:30	1.6	39	11	2.2	0.00
18/04/2024 18:40	0.5	58	11	1.1	0.00
18/04/2024 18:50	0.0	121	4	0.8	0.00
18/04/2024 19:00	0.1	55	6	0.8	0.00
18/04/2024 19:10	0.0	171	2	0.4	0.00
18/04/2024 19:20	0.0	190	3	0.4	0.00
18/04/2024 19:30					0.00
18/04/2024 19:40					0.00
18/04/2024 19:50	0.5	44	5	1.6	0.00
18/04/2024 20:00	1.8	42	5	2.2	0.00
18/04/2024 20:10	0.9	52	12	1.6	0.00
18/04/2024 20:20	0.0	102	0	0.4	0.00
18/04/2024 20:30					0.00
18/04/2024 20:40	0.1	70	1	0.7	0.00
18/04/2024 20:50					0.00
18/04/2024 21:00					0.00
18/04/2024 21:10	0.9	39	5	1.6	0.00
18/04/2024 21:20	1.4	44	6	1.7	0.00
18/04/2024 21:30	1.0	66	16	2.0	0.00
18/04/2024 21:40	1.1	99	16	2.0	0.00
18/04/2024 21:50	1.7	76	11	2.8	0.00
18/04/2024 22:00	1.0	84	24	2.0	0.00
18/04/2024 22:10	0.0	92	0	0.4	0.00
18/04/2024 22:20	1.5	101	18	2.9	0.00
18/04/2024 22:30	2.5	99	11	3.6	0.00
18/04/2024 22:40	3.1	100	11	4.5	0.00
18/04/2024 22:50	2.7	100	12	4.0	0.00
18/04/2024 23:00	2.7	105	11	4.0	0.00
18/04/2024 23:10	2.9	112	14	5.5	0.00
18/04/2024 23:20	3.3	110	13	6.1	0.00
18/04/2024 23:30	2.8	103	13	4.0	0.00
18/04/2024 23:40	2.6	111	13	4.0	0.00
18/04/2024 23:50	3.3	115	15	4.8	0.00
19/04/2024 00:00	3.9	112	12	6.0	0.00
19/04/2024 00:10	3.8	114	15	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 00:20	3.7	117	11	5.4	0.00
19/04/2024 00:30	4.2	117	13	6.4	0.00
19/04/2024 00:40	3.5	119	14	5.5	0.00
19/04/2024 00:50	3.1	120	14	5.2	0.00
19/04/2024 01:00	2.9	120	15	5.4	0.00
19/04/2024 01:10	2.6	109	13	4.1	0.00
19/04/2024 01:20	3.0	106	12	4.3	0.00
19/04/2024 01:30	2.9	104	12	4.5	0.00
19/04/2024 01:40	3.2	101	10	4.5	0.00
19/04/2024 01:50	3.1	101	13	4.6	0.00
19/04/2024 02:00	3.7	100	12	5.4	0.00
19/04/2024 02:10	3.4	99	12	4.4	0.00
19/04/2024 02:20	4.0	97	10	5.7	0.00
19/04/2024 02:30	3.4	99	12	4.6	0.00
19/04/2024 02:40	3.1	107	14	4.4	0.00
19/04/2024 02:50	3.1	109	13	5.6	0.00
19/04/2024 03:00	2.7	108	15	5.1	0.00
19/04/2024 03:10	3.4	117	17	5.9	0.00
19/04/2024 03:20	3.4	122	14	5.6	0.00
19/04/2024 03:30	2.8	115	13	4.2	0.00
19/04/2024 03:40	2.4	115	15	4.8	0.00
19/04/2024 03:50	2.1	111	14	3.7	0.00
19/04/2024 04:00	2.7	113	18	5.0	0.00
19/04/2024 04:10	3.2	115	15	4.9	0.00
19/04/2024 04:20	3.5	112	15	5.5	0.00
19/04/2024 04:30	3.4	116	13	5.3	0.00
19/04/2024 04:40	3.2	117	15	5.2	0.00
19/04/2024 04:50	3.3	116	13	5.5	0.00
19/04/2024 05:00	2.8	117	15	4.6	0.00
19/04/2024 05:10	3.4	123	16	6.0	0.00
19/04/2024 05:20	3.9	120	14	6.0	0.00
19/04/2024 05:30	3.2	121	15	4.8	0.00
19/04/2024 05:40	2.9	122	16	4.3	0.00
19/04/2024 05:50	3.3	119	14	5.9	0.00
19/04/2024 06:00	3.2	118	17	5.5	0.00
19/04/2024 06:10	3.5	117	13	5.2	0.00
19/04/2024 06:20	3.3	115	13	5.2	0.00
19/04/2024 06:30	3.2	113	15	5.2	0.00
19/04/2024 06:40	3.8	117	15	5.5	0.00
19/04/2024 06:50	4.0	113	12	6.1	0.00
19/04/2024 07:00	3.6	112	15	5.9	0.00
19/04/2024 07:10	3.4	109	13	5.2	0.00
19/04/2024 07:20	3.6	116	14	5.5	0.00
19/04/2024 07:30	4.4	101	12	6.8	0.00
19/04/2024 07:40	5.0	97	12	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 07:50	5.3	98	10	7.1	0.00
19/04/2024 08:00	5.7	96	12	8.0	0.00
19/04/2024 08:10	5.7	100	12	8.6	0.00
19/04/2024 08:20	6.0	99	13	9.1	0.00
19/04/2024 08:30	5.7	103	11	8.3	0.00
19/04/2024 08:40	6.3	98	12	8.7	0.00
19/04/2024 08:50	6.6	103	13	8.8	0.00
19/04/2024 09:00	6.8	95	11	9.1	0.00
19/04/2024 09:10	6.4	96	12	9.7	0.00
19/04/2024 09:20	6.8	98	12	9.3	0.00
19/04/2024 09:30	6.2	97	14	9.5	0.00
19/04/2024 09:40	6.2	86	12	8.7	0.00
19/04/2024 09:50	6.5	89	13	8.8	0.00
19/04/2024 10:00	5.5	85	12	8.2	0.00
19/04/2024 10:10	5.5	85	14	8.1	0.00
19/04/2024 10:20	7.6	82	10	10.4	0.00
19/04/2024 10:30	6.5	85	12	10.8	0.00
19/04/2024 10:40	6.2	84	12	9.8	0.00
19/04/2024 10:50	7.1	83	12	9.6	0.00
19/04/2024 11:00	7.0	84	11	9.5	0.00
19/04/2024 11:10	7.2	83	11	10.7	0.00
19/04/2024 11:20	7.2	83	12	9.8	0.00
19/04/2024 11:30	7.8	79	11	10.7	0.00
19/04/2024 11:40	6.8	82	11	9.6	0.00
19/04/2024 11:50	6.7	80	10	9.4	0.00
19/04/2024 12:00	6.8	87	13	9.5	0.00
19/04/2024 12:10	7.0	81	11	9.3	0.00
19/04/2024 12:20	6.4	79	13	9.1	0.00
19/04/2024 12:30	6.8	76	10	9.6	0.00
19/04/2024 12:40	7.0	73	10	9.0	0.00
19/04/2024 12:50	6.8	74	11	9.3	0.00
19/04/2024 13:00	6.8	75	10	10.1	0.00
19/04/2024 13:10	7.1	75	12	10.0	0.00
19/04/2024 13:20	6.2	74	14	8.8	0.00
19/04/2024 13:30	5.9	74	12	8.3	0.00
19/04/2024 13:40	6.9	76	11	9.3	0.00
19/04/2024 13:50	6.7	76	11	8.5	0.00
19/04/2024 14:00	6.3	69	12	8.7	0.00
19/04/2024 14:10	5.9	71	14	7.8	0.00
19/04/2024 14:20	5.9	67	14	7.9	0.00
19/04/2024 14:30	5.7	70	13	8.9	0.00
19/04/2024 14:40	5.2	64	14	7.2	0.00
19/04/2024 14:50	6.0	67	12	9.1	0.00
19/04/2024 15:00	5.6	63	12	7.8	0.00
19/04/2024 15:10	5.6	61	11	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 15:20	5.7	61	13	7.5	0.00
19/04/2024 15:30	5.1	53	11	6.8	0.00
19/04/2024 15:40	5.1	55	12	7.0	0.00
19/04/2024 15:50	5.5	56	10	7.2	0.00
19/04/2024 16:00	5.5	62	10	7.3	0.00
19/04/2024 16:10	5.2	60	10	6.8	0.00
19/04/2024 16:20	4.9	60	11	6.2	0.00
19/04/2024 16:30	4.3	53	12	6.0	0.00
19/04/2024 16:40	4.1	52	12	5.8	0.00
19/04/2024 16:50	3.7	61	12	4.8	0.00
19/04/2024 17:00	3.8	53	12	5.5	0.00
19/04/2024 17:10	3.9	51	11	5.2	0.00
19/04/2024 17:20	3.7	55	12	5.2	0.00
19/04/2024 17:30	3.3	54	14	5.0	0.00
19/04/2024 17:40	3.6	49	10	5.0	0.00
19/04/2024 17:50	2.9	50	11	4.0	0.00
19/04/2024 18:00	3.0	52	11	4.2	0.00
19/04/2024 18:10	2.6	56	8	3.5	0.00
19/04/2024 18:20	1.8	59	9	2.4	0.00
19/04/2024 18:30	1.8	59	10	2.4	0.00
19/04/2024 18:40	0.9	71	9	1.8	0.00
19/04/2024 18:50					0.00
19/04/2024 19:00	0.5	110	9	1.5	0.00
19/04/2024 19:10	0.6	109	9	1.6	0.00
19/04/2024 19:20	0.6	117	8	1.3	0.00
19/04/2024 19:30					0.00
19/04/2024 19:40					0.00
19/04/2024 19:50					0.00
19/04/2024 20:00					0.00
19/04/2024 20:10					0.00
19/04/2024 20:20	0.9	95	14	1.6	0.00
19/04/2024 20:30	0.3	94	3	0.8	0.00
19/04/2024 20:40	1.2	92	7	1.8	0.00
19/04/2024 20:50	0.4	91	5	1.1	0.00
19/04/2024 21:00	0.2	94	5	1.2	0.00
19/04/2024 21:10	1.3	104	9	1.8	0.00
19/04/2024 21:20	1.2	92	12	1.6	0.00
19/04/2024 21:30	0.4	67	4	0.9	0.00
19/04/2024 21:40	0.2	85	4	1.1	0.00
19/04/2024 21:50	0.2	82	2	0.9	0.00
19/04/2024 22:00					0.00
19/04/2024 22:10					0.00
19/04/2024 22:20					0.00
19/04/2024 22:30					0.00
19/04/2024 22:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 22:50					0.00
19/04/2024 23:00					0.00
19/04/2024 23:10					0.00
19/04/2024 23:20					0.00
19/04/2024 23:30					0.00
19/04/2024 23:40					0.00
19/04/2024 23:50	0.8	77	10	2.0	0.00
20/04/2024 00:00	1.0	75	11	1.8	0.00
20/04/2024 00:10	1.7	86	14	2.6	0.00
20/04/2024 00:20	1.0	97	12	1.9	0.00
20/04/2024 00:30	1.7	97	11	2.5	0.00
20/04/2024 00:40	1.3	91	11	1.9	0.00
20/04/2024 00:50	1.1	90	10	1.9	0.00
20/04/2024 01:00	1.7	81	11	2.7	0.00
20/04/2024 01:10	1.9	78	12	2.7	0.00
20/04/2024 01:20	1.7	68	11	2.4	0.00
20/04/2024 01:30	1.8	66	7	2.4	0.00
20/04/2024 01:40	2.1	65	8	2.4	0.00
20/04/2024 01:50	2.2	67	9	2.8	0.00
20/04/2024 02:00	2.2	70	7	2.9	0.00
20/04/2024 02:10	2.3	68	8	3.1	0.00
20/04/2024 02:20	2.3	74	9	3.2	0.00
20/04/2024 02:30	2.6	73	10	3.4	0.00
20/04/2024 02:40	2.6	78	10	3.6	0.00
20/04/2024 02:50	2.2	80	12	3.2	0.00
20/04/2024 03:00	2.7	75	10	3.9	0.00
20/04/2024 03:10	2.5	81	11	3.6	0.00
20/04/2024 03:20	2.5	85	12	3.6	0.00
20/04/2024 03:30	2.9	89	12	4.7	0.00
20/04/2024 03:40	2.7	83	11	4.4	0.00
20/04/2024 03:50	2.8	87	12	4.1	0.00
20/04/2024 04:00	2.2	88	10	3.6	0.00
20/04/2024 04:10	2.0	81	12	2.9	0.00
20/04/2024 04:20	2.3	85	13	3.2	0.00
20/04/2024 04:30	2.6	89	14	4.2	0.00
20/04/2024 04:40	3.6	100	11	5.2	0.00
20/04/2024 04:50	3.8	98	11	5.2	0.00
20/04/2024 05:00	2.9	97	12	5.2	0.00
20/04/2024 05:10	3.6	99	13	5.0	0.00
20/04/2024 05:20	3.1	100	12	4.8	0.00
20/04/2024 05:30	3.5	101	10	5.5	0.00
20/04/2024 05:40	3.5	99	13	4.8	0.00
20/04/2024 05:50	3.4	99	13	5.2	0.00
20/04/2024 06:00	4.0	100	12	5.6	0.00
20/04/2024 06:10	4.1	96	13	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 06:20	3.4	94	13	4.8	0.00
20/04/2024 06:30	3.0	91	13	4.2	0.00
20/04/2024 06:40	3.2	90	13	4.5	0.00
20/04/2024 06:50	4.1	95	11	5.9	0.00
20/04/2024 07:00	3.6	99	13	5.4	0.00
20/04/2024 07:10	3.7	94	12	5.0	0.00
20/04/2024 07:20	3.9	101	12	6.0	0.00
20/04/2024 07:30	4.9	97	12	6.4	0.00
20/04/2024 07:40	4.7	103	12	6.8	0.00
20/04/2024 07:50	4.9	103	12	7.1	0.00
20/04/2024 08:00	4.6	95	11	6.4	0.00
20/04/2024 08:10	4.7	98	13	7.3	0.00
20/04/2024 08:20	5.3	94	13	8.2	0.00
20/04/2024 08:30	5.4	100	11	7.6	0.00
20/04/2024 08:40	5.5	102	12	8.5	0.00
20/04/2024 08:50	6.1	96	13	8.7	0.00
20/04/2024 09:00	6.7	95	13	9.5	0.00
20/04/2024 09:10	6.7	92	13	9.2	0.00
20/04/2024 09:20	7.1	93	14	9.8	0.00
20/04/2024 09:30	6.0	88	13	8.5	0.00
20/04/2024 09:40	6.7	90	14	8.7	0.00
20/04/2024 09:50	7.8	85	11	11.1	0.00
20/04/2024 10:00	6.4	91	13	10.3	0.00
20/04/2024 10:10	6.7	93	15	9.8	0.00
20/04/2024 10:20	7.3	84	12	10.1	0.00
20/04/2024 10:30	7.2	88	11	9.9	0.00
20/04/2024 10:40	8.1	83	12	11.1	0.00
20/04/2024 10:50	8.0	87	12	11.1	0.00
20/04/2024 11:00	7.5	82	12	10.5	0.00
20/04/2024 11:10	7.2	85	12	10.8	0.00
20/04/2024 11:20	7.8	88	11	10.5	0.00
20/04/2024 11:30	7.7	81	11	9.8	0.00
20/04/2024 11:40	7.6	87	12	10.3	0.00
20/04/2024 11:50	6.5	90	13	9.2	0.00
20/04/2024 12:00	7.2	87	12	10.4	0.00
20/04/2024 12:10	7.0	88	11	9.3	0.00
20/04/2024 12:20	7.3	81	12	9.8	0.00
20/04/2024 12:30	7.2	82	12	9.5	0.00
20/04/2024 12:40	6.9	89	12	9.2	0.00
20/04/2024 12:50	7.1	90	12	10.0	0.00
20/04/2024 13:00	6.1	80	13	8.8	0.00
20/04/2024 13:10	7.1	77	12	9.8	0.00
20/04/2024 13:20	6.8	78	10	9.1	0.00
20/04/2024 13:30	6.3	75	12	8.7	0.00
20/04/2024 13:40	6.9	78	9	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 13:50	6.5	77	13	8.9	0.00
20/04/2024 14:00	6.0	76	11	8.6	0.00
20/04/2024 14:10	6.0	73	10	8.0	0.00
20/04/2024 14:20	6.7	73	10	8.7	0.00
20/04/2024 14:30	6.7	77	12	9.1	0.00
20/04/2024 14:40	6.0	69	13	7.9	0.00
20/04/2024 14:50	5.7	73	12	8.3	0.00
20/04/2024 15:00	5.5	66	13	8.0	0.00
20/04/2024 15:10	5.5	59	14	7.7	0.00
20/04/2024 15:20	5.2	65	14	7.3	0.00
20/04/2024 15:30	5.3	55	12	7.2	0.00
20/04/2024 15:40	5.2	60	12	7.9	0.00
20/04/2024 15:50	5.3	55	10	6.9	0.00
20/04/2024 16:00	5.1	58	11	6.6	0.00
20/04/2024 16:10	4.8	65	12	6.6	0.00
20/04/2024 16:20	4.9	58	10	6.4	0.00
20/04/2024 16:30	4.0	58	12	5.6	0.00
20/04/2024 16:40	4.5	60	11	6.2	0.00
20/04/2024 16:50	4.5	56	10	6.1	0.00
20/04/2024 17:00	4.1	61	11	5.6	0.00
20/04/2024 17:10	3.6	50	11	5.2	0.00
20/04/2024 17:20	3.3	51	11	4.4	0.00
20/04/2024 17:30	3.2	51	11	4.6	0.00
20/04/2024 17:40	3.1	37	13	4.1	0.00
20/04/2024 17:50	3.2	30	11	4.5	0.00
20/04/2024 18:00	3.4	33	10	4.7	0.00
20/04/2024 18:10	3.1	30	12	4.4	0.00
20/04/2024 18:20	2.8	39	13	3.7	0.00
20/04/2024 18:30	2.9	40	12	4.0	0.00
20/04/2024 18:40	2.8	39	10	4.0	0.00
20/04/2024 18:50	2.8	41	9	3.9	0.00
20/04/2024 19:00	2.2	39	11	2.9	0.00
20/04/2024 19:10	2.3	36	12	3.2	0.00
20/04/2024 19:20	1.6	49	11	2.2	0.00
20/04/2024 19:30	0.2	71	5	1.1	0.00
20/04/2024 19:40	0.6	73	9	1.2	0.00
20/04/2024 19:50					0.00
20/04/2024 20:00					0.00
20/04/2024 20:10					0.00
20/04/2024 20:20					0.00
20/04/2024 20:30					0.00
20/04/2024 20:40					0.00
20/04/2024 20:50	0.3	66	7	1.4	0.00
20/04/2024 21:00	0.5	68	8	1.2	0.00
20/04/2024 21:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 21:20					0.00
20/04/2024 21:30	1.2	70	7	2.0	0.00
20/04/2024 21:40	1.7	63	8	2.2	0.00
20/04/2024 21:50	1.7	67	6	2.2	0.00
20/04/2024 22:00	2.3	69	7	3.0	0.00
20/04/2024 22:10	1.9	58	7	2.4	0.00
20/04/2024 22:20	1.7	58	7	2.1	0.00
20/04/2024 22:30	1.9	66	7	2.3	0.00
20/04/2024 22:40	1.8	53	8	2.2	0.00
20/04/2024 22:50	1.5	61	8	2.4	0.00
20/04/2024 23:00	1.1	67	5	1.6	0.00
20/04/2024 23:10					0.00
20/04/2024 23:20					0.00
20/04/2024 23:30					0.00
20/04/2024 23:40	0.0	64	0	0.4	0.00
20/04/2024 23:50	1.8	80	13	3.3	0.00
21/04/2024 00:00	2.8	91	12	4.7	0.00
21/04/2024 00:10	3.7	84	14	5.7	0.00
21/04/2024 00:20	3.2	87	10	4.6	0.00
21/04/2024 00:30	1.9	106	13	3.2	0.00
21/04/2024 00:40	2.0	113	12	3.1	0.00
21/04/2024 00:50	1.6	128	14	2.2	0.00
21/04/2024 01:00	1.7	128	15	2.5	0.00
21/04/2024 01:10	1.4	139	16	2.1	0.00
21/04/2024 01:20	0.2	173	21	0.9	0.00
21/04/2024 01:30	0.2	207	15	0.9	0.00
21/04/2024 01:40	0.1	216	7	1.0	0.00
21/04/2024 01:50	0.5	219	23	2.4	0.00
21/04/2024 02:00	0.2	226	8	1.2	0.00
21/04/2024 02:10	0.5	221	18	1.5	0.00
21/04/2024 02:20	0.1	217	6	1.1	0.00
21/04/2024 02:30					0.00
21/04/2024 02:40	0.1	61	17	0.8	0.00
21/04/2024 02:50	0.1	92	6	0.8	0.00
21/04/2024 03:00	0.2	95	4	1.0	0.00
21/04/2024 03:10	1.5	96	13	2.2	0.00
21/04/2024 03:20	2.0	98	12	2.9	0.00
21/04/2024 03:30	1.4	94	14	2.2	0.00
21/04/2024 03:40	1.0	92	12	2.5	0.00
21/04/2024 03:50	1.9	85	11	2.8	0.00
21/04/2024 04:00	1.6	85	11	3.0	0.00
21/04/2024 04:10	2.3	83	13	3.7	0.00
21/04/2024 04:20	2.4	84	12	3.7	0.00
21/04/2024 04:30	2.2	80	11	3.2	0.00
21/04/2024 04:40	2.0	78	10	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 04:50	2.3	79	8	3.1	0.00
21/04/2024 05:00	2.3	78	11	3.2	0.00
21/04/2024 05:10	2.0	84	9	2.9	0.00
21/04/2024 05:20	2.1	85	9	2.9	0.00
21/04/2024 05:30	2.2	86	10	2.7	0.00
21/04/2024 05:40	2.2	88	9	3.1	0.00
21/04/2024 05:50	1.9	89	9	2.6	0.00
21/04/2024 06:00	2.2	88	10	2.8	0.00
21/04/2024 06:10	2.2	84	8	3.0	0.00
21/04/2024 06:20	2.1	84	9	2.8	0.00
21/04/2024 06:30	2.2	83	9	3.0	0.00
21/04/2024 06:40	2.3	81	9	3.1	0.00
21/04/2024 06:50	2.6	81	12	3.6	0.00
21/04/2024 07:00	2.4	84	10	3.3	0.00
21/04/2024 07:10	2.8	88	12	4.4	0.00
21/04/2024 07:20	2.9	90	12	4.1	0.00
21/04/2024 07:30	3.0	96	11	4.4	0.00
21/04/2024 07:40	3.1	98	10	4.6	0.00
21/04/2024 07:50	3.4	103	10	4.5	0.00
21/04/2024 08:00	3.6	105	12	5.4	0.00
21/04/2024 08:10	3.6	106	11	5.2	0.00
21/04/2024 08:20	3.4	105	13	4.6	0.00
21/04/2024 08:30	3.6	103	14	5.4	0.00
21/04/2024 08:40	4.9	100	12	7.0	0.00
21/04/2024 08:50	4.7	97	12	6.7	0.00
21/04/2024 09:00	4.8	89	13	6.8	0.00
21/04/2024 09:10	5.2	86	11	7.3	0.00
21/04/2024 09:20	5.3	83	10	7.3	0.00
21/04/2024 09:30	4.6	88	14	6.9	0.00
21/04/2024 09:40	5.4	83	12	7.7	0.00
21/04/2024 09:50	5.5	82	11	7.3	0.00
21/04/2024 10:00	5.4	83	11	8.1	0.00
21/04/2024 10:10	4.9	80	13	6.8	0.00
21/04/2024 10:20	5.5	83	13	7.5	0.00
21/04/2024 10:30	5.1	82	12	7.2	0.00
21/04/2024 10:40	5.5	88	12	7.2	0.00
21/04/2024 10:50	5.6	84	13	7.2	0.00
21/04/2024 11:00	5.8	72	15	8.3	0.00
21/04/2024 11:10	5.5	69	12	8.0	0.00
21/04/2024 11:20	5.8	71	14	7.5	0.00
21/04/2024 11:30	6.2	74	11	8.0	0.00
21/04/2024 11:40	6.1	70	13	8.3	0.00
21/04/2024 11:50	6.4	68	11	8.7	0.00
21/04/2024 12:00	6.2	70	13	8.2	0.00
21/04/2024 12:10	6.2	63	12	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 12:20	6.7	64	11	9.0	0.00
21/04/2024 12:30	5.9	64	12	8.5	0.00
21/04/2024 12:40	6.2	61	11	8.3	0.00
21/04/2024 12:50	5.8	67	13	8.7	0.00
21/04/2024 13:00	5.9	59	13	7.8	0.00
21/04/2024 13:10	6.3	59	12	8.5	0.00
21/04/2024 13:20	6.0	61	13	8.4	0.00
21/04/2024 13:30	6.3	61	11	8.2	0.00
21/04/2024 13:40	5.7	55	12	8.1	0.00
21/04/2024 13:50	6.0	62	11	8.3	0.00
21/04/2024 14:00	5.8	62	11	8.1	0.00
21/04/2024 14:10	4.7	57	13	6.5	0.00
21/04/2024 14:20	4.4	61	12	5.8	0.00
21/04/2024 14:30	4.7	60	15	5.9	0.00
21/04/2024 14:40	4.9	68	10	6.6	0.00
21/04/2024 14:50	4.2	64	12	5.9	0.00
21/04/2024 15:00	4.5	73	11	6.7	0.00
21/04/2024 15:10	4.2	69	11	5.7	0.00
21/04/2024 15:20	3.4	52	14	4.8	0.00
21/04/2024 15:30	4.4	64	12	6.1	0.00
21/04/2024 15:40	3.6	61	15	5.2	0.00
21/04/2024 15:50	3.6	66	15	5.5	0.00
21/04/2024 16:00	4.0	48	17	5.3	0.00
21/04/2024 16:10	3.6	43	15	5.4	0.00
21/04/2024 16:20	3.6	39	16	5.2	0.00
21/04/2024 16:30	3.4	38	13	5.0	0.00
21/04/2024 16:40	3.0	34	14	4.8	0.00
21/04/2024 16:50	3.1	29	16	4.5	0.00
21/04/2024 17:00	3.1	36	15	4.5	0.00
21/04/2024 17:10	3.5	36	14	4.9	0.00
21/04/2024 17:20	2.9	17	18	4.4	0.00
21/04/2024 17:30	2.7	178	18	4.4	0.00
21/04/2024 17:40	2.6	7	21	4.4	0.00
21/04/2024 17:50	2.6	15	17	4.0	0.00
21/04/2024 18:00	2.4	26	18	3.8	0.00
21/04/2024 18:10	2.2	24	19	3.6	0.00
21/04/2024 18:20	1.9	27	15	2.8	0.00
21/04/2024 18:30	2.2	20	16	3.2	0.00
21/04/2024 18:40	1.6	180	23	2.9	0.00
21/04/2024 18:50	1.8	15	21	3.3	0.00
21/04/2024 19:00	2.3	16	14	3.5	0.00
21/04/2024 19:10	1.9	12	19	3.3	0.00
21/04/2024 19:20	1.8	25	17	2.8	0.00
21/04/2024 19:30	1.7	40	13	2.9	0.00
21/04/2024 19:40	1.4	25	14	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 19:50	1.1	14	17	2.0	0.00
21/04/2024 20:00					0.00
21/04/2024 20:10					0.00
21/04/2024 20:20					0.00
21/04/2024 20:30					0.00
21/04/2024 20:40					0.00
21/04/2024 20:50					0.00
21/04/2024 21:00					0.00
21/04/2024 21:10					0.00
21/04/2024 21:20					0.00
21/04/2024 21:30					0.00
21/04/2024 21:40					0.00
21/04/2024 21:50					0.00
21/04/2024 22:00					0.00
21/04/2024 22:10					0.00
21/04/2024 22:20					0.00
21/04/2024 22:30					0.00
21/04/2024 22:40					0.00
21/04/2024 22:50					0.00
21/04/2024 23:00					0.00
21/04/2024 23:10					0.00
21/04/2024 23:20					0.00
21/04/2024 23:30					0.00
21/04/2024 23:40					0.00
21/04/2024 23:50					0.00
22/04/2024 00:00					0.00
22/04/2024 00:10					0.00
22/04/2024 00:20					0.00
22/04/2024 00:30					0.00
22/04/2024 00:40					0.00
22/04/2024 00:50					0.00
22/04/2024 01:00					0.00
22/04/2024 01:10	1.7	265	6	2.7	0.00
22/04/2024 01:20	1.8	254	8	2.5	0.00
22/04/2024 01:30	1.8	257	7	2.4	0.00
22/04/2024 01:40	1.6	255	8	2.2	0.00
22/04/2024 01:50	0.8	254	5	1.7	0.00
22/04/2024 02:00	1.2	255	5	2.3	0.00
22/04/2024 02:10	2.2	253	8	2.7	0.00
22/04/2024 02:20	1.6	239	13	2.6	0.00
22/04/2024 02:30	1.9	246	13	2.8	0.00
22/04/2024 02:40	2.2	245	11	3.2	0.00
22/04/2024 02:50	0.1	152	3	0.6	0.00
22/04/2024 03:00	0.1	281	6	0.9	0.00
22/04/2024 03:10	1.2	266	14	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 03:20	0.4	234	10	1.4	0.00
22/04/2024 03:30					0.00
22/04/2024 03:40					0.00
22/04/2024 03:50					0.00
22/04/2024 04:00					0.00
22/04/2024 04:10					0.00
22/04/2024 04:20	0.2	154	12	1.6	0.00
22/04/2024 04:30	0.9	129	14	2.1	0.00
22/04/2024 04:40	0.4	145	16	1.6	0.00
22/04/2024 04:50	0.6	132	8	1.2	0.00
22/04/2024 05:00	0.1	137	7	0.8	0.00
22/04/2024 05:10	0.2	150	16	1.4	0.00
22/04/2024 05:20					0.00
22/04/2024 05:30	0.1	152	10	0.7	0.00
22/04/2024 05:40	0.0	164	16	0.6	0.00
22/04/2024 05:50	0.1	231	16	0.8	0.00
22/04/2024 06:00	0.1	185	6	0.6	0.00
22/04/2024 06:10	0.5	165	24	1.3	0.00
22/04/2024 06:20	1.1	118	15	1.8	0.00
22/04/2024 06:30	1.3	98	18	1.9	0.00
22/04/2024 06:40	1.0	120	16	1.8	0.00
22/04/2024 06:50	0.9	128	14	1.8	0.00
22/04/2024 07:00	1.2	126	17	1.9	0.00
22/04/2024 07:10	0.7	107	10	1.7	0.00
22/04/2024 07:20	0.4	142	44	1.9	0.00
22/04/2024 07:30	1.2	120	30	3.2	0.00
22/04/2024 07:40	0.6	59	23	2.0	0.00
22/04/2024 07:50	0.8	79	35	1.8	0.00
22/04/2024 08:00	0.9	132	34	2.6	0.00
22/04/2024 08:10	2.6	133	28	5.0	0.00
22/04/2024 08:20	3.0	121	17	4.7	0.00
22/04/2024 08:30	2.9	115	15	4.4	0.00
22/04/2024 08:40	2.7	119	15	3.9	0.00
22/04/2024 08:50	2.9	110	14	4.4	0.00
22/04/2024 09:00	3.4	111	12	4.9	0.00
22/04/2024 09:10	3.3	114	15	4.8	0.00
22/04/2024 09:20	3.4	123	14	5.1	0.00
22/04/2024 09:30	3.3	98	13	4.4	0.00
22/04/2024 09:40	3.8	93	11	5.4	0.00
22/04/2024 09:50	3.7	95	13	4.9	0.00
22/04/2024 10:00	3.8	97	14	5.4	0.00
22/04/2024 10:10	4.2	90	12	6.4	0.00
22/04/2024 10:20	4.3	93	13	6.0	0.00
22/04/2024 10:30	4.8	91	13	6.3	0.00
22/04/2024 10:40	5.1	88	14	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 10:50	5.4	80	13	7.3	0.00
22/04/2024 11:00	6.1	80	12	8.5	0.00
22/04/2024 11:10	6.1	76	9	7.5	0.00
22/04/2024 11:20	5.1	77	11	7.1	0.00
22/04/2024 11:30	4.6	82	13	6.6	0.00
22/04/2024 11:40	5.0	79	12	6.8	0.00
22/04/2024 11:50	5.2	70	11	7.1	0.00
22/04/2024 12:00	5.3	74	11	7.8	0.00
22/04/2024 12:10	5.1	68	12	6.8	0.00
22/04/2024 12:20	5.3	69	13	7.0	0.00
22/04/2024 12:30	5.5	75	12	7.5	0.00
22/04/2024 12:40	5.2	75	11	7.2	0.00
22/04/2024 12:50	5.1	71	14	7.2	0.00
22/04/2024 13:00	5.2	69	13	7.5	0.00
22/04/2024 13:10	5.2	59	11	7.3	0.00
22/04/2024 13:20	5.3	65	13	7.7	0.00
22/04/2024 13:30	5.4	62	14	7.5	0.00
22/04/2024 13:40	5.3	63	13	7.1	0.00
22/04/2024 13:50	5.6	61	11	7.2	0.00
22/04/2024 14:00	5.3	62	15	7.2	0.00
22/04/2024 14:10	5.0	62	13	7.0	0.00
22/04/2024 14:20	5.0	62	13	6.7	0.00
22/04/2024 14:30	4.1	63	16	5.7	0.00
22/04/2024 14:40	4.4	65	15	5.9	0.00
22/04/2024 14:50	3.6	49	16	5.3	0.00
22/04/2024 15:00	3.7	40	19	5.8	0.00
22/04/2024 15:10	3.5	30	22	6.0	0.00
22/04/2024 15:20	4.5	44	13	6.7	0.00
22/04/2024 15:30	4.2	43	12	5.8	0.00
22/04/2024 15:40	3.7	14	21	6.2	0.00
22/04/2024 15:50	3.4	179	21	5.6	0.00
22/04/2024 16:00	3.7	181	22	5.7	0.00
22/04/2024 16:10	3.2	354	20	5.4	0.00
22/04/2024 16:20	3.4	182	17	5.4	0.00
22/04/2024 16:30	3.5	353	20	5.4	0.00
22/04/2024 16:40	3.3	356	20	5.6	0.00
22/04/2024 16:50	3.6	179	18	5.3	0.00
22/04/2024 17:00	4.0	12	16	5.8	0.00
22/04/2024 17:10	3.5	185	18	5.8	0.00
22/04/2024 17:20	3.4	178	18	5.3	0.00
22/04/2024 17:30	3.2	183	18	4.8	0.00
22/04/2024 17:40	2.9	357	18	4.4	0.00
22/04/2024 17:50	3.4	6	15	4.8	0.00
22/04/2024 18:00	2.9	8	16	4.8	0.00
22/04/2024 18:10	3.0	4	19	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 18:20	3.0	6	17	4.1	0.00
22/04/2024 18:30	3.1	8	13	4.8	0.00
22/04/2024 18:40	3.2	6	15	4.7	0.00
22/04/2024 18:50	2.4	4	20	3.6	0.00
22/04/2024 19:00	2.4	8	18	4.0	0.00
22/04/2024 19:10	1.7	4	20	3.4	0.00
22/04/2024 19:20	2.8	15	17	3.9	0.00
22/04/2024 19:30	2.9	23	15	4.2	0.00
22/04/2024 19:40	1.9	330	28	3.7	0.00
22/04/2024 19:50	1.8	168	28	3.6	0.00
22/04/2024 20:00	0.8	316	14	2.5	0.00
22/04/2024 20:10	0.3	327	17	2.0	0.00
22/04/2024 20:20	1.3	321	24	3.2	0.00
22/04/2024 20:30	1.5	298	18	3.1	0.00
22/04/2024 20:40	1.8	302	19	3.6	0.00
22/04/2024 20:50	1.6	297	21	3.1	0.00
22/04/2024 21:00	1.4	279	22	2.5	0.00
22/04/2024 21:10	0.8	299	19	1.9	0.00
22/04/2024 21:20	1.0	249	16	2.0	0.00
22/04/2024 21:30	1.1	292	28	2.4	0.00
22/04/2024 21:40	1.6	253	12	2.5	0.00
22/04/2024 21:50	1.7	248	9	2.2	0.00
22/04/2024 22:00	1.8	251	9	2.3	0.00
22/04/2024 22:10	1.8	249	7	2.4	0.00
22/04/2024 22:20	1.8	247	7	2.6	0.00
22/04/2024 22:30	2.0	247	7	2.6	0.00
22/04/2024 22:40	2.2	249	6	2.7	0.00
22/04/2024 22:50	2.1	248	7	2.5	0.00
22/04/2024 23:00	2.1	253	5	2.5	0.00
22/04/2024 23:10	2.3	251	7	2.8	0.00
22/04/2024 23:20	2.2	254	6	2.8	0.00
22/04/2024 23:30	2.1	258	6	2.6	0.00
22/04/2024 23:40	2.4	256	7	3.1	0.00
22/04/2024 23:50	2.2	253	7	2.8	0.00
23/04/2024 00:00	1.9	251	7	2.4	0.00
23/04/2024 00:10	2.0	254	7	2.6	0.00
23/04/2024 00:20	2.1	254	6	2.4	0.00
23/04/2024 00:30	2.2	253	7	2.7	0.00
23/04/2024 00:40	1.5	248	9	1.8	0.00
23/04/2024 00:50	0.7	241	9	1.6	0.00
23/04/2024 01:00					0.00
23/04/2024 01:10					0.00
23/04/2024 01:20					0.00
23/04/2024 01:30					0.00
23/04/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 01:50					0.00
23/04/2024 02:00					0.00
23/04/2024 02:10					0.00
23/04/2024 02:20					0.00
23/04/2024 02:30					0.00
23/04/2024 02:40					0.00
23/04/2024 02:50					0.00
23/04/2024 03:00					0.00
23/04/2024 03:10					0.00
23/04/2024 03:20					0.00
23/04/2024 03:30					0.00
23/04/2024 03:40					0.00
23/04/2024 03:50					0.00
23/04/2024 04:00					0.00
23/04/2024 04:10					0.00
23/04/2024 04:20					0.00
23/04/2024 04:30					0.00
23/04/2024 04:40					0.00
23/04/2024 04:50					0.00
23/04/2024 05:00					0.00
23/04/2024 05:10					0.00
23/04/2024 05:20					0.00
23/04/2024 05:30					0.00
23/04/2024 05:40					0.00
23/04/2024 05:50					0.00
23/04/2024 06:00					0.00
23/04/2024 06:10	1.4	121	11	3.0	0.00
23/04/2024 06:20	2.0	122	12	2.6	0.00
23/04/2024 06:30	1.8	107	11	2.4	0.00
23/04/2024 06:40	1.8	94	10	2.4	0.00
23/04/2024 06:50	2.0	100	12	2.5	0.00
23/04/2024 07:00	2.3	104	10	3.2	0.00
23/04/2024 07:10	2.6	104	10	3.5	0.00
23/04/2024 07:20	2.7	99	10	3.5	0.00
23/04/2024 07:30	2.8	96	10	4.0	0.00
23/04/2024 07:40	2.3	94	12	3.0	0.00
23/04/2024 07:50	2.2	99	13	3.2	0.00
23/04/2024 08:00	2.0	91	13	2.7	0.00
23/04/2024 08:10	2.2	97	15	3.1	0.00
23/04/2024 08:20	2.5	109	13	3.4	0.00
23/04/2024 08:30	2.5	112	16	3.4	0.00
23/04/2024 08:40	2.4	96	13	3.4	0.00
23/04/2024 08:50	2.3	88	13	3.6	0.00
23/04/2024 09:00	2.3	99	13	3.2	0.00
23/04/2024 09:10	2.9	93	12	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 09:20	2.9	98	14	4.3	0.00
23/04/2024 09:30	3.1	98	15	4.5	0.00
23/04/2024 09:40	3.6	91	13	5.4	0.00
23/04/2024 09:50	3.7	100	13	5.2	0.00
23/04/2024 10:00	3.5	106	12	5.2	0.00
23/04/2024 10:10	3.6	94	15	5.0	0.00
23/04/2024 10:20	3.7	98	11	5.4	0.00
23/04/2024 10:30	3.7	93	15	5.8	0.00
23/04/2024 10:40	3.9	96	18	6.6	0.00
23/04/2024 10:50	4.5	92	13	6.6	0.00
23/04/2024 11:00	4.6	91	16	6.9	0.00
23/04/2024 11:10	4.6	86	14	6.5	0.00
23/04/2024 11:20	5.2	78	13	7.1	0.00
23/04/2024 11:30	5.3	78	11	7.7	0.00
23/04/2024 11:40	5.2	77	13	7.6	0.00
23/04/2024 11:50	5.9	82	12	8.4	0.00
23/04/2024 12:00	6.2	75	11	9.1	0.00
23/04/2024 12:10	6.6	69	13	10.1	0.00
23/04/2024 12:20	6.8	72	11	8.7	0.00
23/04/2024 12:30	6.4	72	12	8.4	0.00
23/04/2024 12:40	6.1	74	13	8.3	0.00
23/04/2024 12:50	6.5	72	11	8.5	0.00
23/04/2024 13:00	7.1	71	12	9.5	0.00
23/04/2024 13:10	6.6	67	13	9.3	0.00
23/04/2024 13:20	5.7	61	12	8.2	0.00
23/04/2024 13:30	6.5	58	11	9.0	0.00
23/04/2024 13:40	5.9	63	14	8.5	0.00
23/04/2024 13:50	6.0	49	13	8.8	0.00
23/04/2024 14:00	5.7	49	13	7.5	0.00
23/04/2024 14:10	5.9	59	13	8.2	0.00
23/04/2024 14:20	5.2	62	14	7.1	0.00
23/04/2024 14:30	5.4	56	14	7.8	0.00
23/04/2024 14:40	5.1	55	16	7.3	0.00
23/04/2024 14:50	4.7	57	14	6.8	0.00
23/04/2024 15:00	4.9	56	13	6.7	0.00
23/04/2024 15:10	4.4	51	17	6.1	0.00
23/04/2024 15:20	4.1	47	17	6.0	0.00
23/04/2024 15:30	4.2	43	16	6.0	0.00
23/04/2024 15:40	4.4	39	15	5.6	0.00
23/04/2024 15:50	4.5	50	13	5.7	0.00
23/04/2024 16:00	5.0	50	12	7.1	0.00
23/04/2024 16:10	3.8	41	13	5.3	0.00
23/04/2024 16:20	4.7	48	15	6.8	0.00
23/04/2024 16:30	4.4	48	13	6.0	0.00
23/04/2024 16:40	3.6	31	18	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 16:50	3.6	32	17	5.6	0.00
23/04/2024 17:00	3.9	37	14	6.1	0.00
23/04/2024 17:10	3.1	29	19	5.0	0.00
23/04/2024 17:20	3.5	38	15	5.4	0.00
23/04/2024 17:30	3.1	24	16	5.0	0.00
23/04/2024 17:40	2.5	19	18	4.1	0.00
23/04/2024 17:50	3.1	17	18	4.3	0.00
23/04/2024 18:00	2.6	27	15	4.4	0.00
23/04/2024 18:10	3.2	35	12	4.8	0.00
23/04/2024 18:20	1.7	14	19	3.2	0.00
23/04/2024 18:30	2.3	32	15	3.6	0.00
23/04/2024 18:40	3.0	37	12	3.9	0.00
23/04/2024 18:50	2.8	34	12	3.8	0.00
23/04/2024 19:00	2.9	36	11	3.8	0.00
23/04/2024 19:10	2.6	34	13	3.6	0.00
23/04/2024 19:20	1.4	13	16	2.8	0.00
23/04/2024 19:30	2.0	15	15	3.2	0.00
23/04/2024 19:40	2.3	16	15	3.3	0.00
23/04/2024 19:50	1.7	40	14	2.8	0.00
23/04/2024 20:00	2.0	36	16	3.1	0.00
23/04/2024 20:10	1.8	35	12	3.1	0.00
23/04/2024 20:20	1.3	23	13	2.3	0.00
23/04/2024 20:30	0.9	11	11	2.6	0.00
23/04/2024 20:40	0.2	46	7	1.4	0.00
23/04/2024 20:50	0.4	101	21	1.7	0.00
23/04/2024 21:00					0.00
23/04/2024 21:10					0.00
23/04/2024 21:20					0.00
23/04/2024 21:30	0.3	290	1	1.4	0.00
23/04/2024 21:40	0.3	289	4	1.2	0.00
23/04/2024 21:50					0.00
23/04/2024 22:00					0.00
23/04/2024 22:10					0.00
23/04/2024 22:20					0.00
23/04/2024 22:30					0.00
23/04/2024 22:40					0.00
23/04/2024 22:50					0.00
23/04/2024 23:00					0.00
23/04/2024 23:10					0.00
23/04/2024 23:20					0.00
23/04/2024 23:30					0.00
23/04/2024 23:40					0.00
23/04/2024 23:50					0.00
24/04/2024 00:00					0.00
24/04/2024 00:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 00:20					0.00
24/04/2024 00:30					0.00
24/04/2024 00:40					0.00
24/04/2024 00:50					0.00
24/04/2024 01:00	0.1	118	4	1.6	0.00
24/04/2024 01:10	1.9	123	16	2.8	0.00
24/04/2024 01:20	2.3	114	9	3.0	0.00
24/04/2024 01:30	2.3	101	7	3.1	0.00
24/04/2024 01:40	1.8	97	7	2.2	0.00
24/04/2024 01:50	1.4	95	11	1.8	0.00
24/04/2024 02:00	1.0	79	9	1.6	0.00
24/04/2024 02:10	1.0	81	6	1.5	0.00
24/04/2024 02:20	1.4	78	9	2.0	0.00
24/04/2024 02:30	1.7	82	8	2.4	0.00
24/04/2024 02:40	1.6	96	11	2.5	0.00
24/04/2024 02:50	0.6	91	10	1.4	0.00
24/04/2024 03:00	0.4	87	8	1.0	0.00
24/04/2024 03:10	0.4	100	11	1.7	0.00
24/04/2024 03:20	0.2	113	5	0.8	0.00
24/04/2024 03:30	0.2	99	4	0.8	0.00
24/04/2024 03:40	0.1	92	4	0.7	0.00
24/04/2024 03:50					0.00
24/04/2024 04:00					0.00
24/04/2024 04:10					0.00
24/04/2024 04:20					0.00
24/04/2024 04:30	0.9	90	21	1.6	0.00
24/04/2024 04:40	1.1	107	18	2.0	0.00
24/04/2024 04:50	1.0	125	15	2.1	0.00
24/04/2024 05:00	1.6	126	18	3.2	0.00
24/04/2024 05:10	1.0	120	18	2.0	0.00
24/04/2024 05:20	1.5	107	13	2.9	0.00
24/04/2024 05:30	1.7	116	15	3.2	0.00
24/04/2024 05:40	2.1	101	17	3.4	0.00
24/04/2024 05:50	2.6	107	12	4.0	0.00
24/04/2024 06:00	2.2	96	14	4.1	0.00
24/04/2024 06:10	2.5	94	14	3.9	0.00
24/04/2024 06:20	4.1	98	11	5.7	0.00
24/04/2024 06:30	3.8	96	11	5.2	0.00
24/04/2024 06:40	3.7	92	12	5.3	0.00
24/04/2024 06:50	3.9	95	11	5.7	0.00
24/04/2024 07:00	4.3	98	11	5.9	0.00
24/04/2024 07:10	4.4	95	13	6.2	0.00
24/04/2024 07:20	4.9	96	10	6.8	0.00
24/04/2024 07:30	4.9	96	13	6.9	0.00
24/04/2024 07:40	5.3	99	12	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 07:50	4.7	96	14	6.5	0.00
24/04/2024 08:00	4.5	100	13	7.1	0.00
24/04/2024 08:10	4.4	99	14	6.0	0.00
24/04/2024 08:20	4.4	104	12	6.5	0.00
24/04/2024 08:30	4.2	105	15	6.4	0.00
24/04/2024 08:40	4.6	99	14	7.0	0.00
24/04/2024 08:50	4.9	101	12	7.2	0.00
24/04/2024 09:00	5.7	102	12	8.1	0.00
24/04/2024 09:10	5.7	95	12	8.1	0.00
24/04/2024 09:20	5.7	91	12	8.3	0.00
24/04/2024 09:30	5.9	92	16	8.3	0.00
24/04/2024 09:40	5.9	90	13	8.3	0.00
24/04/2024 09:50	5.2	93	14	8.2	0.00
24/04/2024 10:00	5.3	94	12	8.1	0.00
24/04/2024 10:10	5.4	95	14	8.0	0.00
24/04/2024 10:20	5.5	100	13	7.4	0.00
24/04/2024 10:30	5.4	101	13	7.9	0.00
24/04/2024 10:40	5.2	103	13	7.5	0.00
24/04/2024 10:50	4.7	86	12	7.2	0.00
24/04/2024 11:00	5.0	84	12	6.8	0.00
24/04/2024 11:10	6.0	83	10	7.9	0.00
24/04/2024 11:20	6.4	85	11	8.9	0.00
24/04/2024 11:30	5.7	83	13	8.3	0.00
24/04/2024 11:40	5.4	81	12	7.9	0.00
24/04/2024 11:50	5.7	85	11	8.0	0.00
24/04/2024 12:00	6.2	82	12	7.9	0.00
24/04/2024 12:10	5.8	82	13	7.9	0.00
24/04/2024 12:20	5.8	79	12	8.0	0.00
24/04/2024 12:30	5.3	84	14	7.2	0.00
24/04/2024 12:40	4.8	79	13	7.2	0.00
24/04/2024 12:50	5.1	85	13	8.0	0.00
24/04/2024 13:00	5.2	84	13	7.8	0.00
24/04/2024 13:10	5.0	84	12	7.0	0.00
24/04/2024 13:20	5.1	73	11	7.3	0.00
24/04/2024 13:30	5.2	72	10	7.9	0.00
24/04/2024 13:40	5.3	67	11	7.0	0.00
24/04/2024 13:50	5.5	70	12	7.6	0.00
24/04/2024 14:00	4.6	76	13	6.5	0.00
24/04/2024 14:10	5.0	72	13	7.3	0.00
24/04/2024 14:20	4.9	75	12	6.4	0.00
24/04/2024 14:30	4.7	72	12	6.6	0.00
24/04/2024 14:40	4.9	76	12	6.6	0.00
24/04/2024 14:50	3.9	63	12	5.3	0.00
24/04/2024 15:00	4.0	64	13	5.6	0.00
24/04/2024 15:10	4.1	56	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 15:20	3.8	69	14	5.5	0.00
24/04/2024 15:30	4.0	74	12	6.0	0.00
24/04/2024 15:40	4.0	65	14	5.8	0.00
24/04/2024 15:50	3.5	69	11	4.9	0.00
24/04/2024 16:00	3.2	58	13	5.1	0.00
24/04/2024 16:10	4.3	61	12	5.6	0.00
24/04/2024 16:20	4.1	66	12	5.6	0.00
24/04/2024 16:30	3.2	67	12	4.8	0.00
24/04/2024 16:40	3.6	70	10	5.2	0.00
24/04/2024 16:50	3.3	62	11	5.1	0.00
24/04/2024 17:00	3.0	60	12	4.4	0.00
24/04/2024 17:10	3.2	58	12	4.5	0.00
24/04/2024 17:20	3.4	62	12	4.8	0.00
24/04/2024 17:30	3.0	71	10	4.2	0.00
24/04/2024 17:40	2.7	66	11	4.0	0.00
24/04/2024 17:50	2.2	67	10	3.1	0.00
24/04/2024 18:00	3.0	72	10	4.7	0.00
24/04/2024 18:10	2.7	77	9	3.6	0.00
24/04/2024 18:20	2.0	84	11	3.0	0.00
24/04/2024 18:30	1.6	87	10	2.2	0.00
24/04/2024 18:40	1.2	74	11	2.1	0.00
24/04/2024 18:50	1.2	83	11	1.9	0.00
24/04/2024 19:00	0.7	96	10	1.4	0.00
24/04/2024 19:10	0.2	88	4	1.4	0.00
24/04/2024 19:20	1.7	90	10	2.4	0.00
24/04/2024 19:30	2.1	87	9	2.8	0.00
24/04/2024 19:40	2.3	94	9	2.9	0.00
24/04/2024 19:50	2.0	94	9	2.8	0.00
24/04/2024 20:00	1.7	92	9	2.5	0.00
24/04/2024 20:10	1.5	92	9	2.2	0.00
24/04/2024 20:20	2.1	90	10	2.8	0.00
24/04/2024 20:30	2.2	90	9	3.1	0.00
24/04/2024 20:40	2.2	84	8	2.8	0.00
24/04/2024 20:50	1.8	84	8	2.6	0.00
24/04/2024 21:00	1.6	92	9	2.0	0.00
24/04/2024 21:10	1.5	89	10	2.0	0.00
24/04/2024 21:20	1.5	91	9	2.2	0.00
24/04/2024 21:30	1.6	86	8	2.2	0.00
24/04/2024 21:40	1.1	95	8	1.8	0.00
24/04/2024 21:50	1.4	90	8	1.8	0.00
24/04/2024 22:00	0.8	77	5	1.9	0.00
24/04/2024 22:10					0.00
24/04/2024 22:20					0.00
24/04/2024 22:30					0.00
24/04/2024 22:40	1.4	86	7	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 22:50	1.5	92	8	2.1	0.00
24/04/2024 23:00	1.0	89	9	1.5	0.00
24/04/2024 23:10					0.00
24/04/2024 23:20					0.00
24/04/2024 23:30					0.00
24/04/2024 23:40					0.00
24/04/2024 23:50					0.00
25/04/2024 00:00					0.00
25/04/2024 00:10					0.00
25/04/2024 00:20					0.00
25/04/2024 00:30					0.00
25/04/2024 00:40					0.00
25/04/2024 00:50					0.00
25/04/2024 01:00					0.00
25/04/2024 01:10					0.00
25/04/2024 01:20					0.00
25/04/2024 01:30	0.1	121	4	1.4	0.00
25/04/2024 01:40					0.00
25/04/2024 01:50					0.00
25/04/2024 02:00					0.00
25/04/2024 02:10					0.00
25/04/2024 02:20					0.00
25/04/2024 02:30					0.00
25/04/2024 02:40					0.00
25/04/2024 02:50					0.00
25/04/2024 03:00					0.00
25/04/2024 03:10					0.00
25/04/2024 03:20					0.00
25/04/2024 03:30					0.00
25/04/2024 03:40	1.4	116	11	2.2	0.00
25/04/2024 03:50	2.0	121	13	2.8	0.00
25/04/2024 04:00	2.2	117	15	3.4	0.00
25/04/2024 04:10	2.6	96	14	4.3	0.00
25/04/2024 04:20	3.4	90	13	4.8	0.00
25/04/2024 04:30	3.3	88	12	4.8	0.00
25/04/2024 04:40	2.9	84	13	4.3	0.00
25/04/2024 04:50	2.7	86	10	4.1	0.00
25/04/2024 05:00	2.6	82	11	3.6	0.00
25/04/2024 05:10	2.6	82	12	3.4	0.00
25/04/2024 05:20	2.7	83	12	3.8	0.00
25/04/2024 05:30	2.4	83	10	3.5	0.00
25/04/2024 05:40	2.4	85	13	3.4	0.00
25/04/2024 05:50	2.6	87	13	3.4	0.00
25/04/2024 06:00	3.0	86	12	4.4	0.00
25/04/2024 06:10	2.7	80	11	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 06:20	2.8	90	12	4.4	0.00
25/04/2024 06:30	2.1	100	11	3.1	0.00
25/04/2024 06:40	2.6	95	14	4.4	0.00
25/04/2024 06:50	3.0	86	11	4.6	0.00
25/04/2024 07:00	2.9	83	11	4.4	0.00
25/04/2024 07:10	3.3	81	12	4.5	0.00
25/04/2024 07:20	3.1	84	11	4.4	0.00
25/04/2024 07:30	3.8	93	13	5.6	0.00
25/04/2024 07:40	4.1	95	14	6.0	0.00
25/04/2024 07:50	4.4	97	10	5.9	0.00
25/04/2024 08:00	4.9	99	10	6.4	0.00
25/04/2024 08:10	4.9	98	11	6.8	0.00
25/04/2024 08:20	4.7	95	11	6.6	0.00
25/04/2024 08:30	4.9	96	11	7.0	0.00
25/04/2024 08:40	4.9	98	12	6.7	0.00
25/04/2024 08:50	5.2	102	11	6.9	0.00
25/04/2024 09:00	4.7	100	11	6.8	0.00
25/04/2024 09:10	4.4	104	12	6.5	0.00
25/04/2024 09:20	5.4	100	12	7.7	0.00
25/04/2024 09:30	5.9	104	12	7.8	0.00
25/04/2024 09:40	5.0	94	13	7.6	0.00
25/04/2024 09:50	5.3	94	14	7.2	0.00
25/04/2024 10:00	6.3	92	15	8.9	0.00
25/04/2024 10:10	5.6	94	13	8.6	0.00
25/04/2024 10:20	6.4	87	13	8.9	0.00
25/04/2024 10:30	6.3	89	12	9.1	0.00
25/04/2024 10:40	7.1	89	10	9.7	0.00
25/04/2024 10:50	6.4	80	10	9.0	0.00
25/04/2024 11:00	6.4	81	13	8.7	0.00
25/04/2024 11:10	6.1	80	14	9.1	0.00
25/04/2024 11:20	6.2	75	12	9.2	0.00
25/04/2024 11:30	6.1	77	13	8.9	0.00
25/04/2024 11:40	6.5	73	10	9.1	0.00
25/04/2024 11:50	7.0	75	12	9.5	0.00
25/04/2024 12:00	6.8	75	11	9.6	0.00
25/04/2024 12:10	7.1	77	11	10.1	0.00
25/04/2024 12:20	6.3	74	12	8.3	0.00
25/04/2024 12:30	6.7	79	12	9.4	0.00
25/04/2024 12:40	6.4	76	13	9.1	0.00
25/04/2024 12:50	7.0	74	11	9.7	0.00
25/04/2024 13:00	6.3	77	11	8.8	0.00
25/04/2024 13:10	6.0	77	12	8.3	0.00
25/04/2024 13:20	5.8	78	13	8.1	0.00
25/04/2024 13:30	6.3	78	13	8.6	0.00
25/04/2024 13:40	5.4	72	13	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 13:50	6.4	71	14	8.8	0.00
25/04/2024 14:00	6.3	61	12	8.9	0.00
25/04/2024 14:10	6.4	62	12	8.7	0.00
25/04/2024 14:20	6.6	64	11	9.1	0.00
25/04/2024 14:30	6.4	72	12	9.1	0.00
25/04/2024 14:40	6.8	67	13	9.5	0.00
25/04/2024 14:50	7.3	68	11	10.1	0.00
25/04/2024 15:00	7.1	65	10	9.5	0.00
25/04/2024 15:10	5.9	67	12	7.9	0.00
25/04/2024 15:20	6.4	66	11	8.6	0.00
25/04/2024 15:30	6.1	66	11	9.1	0.00
25/04/2024 15:40	6.0	78	10	8.3	0.00
25/04/2024 15:50	5.5	73	12	7.9	0.00
25/04/2024 16:00	5.6	68	12	7.7	0.00
25/04/2024 16:10	5.8	69	12	8.1	0.00
25/04/2024 16:20	5.6	70	10	7.9	0.00
25/04/2024 16:30	5.0	60	12	7.2	0.00
25/04/2024 16:40	4.4	66	11	6.0	0.00
25/04/2024 16:50	4.6	56	14	6.4	0.00
25/04/2024 17:00	4.7	57	11	6.0	0.00
25/04/2024 17:10	4.9	57	11	6.5	0.00
25/04/2024 17:20	4.2	62	10	6.2	0.00
25/04/2024 17:30	4.4	58	11	6.6	0.00
25/04/2024 17:40	4.3	57	11	6.4	0.00
25/04/2024 17:50	3.8	59	10	5.5	0.00
25/04/2024 18:00	4.1	60	11	5.6	0.00
25/04/2024 18:10	4.1	57	11	5.7	0.00
25/04/2024 18:20	3.6	45	10	5.2	0.00
25/04/2024 18:30	3.2	41	11	4.8	0.00
25/04/2024 18:40	3.0	34	11	4.4	0.00
25/04/2024 18:50	3.5	41	12	4.8	0.00
25/04/2024 19:00	3.7	37	11	4.8	0.00
25/04/2024 19:10	4.0	35	11	5.5	0.00
25/04/2024 19:20	3.8	33	12	5.4	0.00
25/04/2024 19:30	2.7	28	13	4.3	0.00
25/04/2024 19:40	2.2	26	16	3.3	0.00
25/04/2024 19:50	2.2	17	17	3.3	0.00
25/04/2024 20:00	2.0	10	17	3.2	0.00
25/04/2024 20:10	2.8	5	20	4.3	0.00
25/04/2024 20:20	2.9	3	17	4.2	0.00
25/04/2024 20:30	3.2	356	18	4.8	0.00
25/04/2024 20:40	3.1	359	13	4.5	0.00
25/04/2024 20:50	2.7	181	19	4.4	0.00
25/04/2024 21:00	2.2	10	16	3.2	0.00
25/04/2024 21:10	0.7	40	13	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 21:20	0.1	215	4	0.6	0.00
25/04/2024 21:30	0.0	43	1	0.4	0.00
25/04/2024 21:40	0.8	92	6	2.2	0.00
25/04/2024 21:50	1.9	64	10	2.4	0.00
25/04/2024 22:00	1.3	79	11	2.1	0.00
25/04/2024 22:10					0.00
25/04/2024 22:20	1.0	39	10	1.7	0.00
25/04/2024 22:30	1.9	51	11	3.1	0.00
25/04/2024 22:40	0.7	97	9	1.4	0.00
25/04/2024 22:50	1.3	91	8	1.9	0.00
25/04/2024 23:00	2.1	52	13	2.6	0.00
25/04/2024 23:10	1.0	91	5	2.0	0.00
25/04/2024 23:20	1.6	60	8	2.8	0.00
25/04/2024 23:30	1.1	73	21	1.5	0.00
25/04/2024 23:40	1.6	111	15	2.3	0.00
25/04/2024 23:50	2.0	88	10	2.6	0.00
26/04/2024 00:00	1.9	76	10	2.3	0.00
26/04/2024 00:10	1.1	95	11	2.0	0.00
26/04/2024 00:20					0.00
26/04/2024 00:30	0.9	104	10	2.0	0.00
26/04/2024 00:40	0.2	74	4	1.2	0.00
26/04/2024 00:50					0.00
26/04/2024 01:00	0.6	92	5	1.6	0.00
26/04/2024 01:10	0.4	116	13	1.1	0.00
26/04/2024 01:20	0.8	114	8	1.6	0.00
26/04/2024 01:30	0.1	88	3	0.9	0.00
26/04/2024 01:40					0.00
26/04/2024 01:50	2.0	88	10	3.4	0.00
26/04/2024 02:00	4.1	95	11	5.2	0.00
26/04/2024 02:10	4.1	95	11	5.6	0.00
26/04/2024 02:20	3.6	99	12	4.7	0.00
26/04/2024 02:30	3.9	100	10	5.2	0.00
26/04/2024 02:40	3.1	99	12	4.3	0.00
26/04/2024 02:50	2.6	95	12	3.7	0.00
26/04/2024 03:00	2.7	95	10	3.7	0.00
26/04/2024 03:10	2.4	87	11	4.0	0.00
26/04/2024 03:20	2.3	83	9	3.4	0.00
26/04/2024 03:30	2.5	88	10	3.5	0.00
26/04/2024 03:40	1.5	87	8	2.9	0.00
26/04/2024 03:50	2.5	86	9	3.7	0.00
26/04/2024 04:00	2.5	87	8	3.2	0.00
26/04/2024 04:10	2.2	85	11	2.9	0.00
26/04/2024 04:20	1.7	78	9	2.4	0.00
26/04/2024 04:30	2.3	79	8	2.9	0.00
26/04/2024 04:40	2.3	80	8	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 04:50	2.8	80	10	3.7	0.00
26/04/2024 05:00	2.7	86	9	3.6	0.00
26/04/2024 05:10	3.1	87	11	4.3	0.00
26/04/2024 05:20	3.1	86	9	4.0	0.00
26/04/2024 05:30	2.6	85	8	3.4	0.00
26/04/2024 05:40	3.0	88	10	3.9	0.00
26/04/2024 05:50	2.9	84	10	3.8	0.00
26/04/2024 06:00	2.6	82	10	3.6	0.00
26/04/2024 06:10	2.5	82	10	3.4	0.00
26/04/2024 06:20	2.2	83	11	3.0	0.00
26/04/2024 06:30	2.4	80	10	3.2	0.00
26/04/2024 06:40	2.6	74	10	3.3	0.00
26/04/2024 06:50	3.0	75	9	3.9	0.00
26/04/2024 07:00	3.0	76	9	4.3	0.00
26/04/2024 07:10	2.9	72	8	3.8	0.00
26/04/2024 07:20	3.1	75	8	4.0	0.00
26/04/2024 07:30	3.1	77	10	4.1	0.00
26/04/2024 07:40	3.3	78	11	4.4	0.00
26/04/2024 07:50	3.5	79	10	4.5	0.00
26/04/2024 08:00	3.6	81	10	4.9	0.00
26/04/2024 08:10	3.6	81	12	5.0	0.00
26/04/2024 08:20	3.8	81	12	5.1	0.00
26/04/2024 08:30	3.7	82	13	5.3	0.00
26/04/2024 08:40	4.0	84	11	5.3	0.00
26/04/2024 08:50	4.1	84	12	5.7	0.00
26/04/2024 09:00	3.8	86	12	5.3	0.00
26/04/2024 09:10	4.3	93	14	6.1	0.00
26/04/2024 09:20	4.9	87	11	6.8	0.00
26/04/2024 09:30	5.5	88	9	7.6	0.00
26/04/2024 09:40	5.6	85	12	7.9	0.00
26/04/2024 09:50	6.0	89	11	8.3	0.00
26/04/2024 10:00	6.0	91	11	8.0	0.00
26/04/2024 10:10	6.3	82	12	8.9	0.00
26/04/2024 10:20	6.6	86	11	9.2	0.00
26/04/2024 10:30	6.6	83	11	9.4	0.00
26/04/2024 10:40	7.1	86	12	10.0	0.00
26/04/2024 10:50	6.4	86	13	9.0	0.00
26/04/2024 11:00	5.9	87	13	8.3	0.00
26/04/2024 11:10	6.2	84	13	8.7	0.00
26/04/2024 11:20	6.4	81	10	8.7	0.00
26/04/2024 11:30	6.7	79	12	8.6	0.00
26/04/2024 11:40	6.5	76	10	8.9	0.00
26/04/2024 11:50	6.7	78	12	9.2	0.00
26/04/2024 12:00	6.3	80	11	8.9	0.00
26/04/2024 12:10	6.0	78	10	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 12:20	6.3	81	10	8.5	0.00
26/04/2024 12:30	5.7	73	12	7.6	0.00
26/04/2024 12:40	5.8	80	12	7.6	0.00
26/04/2024 12:50	5.2	84	12	7.2	0.00
26/04/2024 13:00	5.3	82	11	7.3	0.00
26/04/2024 13:10	4.9	80	12	7.1	0.00
26/04/2024 13:20	5.2	67	12	7.0	0.00
26/04/2024 13:30	5.0	75	13	7.6	0.00
26/04/2024 13:40	5.7	70	12	7.7	0.00
26/04/2024 13:50	5.6	70	14	7.5	0.00
26/04/2024 14:00	5.7	69	11	7.6	0.00
26/04/2024 14:10	5.2	72	11	7.2	0.00
26/04/2024 14:20	6.0	66	11	7.7	0.00
26/04/2024 14:30	5.5	68	12	6.9	0.00
26/04/2024 14:40	5.6	71	12	7.0	0.00
26/04/2024 14:50	5.0	74	11	6.5	0.00
26/04/2024 15:00	4.7	76	12	6.2	0.00
26/04/2024 15:10	4.0	66	13	5.6	0.00
26/04/2024 15:20	4.0	69	12	5.7	0.00
26/04/2024 15:30	3.6	65	12	4.9	0.00
26/04/2024 15:40	4.4	68	14	6.0	0.00
26/04/2024 15:50	5.0	76	11	7.1	0.00
26/04/2024 16:00	4.3	75	11	5.9	0.00
26/04/2024 16:10	3.7	70	12	4.9	0.00
26/04/2024 16:20	4.0	66	11	5.4	0.00
26/04/2024 16:30	4.0	60	12	5.7	0.00
26/04/2024 16:40	3.8	61	10	5.4	0.00
26/04/2024 16:50	3.6	60	13	5.2	0.00
26/04/2024 17:00	4.0	58	9	5.5	0.00
26/04/2024 17:10	4.1	59	11	5.5	0.00
26/04/2024 17:20	3.7	56	12	5.2	0.00
26/04/2024 17:30	3.2	46	11	5.0	0.00
26/04/2024 17:40	2.6	45	13	3.9	0.00
26/04/2024 17:50	2.0	40	13	3.1	0.00
26/04/2024 18:00	1.8	50	10	2.5	0.00
26/04/2024 18:10	2.1	62	8	2.8	0.00
26/04/2024 18:20	2.3	62	8	2.8	0.00
26/04/2024 18:30	2.2	45	10	3.0	0.00
26/04/2024 18:40	2.9	46	11	3.9	0.00
26/04/2024 18:50	2.4	53	11	3.5	0.00
26/04/2024 19:00	1.1	45	16	2.4	0.00
26/04/2024 19:10	1.0	38	19	1.9	0.00
26/04/2024 19:20	0.3	173	17	1.5	0.00
26/04/2024 19:30	1.3	352	23	2.4	0.00
26/04/2024 19:40	1.2	14	16	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 19:50	1.5	25	17	2.6	0.00
26/04/2024 20:00	1.8	19	18	3.2	0.00
26/04/2024 20:10	2.1	16	18	3.0	0.00
26/04/2024 20:20	1.4	177	24	2.4	0.00
26/04/2024 20:30	1.0	344	21	2.3	0.00
26/04/2024 20:40	1.1	158	56	2.9	0.00
26/04/2024 20:50	0.6	233	38	1.6	0.00
26/04/2024 21:00	1.3	5	39	2.9	0.00
26/04/2024 21:10	0.7	87	13	2.1	0.00
26/04/2024 21:20	0.1	99	5	1.4	0.00
26/04/2024 21:30					0.00
26/04/2024 21:40					0.00
26/04/2024 21:50					0.00
26/04/2024 22:00					0.00
26/04/2024 22:10					0.00
26/04/2024 22:20					0.00
26/04/2024 22:30					0.00
26/04/2024 22:40					0.00
26/04/2024 22:50					0.00
26/04/2024 23:00					0.00
26/04/2024 23:10					0.00
26/04/2024 23:20					0.00
26/04/2024 23:30					0.00
26/04/2024 23:40					0.00
26/04/2024 23:50					0.00
27/04/2024 00:00					0.00
27/04/2024 00:10					0.00
27/04/2024 00:20					0.00
27/04/2024 00:30					0.00
27/04/2024 00:40					0.00
27/04/2024 00:50					0.00
27/04/2024 01:00					0.00
27/04/2024 01:10					0.00
27/04/2024 01:20					0.00
27/04/2024 01:30					0.00
27/04/2024 01:40					0.00
27/04/2024 01:50					0.00
27/04/2024 02:00					0.00
27/04/2024 02:10					0.00
27/04/2024 02:20					0.00
27/04/2024 02:30					0.00
27/04/2024 02:40					0.00
27/04/2024 02:50					0.00
27/04/2024 03:00					0.00
27/04/2024 03:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 03:20					0.00
27/04/2024 03:30					0.00
27/04/2024 03:40					0.00
27/04/2024 03:50					0.00
27/04/2024 04:00					0.00
27/04/2024 04:10					0.00
27/04/2024 04:20					0.00
27/04/2024 04:30					0.00
27/04/2024 04:40					0.00
27/04/2024 04:50					0.00
27/04/2024 05:00					0.00
27/04/2024 05:10					0.00
27/04/2024 05:20					0.00
27/04/2024 05:30					0.00
27/04/2024 05:40					0.00
27/04/2024 05:50					0.00
27/04/2024 06:00					0.00
27/04/2024 06:10					0.00
27/04/2024 06:20					0.00
27/04/2024 06:30					0.00
27/04/2024 06:40					0.00
27/04/2024 06:50					0.00
27/04/2024 07:00					0.00
27/04/2024 07:10	1.0	96	7	1.9	0.00
27/04/2024 07:20	1.1	100	12	1.5	0.00
27/04/2024 07:30	1.5	103	12	2.0	0.00
27/04/2024 07:40	1.7	101	12	2.4	0.00
27/04/2024 07:50	1.7	95	11	2.1	0.00
27/04/2024 08:00	2.4	84	10	3.1	0.00
27/04/2024 08:10	2.5	84	10	3.2	0.00
27/04/2024 08:20	2.4	97	13	3.2	0.00
27/04/2024 08:30	2.6	87	12	3.6	0.00
27/04/2024 08:40	3.0	80	11	3.9	0.00
27/04/2024 08:50	3.1	84	11	4.0	0.00
27/04/2024 09:00	3.0	94	13	4.1	0.00
27/04/2024 09:10	2.8	91	13	3.7	0.00
27/04/2024 09:20	3.1	90	15	4.2	0.00
27/04/2024 09:30	3.4	87	15	4.6	0.00
27/04/2024 09:40	3.5	89	11	4.9	0.00
27/04/2024 09:50	3.3	96	16	4.5	0.00
27/04/2024 10:00	3.5	99	14	4.6	0.00
27/04/2024 10:10	3.2	82	13	4.8	0.00
27/04/2024 10:20	3.2	88	18	4.1	0.00
27/04/2024 10:30	3.6	91	13	5.2	0.00
27/04/2024 10:40	4.1	83	14	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 10:50	4.1	76	12	5.6	0.00
27/04/2024 11:00	4.4	84	11	5.9	0.00
27/04/2024 11:10	4.5	83	13	6.3	0.00
27/04/2024 11:20	4.9	75	12	6.8	0.00
27/04/2024 11:30	4.6	71	14	6.0	0.00
27/04/2024 11:40	4.5	72	11	6.8	0.00
27/04/2024 11:50	4.6	81	12	6.4	0.00
27/04/2024 12:00	4.6	80	11	6.2	0.00
27/04/2024 12:10	4.5	81	14	6.1	0.00
27/04/2024 12:20	4.8	82	12	6.6	0.00
27/04/2024 12:30	4.4	80	12	6.6	0.00
27/04/2024 12:40	4.2	81	14	6.0	0.00
27/04/2024 12:50	4.3	82	12	5.9	0.00
27/04/2024 13:00	4.5	77	12	5.9	0.00
27/04/2024 13:10	4.5	74	10	6.0	0.00
27/04/2024 13:20	4.3	78	13	5.9	0.00
27/04/2024 13:30	4.9	69	11	6.6	0.00
27/04/2024 13:40	4.5	65	12	6.6	0.00
27/04/2024 13:50	4.7	70	12	6.0	0.00
27/04/2024 14:00	4.3	63	13	5.7	0.00
27/04/2024 14:10	5.0	70	12	7.2	0.00
27/04/2024 14:20	4.3	70	13	6.3	0.00
27/04/2024 14:30	4.0	66	12	5.2	0.00
27/04/2024 14:40	4.8	73	12	6.5	0.00
27/04/2024 14:50	4.2	66	13	5.7	0.00
27/04/2024 15:00	4.8	60	12	7.0	0.00
27/04/2024 15:10	4.9	66	11	7.0	0.00
27/04/2024 15:20	4.5	70	13	6.4	0.00
27/04/2024 15:30	4.8	73	12	6.4	0.00
27/04/2024 15:40	5.1	64	14	6.8	0.00
27/04/2024 15:50	4.7	58	12	6.8	0.00
27/04/2024 16:00	5.1	63	10	6.8	0.00
27/04/2024 16:10	4.1	62	13	5.6	0.00
27/04/2024 16:20	4.4	63	13	5.9	0.00
27/04/2024 16:30	4.3	70	12	6.2	0.00
27/04/2024 16:40	4.1	72	11	5.6	0.00
27/04/2024 16:50	3.6	67	12	4.9	0.00
27/04/2024 17:00	3.6	67	12	4.9	0.00
27/04/2024 17:10	3.2	69	11	4.6	0.00
27/04/2024 17:20	3.3	72	12	4.6	0.00
27/04/2024 17:30	3.2	70	11	4.4	0.00
27/04/2024 17:40	2.8	74	10	4.1	0.00
27/04/2024 17:50	2.4	73	10	3.2	0.00
27/04/2024 18:00	2.8	81	9	3.6	0.00
27/04/2024 18:10	2.9	78	11	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 18:20	3.3	74	8	4.3	0.00
27/04/2024 18:30	2.8	72	8	3.8	0.00
27/04/2024 18:40	2.6	69	8	3.8	0.00
27/04/2024 18:50	2.3	70	11	3.2	0.00
27/04/2024 19:00	2.4	78	9	3.4	0.00
27/04/2024 19:10	2.0	78	11	2.9	0.00
27/04/2024 19:20	2.4	79	11	3.2	0.00
27/04/2024 19:30	2.3	71	11	3.2	0.00
27/04/2024 19:40	1.9	54	12	2.8	0.00
27/04/2024 19:50	2.3	40	13	3.6	0.00
27/04/2024 20:00	1.8	11	15	3.1	0.00
27/04/2024 20:10	2.4	20	17	3.6	0.00
27/04/2024 20:20	2.5	10	15	4.2	0.00
27/04/2024 20:30	2.5	4	17	3.6	0.00
27/04/2024 20:40	2.6	9	16	3.6	0.00
27/04/2024 20:50	2.9	10	13	4.0	0.00
27/04/2024 21:00	2.6	15	16	4.0	0.00
27/04/2024 21:10	2.7	4	15	3.9	0.00
27/04/2024 21:20	2.5	182	18	3.9	0.00
27/04/2024 21:30	2.6	27	13	3.5	0.00
27/04/2024 21:40	2.1	20	14	3.2	0.00
27/04/2024 21:50	1.8	23	16	2.8	0.00
27/04/2024 22:00	2.0	19	21	3.1	0.00
27/04/2024 22:10	1.8	24	14	2.8	0.00
27/04/2024 22:20	2.1	24	16	3.3	0.00
27/04/2024 22:30	1.9	11	18	3.1	0.00
27/04/2024 22:40	1.7	16	21	2.7	0.00
27/04/2024 22:50	1.3	161	35	2.6	0.00
27/04/2024 23:00					0.00
27/04/2024 23:10					0.00
27/04/2024 23:20	0.8	116	6	2.1	0.00
27/04/2024 23:30	0.1	119	4	0.7	0.00
27/04/2024 23:40	0.2	234	5	1.6	0.00
27/04/2024 23:50					0.00
28/04/2024 00:00					0.00
28/04/2024 00:10					0.00
28/04/2024 00:20					0.00
28/04/2024 00:30					0.00
28/04/2024 00:40					0.00
28/04/2024 00:50					0.00
28/04/2024 01:00					0.00
28/04/2024 01:10					0.00
28/04/2024 01:20					0.00
28/04/2024 01:30					0.00
28/04/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 01:50					0.00
28/04/2024 02:00					0.00
28/04/2024 02:10	0.7	138	16	1.9	0.00
28/04/2024 02:20	0.8	130	13	1.8	0.00
28/04/2024 02:30					0.00
28/04/2024 02:40					0.00
28/04/2024 02:50					0.00
28/04/2024 03:00	0.7	117	8	1.5	0.00
28/04/2024 03:10	0.8	115	8	1.4	0.00
28/04/2024 03:20					0.00
28/04/2024 03:30					0.00
28/04/2024 03:40	0.1	88	2	0.8	0.00
28/04/2024 03:50	0.2	105	3	0.8	0.00
28/04/2024 04:00	0.1	92	1	0.6	0.00
28/04/2024 04:10					0.00
28/04/2024 04:20					0.00
28/04/2024 04:30					0.00
28/04/2024 04:40	0.1	237	5	0.6	0.00
28/04/2024 04:50	0.5	169	22	1.1	0.00
28/04/2024 05:00	0.4	133	10	0.9	0.00
28/04/2024 05:10	0.1	132	3	0.9	0.00
28/04/2024 05:20					0.00
28/04/2024 05:30	0.3	131	8	0.9	0.00
28/04/2024 05:40	1.0	93	14	1.4	0.00
28/04/2024 05:50	1.1	102	12	1.5	0.00
28/04/2024 06:00	1.2	112	10	1.6	0.00
28/04/2024 06:10	0.3	126	7	1.4	0.00
28/04/2024 06:20	1.7	101	8	2.2	0.00
28/04/2024 06:30	2.0	88	9	2.6	0.00
28/04/2024 06:40	2.0	93	10	2.6	0.00
28/04/2024 06:50	1.9	106	9	2.5	0.00
28/04/2024 07:00	2.0	101	9	2.6	0.00
28/04/2024 07:10	1.9	99	10	2.4	0.00
28/04/2024 07:20	2.2	101	12	2.9	0.00
28/04/2024 07:30	2.7	93	10	3.6	0.00
28/04/2024 07:40	3.0	91	11	3.7	0.00
28/04/2024 07:50	3.0	91	13	4.0	0.00
28/04/2024 08:00	3.1	99	13	4.0	0.00
28/04/2024 08:10	3.1	101	9	4.0	0.00
28/04/2024 08:20	2.5	94	13	3.3	0.00
28/04/2024 08:30	2.5	88	14	3.4	0.00
28/04/2024 08:40	2.9	99	14	4.0	0.00
28/04/2024 08:50	3.1	94	13	4.0	0.00
28/04/2024 09:00	2.9	85	12	4.0	0.00
28/04/2024 09:10	3.4	97	13	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 09:20	3.5	97	10	4.7	0.00
28/04/2024 09:30	3.6	96	11	4.7	0.00
28/04/2024 09:40	3.4	95	11	4.5	0.00
28/04/2024 09:50	3.8	95	10	5.0	0.00
28/04/2024 10:00	3.0	93	13	4.6	0.00
28/04/2024 10:10	3.0	87	17	4.3	0.00
28/04/2024 10:20	3.2	85	15	4.8	0.00
28/04/2024 10:30	3.6	90	11	5.2	0.00
28/04/2024 10:40	4.1	84	12	5.8	0.00
28/04/2024 10:50	4.3	83	12	5.4	0.00
28/04/2024 11:00	4.1	84	13	6.0	0.00
28/04/2024 11:10	4.5	81	12	6.4	0.00
28/04/2024 11:20	4.3	87	13	6.1	0.00
28/04/2024 11:30	4.4	75	12	6.3	0.00
28/04/2024 11:40	4.5	71	11	6.2	0.00
28/04/2024 11:50	4.8	73	13	7.0	0.00
28/04/2024 12:00	4.6	74	14	6.5	0.00
28/04/2024 12:10	5.0	78	13	7.2	0.00
28/04/2024 12:20	5.1	80	13	7.0	0.00
28/04/2024 12:30	5.2	78	12	6.9	0.00
28/04/2024 12:40	5.3	74	13	7.1	0.00
28/04/2024 12:50	5.3	82	13	7.5	0.00
28/04/2024 13:00	6.0	72	11	7.9	0.00
28/04/2024 13:10	5.6	65	13	7.8	0.00
28/04/2024 13:20	5.5	70	14	7.9	0.00
28/04/2024 13:30	5.3	64	14	7.5	0.00
28/04/2024 13:40	5.4	76	12	7.2	0.00
28/04/2024 13:50	5.0	55	14	6.5	0.00
28/04/2024 14:00	5.0	54	13	6.9	0.00
28/04/2024 14:10	4.8	61	14	6.7	0.00
28/04/2024 14:20	5.2	68	13	7.1	0.00
28/04/2024 14:30	4.9	57	13	7.2	0.00
28/04/2024 14:40	5.1	49	11	6.8	0.00
28/04/2024 14:50	5.1	47	14	6.9	0.00
28/04/2024 15:00	4.7	58	12	5.9	0.00
28/04/2024 15:10	4.1	49	15	5.6	0.00
28/04/2024 15:20	4.0	43	18	5.7	0.00
28/04/2024 15:30	3.8	40	13	5.4	0.00
28/04/2024 15:40	4.3	37	13	6.0	0.00
28/04/2024 15:50	3.8	34	16	5.7	0.00
28/04/2024 16:00	4.3	37	10	5.6	0.00
28/04/2024 16:10	4.1	36	15	5.5	0.00
28/04/2024 16:20	3.9	43	13	5.6	0.00
28/04/2024 16:30	4.0	39	11	5.3	0.00
28/04/2024 16:40	4.0	37	13	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 16:50	2.7	10	20	4.3	0.00
28/04/2024 17:00	2.8	10	17	4.6	0.00
28/04/2024 17:10	2.5	353	23	3.8	0.00
28/04/2024 17:20	2.0	354	20	3.3	0.00
28/04/2024 17:30	2.1	346	20	3.7	0.00
28/04/2024 17:40	3.0	347	17	4.4	0.00
28/04/2024 17:50	2.4	351	20	3.5	0.00
28/04/2024 18:00	2.3	349	18	3.9	0.00
28/04/2024 18:10	2.6	351	16	3.6	0.00
28/04/2024 18:20	2.5	178	17	4.0	0.00
28/04/2024 18:30	2.5	353	18	3.8	0.00
28/04/2024 18:40	2.6	359	15	3.7	0.00
28/04/2024 18:50	2.6	354	15	3.5	0.00
28/04/2024 19:00	2.4	345	15	3.6	0.00
28/04/2024 19:10	2.4	335	12	3.5	0.00
28/04/2024 19:20	3.2	334	13	4.3	0.00
28/04/2024 19:30	2.7	175	15	4.0	0.00
28/04/2024 19:40	2.4	181	17	3.2	0.00
28/04/2024 19:50	2.0	29	16	3.1	0.00
28/04/2024 20:00	2.0	44	14	2.8	0.00
28/04/2024 20:10	2.1	38	18	3.1	0.00
28/04/2024 20:20	2.2	179	16	3.2	0.00
28/04/2024 20:30	2.2	17	14	3.1	0.00
28/04/2024 20:40	2.4	38	15	3.3	0.00
28/04/2024 20:50	2.5	2	18	3.7	0.00
28/04/2024 21:00	2.3	28	15	3.1	0.00
28/04/2024 21:10	1.6	42	11	2.8	0.00
28/04/2024 21:20	1.6	341	32	3.3	0.00
28/04/2024 21:30	2.8	337	20	4.4	0.00
28/04/2024 21:40	1.1	287	30	2.6	0.00
28/04/2024 21:50	0.5	239	12	1.2	0.00
28/04/2024 22:00	0.8	214	8	2.4	0.00
28/04/2024 22:10	1.3	217	17	2.2	0.00
28/04/2024 22:20	0.6	220	17	1.7	0.00
28/04/2024 22:30					0.00
28/04/2024 22:40					0.00
28/04/2024 22:50					0.00
28/04/2024 23:00					0.00
28/04/2024 23:10					0.00
28/04/2024 23:20					0.00
28/04/2024 23:30					0.00
28/04/2024 23:40					0.00
28/04/2024 23:50					0.00
29/04/2024 00:00					0.00
29/04/2024 00:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 00:20					0.00
29/04/2024 00:30					0.00
29/04/2024 00:40					0.00
29/04/2024 00:50					0.00
29/04/2024 01:00					0.00
29/04/2024 01:10	0.5	217	11	1.9	0.00
29/04/2024 01:20	0.0	229	1	0.9	0.00
29/04/2024 01:30					0.00
29/04/2024 01:40					0.00
29/04/2024 01:50					0.00
29/04/2024 02:00					0.00
29/04/2024 02:10					0.00
29/04/2024 02:20	0.3	244	18	1.6	0.00
29/04/2024 02:30					0.00
29/04/2024 02:40	0.1	267	3	0.9	0.00
29/04/2024 02:50	0.0	261	1	0.9	0.00
29/04/2024 03:00					0.00
29/04/2024 03:10					0.00
29/04/2024 03:20					0.00
29/04/2024 03:30					0.00
29/04/2024 03:40	1.5	246	13	2.4	0.00
29/04/2024 03:50	0.9	247	19	1.8	0.00
29/04/2024 04:00	0.8	231	19	1.9	0.00
29/04/2024 04:10	1.6	231	20	2.5	0.00
29/04/2024 04:20	1.8	232	20	3.1	0.00
29/04/2024 04:30	1.3	228	23	2.2	0.00
29/04/2024 04:40	1.1	233	22	2.3	0.00
29/04/2024 04:50	0.1	246	16	0.8	0.00
29/04/2024 05:00	0.2	299	16	1.0	0.00
29/04/2024 05:10	0.3	169	23	1.6	0.00
29/04/2024 05:20	0.7	98	63	1.9	0.00
29/04/2024 05:30	1.1	59	81	2.8	0.00
29/04/2024 05:40	1.3	125	68	2.4	0.00
29/04/2024 05:50	1.9	137	26	2.9	0.00
29/04/2024 06:00	1.9	130	17	3.1	0.00
29/04/2024 06:10	1.7	131	20	2.5	0.00
29/04/2024 06:20	0.9	107	15	2.0	0.00
29/04/2024 06:30	0.9	86	17	1.9	0.00
29/04/2024 06:40	1.8	105	14	2.5	0.00
29/04/2024 06:50	1.5	87	15	2.5	0.00
29/04/2024 07:00	2.5	89	14	4.0	0.00
29/04/2024 07:10	1.6	88	20	2.7	0.00
29/04/2024 07:20	1.8	85	15	2.8	0.00
29/04/2024 07:30	1.8	85	13	2.6	0.00
29/04/2024 07:40	2.0	83	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 07:50	2.4	76	11	3.3	0.00
29/04/2024 08:00	2.5	74	10	3.3	0.00
29/04/2024 08:10	2.1	76	11	3.0	0.00
29/04/2024 08:20	1.8	80	12	2.9	0.00
29/04/2024 08:30	2.2	87	13	3.2	0.00
29/04/2024 08:40	1.9	91	17	3.0	0.00
29/04/2024 08:50	2.1	108	21	3.7	0.00
29/04/2024 09:00	3.1	121	15	4.6	0.00
29/04/2024 09:10	3.0	122	18	4.8	0.00
29/04/2024 09:20	2.9	114	13	4.4	0.00
29/04/2024 09:30	2.9	113	16	4.5	0.00
29/04/2024 09:40	3.3	120	17	5.2	0.00
29/04/2024 09:50	3.1	100	17	4.3	0.00
29/04/2024 10:00	3.5	90	11	5.2	0.00
29/04/2024 10:10	3.6	94	14	4.9	0.00
29/04/2024 10:20	3.6	97	14	5.3	0.00
29/04/2024 10:30	4.0	85	11	6.0	0.00
29/04/2024 10:40	5.3	78	12	7.4	0.00
29/04/2024 10:50	5.2	77	12	7.2	0.00
29/04/2024 11:00	6.1	74	14	8.6	0.00
29/04/2024 11:10	6.8	73	11	9.4	0.00
29/04/2024 11:20	6.0	74	11	9.8	0.00
29/04/2024 11:30	6.1	75	10	8.8	0.00
29/04/2024 11:40	7.2	72	11	10.4	0.00
29/04/2024 11:50	7.3	72	11	9.7	0.00
29/04/2024 12:00	7.5	76	11	10.3	0.00
29/04/2024 12:10	7.0	78	12	9.9	0.00
29/04/2024 12:20	6.8	76	9	10.0	0.00
29/04/2024 12:30	6.3	74	11	9.1	0.00
29/04/2024 12:40	6.5	78	11	8.7	0.00
29/04/2024 12:50	6.7	72	13	9.4	0.00
29/04/2024 13:00	6.0	73	10	8.8	0.00
29/04/2024 13:10	6.1	66	12	8.3	0.00
29/04/2024 13:20	6.2	69	12	8.1	0.00
29/04/2024 13:30	5.6	68	15	7.5	0.00
29/04/2024 13:40	5.3	60	13	7.5	0.00
29/04/2024 13:50	6.3	58	11	8.5	0.00
29/04/2024 14:00	5.8	61	13	9.3	0.00
29/04/2024 14:10	6.3	60	12	9.0	0.00
29/04/2024 14:20	6.2	55	12	8.9	0.00
29/04/2024 14:30	6.2	52	13	8.2	0.00
29/04/2024 14:40	6.0	53	14	7.9	0.00
29/04/2024 14:50	6.1	49	11	8.6	0.00
29/04/2024 15:00	5.6	47	16	7.8	0.00
29/04/2024 15:10	5.6	42	13	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 15:20	5.2	45	13	6.8	0.00
29/04/2024 15:30	5.5	32	14	7.9	0.00
29/04/2024 15:40	5.2	37	14	7.8	0.00
29/04/2024 15:50	5.6	35	13	7.5	0.00
29/04/2024 16:00	4.8	35	14	6.6	0.00
29/04/2024 16:10	5.5	41	13	7.0	0.00
29/04/2024 16:20	5.1	36	14	7.1	0.00
29/04/2024 16:30	4.9	35	12	6.4	0.00
29/04/2024 16:40	4.8	35	12	6.1	0.00
29/04/2024 16:50	4.7	35	14	6.6	0.00
29/04/2024 17:00	4.5	44	11	6.4	0.00
29/04/2024 17:10	4.5	40	11	6.0	0.00
29/04/2024 17:20	4.4	40	12	5.9	0.00
29/04/2024 17:30	4.1	41	11	5.6	0.00
29/04/2024 17:40	4.3	39	11	5.8	0.00
29/04/2024 17:50	3.8	39	11	5.3	0.00
29/04/2024 18:00	3.8	37	12	5.2	0.00
29/04/2024 18:10	3.9	40	12	5.3	0.00
29/04/2024 18:20	3.9	40	12	5.2	0.00
29/04/2024 18:30	2.9	27	13	4.7	0.00
29/04/2024 18:40	2.1	18	17	3.5	0.00
29/04/2024 18:50	2.3	40	12	3.5	0.00
29/04/2024 19:00	2.2	38	11	3.1	0.00
29/04/2024 19:10	1.7	10	20	3.1	0.00
29/04/2024 19:20	2.5	21	16	3.6	0.00
29/04/2024 19:30	2.3	17	16	3.6	0.00
29/04/2024 19:40	2.3	15	16	3.5	0.00
29/04/2024 19:50	2.2	21	19	3.6	0.00
29/04/2024 20:00	2.1	27	18	3.5	0.00
29/04/2024 20:10	2.2	35	15	3.2	0.00
29/04/2024 20:20	2.0	24	17	3.1	0.00
29/04/2024 20:30	1.9	15	16	2.7	0.00
29/04/2024 20:40	1.2	35	17	2.4	0.00
29/04/2024 20:50	1.0	51	12	2.0	0.00
29/04/2024 21:00	0.7	43	7	1.6	0.00
29/04/2024 21:10	0.0	183	0	0.4	0.00
29/04/2024 21:20					0.00
29/04/2024 21:30					0.00
29/04/2024 21:40					0.00
29/04/2024 21:50					0.00
29/04/2024 22:00	1.4	232	8	4.8	0.00
29/04/2024 22:10	3.2	223	15	4.8	0.00
29/04/2024 22:20	2.7	238	13	3.6	0.00
29/04/2024 22:30	2.4	233	13	3.7	0.00
29/04/2024 22:40	2.1	232	12	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 22:50	1.6	221	14	2.4	0.00
29/04/2024 23:00	0.0	218	6	0.6	0.00
29/04/2024 23:10	0.6	247	4	1.7	0.00
29/04/2024 23:20	1.2	247	7	1.8	0.00
29/04/2024 23:30					0.00
29/04/2024 23:40					0.00
29/04/2024 23:50					0.00
30/04/2024 00:00	0.2	243	2	1.6	0.00
30/04/2024 00:10	1.7	224	15	3.3	0.00
30/04/2024 00:20	0.3	243	10	1.5	0.00
30/04/2024 00:30					0.00
30/04/2024 00:40					0.00
30/04/2024 00:50					0.00
30/04/2024 01:00					0.00
30/04/2024 01:10					0.00
30/04/2024 01:20					0.00
30/04/2024 01:30					0.00
30/04/2024 01:40					0.00
30/04/2024 01:50					0.00
30/04/2024 02:00					0.00
30/04/2024 02:10					0.00
30/04/2024 02:20					0.00
30/04/2024 02:30					0.00
30/04/2024 02:40					0.00
30/04/2024 02:50					0.00
30/04/2024 03:00					0.00
30/04/2024 03:10	0.0	232	5	0.6	0.00
30/04/2024 03:20					0.00
30/04/2024 03:30					0.00
30/04/2024 03:40					0.00
30/04/2024 03:50					0.00
30/04/2024 04:00					0.00
30/04/2024 04:10					0.00
30/04/2024 04:20					0.00
30/04/2024 04:30					0.00
30/04/2024 04:40					0.00
30/04/2024 04:50					0.00
30/04/2024 05:00					0.00
30/04/2024 05:10					0.00
30/04/2024 05:20					0.00
30/04/2024 05:30					0.00
30/04/2024 05:40					0.00
30/04/2024 05:50					0.00
30/04/2024 06:00					0.00
30/04/2024 06:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 06:20					0.00
30/04/2024 06:30	1.6	55	6	2.8	0.00
30/04/2024 06:40	2.1	60	7	2.6	0.00
30/04/2024 06:50	2.2	72	7	2.8	0.00
30/04/2024 07:00	2.6	71	9	3.3	0.00
30/04/2024 07:10	2.1	84	11	3.2	0.00
30/04/2024 07:20	0.3	81	4	2.0	0.00
30/04/2024 07:30	2.1	75	10	3.1	0.00
30/04/2024 07:40	2.8	75	10	3.7	0.00
30/04/2024 07:50	2.9	81	12	4.2	0.00
30/04/2024 08:00	2.7	86	12	4.0	0.00
30/04/2024 08:10	2.9	84	14	4.2	0.00
30/04/2024 08:20	3.0	86	15	4.0	0.00
30/04/2024 08:30	3.2	101	13	4.9	0.00
30/04/2024 08:40	3.9	95	12	5.2	0.00
30/04/2024 08:50	3.4	92	14	5.2	0.00
30/04/2024 09:00	4.9	99	13	6.9	0.00
30/04/2024 09:10	5.4	99	10	7.2	0.00
30/04/2024 09:20	5.3	99	11	7.5	0.00
30/04/2024 09:30	4.9	97	12	6.9	0.00
30/04/2024 09:40	4.9	98	14	7.2	0.00
30/04/2024 09:50	4.8	90	14	7.3	0.00
30/04/2024 10:00	4.8	85	14	6.6	0.00
30/04/2024 10:10	4.8	89	15	7.2	0.00
30/04/2024 10:20	5.6	87	13	7.6	0.00
30/04/2024 10:30	5.7	87	13	8.2	0.00
30/04/2024 10:40	5.8	92	14	8.4	0.00
30/04/2024 10:50	6.5	82	11	9.1	0.00
30/04/2024 11:00	6.6	80	10	8.8	0.00
30/04/2024 11:10	6.6	90	11	9.7	0.00
30/04/2024 11:20	6.9	79	12	10.2	0.00
30/04/2024 11:30	6.0	82	14	8.8	0.00
30/04/2024 11:40	6.8	81	13	9.7	0.00
30/04/2024 11:50	6.5	73	11	9.2	0.00
30/04/2024 12:00	7.2	72	12	9.4	0.00
30/04/2024 12:10	6.8	71	12	9.5	0.00
30/04/2024 12:20	6.4	75	11	8.7	0.00
30/04/2024 12:30	6.2	77	12	8.5	0.00
30/04/2024 12:40	6.0	74	12	8.7	0.00
30/04/2024 12:50	6.3	71	12	9.0	0.00
30/04/2024 13:00	6.3	71	12	8.5	0.00
30/04/2024 13:10	6.0	66	13	8.7	0.00
30/04/2024 13:20	5.2	61	13	7.6	0.00
30/04/2024 13:30	5.6	55	11	7.7	0.00
30/04/2024 13:40	6.0	56	11	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 13:50	5.5	59	14	7.6	0.00
30/04/2024 14:00	5.5	54	11	7.8	0.00
30/04/2024 14:10	5.3	57	12	7.4	0.00
30/04/2024 14:20	5.2	55	11	6.8	0.00
30/04/2024 14:30	5.5	54	13	7.0	0.00
30/04/2024 14:40	4.9	51	14	6.7	0.00
30/04/2024 14:50	4.9	57	12	6.5	0.00
30/04/2024 15:00	5.6	64	13	7.9	0.00
30/04/2024 15:10	5.4	56	11	7.2	0.00
30/04/2024 15:20	5.8	65	11	8.4	0.00
30/04/2024 15:30	5.5	61	10	7.6	0.00
30/04/2024 15:40	5.6	58	13	7.8	0.00
30/04/2024 15:50	5.6	51	12	7.4	0.00
30/04/2024 16:00	5.3	50	15	6.9	0.00
30/04/2024 16:10	4.5	43	14	6.3	0.00
30/04/2024 16:20	5.0	36	13	6.6	0.00
30/04/2024 16:30	4.2	38	14	6.5	0.00
30/04/2024 16:40	4.3	38	14	5.7	0.00
30/04/2024 16:50	4.5	35	14	6.4	0.00
30/04/2024 17:00	4.4	34	12	6.2	0.00
30/04/2024 17:10	3.8	40	13	5.4	0.00
30/04/2024 17:20	3.8	35	13	4.9	0.00
30/04/2024 17:30	3.6	43	14	5.2	0.00
30/04/2024 17:40	3.3	40	12	4.9	0.00
30/04/2024 17:50	3.2	38	11	4.2	0.00
30/04/2024 18:00	2.9	38	12	3.9	0.00
30/04/2024 18:10	2.5	40	13	3.7	0.00
30/04/2024 18:20	3.1	36	13	4.8	0.00
30/04/2024 18:30	3.7	36	14	5.3	0.00
30/04/2024 18:40	2.9	42	12	4.2	0.00
30/04/2024 18:50	2.9	46	11	3.9	0.00
30/04/2024 19:00	2.6	50	11	3.9	0.00
30/04/2024 19:10	2.5	44	11	3.4	0.00
30/04/2024 19:20	2.1	51	12	3.0	0.00
30/04/2024 19:30	2.0	57	10	3.0	0.00
30/04/2024 19:40	1.6	67	8	2.4	0.00
30/04/2024 19:50	2.5	70	11	3.8	0.00
30/04/2024 20:00	2.7	66	9	3.7	0.00
30/04/2024 20:10	2.5	63	8	3.6	0.00
30/04/2024 20:20	2.3	59	9	3.4	0.00
30/04/2024 20:30	2.5	58	9	3.3	0.00
30/04/2024 20:40	2.6	58	10	4.0	0.00
30/04/2024 20:50	1.8	60	10	2.8	0.00
30/04/2024 21:00	2.4	51	11	3.5	0.00
30/04/2024 21:10	1.8	53	10	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 21:20	0.6	58	5	1.6	0.00
30/04/2024 21:30	0.5	59	5	1.6	0.00
30/04/2024 21:40	0.8	60	8	1.4	0.00
30/04/2024 21:50	0.3	60	5	1.2	0.00
30/04/2024 22:00	0.3	67	6	0.9	0.00
30/04/2024 22:10					0.00
30/04/2024 22:20					0.00
30/04/2024 22:30					0.00
30/04/2024 22:40					0.00
30/04/2024 22:50					0.00
30/04/2024 23:00					0.00
30/04/2024 23:10					0.00
30/04/2024 23:20					0.00
30/04/2024 23:30					0.00
30/04/2024 23:40					0.00
30/04/2024 23:50	0.3	85	3	1.4	0.00
01/05/2024 00:00	0.9	92	6	1.6	0.00
01/05/2024 00:10	1.5	94	9	2.0	0.00
01/05/2024 00:20	1.4	106	12	1.9	0.00
01/05/2024 00:30	1.7	106	9	2.4	0.00
01/05/2024 00:40	1.6	112	11	2.1	0.00
01/05/2024 00:50	1.5	101	9	2.0	0.00
01/05/2024 01:00	0.7	91	8	1.7	0.00
01/05/2024 01:10	0.0	42	2	0.5	0.00
01/05/2024 01:20	0.3	42	3	0.8	0.00
01/05/2024 01:30	0.0	0	0	0.0	0.00
01/05/2024 01:40	1.4	107	10	2.1	0.00
01/05/2024 01:50	1.2	95	10	2.0	0.00
01/05/2024 02:00	0.5	95	9	1.1	0.00
01/05/2024 02:10	0.1	53	2	0.7	0.00
01/05/2024 02:20	0.0	0	0	0.0	0.00
01/05/2024 02:30	0.0	0	0	0.0	0.00
01/05/2024 02:40	0.0	0	0	0.0	0.00
01/05/2024 02:50	0.0	0	0	0.0	0.00
01/05/2024 03:00	0.0	0	0	0.0	0.00
01/05/2024 03:10	0.0	0	0	0.0	0.00
01/05/2024 03:20	0.6	69	7	1.2	0.00
01/05/2024 03:30	1.5	81	11	2.3	0.00
01/05/2024 03:40	2.1	82	13	3.2	0.00
01/05/2024 03:50	2.0	86	10	3.2	0.00
01/05/2024 04:00	1.8	95	12	3.2	0.00
01/05/2024 04:10	2.1	93	12	3.3	0.00
01/05/2024 04:20	2.5	87	13	4.1	0.00
01/05/2024 04:30	2.2	80	10	3.3	0.00
01/05/2024 04:40	1.9	80	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 04:50	1.9	78	9	2.8	0.00
01/05/2024 05:00	2.0	78	11	2.5	0.00
01/05/2024 05:10	2.0	81	14	3.0	0.00
01/05/2024 05:20	2.4	94	13	4.0	0.00
01/05/2024 05:30	2.5	91	12	3.4	0.00
01/05/2024 05:40	2.4	91	12	3.9	0.00
01/05/2024 05:50	2.5	83	12	3.6	0.00
01/05/2024 06:00	2.2	91	14	3.8	0.00
01/05/2024 06:10	2.2	84	13	3.2	0.00
01/05/2024 06:20	2.1	82	11	3.0	0.00
01/05/2024 06:30	2.3	84	13	3.5	0.00
01/05/2024 06:40	1.8	84	11	2.8	0.00
01/05/2024 06:50	1.7	100	15	4.1	0.00
01/05/2024 07:00	2.7	103	14	4.0	0.00
01/05/2024 07:10	3.2	93	12	5.6	0.00
01/05/2024 07:20	3.7	95	12	5.6	0.00
01/05/2024 07:30	4.6	94	12	6.1	0.00
01/05/2024 07:40	4.8	92	12	6.4	0.00
01/05/2024 07:50	4.5	94	12	6.1	0.00
01/05/2024 08:00	4.7	94	11	6.3	0.00
01/05/2024 08:10	5.0	99	12	6.8	0.00
01/05/2024 08:20	4.3	104	13	6.4	0.00
01/05/2024 08:30	4.8	98	15	7.5	0.00
01/05/2024 08:40	5.4	98	14	8.0	0.00
01/05/2024 08:50	5.6	99	12	7.7	0.00
01/05/2024 09:00	5.4	100	13	7.4	0.00
01/05/2024 09:10	5.8	97	13	8.4	0.00
01/05/2024 09:20	5.7	101	12	8.1	0.00
01/05/2024 09:30	6.4	100	12	8.6	0.00
01/05/2024 09:40	5.7	106	15	8.7	0.00
01/05/2024 09:50	6.3	97	13	8.7	0.00
01/05/2024 10:00	6.0	103	14	8.2	0.00
01/05/2024 10:10	5.9	98	12	8.4	0.00
01/05/2024 10:20	6.1	101	12	8.1	0.00
01/05/2024 10:30	5.6	99	13	7.4	0.00
01/05/2024 10:40	5.5	101	12	7.9	0.00
01/05/2024 10:50	5.6	104	12	7.4	0.00
01/05/2024 11:00	5.2	102	12	7.3	0.00
01/05/2024 11:10	5.3	89	14	7.7	0.00
01/05/2024 11:20	5.4	91	14	8.0	0.00
01/05/2024 11:30	6.2	82	12	8.1	0.00
01/05/2024 11:40	6.5	82	11	8.7	0.00
01/05/2024 11:50	6.0	82	11	8.4	0.00
01/05/2024 12:00	6.4	88	13	8.7	0.00
01/05/2024 12:10	6.6	82	13	9.5	0.20



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 12:20	6.9	77	12	9.6	0.00
01/05/2024 12:30	6.0	82	12	8.5	0.00
01/05/2024 12:40	5.7	81	14	8.3	0.00
01/05/2024 12:50	5.7	74	13	8.1	0.00
01/05/2024 13:00	5.9	72	13	8.3	0.00
01/05/2024 13:10	6.8	69	10	9.2	0.00
01/05/2024 13:20	6.6	71	12	9.1	0.00
01/05/2024 13:30	6.0	69	12	9.1	0.00
01/05/2024 13:40	6.2	69	12	8.7	0.00
01/05/2024 13:50	6.2	60	13	8.5	0.00
01/05/2024 14:00	5.8	60	14	8.1	0.00
01/05/2024 14:10	5.5	62	11	7.7	0.00
01/05/2024 14:20	5.3	59	13	7.7	0.00
01/05/2024 14:30	6.1	55	13	8.3	0.00
01/05/2024 14:40	5.8	58	14	8.1	0.00
01/05/2024 14:50	6.1	55	12	8.1	0.00
01/05/2024 15:00	6.2	57	12	8.9	0.00
01/05/2024 15:10	6.5	59	11	8.6	0.00
01/05/2024 15:20	6.5	58	12	8.0	0.00
01/05/2024 15:30	6.1	56	13	8.3	0.00
01/05/2024 15:40	5.5	56	13	7.7	0.00
01/05/2024 15:50	5.8	57	11	7.8	0.00
01/05/2024 16:00	5.6	57	11	7.5	0.00
01/05/2024 16:10	5.3	56	13	7.3	0.00
01/05/2024 16:20	4.6	55	13	6.4	0.00
01/05/2024 16:30	4.0	46	13	5.5	0.00
01/05/2024 16:40	4.3	39	11	6.4	0.00
01/05/2024 16:50	4.7	32	13	6.2	0.00
01/05/2024 17:00	3.9	37	12	5.7	0.00
01/05/2024 17:10	4.3	43	15	6.3	0.00
01/05/2024 17:20	4.0	42	12	5.3	0.00
01/05/2024 17:30	4.1	38	11	5.2	0.00
01/05/2024 17:40	3.9	36	10	5.5	0.00
01/05/2024 17:50	4.0	38	11	5.2	0.00
01/05/2024 18:00	4.1	34	12	5.3	0.00
01/05/2024 18:10	3.6	35	11	4.8	0.00
01/05/2024 18:20	3.1	36	11	4.4	0.00
01/05/2024 18:30	3.4	35	11	4.5	0.00
01/05/2024 18:40	3.5	32	10	4.6	0.00
01/05/2024 18:50	3.7	33	11	5.0	0.00
01/05/2024 19:00	3.3	32	9	4.6	0.00
01/05/2024 19:10	2.8	32	13	4.3	0.00
01/05/2024 19:20	2.4	37	14	3.8	0.00
01/05/2024 19:30	0.7	23	10	1.6	0.00
01/05/2024 19:40	1.2	47	15	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 19:50	1.4	67	17	2.3	0.00
01/05/2024 20:00	1.7	58	12	2.3	0.00
01/05/2024 20:10	2.2	50	11	3.1	0.00
01/05/2024 20:20	1.8	48	7	2.3	0.00
01/05/2024 20:30	1.1	53	5	1.9	0.00
01/05/2024 20:40	0.0	0	0	0.0	0.00
01/05/2024 20:50	0.0	0	0	0.0	0.00
01/05/2024 21:00	0.0	0	0	0.0	0.00
01/05/2024 21:10	0.0	0	0	0.0	0.00
01/05/2024 21:20	0.0	0	0	0.0	0.00
01/05/2024 21:30	0.0	0	0	0.0	0.00
01/05/2024 21:40	0.0	0	0	0.0	0.00
01/05/2024 21:50	0.0	0	0	0.0	0.00
01/05/2024 22:00	0.0	0	0	0.0	0.00
01/05/2024 22:10	0.0	0	0	0.0	0.00
01/05/2024 22:20	0.0	0	0	0.0	0.00
01/05/2024 22:30	0.0	0	0	0.0	0.00
01/05/2024 22:40	0.0	0	0	0.0	0.00
01/05/2024 22:50	0.0	0	0	0.0	0.00
01/05/2024 23:00	0.0	0	0	0.0	0.00
01/05/2024 23:10	0.0	0	0	0.0	0.00
01/05/2024 23:20	0.0	0	0	0.0	0.00
01/05/2024 23:30	0.0	0	0	0.0	0.00
01/05/2024 23:40	0.0	0	0	0.0	0.00
01/05/2024 23:50	0.0	0	0	0.0	0.00
02/05/2024 00:00	0.0	0	0	0.0	0.00
02/05/2024 00:10	0.0	0	0	0.0	0.00
02/05/2024 00:20	0.0	0	0	0.0	0.00
02/05/2024 00:30	0.0	0	0	0.0	0.00
02/05/2024 00:40	0.0	0	0	0.0	0.00
02/05/2024 00:50	0.0	0	0	0.0	0.00
02/05/2024 01:00	0.0	0	0	0.0	0.00
02/05/2024 01:10	0.0	0	0	0.0	0.00
02/05/2024 01:20	0.0	0	0	0.0	0.00
02/05/2024 01:30	0.0	0	0	0.0	0.00
02/05/2024 01:40	0.0	0	0	0.0	0.00
02/05/2024 01:50	0.0	0	0	0.0	0.00
02/05/2024 02:00	0.0	0	0	0.0	0.00
02/05/2024 02:10	0.0	0	0	0.0	0.00
02/05/2024 02:20	0.0	0	0	0.0	0.00
02/05/2024 02:30	0.0	0	0	0.0	0.00
02/05/2024 02:40	0.0	0	0	0.0	0.00
02/05/2024 02:50	0.0	0	0	0.0	0.00
02/05/2024 03:00	0.0	0	0	0.0	0.00
02/05/2024 03:10	0.4	187	21	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 03:20	0.5	226	27	2.0	0.00
02/05/2024 03:30	0.3	185	28	1.6	0.00
02/05/2024 03:40	1.0	205	27	2.3	0.00
02/05/2024 03:50	0.5	216	19	1.9	0.00
02/05/2024 04:00	0.2	113	12	0.8	0.00
02/05/2024 04:10	1.1	208	24	2.4	0.00
02/05/2024 04:20	0.3	195	24	1.0	0.00
02/05/2024 04:30	0.1	156	31	0.6	0.00
02/05/2024 04:40	0.0	171	1	0.3	0.00
02/05/2024 04:50	0.0	0	0	0.0	0.00
02/05/2024 05:00	0.0	115	0	0.2	0.00
02/05/2024 05:10	0.1	181	12	0.5	0.00
02/05/2024 05:20	0.2	57	6	0.9	0.00
02/05/2024 05:30	0.0	0	0	0.0	0.00
02/05/2024 05:40	0.0	0	0	0.0	0.00
02/05/2024 05:50	0.0	0	0	0.0	0.00
02/05/2024 06:00	0.0	0	0	0.0	0.00
02/05/2024 06:10	0.6	63	6	1.2	0.00
02/05/2024 06:20	0.2	45	5	0.7	0.00
02/05/2024 06:30	0.0	0	0	0.0	0.00
02/05/2024 06:40	0.0	0	0	0.0	0.00
02/05/2024 06:50	0.0	0	0	0.0	0.00
02/05/2024 07:00	0.0	0	0	0.0	0.00
02/05/2024 07:10	1.9	83	8	3.7	0.00
02/05/2024 07:20	2.7	85	10	3.6	0.00
02/05/2024 07:30	2.7	83	11	4.2	0.00
02/05/2024 07:40	2.8	83	11	4.4	0.00
02/05/2024 07:50	3.4	83	11	4.9	0.00
02/05/2024 08:00	3.7	81	9	5.6	0.00
02/05/2024 08:10	3.4	83	12	4.6	0.00
02/05/2024 08:20	3.6	101	12	4.7	0.00
02/05/2024 08:30	3.1	96	13	4.5	0.00
02/05/2024 08:40	3.5	92	16	5.0	0.00
02/05/2024 08:50	4.4	84	12	5.7	0.00
02/05/2024 09:00	4.1	78	11	6.0	0.00
02/05/2024 09:10	4.1	84	12	5.8	0.00
02/05/2024 09:20	4.2	78	13	6.4	0.00
02/05/2024 09:30	4.5	78	13	6.5	0.00
02/05/2024 09:40	4.2	75	12	6.3	0.00
02/05/2024 09:50	4.8	80	13	7.1	0.00
02/05/2024 10:00	5.3	81	15	7.3	0.00
02/05/2024 10:10	5.4	84	12	8.0	0.00
02/05/2024 10:20	5.8	80	11	7.9	0.00
02/05/2024 10:30	5.7	81	12	7.7	0.00
02/05/2024 10:40	5.0	82	15	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 10:50	5.6	72	11	7.6	0.00
02/05/2024 11:00	5.5	84	14	8.1	0.00
02/05/2024 11:10	5.6	84	11	8.3	0.00
02/05/2024 11:20	5.3	73	13	7.6	0.00
02/05/2024 11:30	5.6	70	14	7.5	0.00
02/05/2024 11:40	5.8	72	13	8.5	0.00
02/05/2024 11:50	6.0	68	11	8.5	0.00
02/05/2024 12:00	6.1	72	13	8.0	0.00
02/05/2024 12:10	6.2	73	12	8.7	0.00
02/05/2024 12:20	5.8	71	12	8.4	0.00
02/05/2024 12:30	6.0	74	13	9.0	0.00
02/05/2024 12:40	6.0	73	10	8.6	0.00
02/05/2024 12:50	6.3	74	11	8.3	0.00
02/05/2024 13:00	6.2	78	12	8.2	0.00
02/05/2024 13:10	6.3	78	13	8.4	0.00
02/05/2024 13:20	5.5	71	12	7.6	0.00
02/05/2024 13:30	5.9	73	11	8.2	0.00
02/05/2024 13:40	6.1	69	12	9.0	0.00
02/05/2024 13:50	5.5	65	13	7.4	0.00
02/05/2024 14:00	6.1	59	13	8.3	0.00
02/05/2024 14:10	6.0	55	11	7.9	0.00
02/05/2024 14:20	6.0	54	13	8.7	0.00
02/05/2024 14:30	6.9	59	11	9.5	0.00
02/05/2024 14:40	6.1	59	13	9.1	0.00
02/05/2024 14:50	6.7	59	11	9.9	0.00
02/05/2024 15:00	6.4	61	12	9.1	0.00
02/05/2024 15:10	6.4	57	10	8.7	0.00
02/05/2024 15:20	6.6	58	12	9.0	0.00
02/05/2024 15:30	6.1	60	13	8.7	0.00
02/05/2024 15:40	6.5	51	12	8.6	0.00
02/05/2024 15:50	6.7	50	12	8.6	0.00
02/05/2024 16:00	6.9	51	12	9.2	0.00
02/05/2024 16:10	6.8	51	12	9.1	0.00
02/05/2024 16:20	6.5	52	12	8.7	0.00
02/05/2024 16:30	5.9	50	11	8.1	0.00
02/05/2024 16:40	5.7	53	13	7.7	0.00
02/05/2024 16:50	5.4	51	12	7.3	0.00
02/05/2024 17:00	4.9	46	13	7.0	0.00
02/05/2024 17:10	4.8	47	12	7.5	0.00
02/05/2024 17:20	4.6	49	11	6.8	0.00
02/05/2024 17:30	4.4	39	12	5.9	0.00
02/05/2024 17:40	4.3	37	12	6.1	0.00
02/05/2024 17:50	4.0	34	13	5.6	0.00
02/05/2024 18:00	4.0	35	14	6.0	0.00
02/05/2024 18:10	4.0	35	11	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 18:20	3.7	37	11	5.4	0.00
02/05/2024 18:30	3.5	38	14	5.3	0.00
02/05/2024 18:40	3.6	43	10	5.2	0.00
02/05/2024 18:50	3.4	41	11	4.4	0.00
02/05/2024 19:00	3.7	42	11	4.9	0.00
02/05/2024 19:10	3.1	46	10	4.0	0.00
02/05/2024 19:20	2.8	44	10	3.7	0.00
02/05/2024 19:30	2.9	47	10	4.1	0.00
02/05/2024 19:40	2.7	44	9	3.9	0.00
02/05/2024 19:50	2.8	48	11	4.0	0.00
02/05/2024 20:00	2.5	48	9	3.6	0.00
02/05/2024 20:10	2.1	50	10	3.1	0.00
02/05/2024 20:20	1.9	58	9	2.7	0.00
02/05/2024 20:30	1.4	63	9	2.3	0.00
02/05/2024 20:40	1.5	64	9	2.8	0.00
02/05/2024 20:50	1.5	67	6	2.0	0.00
02/05/2024 21:00	1.0	62	5	1.6	0.00
02/05/2024 21:10	0.0	0	0	0.0	0.00
02/05/2024 21:20	0.1	27	1	0.6	0.00
02/05/2024 21:30	0.4	28	3	0.6	0.00
02/05/2024 21:40	0.0	0	0	0.0	0.00
02/05/2024 21:50	0.0	0	0	0.0	0.00
02/05/2024 22:00	0.0	0	0	0.0	0.00
02/05/2024 22:10	0.0	0	0	0.0	0.00
02/05/2024 22:20	0.0	32	1	0.5	0.00
02/05/2024 22:30	0.0	0	0	0.0	0.00
02/05/2024 22:40	0.0	0	0	0.0	0.00
02/05/2024 22:50	0.0	0	0	0.0	0.00
02/05/2024 23:00	0.0	0	0	0.0	0.00
02/05/2024 23:10	0.0	0	0	0.0	0.00
02/05/2024 23:20	0.0	0	0	0.0	0.00
02/05/2024 23:30	0.0	0	0	0.0	0.00
02/05/2024 23:40	0.0	0	0	0.0	0.00
02/05/2024 23:50	0.0	0	0	0.0	0.00
03/05/2024 00:00	0.0	0	0	0.0	0.00
03/05/2024 00:10	0.0	0	0	0.0	0.00
03/05/2024 00:20	0.0	0	0	0.0	0.00
03/05/2024 00:30	0.0	0	0	0.0	0.00
03/05/2024 00:40	0.0	0	0	0.0	0.00
03/05/2024 00:50	0.0	0	0	0.0	0.00
03/05/2024 01:00	1.5	102	9	2.3	0.00
03/05/2024 01:10	2.0	111	10	2.7	0.00
03/05/2024 01:20	2.5	103	7	3.2	0.00
03/05/2024 01:30	2.1	88	10	2.8	0.00
03/05/2024 01:40	1.7	81	7	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 01:50	1.6	83	7	2.0	0.00
03/05/2024 02:00	1.7	92	8	2.3	0.00
03/05/2024 02:10	1.6	91	9	2.0	0.00
03/05/2024 02:20	1.7	90	8	2.3	0.00
03/05/2024 02:30	1.5	80	7	2.0	0.00
03/05/2024 02:40	1.6	80	10	2.1	0.00
03/05/2024 02:50	1.3	92	9	1.7	0.00
03/05/2024 03:00	1.6	72	10	2.2	0.00
03/05/2024 03:10	1.3	78	9	1.7	0.00
03/05/2024 03:20	1.5	69	11	2.0	0.00
03/05/2024 03:30	1.5	81	11	2.2	0.00
03/05/2024 03:40	1.4	95	15	2.0	0.00
03/05/2024 03:50	2.2	90	16	3.3	0.00
03/05/2024 04:00	3.1	90	10	4.0	0.00
03/05/2024 04:10	2.9	88	10	4.0	0.00
03/05/2024 04:20	2.8	89	9	3.8	0.00
03/05/2024 04:30	2.4	88	9	3.2	0.00
03/05/2024 04:40	2.5	86	8	3.6	0.00
03/05/2024 04:50	2.4	83	8	3.2	0.00
03/05/2024 05:00	2.2	87	12	3.1	0.00
03/05/2024 05:10	2.3	86	10	2.9	0.00
03/05/2024 05:20	2.3	80	8	3.2	0.00
03/05/2024 05:30	2.2	76	9	3.2	0.00
03/05/2024 05:40	2.3	78	13	3.5	0.00
03/05/2024 05:50	2.2	79	15	3.1	0.00
03/05/2024 06:00	1.9	68	8	2.8	0.00
03/05/2024 06:10	1.8	82	12	2.6	0.00
03/05/2024 06:20	2.4	77	10	3.3	0.00
03/05/2024 06:30	2.5	83	11	3.5	0.00
03/05/2024 06:40	2.5	78	9	3.3	0.00
03/05/2024 06:50	3.0	78	10	3.9	0.00
03/05/2024 07:00	3.2	84	11	4.2	0.00
03/05/2024 07:10	2.9	84	10	4.0	0.00
03/05/2024 07:20	2.8	81	11	3.8	0.00
03/05/2024 07:30	3.3	90	13	4.7	0.00
03/05/2024 07:40	3.4	94	12	4.7	0.00
03/05/2024 07:50	3.9	97	13	5.6	0.00
03/05/2024 08:00	3.5	90	14	5.0	0.00
03/05/2024 08:10	3.4	88	11	4.7	0.00
03/05/2024 08:20	3.7	91	10	5.1	0.00
03/05/2024 08:30	3.5	97	11	5.0	0.00
03/05/2024 08:40	3.5	97	12	4.9	0.00
03/05/2024 08:50	3.5	98	14	5.2	0.00
03/05/2024 09:00	4.1	98	13	6.8	0.00
03/05/2024 09:10	4.5	89	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 09:20	6.0	81	13	9.0	0.00
03/05/2024 09:30	5.9	83	13	8.1	0.00
03/05/2024 09:40	6.4	80	10	9.1	0.00
03/05/2024 09:50	6.1	86	14	8.9	0.00
03/05/2024 10:00	5.5	90	15	8.4	0.00
03/05/2024 10:10	6.4	83	11	9.4	0.00
03/05/2024 10:20	6.8	82	12	9.2	0.00
03/05/2024 10:30	6.1	82	13	8.3	0.00
03/05/2024 10:40	6.2	84	13	8.4	0.00
03/05/2024 10:50	6.3	83	13	9.3	0.00
03/05/2024 11:00	6.7	82	11	10.0	0.00
03/05/2024 11:10	6.3	78	12	9.0	0.00
03/05/2024 11:20	6.1	71	12	8.6	0.00
03/05/2024 11:30	6.7	68	12	8.6	0.00
03/05/2024 11:40	6.9	68	11	8.7	0.00
03/05/2024 11:50	6.8	70	12	9.0	0.00
03/05/2024 12:00	5.6	72	12	7.5	0.00
03/05/2024 12:10	6.0	67	11	8.1	0.00
03/05/2024 12:20	6.0	69	13	7.6	0.00
03/05/2024 12:30	6.4	68	10	8.7	0.00
03/05/2024 12:40	5.6	80	12	7.9	0.00
03/05/2024 12:50	5.4	77	15	8.0	0.00
03/05/2024 13:00	5.0	69	14	7.0	0.00
03/05/2024 13:10	5.1	65	14	7.2	0.00
03/05/2024 13:20	4.8	62	12	7.5	0.00
03/05/2024 13:30	4.6	64	16	6.3	0.00
03/05/2024 13:40	5.2	55	14	6.8	0.00
03/05/2024 13:50	5.3	52	12	7.6	0.00
03/05/2024 14:00	5.4	59	11	7.2	0.00
03/05/2024 14:10	5.4	60	13	7.5	0.00
03/05/2024 14:20	5.3	61	12	7.4	0.00
03/05/2024 14:30	5.3	57	11	6.9	0.00
03/05/2024 14:40	4.9	61	12	6.7	0.00
03/05/2024 14:50	4.1	45	13	5.8	0.00
03/05/2024 15:00	4.3	43	14	5.8	0.00
03/05/2024 15:10	4.3	42	13	6.0	0.00
03/05/2024 15:20	3.9	38	16	6.0	0.00
03/05/2024 15:30	4.0	40	16	6.1	0.00
03/05/2024 15:40	3.7	38	16	5.4	0.00
03/05/2024 15:50	3.3	24	19	5.2	0.00
03/05/2024 16:00	3.3	23	17	5.1	0.00
03/05/2024 16:10	3.7	35	13	5.6	0.00
03/05/2024 16:20	2.8	14	24	4.1	0.00
03/05/2024 16:30	3.1	344	18	5.1	0.00
03/05/2024 16:40	3.5	340	22	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 16:50	3.7	345	15	4.8	0.00
03/05/2024 17:00	2.4	182	18	4.3	0.00
03/05/2024 17:10	2.5	181	18	3.9	0.00
03/05/2024 17:20	3.1	185	16	4.4	0.00
03/05/2024 17:30	2.5	14	20	4.0	0.00
03/05/2024 17:40	2.3	16	18	3.4	0.00
03/05/2024 17:50	2.2	8	19	3.5	0.00
03/05/2024 18:00	2.0	10	17	3.2	0.00
03/05/2024 18:10	1.7	7	20	3.2	0.00
03/05/2024 18:20	2.0	11	20	3.3	0.00
03/05/2024 18:30	1.9	21	17	3.2	0.00
03/05/2024 18:40	2.1	30	16	3.2	0.00
03/05/2024 18:50	1.4	31	16	3.0	0.00
03/05/2024 19:00	2.2	26	17	3.5	0.00
03/05/2024 19:10	1.8	35	13	2.9	0.00
03/05/2024 19:20	1.9	39	12	2.9	0.00
03/05/2024 19:30	0.1	32	6	1.2	0.00
03/05/2024 19:40	0.4	48	11	1.2	0.00
03/05/2024 19:50	0.0	0	0	0.0	0.00
03/05/2024 20:00	0.0	0	0	0.0	0.00
03/05/2024 20:10	0.0	0	0	0.0	0.00
03/05/2024 20:20	0.0	122	1	0.5	0.00
03/05/2024 20:30	1.1	229	16	1.6	0.00
03/05/2024 20:40	0.1	107	2	0.5	0.00
03/05/2024 20:50	0.0	0	0	0.0	0.00
03/05/2024 21:00	0.0	0	0	0.0	0.00
03/05/2024 21:10	0.0	149	0	0.2	0.00
03/05/2024 21:20	0.0	0	0	0.0	0.00
03/05/2024 21:30	0.0	0	0	0.0	0.00
03/05/2024 21:40	1.1	235	8	2.1	0.00
03/05/2024 21:50	0.0	125	1	0.4	0.00
03/05/2024 22:00	0.0	0	0	0.0	0.00
03/05/2024 22:10	0.3	243	5	1.0	0.00
03/05/2024 22:20	0.0	117	1	0.5	0.00
03/05/2024 22:30	0.0	0	0	0.0	0.00
03/05/2024 22:40	0.0	0	0	0.0	0.00
03/05/2024 22:50	0.0	0	0	0.0	0.00
03/05/2024 23:00	0.0	0	0	0.0	0.00
03/05/2024 23:10	0.0	0	0	0.0	0.00
03/05/2024 23:20	0.0	0	0	0.0	0.00
03/05/2024 23:30	0.0	0	0	0.0	0.00
03/05/2024 23:40	0.0	0	0	0.0	0.00
03/05/2024 23:50	0.0	0	0	0.0	0.00
04/05/2024 00:00	0.0	0	0	0.0	0.00
04/05/2024 00:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 00:20	0.0	0	0	0.0	0.00
04/05/2024 00:30	0.0	0	0	0.0	0.00
04/05/2024 00:40	0.0	0	0	0.0	0.00
04/05/2024 00:50	0.0	0	0	0.0	0.00
04/05/2024 01:00	0.0	0	0	0.0	0.00
04/05/2024 01:10	0.0	0	0	0.0	0.00
04/05/2024 01:20	0.6	246	7	1.7	0.00
04/05/2024 01:30	0.0	0	0	0.0	0.00
04/05/2024 01:40	0.0	0	0	0.0	0.00
04/05/2024 01:50	0.0	0	0	0.0	0.00
04/05/2024 02:00	0.0	0	0	0.0	0.00
04/05/2024 02:10	0.0	0	0	0.0	0.00
04/05/2024 02:20	0.0	0	0	0.0	0.00
04/05/2024 02:30	0.0	0	0	0.0	0.00
04/05/2024 02:40	0.0	0	0	0.0	0.00
04/05/2024 02:50	0.0	0	0	0.0	0.00
04/05/2024 03:00	0.0	0	0	0.0	0.00
04/05/2024 03:10	0.0	0	0	0.0	0.00
04/05/2024 03:20	0.0	0	0	0.0	0.00
04/05/2024 03:30	0.0	0	0	0.0	0.00
04/05/2024 03:40	0.0	0	0	0.0	0.00
04/05/2024 03:50	0.0	0	0	0.0	0.00
04/05/2024 04:00	0.0	0	0	0.0	0.00
04/05/2024 04:10	0.0	0	0	0.0	0.00
04/05/2024 04:20	0.0	0	0	0.0	0.00
04/05/2024 04:30	0.0	0	0	0.0	0.00
04/05/2024 04:40	0.0	0	0	0.0	0.00
04/05/2024 04:50	0.0	0	0	0.0	0.00
04/05/2024 05:00	0.0	0	0	0.0	0.00
04/05/2024 05:10	0.0	0	0	0.0	0.00
04/05/2024 05:20	0.8	95	7	1.9	0.00
04/05/2024 05:30	0.0	0	0	0.0	0.00
04/05/2024 05:40	0.0	0	0	0.0	0.00
04/05/2024 05:50	0.0	54	0	0.2	0.00
04/05/2024 06:00	0.0	0	0	0.0	0.00
04/05/2024 06:10	1.2	98	6	2.1	0.00
04/05/2024 06:20	1.3	94	9	2.1	0.00
04/05/2024 06:30	1.4	96	9	2.0	0.00
04/05/2024 06:40	1.3	97	8	2.3	0.00
04/05/2024 06:50	0.7	100	7	1.3	0.00
04/05/2024 07:00	0.0	0	0	0.0	0.00
04/05/2024 07:10	0.0	0	0	0.0	0.00
04/05/2024 07:20	0.1	148	3	0.9	0.00
04/05/2024 07:30	0.4	135	18	1.2	0.00
04/05/2024 07:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 07:50	0.3	62	5	1.2	0.00
04/05/2024 08:00	1.7	130	17	2.7	0.00
04/05/2024 08:10	2.0	132	15	3.0	0.00
04/05/2024 08:20	2.2	126	18	3.3	0.00
04/05/2024 08:30	2.8	131	15	4.0	0.00
04/05/2024 08:40	2.3	132	16	3.4	0.00
04/05/2024 08:50	3.2	124	14	4.5	0.00
04/05/2024 09:00	3.3	110	16	5.0	0.00
04/05/2024 09:10	4.1	93	12	5.6	0.00
04/05/2024 09:20	4.0	93	12	5.2	0.00
04/05/2024 09:30	3.7	92	12	5.4	0.00
04/05/2024 09:40	3.6	84	13	5.2	0.00
04/05/2024 09:50	3.9	94	10	4.8	0.00
04/05/2024 10:00	3.8	98	15	5.2	0.00
04/05/2024 10:10	4.0	97	13	5.9	0.00
04/05/2024 10:20	4.8	94	14	6.5	0.00
04/05/2024 10:30	4.9	85	13	6.9	0.00
04/05/2024 10:40	5.9	81	13	8.5	0.00
04/05/2024 10:50	5.5	77	12	7.9	0.00
04/05/2024 11:00	5.4	77	12	7.8	0.00
04/05/2024 11:10	5.9	72	11	7.9	0.00
04/05/2024 11:20	5.8	80	11	7.9	0.00
04/05/2024 11:30	5.3	85	14	7.8	0.00
04/05/2024 11:40	5.1	72	15	7.2	0.00
04/05/2024 11:50	4.9	67	16	6.5	0.00
04/05/2024 12:00	4.8	71	12	7.1	0.00
04/05/2024 12:10	5.0	76	11	6.7	0.00
04/05/2024 12:20	4.5	80	13	6.2	0.00
04/05/2024 12:30	4.1	84	16	5.7	0.00
04/05/2024 12:40	4.2	76	13	5.9	0.00
04/05/2024 12:50	4.0	75	13	6.3	0.00
04/05/2024 13:00	4.7	64	14	6.7	0.00
04/05/2024 13:10	4.5	66	14	6.0	0.00
04/05/2024 13:20	4.4	66	16	6.8	0.00
04/05/2024 13:30	4.8	67	12	6.8	0.00
04/05/2024 13:40	4.9	62	16	6.8	0.00
04/05/2024 13:50	5.0	57	15	7.3	0.00
04/05/2024 14:00	5.2	54	13	6.8	0.00
04/05/2024 14:10	4.7	65	16	6.8	0.00
04/05/2024 14:20	5.0	55	11	6.4	0.00
04/05/2024 14:30	4.8	58	12	6.8	0.00
04/05/2024 14:40	4.7	66	11	6.1	0.00
04/05/2024 14:50	4.4	68	14	6.3	0.00
04/05/2024 15:00	4.0	63	21	6.2	0.00
04/05/2024 15:10	3.6	46	13	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 15:20	3.4	51	15	4.8	0.00
04/05/2024 15:30	3.4	49	16	5.1	0.00
04/05/2024 15:40	3.2	55	15	4.9	0.00
04/05/2024 15:50	2.7	46	15	4.4	0.00
04/05/2024 16:00	2.7	43	15	4.0	0.00
04/05/2024 16:10	2.4	182	24	4.4	0.00
04/05/2024 16:20	2.8	178	20	5.2	0.00
04/05/2024 16:30	3.0	185	22	4.7	0.00
04/05/2024 16:40	2.7	6	23	4.4	0.00
04/05/2024 16:50	3.3	352	16	4.8	0.00
04/05/2024 17:00	3.2	358	17	4.6	0.00
04/05/2024 17:10	3.3	4	17	4.9	0.00
04/05/2024 17:20	3.1	8	15	4.5	0.00
04/05/2024 17:30	2.9	182	16	4.5	0.00
04/05/2024 17:40	3.1	177	14	4.6	0.00
04/05/2024 17:50	3.1	179	17	4.6	0.00
04/05/2024 18:00	2.9	6	16	4.5	0.00
04/05/2024 18:10	2.5	13	17	3.9	0.00
04/05/2024 18:20	2.5	12	16	4.1	0.00
04/05/2024 18:30	2.4	7	17	3.8	0.00
04/05/2024 18:40	2.5	7	19	4.2	0.00
04/05/2024 18:50	2.5	7	18	3.6	0.00
04/05/2024 19:00	2.3	8	15	3.7	0.00
04/05/2024 19:10	2.4	14	15	3.9	0.00
04/05/2024 19:20	2.0	22	19	3.0	0.00
04/05/2024 19:30	2.0	18	18	3.3	0.00
04/05/2024 19:40	2.4	15	15	3.7	0.00
04/05/2024 19:50	2.1	22	16	3.0	0.00
04/05/2024 20:00	2.3	15	14	3.3	0.00
04/05/2024 20:10	2.0	30	14	2.9	0.00
04/05/2024 20:20	1.5	17	16	2.6	0.00
04/05/2024 20:30	1.9	25	15	3.2	0.00
04/05/2024 20:40	0.5	8	12	1.3	0.00
04/05/2024 20:50	0.1	156	10	0.9	0.00
04/05/2024 21:00	1.4	230	21	2.6	0.00
04/05/2024 21:10	0.0	109	0	0.2	0.00
04/05/2024 21:20	0.0	0	0	0.0	0.00
04/05/2024 21:30	0.0	0	0	0.0	0.00
04/05/2024 21:40	0.0	0	0	0.0	0.00
04/05/2024 21:50	0.5	112	8	1.3	0.00
04/05/2024 22:00	2.0	246	11	2.6	0.00
04/05/2024 22:10	1.7	247	10	2.2	0.00
04/05/2024 22:20	1.9	254	8	2.3	0.00
04/05/2024 22:30	2.0	255	8	2.4	0.00
04/05/2024 22:40	2.0	256	8	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 22:50	1.9	252	9	2.4	0.00
04/05/2024 23:00	1.9	253	9	2.4	0.00
04/05/2024 23:10	1.8	255	9	2.4	0.00
04/05/2024 23:20	1.7	249	10	2.5	0.00
04/05/2024 23:30	1.8	243	12	2.4	0.00
04/05/2024 23:40	1.9	254	11	2.8	0.00
04/05/2024 23:50	1.6	243	11	2.2	0.00
05/05/2024 00:00	0.2	241	2	2.0	0.00
05/05/2024 00:10	1.7	246	10	2.3	0.00
05/05/2024 00:20	1.0	254	9	1.4	0.00
05/05/2024 00:30	0.3	125	5	0.5	0.00
05/05/2024 00:40	0.7	264	7	1.4	0.00
05/05/2024 00:50	0.2	136	4	0.5	0.00
05/05/2024 01:00	0.9	257	9	1.3	0.00
05/05/2024 01:10	0.1	130	4	0.5	0.00
05/05/2024 01:20	0.0	0	0	0.0	0.00
05/05/2024 01:30	0.0	0	0	0.0	0.00
05/05/2024 01:40	0.2	132	3	0.5	0.00
05/05/2024 01:50	0.7	265	7	1.2	0.00
05/05/2024 02:00	0.0	0	0	0.0	0.00
05/05/2024 02:10	0.0	0	0	0.0	0.00
05/05/2024 02:20	0.0	0	0	0.0	0.00
05/05/2024 02:30	0.0	0	0	0.0	0.00
05/05/2024 02:40	0.0	0	0	0.0	0.00
05/05/2024 02:50	0.0	0	0	0.0	0.00
05/05/2024 03:00	0.0	0	0	0.0	0.00
05/05/2024 03:10	0.0	0	0	0.0	0.00
05/05/2024 03:20	0.0	0	0	0.0	0.00
05/05/2024 03:30	0.0	0	0	0.0	0.00
05/05/2024 03:40	0.0	0	0	0.0	0.00
05/05/2024 03:50	0.0	0	0	0.0	0.00
05/05/2024 04:00	0.0	0	0	0.0	0.00
05/05/2024 04:10	0.0	0	0	0.0	0.00
05/05/2024 04:20	0.0	0	0	0.0	0.00
05/05/2024 04:30	0.0	0	0	0.0	0.00
05/05/2024 04:40	0.0	0	0	0.0	0.00
05/05/2024 04:50	0.0	0	0	0.0	0.00
05/05/2024 05:00	0.0	0	0	0.0	0.00
05/05/2024 05:10	0.0	0	0	0.0	0.00
05/05/2024 05:20	0.0	0	0	0.0	0.00
05/05/2024 05:30	0.0	0	0	0.0	0.00
05/05/2024 05:40	0.0	0	0	0.0	0.00
05/05/2024 05:50	0.0	0	0	0.0	0.00
05/05/2024 06:00	0.0	0	0	0.0	0.00
05/05/2024 06:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 06:20	0.0	0	0	0.0	0.00
05/05/2024 06:30	0.0	0	0	0.0	0.00
05/05/2024 06:40	0.0	0	0	0.0	0.00
05/05/2024 06:50	0.0	0	0	0.0	0.00
05/05/2024 07:00	0.0	0	0	0.0	0.00
05/05/2024 07:10	0.0	0	0	0.0	0.00
05/05/2024 07:20	0.0	0	0	0.0	0.00
05/05/2024 07:30	1.6	125	20	2.7	0.00
05/05/2024 07:40	1.4	128	16	2.2	0.00
05/05/2024 07:50	1.8	121	12	2.9	0.00
05/05/2024 08:00	1.9	119	12	2.8	0.00
05/05/2024 08:10	1.7	115	15	2.4	0.00
05/05/2024 08:20	2.4	107	9	3.4	0.00
05/05/2024 08:30	2.7	113	14	4.0	0.00
05/05/2024 08:40	2.5	115	13	3.3	0.00
05/05/2024 08:50	2.6	101	12	3.5	0.00
05/05/2024 09:00	2.7	93	12	3.7	0.00
05/05/2024 09:10	2.9	84	12	4.3	0.00
05/05/2024 09:20	3.4	98	13	4.6	0.00
05/05/2024 09:30	3.3	101	12	4.6	0.00
05/05/2024 09:40	3.5	103	13	5.0	0.00
05/05/2024 09:50	3.0	102	12	4.0	0.00
05/05/2024 10:00	3.2	102	13	4.6	0.00
05/05/2024 10:10	3.1	91	13	4.3	0.00
05/05/2024 10:20	3.0	86	14	3.8	0.00
05/05/2024 10:30	3.0	81	12	4.5	0.00
05/05/2024 10:40	2.9	78	12	4.0	0.00
05/05/2024 10:50	2.9	88	13	4.1	0.00
05/05/2024 11:00	3.0	84	16	4.6	0.00
05/05/2024 11:10	3.0	77	14	4.4	0.00
05/05/2024 11:20	3.3	83	13	4.4	0.00
05/05/2024 11:30	3.1	77	19	4.9	0.00
05/05/2024 11:40	3.7	74	12	5.2	0.00
05/05/2024 11:50	3.6	73	15	5.3	0.00
05/05/2024 12:00	3.5	65	16	4.8	0.00
05/05/2024 12:10	4.6	75	14	6.3	0.00
05/05/2024 12:20	4.2	76	12	5.6	0.00
05/05/2024 12:30	4.3	66	16	5.8	0.00
05/05/2024 12:40	4.4	64	13	6.3	0.00
05/05/2024 12:50	4.8	55	14	6.5	0.00
05/05/2024 13:00	4.5	66	14	6.7	0.00
05/05/2024 13:10	4.4	56	14	5.7	0.00
05/05/2024 13:20	4.3	62	13	6.5	0.00
05/05/2024 13:30	4.1	51	13	5.6	0.00
05/05/2024 13:40	4.2	55	15	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 13:50	4.4	45	13	5.8	0.00
05/05/2024 14:00	4.1	57	17	6.0	0.00
05/05/2024 14:10	4.1	57	14	6.2	0.00
05/05/2024 14:20	4.2	54	13	6.2	0.00
05/05/2024 14:30	4.3	48	14	5.8	0.00
05/05/2024 14:40	3.7	57	14	5.3	0.00
05/05/2024 14:50	3.6	55	15	5.6	0.00
05/05/2024 15:00	3.2	47	19	5.0	0.00
05/05/2024 15:10	3.5	37	13	4.8	0.00
05/05/2024 15:20	2.8	20	25	4.8	0.00
05/05/2024 15:30	3.0	350	20	4.8	0.00
05/05/2024 15:40	2.7	347	21	4.4	0.00
05/05/2024 15:50	3.0	339	19	4.6	0.00
05/05/2024 16:00	2.8	180	24	4.4	0.00
05/05/2024 16:10	2.9	3	19	4.7	0.00
05/05/2024 16:20	3.3	176	17	4.8	0.00
05/05/2024 16:30	3.5	183	15	4.9	0.00
05/05/2024 16:40	3.2	184	18	4.7	0.00
05/05/2024 16:50	3.4	13	14	4.8	0.00
05/05/2024 17:00	3.1	10	16	4.5	0.00
05/05/2024 17:10	2.5	2	16	3.9	0.00
05/05/2024 17:20	2.6	12	18	3.8	0.00
05/05/2024 17:30	2.9	10	16	4.4	0.00
05/05/2024 17:40	2.6	9	19	4.1	0.00
05/05/2024 17:50	2.9	9	17	3.8	0.00
05/05/2024 18:00	3.3	183	17	5.2	0.00
05/05/2024 18:10	2.9	177	18	4.0	0.00
05/05/2024 18:20	2.4	9	19	4.3	0.00
05/05/2024 18:30	2.5	24	16	3.5	0.00
05/05/2024 18:40	1.8	41	25	3.2	0.00
05/05/2024 18:50	0.1	117	15	0.9	0.00
05/05/2024 19:00	0.9	245	21	1.7	0.00
05/05/2024 19:10	1.4	270	29	2.5	0.00
05/05/2024 19:20	1.0	233	9	2.0	0.00
05/05/2024 19:30	0.6	118	4	1.4	0.00
05/05/2024 19:40	1.2	245	8	2.4	0.00
05/05/2024 19:50	0.4	117	2	1.4	0.00
05/05/2024 20:00	0.6	119	4	1.2	0.00
05/05/2024 20:10	0.0	0	0	0.0	0.00
05/05/2024 20:20	0.0	222	1	0.6	0.00
05/05/2024 20:30	0.0	0	0	0.0	0.00
05/05/2024 20:40	0.0	0	0	0.0	0.00
05/05/2024 20:50	0.0	0	0	0.0	0.00
05/05/2024 21:00	0.0	0	0	0.0	0.00
05/05/2024 21:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 21:20	0.0	0	0	0.0	0.00
05/05/2024 21:30	0.0	0	0	0.0	0.00
05/05/2024 21:40	0.0	0	0	0.0	0.00
05/05/2024 21:50	0.4	122	4	0.9	0.00
05/05/2024 22:00	1.3	250	8	1.9	0.00
05/05/2024 22:10	0.0	126	0	0.3	0.00
05/05/2024 22:20	1.2	240	8	2.3	0.00
05/05/2024 22:30	0.8	121	4	1.4	0.00
05/05/2024 22:40	2.3	247	8	2.8	0.00
05/05/2024 22:50	2.5	244	10	3.5	0.00
05/05/2024 23:00	2.7	243	11	3.6	0.00
05/05/2024 23:10	2.4	241	12	3.6	0.00
05/05/2024 23:20	2.7	238	11	3.6	0.00
05/05/2024 23:30	2.7	242	12	3.8	0.00
05/05/2024 23:40	2.3	241	11	3.0	0.00
05/05/2024 23:50	1.6	244	8	2.4	0.00
06/05/2024 00:00	1.8	245	10	2.7	0.00
06/05/2024 00:10	1.9	249	10	2.6	0.00
06/05/2024 00:20	1.5	248	10	2.5	0.00
06/05/2024 00:30	1.5	266	7	2.0	0.00
06/05/2024 00:40	1.5	276	7	1.8	0.00
06/05/2024 00:50	1.5	271	9	2.1	0.00
06/05/2024 01:00	1.0	266	10	1.3	0.00
06/05/2024 01:10	0.7	262	6	1.5	0.00
06/05/2024 01:20	1.7	267	6	2.2	0.00
06/05/2024 01:30	1.9	270	7	2.2	0.00
06/05/2024 01:40	1.4	261	9	1.9	0.00
06/05/2024 01:50	2.2	258	8	3.0	0.00
06/05/2024 02:00	2.3	257	8	3.1	0.00
06/05/2024 02:10	1.9	252	8	2.4	0.00
06/05/2024 02:20	1.9	254	9	2.4	0.00
06/05/2024 02:30	1.7	255	10	2.2	0.00
06/05/2024 02:40	0.4	245	5	1.2	0.00
06/05/2024 02:50	0.8	269	10	2.0	0.00
06/05/2024 03:00	1.5	253	12	2.3	0.00
06/05/2024 03:10	1.7	238	16	3.0	0.00
06/05/2024 03:20	2.3	242	15	3.5	0.00
06/05/2024 03:30	2.5	247	11	3.4	0.00
06/05/2024 03:40	2.6	249	14	3.6	0.00
06/05/2024 03:50	1.3	246	12	2.2	0.00
06/05/2024 04:00	1.1	248	14	2.3	0.00
06/05/2024 04:10	0.4	125	6	0.9	0.00
06/05/2024 04:20	0.0	0	0	0.0	0.00
06/05/2024 04:30	0.0	0	0	0.0	0.00
06/05/2024 04:40	0.3	135	3	0.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 04:50	0.6	259	9	1.8	0.00
06/05/2024 05:00	0.0	0	0	0.0	0.00
06/05/2024 05:10	0.0	0	0	0.0	0.00
06/05/2024 05:20	0.0	0	0	0.0	0.00
06/05/2024 05:30	0.0	0	0	0.0	0.00
06/05/2024 05:40	1.3	216	34	2.7	0.00
06/05/2024 05:50	1.0	198	49	2.2	0.00
06/05/2024 06:00	0.5	182	42	2.4	0.00
06/05/2024 06:10	0.5	123	37	1.5	0.00
06/05/2024 06:20	0.5	249	36	1.8	0.00
06/05/2024 06:30	0.2	275	38	0.6	0.00
06/05/2024 06:40	1.2	219	22	2.0	0.00
06/05/2024 06:50	0.9	221	19	2.2	0.00
06/05/2024 07:00	0.3	188	15	2.1	0.00
06/05/2024 07:10	0.4	150	32	1.3	0.00
06/05/2024 07:20	0.2	82	15	0.6	0.00
06/05/2024 07:30	0.5	111	8	1.3	0.00
06/05/2024 07:40	0.4	224	12	1.5	0.00
06/05/2024 07:50	0.0	0	0	0.0	0.00
06/05/2024 08:00	0.0	17	1	0.6	0.00
06/05/2024 08:10	0.0	0	0	0.0	0.00
06/05/2024 08:20	0.5	54	8	1.2	0.00
06/05/2024 08:30	2.4	117	15	3.5	0.00
06/05/2024 08:40	2.8	115	16	4.4	0.00
06/05/2024 08:50	3.0	114	17	4.7	0.00
06/05/2024 09:00	2.6	100	17	3.5	0.00
06/05/2024 09:10	2.8	99	17	4.4	0.00
06/05/2024 09:20	3.2	111	16	4.4	0.00
06/05/2024 09:30	3.4	116	14	5.2	0.00
06/05/2024 09:40	2.8	106	15	3.7	0.00
06/05/2024 09:50	3.2	117	17	4.5	0.00
06/05/2024 10:00	3.5	98	15	5.4	0.00
06/05/2024 10:10	4.1	94	13	5.5	0.00
06/05/2024 10:20	4.5	98	11	6.4	0.00
06/05/2024 10:30	4.6	95	11	6.0	0.00
06/05/2024 10:40	4.4	92	14	6.0	0.00
06/05/2024 10:50	4.9	81	13	6.8	0.00
06/05/2024 11:00	5.1	77	11	6.6	0.00
06/05/2024 11:10	5.0	82	10	7.0	0.00
06/05/2024 11:20	5.7	78	13	7.3	0.00
06/05/2024 11:30	6.3	75	11	8.5	0.00
06/05/2024 11:40	6.5	77	9	8.7	0.00
06/05/2024 11:50	6.7	78	12	9.0	0.00
06/05/2024 12:00	6.3	79	10	8.5	0.00
06/05/2024 12:10	6.3	79	11	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 12:20	5.7	78	11	7.8	0.00
06/05/2024 12:30	5.7	76	12	8.1	0.00
06/05/2024 12:40	5.9	80	11	8.7	0.00
06/05/2024 12:50	5.8	79	10	7.9	0.00
06/05/2024 13:00	5.8	83	11	7.9	0.00
06/05/2024 13:10	5.4	72	12	7.3	0.00
06/05/2024 13:20	6.0	73	11	8.8	0.00
06/05/2024 13:30	5.8	73	11	7.9	0.00
06/05/2024 13:40	5.9	74	11	8.3	0.00
06/05/2024 13:50	5.9	74	11	7.8	0.00
06/05/2024 14:00	5.5	71	12	7.2	0.00
06/05/2024 14:10	4.8	74	13	6.8	0.00
06/05/2024 14:20	5.2	67	12	7.7	0.00
06/05/2024 14:30	4.9	63	13	7.9	0.00
06/05/2024 14:40	5.1	64	14	7.4	0.00
06/05/2024 14:50	5.2	66	12	7.2	0.00
06/05/2024 15:00	4.6	58	14	6.5	0.00
06/05/2024 15:10	5.7	55	10	7.9	0.00
06/05/2024 15:20	6.0	59	10	7.9	0.00
06/05/2024 15:30	5.6	49	14	7.8	0.00
06/05/2024 15:40	5.8	48	13	8.1	0.00
06/05/2024 15:50	5.3	55	13	7.2	0.00
06/05/2024 16:00	4.9	45	12	6.6	0.00
06/05/2024 16:10	5.5	45	13	7.6	0.00
06/05/2024 16:20	5.1	44	12	7.1	0.00
06/05/2024 16:30	4.5	38	13	6.0	0.00
06/05/2024 16:40	4.4	32	12	6.2	0.00
06/05/2024 16:50	4.7	33	12	6.4	0.00
06/05/2024 17:00	4.7	36	13	6.7	0.00
06/05/2024 17:10	4.8	37	12	6.5	0.00
06/05/2024 17:20	3.9	33	13	5.4	0.00
06/05/2024 17:30	4.0	32	12	5.4	0.00
06/05/2024 17:40	3.9	37	12	5.4	0.00
06/05/2024 17:50	3.6	35	11	4.5	0.00
06/05/2024 18:00	2.6	29	12	3.6	0.00
06/05/2024 18:10	1.7	14	15	2.4	0.00
06/05/2024 18:20	2.2	7	17	3.4	0.00
06/05/2024 18:30	2.5	6	16	3.6	0.00
06/05/2024 18:40	2.6	8	17	4.2	0.00
06/05/2024 18:50	2.2	3	19	3.2	0.00
06/05/2024 19:00	2.7	180	14	3.6	0.00
06/05/2024 19:10	2.8	6	15	4.0	0.00
06/05/2024 19:20	3.1	14	15	4.3	0.00
06/05/2024 19:30	2.7	5	18	3.7	0.00
06/05/2024 19:40	2.7	1	16	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 19:50	2.9	180	16	4.1	0.00
06/05/2024 20:00	3.0	355	16	4.4	0.00
06/05/2024 20:10	2.9	352	15	4.4	0.00
06/05/2024 20:20	3.2	344	13	4.8	0.00
06/05/2024 20:30	2.7	183	18	4.1	0.00
06/05/2024 20:40	2.3	176	15	3.9	0.00
06/05/2024 20:50	2.5	16	13	3.6	0.00
06/05/2024 21:00	1.3	183	31	2.4	0.00
06/05/2024 21:10	2.0	229	13	3.2	0.00
06/05/2024 21:20	2.3	218	24	3.7	0.00
06/05/2024 21:30	2.1	241	19	3.2	0.00
06/05/2024 21:40	1.5	223	12	2.9	0.00
06/05/2024 21:50	1.4	240	12	2.7	0.00
06/05/2024 22:00	1.3	249	19	2.4	0.00
06/05/2024 22:10	2.3	243	12	3.6	0.00
06/05/2024 22:20	2.7	243	10	3.6	0.00
06/05/2024 22:30	2.1	222	16	2.9	0.00
06/05/2024 22:40	2.0	246	10	3.2	0.00
06/05/2024 22:50	2.0	239	10	2.8	0.00
06/05/2024 23:00	2.3	243	11	3.0	0.00
06/05/2024 23:10	2.2	243	9	3.2	0.00
06/05/2024 23:20	2.7	247	8	3.3	0.00
06/05/2024 23:30	2.7	245	10	3.5	0.00
06/05/2024 23:40	2.2	243	11	3.4	0.00
06/05/2024 23:50	2.4	244	9	3.1	0.00
07/05/2024 00:00	2.5	252	8	3.2	0.00
07/05/2024 00:10	2.6	251	9	3.3	0.00
07/05/2024 00:20	1.9	241	9	2.7	0.00
07/05/2024 00:30	0.6	244	7	1.7	0.00
07/05/2024 00:40	2.4	247	11	3.3	0.00
07/05/2024 00:50	1.8	242	9	2.8	0.00
07/05/2024 01:00	1.3	252	10	1.9	0.00
07/05/2024 01:10	1.4	233	10	2.1	0.00
07/05/2024 01:20	1.7	245	11	2.5	0.00
07/05/2024 01:30	1.7	239	11	2.6	0.00
07/05/2024 01:40	1.6	247	8	2.0	0.00
07/05/2024 01:50	1.1	244	7	1.5	0.00
07/05/2024 02:00	1.1	247	12	1.7	0.00
07/05/2024 02:10	1.5	255	8	1.9	0.00
07/05/2024 02:20	1.7	266	7	2.3	0.00
07/05/2024 02:30	1.5	240	9	1.9	0.00
07/05/2024 02:40	1.3	253	8	1.8	0.00
07/05/2024 02:50	2.2	252	7	2.8	0.00
07/05/2024 03:00	2.3	249	8	2.8	0.00
07/05/2024 03:10	1.9	248	8	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 03:20	1.2	252	7	1.6	0.00
07/05/2024 03:30	0.3	124	2	0.6	0.00
07/05/2024 03:40	0.0	0	0	0.0	0.00
07/05/2024 03:50	0.0	0	0	0.0	0.00
07/05/2024 04:00	0.3	125	5	0.8	0.00
07/05/2024 04:10	0.0	0	0	0.0	0.00
07/05/2024 04:20	0.0	0	0	0.0	0.00
07/05/2024 04:30	0.0	0	0	0.0	0.00
07/05/2024 04:40	0.5	125	3	0.9	0.00
07/05/2024 04:50	0.1	126	1	0.5	0.00
07/05/2024 05:00	0.0	0	0	0.0	0.00
07/05/2024 05:10	0.0	0	0	0.0	0.00
07/05/2024 05:20	0.3	126	2	1.1	0.00
07/05/2024 05:30	2.0	237	11	3.2	0.00
07/05/2024 05:40	0.1	116	4	0.5	0.00
07/05/2024 05:50	0.1	62	15	0.5	0.00
07/05/2024 06:00	0.1	47	1	0.8	0.00
07/05/2024 06:10	0.3	244	19	1.7	0.00
07/05/2024 06:20	0.2	243	8	0.8	0.00
07/05/2024 06:30	0.0	0	0	0.0	0.00
07/05/2024 06:40	0.0	0	0	0.0	0.00
07/05/2024 06:50	0.2	63	4	1.3	0.00
07/05/2024 07:00	2.0	106	11	2.6	0.00
07/05/2024 07:10	2.0	114	14	3.2	0.00
07/05/2024 07:20	2.3	114	11	3.1	0.00
07/05/2024 07:30	2.8	115	17	4.1	0.00
07/05/2024 07:40	2.9	108	12	4.2	0.00
07/05/2024 07:50	3.0	100	10	4.0	0.00
07/05/2024 08:00	3.6	89	9	5.0	0.00
07/05/2024 08:10	3.2	88	11	4.6	0.00
07/05/2024 08:20	3.6	91	12	5.5	0.00
07/05/2024 08:30	3.8	96	12	5.1	0.00
07/05/2024 08:40	3.7	93	10	5.1	0.00
07/05/2024 08:50	3.9	90	12	5.0	0.00
07/05/2024 09:00	3.9	95	11	5.6	0.00
07/05/2024 09:10	4.2	96	12	5.6	0.00
07/05/2024 09:20	3.7	94	13	5.2	0.00
07/05/2024 09:30	4.0	93	11	5.3	0.00
07/05/2024 09:40	3.9	94	12	4.9	0.00
07/05/2024 09:50	3.8	93	12	5.2	0.00
07/05/2024 10:00	3.8	101	11	4.8	0.00
07/05/2024 10:10	3.4	90	11	4.6	0.00
07/05/2024 10:20	3.6	96	12	4.8	0.00
07/05/2024 10:30	3.7	92	12	4.7	0.00
07/05/2024 10:40	3.5	102	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 10:50	3.4	92	18	4.7	0.00
07/05/2024 11:00	3.1	80	11	4.4	0.00
07/05/2024 11:10	3.3	83	12	4.5	0.00
07/05/2024 11:20	3.3	83	14	4.6	0.00
07/05/2024 11:30	3.2	83	12	4.6	0.00
07/05/2024 11:40	2.7	71	18	4.0	0.00
07/05/2024 11:50	2.6	52	19	4.0	0.00
07/05/2024 12:00	3.2	62	17	4.5	0.00
07/05/2024 12:10	3.4	68	13	4.9	0.00
07/05/2024 12:20	3.8	69	12	5.2	0.00
07/05/2024 12:30	3.8	70	13	5.2	0.00
07/05/2024 12:40	3.6	70	14	5.6	0.00
07/05/2024 12:50	3.6	64	13	5.0	0.00
07/05/2024 13:00	3.5	69	15	4.9	0.00
07/05/2024 13:10	3.2	65	13	5.0	0.00
07/05/2024 13:20	3.1	54	17	4.4	0.00
07/05/2024 13:30	2.9	48	16	4.0	0.00
07/05/2024 13:40	3.6	62	14	5.2	0.00
07/05/2024 13:50	2.4	177	22	3.6	0.00
07/05/2024 14:00	2.4	353	22	3.3	0.00
07/05/2024 14:10	2.8	349	18	4.0	0.00
07/05/2024 14:20	2.7	346	23	4.2	0.00
07/05/2024 14:30	1.8	13	37	4.2	0.00
07/05/2024 14:40	3.6	184	20	5.4	0.00
07/05/2024 14:50	2.9	7	23	4.4	0.00
07/05/2024 15:00	3.3	2	21	5.1	0.00
07/05/2024 15:10	3.1	352	19	4.5	0.00
07/05/2024 15:20	2.6	175	27	4.0	0.00
07/05/2024 15:30	2.9	171	18	4.8	0.00
07/05/2024 15:40	2.7	174	23	4.3	0.00
07/05/2024 15:50	2.8	22	20	4.8	0.00
07/05/2024 16:00	2.9	38	15	4.1	0.00
07/05/2024 16:10	3.5	45	18	5.5	0.00
07/05/2024 16:20	3.5	38	16	5.0	0.00
07/05/2024 16:30	2.5	12	28	5.2	0.00
07/05/2024 16:40	2.4	343	23	3.9	0.00
07/05/2024 16:50	3.0	334	15	4.1	0.00
07/05/2024 17:00	2.5	339	16	4.2	0.00
07/05/2024 17:10	2.3	182	22	3.5	0.00
07/05/2024 17:20	3.2	25	18	5.1	0.00
07/05/2024 17:30	3.4	31	14	5.1	0.00
07/05/2024 17:40	2.8	32	16	4.7	0.00
07/05/2024 17:50	1.6	12	21	3.2	0.00
07/05/2024 18:00	2.0	180	19	3.5	0.00
07/05/2024 18:10	2.2	356	20	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 18:20	2.4	177	18	3.5	0.00
07/05/2024 18:30	2.0	178	20	3.5	0.00
07/05/2024 18:40	1.0	342	22	2.0	0.00
07/05/2024 18:50	2.2	351	17	3.6	0.00
07/05/2024 19:00	2.1	352	20	3.3	0.00
07/05/2024 19:10	1.8	317	30	3.0	0.00
07/05/2024 19:20	0.4	277	16	1.2	0.00
07/05/2024 19:30	1.5	356	26	2.3	0.00
07/05/2024 19:40	1.7	296	30	3.4	0.00
07/05/2024 19:50	0.7	247	10	1.9	0.00
07/05/2024 20:00	0.0	0	0	0.0	0.00
07/05/2024 20:10	0.6	174	8	1.7	0.00
07/05/2024 20:20	1.4	297	39	2.6	0.00
07/05/2024 20:30	0.3	97	8	0.8	0.00
07/05/2024 20:40	0.0	0	0	0.0	0.00
07/05/2024 20:50	0.8	31	25	2.6	0.00
07/05/2024 21:00	1.0	256	34	2.6	0.00
07/05/2024 21:10	0.2	107	6	0.8	0.00
07/05/2024 21:20	0.3	13	11	1.0	0.00
07/05/2024 21:30	0.1	111	3	0.9	0.00
07/05/2024 21:40	0.3	115	8	0.8	0.00
07/05/2024 21:50	0.0	0	0	0.0	0.00
07/05/2024 22:00	0.0	0	0	0.0	0.00
07/05/2024 22:10	0.0	0	0	0.0	0.00
07/05/2024 22:20	0.0	0	0	0.0	0.00
07/05/2024 22:30	0.0	0	0	0.0	0.00
07/05/2024 22:40	0.0	0	0	0.0	0.00
07/05/2024 22:50	0.0	0	0	0.0	0.00
07/05/2024 23:00	0.0	0	0	0.0	0.00
07/05/2024 23:10	0.1	128	1	0.9	0.00
07/05/2024 23:20	1.3	243	12	2.3	0.00
07/05/2024 23:30	0.4	238	10	1.6	0.00
07/05/2024 23:40	0.0	115	1	0.3	0.00
07/05/2024 23:50	0.0	0	0	0.0	0.00
08/05/2024 00:00	0.0	0	0	0.0	0.00
08/05/2024 00:10	0.0	0	0	0.0	0.00
08/05/2024 00:20	0.0	0	0	0.0	0.00
08/05/2024 00:30	0.0	0	0	0.0	0.00
08/05/2024 00:40	0.0	0	0	0.0	0.00
08/05/2024 00:50	1.4	242	14	2.2	0.00
08/05/2024 01:00	2.1	243	11	2.8	0.00
08/05/2024 01:10	2.2	245	13	3.0	0.00
08/05/2024 01:20	2.2	249	9	3.1	0.00
08/05/2024 01:30	2.1	247	9	2.6	0.00
08/05/2024 01:40	1.9	247	9	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 01:50	1.8	246	9	2.3	0.00
08/05/2024 02:00	2.0	246	8	2.4	0.00
08/05/2024 02:10	2.1	247	8	2.6	0.00
08/05/2024 02:20	2.3	251	8	2.8	0.00
08/05/2024 02:30	2.1	249	8	2.4	0.00
08/05/2024 02:40	2.3	253	8	2.9	0.00
08/05/2024 02:50	2.1	247	8	2.5	0.00
08/05/2024 03:00	1.9	250	9	2.4	0.00
08/05/2024 03:10	1.1	242	12	1.6	0.00
08/05/2024 03:20	0.5	229	21	1.0	0.00
08/05/2024 03:30	0.3	194	29	1.1	0.00
08/05/2024 03:40	0.2	103	6	0.5	0.00
08/05/2024 03:50	0.5	216	15	1.2	0.00
08/05/2024 04:00	1.4	225	10	1.8	0.00
08/05/2024 04:10	1.1	224	9	1.4	0.00
08/05/2024 04:20	1.3	236	7	1.6	0.00
08/05/2024 04:30	0.9	232	11	1.4	0.00
08/05/2024 04:40	1.7	231	8	2.2	0.00
08/05/2024 04:50	0.9	274	24	1.6	0.00
08/05/2024 05:00	0.1	4	10	0.4	0.00
08/05/2024 05:10	0.2	124	3	0.6	0.00
08/05/2024 05:20	0.9	249	10	1.2	0.00
08/05/2024 05:30	0.2	117	6	0.5	0.00
08/05/2024 05:40	0.0	0	0	0.0	0.00
08/05/2024 05:50	0.0	0	0	0.0	0.00
08/05/2024 06:00	0.0	0	0	0.0	0.00
08/05/2024 06:10	0.0	0	0	0.0	0.00
08/05/2024 06:20	0.0	0	0	0.0	0.00
08/05/2024 06:30	0.5	289	4	1.2	0.00
08/05/2024 06:40	0.4	141	4	0.5	0.00
08/05/2024 06:50	0.0	0	0	0.0	0.00
08/05/2024 07:00	0.0	0	0	0.0	0.00
08/05/2024 07:10	0.2	178	5	0.7	0.00
08/05/2024 07:20	0.8	113	12	1.4	0.00
08/05/2024 07:30	0.7	106	13	1.3	0.00
08/05/2024 07:40	0.2	131	13	0.7	0.00
08/05/2024 07:50	0.5	100	14	1.2	0.00
08/05/2024 08:00	1.2	122	20	1.8	0.00
08/05/2024 08:10	1.2	127	22	1.7	0.00
08/05/2024 08:20	1.1	142	31	2.0	0.00
08/05/2024 08:30	1.2	121	20	1.8	0.00
08/05/2024 08:40	1.2	129	19	1.9	0.00
08/05/2024 08:50	1.3	124	22	2.0	0.00
08/05/2024 09:00	1.3	113	20	1.9	0.00
08/05/2024 09:10	1.3	118	24	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 09:20	2.6	88	12	3.2	0.00
08/05/2024 09:30	4.5	80	11	6.1	0.00
08/05/2024 09:40	5.5	77	11	7.5	0.00
08/05/2024 09:50	5.2	77	12	7.4	0.00
08/05/2024 10:00	4.5	78	12	6.8	0.00
08/05/2024 10:10	5.5	72	12	7.0	0.00
08/05/2024 10:20	5.3	73	11	7.3	0.00
08/05/2024 10:30	6.5	74	12	8.2	0.00
08/05/2024 10:40	5.6	74	11	7.4	0.00
08/05/2024 10:50	6.8	77	10	8.7	0.00
08/05/2024 11:00	6.2	77	12	8.3	0.00
08/05/2024 11:10	5.8	76	12	8.4	0.00
08/05/2024 11:20	6.3	74	10	7.9	0.00
08/05/2024 11:30	6.1	74	11	8.2	0.00
08/05/2024 11:40	6.7	73	11	8.7	0.00
08/05/2024 11:50	6.5	76	11	8.7	0.00
08/05/2024 12:00	6.4	72	11	9.1	0.00
08/05/2024 12:10	6.3	79	11	8.3	0.00
08/05/2024 12:20	6.3	84	11	8.0	0.00
08/05/2024 12:30	6.2	74	13	8.3	0.00
08/05/2024 12:40	6.5	76	12	8.4	0.00
08/05/2024 12:50	5.8	74	13	7.5	0.00
08/05/2024 13:00	6.3	65	12	9.3	0.00
08/05/2024 13:10	5.8	64	9	7.7	0.00
08/05/2024 13:20	6.2	70	12	8.7	0.00
08/05/2024 13:30	6.0	61	12	7.7	0.00
08/05/2024 13:40	6.3	67	12	8.1	0.00
08/05/2024 13:50	5.7	65	13	7.9	0.00
08/05/2024 14:00	5.6	56	12	7.5	0.00
08/05/2024 14:10	5.5	61	11	7.5	0.00
08/05/2024 14:20	5.3	63	13	7.5	0.00
08/05/2024 14:30	5.5	65	11	7.5	0.00
08/05/2024 14:40	4.9	55	14	6.2	0.00
08/05/2024 14:50	4.7	66	10	6.2	0.00
08/05/2024 15:00	4.6	66	11	6.4	0.00
08/05/2024 15:10	4.2	68	14	6.0	0.00
08/05/2024 15:20	3.5	74	13	4.9	0.00
08/05/2024 15:30	3.3	71	13	4.7	0.00
08/05/2024 15:40	2.9	59	15	4.3	0.00
08/05/2024 15:50	3.2	50	16	4.4	0.00
08/05/2024 16:00	3.3	62	13	5.0	0.00
08/05/2024 16:10	3.3	55	14	4.8	0.00
08/05/2024 16:20	3.6	63	13	4.8	0.00
08/05/2024 16:30	3.8	62	13	5.2	0.00
08/05/2024 16:40	3.5	47	15	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 16:50	3.8	47	16	5.6	0.00
08/05/2024 17:00	2.0	13	23	3.5	0.00
08/05/2024 17:10	2.4	32	18	3.6	0.00
08/05/2024 17:20	3.1	39	12	4.4	0.00
08/05/2024 17:30	3.2	37	12	4.5	0.00
08/05/2024 17:40	3.9	35	12	5.2	0.00
08/05/2024 17:50	3.2	31	13	4.5	0.00
08/05/2024 18:00	2.1	20	15	3.6	0.00
08/05/2024 18:10	2.7	22	16	4.0	0.00
08/05/2024 18:20	2.9	34	12	4.0	0.00
08/05/2024 18:30	3.3	42	11	4.4	0.00
08/05/2024 18:40	3.3	35	12	4.3	0.00
08/05/2024 18:50	3.8	43	11	5.3	0.00
08/05/2024 19:00	4.0	45	11	5.6	0.00
08/05/2024 19:10	4.1	39	12	5.4	0.00
08/05/2024 19:20	3.5	35	12	4.8	0.00
08/05/2024 19:30	3.7	35	11	5.2	0.00
08/05/2024 19:40	4.0	34	11	5.5	0.00
08/05/2024 19:50	3.4	39	11	4.6	0.00
08/05/2024 20:00	3.1	39	13	4.3	0.00
08/05/2024 20:10	2.3	26	15	3.7	0.00
08/05/2024 20:20	2.3	5	18	3.9	0.00
08/05/2024 20:30	2.7	5	17	3.8	0.00
08/05/2024 20:40	2.8	2	17	3.9	0.00
08/05/2024 20:50	2.4	6	19	3.6	0.00
08/05/2024 21:00	2.3	183	19	3.9	0.00
08/05/2024 21:10	2.4	14	16	3.9	0.00
08/05/2024 21:20	2.0	12	16	3.2	0.00
08/05/2024 21:30	1.9	22	17	3.2	0.00
08/05/2024 21:40	2.5	31	17	4.2	0.00
08/05/2024 21:50	2.1	25	15	3.6	0.00
08/05/2024 22:00	2.1	31	16	3.4	0.00
08/05/2024 22:10	2.3	36	15	3.7	0.00
08/05/2024 22:20	2.2	29	18	3.4	0.00
08/05/2024 22:30	2.0	32	16	3.0	0.00
08/05/2024 22:40	1.7	11	15	3.0	0.00
08/05/2024 22:50	1.1	348	12	2.8	0.00
08/05/2024 23:00	2.0	344	13	3.0	0.00
08/05/2024 23:10	1.0	338	12	2.5	0.00
08/05/2024 23:20	0.0	0	0	0.0	0.00
08/05/2024 23:30	0.0	0	0	0.0	0.00
08/05/2024 23:40	0.2	251	11	1.6	0.00
08/05/2024 23:50	1.4	232	13	2.0	0.00
09/05/2024 00:00	1.5	241	9	2.1	0.00
09/05/2024 00:10	0.4	125	1	0.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 00:20	0.0	0	0	0.0	0.00
09/05/2024 00:30	0.0	0	0	0.0	0.00
09/05/2024 00:40	0.0	0	0	0.0	0.00
09/05/2024 00:50	0.0	0	0	0.0	0.00
09/05/2024 01:00	1.2	45	6	1.7	0.00
09/05/2024 01:10	2.3	90	10	3.1	0.00
09/05/2024 01:20	2.2	85	9	3.0	0.00
09/05/2024 01:30	0.6	44	4	1.2	0.00
09/05/2024 01:40	0.0	0	0	0.0	0.00
09/05/2024 01:50	1.6	86	9	2.7	0.00
09/05/2024 02:00	0.5	50	5	1.1	0.00
09/05/2024 02:10	0.0	0	0	0.0	0.00
09/05/2024 02:20	0.0	0	0	0.0	0.00
09/05/2024 02:30	0.0	0	0	0.0	0.00
09/05/2024 02:40	0.0	0	0	0.0	0.00
09/05/2024 02:50	0.0	0	0	0.0	0.00
09/05/2024 03:00	0.0	0	0	0.0	0.00
09/05/2024 03:10	0.0	0	0	0.0	0.00
09/05/2024 03:20	0.0	0	0	0.0	0.00
09/05/2024 03:30	0.0	0	0	0.0	0.00
09/05/2024 03:40	0.0	0	0	0.0	0.00
09/05/2024 03:50	0.0	0	0	0.0	0.00
09/05/2024 04:00	0.0	0	0	0.0	0.00
09/05/2024 04:10	0.0	0	0	0.0	0.00
09/05/2024 04:20	0.0	0	0	0.0	0.00
09/05/2024 04:30	0.0	0	0	0.0	0.00
09/05/2024 04:40	2.3	100	7	3.2	0.00
09/05/2024 04:50	2.5	104	7	3.2	0.00
09/05/2024 05:00	2.0	98	7	2.8	0.00
09/05/2024 05:10	0.8	91	10	1.4	0.00
09/05/2024 05:20	0.0	0	0	0.0	0.00
09/05/2024 05:30	0.0	0	0	0.0	0.00
09/05/2024 05:40	0.4	44	4	0.7	0.00
09/05/2024 05:50	1.1	93	11	1.6	0.00
09/05/2024 06:00	1.3	99	9	2.0	0.00
09/05/2024 06:10	1.3	93	14	1.9	0.00
09/05/2024 06:20	1.3	94	13	1.6	0.00
09/05/2024 06:30	1.6	90	11	2.2	0.00
09/05/2024 06:40	1.9	93	11	2.5	0.00
09/05/2024 06:50	2.0	93	13	2.9	0.00
09/05/2024 07:00	2.0	94	11	2.9	0.00
09/05/2024 07:10	2.3	91	11	3.3	0.00
09/05/2024 07:20	2.6	95	12	4.1	0.00
09/05/2024 07:30	3.3	87	13	4.5	0.00
09/05/2024 07:40	3.3	89	12	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 07:50	3.0	82	11	4.4	0.00
09/05/2024 08:00	2.9	88	11	4.1	0.00
09/05/2024 08:10	3.9	94	12	5.2	0.00
09/05/2024 08:20	3.8	99	12	5.2	0.00
09/05/2024 08:30	4.6	98	11	6.1	0.00
09/05/2024 08:40	4.8	97	12	6.8	0.00
09/05/2024 08:50	4.1	92	14	5.7	0.00
09/05/2024 09:00	4.6	94	14	6.7	0.00
09/05/2024 09:10	5.0	104	15	6.6	0.00
09/05/2024 09:20	5.6	95	13	7.9	0.00
09/05/2024 09:30	6.0	92	11	8.6	0.00
09/05/2024 09:40	6.2	81	13	8.7	0.00
09/05/2024 09:50	7.0	80	13	8.8	0.00
09/05/2024 10:00	6.5	80	12	8.9	0.00
09/05/2024 10:10	6.7	85	11	9.4	0.00
09/05/2024 10:20	6.7	77	9	8.8	0.00
09/05/2024 10:30	6.8	83	13	9.5	0.00
09/05/2024 10:40	6.8	80	13	8.7	0.00
09/05/2024 10:50	6.9	78	11	9.6	0.00
09/05/2024 11:00	6.7	83	10	9.1	0.00
09/05/2024 11:10	6.9	83	12	9.0	0.00
09/05/2024 11:20	6.8	80	14	9.3	0.00
09/05/2024 11:30	6.7	74	12	8.9	0.00
09/05/2024 11:40	7.3	74	12	9.7	0.00
09/05/2024 11:50	6.8	76	12	9.8	0.00
09/05/2024 12:00	7.3	76	10	10.0	0.00
09/05/2024 12:10	7.2	76	12	9.9	0.00
09/05/2024 12:20	7.1	73	12	9.5	0.00
09/05/2024 12:30	6.8	65	9	9.5	0.00
09/05/2024 12:40	7.5	71	11	10.3	0.00
09/05/2024 12:50	6.9	76	12	8.8	0.00
09/05/2024 13:00	6.4	67	11	9.9	0.00
09/05/2024 13:10	6.1	73	13	8.6	0.00
09/05/2024 13:20	5.9	72	12	8.3	0.00
09/05/2024 13:30	6.3	73	11	8.7	0.00
09/05/2024 13:40	6.2	74	13	8.1	0.00
09/05/2024 13:50	6.1	76	10	8.0	0.00
09/05/2024 14:00	5.4	73	11	7.7	0.00
09/05/2024 14:10	5.0	69	13	7.2	0.00
09/05/2024 14:20	6.0	76	10	8.3	0.00
09/05/2024 14:30	5.5	68	12	7.6	0.00
09/05/2024 14:40	5.7	63	12	7.6	0.00
09/05/2024 14:50	5.6	61	16	7.6	0.00
09/05/2024 15:00	5.5	53	12	8.5	0.00
09/05/2024 15:10	5.5	50	13	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 15:20	5.2	52	13	7.4	0.00
09/05/2024 15:30	4.7	51	11	6.5	0.00
09/05/2024 15:40	4.5	41	14	6.4	0.00
09/05/2024 15:50	4.2	42	17	6.3	0.00
09/05/2024 16:00	4.0	34	15	6.0	0.00
09/05/2024 16:10	4.0	35	13	5.6	0.00
09/05/2024 16:20	4.2	40	11	5.5	0.00
09/05/2024 16:30	3.7	42	14	5.2	0.00
09/05/2024 16:40	3.3	38	14	5.2	0.00
09/05/2024 16:50	3.3	32	12	4.9	0.00
09/05/2024 17:00	2.8	182	24	4.7	0.00
09/05/2024 17:10	2.9	179	18	4.2	0.00
09/05/2024 17:20	2.3	8	22	3.3	0.00
09/05/2024 17:30	2.0	353	17	3.2	0.00
09/05/2024 17:40	2.3	355	23	3.4	0.00
09/05/2024 17:50	2.8	352	19	4.0	0.00
09/05/2024 18:00	2.5	349	16	3.6	0.00
09/05/2024 18:10	2.0	355	20	3.3	0.00
09/05/2024 18:20	2.1	354	19	2.9	0.00
09/05/2024 18:30	2.4	8	15	3.8	0.00
09/05/2024 18:40	2.1	10	16	3.2	0.00
09/05/2024 18:50	2.4	5	15	3.4	0.00
09/05/2024 19:00	1.8	14	16	3.2	0.00
09/05/2024 19:10	2.3	12	14	3.4	0.00
09/05/2024 19:20	2.0	12	20	3.2	0.00
09/05/2024 19:30	1.9	12	15	2.9	0.00
09/05/2024 19:40	2.2	354	20	3.4	0.00
09/05/2024 19:50	1.2	181	16	2.8	0.00
09/05/2024 20:00	1.8	8	13	3.1	0.00
09/05/2024 20:10	1.9	23	19	2.9	0.00
09/05/2024 20:20	0.5	11	9	1.3	0.00
09/05/2024 20:30	0.7	46	10	2.2	0.00
09/05/2024 20:40	0.0	0	0	0.0	0.00
09/05/2024 20:50	0.0	0	0	0.0	0.00
09/05/2024 21:00	0.0	0	0	0.0	0.00
09/05/2024 21:10	0.1	102	2	0.8	0.00
09/05/2024 21:20	0.0	0	0	0.0	0.00
09/05/2024 21:30	0.0	0	0	0.0	0.00
09/05/2024 21:40	0.0	0	0	0.0	0.00
09/05/2024 21:50	0.0	0	0	0.0	0.00
09/05/2024 22:00	0.0	0	0	0.0	0.00
09/05/2024 22:10	0.0	0	0	0.0	0.00
09/05/2024 22:20	0.0	0	0	0.0	0.00
09/05/2024 22:30	0.0	0	0	0.0	0.00
09/05/2024 22:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 22:50	0.0	0	0	0.0	0.00
09/05/2024 23:00	0.0	0	0	0.0	0.00
09/05/2024 23:10	0.0	0	0	0.0	0.00
09/05/2024 23:20	0.0	0	0	0.0	0.00
09/05/2024 23:30	0.0	0	0	0.0	0.00
09/05/2024 23:40	0.0	0	0	0.0	0.00
09/05/2024 23:50	0.0	0	0	0.0	0.00
10/05/2024 00:00	0.0	0	0	0.0	0.00
10/05/2024 00:10	0.0	0	0	0.0	0.00
10/05/2024 00:20	0.0	0	0	0.0	0.00
10/05/2024 00:30	0.1	46	1	1.0	0.00
10/05/2024 00:40	2.1	92	10	2.7	0.00
10/05/2024 00:50	2.1	83	8	3.0	0.00
10/05/2024 01:00	2.0	85	9	2.5	0.00
10/05/2024 01:10	1.9	86	10	2.7	0.00
10/05/2024 01:20	2.1	90	10	2.8	0.00
10/05/2024 01:30	1.9	98	11	2.4	0.00
10/05/2024 01:40	1.2	120	16	1.7	0.00
10/05/2024 01:50	1.3	118	10	1.8	0.00
10/05/2024 02:00	0.5	55	4	0.9	0.00
10/05/2024 02:10	0.0	0	0	0.0	0.00
10/05/2024 02:20	1.0	108	4	2.0	0.00
10/05/2024 02:30	1.0	84	6	1.3	0.00
10/05/2024 02:40	0.4	40	3	0.8	0.00
10/05/2024 02:50	0.0	0	0	0.0	0.00
10/05/2024 03:00	0.0	0	0	0.0	0.00
10/05/2024 03:10	0.0	0	0	0.0	0.00
10/05/2024 03:20	0.0	0	0	0.0	0.00
10/05/2024 03:30	0.0	0	0	0.0	0.00
10/05/2024 03:40	0.0	0	0	0.0	0.00
10/05/2024 03:50	0.0	0	0	0.0	0.00
10/05/2024 04:00	0.0	0	0	0.0	0.00
10/05/2024 04:10	0.0	0	0	0.0	0.00
10/05/2024 04:20	0.0	0	0	0.0	0.00
10/05/2024 04:30	0.0	0	0	0.0	0.00
10/05/2024 04:40	0.0	0	0	0.0	0.00
10/05/2024 04:50	0.0	0	0	0.0	0.00
10/05/2024 05:00	0.0	0	0	0.0	0.00
10/05/2024 05:10	0.0	29	1	0.6	0.00
10/05/2024 05:20	0.4	32	8	0.8	0.00
10/05/2024 05:30	0.8	92	15	2.4	0.00
10/05/2024 05:40	2.4	83	10	3.6	0.00
10/05/2024 05:50	2.9	83	9	3.6	0.00
10/05/2024 06:00	2.9	79	11	3.8	0.00
10/05/2024 06:10	2.8	84	10	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 06:20	2.9	80	12	4.0	0.00
10/05/2024 06:30	2.9	86	12	4.0	0.00
10/05/2024 06:40	2.9	81	10	3.9	0.00
10/05/2024 06:50	2.7	87	11	3.9	0.00
10/05/2024 07:00	3.0	87	11	4.0	0.00
10/05/2024 07:10	3.3	85	11	4.4	0.00
10/05/2024 07:20	3.3	82	9	4.6	0.00
10/05/2024 07:30	3.4	83	10	4.4	0.00
10/05/2024 07:40	3.5	84	11	4.7	0.00
10/05/2024 07:50	3.4	87	11	4.5	0.00
10/05/2024 08:00	3.7	88	11	5.0	0.00
10/05/2024 08:10	4.1	93	11	6.0	0.00
10/05/2024 08:20	3.6	94	11	4.7	0.00
10/05/2024 08:30	4.3	93	12	6.1	0.00
10/05/2024 08:40	4.2	94	10	5.4	0.00
10/05/2024 08:50	4.1	90	12	5.4	0.00
10/05/2024 09:00	3.9	95	11	5.3	0.00
10/05/2024 09:10	3.9	101	13	5.1	0.00
10/05/2024 09:20	4.1	99	12	5.5	0.00
10/05/2024 09:30	3.8	89	13	5.2	0.00
10/05/2024 09:40	3.5	92	14	5.6	0.00
10/05/2024 09:50	3.7	93	12	5.2	0.00
10/05/2024 10:00	3.7	93	11	5.3	0.00
10/05/2024 10:10	4.8	88	14	7.1	0.00
10/05/2024 10:20	5.8	76	11	7.4	0.00
10/05/2024 10:30	5.6	78	12	7.7	0.00
10/05/2024 10:40	6.2	75	11	8.4	0.00
10/05/2024 10:50	5.5	82	12	7.5	0.00
10/05/2024 11:00	5.8	81	12	8.6	0.00
10/05/2024 11:10	5.2	81	12	7.5	0.00
10/05/2024 11:20	5.4	86	12	7.5	0.00
10/05/2024 11:30	6.1	83	12	8.8	0.00
10/05/2024 11:40	5.7	85	13	9.0	0.00
10/05/2024 11:50	5.4	84	14	7.8	0.00
10/05/2024 12:00	5.7	80	11	7.6	0.00
10/05/2024 12:10	5.7	71	12	8.7	0.00
10/05/2024 12:20	5.9	71	12	8.7	0.00
10/05/2024 12:30	6.3	72	14	8.2	0.00
10/05/2024 12:40	5.9	78	12	8.0	0.00
10/05/2024 12:50	5.9	81	12	8.2	0.00
10/05/2024 13:00	5.5	74	12	7.9	0.00
10/05/2024 13:10	5.8	73	10	7.7	0.00
10/05/2024 13:20	5.2	73	10	7.6	0.00
10/05/2024 13:30	5.6	66	11	7.6	0.00
10/05/2024 13:40	5.2	70	10	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 13:50	5.1	67	14	6.8	0.00
10/05/2024 14:00	5.6	69	13	8.2	0.00
10/05/2024 14:10	6.1	73	11	8.1	0.00
10/05/2024 14:20	5.0	71	14	6.6	0.00
10/05/2024 14:30	5.7	65	11	7.6	0.00
10/05/2024 14:40	5.3	70	12	6.9	0.00
10/05/2024 14:50	5.6	67	11	7.6	0.00
10/05/2024 15:00	5.3	72	11	6.9	0.00
10/05/2024 15:10	5.4	71	12	7.9	0.00
10/05/2024 15:20	5.1	67	14	7.0	0.00
10/05/2024 15:30	4.5	60	14	6.6	0.00
10/05/2024 15:40	4.8	61	12	6.8	0.00
10/05/2024 15:50	5.3	70	11	7.6	0.00
10/05/2024 16:00	5.0	70	11	7.1	0.00
10/05/2024 16:10	4.9	63	11	6.8	0.00
10/05/2024 16:20	5.3	55	12	7.3	0.00
10/05/2024 16:30	5.0	55	11	6.8	0.00
10/05/2024 16:40	4.5	54	13	6.1	0.00
10/05/2024 16:50	4.6	53	11	6.5	0.00
10/05/2024 17:00	4.4	54	13	5.9	0.00
10/05/2024 17:10	4.1	53	12	5.6	0.00
10/05/2024 17:20	4.6	50	13	6.2	0.00
10/05/2024 17:30	3.8	52	11	5.2	0.00
10/05/2024 17:40	3.6	53	11	5.4	0.00
10/05/2024 17:50	3.1	49	10	4.6	0.00
10/05/2024 18:00	3.3	33	12	4.5	0.00
10/05/2024 18:10	3.9	35	11	4.9	0.00
10/05/2024 18:20	4.1	40	11	5.5	0.00
10/05/2024 18:30	4.1	47	11	5.1	0.00
10/05/2024 18:40	3.2	47	11	4.4	0.00
10/05/2024 18:50	2.8	45	11	3.9	0.00
10/05/2024 19:00	2.6	46	12	3.6	0.00
10/05/2024 19:10	2.3	43	9	3.0	0.00
10/05/2024 19:20	1.8	24	13	3.2	0.00
10/05/2024 19:30	0.9	22	10	3.2	0.00
10/05/2024 19:40	1.2	26	15	2.4	0.00
10/05/2024 19:50	1.7	31	14	2.7	0.00
10/05/2024 20:00	1.2	30	13	2.3	0.00
10/05/2024 20:10	0.1	63	7	0.9	0.00
10/05/2024 20:20	0.0	0	0	0.0	0.00
10/05/2024 20:30	0.0	0	0	0.0	0.00
10/05/2024 20:40	0.0	0	0	0.0	0.00
10/05/2024 20:50	0.0	0	0	0.0	0.00
10/05/2024 21:00	0.0	0	0	0.0	0.00
10/05/2024 21:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 21:20	0.0	0	0	0.0	0.00
10/05/2024 21:30	0.0	0	0	0.0	0.00
10/05/2024 21:40	0.0	0	0	0.0	0.00
10/05/2024 21:50	0.0	0	0	0.0	0.00
10/05/2024 22:00	0.0	0	0	0.0	0.00
10/05/2024 22:10	0.0	0	0	0.0	0.00
10/05/2024 22:20	0.0	0	0	0.0	0.00
10/05/2024 22:30	0.0	0	0	0.0	0.00
10/05/2024 22:40	0.0	0	0	0.0	0.00
10/05/2024 22:50	0.0	0	0	0.0	0.00
10/05/2024 23:00	0.0	0	0	0.0	0.00
10/05/2024 23:10	0.0	0	0	0.0	0.00
10/05/2024 23:20	0.0	0	0	0.0	0.00
10/05/2024 23:30	0.0	0	0	0.0	0.00
10/05/2024 23:40	0.0	0	0	0.0	0.00
10/05/2024 23:50	0.0	0	0	0.0	0.00
11/05/2024 00:00	0.0	0	0	0.0	0.00
11/05/2024 00:10	0.0	0	0	0.0	0.00
11/05/2024 00:20	0.0	0	0	0.0	0.00
11/05/2024 00:30	0.0	0	0	0.0	0.00
11/05/2024 00:40	0.0	0	0	0.0	0.00
11/05/2024 00:50	0.0	0	0	0.0	0.00
11/05/2024 01:00	0.0	0	0	0.0	0.00
11/05/2024 01:10	0.0	0	0	0.0	0.00
11/05/2024 01:20	0.0	0	0	0.0	0.00
11/05/2024 01:30	0.0	0	0	0.0	0.00
11/05/2024 01:40	0.0	0	0	0.0	0.00
11/05/2024 01:50	0.0	0	0	0.0	0.00
11/05/2024 02:00	0.0	0	0	0.0	0.00
11/05/2024 02:10	0.0	0	0	0.0	0.00
11/05/2024 02:20	0.0	0	0	0.0	0.00
11/05/2024 02:30	0.0	0	0	0.0	0.00
11/05/2024 02:40	0.0	0	0	0.0	0.00
11/05/2024 02:50	0.0	0	0	0.0	0.00
11/05/2024 03:00	0.0	0	0	0.0	0.00
11/05/2024 03:10	0.9	235	14	2.0	0.00
11/05/2024 03:20	0.2	115	7	0.5	0.00
11/05/2024 03:30	0.8	65	21	1.7	0.00
11/05/2024 03:40	1.3	139	30	2.6	0.00
11/05/2024 03:50	2.5	121	12	3.7	0.00
11/05/2024 04:00	2.2	107	10	3.1	0.00
11/05/2024 04:10	2.2	93	9	3.3	0.00
11/05/2024 04:20	2.6	88	11	3.9	0.00
11/05/2024 04:30	2.2	85	13	3.0	0.00
11/05/2024 04:40	2.0	85	16	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 04:50	2.4	86	13	3.5	0.00
11/05/2024 05:00	1.6	83	10	2.0	0.00
11/05/2024 05:10	1.4	84	11	2.4	0.00
11/05/2024 05:20	1.6	101	10	2.6	0.00
11/05/2024 05:30	1.6	94	12	2.7	0.00
11/05/2024 05:40	1.5	97	8	2.1	0.00
11/05/2024 05:50	1.4	91	9	1.9	0.00
11/05/2024 06:00	1.2	92	9	1.7	0.00
11/05/2024 06:10	1.1	84	10	1.9	0.00
11/05/2024 06:20	1.4	82	9	2.1	0.00
11/05/2024 06:30	1.5	84	11	2.2	0.00
11/05/2024 06:40	2.0	84	12	3.2	0.00
11/05/2024 06:50	2.7	78	10	3.6	0.00
11/05/2024 07:00	3.1	84	10	4.1	0.00
11/05/2024 07:10	3.2	86	12	4.7	0.00
11/05/2024 07:20	2.9	85	11	4.3	0.00
11/05/2024 07:30	2.6	85	12	3.6	0.00
11/05/2024 07:40	2.9	89	11	4.2	0.00
11/05/2024 07:50	3.4	93	11	4.7	0.00
11/05/2024 08:00	3.7	92	11	5.2	0.00
11/05/2024 08:10	3.7	93	11	5.0	0.00
11/05/2024 08:20	3.9	91	13	5.7	0.00
11/05/2024 08:30	4.0	92	12	5.5	0.00
11/05/2024 08:40	3.4	90	15	4.9	0.00
11/05/2024 08:50	4.0	92	11	5.7	0.00
11/05/2024 09:00	4.0	95	10	5.5	0.00
11/05/2024 09:10	4.1	92	11	5.4	0.00
11/05/2024 09:20	3.6	96	12	5.0	0.00
11/05/2024 09:30	3.4	91	11	4.9	0.00
11/05/2024 09:40	3.5	95	11	4.9	0.00
11/05/2024 09:50	3.9	90	11	5.7	0.00
11/05/2024 10:00	3.6	83	13	5.1	0.00
11/05/2024 10:10	3.8	88	15	5.1	0.00
11/05/2024 10:20	4.7	92	16	6.6	0.00
11/05/2024 10:30	4.6	82	15	6.6	0.00
11/05/2024 10:40	4.5	80	12	6.5	0.00
11/05/2024 10:50	4.8	87	10	6.8	0.00
11/05/2024 11:00	4.6	78	14	6.6	0.00
11/05/2024 11:10	4.8	70	12	6.4	0.00
11/05/2024 11:20	5.1	72	11	7.0	0.00
11/05/2024 11:30	4.7	73	13	6.3	0.00
11/05/2024 11:40	5.0	75	13	7.1	0.00
11/05/2024 11:50	4.9	76	11	6.8	0.00
11/05/2024 12:00	4.8	69	13	6.9	0.00
11/05/2024 12:10	5.1	69	14	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 12:20	5.0	63	13	6.9	0.00
11/05/2024 12:30	5.3	67	13	7.5	0.00
11/05/2024 12:40	4.8	72	12	6.8	0.00
11/05/2024 12:50	4.9	74	10	6.4	0.00
11/05/2024 13:00	4.9	81	12	6.8	0.00
11/05/2024 13:10	5.4	79	11	7.3	0.00
11/05/2024 13:20	4.9	78	14	7.5	0.00
11/05/2024 13:30	5.0	73	11	6.4	0.00
11/05/2024 13:40	5.0	80	10	6.6	0.00
11/05/2024 13:50	5.2	73	11	6.7	0.00
11/05/2024 14:00	4.6	69	12	6.1	0.00
11/05/2024 14:10	5.3	65	11	7.3	0.00
11/05/2024 14:20	5.2	60	11	7.1	0.00
11/05/2024 14:30	4.9	54	14	6.5	0.00
11/05/2024 14:40	5.0	55	12	6.4	0.00
11/05/2024 14:50	4.7	58	11	6.4	0.00
11/05/2024 15:00	4.6	57	12	7.1	0.00
11/05/2024 15:10	4.5	53	12	6.0	0.00
11/05/2024 15:20	4.7	50	11	6.1	0.00
11/05/2024 15:30	4.3	46	12	5.6	0.00
11/05/2024 15:40	3.8	56	11	5.0	0.00
11/05/2024 15:50	3.6	49	13	5.5	0.00
11/05/2024 16:00	3.2	31	12	5.1	0.00
11/05/2024 16:10	3.5	45	13	5.2	0.00
11/05/2024 16:20	3.4	35	14	4.7	0.00
11/05/2024 16:30	3.6	36	13	4.8	0.00
11/05/2024 16:40	3.6	40	12	4.6	0.00
11/05/2024 16:50	3.4	36	10	4.4	0.00
11/05/2024 17:00	3.2	40	11	4.4	0.00
11/05/2024 17:10	2.5	18	21	4.0	0.00
11/05/2024 17:20	2.7	6	15	3.7	0.00
11/05/2024 17:30	2.5	351	16	3.5	0.00
11/05/2024 17:40	1.9	19	16	3.0	0.00
11/05/2024 17:50	1.7	26	15	2.9	0.00
11/05/2024 18:00	1.7	12	16	2.8	0.00
11/05/2024 18:10	1.5	356	20	2.8	0.00
11/05/2024 18:20	1.4	183	18	2.1	0.00
11/05/2024 18:30	0.6	8	11	1.7	0.00
11/05/2024 18:40	1.7	7	15	2.6	0.00
11/05/2024 18:50	1.0	33	11	2.0	0.00
11/05/2024 19:00	0.1	20	1	0.5	0.00
11/05/2024 19:10	0.0	107	1	0.2	0.00
11/05/2024 19:20	0.0	0	0	0.0	0.00
11/05/2024 19:30	0.0	0	0	0.0	0.00
11/05/2024 19:40	0.2	18	7	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 19:50	0.3	32	13	1.4	0.00
11/05/2024 20:00	0.0	0	0	0.0	0.00
11/05/2024 20:10	0.3	24	3	0.7	0.00
11/05/2024 20:20	0.7	53	6	1.2	0.00
11/05/2024 20:30	0.0	39	0	0.2	0.00
11/05/2024 20:40	0.2	38	5	0.8	0.00
11/05/2024 20:50	0.1	33	4	0.7	0.00
11/05/2024 21:00	0.2	84	11	0.8	0.00
11/05/2024 21:10	0.1	336	2	0.9	0.00
11/05/2024 21:20	0.0	0	0	0.0	0.00
11/05/2024 21:30	0.0	0	0	0.0	0.00
11/05/2024 21:40	0.0	0	0	0.0	0.00
11/05/2024 21:50	0.0	0	0	0.0	0.00
11/05/2024 22:00	0.0	0	0	0.0	0.00
11/05/2024 22:10	0.0	0	0	0.0	0.00
11/05/2024 22:20	0.0	0	0	0.0	0.00
11/05/2024 22:30	0.0	0	0	0.0	0.00
11/05/2024 22:40	0.0	0	0	0.0	0.00
11/05/2024 22:50	0.0	0	0	0.0	0.00
11/05/2024 23:00	0.0	0	0	0.0	0.00
11/05/2024 23:10	0.0	0	0	0.0	0.00
11/05/2024 23:20	0.0	0	0	0.0	0.00
11/05/2024 23:30	0.0	0	0	0.0	0.00
11/05/2024 23:40	0.0	0	0	0.0	0.00
11/05/2024 23:50	0.0	0	0	0.0	0.00
12/05/2024 00:00	0.0	0	0	0.0	0.00
12/05/2024 00:10	0.0	0	0	0.0	0.00
12/05/2024 00:20	0.0	0	0	0.0	0.00
12/05/2024 00:30	0.0	0	0	0.0	0.00
12/05/2024 00:40	0.0	0	0	0.0	0.00
12/05/2024 00:50	0.0	0	0	0.0	0.00
12/05/2024 01:00	0.0	0	0	0.0	0.00
12/05/2024 01:10	0.0	0	0	0.0	0.00
12/05/2024 01:20	0.0	0	0	0.0	0.00
12/05/2024 01:30	0.0	0	0	0.0	0.00
12/05/2024 01:40	0.0	0	0	0.0	0.00
12/05/2024 01:50	0.0	0	0	0.0	0.00
12/05/2024 02:00	0.0	0	0	0.0	0.00
12/05/2024 02:10	0.0	0	0	0.0	0.00
12/05/2024 02:20	0.0	0	0	0.0	0.00
12/05/2024 02:30	0.0	0	0	0.0	0.00
12/05/2024 02:40	0.0	0	0	0.0	0.00
12/05/2024 02:50	0.0	0	0	0.0	0.00
12/05/2024 03:00	0.8	101	18	1.9	0.00
12/05/2024 03:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 03:20	0.0	0	0	0.0	0.00
12/05/2024 03:30	0.0	0	0	0.0	0.00
12/05/2024 03:40	0.0	0	0	0.0	0.00
12/05/2024 03:50	0.0	0	0	0.0	0.00
12/05/2024 04:00	0.0	0	0	0.0	0.00
12/05/2024 04:10	0.0	0	0	0.0	0.00
12/05/2024 04:20	0.5	46	6	1.1	0.00
12/05/2024 04:30	1.4	91	15	2.1	0.00
12/05/2024 04:40	2.1	85	11	2.9	0.00
12/05/2024 04:50	2.5	82	11	3.6	0.00
12/05/2024 05:00	2.8	78	9	3.9	0.00
12/05/2024 05:10	2.8	82	9	4.0	0.00
12/05/2024 05:20	2.7	86	10	4.0	0.00
12/05/2024 05:30	2.9	85	11	3.6	0.00
12/05/2024 05:40	2.4	85	12	3.2	0.00
12/05/2024 05:50	1.6	105	13	2.2	0.00
12/05/2024 06:00	1.0	103	8	2.2	0.00
12/05/2024 06:10	1.9	91	8	2.5	0.00
12/05/2024 06:20	0.6	45	3	1.0	0.00
12/05/2024 06:30	0.3	48	3	1.2	0.00
12/05/2024 06:40	1.6	90	9	2.0	0.00
12/05/2024 06:50	1.6	89	11	2.2	0.00
12/05/2024 07:00	1.6	85	10	2.1	0.00
12/05/2024 07:10	1.6	101	10	2.3	0.00
12/05/2024 07:20	2.5	86	13	4.0	0.00
12/05/2024 07:30	3.1	77	8	3.9	0.00
12/05/2024 07:40	3.1	85	10	4.2	0.00
12/05/2024 07:50	2.7	85	9	3.3	0.00
12/05/2024 08:00	2.9	85	13	4.4	0.00
12/05/2024 08:10	2.9	83	12	4.2	0.00
12/05/2024 08:20	3.2	88	12	4.6	0.00
12/05/2024 08:30	3.5	91	11	4.9	0.00
12/05/2024 08:40	3.8	91	12	5.5	0.00
12/05/2024 08:50	3.9	92	12	5.4	0.00
12/05/2024 09:00	4.1	93	12	5.4	0.00
12/05/2024 09:10	4.1	89	11	5.9	0.00
12/05/2024 09:20	4.1	89	11	5.5	0.00
12/05/2024 09:30	4.3	88	11	5.4	0.00
12/05/2024 09:40	3.9	90	13	5.5	0.00
12/05/2024 09:50	3.8	94	15	6.2	0.00
12/05/2024 10:00	4.2	86	15	5.6	0.00
12/05/2024 10:10	5.3	93	14	7.5	0.00
12/05/2024 10:20	6.4	91	12	8.8	0.00
12/05/2024 10:30	6.2	85	13	8.8	0.00
12/05/2024 10:40	6.3	91	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 10:50	5.9	86	12	7.8	0.00
12/05/2024 11:00	6.4	84	13	9.6	0.00
12/05/2024 11:10	6.3	83	12	8.7	0.00
12/05/2024 11:20	6.2	82	11	8.2	0.00
12/05/2024 11:30	6.2	78	13	8.7	0.00
12/05/2024 11:40	6.7	77	11	10.1	0.00
12/05/2024 11:50	5.9	75	11	8.3	0.00
12/05/2024 12:00	6.0	83	13	8.6	0.00
12/05/2024 12:10	6.4	79	11	9.5	0.00
12/05/2024 12:20	6.4	84	12	9.4	0.00
12/05/2024 12:30	5.6	87	12	7.4	0.00
12/05/2024 12:40	5.5	73	13	7.5	0.00
12/05/2024 12:50	5.6	72	12	7.3	0.00
12/05/2024 13:00	5.7	72	11	7.8	0.00
12/05/2024 13:10	6.0	74	12	7.6	0.00
12/05/2024 13:20	5.6	82	14	7.5	0.00
12/05/2024 13:30	5.5	76	11	7.9	0.00
12/05/2024 13:40	5.6	85	11	7.4	0.00
12/05/2024 13:50	5.5	82	12	7.6	0.00
12/05/2024 14:00	5.5	82	12	7.1	0.00
12/05/2024 14:10	5.2	80	12	7.2	0.00
12/05/2024 14:20	4.8	69	16	7.1	0.00
12/05/2024 14:30	4.9	74	10	7.8	0.00
12/05/2024 14:40	5.3	76	13	7.5	0.00
12/05/2024 14:50	5.4	72	11	7.6	0.00
12/05/2024 15:00	4.9	67	18	7.1	0.00
12/05/2024 15:10	4.7	64	16	7.1	0.00
12/05/2024 15:20	5.3	69	11	6.8	0.00
12/05/2024 15:30	5.6	72	12	7.4	0.00
12/05/2024 15:40	5.3	75	14	7.4	0.00
12/05/2024 15:50	4.9	71	13	7.0	0.00
12/05/2024 16:00	4.8	75	12	6.1	0.00
12/05/2024 16:10	4.4	71	14	6.7	0.00
12/05/2024 16:20	4.3	75	9	6.0	0.00
12/05/2024 16:30	3.9	64	13	5.8	0.00
12/05/2024 16:40	3.9	60	12	5.4	0.00
12/05/2024 16:50	3.8	62	11	5.2	0.00
12/05/2024 17:00	3.8	65	15	5.3	0.00
12/05/2024 17:10	3.7	39	12	5.2	0.00
12/05/2024 17:20	4.0	41	13	5.1	0.00
12/05/2024 17:30	3.6	42	12	4.8	0.00
12/05/2024 17:40	3.1	43	12	4.4	0.00
12/05/2024 17:50	2.6	25	15	3.9	0.00
12/05/2024 18:00	2.4	27	17	3.6	0.00
12/05/2024 18:10	2.1	31	15	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 18:20	2.9	34	12	4.4	0.00
12/05/2024 18:30	2.9	40	11	4.1	0.00
12/05/2024 18:40	2.2	37	14	3.5	0.00
12/05/2024 18:50	1.9	18	19	3.0	0.00
12/05/2024 19:00	1.5	28	20	2.4	0.00
12/05/2024 19:10	2.0	21	21	3.0	0.00
12/05/2024 19:20	1.3	13	14	2.7	0.00
12/05/2024 19:30	1.9	35	18	3.1	0.00
12/05/2024 19:40	2.5	45	14	3.6	0.00
12/05/2024 19:50	2.4	46	11	3.6	0.00
12/05/2024 20:00	2.1	45	12	3.1	0.00
12/05/2024 20:10	2.1	43	15	2.9	0.00
12/05/2024 20:20	2.2	43	13	3.0	0.00
12/05/2024 20:30	1.7	39	18	2.5	0.00
12/05/2024 20:40	2.0	45	13	3.3	0.00
12/05/2024 20:50	2.5	51	11	3.6	0.00
12/05/2024 21:00	2.5	47	11	3.2	0.00
12/05/2024 21:10	2.2	48	12	3.1	0.00
12/05/2024 21:20	2.1	54	10	2.8	0.00
12/05/2024 21:30	2.3	47	8	3.1	0.00
12/05/2024 21:40	2.3	51	9	3.1	0.00
12/05/2024 21:50	2.4	46	9	3.4	0.00
12/05/2024 22:00	2.5	48	11	3.2	0.00
12/05/2024 22:10	2.2	50	10	2.8	0.00
12/05/2024 22:20	2.3	45	9	3.2	0.00
12/05/2024 22:30	2.3	52	10	2.9	0.00
12/05/2024 22:40	2.1	43	11	2.9	0.00
12/05/2024 22:50	2.2	48	9	2.8	0.00
12/05/2024 23:00	2.2	40	8	3.0	0.00
12/05/2024 23:10	2.0	39	9	2.4	0.00
12/05/2024 23:20	1.8	45	11	2.4	0.00
12/05/2024 23:30	0.7	45	11	1.6	0.00
12/05/2024 23:40	0.0	0	0	0.0	0.00
12/05/2024 23:50	0.0	0	0	0.0	0.00
13/05/2024 00:00	0.9	15	11	2.3	0.00
13/05/2024 00:10	0.5	170	12	1.2	0.00
13/05/2024 00:20	0.3	112	9	0.9	0.00
13/05/2024 00:30	0.1	141	9	0.7	0.00
13/05/2024 00:40	0.0	0	0	0.0	0.00
13/05/2024 00:50	0.0	0	0	0.0	0.00
13/05/2024 01:00	0.0	0	0	0.0	0.00
13/05/2024 01:10	0.0	0	0	0.0	0.00
13/05/2024 01:20	0.0	0	0	0.0	0.00
13/05/2024 01:30	0.0	0	0	0.0	0.00
13/05/2024 01:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 01:50	0.0	0	0	0.0	0.00
13/05/2024 02:00	0.0	0	0	0.0	0.00
13/05/2024 02:10	0.0	0	0	0.0	0.00
13/05/2024 02:20	0.0	0	0	0.0	0.00
13/05/2024 02:30	0.5	215	17	1.7	0.00
13/05/2024 02:40	0.5	214	23	1.7	0.00
13/05/2024 02:50	0.5	212	31	1.3	0.00
13/05/2024 03:00	0.7	214	15	2.0	0.00
13/05/2024 03:10	0.2	109	11	0.7	0.00
13/05/2024 03:20	0.0	0	0	0.0	0.00
13/05/2024 03:30	0.0	0	0	0.0	0.00
13/05/2024 03:40	0.0	0	0	0.0	0.00
13/05/2024 03:50	0.2	260	10	1.8	0.00
13/05/2024 04:00	0.0	86	3	0.3	0.00
13/05/2024 04:10	0.0	0	0	0.0	0.00
13/05/2024 04:20	0.0	0	0	0.0	0.00
13/05/2024 04:30	0.0	0	0	0.0	0.00
13/05/2024 04:40	0.0	0	0	0.0	0.00
13/05/2024 04:50	0.0	0	0	0.0	0.00
13/05/2024 05:00	0.0	0	0	0.0	0.00
13/05/2024 05:10	0.0	0	0	0.0	0.00
13/05/2024 05:20	0.0	0	0	0.0	0.00
13/05/2024 05:30	0.0	0	0	0.0	0.00
13/05/2024 05:40	0.0	0	0	0.0	0.00
13/05/2024 05:50	0.0	0	0	0.0	0.00
13/05/2024 06:00	0.0	0	0	0.0	0.00
13/05/2024 06:10	0.0	0	0	0.0	0.00
13/05/2024 06:20	0.0	0	0	0.0	0.00
13/05/2024 06:30	0.0	0	0	0.0	0.00
13/05/2024 06:40	0.0	0	0	0.0	0.00
13/05/2024 06:50	0.0	0	0	0.0	0.00
13/05/2024 07:00	0.0	0	0	0.0	0.00
13/05/2024 07:10	0.0	0	0	0.0	0.00
13/05/2024 07:20	1.0	80	12	1.6	0.00
13/05/2024 07:30	1.5	99	13	2.1	0.00
13/05/2024 07:40	0.5	64	9	0.9	0.00
13/05/2024 07:50	0.0	0	0	0.0	0.00
13/05/2024 08:00	0.0	56	0	0.2	0.00
13/05/2024 08:10	1.1	106	8	2.6	0.00
13/05/2024 08:20	2.3	96	13	3.3	0.00
13/05/2024 08:30	3.2	108	9	4.4	0.00
13/05/2024 08:40	3.3	108	12	4.4	0.00
13/05/2024 08:50	3.0	115	15	4.8	0.00
13/05/2024 09:00	3.3	97	14	4.4	0.00
13/05/2024 09:10	3.0	97	13	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 09:20	3.1	98	16	4.4	0.00
13/05/2024 09:30	3.9	94	12	5.2	0.00
13/05/2024 09:40	4.2	99	12	5.6	0.00
13/05/2024 09:50	4.3	96	13	5.9	0.00
13/05/2024 10:00	3.8	92	13	5.5	0.00
13/05/2024 10:10	4.1	99	14	5.4	0.00
13/05/2024 10:20	4.1	101	15	5.8	0.00
13/05/2024 10:30	4.1	94	14	5.6	0.00
13/05/2024 10:40	4.0	100	15	5.5	0.00
13/05/2024 10:50	4.2	86	17	5.7	0.00
13/05/2024 11:00	4.7	78	13	6.6	0.00
13/05/2024 11:10	4.5	84	12	6.4	0.00
13/05/2024 11:20	4.7	73	13	6.7	0.00
13/05/2024 11:30	5.2	78	11	7.0	0.00
13/05/2024 11:40	4.8	67	11	6.4	0.00
13/05/2024 11:50	4.7	67	13	6.2	0.00
13/05/2024 12:00	4.5	73	12	5.9	0.00
13/05/2024 12:10	4.6	76	14	6.1	0.00
13/05/2024 12:20	4.1	71	14	5.9	0.00
13/05/2024 12:30	4.2	73	13	5.7	0.00
13/05/2024 12:40	4.2	70	14	5.7	0.00
13/05/2024 12:50	4.9	67	11	6.4	0.00
13/05/2024 13:00	4.4	74	12	6.2	0.00
13/05/2024 13:10	4.2	69	14	6.1	0.00
13/05/2024 13:20	3.6	63	14	5.4	0.00
13/05/2024 13:30	3.9	60	14	5.6	0.00
13/05/2024 13:40	4.2	54	17	6.1	0.00
13/05/2024 13:50	4.2	60	13	5.9	0.00
13/05/2024 14:00	4.3	74	12	6.2	0.00
13/05/2024 14:10	3.9	86	12	5.3	0.00
13/05/2024 14:20	4.8	78	11	7.0	0.00
13/05/2024 14:30	4.2	72	15	6.2	0.00
13/05/2024 14:40	4.4	66	14	5.8	0.00
13/05/2024 14:50	4.1	67	12	5.9	0.00
13/05/2024 15:00	3.9	74	14	5.9	0.00
13/05/2024 15:10	4.3	82	13	6.2	0.00
13/05/2024 15:20	3.4	56	16	5.0	0.00
13/05/2024 15:30	3.8	60	18	5.2	0.00
13/05/2024 15:40	3.7	56	18	5.2	0.00
13/05/2024 15:50	4.5	71	12	5.7	0.00
13/05/2024 16:00	4.2	63	13	5.6	0.00
13/05/2024 16:10	4.0	65	13	5.2	0.00
13/05/2024 16:20	3.3	54	14	4.7	0.00
13/05/2024 16:30	3.4	51	16	5.2	0.00
13/05/2024 16:40	3.3	50	15	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 16:50	3.0	54	17	5.0	0.00
13/05/2024 17:00	2.9	43	15	4.4	0.00
13/05/2024 17:10	3.4	48	13	4.8	0.00
13/05/2024 17:20	3.3	44	14	4.3	0.00
13/05/2024 17:30	3.3	40	12	4.4	0.00
13/05/2024 17:40	2.9	38	14	3.8	0.00
13/05/2024 17:50	2.9	43	9	3.8	0.00
13/05/2024 18:00	2.9	41	12	3.9	0.00
13/05/2024 18:10	2.9	44	11	3.9	0.00
13/05/2024 18:20	2.8	41	12	3.8	0.00
13/05/2024 18:30	2.7	39	11	3.6	0.00
13/05/2024 18:40	2.5	37	12	3.6	0.00
13/05/2024 18:50	2.4	9	16	3.2	0.00
13/05/2024 19:00	2.1	17	16	3.2	0.00
13/05/2024 19:10	2.4	19	18	3.3	0.00
13/05/2024 19:20	2.6	27	15	3.6	0.00
13/05/2024 19:30	2.9	29	13	4.0	0.00
13/05/2024 19:40	3.1	40	12	4.0	0.00
13/05/2024 19:50	3.1	42	11	4.4	0.00
13/05/2024 20:00	2.9	38	11	3.9	0.00
13/05/2024 20:10	2.8	37	10	3.6	0.00
13/05/2024 20:20	2.9	37	13	4.7	0.00
13/05/2024 20:30	2.9	38	13	4.0	0.00
13/05/2024 20:40	3.1	38	13	4.3	0.00
13/05/2024 20:50	3.4	51	10	4.4	0.00
13/05/2024 21:00	3.0	53	11	3.9	0.00
13/05/2024 21:10	2.8	57	10	3.7	0.00
13/05/2024 21:20	3.1	54	10	4.5	0.00
13/05/2024 21:30	2.5	43	11	3.5	0.00
13/05/2024 21:40	2.3	35	13	3.5	0.00
13/05/2024 21:50	2.5	23	16	4.1	0.00
13/05/2024 22:00	2.3	34	13	3.3	0.00
13/05/2024 22:10	2.6	41	9	3.3	0.00
13/05/2024 22:20	2.3	38	10	3.0	0.00
13/05/2024 22:30	2.2	35	11	3.0	0.00
13/05/2024 22:40	2.2	38	11	2.8	0.00
13/05/2024 22:50	2.2	39	12	2.8	0.00
13/05/2024 23:00	2.0	35	16	2.9	0.00
13/05/2024 23:10	1.8	47	12	2.7	0.00
13/05/2024 23:20	1.8	51	10	2.3	0.00
13/05/2024 23:30	1.8	48	9	2.4	0.00
13/05/2024 23:40	2.0	52	9	2.7	0.00
13/05/2024 23:50	2.1	50	10	2.8	0.00
14/05/2024 00:00	1.9	46	10	2.4	0.00
14/05/2024 00:10	1.8	50	9	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 00:20	0.9	86	9	1.8	0.00
14/05/2024 00:30	0.1	143	7	0.8	0.00
14/05/2024 00:40	0.1	63	4	0.5	0.00
14/05/2024 00:50	0.4	53	7	0.8	0.00
14/05/2024 01:00	0.0	0	0	0.0	0.00
14/05/2024 01:10	0.0	0	0	0.0	0.00
14/05/2024 01:20	0.0	0	0	0.0	0.00
14/05/2024 01:30	0.6	34	16	2.1	0.00
14/05/2024 01:40	1.9	41	14	3.1	0.00
14/05/2024 01:50	2.1	32	19	3.3	0.00
14/05/2024 02:00	2.1	25	19	3.1	0.00
14/05/2024 02:10	2.2	19	17	3.2	0.00
14/05/2024 02:20	1.6	26	19	2.6	0.00
14/05/2024 02:30	1.1	36	35	2.9	0.00
14/05/2024 02:40	0.6	51	51	1.4	0.00
14/05/2024 02:50	1.1	76	32	2.4	0.00
14/05/2024 03:00	0.5	118	56	1.7	0.00
14/05/2024 03:10	0.8	146	30	2.0	0.00
14/05/2024 03:20	0.6	160	42	1.6	0.00
14/05/2024 03:30	0.3	96	8	1.0	0.00
14/05/2024 03:40	0.0	0	0	0.0	0.00
14/05/2024 03:50	0.1	84	6	0.9	0.00
14/05/2024 04:00	0.1	115	8	0.6	0.00
14/05/2024 04:10	0.0	0	0	0.0	0.00
14/05/2024 04:20	0.0	0	0	0.0	0.00
14/05/2024 04:30	0.0	0	0	0.0	0.00
14/05/2024 04:40	0.0	0	0	0.0	0.00
14/05/2024 04:50	0.0	0	0	0.0	0.00
14/05/2024 05:00	0.0	0	0	0.0	0.00
14/05/2024 05:10	0.0	0	0	0.0	0.00
14/05/2024 05:20	0.0	0	0	0.0	0.00
14/05/2024 05:30	0.0	0	0	0.0	0.00
14/05/2024 05:40	0.0	0	0	0.0	0.00
14/05/2024 05:50	0.0	0	0	0.0	0.00
14/05/2024 06:00	0.0	0	0	0.0	0.00
14/05/2024 06:10	0.0	0	0	0.0	0.00
14/05/2024 06:20	0.0	0	0	0.0	0.00
14/05/2024 06:30	0.0	0	0	0.0	0.00
14/05/2024 06:40	0.0	0	0	0.0	0.00
14/05/2024 06:50	0.0	0	0	0.0	0.00
14/05/2024 07:00	0.0	0	0	0.0	0.00
14/05/2024 07:10	0.0	0	0	0.0	0.00
14/05/2024 07:20	0.0	0	0	0.0	0.00
14/05/2024 07:30	0.9	132	8	1.5	0.00
14/05/2024 07:40	2.1	260	14	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 07:50	2.2	260	13	3.2	0.00
14/05/2024 08:00	1.7	278	18	3.1	0.00
14/05/2024 08:10	1.3	263	21	2.3	0.00
14/05/2024 08:20	1.4	289	27	2.9	0.00
14/05/2024 08:30	0.7	258	58	1.8	0.00
14/05/2024 08:40	0.8	277	13	1.9	0.00
14/05/2024 08:50	2.2	285	21	3.6	0.00
14/05/2024 09:00	2.9	292	16	4.0	0.00
14/05/2024 09:10	2.5	283	19	3.6	0.00
14/05/2024 09:20	2.9	280	17	4.5	0.00
14/05/2024 09:30	2.9	284	16	4.4	0.00
14/05/2024 09:40	3.1	276	18	4.3	0.00
14/05/2024 09:50	2.8	291	21	4.0	0.00
14/05/2024 10:00	3.0	286	18	4.7	0.00
14/05/2024 10:10	2.6	295	18	3.8	0.00
14/05/2024 10:20	3.2	289	15	4.8	0.00
14/05/2024 10:30	3.1	295	15	4.6	0.00
14/05/2024 10:40	3.6	271	19	5.0	0.00
14/05/2024 10:50	3.7	274	18	5.6	0.00
14/05/2024 11:00	3.8	270	17	5.6	0.00
14/05/2024 11:10	3.2	291	21	4.7	0.00
14/05/2024 11:20	3.6	277	19	4.9	0.00
14/05/2024 11:30	3.7	273	19	5.2	0.00
14/05/2024 11:40	4.3	277	16	6.0	0.00
14/05/2024 11:50	4.0	277	17	5.6	0.00
14/05/2024 12:00	4.1	281	16	6.0	0.00
14/05/2024 12:10	3.7	284	18	5.6	0.00
14/05/2024 12:20	4.1	277	16	6.0	0.00
14/05/2024 12:30	4.6	283	15	6.0	0.00
14/05/2024 12:40	4.6	277	15	6.2	0.00
14/05/2024 12:50	4.2	279	16	6.0	0.00
14/05/2024 13:00	4.6	281	16	6.7	0.00
14/05/2024 13:10	4.7	289	13	6.6	0.00
14/05/2024 13:20	4.2	288	16	5.7	0.00
14/05/2024 13:30	4.2	290	17	6.0	0.00
14/05/2024 13:40	4.4	291	13	5.9	0.00
14/05/2024 13:50	4.2	292	18	6.0	0.00
14/05/2024 14:00	4.1	287	15	6.0	0.00
14/05/2024 14:10	4.3	289	15	5.6	0.00
14/05/2024 14:20	4.0	284	19	5.9	0.00
14/05/2024 14:30	4.0	289	17	6.0	0.00
14/05/2024 14:40	3.8	279	18	5.4	0.00
14/05/2024 14:50	4.0	279	17	5.6	0.00
14/05/2024 15:00	4.0	281	15	5.3	0.00
14/05/2024 15:10	4.0	288	14	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 15:20	3.9	279	16	6.4	0.00
14/05/2024 15:30	3.7	279	19	5.6	0.00
14/05/2024 15:40	4.0	293	13	5.4	0.00
14/05/2024 15:50	4.0	290	15	5.6	0.00
14/05/2024 16:00	3.9	258	14	6.0	0.00
14/05/2024 16:10	4.2	245	13	6.0	0.00
14/05/2024 16:20	4.6	245	11	6.3	0.00
14/05/2024 16:30	4.1	247	12	5.6	0.00
14/05/2024 16:40	4.2	251	11	5.6	0.00
14/05/2024 16:50	4.0	251	13	5.6	0.00
14/05/2024 17:00	3.4	251	13	4.7	0.00
14/05/2024 17:10	3.5	248	13	4.7	0.00
14/05/2024 17:20	3.2	251	12	4.5	0.00
14/05/2024 17:30	3.3	249	12	4.4	0.00
14/05/2024 17:40	3.4	254	9	4.6	0.00
14/05/2024 17:50	3.1	253	10	4.3	0.00
14/05/2024 18:00	3.4	250	11	4.6	0.00
14/05/2024 18:10	3.4	250	11	4.4	0.00
14/05/2024 18:20	3.6	254	10	4.7	0.00
14/05/2024 18:30	3.2	249	11	4.0	0.00
14/05/2024 18:40	3.4	255	10	4.4	0.00
14/05/2024 18:50	3.2	256	11	4.4	0.00
14/05/2024 19:00	3.6	257	9	4.7	0.00
14/05/2024 19:10	3.1	254	8	4.0	0.00
14/05/2024 19:20	3.5	257	7	4.2	0.00
14/05/2024 19:30	3.2	257	8	4.2	0.00
14/05/2024 19:40	3.3	257	8	4.1	0.00
14/05/2024 19:50	3.2	252	9	4.2	0.00
14/05/2024 20:00	3.2	255	10	4.1	0.00
14/05/2024 20:10	3.2	255	9	4.1	0.00
14/05/2024 20:20	3.1	255	9	4.0	0.00
14/05/2024 20:30	2.9	254	10	3.7	0.00
14/05/2024 20:40	2.8	255	7	3.7	0.00
14/05/2024 20:50	3.1	254	10	4.0	0.00
14/05/2024 21:00	3.0	257	9	3.9	0.00
14/05/2024 21:10	2.7	254	8	3.3	0.00
14/05/2024 21:20	3.0	256	8	4.0	0.00
14/05/2024 21:30	2.9	256	7	3.6	0.00
14/05/2024 21:40	2.5	257	9	3.2	0.00
14/05/2024 21:50	2.6	259	9	3.3	0.00
14/05/2024 22:00	2.7	256	6	3.4	0.00
14/05/2024 22:10	2.7	255	7	3.2	0.00
14/05/2024 22:20	2.8	253	7	3.3	0.00
14/05/2024 22:30	2.7	250	8	3.2	0.00
14/05/2024 22:40	2.4	254	7	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 22:50	2.1	251	6	2.7	0.00
14/05/2024 23:00	2.4	253	8	3.1	0.00
14/05/2024 23:10	2.3	255	8	3.1	0.00
14/05/2024 23:20	2.6	253	8	3.1	0.00
14/05/2024 23:30	2.8	253	9	3.8	0.00
14/05/2024 23:40	2.3	254	7	2.9	0.00
14/05/2024 23:50	2.4	251	8	3.1	0.00
15/05/2024 00:00	1.9	245	10	2.6	0.00
15/05/2024 00:10	1.7	247	8	2.2	0.00
15/05/2024 00:20	2.1	251	8	2.8	0.00
15/05/2024 00:30	2.1	248	11	3.0	0.00
15/05/2024 00:40	2.4	250	10	3.5	0.00
15/05/2024 00:50	2.4	250	10	3.2	0.00
15/05/2024 01:00	1.4	252	9	2.8	0.00
15/05/2024 01:10	0.0	0	0	0.0	0.00
15/05/2024 01:20	0.0	0	0	0.0	0.00
15/05/2024 01:30	0.3	111	5	1.3	0.00
15/05/2024 01:40	2.1	223	11	2.8	0.00
15/05/2024 01:50	1.7	233	11	2.3	0.00
15/05/2024 02:00	1.5	240	11	2.2	0.00
15/05/2024 02:10	1.6	240	9	2.4	0.00
15/05/2024 02:20	1.9	252	9	2.4	0.00
15/05/2024 02:30	2.2	250	9	2.8	0.00
15/05/2024 02:40	1.9	248	8	2.6	0.00
15/05/2024 02:50	1.5	244	9	2.4	0.00
15/05/2024 03:00	2.0	247	9	2.9	0.00
15/05/2024 03:10	1.9	244	9	2.6	0.00
15/05/2024 03:20	1.5	243	9	2.2	0.00
15/05/2024 03:30	0.5	122	4	0.9	0.00
15/05/2024 03:40	0.0	0	0	0.0	0.00
15/05/2024 03:50	0.0	0	0	0.0	0.00
15/05/2024 04:00	0.0	0	0	0.0	0.00
15/05/2024 04:10	0.0	0	0	0.0	0.00
15/05/2024 04:20	0.0	0	0	0.0	0.00
15/05/2024 04:30	0.0	0	0	0.0	0.00
15/05/2024 04:40	0.0	0	0	0.0	0.00
15/05/2024 04:50	0.0	0	0	0.0	0.00
15/05/2024 05:00	0.0	0	0	0.0	0.00
15/05/2024 05:10	0.0	0	0	0.0	0.00
15/05/2024 05:20	0.0	0	0	0.0	0.00
15/05/2024 05:30	0.0	0	0	0.0	0.00
15/05/2024 05:40	0.0	0	0	0.0	0.00
15/05/2024 05:50	0.0	0	0	0.0	0.00
15/05/2024 06:00	0.0	0	0	0.0	0.00
15/05/2024 06:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 06:20	0.0	0	0	0.0	0.00
15/05/2024 06:30	0.0	0	0	0.0	0.00
15/05/2024 06:40	0.0	0	0	0.0	0.00
15/05/2024 06:50	0.0	0	0	0.0	0.00
15/05/2024 07:00	0.0	0	0	0.0	0.00
15/05/2024 07:10	0.0	0	0	0.0	0.00
15/05/2024 07:20	0.0	0	0	0.0	0.00
15/05/2024 07:30	0.0	0	0	0.0	0.00
15/05/2024 07:40	0.0	0	0	0.0	0.00
15/05/2024 07:50	1.4	221	13	2.5	0.00
15/05/2024 08:00	1.7	225	13	2.8	0.00
15/05/2024 08:10	2.4	229	14	3.2	0.00
15/05/2024 08:20	2.4	233	13	3.2	0.00
15/05/2024 08:30	2.6	238	12	3.3	0.00
15/05/2024 08:40	2.2	226	16	3.3	0.00
15/05/2024 08:50	1.8	224	20	2.8	0.00
15/05/2024 09:00	1.8	218	18	3.0	0.00
15/05/2024 09:10	1.2	214	25	2.8	0.00
15/05/2024 09:20	1.6	231	53	3.2	0.00
15/05/2024 09:30	2.7	224	15	3.7	0.00
15/05/2024 09:40	1.7	218	35	3.7	0.00
15/05/2024 09:50	2.3	217	53	4.0	0.00
15/05/2024 10:00	1.9	228	51	3.4	0.00
15/05/2024 10:10	1.9	212	36	3.9	0.00
15/05/2024 10:20	2.8	228	30	4.5	0.00
15/05/2024 10:30	3.1	219	20	4.8	0.00
15/05/2024 10:40	2.9	231	21	5.2	0.00
15/05/2024 10:50	2.8	229	19	4.9	0.00
15/05/2024 11:00	3.8	251	16	5.3	0.00
15/05/2024 11:10	3.4	252	14	4.7	0.00
15/05/2024 11:20	3.6	246	14	4.9	0.00
15/05/2024 11:30	3.5	250	14	4.5	0.00
15/05/2024 11:40	4.1	268	15	5.4	0.00
15/05/2024 11:50	4.0	259	15	5.4	0.00
15/05/2024 12:00	4.0	254	14	5.8	0.00
15/05/2024 12:10	4.3	265	14	5.8	0.00
15/05/2024 12:20	3.7	271	18	5.2	0.00
15/05/2024 12:30	3.5	266	17	4.7	0.00
15/05/2024 12:40	3.1	253	21	4.5	0.00
15/05/2024 12:50	3.7	255	16	4.9	0.00
15/05/2024 13:00	3.3	264	19	4.7	0.00
15/05/2024 13:10	3.1	265	22	4.6	0.00
15/05/2024 13:20	3.2	284	16	4.8	0.00
15/05/2024 13:30	3.5	279	19	4.8	0.00
15/05/2024 13:40	3.7	287	18	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 13:50	3.1	295	15	4.5	0.00
15/05/2024 14:00	3.4	288	13	4.5	0.00
15/05/2024 14:10	3.8	290	13	5.2	0.00
15/05/2024 14:20	3.9	284	16	5.6	0.00
15/05/2024 14:30	3.6	293	17	5.3	0.00
15/05/2024 14:40	3.8	297	16	5.8	0.00
15/05/2024 14:50	4.8	295	13	6.7	0.00
15/05/2024 15:00	4.1	293	17	6.4	0.00
15/05/2024 15:10	4.2	287	15	6.1	0.00
15/05/2024 15:20	4.3	292	12	5.9	0.00
15/05/2024 15:30	3.9	292	14	5.3	0.00
15/05/2024 15:40	4.0	285	14	5.4	0.00
15/05/2024 15:50	3.8	281	13	5.1	0.00
15/05/2024 16:00	3.6	286	15	4.9	0.00
15/05/2024 16:10	3.6	288	14	4.8	0.00
15/05/2024 16:20	3.8	281	17	5.3	0.00
15/05/2024 16:30	3.4	278	17	4.7	0.00
15/05/2024 16:40	3.4	288	15	4.8	0.00
15/05/2024 16:50	4.0	295	13	5.6	0.00
15/05/2024 17:00	4.1	293	11	5.7	0.00
15/05/2024 17:10	4.0	289	12	5.7	0.00
15/05/2024 17:20	3.8	283	15	5.4	0.00
15/05/2024 17:30	4.4	287	13	6.0	0.00
15/05/2024 17:40	3.9	282	15	5.6	0.00
15/05/2024 17:50	3.6	281	16	5.3	0.00
15/05/2024 18:00	3.2	275	16	4.8	0.00
15/05/2024 18:10	3.4	267	16	4.7	0.00
15/05/2024 18:20	3.2	259	12	4.1	0.00
15/05/2024 18:30	3.5	262	13	5.2	0.00
15/05/2024 18:40	4.2	254	9	5.4	0.00
15/05/2024 18:50	3.8	257	11	5.4	0.00
15/05/2024 19:00	4.5	259	11	5.7	0.00
15/05/2024 19:10	4.0	255	12	5.3	0.00
15/05/2024 19:20	3.5	247	11	5.2	0.00
15/05/2024 19:30	3.6	246	12	5.1	0.00
15/05/2024 19:40	3.6	252	11	5.1	0.00
15/05/2024 19:50	3.9	251	11	5.4	0.00
15/05/2024 20:00	4.1	255	11	5.6	0.00
15/05/2024 20:10	3.1	249	12	4.4	0.00
15/05/2024 20:20	3.1	247	10	4.4	0.00
15/05/2024 20:30	3.3	252	10	4.2	0.00
15/05/2024 20:40	2.8	248	9	3.6	0.00
15/05/2024 20:50	2.9	252	10	4.3	0.00
15/05/2024 21:00	2.6	252	11	3.7	0.00
15/05/2024 21:10	3.1	248	10	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 21:20	2.6	249	10	3.6	0.00
15/05/2024 21:30	2.9	248	10	4.0	0.00
15/05/2024 21:40	2.9	245	10	4.0	0.00
15/05/2024 21:50	2.3	240	12	3.1	0.00
15/05/2024 22:00	2.5	234	11	3.5	0.00
15/05/2024 22:10	2.8	239	13	4.2	0.00
15/05/2024 22:20	2.4	240	13	3.8	0.00
15/05/2024 22:30	2.4	243	13	3.6	0.00
15/05/2024 22:40	2.6	242	14	3.7	0.00
15/05/2024 22:50	2.3	241	13	3.4	0.00
15/05/2024 23:00	2.5	249	11	3.4	0.00
15/05/2024 23:10	2.9	245	12	4.0	0.00
15/05/2024 23:20	3.2	249	12	4.4	0.00
15/05/2024 23:30	2.8	249	10	4.0	0.00
15/05/2024 23:40	2.6	247	12	3.6	0.00
15/05/2024 23:50	2.9	252	11	3.8	0.00
16/05/2024 00:00	2.8	250	10	3.6	0.00
16/05/2024 00:10	3.0	250	11	3.7	0.00
16/05/2024 00:20	2.7	254	10	3.8	0.00
16/05/2024 00:30	2.7	250	11	3.6	0.00
16/05/2024 00:40	3.2	252	12	4.2	0.00
16/05/2024 00:50	2.1	242	13	3.1	0.00
16/05/2024 01:00	2.1	249	11	2.9	0.00
16/05/2024 01:10	1.7	248	13	2.5	0.00
16/05/2024 01:20	2.0	247	11	2.9	0.00
16/05/2024 01:30	2.2	246	13	2.9	0.00
16/05/2024 01:40	2.2	238	11	3.2	0.00
16/05/2024 01:50	1.8	223	13	2.8	0.00
16/05/2024 02:00	1.7	232	11	2.4	0.00
16/05/2024 02:10	1.5	237	10	2.3	0.00
16/05/2024 02:20	1.8	248	10	2.4	0.00
16/05/2024 02:30	0.6	233	9	1.4	0.00
16/05/2024 02:40	0.2	125	2	0.8	0.00
16/05/2024 02:50	1.4	237	10	2.1	0.00
16/05/2024 03:00	1.4	244	9	1.9	0.00
16/05/2024 03:10	0.9	235	9	2.0	0.00
16/05/2024 03:20	0.0	0	0	0.0	0.00
16/05/2024 03:30	0.8	113	7	1.4	0.00
16/05/2024 03:40	1.3	231	13	1.9	0.00
16/05/2024 03:50	0.8	237	10	2.0	0.00
16/05/2024 04:00	0.0	0	0	0.0	0.00
16/05/2024 04:10	0.0	0	0	0.0	0.00
16/05/2024 04:20	0.0	0	0	0.0	0.00
16/05/2024 04:30	0.0	0	0	0.0	0.00
16/05/2024 04:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 04:50	0.0	0	0	0.0	0.00
16/05/2024 05:00	0.0	0	0	0.0	0.00
16/05/2024 05:10	0.0	0	0	0.0	0.00
16/05/2024 05:20	0.0	0	0	0.0	0.00
16/05/2024 05:30	0.0	0	0	0.0	0.00
16/05/2024 05:40	0.0	0	0	0.0	0.00
16/05/2024 05:50	0.0	0	0	0.0	0.00
16/05/2024 06:00	0.0	0	0	0.0	0.00
16/05/2024 06:10	0.0	0	0	0.0	0.00
16/05/2024 06:20	0.0	0	0	0.0	0.00
16/05/2024 06:30	0.0	0	0	0.0	0.00
16/05/2024 06:40	0.0	0	0	0.0	0.00
16/05/2024 06:50	0.0	0	0	0.0	0.00
16/05/2024 07:00	0.0	0	0	0.0	0.00
16/05/2024 07:10	0.0	0	0	0.0	0.00
16/05/2024 07:20	0.0	0	0	0.0	0.00
16/05/2024 07:30	0.0	0	0	0.0	0.00
16/05/2024 07:40	0.0	0	0	0.0	0.00
16/05/2024 07:50	0.0	0	0	0.0	0.00
16/05/2024 08:00	0.0	0	0	0.0	0.00
16/05/2024 08:10	0.0	0	0	0.0	0.00
16/05/2024 08:20	0.0	0	0	0.0	0.00
16/05/2024 08:30	0.0	0	0	0.0	0.00
16/05/2024 08:40	0.4	68	5	1.5	0.00
16/05/2024 08:50	1.6	95	20	2.5	0.00
16/05/2024 09:00	1.9	90	15	2.6	0.00
16/05/2024 09:10	2.0	97	19	3.0	0.00
16/05/2024 09:20	1.9	86	21	3.0	0.00
16/05/2024 09:30	2.1	100	14	3.1	0.00
16/05/2024 09:40	1.6	95	16	2.8	0.00
16/05/2024 09:50	1.5	120	17	2.6	0.00
16/05/2024 10:00	1.7	111	20	2.8	0.00
16/05/2024 10:10	1.8	113	18	2.8	0.00
16/05/2024 10:20	1.6	102	27	3.2	0.00
16/05/2024 10:30	1.4	108	30	2.4	0.00
16/05/2024 10:40	2.1	86	17	3.8	0.00
16/05/2024 10:50	0.9	55	20	2.3	0.00
16/05/2024 11:00	1.0	116	42	2.0	0.00
16/05/2024 11:10	0.5	112	8	1.7	0.00
16/05/2024 11:20	1.4	155	26	3.4	0.00
16/05/2024 11:30	1.2	329	33	2.1	0.00
16/05/2024 11:40	1.9	305	28	3.2	0.00
16/05/2024 11:50	1.2	106	32	3.2	0.00
16/05/2024 12:00	1.2	58	35	2.4	0.00
16/05/2024 12:10	0.3	167	2	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 12:20	2.3	297	23	3.5	0.00
16/05/2024 12:30	3.1	291	18	4.8	0.00
16/05/2024 12:40	3.2	282	18	4.8	0.00
16/05/2024 12:50	3.1	293	13	4.5	0.00
16/05/2024 13:00	2.9	289	12	4.5	0.00
16/05/2024 13:10	3.0	289	15	3.9	0.00
16/05/2024 13:20	2.7	296	16	3.8	0.00
16/05/2024 13:30	2.9	290	13	4.0	0.00
16/05/2024 13:40	2.7	303	18	4.6	0.00
16/05/2024 13:50	2.4	309	23	3.5	0.00
16/05/2024 14:00	3.1	280	14	4.0	0.00
16/05/2024 14:10	2.9	285	16	4.3	0.00
16/05/2024 14:20	3.3	275	17	4.4	0.00
16/05/2024 14:30	3.1	280	19	4.7	0.00
16/05/2024 14:40	2.9	290	19	4.0	0.00
16/05/2024 14:50	2.2	313	27	3.4	0.00
16/05/2024 15:00	2.2	307	28	3.1	0.00
16/05/2024 15:10	2.2	316	33	3.3	0.00
16/05/2024 15:20	2.1	313	25	3.5	0.00
16/05/2024 15:30	1.3	342	36	2.5	0.00
16/05/2024 15:40	1.1	152	28	2.9	0.00
16/05/2024 15:50	2.1	297	21	3.6	0.00
16/05/2024 16:00	2.3	290	23	3.7	0.00
16/05/2024 16:10	2.2	306	21	3.6	0.00
16/05/2024 16:20	2.5	310	14	4.0	0.00
16/05/2024 16:30	2.2	294	16	3.7	0.00
16/05/2024 16:40	2.1	283	17	3.2	0.00
16/05/2024 16:50	2.5	263	14	3.2	0.00
16/05/2024 17:00	2.0	268	16	3.1	0.00
16/05/2024 17:10	2.5	253	10	3.2	0.00
16/05/2024 17:20	2.1	256	13	3.0	0.00
16/05/2024 17:30	1.4	247	10	2.4	0.00
16/05/2024 17:40	1.0	253	9	2.4	0.00
16/05/2024 17:50	1.6	235	12	2.3	0.00
16/05/2024 18:00	2.0	235	7	2.6	0.00
16/05/2024 18:10	1.7	254	14	2.4	0.00
16/05/2024 18:20	2.0	246	10	2.5	0.00
16/05/2024 18:30	1.9	238	11	2.6	0.00
16/05/2024 18:40	0.4	122	4	1.2	0.00
16/05/2024 18:50	0.0	114	1	0.6	0.00
16/05/2024 19:00	0.0	0	0	0.0	0.00
16/05/2024 19:10	0.0	0	0	0.0	0.00
16/05/2024 19:20	1.1	126	5	1.7	0.00
16/05/2024 19:30	2.1	247	12	3.0	0.00
16/05/2024 19:40	2.7	259	10	3.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 19:50	2.2	258	12	3.2	0.00
16/05/2024 20:00	2.2	252	10	3.1	0.00
16/05/2024 20:10	2.5	253	10	3.5	0.00
16/05/2024 20:20	2.3	252	9	3.2	0.00
16/05/2024 20:30	2.0	254	12	2.7	0.00
16/05/2024 20:40	2.3	250	11	3.2	0.00
16/05/2024 20:50	2.4	250	10	3.0	0.00
16/05/2024 21:00	2.5	248	12	3.4	0.00
16/05/2024 21:10	2.5	249	11	3.3	0.00
16/05/2024 21:20	2.6	245	11	3.6	0.00
16/05/2024 21:30	2.2	239	11	3.0	0.00
16/05/2024 21:40	1.8	241	10	2.8	0.00
16/05/2024 21:50	2.4	240	9	3.3	0.00
16/05/2024 22:00	2.5	240	11	3.4	0.00
16/05/2024 22:10	2.2	239	12	3.1	0.00
16/05/2024 22:20	0.8	232	7	1.8	0.00
16/05/2024 22:30	1.2	237	7	2.8	0.00
16/05/2024 22:40	2.1	244	9	3.0	0.00
16/05/2024 22:50	2.5	247	12	3.8	0.00
16/05/2024 23:00	3.1	248	9	4.0	0.00
16/05/2024 23:10	2.7	249	10	3.9	0.00
16/05/2024 23:20	2.7	251	9	3.6	0.00
16/05/2024 23:30	2.8	251	8	3.6	0.00
16/05/2024 23:40	2.8	252	8	3.6	0.00
16/05/2024 23:50	2.8	254	8	3.6	0.00
17/05/2024 00:00	2.3	245	10	3.2	0.00
17/05/2024 00:10	2.5	255	10	3.3	0.00
17/05/2024 00:20	3.4	260	8	4.4	0.00
17/05/2024 00:30	3.0	250	9	4.1	0.00
17/05/2024 00:40	1.8	235	11	2.5	0.00
17/05/2024 00:50	1.6	241	15	2.8	0.00
17/05/2024 01:00	2.3	251	13	2.9	0.00
17/05/2024 01:10	1.7	241	11	2.3	0.00
17/05/2024 01:20	1.6	237	12	2.4	0.00
17/05/2024 01:30	1.6	238	9	2.2	0.00
17/05/2024 01:40	0.5	122	4	0.9	0.00
17/05/2024 01:50	0.0	0	0	0.0	0.00
17/05/2024 02:00	0.0	0	0	0.0	0.00
17/05/2024 02:10	0.0	0	0	0.0	0.00
17/05/2024 02:20	0.0	0	0	0.0	0.00
17/05/2024 02:30	0.0	0	0	0.0	0.00
17/05/2024 02:40	0.0	0	0	0.0	0.00
17/05/2024 02:50	0.0	0	0	0.0	0.00
17/05/2024 03:00	0.0	0	0	0.0	0.00
17/05/2024 03:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 03:20	0.0	0	0	0.0	0.00
17/05/2024 03:30	0.0	0	0	0.0	0.00
17/05/2024 03:40	0.0	0	0	0.0	0.00
17/05/2024 03:50	0.0	0	0	0.0	0.00
17/05/2024 04:00	0.0	0	0	0.0	0.00
17/05/2024 04:10	0.0	0	0	0.0	0.00
17/05/2024 04:20	0.0	0	0	0.0	0.00
17/05/2024 04:30	0.0	0	0	0.0	0.00
17/05/2024 04:40	0.0	0	0	0.0	0.00
17/05/2024 04:50	0.0	0	0	0.0	0.00
17/05/2024 05:00	0.0	0	0	0.0	0.00
17/05/2024 05:10	0.0	0	0	0.0	0.00
17/05/2024 05:20	1.8	96	9	2.4	0.00
17/05/2024 05:30	2.0	94	10	2.8	0.00
17/05/2024 05:40	1.4	95	8	2.2	0.00
17/05/2024 05:50	1.1	101	8	2.5	0.00
17/05/2024 06:00	1.9	100	11	2.8	0.00
17/05/2024 06:10	2.1	89	14	3.2	0.00
17/05/2024 06:20	2.6	90	13	3.7	0.00
17/05/2024 06:30	2.8	94	11	4.2	0.00
17/05/2024 06:40	3.9	97	11	5.3	0.00
17/05/2024 06:50	4.7	100	10	6.8	0.00
17/05/2024 07:00	5.2	100	10	7.0	0.00
17/05/2024 07:10	4.8	97	10	6.4	0.00
17/05/2024 07:20	4.4	92	10	6.4	0.00
17/05/2024 07:30	4.4	88	10	6.0	0.00
17/05/2024 07:40	4.0	90	11	5.8	0.00
17/05/2024 07:50	4.5	92	12	6.2	0.00
17/05/2024 08:00	5.1	83	12	7.5	0.00
17/05/2024 08:10	5.3	87	12	8.3	0.00
17/05/2024 08:20	6.1	86	12	8.9	0.00
17/05/2024 08:30	5.4	87	11	7.3	0.00
17/05/2024 08:40	5.9	94	13	8.3	0.00
17/05/2024 08:50	5.3	89	12	7.9	0.00
17/05/2024 09:00	5.8	85	13	7.5	0.00
17/05/2024 09:10	5.7	85	12	7.7	0.00
17/05/2024 09:20	5.4	89	14	7.4	0.00
17/05/2024 09:30	5.6	84	13	8.0	0.00
17/05/2024 09:40	4.7	88	14	6.7	0.00
17/05/2024 09:50	5.1	83	13	7.0	0.00
17/05/2024 10:00	5.5	84	14	7.1	0.00
17/05/2024 10:10	6.6	83	12	8.7	0.00
17/05/2024 10:20	6.3	83	13	8.7	0.00
17/05/2024 10:30	6.7	76	10	9.0	0.00
17/05/2024 10:40	6.1	82	12	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 10:50	6.2	78	10	8.3	0.00
17/05/2024 11:00	6.5	78	12	8.7	0.00
17/05/2024 11:10	6.2	74	11	7.9	0.10
17/05/2024 11:20	6.1	75	12	8.3	0.00
17/05/2024 11:30	6.0	84	12	8.1	0.00
17/05/2024 11:40	5.6	85	14	7.5	0.00
17/05/2024 11:50	5.5	76	12	7.8	0.00
17/05/2024 12:00	5.4	75	11	7.4	0.00
17/05/2024 12:10	6.1	72	11	8.7	0.00
17/05/2024 12:20	5.9	74	14	8.1	0.00
17/05/2024 12:30	5.9	73	11	7.9	0.00
17/05/2024 12:40	5.7	74	12	7.9	0.00
17/05/2024 12:50	6.1	78	11	7.9	0.00
17/05/2024 13:00	5.8	72	11	7.8	0.00
17/05/2024 13:10	5.9	72	12	7.9	0.00
17/05/2024 13:20	6.1	74	11	8.0	0.00
17/05/2024 13:30	5.2	74	12	7.2	0.00
17/05/2024 13:40	5.7	75	11	8.0	0.00
17/05/2024 13:50	5.7	74	11	7.6	0.00
17/05/2024 14:00	6.0	74	11	8.1	0.00
17/05/2024 14:10	5.6	75	13	7.7	0.00
17/05/2024 14:20	5.6	75	13	7.8	0.00
17/05/2024 14:30	5.5	75	12	7.3	0.00
17/05/2024 14:40	5.6	69	14	7.4	0.00
17/05/2024 14:50	6.0	65	10	8.2	0.00
17/05/2024 15:00	5.6	65	12	8.2	0.00
17/05/2024 15:10	5.8	65	11	7.7	0.00
17/05/2024 15:20	6.0	65	10	7.9	0.00
17/05/2024 15:30	5.0	62	12	7.0	0.00
17/05/2024 15:40	5.3	67	10	7.1	0.00
17/05/2024 15:50	5.1	69	12	6.9	0.00
17/05/2024 16:00	4.9	65	13	6.8	0.00
17/05/2024 16:10	4.7	57	12	6.8	0.00
17/05/2024 16:20	4.9	56	12	7.1	0.00
17/05/2024 16:30	4.8	57	11	6.1	0.00
17/05/2024 16:40	4.8	59	11	6.8	0.00
17/05/2024 16:50	4.7	59	12	6.6	0.00
17/05/2024 17:00	4.3	60	11	6.4	0.00
17/05/2024 17:10	4.3	62	10	5.7	0.00
17/05/2024 17:20	3.8	66	12	5.3	0.00
17/05/2024 17:30	4.1	69	9	6.1	0.00
17/05/2024 17:40	3.8	66	11	5.7	0.00
17/05/2024 17:50	3.3	67	10	4.6	0.00
17/05/2024 18:00	3.1	64	11	4.0	0.00
17/05/2024 18:10	2.7	63	10	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 18:20	2.7	64	9	3.6	0.00
17/05/2024 18:30	3.2	62	9	4.6	0.00
17/05/2024 18:40	3.6	60	10	4.9	0.00
17/05/2024 18:50	3.9	57	10	5.6	0.00
17/05/2024 19:00	3.9	58	10	5.6	0.00
17/05/2024 19:10	3.8	61	10	5.1	0.00
17/05/2024 19:20	3.5	66	9	5.5	0.00
17/05/2024 19:30	3.9	71	9	5.1	0.00
17/05/2024 19:40	3.5	75	9	5.0	0.00
17/05/2024 19:50	3.2	74	10	4.4	0.00
17/05/2024 20:00	3.0	81	10	4.0	0.00
17/05/2024 20:10	2.7	90	9	3.5	0.00
17/05/2024 20:20	2.5	86	9	3.5	0.00
17/05/2024 20:30	2.5	83	8	3.3	0.00
17/05/2024 20:40	2.8	90	9	4.0	0.00
17/05/2024 20:50	2.6	90	10	3.4	0.00
17/05/2024 21:00	2.6	92	9	3.4	0.00
17/05/2024 21:10	2.7	90	10	3.4	0.00
17/05/2024 21:20	2.4	90	9	3.0	0.00
17/05/2024 21:30	2.6	96	8	3.3	0.00
17/05/2024 21:40	2.9	93	9	3.5	0.00
17/05/2024 21:50	2.9	93	8	3.5	0.00
17/05/2024 22:00	2.7	91	9	3.4	0.00
17/05/2024 22:10	3.0	87	9	3.7	0.00
17/05/2024 22:20	2.6	93	8	3.2	0.00
17/05/2024 22:30	2.4	88	8	2.8	0.00
17/05/2024 22:40	2.2	88	8	2.9	0.00
17/05/2024 22:50	2.1	90	8	2.7	0.00
17/05/2024 23:00	2.3	87	7	2.8	0.00
17/05/2024 23:10	1.8	102	14	2.3	0.00
17/05/2024 23:20	1.9	90	10	2.4	0.00
17/05/2024 23:30	1.9	87	10	2.6	0.00
17/05/2024 23:40	2.4	80	9	3.2	0.00
17/05/2024 23:50	2.2	79	7	2.8	0.00
18/05/2024 00:00	2.4	77	7	3.1	0.00
18/05/2024 00:10	0.5	52	7	1.2	0.00
18/05/2024 00:20	0.0	0	0	0.0	0.00
18/05/2024 00:30	0.0	0	0	0.0	0.00
18/05/2024 00:40	0.0	0	0	0.0	0.00
18/05/2024 00:50	0.0	0	0	0.0	0.00
18/05/2024 01:00	0.0	0	0	0.0	0.00
18/05/2024 01:10	0.0	0	0	0.0	0.00
18/05/2024 01:20	0.3	43	3	1.2	0.00
18/05/2024 01:30	0.5	75	5	2.1	0.00
18/05/2024 01:40	2.0	74	11	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 01:50	1.7	79	8	2.3	0.00
18/05/2024 02:00	1.4	93	13	2.3	0.00
18/05/2024 02:10	1.2	104	14	2.3	0.00
18/05/2024 02:20	1.9	79	12	2.8	0.00
18/05/2024 02:30	1.6	77	15	2.4	0.00
18/05/2024 02:40	0.5	112	9	2.1	0.00
18/05/2024 02:50	1.8	102	12	2.8	0.00
18/05/2024 03:00	2.6	90	13	3.8	0.00
18/05/2024 03:10	2.5	87	15	3.6	0.00
18/05/2024 03:20	3.0	81	13	5.0	0.00
18/05/2024 03:30	2.9	85	13	4.4	0.00
18/05/2024 03:40	3.5	90	13	6.0	0.00
18/05/2024 03:50	3.2	96	12	4.8	0.00
18/05/2024 04:00	3.8	97	11	5.3	0.00
18/05/2024 04:10	4.0	93	11	6.0	0.00
18/05/2024 04:20	4.6	96	12	6.4	0.00
18/05/2024 04:30	5.1	96	11	7.1	0.00
18/05/2024 04:40	5.1	97	11	7.0	0.00
18/05/2024 04:50	4.7	92	10	7.1	0.00
18/05/2024 05:00	4.2	100	13	6.3	0.00
18/05/2024 05:10	4.5	96	15	6.4	0.00
18/05/2024 05:20	4.0	103	12	6.4	0.00
18/05/2024 05:30	4.8	97	13	7.0	0.00
18/05/2024 05:40	5.0	98	15	7.5	0.00
18/05/2024 05:50	4.9	94	12	6.8	0.00
18/05/2024 06:00	4.9	97	13	6.9	0.00
18/05/2024 06:10	5.1	97	13	7.8	0.00
18/05/2024 06:20	4.8	98	13	6.8	0.00
18/05/2024 06:30	4.3	108	13	6.6	0.00
18/05/2024 06:40	4.3	108	14	6.4	0.00
18/05/2024 06:50	4.6	104	13	7.4	0.00
18/05/2024 07:00	4.7	103	15	7.1	0.00
18/05/2024 07:10	4.9	98	11	7.9	0.00
18/05/2024 07:20	5.2	100	12	7.9	0.00
18/05/2024 07:30	4.9	102	13	6.7	0.00
18/05/2024 07:40	4.7	105	13	7.2	0.00
18/05/2024 07:50	4.8	99	12	6.5	0.00
18/05/2024 08:00	5.5	99	14	8.4	0.00
18/05/2024 08:10	5.7	100	11	8.5	0.00
18/05/2024 08:20	5.8	103	14	8.2	0.00
18/05/2024 08:30	6.0	102	14	8.3	0.00
18/05/2024 08:40	6.6	103	12	9.5	0.00
18/05/2024 08:50	5.9	104	14	8.5	0.00
18/05/2024 09:00	6.6	96	12	9.9	0.00
18/05/2024 09:10	6.3	101	13	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 09:20	6.4	95	13	9.1	0.00
18/05/2024 09:30	6.3	97	13	9.6	0.00
18/05/2024 09:40	6.5	97	12	9.6	0.00
18/05/2024 09:50	5.3	96	14	8.1	0.00
18/05/2024 10:00	6.2	91	11	10.3	0.00
18/05/2024 10:10	5.7	92	14	8.5	0.00
18/05/2024 10:20	6.4	90	13	9.1	0.00
18/05/2024 10:30	6.9	84	13	9.8	0.00
18/05/2024 10:40	5.9	86	14	8.3	0.00
18/05/2024 10:50	7.4	81	12	10.9	0.00
18/05/2024 11:00	7.1	83	13	9.2	0.00
18/05/2024 11:10	6.6	81	14	9.0	0.00
18/05/2024 11:20	6.8	83	12	9.6	0.00
18/05/2024 11:30	6.9	81	11	10.0	0.00
18/05/2024 11:40	7.0	74	11	9.9	0.00
18/05/2024 11:50	6.4	84	12	8.7	0.00
18/05/2024 12:00	5.7	79	15	7.8	0.00
18/05/2024 12:10	6.0	64	12	8.2	0.00
18/05/2024 12:20	6.1	66	12	8.0	0.00
18/05/2024 12:30	6.0	70	12	8.7	0.00
18/05/2024 12:40	5.8	67	14	8.7	0.00
18/05/2024 12:50	6.3	70	11	8.6	0.00
18/05/2024 13:00	6.3	70	12	9.1	0.00
18/05/2024 13:10	5.5	65	12	7.3	0.00
18/05/2024 13:20	5.6	66	13	8.4	0.00
18/05/2024 13:30	6.3	69	12	8.7	0.00
18/05/2024 13:40	5.3	71	13	7.4	0.00
18/05/2024 13:50	6.3	74	12	9.2	0.00
18/05/2024 14:00	5.6	61	13	8.2	0.00
18/05/2024 14:10	5.8	57	14	8.4	0.00
18/05/2024 14:20	5.9	52	13	7.7	0.00
18/05/2024 14:30	5.9	58	11	8.3	0.00
18/05/2024 14:40	6.0	55	11	8.7	0.00
18/05/2024 14:50	5.6	55	12	8.0	0.00
18/05/2024 15:00	5.8	57	12	8.2	0.00
18/05/2024 15:10	5.9	51	11	7.5	0.00
18/05/2024 15:20	6.0	55	11	8.6	0.00
18/05/2024 15:30	5.3	59	12	7.2	0.00
18/05/2024 15:40	5.1	54	13	6.8	0.00
18/05/2024 15:50	5.5	60	11	7.4	0.00
18/05/2024 16:00	5.1	59	11	6.8	0.00
18/05/2024 16:10	4.6	46	12	6.4	0.00
18/05/2024 16:20	4.3	37	12	5.9	0.00
18/05/2024 16:30	4.3	40	12	6.0	0.00
18/05/2024 16:40	4.1	36	13	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 16:50	3.8	40	12	5.4	0.00
18/05/2024 17:00	3.4	35	13	4.6	0.00
18/05/2024 17:10	3.7	35	13	5.2	0.00
18/05/2024 17:20	3.3	34	12	4.6	0.00
18/05/2024 17:30	2.9	40	12	4.5	0.00
18/05/2024 17:40	3.0	43	12	4.4	0.00
18/05/2024 17:50	2.6	50	13	3.9	0.00
18/05/2024 18:00	3.0	51	11	4.3	0.00
18/05/2024 18:10	2.7	49	10	3.7	0.00
18/05/2024 18:20	2.2	54	15	3.2	0.00
18/05/2024 18:30	1.8	80	12	3.0	0.00
18/05/2024 18:40	2.1	67	10	3.2	0.00
18/05/2024 18:50	2.1	79	13	2.7	0.00
18/05/2024 19:00	1.4	98	10	2.0	0.00
18/05/2024 19:10	1.6	83	10	2.4	0.00
18/05/2024 19:20	1.4	98	15	2.0	0.00
18/05/2024 19:30	1.6	82	10	2.1	0.00
18/05/2024 19:40	0.9	88	7	1.7	0.00
18/05/2024 19:50	0.0	0	0	0.0	0.00
18/05/2024 20:00	0.3	42	3	1.3	0.00
18/05/2024 20:10	1.8	91	10	2.5	0.00
18/05/2024 20:20	1.8	87	8	2.7	0.00
18/05/2024 20:30	1.9	91	9	2.5	0.00
18/05/2024 20:40	2.0	85	10	2.6	0.00
18/05/2024 20:50	2.3	89	10	2.9	0.00
18/05/2024 21:00	2.4	81	10	3.2	0.00
18/05/2024 21:10	2.3	82	8	3.2	0.00
18/05/2024 21:20	2.1	73	7	2.7	0.00
18/05/2024 21:30	2.2	71	6	2.8	0.00
18/05/2024 21:40	1.7	58	5	2.0	0.00
18/05/2024 21:50	1.9	57	6	2.3	0.00
18/05/2024 22:00	1.9	64	9	2.3	0.00
18/05/2024 22:10	1.8	65	8	2.2	0.00
18/05/2024 22:20	2.4	60	8	2.8	0.00
18/05/2024 22:30	2.9	62	9	4.0	0.00
18/05/2024 22:40	3.9	72	8	5.3	0.00
18/05/2024 22:50	4.5	73	9	6.0	0.00
18/05/2024 23:00	4.7	76	8	6.4	0.00
18/05/2024 23:10	4.5	80	10	6.8	0.00
18/05/2024 23:20	4.8	79	10	7.0	0.00
18/05/2024 23:30	5.0	78	11	6.8	0.00
18/05/2024 23:40	4.4	82	11	6.1	0.00
18/05/2024 23:50	4.2	87	10	6.4	0.00
19/05/2024 00:00	4.8	85	10	6.4	0.00
19/05/2024 00:10	4.7	85	11	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 00:20	4.9	88	12	7.6	0.00
19/05/2024 00:30	5.3	95	13	7.5	0.00
19/05/2024 00:40	5.8	97	13	7.9	0.00
19/05/2024 00:50	6.0	98	11	8.3	0.00
19/05/2024 01:00	6.4	96	11	8.9	0.00
19/05/2024 01:10	6.7	99	10	9.4	0.00
19/05/2024 01:20	6.2	98	12	9.1	0.00
19/05/2024 01:30	6.5	97	12	8.6	0.00
19/05/2024 01:40	6.3	98	11	8.7	0.00
19/05/2024 01:50	5.8	96	12	8.6	0.00
19/05/2024 02:00	6.0	96	10	8.5	0.00
19/05/2024 02:10	5.4	99	11	7.6	0.00
19/05/2024 02:20	5.6	99	13	8.0	0.00
19/05/2024 02:30	5.7	99	13	7.9	0.00
19/05/2024 02:40	6.0	101	13	8.3	0.00
19/05/2024 02:50	6.2	99	11	8.2	0.00
19/05/2024 03:00	6.3	96	12	9.3	0.00
19/05/2024 03:10	6.5	98	12	9.1	0.00
19/05/2024 03:20	6.3	99	12	8.7	0.00
19/05/2024 03:30	6.1	97	12	8.1	0.00
19/05/2024 03:40	5.8	97	12	7.9	0.00
19/05/2024 03:50	5.9	99	11	9.1	0.00
19/05/2024 04:00	6.2	96	12	8.6	0.00
19/05/2024 04:10	6.0	98	13	8.3	0.00
19/05/2024 04:20	5.7	94	12	8.1	0.00
19/05/2024 04:30	5.7	97	12	7.9	0.00
19/05/2024 04:40	6.2	97	13	9.2	0.00
19/05/2024 04:50	6.1	100	12	9.0	0.00
19/05/2024 05:00	6.4	99	12	9.6	0.00
19/05/2024 05:10	6.1	100	11	8.7	0.00
19/05/2024 05:20	6.2	97	11	9.1	0.00
19/05/2024 05:30	6.2	98	12	8.8	0.00
19/05/2024 05:40	7.5	97	10	9.9	0.00
19/05/2024 05:50	7.0	95	11	9.1	0.00
19/05/2024 06:00	7.1	98	11	9.9	0.00
19/05/2024 06:10	6.8	98	13	9.2	0.00
19/05/2024 06:20	6.7	95	13	9.6	0.00
19/05/2024 06:30	6.4	94	12	8.6	0.00
19/05/2024 06:40	6.5	97	10	8.6	0.00
19/05/2024 06:50	6.5	96	12	9.5	0.00
19/05/2024 07:00	6.5	96	11	9.8	0.00
19/05/2024 07:10	6.8	96	11	9.8	0.00
19/05/2024 07:20	6.2	100	12	9.3	0.00
19/05/2024 07:30	6.7	103	11	9.9	0.00
19/05/2024 07:40	6.6	103	14	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 07:50	7.0	100	11	10.0	0.00
19/05/2024 08:00	6.9	97	11	9.9	0.00
19/05/2024 08:10	6.2	99	12	9.2	0.00
19/05/2024 08:20	5.8	95	13	8.3	0.00
19/05/2024 08:30	6.2	97	12	10.1	0.00
19/05/2024 08:40	6.3	98	12	9.7	0.00
19/05/2024 08:50	6.2	95	13	9.2	0.00
19/05/2024 09:00	6.3	93	12	8.9	0.00
19/05/2024 09:10	5.8	92	14	8.3	0.00
19/05/2024 09:20	6.7	90	12	9.5	0.00
19/05/2024 09:30	7.2	85	11	9.8	0.00
19/05/2024 09:40	6.9	81	11	9.8	0.00
19/05/2024 09:50	7.2	84	13	10.3	0.00
19/05/2024 10:00	7.2	93	13	9.5	0.00
19/05/2024 10:10	6.0	90	15	8.9	0.00
19/05/2024 10:20	6.1	85	12	8.6	0.00
19/05/2024 10:30	7.3	82	13	10.2	0.00
19/05/2024 10:40	6.9	86	14	9.9	0.00
19/05/2024 10:50	7.3	81	11	10.3	0.00
19/05/2024 11:00	6.6	84	13	9.9	0.00
19/05/2024 11:10	7.3	80	12	10.3	0.00
19/05/2024 11:20	6.8	77	10	8.9	0.00
19/05/2024 11:30	7.0	82	13	9.7	0.00
19/05/2024 11:40	7.2	81	11	9.6	0.00
19/05/2024 11:50	7.0	76	11	9.8	0.00
19/05/2024 12:00	7.3	76	11	9.6	0.00
19/05/2024 12:10	6.8	74	12	9.1	0.00
19/05/2024 12:20	6.8	76	12	9.6	0.00
19/05/2024 12:30	7.1	74	10	9.4	0.00
19/05/2024 12:40	7.0	77	12	9.3	0.00
19/05/2024 12:50	6.7	69	12	8.8	0.00
19/05/2024 13:00	6.2	64	12	8.3	0.00
19/05/2024 13:10	6.3	67	14	9.0	0.00
19/05/2024 13:20	6.4	68	12	9.4	0.00
19/05/2024 13:30	6.5	67	12	8.8	0.00
19/05/2024 13:40	5.6	72	12	8.4	0.00
19/05/2024 13:50	5.6	62	12	7.5	0.00
19/05/2024 14:00	6.3	62	14	9.1	0.00
19/05/2024 14:10	6.1	64	13	8.7	0.00
19/05/2024 14:20	6.1	58	12	8.0	0.00
19/05/2024 14:30	5.6	61	12	7.6	0.00
19/05/2024 14:40	5.5	64	14	7.8	0.00
19/05/2024 14:50	4.8	62	13	6.7	0.00
19/05/2024 15:00	5.0	54	12	6.4	0.00
19/05/2024 15:10	5.1	53	12	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 15:20	5.1	56	12	6.9	0.00
19/05/2024 15:30	5.2	52	13	7.5	0.00
19/05/2024 15:40	4.5	52	12	6.3	0.00
19/05/2024 15:50	4.7	52	13	6.5	0.00
19/05/2024 16:00	4.6	51	13	6.3	0.00
19/05/2024 16:10	4.7	54	13	6.1	0.00
19/05/2024 16:20	4.3	58	11	5.8	0.00
19/05/2024 16:30	4.3	51	11	5.8	0.00
19/05/2024 16:40	4.1	55	12	6.2	0.00
19/05/2024 16:50	3.9	56	13	5.2	0.00
19/05/2024 17:00	3.7	54	11	5.0	0.00
19/05/2024 17:10	3.6	55	10	5.1	0.00
19/05/2024 17:20	3.8	53	11	5.2	0.00
19/05/2024 17:30	3.3	53	13	4.8	0.00
19/05/2024 17:40	2.7	31	12	4.1	0.00
19/05/2024 17:50	2.0	22	15	3.0	0.00
19/05/2024 18:00	2.4	26	13	3.4	0.00
19/05/2024 18:10	2.2	30	14	3.4	0.00
19/05/2024 18:20	2.0	35	17	2.8	0.00
19/05/2024 18:30	2.5	43	12	3.3	0.00
19/05/2024 18:40	2.3	44	10	3.2	0.00
19/05/2024 18:50	2.0	46	9	2.8	0.00
19/05/2024 19:00	1.0	50	7	2.0	0.00
19/05/2024 19:10	0.0	0	0	0.0	0.00
19/05/2024 19:20	0.0	0	0	0.0	0.00
19/05/2024 19:30	1.1	77	5	1.9	0.00
19/05/2024 19:40	1.3	88	9	2.1	0.00
19/05/2024 19:50	0.2	44	3	0.7	0.00
19/05/2024 20:00	0.0	0	0	0.0	0.00
19/05/2024 20:10	0.7	57	4	1.6	0.00
19/05/2024 20:20	0.1	30	2	0.8	0.00
19/05/2024 20:30	0.0	0	0	0.0	0.00
19/05/2024 20:40	0.9	35	4	1.3	0.00
19/05/2024 20:50	1.6	66	7	2.0	0.00
19/05/2024 21:00	1.0	62	6	2.2	0.00
19/05/2024 21:10	0.0	0	0	0.0	0.00
19/05/2024 21:20	0.0	0	0	0.0	0.00
19/05/2024 21:30	0.0	0	0	0.0	0.00
19/05/2024 21:40	0.0	0	0	0.0	0.00
19/05/2024 21:50	0.0	0	0	0.0	0.00
19/05/2024 22:00	0.0	0	0	0.0	0.00
19/05/2024 22:10	0.0	0	0	0.0	0.00
19/05/2024 22:20	0.0	0	0	0.0	0.00
19/05/2024 22:30	0.0	0	0	0.0	0.00
19/05/2024 22:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 22:50	0.7	48	4	1.2	0.00
19/05/2024 23:00	1.4	93	11	2.8	0.00
19/05/2024 23:10	0.8	91	8	2.4	0.00
19/05/2024 23:20	2.4	98	13	3.9	0.00
19/05/2024 23:30	2.9	92	12	4.8	0.00
19/05/2024 23:40	2.8	89	14	4.0	0.00
19/05/2024 23:50	2.7	90	14	3.6	0.00
20/05/2024 00:00	2.2	87	15	3.7	0.00
20/05/2024 00:10	3.1	90	13	4.6	0.00
20/05/2024 00:20	2.8	92	13	4.7	0.00
20/05/2024 00:30	3.3	92	11	4.5	0.00
20/05/2024 00:40	3.6	93	11	5.1	0.00
20/05/2024 00:50	3.4	89	13	5.2	0.00
20/05/2024 01:00	3.1	89	14	4.8	0.00
20/05/2024 01:10	3.3	88	13	5.3	0.00
20/05/2024 01:20	3.0	90	12	4.8	0.00
20/05/2024 01:30	3.2	89	13	5.1	0.00
20/05/2024 01:40	3.8	90	13	6.0	0.00
20/05/2024 01:50	3.5	90	12	5.4	0.00
20/05/2024 02:00	3.9	88	12	6.3	0.00
20/05/2024 02:10	3.9	91	12	6.0	0.00
20/05/2024 02:20	4.7	91	12	7.0	0.00
20/05/2024 02:30	4.3	91	12	6.6	0.00
20/05/2024 02:40	4.3	92	13	6.8	0.00
20/05/2024 02:50	5.1	95	13	7.5	0.00
20/05/2024 03:00	4.3	94	12	6.3	0.00
20/05/2024 03:10	4.6	94	12	6.6	0.00
20/05/2024 03:20	5.1	95	12	7.7	0.00
20/05/2024 03:30	5.2	98	13	7.7	0.00
20/05/2024 03:40	5.5	98	12	7.9	0.00
20/05/2024 03:50	5.3	100	13	7.5	0.00
20/05/2024 04:00	5.9	101	12	9.1	0.00
20/05/2024 04:10	5.8	99	12	8.0	0.00
20/05/2024 04:20	5.7	96	11	8.0	0.00
20/05/2024 04:30	5.6	99	12	7.6	0.00
20/05/2024 04:40	5.9	99	13	8.2	0.00
20/05/2024 04:50	5.6	96	13	7.4	0.00
20/05/2024 05:00	6.4	101	13	8.7	0.00
20/05/2024 05:10	5.7	97	13	8.9	0.00
20/05/2024 05:20	6.1	99	12	8.5	0.00
20/05/2024 05:30	5.8	97	12	8.3	0.00
20/05/2024 05:40	5.1	99	12	7.6	0.00
20/05/2024 05:50	5.6	97	12	8.7	0.00
20/05/2024 06:00	5.9	99	11	8.7	0.00
20/05/2024 06:10	5.5	96	11	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 06:20	5.4	100	12	8.5	0.00
20/05/2024 06:30	5.3	97	13	7.5	0.00
20/05/2024 06:40	6.0	97	13	8.1	0.00
20/05/2024 06:50	6.3	95	12	8.5	0.00
20/05/2024 07:00	5.6	99	12	8.0	0.00
20/05/2024 07:10	5.6	96	10	8.6	0.00
20/05/2024 07:20	5.9	98	11	7.9	0.00
20/05/2024 07:30	6.2	98	10	8.5	0.00
20/05/2024 07:40	5.8	99	11	8.0	0.00
20/05/2024 07:50	6.0	93	12	8.2	0.00
20/05/2024 08:00	7.1	99	11	9.5	0.00
20/05/2024 08:10	7.3	98	13	10.0	0.00
20/05/2024 08:20	7.3	99	12	9.9	0.00
20/05/2024 08:30	5.8	98	15	8.5	0.00
20/05/2024 08:40	6.2	93	13	8.9	0.00
20/05/2024 08:50	6.2	91	15	9.0	0.00
20/05/2024 09:00	7.1	86	11	9.4	0.00
20/05/2024 09:10	7.0	87	13	11.3	0.00
20/05/2024 09:20	7.9	84	13	11.1	0.00
20/05/2024 09:30	7.0	83	13	9.9	0.00
20/05/2024 09:40	7.2	85	12	10.3	0.00
20/05/2024 09:50	7.0	88	13	9.8	0.00
20/05/2024 10:00	7.7	82	13	10.5	0.00
20/05/2024 10:10	7.7	77	13	10.5	0.00
20/05/2024 10:20	7.3	80	11	9.9	0.00
20/05/2024 10:30	8.1	79	12	11.0	0.00
20/05/2024 10:40	7.6	83	13	11.2	0.00
20/05/2024 10:50	8.3	84	12	11.3	0.00
20/05/2024 11:00	8.1	83	12	10.5	0.00
20/05/2024 11:10	7.7	78	12	10.3	0.00
20/05/2024 11:20	7.4	79	13	11.2	0.00
20/05/2024 11:30	7.6	81	12	11.1	0.00
20/05/2024 11:40	8.2	75	11	11.5	0.00
20/05/2024 11:50	7.9	78	11	10.3	0.00
20/05/2024 12:00	8.4	74	11	11.5	0.00
20/05/2024 12:10	8.2	77	11	11.5	0.00
20/05/2024 12:20	7.6	80	11	10.0	0.00
20/05/2024 12:30	6.8	73	12	8.7	0.00
20/05/2024 12:40	7.0	80	14	10.2	0.00
20/05/2024 12:50	6.4	74	12	9.6	0.00
20/05/2024 13:00	7.5	71	10	9.7	0.00
20/05/2024 13:10	7.3	67	11	9.9	0.00
20/05/2024 13:20	7.2	74	14	10.3	0.00
20/05/2024 13:30	8.1	71	11	10.7	0.00
20/05/2024 13:40	7.3	73	11	10.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 13:50	6.8	67	15	9.0	0.00
20/05/2024 14:00	7.2	66	12	10.0	0.00
20/05/2024 14:10	6.7	66	14	9.1	0.00
20/05/2024 14:20	7.4	68	12	9.7	0.00
20/05/2024 14:30	7.2	66	12	9.2	0.00
20/05/2024 14:40	6.1	65	13	9.1	0.00
20/05/2024 14:50	5.9	60	11	7.8	0.00
20/05/2024 15:00	6.6	60	11	8.7	0.00
20/05/2024 15:10	6.3	54	12	9.1	0.00
20/05/2024 15:20	5.9	55	13	7.7	0.00
20/05/2024 15:30	5.6	56	12	7.9	0.00
20/05/2024 15:40	5.4	53	14	7.6	0.00
20/05/2024 15:50	5.6	53	14	7.5	0.00
20/05/2024 16:00	5.3	61	13	7.7	0.00
20/05/2024 16:10	5.5	52	11	7.2	0.00
20/05/2024 16:20	5.0	63	12	7.5	0.00
20/05/2024 16:30	6.0	63	11	7.9	0.00
20/05/2024 16:40	5.8	59	12	7.8	0.00
20/05/2024 16:50	5.0	61	11	7.2	0.00
20/05/2024 17:00	4.6	61	12	6.9	0.00
20/05/2024 17:10	4.6	64	12	6.4	0.00
20/05/2024 17:20	4.1	58	12	6.0	0.00
20/05/2024 17:30	3.7	56	12	5.6	0.00
20/05/2024 17:40	4.1	51	12	5.4	0.00
20/05/2024 17:50	3.9	52	11	5.1	0.00
20/05/2024 18:00	4.0	56	10	5.2	0.00
20/05/2024 18:10	2.8	57	10	3.9	0.00
20/05/2024 18:20	2.3	56	13	3.3	0.00
20/05/2024 18:30	2.4	59	12	3.5	0.00
20/05/2024 18:40	1.7	65	13	2.4	0.00
20/05/2024 18:50	1.6	57	13	2.9	0.00
20/05/2024 19:00	2.1	53	10	3.2	0.00
20/05/2024 19:10	2.3	52	10	3.3	0.00
20/05/2024 19:20	2.0	55	9	2.8	0.00
20/05/2024 19:30	1.9	59	9	2.4	0.00
20/05/2024 19:40	2.0	60	7	2.8	0.00
20/05/2024 19:50	0.8	61	3	1.7	0.00
20/05/2024 20:00	1.0	61	6	1.9	0.00
20/05/2024 20:10	0.4	26	3	1.1	0.00
20/05/2024 20:20	0.0	0	0	0.0	0.00
20/05/2024 20:30	0.0	0	0	0.0	0.00
20/05/2024 20:40	0.0	0	0	0.0	0.00
20/05/2024 20:50	0.0	0	0	0.0	0.00
20/05/2024 21:00	0.0	0	0	0.0	0.00
20/05/2024 21:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 21:20	0.0	0	0	0.0	0.00
20/05/2024 21:30	0.0	0	0	0.0	0.00
20/05/2024 21:40	0.0	0	0	0.0	0.00
20/05/2024 21:50	0.0	0	0	0.0	0.00
20/05/2024 22:00	0.0	0	0	0.0	0.00
20/05/2024 22:10	0.0	0	0	0.0	0.00
20/05/2024 22:20	0.0	0	0	0.0	0.00
20/05/2024 22:30	0.0	0	0	0.0	0.00
20/05/2024 22:40	0.0	0	0	0.0	0.00
20/05/2024 22:50	0.0	0	0	0.0	0.00
20/05/2024 23:00	0.0	0	0	0.0	0.00
20/05/2024 23:10	0.0	0	0	0.0	0.00
20/05/2024 23:20	0.2	42	4	1.0	0.00
20/05/2024 23:30	0.1	35	2	0.7	0.00
20/05/2024 23:40	0.0	0	0	0.0	0.00
20/05/2024 23:50	0.0	0	0	0.0	0.00
21/05/2024 00:00	0.0	0	0	0.0	0.00
21/05/2024 00:10	0.0	0	0	0.0	0.00
21/05/2024 00:20	0.0	0	0	0.0	0.00
21/05/2024 00:30	0.0	0	0	0.0	0.00
21/05/2024 00:40	0.0	0	0	0.0	0.00
21/05/2024 00:50	0.3	111	6	1.2	0.00
21/05/2024 01:00	0.0	0	0	0.0	0.00
21/05/2024 01:10	0.5	34	3	1.7	0.00
21/05/2024 01:20	2.4	71	11	3.2	0.00
21/05/2024 01:30	2.1	79	11	3.5	0.00
21/05/2024 01:40	1.8	81	10	2.8	0.00
21/05/2024 01:50	1.9	82	9	2.5	0.00
21/05/2024 02:00	1.8	76	10	2.6	0.00
21/05/2024 02:10	0.3	77	3	2.1	0.00
21/05/2024 02:20	2.4	84	11	3.5	0.00
21/05/2024 02:30	3.1	78	11	4.8	0.00
21/05/2024 02:40	3.4	82	13	5.0	0.00
21/05/2024 02:50	3.7	82	11	5.4	0.00
21/05/2024 03:00	3.2	83	9	5.1	0.00
21/05/2024 03:10	3.1	86	11	4.4	0.00
21/05/2024 03:20	2.8	87	12	4.1	0.00
21/05/2024 03:30	2.3	90	13	3.5	0.00
21/05/2024 03:40	2.2	94	12	3.0	0.00
21/05/2024 03:50	2.3	92	11	3.7	0.00
21/05/2024 04:00	2.5	88	12	4.0	0.00
21/05/2024 04:10	2.6	81	12	4.0	0.00
21/05/2024 04:20	3.1	88	11	4.5	0.00
21/05/2024 04:30	3.5	86	11	5.1	0.00
21/05/2024 04:40	3.2	88	14	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 04:50	3.7	93	12	5.6	0.00
21/05/2024 05:00	3.6	89	12	5.5	0.00
21/05/2024 05:10	4.0	88	12	5.8	0.00
21/05/2024 05:20	3.7	88	12	5.4	0.00
21/05/2024 05:30	3.9	91	12	6.0	0.00
21/05/2024 05:40	3.8	95	14	5.8	0.00
21/05/2024 05:50	3.1	101	13	5.2	0.00
21/05/2024 06:00	3.4	108	17	5.6	0.00
21/05/2024 06:10	3.9	112	15	5.6	0.00
21/05/2024 06:20	3.7	112	13	6.3	0.00
21/05/2024 06:30	4.0	113	15	5.9	0.00
21/05/2024 06:40	3.5	110	14	6.0	0.00
21/05/2024 06:50	3.8	111	14	6.0	0.00
21/05/2024 07:00	3.1	112	13	4.9	0.00
21/05/2024 07:10	3.1	106	14	4.4	0.00
21/05/2024 07:20	4.2	111	14	7.1	0.00
21/05/2024 07:30	3.8	104	15	7.2	0.00
21/05/2024 07:40	4.1	103	13	6.0	0.00
21/05/2024 07:50	5.1	98	12	7.4	0.00
21/05/2024 08:00	5.4	97	12	7.9	0.00
21/05/2024 08:10	6.0	97	13	8.3	0.00
21/05/2024 08:20	6.0	99	11	8.2	0.00
21/05/2024 08:30	6.0	100	12	8.7	0.00
21/05/2024 08:40	6.0	97	14	8.5	0.00
21/05/2024 08:50	6.7	99	11	9.7	0.00
21/05/2024 09:00	6.5	98	13	9.4	0.00
21/05/2024 09:10	7.1	85	12	9.9	0.00
21/05/2024 09:20	8.0	92	13	12.3	0.00
21/05/2024 09:30	7.2	85	16	10.7	0.00
21/05/2024 09:40	7.7	86	11	11.3	0.00
21/05/2024 09:50	7.5	83	12	9.9	0.00
21/05/2024 10:00	7.6	83	12	11.1	0.00
21/05/2024 10:10	8.0	83	11	11.0	0.00
21/05/2024 10:20	7.8	82	12	11.1	0.00
21/05/2024 10:30	7.3	81	14	9.8	0.00
21/05/2024 10:40	7.2	88	12	10.1	0.00
21/05/2024 10:50	7.2	87	12	10.7	0.00
21/05/2024 11:00	6.9	84	15	10.0	0.00
21/05/2024 11:10	6.5	91	14	9.8	0.00
21/05/2024 11:20	7.7	85	12	10.4	0.00
21/05/2024 11:30	7.0	88	13	10.2	0.00
21/05/2024 11:40	7.8	84	12	10.3	0.00
21/05/2024 11:50	7.1	89	13	9.5	0.00
21/05/2024 12:00	8.2	78	12	10.7	0.00
21/05/2024 12:10	7.3	77	13	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 12:20	7.3	77	11	10.4	0.00
21/05/2024 12:30	8.3	74	13	11.8	0.00
21/05/2024 12:40	8.3	76	10	12.1	0.00
21/05/2024 12:50	7.1	72	12	11.0	0.00
21/05/2024 13:00	7.9	77	11	10.5	0.00
21/05/2024 13:10	6.7	76	11	9.5	0.00
21/05/2024 13:20	6.9	76	12	9.5	0.00
21/05/2024 13:30	6.0	74	11	7.9	0.00
21/05/2024 13:40	5.9	69	10	8.3	0.00
21/05/2024 13:50	7.1	72	12	9.4	0.00
21/05/2024 14:00	6.7	73	11	9.9	0.00
21/05/2024 14:10	7.1	74	11	9.5	0.00
21/05/2024 14:20	7.0	71	13	10.2	0.00
21/05/2024 14:30	7.1	64	11	9.6	0.00
21/05/2024 14:40	6.9	58	12	9.5	0.00
21/05/2024 14:50	7.7	60	10	11.4	0.00
21/05/2024 15:00	7.3	56	11	10.1	0.00
21/05/2024 15:10	7.4	56	11	10.1	0.00
21/05/2024 15:20	7.2	55	11	9.9	0.00
21/05/2024 15:30	6.8	59	13	9.5	0.00
21/05/2024 15:40	6.8	56	11	9.2	0.00
21/05/2024 15:50	6.7	54	12	8.4	0.00
21/05/2024 16:00	6.6	52	10	8.3	0.00
21/05/2024 16:10	5.6	57	11	7.8	0.00
21/05/2024 16:20	4.9	59	13	6.7	0.00
21/05/2024 16:30	4.6	55	13	6.8	0.00
21/05/2024 16:40	4.4	57	12	6.1	0.00
21/05/2024 16:50	4.6	50	12	6.3	0.00
21/05/2024 17:00	3.8	57	11	5.7	0.00
21/05/2024 17:10	3.7	59	12	5.5	0.00
21/05/2024 17:20	3.6	58	13	5.2	0.00
21/05/2024 17:30	3.2	58	11	4.4	0.00
21/05/2024 17:40	3.0	62	11	4.4	0.00
21/05/2024 17:50	3.0	61	11	4.3	0.00
21/05/2024 18:00	2.3	59	10	3.3	0.00
21/05/2024 18:10	2.9	56	12	3.9	0.00
21/05/2024 18:20	3.1	53	10	4.3	0.00
21/05/2024 18:30	1.9	62	8	2.5	0.00
21/05/2024 18:40	2.5	57	9	3.5	0.00
21/05/2024 18:50	2.9	58	9	3.9	0.00
21/05/2024 19:00	2.3	55	11	3.6	0.00
21/05/2024 19:10	2.4	55	11	3.4	0.00
21/05/2024 19:20	1.7	55	8	2.5	0.00
21/05/2024 19:30	0.0	0	0	0.0	0.00
21/05/2024 19:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 19:50	0.0	0	0	0.0	0.00
21/05/2024 20:00	0.0	0	0	0.0	0.00
21/05/2024 20:10	0.0	0	0	0.0	0.00
21/05/2024 20:20	0.0	0	0	0.0	0.00
21/05/2024 20:30	0.0	0	0	0.0	0.00
21/05/2024 20:40	0.0	0	0	0.0	0.00
21/05/2024 20:50	0.0	0	0	0.0	0.00
21/05/2024 21:00	0.0	0	0	0.0	0.00
21/05/2024 21:10	0.0	0	0	0.0	0.00
21/05/2024 21:20	0.0	0	0	0.0	0.00
21/05/2024 21:30	0.0	0	0	0.0	0.00
21/05/2024 21:40	0.0	0	0	0.0	0.00
21/05/2024 21:50	0.0	0	0	0.0	0.00
21/05/2024 22:00	0.0	0	0	0.0	0.00
21/05/2024 22:10	0.0	0	0	0.0	0.00
21/05/2024 22:20	0.0	0	0	0.0	0.00
21/05/2024 22:30	0.0	0	0	0.0	0.00
21/05/2024 22:40	0.0	0	0	0.0	0.00
21/05/2024 22:50	0.0	0	0	0.0	0.00
21/05/2024 23:00	0.0	0	0	0.0	0.00
21/05/2024 23:10	0.0	0	0	0.0	0.00
21/05/2024 23:20	0.0	0	0	0.0	0.00
21/05/2024 23:30	0.0	0	0	0.0	0.00
21/05/2024 23:40	0.0	0	0	0.0	0.00
21/05/2024 23:50	0.0	0	0	0.0	0.00
22/05/2024 00:00	0.0	0	0	0.0	0.00
22/05/2024 00:10	0.0	0	0	0.0	0.00
22/05/2024 00:20	0.0	0	0	0.0	0.00
22/05/2024 00:30	0.0	0	0	0.0	0.00
22/05/2024 00:40	0.0	0	0	0.0	0.00
22/05/2024 00:50	0.6	140	12	2.1	0.00
22/05/2024 01:00	0.0	0	0	0.0	0.00
22/05/2024 01:10	0.1	67	11	0.5	0.00
22/05/2024 01:20	0.0	0	0	0.0	0.00
22/05/2024 01:30	0.0	0	0	0.0	0.00
22/05/2024 01:40	0.0	0	0	0.0	0.00
22/05/2024 01:50	0.0	0	0	0.0	0.00
22/05/2024 02:00	0.1	70	6	1.0	0.00
22/05/2024 02:10	0.2	155	9	1.6	0.00
22/05/2024 02:20	0.4	139	19	1.2	0.00
22/05/2024 02:30	0.0	62	0	0.3	0.00
22/05/2024 02:40	0.0	0	0	0.0	0.00
22/05/2024 02:50	0.0	0	0	0.0	0.00
22/05/2024 03:00	0.5	50	4	0.9	0.00
22/05/2024 03:10	1.4	106	10	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 03:20	0.0	0	0	0.0	0.00
22/05/2024 03:30	0.0	0	0	0.0	0.00
22/05/2024 03:40	1.0	101	11	2.6	0.00
22/05/2024 03:50	2.1	111	12	3.0	0.00
22/05/2024 04:00	1.8	115	16	2.8	0.00
22/05/2024 04:10	2.3	106	16	4.9	0.00
22/05/2024 04:20	1.9	104	13	3.9	0.00
22/05/2024 04:30	1.9	96	12	3.4	0.00
22/05/2024 04:40	3.0	88	14	4.4	0.00
22/05/2024 04:50	2.6	92	11	4.4	0.00
22/05/2024 05:00	2.7	77	13	4.0	0.00
22/05/2024 05:10	3.0	79	13	4.4	0.00
22/05/2024 05:20	2.9	85	13	4.1	0.00
22/05/2024 05:30	2.3	89	15	3.5	0.00
22/05/2024 05:40	2.7	88	15	4.0	0.00
22/05/2024 05:50	2.8	84	14	4.3	0.00
22/05/2024 06:00	3.6	83	12	5.3	0.00
22/05/2024 06:10	3.5	85	13	5.1	0.00
22/05/2024 06:20	3.4	84	12	4.8	0.00
22/05/2024 06:30	2.9	85	13	4.3	0.00
22/05/2024 06:40	3.0	92	12	4.5	0.00
22/05/2024 06:50	3.8	91	10	5.5	0.00
22/05/2024 07:00	4.0	94	11	5.7	0.00
22/05/2024 07:10	4.0	93	11	5.4	0.00
22/05/2024 07:20	3.1	91	13	4.6	0.00
22/05/2024 07:30	3.5	91	12	5.4	0.00
22/05/2024 07:40	3.6	92	12	5.5	0.00
22/05/2024 07:50	4.7	97	13	6.9	0.00
22/05/2024 08:00	5.2	96	11	7.0	0.00
22/05/2024 08:10	5.0	95	10	6.8	0.00
22/05/2024 08:20	5.1	92	11	7.0	0.00
22/05/2024 08:30	5.8	93	12	7.5	0.00
22/05/2024 08:40	6.0	93	12	8.7	0.00
22/05/2024 08:50	5.2	88	15	8.3	0.00
22/05/2024 09:00	5.1	90	12	7.9	0.00
22/05/2024 09:10	4.7	89	13	6.8	0.00
22/05/2024 09:20	5.2	82	13	7.2	0.00
22/05/2024 09:30	6.1	80	13	8.7	0.00
22/05/2024 09:40	5.4	82	12	7.8	0.00
22/05/2024 09:50	6.3	84	12	9.2	0.00
22/05/2024 10:00	6.3	84	12	9.5	0.00
22/05/2024 10:10	6.8	86	11	9.1	0.00
22/05/2024 10:20	7.5	81	12	10.9	0.00
22/05/2024 10:30	7.0	88	12	9.5	0.00
22/05/2024 10:40	6.9	95	12	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 10:50	7.2	87	13	10.3	0.00
22/05/2024 11:00	6.8	84	12	9.9	0.00
22/05/2024 11:10	7.1	84	14	9.9	0.00
22/05/2024 11:20	7.0	86	13	10.3	0.00
22/05/2024 11:30	7.4	91	11	9.9	0.00
22/05/2024 11:40	7.4	87	14	9.7	0.00
22/05/2024 11:50	6.8	82	11	9.8	0.00
22/05/2024 12:00	6.7	81	11	9.3	0.00
22/05/2024 12:10	6.9	87	12	9.9	0.00
22/05/2024 12:20	7.4	83	12	9.5	0.00
22/05/2024 12:30	7.5	84	14	10.0	0.00
22/05/2024 12:40	7.1	82	12	9.1	0.00
22/05/2024 12:50	7.6	77	12	10.6	0.00
22/05/2024 13:00	6.5	77	12	9.4	0.00
22/05/2024 13:10	6.3	76	15	9.0	0.00
22/05/2024 13:20	6.2	78	11	8.5	0.00
22/05/2024 13:30	6.1	78	12	8.5	0.00
22/05/2024 13:40	6.0	81	13	8.7	0.00
22/05/2024 13:50	6.2	72	12	8.1	0.00
22/05/2024 14:00	7.1	71	11	10.0	0.00
22/05/2024 14:10	7.1	71	11	9.9	0.00
22/05/2024 14:20	6.7	74	10	9.0	0.00
22/05/2024 14:30	6.3	72	11	8.8	0.00
22/05/2024 14:40	5.9	70	11	7.9	0.00
22/05/2024 14:50	6.0	69	11	7.9	0.00
22/05/2024 15:00	5.0	74	13	7.1	0.00
22/05/2024 15:10	4.9	61	13	7.0	0.00
22/05/2024 15:20	4.7	53	14	6.8	0.00
22/05/2024 15:30	4.9	53	13	6.5	0.00
22/05/2024 15:40	4.3	48	14	6.0	0.00
22/05/2024 15:50	4.1	49	13	5.8	0.00
22/05/2024 16:00	4.2	44	10	5.6	0.00
22/05/2024 16:10	4.2	49	13	5.5	0.00
22/05/2024 16:20	5.0	60	10	6.5	0.00
22/05/2024 16:30	4.1	60	11	5.8	0.00
22/05/2024 16:40	3.3	60	15	4.6	0.00
22/05/2024 16:50	3.5	62	11	4.9	0.00
22/05/2024 17:00	3.1	57	10	4.4	0.00
22/05/2024 17:10	3.2	52	11	4.4	0.00
22/05/2024 17:20	3.2	35	11	4.4	0.00
22/05/2024 17:30	2.6	41	14	3.6	0.00
22/05/2024 17:40	2.9	43	12	4.2	0.00
22/05/2024 17:50	3.1	47	12	4.2	0.00
22/05/2024 18:00	2.8	42	11	3.8	0.00
22/05/2024 18:10	2.8	37	11	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 18:20	2.4	43	11	3.2	0.00
22/05/2024 18:30	2.3	45	9	3.1	0.00
22/05/2024 18:40	1.7	50	10	2.5	0.00
22/05/2024 18:50	0.3	31	3	0.9	0.00
22/05/2024 19:00	0.0	0	0	0.0	0.00
22/05/2024 19:10	0.0	0	0	0.0	0.00
22/05/2024 19:20	0.0	0	0	0.0	0.00
22/05/2024 19:30	0.0	0	0	0.0	0.00
22/05/2024 19:40	0.0	0	0	0.0	0.00
22/05/2024 19:50	0.0	0	0	0.0	0.00
22/05/2024 20:00	0.0	0	0	0.0	0.00
22/05/2024 20:10	0.0	0	0	0.0	0.00
22/05/2024 20:20	0.0	0	0	0.0	0.00
22/05/2024 20:30	0.0	0	0	0.0	0.00
22/05/2024 20:40	0.0	0	0	0.0	0.00
22/05/2024 20:50	0.0	0	0	0.0	0.00
22/05/2024 21:00	0.0	0	0	0.0	0.00
22/05/2024 21:10	0.0	0	0	0.0	0.00
22/05/2024 21:20	0.0	0	0	0.0	0.00
22/05/2024 21:30	0.0	0	0	0.0	0.00
22/05/2024 21:40	0.0	0	0	0.0	0.00
22/05/2024 21:50	0.0	0	0	0.0	0.00
22/05/2024 22:00	0.0	0	0	0.0	0.00
22/05/2024 22:10	0.0	0	0	0.0	0.00
22/05/2024 22:20	0.0	0	0	0.0	0.00
22/05/2024 22:30	0.0	0	0	0.0	0.00
22/05/2024 22:40	0.0	0	0	0.0	0.00
22/05/2024 22:50	0.0	0	0	0.0	0.00
22/05/2024 23:00	0.0	0	0	0.0	0.00
22/05/2024 23:10	0.0	0	0	0.0	0.00
22/05/2024 23:20	0.0	0	0	0.0	0.00
22/05/2024 23:30	0.0	0	0	0.0	0.00
22/05/2024 23:40	0.0	0	0	0.0	0.00
22/05/2024 23:50	0.0	0	0	0.0	0.00
23/05/2024 00:00	0.0	0	0	0.0	0.00
23/05/2024 00:10	0.0	0	0	0.0	0.00
23/05/2024 00:20	0.0	0	0	0.0	0.00
23/05/2024 00:30	0.0	0	0	0.0	0.00
23/05/2024 00:40	0.0	0	0	0.0	0.00
23/05/2024 00:50	0.0	0	0	0.0	0.00
23/05/2024 01:00	0.0	0	0	0.0	0.00
23/05/2024 01:10	0.0	51	0	1.1	0.00
23/05/2024 01:20	1.7	100	10	2.3	0.00
23/05/2024 01:30	0.4	45	3	1.1	0.00
23/05/2024 01:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 01:50	0.0	0	0	0.0	0.00
23/05/2024 02:00	0.0	56	0	0.2	0.00
23/05/2024 02:10	0.0	0	0	0.0	0.00
23/05/2024 02:20	0.0	0	0	0.0	0.00
23/05/2024 02:30	0.0	0	0	0.0	0.00
23/05/2024 02:40	0.1	57	2	1.2	0.00
23/05/2024 02:50	0.0	0	0	0.0	0.00
23/05/2024 03:00	0.0	0	0	0.0	0.00
23/05/2024 03:10	0.0	0	0	0.0	0.00
23/05/2024 03:20	0.0	0	0	0.0	0.00
23/05/2024 03:30	0.0	0	0	0.0	0.00
23/05/2024 03:40	0.0	0	0	0.0	0.00
23/05/2024 03:50	0.0	0	0	0.0	0.00
23/05/2024 04:00	0.0	0	0	0.0	0.00
23/05/2024 04:10	0.0	0	0	0.0	0.00
23/05/2024 04:20	0.0	0	0	0.0	0.00
23/05/2024 04:30	0.0	0	0	0.0	0.00
23/05/2024 04:40	0.0	0	0	0.0	0.00
23/05/2024 04:50	0.0	0	0	0.0	0.00
23/05/2024 05:00	1.7	86	8	2.8	0.00
23/05/2024 05:10	1.5	106	13	2.0	0.00
23/05/2024 05:20	0.4	55	9	0.7	0.00
23/05/2024 05:30	1.1	107	9	1.7	0.00
23/05/2024 05:40	0.0	48	0	0.3	0.00
23/05/2024 05:50	0.0	0	0	0.0	0.00
23/05/2024 06:00	0.0	0	0	0.0	0.00
23/05/2024 06:10	0.0	0	0	0.0	0.00
23/05/2024 06:20	0.3	43	3	1.3	0.00
23/05/2024 06:30	2.2	82	9	2.8	0.00
23/05/2024 06:40	2.2	75	7	2.7	0.00
23/05/2024 06:50	0.3	38	2	1.1	0.00
23/05/2024 07:00	0.0	0	0	0.0	0.00
23/05/2024 07:10	0.0	0	0	0.0	0.00
23/05/2024 07:20	0.0	0	0	0.0	0.00
23/05/2024 07:30	0.0	0	0	0.0	0.00
23/05/2024 07:40	0.0	0	0	0.0	0.00
23/05/2024 07:50	0.0	0	0	0.0	0.00
23/05/2024 08:00	0.0	0	0	0.0	0.00
23/05/2024 08:10	1.8	89	12	4.1	0.00
23/05/2024 08:20	3.4	94	15	4.9	0.00
23/05/2024 08:30	3.9	101	12	5.2	0.00
23/05/2024 08:40	4.1	97	13	5.8	0.00
23/05/2024 08:50	4.2	92	11	5.5	0.00
23/05/2024 09:00	4.0	99	12	5.6	0.00
23/05/2024 09:10	4.3	99	11	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 09:20	4.6	85	13	6.9	0.00
23/05/2024 09:30	5.2	85	14	7.0	0.00
23/05/2024 09:40	4.7	84	13	6.9	0.00
23/05/2024 09:50	5.0	79	13	6.8	0.00
23/05/2024 10:00	5.8	73	10	7.5	0.00
23/05/2024 10:10	5.5	77	11	7.6	0.00
23/05/2024 10:20	5.2	81	14	7.2	0.00
23/05/2024 10:30	5.0	74	11	6.9	0.00
23/05/2024 10:40	4.8	76	11	7.0	0.00
23/05/2024 10:50	5.1	90	12	6.9	0.00
23/05/2024 11:00	4.9	79	11	6.8	0.00
23/05/2024 11:10	4.6	84	11	6.7	0.00
23/05/2024 11:20	4.1	85	13	5.8	0.00
23/05/2024 11:30	4.3	75	12	6.2	0.00
23/05/2024 11:40	4.7	81	13	6.5	0.00
23/05/2024 11:50	4.8	81	12	6.8	0.00
23/05/2024 12:00	5.0	75	11	6.4	0.00
23/05/2024 12:10	5.6	76	11	7.5	0.00
23/05/2024 12:20	5.2	83	12	7.3	0.00
23/05/2024 12:30	5.3	75	11	7.2	0.00
23/05/2024 12:40	5.3	72	12	7.1	0.00
23/05/2024 12:50	5.1	75	12	6.6	0.00
23/05/2024 13:00	5.0	76	12	6.8	0.00
23/05/2024 13:10	4.6	73	15	7.1	0.00
23/05/2024 13:20	5.2	75	12	7.1	0.00
23/05/2024 13:30	5.2	76	13	6.8	0.00
23/05/2024 13:40	5.2	74	12	6.8	0.00
23/05/2024 13:50	4.8	77	12	7.0	0.00
23/05/2024 14:00	5.3	68	11	7.2	0.00
23/05/2024 14:10	5.2	73	9	7.0	0.00
23/05/2024 14:20	5.1	68	12	6.8	0.00
23/05/2024 14:30	5.1	75	12	6.8	0.00
23/05/2024 14:40	5.2	71	12	7.1	0.00
23/05/2024 14:50	4.9	78	12	6.7	0.00
23/05/2024 15:00	4.8	67	11	6.6	0.00
23/05/2024 15:10	4.1	66	14	5.5	0.00
23/05/2024 15:20	4.2	58	12	5.9	0.00
23/05/2024 15:30	4.9	73	9	6.5	0.00
23/05/2024 15:40	4.1	69	12	5.8	0.00
23/05/2024 15:50	4.3	65	11	5.6	0.00
23/05/2024 16:00	4.4	64	12	5.8	0.00
23/05/2024 16:10	4.2	67	12	5.8	0.00
23/05/2024 16:20	4.4	70	12	6.1	0.00
23/05/2024 16:30	4.1	66	10	5.5	0.00
23/05/2024 16:40	3.7	61	10	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 16:50	3.5	65	10	4.7	0.00
23/05/2024 17:00	3.0	51	12	4.0	0.00
23/05/2024 17:10	2.8	53	11	4.1	0.00
23/05/2024 17:20	2.7	45	13	4.0	0.00
23/05/2024 17:30	3.2	40	11	4.4	0.00
23/05/2024 17:40	2.8	30	13	4.0	0.00
23/05/2024 17:50	2.7	19	16	4.0	0.00
23/05/2024 18:00	2.2	353	20	3.4	0.00
23/05/2024 18:10	2.6	18	15	3.8	0.00
23/05/2024 18:20	2.5	24	15	3.5	0.00
23/05/2024 18:30	2.8	12	16	4.0	0.00
23/05/2024 18:40	2.5	4	15	3.9	0.00
23/05/2024 18:50	2.4	14	15	3.5	0.00
23/05/2024 19:00	2.3	17	18	3.2	0.00
23/05/2024 19:10	2.0	18	14	3.3	0.00
23/05/2024 19:20	2.4	22	16	3.8	0.00
23/05/2024 19:30	2.3	25	16	4.0	0.00
23/05/2024 19:40	2.3	27	16	3.7	0.00
23/05/2024 19:50	1.9	29	14	2.9	0.00
23/05/2024 20:00	2.4	32	13	3.4	0.00
23/05/2024 20:10	2.1	27	16	3.0	0.00
23/05/2024 20:20	2.4	39	12	3.5	0.00
23/05/2024 20:30	2.9	42	11	4.2	0.00
23/05/2024 20:40	2.8	42	12	4.0	0.00
23/05/2024 20:50	2.0	38	11	3.2	0.00
23/05/2024 21:00	1.2	12	15	2.3	0.00
23/05/2024 21:10	0.0	0	0	0.0	0.00
23/05/2024 21:20	0.0	0	0	0.0	0.00
23/05/2024 21:30	0.0	0	0	0.0	0.00
23/05/2024 21:40	0.0	0	0	0.0	0.00
23/05/2024 21:50	0.0	0	0	0.0	0.00
23/05/2024 22:00	0.0	0	0	0.0	0.00
23/05/2024 22:10	0.0	0	0	0.0	0.00
23/05/2024 22:20	0.0	0	0	0.0	0.10
23/05/2024 22:30	0.0	0	0	0.0	0.00
23/05/2024 22:40	0.0	0	0	0.0	0.00
23/05/2024 22:50	0.0	0	0	0.0	0.00
23/05/2024 23:00	0.0	0	0	0.0	0.00
23/05/2024 23:10	0.0	0	0	0.0	0.00
23/05/2024 23:20	0.0	0	0	0.0	0.00
23/05/2024 23:30	0.0	0	0	0.0	0.00
23/05/2024 23:40	0.0	0	0	0.0	0.00
23/05/2024 23:50	0.0	0	0	0.0	0.00
24/05/2024 00:00	0.2	106	3	1.0	0.00
24/05/2024 00:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 00:20	0.0	0	0	0.0	0.00
24/05/2024 00:30	0.0	0	0	0.0	0.00
24/05/2024 00:40	0.0	0	0	0.0	0.00
24/05/2024 00:50	0.0	0	0	0.0	0.00
24/05/2024 01:00	0.0	0	0	0.0	0.00
24/05/2024 01:10	0.0	0	0	0.0	0.00
24/05/2024 01:20	0.0	0	0	0.0	0.00
24/05/2024 01:30	0.0	0	0	0.0	0.00
24/05/2024 01:40	0.0	0	0	0.0	0.00
24/05/2024 01:50	0.0	0	0	0.0	0.00
24/05/2024 02:00	0.0	0	0	0.0	0.00
24/05/2024 02:10	0.0	0	0	0.0	0.00
24/05/2024 02:20	0.0	0	0	0.0	0.00
24/05/2024 02:30	0.0	0	0	0.0	0.00
24/05/2024 02:40	0.0	0	0	0.0	0.00
24/05/2024 02:50	0.0	0	0	0.0	0.00
24/05/2024 03:00	0.0	0	0	0.0	0.00
24/05/2024 03:10	0.0	0	0	0.0	0.00
24/05/2024 03:20	0.0	0	0	0.0	0.00
24/05/2024 03:30	0.0	0	0	0.0	0.00
24/05/2024 03:40	0.0	0	0	0.0	0.00
24/05/2024 03:50	0.0	0	0	0.0	0.00
24/05/2024 04:00	0.0	0	0	0.0	0.00
24/05/2024 04:10	0.0	0	0	0.0	0.00
24/05/2024 04:20	0.0	0	0	0.0	0.00
24/05/2024 04:30	0.0	0	0	0.0	0.00
24/05/2024 04:40	0.2	52	1	1.2	0.00
24/05/2024 04:50	1.6	86	9	2.0	0.00
24/05/2024 05:00	1.7	94	10	2.2	0.00
24/05/2024 05:10	2.0	98	10	2.6	0.00
24/05/2024 05:20	1.8	93	9	2.5	0.00
24/05/2024 05:30	1.5	109	11	2.4	0.00
24/05/2024 05:40	2.0	107	9	3.0	0.00
24/05/2024 05:50	1.7	101	14	2.7	0.00
24/05/2024 06:00	1.7	105	14	2.2	0.00
24/05/2024 06:10	1.9	102	12	2.5	0.00
24/05/2024 06:20	1.1	108	12	2.1	0.00
24/05/2024 06:30	1.6	105	11	2.1	0.00
24/05/2024 06:40	1.8	104	11	2.6	0.00
24/05/2024 06:50	1.8	104	10	2.4	0.00
24/05/2024 07:00	2.0	106	12	2.7	0.00
24/05/2024 07:10	2.2	101	11	2.9	0.00
24/05/2024 07:20	2.4	104	12	3.3	0.00
24/05/2024 07:30	2.8	98	10	3.8	0.00
24/05/2024 07:40	2.0	109	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 07:50	2.6	103	11	3.5	0.00
24/05/2024 08:00	2.7	108	11	3.9	0.00
24/05/2024 08:10	2.4	111	13	3.2	0.00
24/05/2024 08:20	2.7	112	15	3.9	0.00
24/05/2024 08:30	2.9	101	15	3.9	0.00
24/05/2024 08:40	3.2	98	12	4.3	0.00
24/05/2024 08:50	3.2	111	15	4.5	0.00
24/05/2024 09:00	3.2	114	12	4.4	0.00
24/05/2024 09:10	3.5	120	15	5.0	0.00
24/05/2024 09:20	3.5	125	17	4.6	0.00
24/05/2024 09:30	3.4	122	15	5.2	0.00
24/05/2024 09:40	2.8	130	18	3.8	0.00
24/05/2024 09:50	3.1	127	14	4.4	0.00
24/05/2024 10:00	3.3	114	16	4.7	0.00
24/05/2024 10:10	3.4	131	17	4.8	0.00
24/05/2024 10:20	3.3	130	17	4.7	0.00
24/05/2024 10:30	3.4	129	18	4.6	0.00
24/05/2024 10:40	3.2	123	16	4.4	0.00
24/05/2024 10:50	3.4	129	18	4.8	0.00
24/05/2024 11:00	3.6	118	16	5.2	0.00
24/05/2024 11:10	3.4	111	17	4.8	0.00
24/05/2024 11:20	3.7	88	15	5.2	0.00
24/05/2024 11:30	4.4	79	14	5.8	0.00
24/05/2024 11:40	4.4	84	14	6.0	0.00
24/05/2024 11:50	4.4	76	11	6.0	0.00
24/05/2024 12:00	4.4	80	14	5.9	0.00
24/05/2024 12:10	4.4	81	10	5.8	0.00
24/05/2024 12:20	4.4	76	14	6.2	0.00
24/05/2024 12:30	4.3	74	13	5.7	0.00
24/05/2024 12:40	4.0	79	13	5.7	0.00
24/05/2024 12:50	4.3	81	12	5.7	0.00
24/05/2024 13:00	4.2	72	12	5.9	0.00
24/05/2024 13:10	4.2	76	14	5.4	0.00
24/05/2024 13:20	4.1	77	13	5.6	0.00
24/05/2024 13:30	4.2	79	12	6.2	0.00
24/05/2024 13:40	4.3	80	13	5.6	0.00
24/05/2024 13:50	4.3	81	14	6.1	0.00
24/05/2024 14:00	4.2	81	13	5.9	0.00
24/05/2024 14:10	4.5	84	13	6.2	0.00
24/05/2024 14:20	3.8	78	12	5.7	0.00
24/05/2024 14:30	3.7	77	13	5.1	0.00
24/05/2024 14:40	3.6	78	11	4.8	0.00
24/05/2024 14:50	4.1	74	13	5.2	0.00
24/05/2024 15:00	3.9	73	13	5.2	0.00
24/05/2024 15:10	3.3	77	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 15:20	3.1	72	13	4.5	0.00
24/05/2024 15:30	3.0	92	14	4.3	0.00
24/05/2024 15:40	2.9	89	14	4.0	0.00
24/05/2024 15:50	2.8	70	12	3.7	0.00
24/05/2024 16:00	2.9	78	13	4.0	0.00
24/05/2024 16:10	2.3	69	14	3.6	0.00
24/05/2024 16:20	2.7	87	12	3.7	0.00
24/05/2024 16:30	3.1	96	11	4.0	0.00
24/05/2024 16:40	1.9	94	14	3.0	0.00
24/05/2024 16:50	1.6	96	13	2.2	0.00
24/05/2024 17:00	2.1	86	13	3.0	0.00
24/05/2024 17:10	1.8	64	12	2.8	0.00
24/05/2024 17:20	0.7	41	13	1.6	0.00
24/05/2024 17:30	0.3	348	8	1.8	0.00
24/05/2024 17:40	0.4	355	12	1.9	0.00
24/05/2024 17:50	0.9	356	20	2.0	0.00
24/05/2024 18:00	1.6	353	21	2.3	0.00
24/05/2024 18:10	1.1	9	16	2.5	0.00
24/05/2024 18:20	1.6	5	14	2.8	0.00
24/05/2024 18:30	0.1	173	3	0.8	0.00
24/05/2024 18:40	0.0	0	0	0.0	0.00
24/05/2024 18:50	0.4	180	5	1.3	0.00
24/05/2024 19:00	0.9	352	18	2.2	0.00
24/05/2024 19:10	1.6	184	19	2.7	0.00
24/05/2024 19:20	0.7	5	8	1.2	0.00
24/05/2024 19:30	0.0	0	0	0.0	0.00
24/05/2024 19:40	0.0	0	0	0.0	0.00
24/05/2024 19:50	0.0	0	0	0.0	0.00
24/05/2024 20:00	0.0	0	0	0.0	0.00
24/05/2024 20:10	0.0	0	0	0.0	0.00
24/05/2024 20:20	0.0	0	0	0.0	0.00
24/05/2024 20:30	0.4	22	18	1.6	0.00
24/05/2024 20:40	0.0	0	0	0.0	0.00
24/05/2024 20:50	0.0	0	0	0.0	0.00
24/05/2024 21:00	0.0	0	0	0.0	0.00
24/05/2024 21:10	1.1	7	7	2.8	0.00
24/05/2024 21:20	0.7	30	9	1.4	0.00
24/05/2024 21:30	0.0	0	0	0.0	0.00
24/05/2024 21:40	0.0	0	0	0.0	0.00
24/05/2024 21:50	0.0	0	0	0.0	0.00
24/05/2024 22:00	0.7	147	19	1.3	0.00
24/05/2024 22:10	0.5	206	22	2.0	0.00
24/05/2024 22:20	0.0	0	0	0.0	0.00
24/05/2024 22:30	0.0	0	0	0.0	0.00
24/05/2024 22:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 22:50	0.0	0	0	0.0	0.00
24/05/2024 23:00	0.0	0	0	0.0	0.00
24/05/2024 23:10	0.0	0	0	0.0	0.00
24/05/2024 23:20	0.0	0	0	0.0	0.00
24/05/2024 23:30	0.0	0	0	0.0	0.00
24/05/2024 23:40	0.0	0	0	0.0	0.00
24/05/2024 23:50	0.0	116	0	0.2	0.00
25/05/2024 00:00	0.0	0	0	0.0	0.00
25/05/2024 00:10	0.0	0	0	0.0	0.00
25/05/2024 00:20	0.0	0	0	0.0	0.00
25/05/2024 00:30	0.0	0	0	0.0	0.00
25/05/2024 00:40	0.0	0	0	0.0	0.00
25/05/2024 00:50	0.0	0	0	0.0	0.00
25/05/2024 01:00	0.0	0	0	0.0	0.00
25/05/2024 01:10	0.0	0	0	0.0	0.00
25/05/2024 01:20	0.0	0	0	0.0	0.00
25/05/2024 01:30	0.0	0	0	0.0	0.00
25/05/2024 01:40	0.0	0	0	0.0	0.00
25/05/2024 01:50	0.0	0	0	0.0	0.00
25/05/2024 02:00	0.0	0	0	0.0	0.00
25/05/2024 02:10	0.0	0	0	0.0	0.00
25/05/2024 02:20	0.0	0	0	0.0	0.00
25/05/2024 02:30	0.0	0	0	0.0	0.00
25/05/2024 02:40	0.0	0	0	0.0	0.00
25/05/2024 02:50	0.0	0	0	0.0	0.00
25/05/2024 03:00	0.0	0	0	0.0	0.00
25/05/2024 03:10	0.0	0	0	0.0	0.00
25/05/2024 03:20	0.0	0	0	0.0	0.00
25/05/2024 03:30	0.0	0	0	0.0	0.00
25/05/2024 03:40	0.0	0	0	0.0	0.00
25/05/2024 03:50	0.0	0	0	0.0	0.00
25/05/2024 04:00	0.0	0	0	0.0	0.00
25/05/2024 04:10	0.0	0	0	0.0	0.00
25/05/2024 04:20	0.0	0	0	0.0	0.00
25/05/2024 04:30	0.0	0	0	0.0	0.00
25/05/2024 04:40	0.0	0	0	0.0	0.00
25/05/2024 04:50	0.0	0	0	0.0	0.00
25/05/2024 05:00	0.0	0	0	0.0	0.00
25/05/2024 05:10	0.0	0	0	0.0	0.00
25/05/2024 05:20	0.0	0	0	0.0	0.00
25/05/2024 05:30	0.0	0	0	0.0	0.00
25/05/2024 05:40	0.0	0	0	0.0	0.00
25/05/2024 05:50	0.0	0	0	0.0	0.00
25/05/2024 06:00	0.0	0	0	0.0	0.00
25/05/2024 06:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 06:20	0.0	0	0	0.0	0.00
25/05/2024 06:30	0.0	0	0	0.0	0.00
25/05/2024 06:40	0.0	0	0	0.0	0.00
25/05/2024 06:50	0.0	0	0	0.0	0.00
25/05/2024 07:00	0.0	0	0	0.0	0.00
25/05/2024 07:10	0.0	0	0	0.0	0.00
25/05/2024 07:20	0.0	0	0	0.0	0.00
25/05/2024 07:30	0.0	0	0	0.0	0.00
25/05/2024 07:40	0.0	0	0	0.0	0.00
25/05/2024 07:50	0.0	0	0	0.0	0.00
25/05/2024 08:00	0.0	0	0	0.0	0.00
25/05/2024 08:10	0.0	0	0	0.0	0.00
25/05/2024 08:20	0.4	105	10	0.8	0.00
25/05/2024 08:30	0.2	104	4	0.8	0.00
25/05/2024 08:40	0.0	0	0	0.0	0.00
25/05/2024 08:50	0.0	0	0	0.0	0.00
25/05/2024 09:00	0.6	130	8	1.5	0.00
25/05/2024 09:10	0.9	165	60	2.2	0.00
25/05/2024 09:20	1.2	189	49	2.1	0.00
25/05/2024 09:30	1.1	157	51	2.4	0.00
25/05/2024 09:40	1.3	139	33	2.2	0.00
25/05/2024 09:50	2.3	122	19	3.5	0.00
25/05/2024 10:00	2.6	123	18	3.6	0.00
25/05/2024 10:10	2.5	128	18	3.5	0.00
25/05/2024 10:20	2.9	104	17	4.6	0.00
25/05/2024 10:30	3.5	86	14	4.9	0.00
25/05/2024 10:40	3.5	101	17	4.9	0.00
25/05/2024 10:50	3.0	86	13	4.2	0.00
25/05/2024 11:00	3.0	105	12	4.2	0.00
25/05/2024 11:10	2.8	103	14	4.4	0.00
25/05/2024 11:20	3.0	104	14	4.7	0.00
25/05/2024 11:30	3.1	92	16	4.4	0.00
25/05/2024 11:40	3.3	84	14	4.9	0.00
25/05/2024 11:50	3.2	93	14	4.6	0.00
25/05/2024 12:00	3.5	77	12	5.6	0.00
25/05/2024 12:10	3.5	94	12	4.7	0.00
25/05/2024 12:20	3.5	92	17	4.9	0.00
25/05/2024 12:30	3.9	69	12	5.3	0.00
25/05/2024 12:40	3.6	72	14	5.3	0.00
25/05/2024 12:50	3.9	76	10	5.2	0.00
25/05/2024 13:00	4.0	77	15	5.2	0.00
25/05/2024 13:10	3.9	76	13	5.6	0.00
25/05/2024 13:20	3.9	83	13	5.2	0.00
25/05/2024 13:30	3.7	86	12	4.8	0.00
25/05/2024 13:40	3.5	86	13	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 13:50	3.6	86	11	4.9	0.00
25/05/2024 14:00	3.3	84	14	4.8	0.00
25/05/2024 14:10	3.9	79	12	5.4	0.00
25/05/2024 14:20	4.0	77	12	5.2	0.00
25/05/2024 14:30	4.1	73	13	5.6	0.00
25/05/2024 14:40	4.5	74	13	6.1	0.00
25/05/2024 14:50	4.1	63	12	5.8	0.00
25/05/2024 15:00	4.3	68	12	6.0	0.00
25/05/2024 15:10	3.9	59	14	5.6	0.00
25/05/2024 15:20	3.4	54	13	4.8	0.00
25/05/2024 15:30	4.1	54	13	5.6	0.00
25/05/2024 15:40	4.0	54	11	5.5	0.00
25/05/2024 15:50	4.2	58	14	5.7	0.00
25/05/2024 16:00	3.8	49	13	5.5	0.00
25/05/2024 16:10	3.6	51	12	5.0	0.00
25/05/2024 16:20	3.9	58	12	5.5	0.00
25/05/2024 16:30	3.4	46	12	4.4	0.00
25/05/2024 16:40	3.0	43	12	4.2	0.00
25/05/2024 16:50	2.7	41	13	3.9	0.00
25/05/2024 17:00	2.7	35	14	3.8	0.00
25/05/2024 17:10	0.4	176	7	1.1	0.00
25/05/2024 17:20	0.0	0	0	0.0	0.00
25/05/2024 17:30	0.1	162	4	0.7	0.00
25/05/2024 17:40	1.9	354	17	3.0	0.00
25/05/2024 17:50	2.2	181	14	3.5	0.00
25/05/2024 18:00	2.3	180	17	3.8	0.00
25/05/2024 18:10	2.1	182	17	3.2	0.00
25/05/2024 18:20	2.2	179	16	3.4	0.00
25/05/2024 18:30	1.3	4	23	2.4	0.00
25/05/2024 18:40	1.0	350	17	2.4	0.00
25/05/2024 18:50	0.5	299	17	2.1	0.00
25/05/2024 19:00	0.2	126	5	0.9	0.00
25/05/2024 19:10	0.0	0	0	0.0	0.00
25/05/2024 19:20	0.0	0	0	0.0	0.00
25/05/2024 19:30	0.0	0	0	0.0	0.00
25/05/2024 19:40	0.0	0	0	0.0	0.00
25/05/2024 19:50	0.0	0	0	0.0	0.00
25/05/2024 20:00	0.0	0	0	0.0	0.00
25/05/2024 20:10	0.0	0	0	0.0	0.00
25/05/2024 20:20	0.0	0	0	0.0	0.00
25/05/2024 20:30	0.0	0	0	0.0	0.00
25/05/2024 20:40	0.0	0	0	0.0	0.00
25/05/2024 20:50	0.0	0	0	0.0	0.00
25/05/2024 21:00	0.0	0	0	0.0	0.00
25/05/2024 21:10	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 21:20	0.0	0	0	0.0	0.00
25/05/2024 21:30	0.0	0	0	0.0	0.00
25/05/2024 21:40	0.0	0	0	0.0	0.00
25/05/2024 21:50	1.1	250	9	2.3	0.00
25/05/2024 22:00	0.7	239	8	2.0	0.00
25/05/2024 22:10	1.1	234	12	1.6	0.00
25/05/2024 22:20	0.0	0	0	0.0	0.00
25/05/2024 22:30	0.0	0	0	0.0	0.00
25/05/2024 22:40	0.0	0	0	0.0	0.00
25/05/2024 22:50	0.0	0	0	0.0	0.00
25/05/2024 23:00	0.0	0	0	0.0	0.00
25/05/2024 23:10	0.0	0	0	0.0	0.00
25/05/2024 23:20	0.0	0	0	0.0	0.00
25/05/2024 23:30	0.0	0	0	0.0	0.00
25/05/2024 23:40	0.0	0	0	0.0	0.00
25/05/2024 23:50	0.0	0	0	0.0	0.00
26/05/2024 00:00	0.0	0	0	0.0	0.00
26/05/2024 00:10	0.0	0	0	0.0	0.00
26/05/2024 00:20	0.0	0	0	0.0	0.00
26/05/2024 00:30	0.0	0	0	0.0	0.00
26/05/2024 00:40	0.0	0	0	0.0	0.00
26/05/2024 00:50	0.0	0	0	0.0	0.00
26/05/2024 01:00	0.0	0	0	0.0	0.00
26/05/2024 01:10	0.0	0	0	0.0	0.00
26/05/2024 01:20	0.1	130	3	1.0	0.00
26/05/2024 01:30	0.2	54	4	0.8	0.00
26/05/2024 01:40	0.1	100	4	1.1	0.00
26/05/2024 01:50	0.1	64	4	0.7	0.00
26/05/2024 02:00	0.0	0	0	0.0	0.00
26/05/2024 02:10	0.0	0	0	0.0	0.00
26/05/2024 02:20	0.0	0	0	0.0	0.00
26/05/2024 02:30	0.9	46	4	1.3	0.00
26/05/2024 02:40	1.8	88	9	2.4	0.00
26/05/2024 02:50	1.7	89	8	2.2	0.00
26/05/2024 03:00	1.6	91	10	2.2	0.00
26/05/2024 03:10	1.4	93	10	2.3	0.00
26/05/2024 03:20	0.9	87	12	1.6	0.00
26/05/2024 03:30	1.4	90	12	2.4	0.00
26/05/2024 03:40	2.1	95	9	2.8	0.00
26/05/2024 03:50	2.2	94	9	3.2	0.00
26/05/2024 04:00	1.2	88	7	2.0	0.00
26/05/2024 04:10	0.2	39	1	1.0	0.00
26/05/2024 04:20	1.0	85	8	2.1	0.00
26/05/2024 04:30	0.6	40	5	1.1	0.00
26/05/2024 04:40	1.9	86	9	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 04:50	2.1	87	10	3.2	0.00
26/05/2024 05:00	2.8	81	10	4.1	0.00
26/05/2024 05:10	2.9	82	9	3.9	0.00
26/05/2024 05:20	2.8	83	10	3.6	0.00
26/05/2024 05:30	2.8	85	9	4.0	0.00
26/05/2024 05:40	2.8	83	10	3.8	0.00
26/05/2024 05:50	2.7	84	9	3.8	0.00
26/05/2024 06:00	2.8	80	11	3.8	0.00
26/05/2024 06:10	2.7	79	9	3.4	0.00
26/05/2024 06:20	3.0	79	10	4.0	0.00
26/05/2024 06:30	3.3	85	11	4.8	0.00
26/05/2024 06:40	3.2	81	9	4.5	0.00
26/05/2024 06:50	3.1	83	10	4.2	0.00
26/05/2024 07:00	3.1	84	8	4.2	0.00
26/05/2024 07:10	2.8	85	9	4.0	0.00
26/05/2024 07:20	2.6	84	9	3.5	0.00
26/05/2024 07:30	2.8	85	9	3.8	0.00
26/05/2024 07:40	2.9	84	11	3.7	0.00
26/05/2024 07:50	3.2	89	9	4.4	0.00
26/05/2024 08:00	3.3	88	10	4.5	0.00
26/05/2024 08:10	3.8	88	11	5.4	0.00
26/05/2024 08:20	3.9	91	11	5.3	0.00
26/05/2024 08:30	3.7	91	13	5.4	0.00
26/05/2024 08:40	4.1	94	11	5.9	0.00
26/05/2024 08:50	4.0	91	12	5.8	0.00
26/05/2024 09:00	4.4	95	10	5.6	0.00
26/05/2024 09:10	3.9	100	11	5.2	0.00
26/05/2024 09:20	3.9	95	13	5.4	0.00
26/05/2024 09:30	4.5	86	11	6.2	0.00
26/05/2024 09:40	4.8	84	11	6.7	0.00
26/05/2024 09:50	5.3	81	12	7.2	0.00
26/05/2024 10:00	5.4	80	11	7.9	0.00
26/05/2024 10:10	5.6	82	11	7.9	0.00
26/05/2024 10:20	5.4	78	11	7.4	0.00
26/05/2024 10:30	5.2	76	11	7.1	0.00
26/05/2024 10:40	5.4	83	11	8.4	0.00
26/05/2024 10:50	5.4	77	12	7.9	0.00
26/05/2024 11:00	4.8	74	11	6.8	0.00
26/05/2024 11:10	5.1	76	11	6.9	0.00
26/05/2024 11:20	5.2	75	11	7.0	0.00
26/05/2024 11:30	5.1	74	11	6.8	0.00
26/05/2024 11:40	4.7	78	13	6.5	0.00
26/05/2024 11:50	5.3	72	11	7.5	0.00
26/05/2024 12:00	5.0	72	13	6.8	0.00
26/05/2024 12:10	5.0	76	13	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 12:20	4.9	80	13	7.2	0.00
26/05/2024 12:30	5.1	74	13	7.2	0.00
26/05/2024 12:40	5.3	77	13	7.3	0.00
26/05/2024 12:50	5.2	70	14	7.2	0.00
26/05/2024 13:00	4.8	63	12	7.2	0.00
26/05/2024 13:10	5.1	61	14	6.8	0.00
26/05/2024 13:20	5.4	61	12	7.5	0.00
26/05/2024 13:30	5.1	59	13	6.9	0.00
26/05/2024 13:40	5.4	65	12	7.5	0.00
26/05/2024 13:50	5.0	63	14	6.8	0.00
26/05/2024 14:00	5.2	60	13	7.4	0.00
26/05/2024 14:10	5.5	56	12	7.2	0.00
26/05/2024 14:20	5.7	59	12	7.7	0.00
26/05/2024 14:30	5.4	59	13	7.3	0.00
26/05/2024 14:40	5.5	58	13	7.4	0.00
26/05/2024 14:50	5.1	50	13	6.5	0.00
26/05/2024 15:00	5.1	52	13	6.9	0.00
26/05/2024 15:10	4.6	43	13	6.1	0.00
26/05/2024 15:20	4.5	54	14	6.3	0.00
26/05/2024 15:30	4.2	51	15	6.0	0.00
26/05/2024 15:40	4.3	54	12	6.0	0.00
26/05/2024 15:50	4.5	44	13	5.8	0.00
26/05/2024 16:00	4.3	39	13	6.2	0.00
26/05/2024 16:10	4.2	51	12	6.4	0.00
26/05/2024 16:20	3.8	41	12	5.3	0.00
26/05/2024 16:30	3.5	28	14	5.1	0.00
26/05/2024 16:40	2.9	22	18	4.6	0.00
26/05/2024 16:50	3.4	29	15	5.1	0.00
26/05/2024 17:00	3.6	32	12	4.8	0.00
26/05/2024 17:10	3.6	36	14	4.8	0.00
26/05/2024 17:20	3.6	36	12	4.9	0.00
26/05/2024 17:30	3.5	37	13	5.0	0.00
26/05/2024 17:40	3.0	35	13	4.4	0.00
26/05/2024 17:50	2.1	29	14	3.4	0.00
26/05/2024 18:00	0.1	4	2	1.2	0.00
26/05/2024 18:10	1.2	9	16	2.8	0.00
26/05/2024 18:20	1.8	357	19	3.2	0.00
26/05/2024 18:30	1.6	183	22	2.7	0.00
26/05/2024 18:40	1.9	176	15	2.8	0.00
26/05/2024 18:50	1.6	13	15	2.6	0.00
26/05/2024 19:00	1.6	26	12	2.6	0.00
26/05/2024 19:10	0.1	11	2	0.6	0.00
26/05/2024 19:20	0.0	0	0	0.0	0.00
26/05/2024 19:30	0.0	0	0	0.0	0.00
26/05/2024 19:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 19:50	0.0	0	0	0.0	0.00
26/05/2024 20:00	0.0	0	0	0.0	0.00
26/05/2024 20:10	0.0	0	0	0.0	0.00
26/05/2024 20:20	0.0	0	0	0.0	0.00
26/05/2024 20:30	0.0	0	0	0.0	0.00
26/05/2024 20:40	0.0	0	0	0.0	0.00
26/05/2024 20:50	0.0	0	0	0.0	0.00
26/05/2024 21:00	0.0	0	0	0.0	0.00
26/05/2024 21:10	0.0	0	0	0.0	0.00
26/05/2024 21:20	0.0	0	0	0.0	0.00
26/05/2024 21:30	0.0	0	0	0.0	0.00
26/05/2024 21:40	0.0	0	0	0.0	0.00
26/05/2024 21:50	0.0	0	0	0.0	0.00
26/05/2024 22:00	0.0	78	2	0.6	0.00
26/05/2024 22:10	0.0	0	0	0.0	0.00
26/05/2024 22:20	0.0	0	0	0.0	0.00
26/05/2024 22:30	0.0	0	0	0.0	0.00
26/05/2024 22:40	0.0	0	0	0.0	0.00
26/05/2024 22:50	0.0	0	0	0.0	0.00
26/05/2024 23:00	0.3	30	4	0.9	0.00
26/05/2024 23:10	0.7	205	13	1.6	0.00
26/05/2024 23:20	0.1	27	5	0.5	0.00
26/05/2024 23:30	0.0	0	0	0.0	0.00
26/05/2024 23:40	0.0	0	0	0.0	0.00
26/05/2024 23:50	0.0	0	0	0.0	0.00
27/05/2024 00:00	0.0	0	0	0.0	0.00
27/05/2024 00:10	0.0	0	0	0.0	0.00
27/05/2024 00:20	0.1	150	6	0.5	0.00
27/05/2024 00:30	0.0	0	0	0.0	0.00
27/05/2024 00:40	0.0	0	0	0.0	0.00
27/05/2024 00:50	0.0	0	0	0.0	0.00
27/05/2024 01:00	0.0	0	0	0.0	0.00
27/05/2024 01:10	0.0	0	0	0.0	0.00
27/05/2024 01:20	0.0	0	0	0.0	0.00
27/05/2024 01:30	0.0	111	0	0.8	0.00
27/05/2024 01:40	1.1	238	13	1.9	0.00
27/05/2024 01:50	0.0	137	0	0.3	0.00
27/05/2024 02:00	0.0	0	0	0.0	0.00
27/05/2024 02:10	0.0	0	0	0.0	0.00
27/05/2024 02:20	0.0	0	0	0.0	0.00
27/05/2024 02:30	0.0	0	0	0.0	0.00
27/05/2024 02:40	0.0	0	0	0.0	0.00
27/05/2024 02:50	0.0	0	0	0.0	0.00
27/05/2024 03:00	0.1	52	0	1.5	0.00
27/05/2024 03:10	0.4	53	15	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 03:20	0.0	0	0	0.0	0.00
27/05/2024 03:30	0.0	0	0	0.0	0.00
27/05/2024 03:40	0.9	89	5	2.2	0.00
27/05/2024 03:50	0.0	0	0	0.0	0.00
27/05/2024 04:00	0.0	0	0	0.0	0.00
27/05/2024 04:10	0.0	0	0	0.0	0.00
27/05/2024 04:20	0.0	0	0	0.0	0.00
27/05/2024 04:30	0.0	0	0	0.0	0.00
27/05/2024 04:40	0.0	0	0	0.0	0.00
27/05/2024 04:50	0.4	44	3	1.4	0.00
27/05/2024 05:00	1.6	83	8	2.1	0.00
27/05/2024 05:10	1.1	81	7	1.7	0.00
27/05/2024 05:20	0.6	71	4	1.6	0.00
27/05/2024 05:30	0.1	33	2	0.6	0.00
27/05/2024 05:40	0.0	0	0	0.0	0.00
27/05/2024 05:50	0.0	0	0	0.0	0.00
27/05/2024 06:00	0.0	0	0	0.0	0.00
27/05/2024 06:10	0.0	0	0	0.0	0.00
27/05/2024 06:20	0.0	0	0	0.0	0.00
27/05/2024 06:30	0.0	0	0	0.0	0.00
27/05/2024 06:40	0.0	0	0	0.0	0.00
27/05/2024 06:50	0.0	0	0	0.0	0.00
27/05/2024 07:00	0.0	0	0	0.0	0.00
27/05/2024 07:10	1.2	72	6	2.8	0.00
27/05/2024 07:20	2.4	66	7	2.9	0.00
27/05/2024 07:30	2.4	63	6	2.9	0.00
27/05/2024 07:40	2.5	64	6	2.9	0.00
27/05/2024 07:50	2.6	70	7	3.2	0.00
27/05/2024 08:00	2.5	76	9	3.3	0.00
27/05/2024 08:10	2.4	77	10	3.3	0.00
27/05/2024 08:20	3.0	78	9	4.0	0.00
27/05/2024 08:30	3.0	77	9	4.0	0.00
27/05/2024 08:40	2.9	76	10	4.0	0.00
27/05/2024 08:50	2.9	75	11	4.1	0.00
27/05/2024 09:00	2.9	80	13	4.4	0.00
27/05/2024 09:10	3.3	91	10	4.6	0.00
27/05/2024 09:20	3.4	79	13	4.2	0.00
27/05/2024 09:30	3.2	81	12	4.2	0.00
27/05/2024 09:40	3.1	83	13	4.3	0.00
27/05/2024 09:50	3.1	90	13	4.4	0.00
27/05/2024 10:00	2.6	93	15	3.4	0.00
27/05/2024 10:10	3.3	94	12	4.4	0.00
27/05/2024 10:20	3.4	82	14	5.0	0.00
27/05/2024 10:30	4.0	89	13	5.6	0.00
27/05/2024 10:40	4.1	77	11	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 10:50	4.3	79	14	5.8	0.00
27/05/2024 11:00	5.1	84	13	7.5	0.00
27/05/2024 11:10	4.8	86	13	6.8	0.00
27/05/2024 11:20	5.3	70	12	7.5	0.00
27/05/2024 11:30	5.7	73	10	7.5	0.00
27/05/2024 11:40	5.2	72	13	7.5	0.00
27/05/2024 11:50	5.9	67	14	8.2	0.00
27/05/2024 12:00	5.5	76	12	7.7	0.00
27/05/2024 12:10	5.4	75	12	7.1	0.00
27/05/2024 12:20	5.3	76	12	7.5	0.00
27/05/2024 12:30	5.1	75	12	7.1	0.00
27/05/2024 12:40	5.3	66	13	7.0	0.00
27/05/2024 12:50	4.9	74	13	6.6	0.00
27/05/2024 13:00	5.2	72	10	7.4	0.00
27/05/2024 13:10	4.9	66	15	6.5	0.00
27/05/2024 13:20	4.8	71	13	6.8	0.00
27/05/2024 13:30	5.3	73	12	7.2	0.00
27/05/2024 13:40	5.1	69	12	7.5	0.00
27/05/2024 13:50	5.0	69	13	7.0	0.00
27/05/2024 14:00	4.5	66	15	7.0	0.00
27/05/2024 14:10	5.1	68	14	6.8	0.00
27/05/2024 14:20	4.6	64	12	6.3	0.00
27/05/2024 14:30	4.8	69	11	6.8	0.00
27/05/2024 14:40	4.5	61	13	6.2	0.00
27/05/2024 14:50	4.7	54	13	6.2	0.00
27/05/2024 15:00	4.9	51	12	6.6	0.00
27/05/2024 15:10	4.7	50	12	6.4	0.00
27/05/2024 15:20	5.0	64	13	6.7	0.00
27/05/2024 15:30	4.8	63	13	6.9	0.00
27/05/2024 15:40	4.2	58	14	5.9	0.00
27/05/2024 15:50	4.2	49	11	5.6	0.00
27/05/2024 16:00	4.4	50	14	6.0	0.00
27/05/2024 16:10	4.5	40	13	6.2	0.00
27/05/2024 16:20	4.2	33	13	5.7	0.00
27/05/2024 16:30	4.3	38	13	5.7	0.00
27/05/2024 16:40	4.1	32	11	5.7	0.00
27/05/2024 16:50	3.7	31	12	4.9	0.00
27/05/2024 17:00	3.7	34	13	5.0	0.00
27/05/2024 17:10	3.1	30	13	4.4	0.00
27/05/2024 17:20	2.4	185	19	3.5	0.00
27/05/2024 17:30	2.3	351	16	3.9	0.00
27/05/2024 17:40	2.4	354	17	3.6	0.00
27/05/2024 17:50	2.4	186	18	3.9	0.00
27/05/2024 18:00	2.2	184	19	3.3	0.00
27/05/2024 18:10	2.2	342	16	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 18:20	2.7	350	16	4.1	0.00
27/05/2024 18:30	2.9	341	16	4.1	0.00
27/05/2024 18:40	3.0	348	16	4.3	0.00
27/05/2024 18:50	2.9	342	14	4.1	0.00
27/05/2024 19:00	2.5	36	14	3.6	0.00
27/05/2024 19:10	2.9	42	10	3.9	0.00
27/05/2024 19:20	2.7	24	16	4.0	0.00
27/05/2024 19:30	2.5	9	16	3.6	0.00
27/05/2024 19:40	3.2	32	13	4.2	0.00
27/05/2024 19:50	2.8	13	18	3.9	0.00
27/05/2024 20:00	2.9	7	14	4.0	0.00
27/05/2024 20:10	2.6	178	15	3.6	0.00
27/05/2024 20:20	2.9	35	13	4.0	0.00
27/05/2024 20:30	2.6	23	14	3.9	0.00
27/05/2024 20:40	2.5	14	16	3.6	0.00
27/05/2024 20:50	2.8	6	16	4.0	0.00
27/05/2024 21:00	2.9	10	15	4.6	0.00
27/05/2024 21:10	2.6	20	20	4.2	0.00
27/05/2024 21:20	2.6	21	19	3.6	0.00
27/05/2024 21:30	2.4	14	16	3.6	0.00
27/05/2024 21:40	2.4	10	14	3.4	0.00
27/05/2024 21:50	2.2	11	13	3.1	0.00
27/05/2024 22:00	2.4	11	16	3.5	0.00
27/05/2024 22:10	2.2	30	16	3.3	0.00
27/05/2024 22:20	1.8	29	23	2.7	0.00
27/05/2024 22:30	2.2	16	18	3.3	0.00
27/05/2024 22:40	2.4	19	13	3.4	0.00
27/05/2024 22:50	1.6	15	14	3.1	0.00
27/05/2024 23:00	1.0	105	21	2.6	0.00
27/05/2024 23:10	0.6	247	11	2.4	0.00
27/05/2024 23:20	0.0	0	0	0.0	0.00
27/05/2024 23:30	0.0	0	0	0.0	0.00
27/05/2024 23:40	0.0	0	0	0.0	0.00
27/05/2024 23:50	0.0	0	0	0.0	0.00
28/05/2024 00:00	0.0	0	0	0.0	0.00
28/05/2024 00:10	0.0	0	0	0.0	0.00
28/05/2024 00:20	0.3	239	2	1.4	0.00
28/05/2024 00:30	0.0	0	0	0.0	0.00
28/05/2024 00:40	0.0	0	0	0.0	0.00
28/05/2024 00:50	0.0	0	0	0.0	0.00
28/05/2024 01:00	0.0	0	0	0.0	0.00
28/05/2024 01:10	0.0	0	0	0.0	0.00
28/05/2024 01:20	0.0	0	0	0.0	0.00
28/05/2024 01:30	0.0	0	0	0.0	0.00
28/05/2024 01:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 01:50	0.0	0	0	0.0	0.00
28/05/2024 02:00	0.0	0	0	0.0	0.00
28/05/2024 02:10	0.0	0	0	0.0	0.00
28/05/2024 02:20	0.0	0	0	0.0	0.00
28/05/2024 02:30	0.0	0	0	0.0	0.00
28/05/2024 02:40	0.0	0	0	0.0	0.00
28/05/2024 02:50	0.0	0	0	0.0	0.00
28/05/2024 03:00	0.0	0	0	0.0	0.00
28/05/2024 03:10	0.0	0	0	0.0	0.00
28/05/2024 03:20	0.0	0	0	0.0	0.00
28/05/2024 03:30	0.0	0	0	0.0	0.00
28/05/2024 03:40	0.0	0	0	0.0	0.00
28/05/2024 03:50	0.0	0	0	0.0	0.00
28/05/2024 04:00	0.0	0	0	0.0	0.00
28/05/2024 04:10	0.0	0	0	0.0	0.00
28/05/2024 04:20	0.0	0	0	0.0	0.00
28/05/2024 04:30	1.4	89	9	2.8	0.00
28/05/2024 04:40	2.1	90	11	2.9	0.00
28/05/2024 04:50	2.0	81	12	2.9	0.00
28/05/2024 05:00	0.6	91	14	1.5	0.00
28/05/2024 05:10	0.3	22	3	0.9	0.00
28/05/2024 05:20	0.4	31	5	0.9	0.00
28/05/2024 05:30	0.0	0	0	0.0	0.00
28/05/2024 05:40	0.0	0	0	0.0	0.00
28/05/2024 05:50	0.0	0	0	0.0	0.00
28/05/2024 06:00	0.0	0	0	0.0	0.00
28/05/2024 06:10	0.5	97	9	1.6	0.00
28/05/2024 06:20	0.1	41	2	0.5	0.00
28/05/2024 06:30	0.0	0	0	0.0	0.00
28/05/2024 06:40	0.0	0	0	0.0	0.00
28/05/2024 06:50	0.0	0	0	0.0	0.00
28/05/2024 07:00	0.0	0	0	0.0	0.00
28/05/2024 07:10	0.0	0	0	0.0	0.00
28/05/2024 07:20	0.0	0	0	0.0	0.00
28/05/2024 07:30	0.0	0	0	0.0	0.00
28/05/2024 07:40	0.0	0	0	0.0	0.00
28/05/2024 07:50	0.5	211	8	1.5	0.00
28/05/2024 08:00	0.4	114	5	0.7	0.00
28/05/2024 08:10	0.0	0	0	0.0	0.00
28/05/2024 08:20	0.0	0	0	0.0	0.00
28/05/2024 08:30	0.0	0	0	0.0	0.00
28/05/2024 08:40	0.6	75	11	2.1	0.00
28/05/2024 08:50	2.4	77	11	3.2	0.00
28/05/2024 09:00	2.7	77	10	3.8	0.00
28/05/2024 09:10	2.7	75	12	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 09:20	2.9	77	10	3.8	0.00
28/05/2024 09:30	2.4	75	12	3.2	0.00
28/05/2024 09:40	2.8	83	14	3.7	0.00
28/05/2024 09:50	3.0	86	13	3.9	0.00
28/05/2024 10:00	2.6	86	12	3.6	0.00
28/05/2024 10:10	1.7	98	13	2.9	0.00
28/05/2024 10:20	0.3	40	3	1.6	0.00
28/05/2024 10:30	1.3	84	28	2.1	0.00
28/05/2024 10:40	0.2	48	6	0.9	0.00
28/05/2024 10:50	0.0	0	0	0.0	0.00
28/05/2024 11:00	0.0	0	0	0.0	0.00
28/05/2024 11:10	0.0	0	0	0.0	0.00
28/05/2024 11:20	0.2	139	3	1.3	0.00
28/05/2024 11:30	0.0	0	0	0.0	0.00
28/05/2024 11:40	0.2	125	7	1.0	0.00
28/05/2024 11:50	2.3	263	24	5.1	0.00
28/05/2024 12:00	1.7	300	30	3.9	0.00
28/05/2024 12:10	2.5	289	17	4.0	0.00
28/05/2024 12:20	3.8	273	17	5.6	0.00
28/05/2024 12:30	4.0	284	10	5.2	0.00
28/05/2024 12:40	3.7	266	17	5.2	0.00
28/05/2024 12:50	3.3	267	18	4.9	0.00
28/05/2024 13:00	2.8	280	18	4.2	0.00
28/05/2024 13:10	2.8	290	22	4.0	0.00
28/05/2024 13:20	2.4	163	27	3.9	0.00
28/05/2024 13:30	3.0	2	20	4.4	0.00
28/05/2024 13:40	3.1	7	18	4.8	0.00
28/05/2024 13:50	3.4	345	25	5.3	0.00
28/05/2024 14:00	2.2	164	26	3.8	0.00
28/05/2024 14:10	3.2	9	20	4.8	0.00
28/05/2024 14:20	4.0	186	19	5.6	0.00
28/05/2024 14:30	3.7	180	23	5.4	0.00
28/05/2024 14:40	3.9	354	22	6.0	0.00
28/05/2024 14:50	3.7	353	27	6.0	0.00
28/05/2024 15:00	3.4	180	21	4.6	0.00
28/05/2024 15:10	3.8	9	17	5.6	0.00
28/05/2024 15:20	4.1	182	15	5.3	0.00
28/05/2024 15:30	3.4	176	18	4.8	0.00
28/05/2024 15:40	3.3	17	16	4.5	0.00
28/05/2024 15:50	2.7	11	17	4.1	0.00
28/05/2024 16:00	2.7	179	27	4.3	0.00
28/05/2024 16:10	1.8	320	30	3.5	0.00
28/05/2024 16:20	2.4	304	26	4.1	0.00
28/05/2024 16:30	2.3	309	20	3.6	0.00
28/05/2024 16:40	1.7	170	28	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 16:50	2.5	14	23	3.7	0.00
28/05/2024 17:00	1.7	325	38	3.0	0.00
28/05/2024 17:10	1.9	181	29	3.2	0.00
28/05/2024 17:20	2.1	15	20	3.1	0.00
28/05/2024 17:30	1.8	8	30	2.9	0.00
28/05/2024 17:40	1.3	190	23	2.8	0.00
28/05/2024 17:50	2.2	16	20	3.4	0.00
28/05/2024 18:00	2.4	18	14	3.6	0.00
28/05/2024 18:10	2.4	15	19	4.0	0.00
28/05/2024 18:20	2.7	12	16	4.0	0.00
28/05/2024 18:30	2.6	18	16	3.9	0.00
28/05/2024 18:40	2.7	20	18	4.0	0.00
28/05/2024 18:50	2.5	11	20	3.8	0.00
28/05/2024 19:00	2.4	16	17	3.7	0.00
28/05/2024 19:10	2.3	19	16	3.6	0.00
28/05/2024 19:20	2.2	11	17	3.4	0.00
28/05/2024 19:30	1.8	13	13	3.4	0.00
28/05/2024 19:40	2.6	15	17	4.2	0.00
28/05/2024 19:50	2.6	10	18	3.7	0.00
28/05/2024 20:00	2.3	13	18	3.9	0.00
28/05/2024 20:10	2.3	16	19	3.6	0.00
28/05/2024 20:20	2.2	6	20	3.5	0.00
28/05/2024 20:30	1.4	173	20	2.5	0.00
28/05/2024 20:40	0.7	306	26	2.3	0.00
28/05/2024 20:50	0.7	304	37	2.1	0.00
28/05/2024 21:00	1.0	259	22	2.0	0.00
28/05/2024 21:10	0.9	231	7	2.2	0.00
28/05/2024 21:20	0.9	118	4	1.5	0.00
28/05/2024 21:30	2.3	240	11	3.3	0.00
28/05/2024 21:40	2.5	248	11	3.2	0.00
28/05/2024 21:50	2.6	250	8	3.2	0.00
28/05/2024 22:00	2.0	238	13	2.8	0.00
28/05/2024 22:10	2.2	224	15	3.6	0.00
28/05/2024 22:20	1.9	226	13	2.9	0.00
28/05/2024 22:30	2.5	222	12	3.7	0.00
28/05/2024 22:40	2.2	221	13	3.2	0.00
28/05/2024 22:50	2.1	222	11	2.8	0.00
28/05/2024 23:00	1.5	228	14	2.6	0.00
28/05/2024 23:10	2.3	233	13	3.5	0.00
28/05/2024 23:20	3.0	236	12	4.1	0.00
28/05/2024 23:30	4.5	238	11	6.1	0.00
28/05/2024 23:40	5.0	239	13	8.0	0.00
28/05/2024 23:50	4.7	235	15	7.2	0.10
29/05/2024 00:00	5.2	237	14	7.1	0.10
29/05/2024 00:10	5.4	234	13	8.1	0.30



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 00:20	4.8	236	14	6.7	0.20
29/05/2024 00:30	6.1	249	12	9.0	0.00
29/05/2024 00:40	5.9	250	12	8.0	0.00
29/05/2024 00:50	4.3	246	13	5.9	0.00
29/05/2024 01:00	3.8	248	13	5.4	0.00
29/05/2024 01:10	4.2	251	12	6.0	0.00
29/05/2024 01:20	4.3	237	15	6.8	0.00
29/05/2024 01:30	4.9	236	13	6.9	0.00
29/05/2024 01:40	4.3	232	13	6.4	0.10
29/05/2024 01:50	4.1	231	13	5.9	0.10
29/05/2024 02:00	4.0	236	13	5.9	0.10
29/05/2024 02:10	3.2	240	12	4.5	0.10
29/05/2024 02:20	3.5	236	12	5.3	0.20
29/05/2024 02:30	3.3	235	12	5.0	0.10
29/05/2024 02:40	5.1	238	13	6.9	0.10
29/05/2024 02:50	5.2	243	12	7.5	0.10
29/05/2024 03:00	4.0	246	10	5.7	0.30
29/05/2024 03:10	2.9	249	10	4.0	0.10
29/05/2024 03:20	1.9	243	10	2.8	0.00
29/05/2024 03:30	0.6	131	10	1.6	0.10
29/05/2024 03:40	0.5	163	8	1.5	0.00
29/05/2024 03:50	0.2	168	6	0.6	0.20
29/05/2024 04:00	0.7	11	16	2.3	0.20
29/05/2024 04:10	1.7	11	19	2.9	0.20
29/05/2024 04:20	0.8	216	42	1.6	0.20
29/05/2024 04:30	0.7	130	65	2.8	0.20
29/05/2024 04:40	0.8	301	17	3.2	0.00
29/05/2024 04:50	3.4	286	14	4.7	0.10
29/05/2024 05:00	3.1	267	15	4.4	0.00
29/05/2024 05:10	2.8	285	16	4.0	0.20
29/05/2024 05:20	2.3	304	23	3.9	0.00
29/05/2024 05:30	2.0	302	20	3.5	0.10
29/05/2024 05:40	2.3	301	16	3.8	0.10
29/05/2024 05:50	2.3	297	16	3.9	0.00
29/05/2024 06:00	3.0	282	16	4.4	0.00
29/05/2024 06:10	3.2	265	15	4.7	0.00
29/05/2024 06:20	3.2	257	10	4.0	0.00
29/05/2024 06:30	2.8	256	8	3.6	0.00
29/05/2024 06:40	2.7	257	10	3.6	0.00
29/05/2024 06:50	2.9	254	11	3.8	0.00
29/05/2024 07:00	1.6	243	8	2.6	0.00
29/05/2024 07:10	0.0	0	0	0.0	0.00
29/05/2024 07:20	0.0	105	0	0.2	0.00
29/05/2024 07:30	0.5	220	17	1.3	0.00
29/05/2024 07:40	0.6	223	15	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 07:50	1.5	213	16	2.9	0.00
29/05/2024 08:00	1.9	220	16	3.0	0.00
29/05/2024 08:10	1.7	216	20	2.5	0.00
29/05/2024 08:20	1.7	216	15	2.5	0.10
29/05/2024 08:30	1.3	211	34	2.8	0.00
29/05/2024 08:40	1.9	212	18	2.7	0.00
29/05/2024 08:50	0.9	203	15	2.0	0.20
29/05/2024 09:00	1.4	212	23	2.4	0.00
29/05/2024 09:10	0.2	108	4	0.6	0.00
29/05/2024 09:20	0.1	106	5	1.0	0.00
29/05/2024 09:30	2.0	211	25	3.1	0.00
29/05/2024 09:40	1.0	184	76	2.0	0.00
29/05/2024 09:50	1.1	122	59	2.2	0.00
29/05/2024 10:00	0.5	212	32	1.2	0.00
29/05/2024 10:10	0.9	216	24	2.4	0.00
29/05/2024 10:20	1.3	238	66	2.6	0.00
29/05/2024 10:30	1.6	200	58	2.6	0.00
29/05/2024 10:40	1.6	165	67	2.8	0.00
29/05/2024 10:50	1.5	156	78	3.2	0.00
29/05/2024 11:00	2.5	226	48	4.5	0.00
29/05/2024 11:10	2.9	210	25	4.4	0.00
29/05/2024 11:20	3.3	210	23	4.7	0.00
29/05/2024 11:30	3.1	214	30	4.5	0.00
29/05/2024 11:40	2.9	212	40	5.2	0.00
29/05/2024 11:50	2.5	215	30	3.9	0.00
29/05/2024 12:00	2.6	213	53	4.6	0.00
29/05/2024 12:10	2.8	221	57	5.1	0.00
29/05/2024 12:20	3.3	207	50	5.5	0.00
29/05/2024 12:30	1.7	126	76	3.9	0.00
29/05/2024 12:40	1.9	208	77	3.3	0.00
29/05/2024 12:50	2.1	129	58	4.4	0.00
29/05/2024 13:00	2.1	143	53	4.3	0.00
29/05/2024 13:10	1.7	127	86	3.5	0.00
29/05/2024 13:20	2.0	148	65	4.0	0.00
29/05/2024 13:30	1.9	228	69	3.6	0.00
29/05/2024 13:40	2.2	135	55	3.9	0.00
29/05/2024 13:50	1.7	194	75	3.8	0.00
29/05/2024 14:00	1.7	223	54	3.2	0.30
29/05/2024 14:10	1.0	190	46	2.4	0.20
29/05/2024 14:20	1.0	134	17	2.3	0.00
29/05/2024 14:30	1.3	147	35	2.2	0.00
29/05/2024 14:40	0.8	183	37	2.2	0.00
29/05/2024 14:50	1.4	109	23	2.1	0.00
29/05/2024 15:00	1.1	115	19	2.3	0.00
29/05/2024 15:10	1.0	91	16	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 15:20	1.7	93	27	2.9	0.00
29/05/2024 15:30	0.9	123	18	1.8	0.00
29/05/2024 15:40	0.2	146	14	1.4	0.00
29/05/2024 15:50	1.0	128	20	2.2	0.00
29/05/2024 16:00	0.1	42	4	0.7	0.00
29/05/2024 16:10	0.5	142	6	0.9	0.00
29/05/2024 16:20	1.9	292	13	2.5	0.00
29/05/2024 16:30	1.4	317	23	2.2	0.00
29/05/2024 16:40	0.8	337	23	1.8	0.00
29/05/2024 16:50	1.6	180	13	2.3	0.00
29/05/2024 17:00	2.2	181	16	3.1	0.00
29/05/2024 17:10	2.3	13	18	3.5	0.00
29/05/2024 17:20	2.2	11	19	3.4	0.00
29/05/2024 17:30	2.3	28	14	3.3	0.00
29/05/2024 17:40	1.5	22	17	2.6	0.00
29/05/2024 17:50	1.2	26	20	2.5	0.00
29/05/2024 18:00	2.2	31	16	3.4	0.00
29/05/2024 18:10	2.1	43	15	2.9	0.00
29/05/2024 18:20	1.7	27	20	2.9	0.00
29/05/2024 18:30	2.4	41	16	4.0	0.00
29/05/2024 18:40	1.6	38	13	2.9	0.00
29/05/2024 18:50	0.7	22	4	1.7	0.00
29/05/2024 19:00	1.0	44	12	2.8	0.00
29/05/2024 19:10	0.5	15	8	1.3	0.00
29/05/2024 19:20	1.0	14	18	2.4	0.00
29/05/2024 19:30	1.5	54	20	2.9	0.00
29/05/2024 19:40	2.2	67	11	3.4	0.00
29/05/2024 19:50	3.0	50	12	3.9	0.00
29/05/2024 20:00	2.4	36	15	3.6	0.00
29/05/2024 20:10	2.4	38	16	3.7	0.00
29/05/2024 20:20	2.0	30	19	3.2	0.00
29/05/2024 20:30	2.3	43	14	3.3	0.00
29/05/2024 20:40	2.6	48	15	3.7	0.00
29/05/2024 20:50	2.3	42	14	4.0	0.00
29/05/2024 21:00	2.8	41	11	4.0	0.00
29/05/2024 21:10	2.4	46	12	3.4	0.00
29/05/2024 21:20	1.6	61	15	2.2	0.00
29/05/2024 21:30	1.8	48	12	2.5	0.00
29/05/2024 21:40	2.0	51	12	2.8	0.00
29/05/2024 21:50	0.9	54	17	2.0	0.00
29/05/2024 22:00	0.0	0	0	0.0	0.00
29/05/2024 22:10	0.0	0	0	0.0	0.00
29/05/2024 22:20	0.7	59	10	1.7	0.00
29/05/2024 22:30	1.4	70	11	2.1	0.00
29/05/2024 22:40	1.4	60	9	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 22:50	0.2	20	4	0.7	0.00
29/05/2024 23:00	0.1	112	5	0.5	0.00
29/05/2024 23:10	0.0	0	0	0.0	0.00
29/05/2024 23:20	0.0	0	0	0.0	0.00
29/05/2024 23:30	0.2	35	2	0.5	0.00
29/05/2024 23:40	0.0	0	0	0.0	0.00
29/05/2024 23:50	0.0	0	0	0.0	0.00
30/05/2024 00:00	0.0	0	0	0.0	0.00
30/05/2024 00:10	0.0	0	0	0.0	0.00
30/05/2024 00:20	0.0	0	0	0.0	0.00
30/05/2024 00:30	1.5	82	8	2.2	0.00
30/05/2024 00:40	1.4	78	8	2.0	0.00
30/05/2024 00:50	1.1	69	5	1.7	0.00
30/05/2024 01:00	0.0	0	0	0.0	0.00
30/05/2024 01:10	1.1	82	5	2.4	0.00
30/05/2024 01:20	1.5	76	8	2.0	0.00
30/05/2024 01:30	1.9	79	10	2.7	0.00
30/05/2024 01:40	2.3	83	10	3.1	0.00
30/05/2024 01:50	1.8	82	10	2.5	0.00
30/05/2024 02:00	1.9	85	10	2.8	0.00
30/05/2024 02:10	2.5	83	11	3.3	0.00
30/05/2024 02:20	2.6	83	10	3.3	0.00
30/05/2024 02:30	2.5	82	12	3.4	0.00
30/05/2024 02:40	2.0	89	12	2.8	0.00
30/05/2024 02:50	2.1	84	10	2.8	0.00
30/05/2024 03:00	2.4	85	8	3.2	0.00
30/05/2024 03:10	2.4	83	9	3.3	0.00
30/05/2024 03:20	2.6	87	8	3.4	0.00
30/05/2024 03:30	2.3	89	9	3.2	0.00
30/05/2024 03:40	2.3	91	10	3.1	0.00
30/05/2024 03:50	2.9	91	10	4.1	0.00
30/05/2024 04:00	2.8	94	11	4.1	0.00
30/05/2024 04:10	3.0	91	9	4.4	0.00
30/05/2024 04:20	2.3	86	10	3.2	0.00
30/05/2024 04:30	2.5	83	10	3.6	0.00
30/05/2024 04:40	1.7	83	8	2.5	0.00
30/05/2024 04:50	2.4	80	11	3.4	0.00
30/05/2024 05:00	2.0	76	9	2.8	0.00
30/05/2024 05:10	1.6	87	11	2.3	0.00
30/05/2024 05:20	1.4	82	9	2.3	0.00
30/05/2024 05:30	0.0	0	0	0.0	0.00
30/05/2024 05:40	1.7	89	14	2.8	0.00
30/05/2024 05:50	1.9	84	13	2.8	0.00
30/05/2024 06:00	2.0	94	12	3.2	0.00
30/05/2024 06:10	2.5	96	14	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 06:20	2.3	100	12	3.2	0.00
30/05/2024 06:30	2.1	100	11	3.0	0.00
30/05/2024 06:40	2.6	91	12	4.2	0.00
30/05/2024 06:50	2.0	103	14	3.1	0.00
30/05/2024 07:00	0.9	114	10	1.8	0.00
30/05/2024 07:10	1.5	98	14	2.4	0.00
30/05/2024 07:20	2.6	96	12	3.9	0.00
30/05/2024 07:30	3.0	93	12	4.4	0.00
30/05/2024 07:40	3.3	95	11	4.7	0.00
30/05/2024 07:50	3.4	93	11	4.9	0.00
30/05/2024 08:00	3.7	90	10	5.1	0.00
30/05/2024 08:10	3.7	93	11	5.0	0.00
30/05/2024 08:20	3.3	100	14	4.5	0.00
30/05/2024 08:30	3.6	104	13	5.2	0.00
30/05/2024 08:40	4.1	101	11	5.4	0.00
30/05/2024 08:50	3.9	101	12	5.3	0.00
30/05/2024 09:00	4.3	106	12	6.0	0.00
30/05/2024 09:10	4.4	99	13	6.2	0.00
30/05/2024 09:20	5.4	99	12	7.9	0.00
30/05/2024 09:30	5.7	92	12	7.5	0.00
30/05/2024 09:40	5.6	96	12	7.9	0.00
30/05/2024 09:50	5.9	101	11	7.9	0.00
30/05/2024 10:00	5.7	97	13	8.4	0.00
30/05/2024 10:10	6.0	95	13	7.9	0.00
30/05/2024 10:20	5.1	92	16	7.5	0.00
30/05/2024 10:30	6.0	95	15	8.8	0.00
30/05/2024 10:40	6.3	96	12	8.9	0.00
30/05/2024 10:50	5.7	94	13	8.1	0.00
30/05/2024 11:00	5.8	98	13	7.6	0.00
30/05/2024 11:10	5.3	96	13	7.9	0.00
30/05/2024 11:20	5.6	96	13	7.8	0.00
30/05/2024 11:30	5.1	95	12	7.2	0.00
30/05/2024 11:40	5.2	97	13	7.3	0.00
30/05/2024 11:50	5.5	87	16	7.7	0.00
30/05/2024 12:00	5.3	87	14	7.2	0.00
30/05/2024 12:10	5.2	85	14	7.6	0.00
30/05/2024 12:20	5.5	77	13	7.9	0.00
30/05/2024 12:30	6.2	75	10	8.6	0.00
30/05/2024 12:40	5.9	75	10	7.3	0.00
30/05/2024 12:50	5.8	80	10	7.5	0.00
30/05/2024 13:00	5.1	78	12	7.1	0.00
30/05/2024 13:10	6.1	67	11	8.0	0.00
30/05/2024 13:20	6.0	65	10	8.6	0.00
30/05/2024 13:30	5.5	70	12	7.4	0.00
30/05/2024 13:40	5.5	72	12	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 13:50	5.3	75	10	7.2	0.00
30/05/2024 14:00	5.8	65	12	8.0	0.00
30/05/2024 14:10	5.9	62	12	7.9	0.00
30/05/2024 14:20	5.5	64	14	7.1	0.00
30/05/2024 14:30	4.7	72	13	6.7	0.00
30/05/2024 14:40	5.0	73	10	6.8	0.00
30/05/2024 14:50	5.1	69	14	6.9	0.00
30/05/2024 15:00	4.7	59	12	6.6	0.00
30/05/2024 15:10	4.6	58	13	6.5	0.00
30/05/2024 15:20	4.9	63	12	7.3	0.00
30/05/2024 15:30	5.1	59	12	6.8	0.00
30/05/2024 15:40	5.0	60	13	6.8	0.00
30/05/2024 15:50	4.6	57	12	6.4	0.00
30/05/2024 16:00	5.0	52	11	6.9	0.00
30/05/2024 16:10	4.7	50	13	6.3	0.00
30/05/2024 16:20	4.7	50	10	6.3	0.00
30/05/2024 16:30	4.6	49	10	6.0	0.00
30/05/2024 16:40	4.3	56	12	6.0	0.00
30/05/2024 16:50	4.5	60	10	6.0	0.00
30/05/2024 17:00	3.6	53	12	5.2	0.00
30/05/2024 17:10	3.3	44	11	4.6	0.00
30/05/2024 17:20	2.8	51	12	4.1	0.00
30/05/2024 17:30	3.0	49	11	4.0	0.00
30/05/2024 17:40	2.5	48	11	3.3	0.00
30/05/2024 17:50	2.5	47	9	3.6	0.00
30/05/2024 18:00	2.2	41	10	2.9	0.00
30/05/2024 18:10	2.4	36	12	3.3	0.00
30/05/2024 18:20	2.3	33	10	3.3	0.00
30/05/2024 18:30	2.2	33	11	3.1	0.00
30/05/2024 18:40	2.2	35	11	2.9	0.00
30/05/2024 18:50	1.8	41	9	2.4	0.00
30/05/2024 19:00	1.7	42	9	2.3	0.00
30/05/2024 19:10	1.3	43	10	1.7	0.00
30/05/2024 19:20	1.8	41	10	2.4	0.00
30/05/2024 19:30	1.7	44	9	2.1	0.00
30/05/2024 19:40	1.8	40	10	2.6	0.00
30/05/2024 19:50	2.0	35	10	2.8	0.00
30/05/2024 20:00	1.6	42	7	2.2	0.00
30/05/2024 20:10	1.2	45	6	1.9	0.00
30/05/2024 20:20	0.0	0	0	0.0	0.00
30/05/2024 20:30	0.0	0	0	0.0	0.00
30/05/2024 20:40	0.0	0	0	0.0	0.00
30/05/2024 20:50	0.0	0	0	0.0	0.00
30/05/2024 21:00	1.1	44	6	2.1	0.00
30/05/2024 21:10	2.0	38	8	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 21:20	1.8	36	11	2.5	0.00
30/05/2024 21:30	1.9	32	11	2.9	0.00
30/05/2024 21:40	2.2	34	10	3.2	0.00
30/05/2024 21:50	2.2	37	13	3.5	0.00
30/05/2024 22:00	2.3	35	11	3.0	0.00
30/05/2024 22:10	2.1	41	10	2.8	0.00
30/05/2024 22:20	1.9	44	8	2.3	0.00
30/05/2024 22:30	1.6	47	6	2.0	0.00
30/05/2024 22:40	1.1	48	5	1.6	0.00
30/05/2024 22:50	0.0	0	0	0.0	0.00
30/05/2024 23:00	1.3	235	8	2.7	0.00
30/05/2024 23:10	1.5	231	15	2.5	0.00
30/05/2024 23:20	0.1	114	2	0.8	0.00
30/05/2024 23:30	0.0	0	0	0.0	0.00
30/05/2024 23:40	0.0	0	0	0.0	0.00
30/05/2024 23:50	0.0	0	0	0.0	0.00
31/05/2024 00:00	0.0	0	0	0.0	0.00
31/05/2024 00:10	0.0	0	0	0.0	0.00
31/05/2024 00:20	0.0	0	0	0.0	0.00
31/05/2024 00:30	0.0	0	0	0.0	0.00
31/05/2024 00:40	0.0	0	0	0.0	0.00
31/05/2024 00:50	0.0	0	0	0.0	0.00
31/05/2024 01:00	0.0	0	0	0.0	0.00
31/05/2024 01:10	0.0	0	0	0.0	0.00
31/05/2024 01:20	0.0	0	0	0.0	0.00
31/05/2024 01:30	0.0	0	0	0.0	0.00
31/05/2024 01:40	0.0	0	0	0.0	0.00
31/05/2024 01:50	0.0	0	0	0.0	0.00
31/05/2024 02:00	0.0	0	0	0.0	0.00
31/05/2024 02:10	0.0	0	0	0.0	0.00
31/05/2024 02:20	0.0	0	0	0.0	0.00
31/05/2024 02:30	0.0	0	0	0.0	0.00
31/05/2024 02:40	0.0	0	0	0.0	0.00
31/05/2024 02:50	0.0	0	0	0.0	0.00
31/05/2024 03:00	0.0	0	0	0.0	0.00
31/05/2024 03:10	0.0	0	0	0.0	0.00
31/05/2024 03:20	0.2	42	3	0.9	0.00
31/05/2024 03:30	1.7	89	10	2.4	0.00
31/05/2024 03:40	1.7	79	10	2.4	0.00
31/05/2024 03:50	1.1	86	8	1.7	0.00
31/05/2024 04:00	0.6	89	11	1.5	0.00
31/05/2024 04:10	1.1	89	16	1.9	0.00
31/05/2024 04:20	1.7	91	11	2.6	0.00
31/05/2024 04:30	2.0	118	13	3.1	0.00
31/05/2024 04:40	1.8	131	16	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 04:50	1.5	117	13	2.3	0.00
31/05/2024 05:00	1.7	115	18	2.8	0.00
31/05/2024 05:10	1.8	112	14	3.3	0.00
31/05/2024 05:20	1.1	103	17	2.0	0.00
31/05/2024 05:30	1.6	102	18	2.4	0.00
31/05/2024 05:40	1.0	41	5	2.1	0.00
31/05/2024 05:50	3.7	88	13	5.2	0.00
31/05/2024 06:00	3.2	89	15	4.7	0.00
31/05/2024 06:10	4.1	90	12	5.4	0.00
31/05/2024 06:20	4.2	90	11	6.3	0.00
31/05/2024 06:30	4.4	91	13	6.0	0.00
31/05/2024 06:40	4.2	91	15	5.8	0.00
31/05/2024 06:50	4.5	97	13	6.5	0.00
31/05/2024 07:00	4.6	95	11	6.4	0.00
31/05/2024 07:10	4.0	94	12	6.0	0.00
31/05/2024 07:20	3.9	88	12	5.6	0.00
31/05/2024 07:30	4.8	93	11	6.8	0.00
31/05/2024 07:40	4.4	92	12	6.5	0.00
31/05/2024 07:50	4.9	94	11	7.5	0.00
31/05/2024 08:00	5.3	90	13	7.4	0.00
31/05/2024 08:10	5.1	97	13	7.9	0.00
31/05/2024 08:20	5.4	98	14	7.7	0.00
31/05/2024 08:30	6.0	94	12	8.1	0.00
31/05/2024 08:40	6.4	94	11	9.5	0.00
31/05/2024 08:50	7.4	88	13	10.5	0.00
31/05/2024 09:00	6.5	87	12	9.1	0.00
31/05/2024 09:10	6.7	84	12	9.1	0.00
31/05/2024 09:20	6.8	87	12	9.2	0.00
31/05/2024 09:30	6.0	86	12	8.9	0.00
31/05/2024 09:40	6.2	90	12	9.1	0.00
31/05/2024 09:50	7.6	91	13	10.5	0.00
31/05/2024 10:00	7.2	82	12	10.1	0.00
31/05/2024 10:10	7.0	80	12	9.9	0.00
31/05/2024 10:20	8.2	81	11	10.7	0.00
31/05/2024 10:30	8.1	81	10	10.7	0.00
31/05/2024 10:40	7.8	83	13	11.2	0.00
31/05/2024 10:50	7.7	83	11	10.6	0.00
31/05/2024 11:00	8.0	81	12	10.3	0.00
31/05/2024 11:10	7.9	78	13	10.8	0.00
31/05/2024 11:20	7.6	79	11	10.9	0.00
31/05/2024 11:30	8.0	79	11	11.3	0.00
31/05/2024 11:40	7.5	80	13	10.8	0.00
31/05/2024 11:50	7.4	83	12	10.3	0.00
31/05/2024 12:00	6.6	79	13	9.5	0.00
31/05/2024 12:10	7.9	79	12	11.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 12:20	7.3	78	13	9.9	0.00
31/05/2024 12:30	7.1	71	13	9.4	0.00
31/05/2024 12:40	6.6	80	11	8.6	0.00
31/05/2024 12:50	6.7	77	12	8.9	0.00
31/05/2024 13:00	5.9	73	13	7.9	0.00
31/05/2024 13:10	6.5	70	12	8.5	0.00
31/05/2024 13:20	6.9	66	12	9.0	0.00
31/05/2024 13:30	6.6	65	11	9.3	0.00
31/05/2024 13:40	6.5	68	12	8.5	0.00
31/05/2024 13:50	7.1	67	11	9.1	0.00
31/05/2024 14:00	6.5	68	13	9.1	0.00
31/05/2024 14:10	6.5	56	13	8.3	0.00
31/05/2024 14:20	6.4	67	14	9.0	0.00
31/05/2024 14:30	5.9	65	12	7.8	0.00
31/05/2024 14:40	5.7	57	15	7.3	0.00
31/05/2024 14:50	6.2	60	13	8.3	0.00
31/05/2024 15:00	6.1	61	14	7.6	0.00
31/05/2024 15:10	5.4	55	12	7.8	0.00
31/05/2024 15:20	5.7	62	11	8.2	0.00
31/05/2024 15:30	5.6	55	13	7.5	0.00
31/05/2024 15:40	5.6	55	13	8.1	0.00
31/05/2024 15:50	5.8	52	12	7.6	0.00
31/05/2024 16:00	6.0	55	11	7.9	0.00
31/05/2024 16:10	5.5	61	11	7.5	0.00
31/05/2024 16:20	5.6	56	10	7.5	0.00
31/05/2024 16:30	5.1	55	12	6.9	0.00
31/05/2024 16:40	5.6	58	11	7.5	0.00
31/05/2024 16:50	4.7	58	14	6.5	0.00
31/05/2024 17:00	5.1	56	11	6.8	0.00
31/05/2024 17:10	4.5	45	10	6.3	0.00
31/05/2024 17:20	4.4	44	10	6.0	0.00
31/05/2024 17:30	4.2	46	11	5.4	0.00
31/05/2024 17:40	3.7	45	10	5.2	0.00
31/05/2024 17:50	3.8	51	12	5.1	0.00
31/05/2024 18:00	4.0	47	11	5.2	0.00
31/05/2024 18:10	3.9	49	11	5.2	0.00
31/05/2024 18:20	3.8	47	11	5.2	0.00
31/05/2024 18:30	3.3	47	11	4.8	0.00
31/05/2024 18:40	2.9	54	10	4.3	0.00
31/05/2024 18:50	3.0	46	9	4.4	0.00
31/05/2024 19:00	2.4	47	9	3.4	0.00
31/05/2024 19:10	2.2	49	8	3.3	0.00
31/05/2024 19:20	2.1	52	11	3.1	0.00
31/05/2024 19:30	2.5	53	9	3.3	0.00
31/05/2024 19:40	2.3	51	9	3.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 19:50	2.2	49	10	3.0	0.00
31/05/2024 20:00	2.0	55	10	2.6	0.00
31/05/2024 20:10	1.9	54	10	2.5	0.00
31/05/2024 20:20	2.0	58	8	3.1	0.00
31/05/2024 20:30	1.8	63	6	2.6	0.00
31/05/2024 20:40	1.6	65	7	2.0	0.00
31/05/2024 20:50	1.3	64	5	1.7	0.00
31/05/2024 21:00	1.0	62	4	1.5	0.00
31/05/2024 21:10	0.0	0	0	0.0	0.00
31/05/2024 21:20	0.0	0	0	0.0	0.00
31/05/2024 21:30	0.0	0	0	0.0	0.00
31/05/2024 21:40	1.0	53	6	2.1	0.00
31/05/2024 21:50	1.8	60	9	2.6	0.00
31/05/2024 22:00	1.2	72	10	1.9	0.00
31/05/2024 22:10	1.1	65	8	2.1	0.00
31/05/2024 22:20	1.7	63	10	2.7	0.00
31/05/2024 22:30	0.9	59	6	1.8	0.00
31/05/2024 22:40	0.0	0	0	0.0	0.00
31/05/2024 22:50	0.0	0	0	0.0	0.00
31/05/2024 23:00	0.0	0	0	0.0	0.00
31/05/2024 23:10	0.0	0	0	0.0	0.00
31/05/2024 23:20	0.0	0	0	0.0	0.00
31/05/2024 23:30	0.0	0	0	0.0	0.00
31/05/2024 23:40	0.0	0	0	0.0	0.00
31/05/2024 23:50	0.7	41	5	1.6	0.00
01/06/2024 00:00	1.8	82	11	2.8	0.00
01/06/2024 00:10	2.2	82	10	3.4	0.00
01/06/2024 00:20	2.2	83	13	3.0	0.00
01/06/2024 00:30	2.3	81	10	3.3	0.00
01/06/2024 00:40	2.4	79	11	3.3	0.00
01/06/2024 00:50	2.6	92	13	3.9	0.00
01/06/2024 01:00	2.5	87	13	3.6	0.00
01/06/2024 01:10	2.4	81	11	3.4	0.00
01/06/2024 01:20	2.1	80	11	2.8	0.00
01/06/2024 01:30	2.7	75	10	3.8	0.00
01/06/2024 01:40	2.6	77	11	3.6	0.00
01/06/2024 01:50	2.8	80	12	3.7	0.00
01/06/2024 02:00	2.5	78	11	3.2	0.00
01/06/2024 02:10	2.7	79	10	3.7	0.00
01/06/2024 02:20	2.6	80	11	3.3	0.00
01/06/2024 02:30	2.3	81	12	3.2	0.00
01/06/2024 02:40	2.4	83	11	3.7	0.00
01/06/2024 02:50	2.7	86	11	4.0	0.00
01/06/2024 03:00	2.6	86	12	4.1	0.00
01/06/2024 03:10	3.5	76	10	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 03:20	3.5	82	13	4.9	0.00
01/06/2024 03:30	3.9	79	11	6.0	0.00
01/06/2024 03:40	4.7	78	13	6.1	0.00
01/06/2024 03:50	4.7	80	11	6.3	0.00
01/06/2024 04:00	4.2	80	12	6.0	0.00
01/06/2024 04:10	4.6	81	11	6.9	0.00
01/06/2024 04:20	4.5	84	11	6.8	0.00
01/06/2024 04:30	4.2	89	13	6.3	0.00
01/06/2024 04:40	3.7	90	14	5.7	0.00
01/06/2024 04:50	4.2	95	11	6.1	0.00
01/06/2024 05:00	4.3	95	12	6.4	0.00
01/06/2024 05:10	4.9	94	12	6.6	0.00
01/06/2024 05:20	4.7	94	13	6.3	0.00
01/06/2024 05:30	4.9	94	11	6.5	0.00
01/06/2024 05:40	4.9	95	11	6.6	0.00
01/06/2024 05:50	5.1	92	11	7.3	0.00
01/06/2024 06:00	4.9	94	12	6.5	0.00
01/06/2024 06:10	4.9	92	11	7.4	0.00
01/06/2024 06:20	5.2	95	11	7.1	0.00
01/06/2024 06:30	4.8	92	12	6.8	0.00
01/06/2024 06:40	5.4	94	12	7.3	0.00
01/06/2024 06:50	5.4	94	11	7.8	0.00
01/06/2024 07:00	4.7	90	12	6.9	0.00
01/06/2024 07:10	4.7	91	11	6.9	0.00
01/06/2024 07:20	4.6	83	12	7.2	0.00
01/06/2024 07:30	5.9	84	11	8.0	0.00
01/06/2024 07:40	5.7	84	12	7.8	0.00
01/06/2024 07:50	6.1	82	12	8.7	0.00
01/06/2024 08:00	5.9	81	13	8.1	0.00
01/06/2024 08:10	6.1	83	11	8.5	0.00
01/06/2024 08:20	6.2	80	13	9.0	0.00
01/06/2024 08:30	7.1	81	11	10.3	0.00
01/06/2024 08:40	7.0	84	11	9.7	0.00
01/06/2024 08:50	6.1	83	11	8.2	0.00
01/06/2024 09:00	6.7	83	12	9.5	0.00
01/06/2024 09:10	6.6	82	13	9.7	0.00
01/06/2024 09:20	6.4	85	13	8.4	0.00
01/06/2024 09:30	6.6	80	12	8.9	0.00
01/06/2024 09:40	6.5	84	12	8.8	0.00
01/06/2024 09:50	6.5	87	10	9.3	0.00
01/06/2024 10:00	6.4	85	11	9.9	0.00
01/06/2024 10:10	7.5	78	12	10.7	0.00
01/06/2024 10:20	7.6	83	11	10.2	0.00
01/06/2024 10:30	7.9	80	12	10.9	0.00
01/06/2024 10:40	7.7	81	12	11.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 10:50	8.8	78	9	11.7	0.00
01/06/2024 11:00	8.3	80	10	11.1	0.00
01/06/2024 11:10	9.4	79	11	12.3	0.00
01/06/2024 11:20	8.8	79	11	11.0	0.00
01/06/2024 11:30	8.3	81	12	10.8	0.00
01/06/2024 11:40	8.8	81	11	11.2	0.00
01/06/2024 11:50	7.5	81	12	10.3	0.00
01/06/2024 12:00	8.2	77	12	11.2	0.00
01/06/2024 12:10	7.8	79	12	10.7	0.00
01/06/2024 12:20	7.8	79	11	10.4	0.00
01/06/2024 12:30	7.9	85	12	11.3	0.00
01/06/2024 12:40	7.7	80	12	10.7	0.00
01/06/2024 12:50	7.7	76	12	10.7	0.00
01/06/2024 13:00	7.6	76	11	9.7	0.00
01/06/2024 13:10	7.8	76	12	10.6	0.00
01/06/2024 13:20	7.8	82	12	10.7	0.00
01/06/2024 13:30	7.9	82	11	10.6	0.00
01/06/2024 13:40	7.0	82	11	9.3	0.00
01/06/2024 13:50	7.0	83	12	9.0	0.00
01/06/2024 14:00	7.5	69	11	10.3	0.00
01/06/2024 14:10	6.0	72	9	7.9	0.00
01/06/2024 14:20	6.0	72	12	8.6	0.00
01/06/2024 14:30	7.1	68	11	9.5	0.00
01/06/2024 14:40	6.4	73	13	8.7	0.00
01/06/2024 14:50	5.9	74	12	9.2	0.00
01/06/2024 15:00	6.2	74	12	8.7	0.00
01/06/2024 15:10	6.5	66	13	8.8	0.00
01/06/2024 15:20	6.7	64	11	9.1	0.00
01/06/2024 15:30	5.9	67	11	8.2	0.00
01/06/2024 15:40	5.8	68	13	7.8	0.00
01/06/2024 15:50	5.9	64	11	8.5	0.00
01/06/2024 16:00	5.7	64	11	8.2	0.00
01/06/2024 16:10	5.8	52	12	7.4	0.00
01/06/2024 16:20	5.6	58	13	7.6	0.00
01/06/2024 16:30	5.6	57	11	7.9	0.00
01/06/2024 16:40	5.3	54	12	6.7	0.00
01/06/2024 16:50	5.6	56	10	7.8	0.00
01/06/2024 17:00	4.9	52	12	6.4	0.00
01/06/2024 17:10	4.8	49	11	6.8	0.00
01/06/2024 17:20	4.9	50	11	6.3	0.00
01/06/2024 17:30	4.9	51	11	6.4	0.00
01/06/2024 17:40	4.3	53	13	5.8	0.00
01/06/2024 17:50	4.5	54	11	6.0	0.00
01/06/2024 18:00	4.5	53	10	5.9	0.00
01/06/2024 18:10	4.4	53	11	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 18:20	3.6	54	12	5.2	0.00
01/06/2024 18:30	3.7	51	11	5.3	0.00
01/06/2024 18:40	3.4	47	14	4.8	0.00
01/06/2024 18:50	4.0	47	12	5.3	0.00
01/06/2024 19:00	3.4	48	12	4.6	0.00
01/06/2024 19:10	3.2	48	11	4.4	0.00
01/06/2024 19:20	2.8	42	12	3.9	0.00
01/06/2024 19:30	2.9	49	10	4.2	0.00
01/06/2024 19:40	3.0	50	9	4.4	0.00
01/06/2024 19:50	2.9	53	10	4.0	0.00
01/06/2024 20:00	2.9	49	12	3.8	0.00
01/06/2024 20:10	2.6	51	12	3.6	0.00
01/06/2024 20:20	2.1	42	12	3.1	0.00
01/06/2024 20:30	2.5	46	12	3.8	0.00
01/06/2024 20:40	2.5	42	12	3.3	0.00
01/06/2024 20:50	2.3	42	13	3.6	0.00
01/06/2024 21:00	2.3	56	12	3.2	0.00
01/06/2024 21:10	1.4	57	9	2.4	0.00
01/06/2024 21:20	2.5	52	13	3.6	0.00
01/06/2024 21:30	2.0	50	12	3.3	0.00
01/06/2024 21:40	2.0	54	12	2.9	0.00
01/06/2024 21:50	2.0	61	11	3.1	0.00
01/06/2024 22:00	2.4	65	9	3.3	0.00
01/06/2024 22:10	2.9	68	9	4.0	0.00
01/06/2024 22:20	2.5	61	10	3.6	0.00
01/06/2024 22:30	2.8	62	10	3.8	0.00
01/06/2024 22:40	2.8	59	10	3.7	0.00
01/06/2024 22:50	2.9	62	9	3.8	0.00
01/06/2024 23:00	2.3	55	10	3.1	0.00
01/06/2024 23:10	2.2	57	11	3.1	0.00
01/06/2024 23:20	2.1	62	10	3.3	0.00
01/06/2024 23:30	2.3	57	9	3.4	0.00
01/06/2024 23:40	2.2	59	10	3.5	0.00
01/06/2024 23:50	2.4	59	10	3.2	0.00
02/06/2024 00:00	2.6	55	11	3.6	0.00
02/06/2024 00:10	2.8	63	9	3.6	0.00
02/06/2024 00:20	2.9	60	10	3.9	0.00
02/06/2024 00:30	2.8	62	11	3.8	0.00
02/06/2024 00:40	2.9	65	10	3.9	0.00
02/06/2024 00:50	2.5	68	11	3.6	0.00
02/06/2024 01:00	2.3	70	10	3.3	0.00
02/06/2024 01:10	1.2	82	11	2.6	0.00
02/06/2024 01:20					0.00
02/06/2024 01:30	0.8	78	11	2.0	0.00
02/06/2024 01:40	1.8	75	10	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 01:50	2.4	71	10	3.4	0.00
02/06/2024 02:00	2.5	72	11	3.5	0.00
02/06/2024 02:10	2.4	78	9	3.0	0.00
02/06/2024 02:20	2.1	76	9	2.8	0.00
02/06/2024 02:30	1.7	81	10	2.2	0.00
02/06/2024 02:40	1.3	71	16	2.0	0.00
02/06/2024 02:50	2.5	67	10	3.3	0.00
02/06/2024 03:00	1.8	47	15	2.8	0.00
02/06/2024 03:10	2.3	68	12	3.2	0.00
02/06/2024 03:20	2.4	62	11	3.4	0.00
02/06/2024 03:30	0.9	189	22	1.7	0.00
02/06/2024 03:40	0.7	16	21	1.6	0.00
02/06/2024 03:50	1.6	30	15	2.4	0.00
02/06/2024 04:00	1.7	41	18	2.9	0.00
02/06/2024 04:10	2.0	46	16	3.2	0.00
02/06/2024 04:20	2.1	44	15	3.2	0.00
02/06/2024 04:30	3.0	60	11	4.4	0.00
02/06/2024 04:40	2.7	77	11	4.0	0.00
02/06/2024 04:50	2.7	92	8	3.4	0.00
02/06/2024 05:00	3.0	91	9	3.9	0.00
02/06/2024 05:10	3.0	91	10	3.8	0.00
02/06/2024 05:20	3.0	92	9	4.0	0.00
02/06/2024 05:30	3.3	87	11	4.6	0.00
02/06/2024 05:40	2.8	79	11	3.8	0.00
02/06/2024 05:50	2.1	91	16	3.4	0.00
02/06/2024 06:00	3.3	92	13	4.7	0.30
02/06/2024 06:10	2.9	98	14	4.1	0.10
02/06/2024 06:20	3.2	95	14	4.5	0.10
02/06/2024 06:30	3.2	83	13	4.3	0.00
02/06/2024 06:40	3.5	86	12	4.8	0.10
02/06/2024 06:50	3.5	88	10	4.7	0.00
02/06/2024 07:00	3.4	93	11	4.5	0.00
02/06/2024 07:10	3.0	90	11	4.3	0.00
02/06/2024 07:20	3.1	83	10	4.2	0.10
02/06/2024 07:30	3.0	82	13	4.0	0.30
02/06/2024 07:40	3.3	87	13	4.5	0.10
02/06/2024 07:50	3.4	94	11	4.5	0.10
02/06/2024 08:00	3.5	91	10	4.6	0.80
02/06/2024 08:10	3.6	88	12	4.6	1.10
02/06/2024 08:20	2.9	87	12	4.4	0.40
02/06/2024 08:30	4.2	75	13	5.4	0.00
02/06/2024 08:40	3.6	85	11	4.7	0.20
02/06/2024 08:50	1.5	250	56	3.3	0.40
02/06/2024 09:00	3.4	214	31	5.4	3.10
02/06/2024 09:10	3.0	213	16	4.4	2.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 09:20	3.2	218	15	5.0	0.90
02/06/2024 09:30	3.2	220	14	4.5	0.40
02/06/2024 09:40	2.7	222	12	3.6	0.10
02/06/2024 09:50	3.0	216	16	4.3	0.20
02/06/2024 10:00	3.2	217	16	4.7	0.10
02/06/2024 10:10	2.6	212	14	3.8	0.20
02/06/2024 10:20	1.5	210	29	2.6	0.20
02/06/2024 10:30	1.6	216	45	2.7	0.20
02/06/2024 10:40	1.4	209	61	2.4	0.00
02/06/2024 10:50	1.2	62	67	2.0	0.20
02/06/2024 11:00	1.8	125	34	2.8	0.00
02/06/2024 11:10	2.9	120	16	4.4	0.00
02/06/2024 11:20	3.1	116	16	4.4	0.00
02/06/2024 11:30	3.5	110	15	4.9	0.00
02/06/2024 11:40	3.3	112	15	4.9	0.00
02/06/2024 11:50	2.2	130	25	3.6	0.00
02/06/2024 12:00	2.0	130	22	3.1	0.00
02/06/2024 12:10	2.5	116	17	3.7	0.00
02/06/2024 12:20	2.2	105	17	3.4	0.00
02/06/2024 12:30	1.8	121	32	3.3	0.00
02/06/2024 12:40	1.6	140	36	2.9	0.00
02/06/2024 12:50	0.9	155	60	1.9	0.00
02/06/2024 13:00	1.1	216	34	2.3	0.00
02/06/2024 13:10	1.6	235	28	2.8	0.00
02/06/2024 13:20	2.4	228	19	4.5	0.00
02/06/2024 13:30	2.7	257	18	4.1	0.00
02/06/2024 13:40	2.8	248	16	4.1	0.00
02/06/2024 13:50	2.7	243	21	3.9	0.00
02/06/2024 14:00	2.9	259	20	4.3	0.00
02/06/2024 14:10	4.0	264	16	5.3	0.00
02/06/2024 14:20	4.7	265	14	6.2	0.00
02/06/2024 14:30	4.4	256	13	5.9	0.00
02/06/2024 14:40	4.1	250	14	5.6	0.00
02/06/2024 14:50	4.7	251	12	6.6	0.00
02/06/2024 15:00	4.6	249	16	6.7	0.00
02/06/2024 15:10	4.8	256	13	6.6	0.00
02/06/2024 15:20	4.5	245	15	6.3	0.00
02/06/2024 15:30	4.7	251	15	7.1	0.00
02/06/2024 15:40	5.4	249	13	7.5	0.00
02/06/2024 15:50	6.3	256	12	8.5	0.00
02/06/2024 16:00	5.9	250	13	8.1	0.00
02/06/2024 16:10	5.5	250	14	7.5	0.00
02/06/2024 16:20	5.3	249	13	7.2	0.00
02/06/2024 16:30	5.0	250	11	6.8	0.00
02/06/2024 16:40	4.8	249	14	6.3	0.10



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 16:50	4.7	247	14	6.9	0.00
02/06/2024 17:00	5.5	249	11	7.5	0.00
02/06/2024 17:10	5.1	249	11	6.8	0.00
02/06/2024 17:20	5.2	249	12	6.8	0.00
02/06/2024 17:30	4.5	248	12	6.0	0.00
02/06/2024 17:40	4.4	249	12	6.5	0.00
02/06/2024 17:50	5.0	247	12	7.0	0.00
02/06/2024 18:00	4.9	251	10	6.7	0.00
02/06/2024 18:10	4.8	250	12	6.4	0.00
02/06/2024 18:20	3.8	248	11	5.1	0.00
02/06/2024 18:30	3.8	248	13	5.3	0.00
02/06/2024 18:40	4.0	248	11	5.9	0.00
02/06/2024 18:50	4.6	250	11	6.4	0.00
02/06/2024 19:00	4.9	249	11	7.0	0.00
02/06/2024 19:10	4.3	247	13	6.2	0.00
02/06/2024 19:20	3.9	250	13	5.7	0.00
02/06/2024 19:30	4.2	243	13	6.7	0.00
02/06/2024 19:40	4.1	244	12	6.2	0.00
02/06/2024 19:50	3.7	243	12	5.3	0.00
02/06/2024 20:00	4.5	238	12	6.0	0.00
02/06/2024 20:10	3.7	240	13	5.2	0.00
02/06/2024 20:20	4.5	237	13	6.1	0.00
02/06/2024 20:30	3.9	237	12	5.6	0.00
02/06/2024 20:40	3.7	237	13	5.2	0.00
02/06/2024 20:50	3.1	236	12	4.3	0.00
02/06/2024 21:00	2.7	231	14	4.0	0.00
02/06/2024 21:10	2.8	224	15	3.8	0.00
02/06/2024 21:20	2.8	227	14	4.0	0.00
02/06/2024 21:30	3.2	224	14	4.8	0.00
02/06/2024 21:40	3.9	223	15	6.5	0.00
02/06/2024 21:50	4.6	220	15	7.2	0.00
02/06/2024 22:00	4.6	218	16	7.0	0.00
02/06/2024 22:10	4.3	213	15	6.4	0.00
02/06/2024 22:20	4.3	210	16	6.3	0.00
02/06/2024 22:30	4.6	214	15	6.0	0.00
02/06/2024 22:40	4.7	212	15	6.5	0.00
02/06/2024 22:50	4.7	214	17	7.1	0.00
02/06/2024 23:00	4.2	212	16	6.5	0.00
02/06/2024 23:10	4.0	213	15	5.6	0.00
02/06/2024 23:20	4.1	212	12	5.5	0.00
02/06/2024 23:30	3.7	214	13	5.0	0.00
02/06/2024 23:40	3.5	213	16	4.8	0.00
02/06/2024 23:50	3.7	212	15	5.9	0.00
03/06/2024 00:00	3.9	216	15	5.6	0.00
03/06/2024 00:10	3.8	216	14	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 00:20	3.9	211	16	5.3	0.00
03/06/2024 00:30	3.9	205	19	5.7	0.00
03/06/2024 00:40	3.9	209	15	5.2	0.00
03/06/2024 00:50	3.3	210	18	5.2	0.00
03/06/2024 01:00	3.4	211	17	4.7	0.00
03/06/2024 01:10	3.4	213	19	4.9	0.00
03/06/2024 01:20	3.3	212	16	5.0	0.00
03/06/2024 01:30	2.8	215	19	4.2	0.00
03/06/2024 01:40	3.0	210	17	4.3	0.00
03/06/2024 01:50	2.6	213	15	3.6	0.00
03/06/2024 02:00	2.4	212	20	3.6	0.00
03/06/2024 02:10	3.5	209	16	4.8	0.00
03/06/2024 02:20	3.3	214	18	4.8	0.00
03/06/2024 02:30	2.8	212	16	4.0	0.00
03/06/2024 02:40	2.8	209	14	3.7	0.00
03/06/2024 02:50	3.3	212	11	4.2	0.00
03/06/2024 03:00	3.0	213	13	3.9	0.00
03/06/2024 03:10	2.7	212	16	3.9	0.00
03/06/2024 03:20	2.9	212	12	3.7	0.00
03/06/2024 03:30	3.4	210	13	4.5	0.00
03/06/2024 03:40	2.5	205	22	3.6	0.00
03/06/2024 03:50	2.4	206	25	3.6	0.00
03/06/2024 04:00	3.1	207	17	4.3	0.00
03/06/2024 04:10	3.0	214	25	4.4	0.00
03/06/2024 04:20	2.8	207	25	4.0	0.00
03/06/2024 04:30	2.3	213	36	4.0	0.00
03/06/2024 04:40	2.1	219	38	3.6	0.00
03/06/2024 04:50	1.0	250	73	2.2	0.00
03/06/2024 05:00	2.2	213	29	3.4	0.00
03/06/2024 05:10	1.5	216	54	2.4	0.00
03/06/2024 05:20	1.9	211	35	3.0	0.00
03/06/2024 05:30	2.3	211	22	3.4	0.00
03/06/2024 05:40	1.1	215	48	1.9	0.00
03/06/2024 05:50	1.2	246	78	2.3	0.00
03/06/2024 06:00	1.1	181	84	2.3	0.00
03/06/2024 06:10	1.0	251	86	2.0	0.00
03/06/2024 06:20	0.7	79	85	1.6	0.00
03/06/2024 06:30	0.7	258	70	1.4	0.00
03/06/2024 06:40	0.9	320	87	1.7	0.00
03/06/2024 06:50	1.1	96	68	2.4	0.00
03/06/2024 07:00	1.4	130	57	2.7	0.00
03/06/2024 07:10	1.3	86	55	2.2	0.00
03/06/2024 07:20	1.2	122	57	2.2	0.00
03/06/2024 07:30	1.0	98	90	2.1	0.00
03/06/2024 07:40	1.3	122	61	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 07:50	1.1	55	90	1.8	0.00
03/06/2024 08:00	1.0	324	91	2.0	0.00
03/06/2024 08:10	1.1	326	87	2.3	0.00
03/06/2024 08:20	1.4	132	78	2.4	0.00
03/06/2024 08:30	2.0	132	47	3.4	0.00
03/06/2024 08:40	2.4	135	39	4.0	0.00
03/06/2024 08:50	2.7	133	34	4.3	0.00
03/06/2024 09:00	4.1	132	21	6.0	0.00
03/06/2024 09:10	3.9	133	22	5.6	0.00
03/06/2024 09:20	3.4	138	30	5.6	0.00
03/06/2024 09:30	3.6	133	26	5.9	0.00
03/06/2024 09:40	4.4	131	20	6.0	0.00
03/06/2024 09:50	4.2	126	16	6.4	0.00
03/06/2024 10:00	5.0	119	15	7.2	0.00
03/06/2024 10:10	5.0	122	16	7.5	0.00
03/06/2024 10:20	4.1	121	19	6.0	0.00
03/06/2024 10:30	4.5	122	16	6.3	0.00
03/06/2024 10:40	4.4	121	15	6.5	0.00
03/06/2024 10:50	4.7	111	16	7.0	0.00
03/06/2024 11:00	4.9	109	15	7.3	0.00
03/06/2024 11:10	4.4	111	20	6.6	0.00
03/06/2024 11:20	4.1	103	15	6.0	0.00
03/06/2024 11:30	4.2	105	14	6.2	0.00
03/06/2024 11:40	4.2	95	15	5.9	0.00
03/06/2024 11:50	3.9	112	19	5.6	0.00
03/06/2024 12:00	4.0	113	18	5.8	0.00
03/06/2024 12:10	3.7	122	17	5.3	0.00
03/06/2024 12:20	4.7	103	19	6.9	0.00
03/06/2024 12:30	4.5	94	11	6.2	0.00
03/06/2024 12:40	4.2	101	16	6.6	0.00
03/06/2024 12:50	4.7	93	15	6.9	0.00
03/06/2024 13:00	4.5	95	13	6.0	0.00
03/06/2024 13:10	4.4	94	16	6.3	0.00
03/06/2024 13:20	4.3	97	12	6.4	0.00
03/06/2024 13:30	3.9	94	17	5.5	0.00
03/06/2024 13:40	3.6	105	20	5.6	0.00
03/06/2024 13:50	4.0	93	15	6.1	0.00
03/06/2024 14:00	3.5	92	17	5.3	0.00
03/06/2024 14:10	3.2	101	19	4.5	0.00
03/06/2024 14:20	3.0	101	17	4.5	0.00
03/06/2024 14:30	3.8	95	13	5.7	0.00
03/06/2024 14:40	3.0	93	19	4.8	0.00
03/06/2024 14:50	3.1	87	16	5.0	0.00
03/06/2024 15:00	3.4	99	18	5.2	0.00
03/06/2024 15:10	3.4	99	19	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 15:20	3.3	102	15	4.5	0.00
03/06/2024 15:30	3.1	94	18	4.8	0.00
03/06/2024 15:40	2.9	93	17	4.4	0.00
03/06/2024 15:50	3.0	97	21	4.7	0.00
03/06/2024 16:00	3.1	82	15	4.5	0.00
03/06/2024 16:10	3.1	88	13	4.5	0.00
03/06/2024 16:20	2.8	99	13	4.1	0.00
03/06/2024 16:30	2.4	98	15	3.6	0.00
03/06/2024 16:40	2.1	86	15	3.2	0.00
03/06/2024 16:50	2.0	96	11	3.6	0.00
03/06/2024 17:00	3.0	80	11	4.1	0.00
03/06/2024 17:10	2.5	73	11	3.8	0.00
03/06/2024 17:20	1.7	68	11	2.6	0.00
03/06/2024 17:30	1.3	62	9	2.4	0.00
03/06/2024 17:40	1.6	64	9	2.4	0.00
03/06/2024 17:50	1.4	60	7	2.3	0.00
03/06/2024 18:00	0.1	55	2	1.2	0.00
03/06/2024 18:10					0.00
03/06/2024 18:20					0.00
03/06/2024 18:30					0.00
03/06/2024 18:40					0.00
03/06/2024 18:50					0.00
03/06/2024 19:00					0.00
03/06/2024 19:10					0.00
03/06/2024 19:20					0.00
03/06/2024 19:30					0.00
03/06/2024 19:40					0.00
03/06/2024 19:50					0.00
03/06/2024 20:00					0.00
03/06/2024 20:10					0.00
03/06/2024 20:20					0.00
03/06/2024 20:30					0.00
03/06/2024 20:40					0.00
03/06/2024 20:50					0.00
03/06/2024 21:00					0.00
03/06/2024 21:10					0.00
03/06/2024 21:20					0.00
03/06/2024 21:30					0.00
03/06/2024 21:40					0.00
03/06/2024 21:50					0.00
03/06/2024 22:00					0.00
03/06/2024 22:10					0.00
03/06/2024 22:20					0.00
03/06/2024 22:30					0.00
03/06/2024 22:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 22:50					0.00
03/06/2024 23:00					0.00
03/06/2024 23:10					0.00
03/06/2024 23:20					0.00
03/06/2024 23:30					0.00
03/06/2024 23:40					0.00
03/06/2024 23:50					0.00
04/06/2024 00:00					0.00
04/06/2024 00:10					0.00
04/06/2024 00:20					0.00
04/06/2024 00:30	1.6	70	7	3.0	0.00
04/06/2024 00:40	3.2	75	10	4.7	0.00
04/06/2024 00:50	3.5	78	11	4.8	0.00
04/06/2024 01:00	4.3	80	11	6.1	0.00
04/06/2024 01:10	3.8	83	12	5.6	0.00
04/06/2024 01:20	3.8	81	11	5.2	0.00
04/06/2024 01:30	3.4	86	13	4.8	0.00
04/06/2024 01:40	4.2	88	13	6.5	0.00
04/06/2024 01:50	4.2	88	13	5.7	0.00
04/06/2024 02:00	4.3	92	12	6.2	0.00
04/06/2024 02:10	4.5	93	13	6.4	0.00
04/06/2024 02:20	4.0	92	12	6.0	0.00
04/06/2024 02:30	4.3	90	12	6.4	0.00
04/06/2024 02:40	4.3	91	12	6.5	0.00
04/06/2024 02:50	3.7	92	13	6.0	0.00
04/06/2024 03:00	4.2	95	11	6.6	0.00
04/06/2024 03:10	5.0	88	12	7.2	0.00
04/06/2024 03:20	4.2	85	11	6.5	0.00
04/06/2024 03:30	5.0	84	12	7.6	0.00
04/06/2024 03:40	4.9	91	13	7.2	0.00
04/06/2024 03:50	4.7	88	12	8.1	0.00
04/06/2024 04:00	3.6	93	11	5.7	0.00
04/06/2024 04:10	4.3	93	11	6.4	0.00
04/06/2024 04:20	4.7	91	12	6.6	0.00
04/06/2024 04:30	4.8	92	10	7.0	0.00
04/06/2024 04:40	4.6	91	13	7.9	0.00
04/06/2024 04:50	5.5	94	11	7.9	0.00
04/06/2024 05:00	4.8	94	12	6.8	0.00
04/06/2024 05:10	5.1	96	13	7.3	0.00
04/06/2024 05:20	5.2	96	11	7.8	0.00
04/06/2024 05:30	4.8	98	13	6.6	0.00
04/06/2024 05:40	5.4	98	11	7.5	0.00
04/06/2024 05:50	5.6	99	11	7.8	0.00
04/06/2024 06:00	6.0	99	11	8.1	0.00
04/06/2024 06:10	6.3	99	12	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 06:20	6.4	100	12	8.9	0.00
04/06/2024 06:30	6.6	98	12	9.0	0.00
04/06/2024 06:40	7.3	93	11	9.9	0.00
04/06/2024 06:50	6.7	97	11	9.1	0.00
04/06/2024 07:00	6.2	93	10	8.3	0.00
04/06/2024 07:10	6.1	96	12	9.0	0.00
04/06/2024 07:20	6.5	94	11	9.1	0.00
04/06/2024 07:30	5.8	92	11	8.7	0.00
04/06/2024 07:40	6.7	94	12	9.3	0.00
04/06/2024 07:50	7.1	96	11	9.8	0.00
04/06/2024 08:00	6.6	94	11	8.8	0.00
04/06/2024 08:10	6.0	95	12	8.0	0.00
04/06/2024 08:20	6.7	98	11	8.9	0.00
04/06/2024 08:30	7.1	96	10	10.1	0.00
04/06/2024 08:40	7.2	97	11	9.9	0.00
04/06/2024 08:50	7.3	96	11	9.3	0.00
04/06/2024 09:00	7.4	97	11	10.3	0.00
04/06/2024 09:10	7.8	96	11	10.3	0.00
04/06/2024 09:20	8.2	97	11	11.1	0.00
04/06/2024 09:30	8.3	95	12	11.1	0.00
04/06/2024 09:40	8.2	92	13	11.5	0.00
04/06/2024 09:50	8.4	90	13	10.7	0.00
04/06/2024 10:00	8.3	88	11	11.5	0.00
04/06/2024 10:10	8.5	86	12	11.8	0.00
04/06/2024 10:20	8.1	83	13	11.2	0.00
04/06/2024 10:30	7.9	82	13	10.7	0.00
04/06/2024 10:40	8.0	88	13	11.5	0.00
04/06/2024 10:50	8.0	82	13	11.0	0.00
04/06/2024 11:00	8.1	86	14	11.6	0.00
04/06/2024 11:10	8.6	84	12	11.5	0.00
04/06/2024 11:20	8.1	82	13	11.3	0.00
04/06/2024 11:30	7.6	86	14	10.3	0.00
04/06/2024 11:40	7.8	88	12	11.8	0.00
04/06/2024 11:50	7.3	83	13	9.7	0.00
04/06/2024 12:00	8.1	79	11	11.1	0.00
04/06/2024 12:10	7.1	82	12	10.9	0.00
04/06/2024 12:20	8.1	76	11	10.9	0.00
04/06/2024 12:30	7.7	74	12	11.1	0.00
04/06/2024 12:40	7.0	78	11	10.3	0.00
04/06/2024 12:50	7.2	77	12	9.5	0.00
04/06/2024 13:00	6.7	84	12	9.2	0.00
04/06/2024 13:10	6.9	79	11	9.7	0.00
04/06/2024 13:20	6.8	78	12	9.1	0.00
04/06/2024 13:30	6.9	76	12	9.9	0.00
04/06/2024 13:40	6.4	80	12	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 13:50	6.2	78	13	8.5	0.00
04/06/2024 14:00	6.0	79	14	8.3	0.00
04/06/2024 14:10	5.8	67	12	7.8	0.00
04/06/2024 14:20	5.2	75	12	7.3	0.00
04/06/2024 14:30	5.7	69	12	8.2	0.00
04/06/2024 14:40	5.4	66	11	7.1	0.00
04/06/2024 14:50	5.9	69	13	8.0	0.00
04/06/2024 15:00	5.7	73	12	8.5	0.00
04/06/2024 15:10	5.2	66	10	7.3	0.00
04/06/2024 15:20	4.9	68	14	7.0	0.00
04/06/2024 15:30	5.5	66	11	7.3	0.00
04/06/2024 15:40	5.2	65	12	7.5	0.00
04/06/2024 15:50	5.0	70	11	6.8	0.00
04/06/2024 16:00	4.6	64	13	6.4	0.00
04/06/2024 16:10	4.3	64	13	6.0	0.00
04/06/2024 16:20	4.5	69	14	6.0	0.00
04/06/2024 16:30	4.0	68	12	5.6	0.00
04/06/2024 16:40	4.1	67	11	5.4	0.00
04/06/2024 16:50	4.3	68	11	5.6	0.00
04/06/2024 17:00	4.0	64	11	5.3	0.00
04/06/2024 17:10	3.5	68	11	5.2	0.00
04/06/2024 17:20	3.4	70	10	4.4	0.00
04/06/2024 17:30	3.0	71	9	4.0	0.00
04/06/2024 17:40	3.1	69	9	4.1	0.00
04/06/2024 17:50	3.1	75	11	4.7	0.00
04/06/2024 18:00	3.6	71	8	4.8	0.00
04/06/2024 18:10	3.1	73	8	4.1	0.00
04/06/2024 18:20	2.7	72	9	3.6	0.00
04/06/2024 18:30	2.9	70	10	4.0	0.00
04/06/2024 18:40	2.6	73	10	3.7	0.00
04/06/2024 18:50	2.6	72	11	3.6	0.00
04/06/2024 19:00	2.4	72	11	3.4	0.00
04/06/2024 19:10	2.2	73	9	3.0	0.00
04/06/2024 19:20	2.0	76	10	3.1	0.00
04/06/2024 19:30	2.0	73	8	2.7	0.00
04/06/2024 19:40	2.1	69	9	3.1	0.00
04/06/2024 19:50	1.6	71	7	2.3	0.00
04/06/2024 20:00	1.7	69	7	2.5	0.00
04/06/2024 20:10	1.2	69	10	1.9	0.00
04/06/2024 20:20	0.9	62	7	1.7	0.00
04/06/2024 20:30	1.4	60	8	2.0	0.00
04/06/2024 20:40	1.5	61	8	2.1	0.00
04/06/2024 20:50	1.5	64	7	2.0	0.00
04/06/2024 21:00	1.6	72	7	2.5	0.00
04/06/2024 21:10	1.7	72	8	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 21:20	1.9	72	7	2.4	0.00
04/06/2024 21:30	2.0	74	8	2.8	0.00
04/06/2024 21:40	2.0	76	8	2.6	0.00
04/06/2024 21:50	2.2	73	7	3.0	0.00
04/06/2024 22:00	3.0	71	9	4.1	0.00
04/06/2024 22:10	3.3	72	8	4.3	0.00
04/06/2024 22:20	2.9	76	10	3.8	0.00
04/06/2024 22:30	3.0	72	8	4.0	0.00
04/06/2024 22:40	4.0	75	9	5.5	0.00
04/06/2024 22:50	3.9	72	10	5.2	0.00
04/06/2024 23:00	3.8	70	9	4.8	0.00
04/06/2024 23:10	3.9	73	10	6.0	0.00
04/06/2024 23:20	3.6	73	10	5.2	0.00
04/06/2024 23:30	3.2	80	12	4.7	0.00
04/06/2024 23:40	3.0	87	13	4.7	0.00
04/06/2024 23:50	2.5	87	16	4.2	0.00
05/06/2024 00:00	1.4	75	14	2.4	0.00
05/06/2024 00:10	1.7	73	13	2.5	0.00
05/06/2024 00:20	2.2	81	11	3.1	0.00
05/06/2024 00:30	2.7	84	12	4.0	0.00
05/06/2024 00:40	3.2	85	11	4.2	0.00
05/06/2024 00:50	3.6	90	11	5.2	0.00
05/06/2024 01:00	4.3	88	10	6.0	0.00
05/06/2024 01:10	4.8	88	10	7.0	0.00
05/06/2024 01:20	5.0	90	11	6.7	0.00
05/06/2024 01:30	4.8	93	10	6.7	0.00
05/06/2024 01:40	4.7	92	11	6.3	0.00
05/06/2024 01:50	4.8	91	11	6.6	0.00
05/06/2024 02:00	4.4	92	11	6.1	0.00
05/06/2024 02:10	4.5	92	13	6.1	0.00
05/06/2024 02:20	3.8	89	14	5.8	0.00
05/06/2024 02:30	3.4	91	11	5.2	0.00
05/06/2024 02:40	3.5	86	11	5.4	0.00
05/06/2024 02:50	3.4	83	11	5.2	0.00
05/06/2024 03:00	4.1	89	11	6.2	0.00
05/06/2024 03:10	4.5	92	11	6.2	0.00
05/06/2024 03:20	4.2	87	11	6.2	0.00
05/06/2024 03:30	4.9	85	11	8.1	0.00
05/06/2024 03:40	5.0	76	10	6.9	0.00
05/06/2024 03:50	6.0	78	10	8.0	0.00
05/06/2024 04:00	5.6	75	11	8.3	0.00
05/06/2024 04:10	5.5	76	11	7.6	0.00
05/06/2024 04:20	5.2	76	12	7.3	0.00
05/06/2024 04:30	5.4	75	10	8.3	0.00
05/06/2024 04:40	5.6	77	11	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 04:50	5.3	80	11	8.0	0.00
05/06/2024 05:00	5.7	80	11	7.1	0.00
05/06/2024 05:10	5.4	82	11	7.4	0.00
05/06/2024 05:20	6.2	76	11	8.7	0.00
05/06/2024 05:30	6.0	79	9	8.6	0.00
05/06/2024 05:40	6.0	81	11	8.6	0.00
05/06/2024 05:50	6.9	84	12	10.7	0.00
05/06/2024 06:00	7.5	82	10	10.5	0.00
05/06/2024 06:10	7.4	87	12	10.7	0.00
05/06/2024 06:20	7.0	85	10	9.9	0.00
05/06/2024 06:30	6.1	86	11	8.4	0.00
05/06/2024 06:40	6.1	87	11	8.6	0.00
05/06/2024 06:50	5.9	90	10	8.5	0.00
05/06/2024 07:00	6.0	86	13	8.2	0.00
05/06/2024 07:10	5.6	87	11	8.4	0.00
05/06/2024 07:20	6.1	93	10	9.3	0.00
05/06/2024 07:30	6.4	94	13	8.8	0.00
05/06/2024 07:40	6.5	93	12	9.5	0.00
05/06/2024 07:50	7.3	93	12	10.7	0.00
05/06/2024 08:00	7.7	93	11	10.6	0.00
05/06/2024 08:10	6.7	92	12	9.7	0.00
05/06/2024 08:20	7.5	89	12	10.6	0.00
05/06/2024 08:30	7.9	91	11	11.1	0.00
05/06/2024 08:40	6.4	90	12	9.5	0.00
05/06/2024 08:50	6.5	90	13	9.1	0.00
05/06/2024 09:00	6.9	91	13	10.7	0.00
05/06/2024 09:10	7.2	93	13	10.7	0.00
05/06/2024 09:20	7.6	91	12	10.2	0.00
05/06/2024 09:30	8.7	90	11	11.5	0.00
05/06/2024 09:40	8.9	88	11	11.5	0.00
05/06/2024 09:50	8.7	87	12	12.1	0.00
05/06/2024 10:00	8.6	82	12	11.9	0.00
05/06/2024 10:10	8.0	86	11	10.7	0.00
05/06/2024 10:20	7.6	83	14	10.5	0.00
05/06/2024 10:30	7.4	85	12	10.8	0.00
05/06/2024 10:40	8.8	81	12	12.6	0.00
05/06/2024 10:50	8.8	78	12	11.7	0.00
05/06/2024 11:00	7.9	80	11	11.5	0.00
05/06/2024 11:10	8.3	79	11	12.3	0.00
05/06/2024 11:20	8.6	81	11	10.9	0.00
05/06/2024 11:30	7.8	81	13	12.3	0.00
05/06/2024 11:40	7.9	77	13	10.6	0.00
05/06/2024 11:50	7.2	83	13	10.0	0.00
05/06/2024 12:00	7.0	83	11	9.9	0.00
05/06/2024 12:10	7.2	78	11	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 12:20	7.0	83	13	10.2	0.00
05/06/2024 12:30	7.1	82	14	9.5	0.00
05/06/2024 12:40	7.1	78	14	10.2	0.00
05/06/2024 12:50	6.5	77	13	9.2	0.00
05/06/2024 13:00	6.7	81	11	9.9	0.00
05/06/2024 13:10	5.9	77	13	8.8	0.00
05/06/2024 13:20	6.3	71	12	9.1	0.00
05/06/2024 13:30	6.6	66	11	9.0	0.00
05/06/2024 13:40	6.3	76	10	8.8	0.00
05/06/2024 13:50	7.1	79	12	9.9	0.00
05/06/2024 14:00	6.8	71	11	9.0	0.00
05/06/2024 14:10	6.3	70	12	8.8	0.00
05/06/2024 14:20	6.0	77	12	8.6	0.00
05/06/2024 14:30	5.2	80	13	7.4	0.00
05/06/2024 14:40	6.1	78	12	8.7	0.00
05/06/2024 14:50	5.4	73	13	7.9	0.00
05/06/2024 15:00	5.6	78	14	7.6	0.00
05/06/2024 15:10	6.3	71	10	8.4	0.00
05/06/2024 15:20	5.6	70	10	7.9	0.00
05/06/2024 15:30	6.0	68	11	8.0	0.00
05/06/2024 15:40	5.5	67	11	7.9	0.00
05/06/2024 15:50	5.5	68	12	8.3	0.00
05/06/2024 16:00	5.3	72	11	7.4	0.00
05/06/2024 16:10	5.3	75	11	6.5	0.00
05/06/2024 16:20	4.6	69	11	6.0	0.00
05/06/2024 16:30	4.7	76	11	6.4	0.00
05/06/2024 16:40	4.3	69	13	5.9	0.00
05/06/2024 16:50	3.2	74	13	4.6	0.00
05/06/2024 17:00	3.7	76	13	5.1	0.00
05/06/2024 17:10	3.5	69	11	5.0	0.00
05/06/2024 17:20	3.1	71	11	4.5	0.00
05/06/2024 17:30	3.2	73	10	4.2	0.00
05/06/2024 17:40	2.6	66	10	3.6	0.00
05/06/2024 17:50	2.2	48	11	3.3	0.00
05/06/2024 18:00	2.2	50	11	3.3	0.00
05/06/2024 18:10	2.4	51	11	3.2	0.00
05/06/2024 18:20	1.0	43	8	1.9	0.00
05/06/2024 18:30					0.00
05/06/2024 18:40					0.00
05/06/2024 18:50					0.00
05/06/2024 19:00					0.00
05/06/2024 19:10					0.00
05/06/2024 19:20					0.00
05/06/2024 19:30					0.00
05/06/2024 19:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 19:50					0.00
05/06/2024 20:00					0.00
05/06/2024 20:10					0.00
05/06/2024 20:20					0.00
05/06/2024 20:30					0.00
05/06/2024 20:40					0.00
05/06/2024 20:50					0.00
05/06/2024 21:00					0.00
05/06/2024 21:10					0.00
05/06/2024 21:20					0.00
05/06/2024 21:30					0.00
05/06/2024 21:40					0.00
05/06/2024 21:50					0.00
05/06/2024 22:00					0.00
05/06/2024 22:10					0.00
05/06/2024 22:20					0.00
05/06/2024 22:30					0.00
05/06/2024 22:40					0.00
05/06/2024 22:50					0.00
05/06/2024 23:00					0.00
05/06/2024 23:10					0.00
05/06/2024 23:20					0.00
05/06/2024 23:30					0.00
05/06/2024 23:40					0.00
05/06/2024 23:50					0.00
06/06/2024 00:00					0.00
06/06/2024 00:10					0.00
06/06/2024 00:20					0.00
06/06/2024 00:30					0.00
06/06/2024 00:40	0.7	65	4	2.4	0.00
06/06/2024 00:50	1.9	70	9	2.8	0.00
06/06/2024 01:00	1.9	73	10	2.4	0.00
06/06/2024 01:10	2.0	76	11	3.0	0.00
06/06/2024 01:20	1.7	76	11	2.4	0.00
06/06/2024 01:30	2.3	80	12	3.2	0.00
06/06/2024 01:40	2.1	86	12	3.6	0.00
06/06/2024 01:50	3.1	89	11	4.5	0.00
06/06/2024 02:00	2.5	84	12	3.9	0.00
06/06/2024 02:10	2.8	79	10	4.0	0.00
06/06/2024 02:20	3.7	79	11	5.6	0.00
06/06/2024 02:30	4.1	76	9	5.7	0.00
06/06/2024 02:40	3.6	80	10	4.8	0.00
06/06/2024 02:50	3.7	79	11	5.1	0.00
06/06/2024 03:00	4.1	76	12	5.5	0.00
06/06/2024 03:10	4.4	77	12	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 03:20	3.5	86	11	5.4	0.00
06/06/2024 03:30	4.6	93	10	6.3	0.00
06/06/2024 03:40	4.3	92	10	6.0	0.00
06/06/2024 03:50	3.7	89	12	5.8	0.00
06/06/2024 04:00	3.3	84	11	5.2	0.00
06/06/2024 04:10	3.9	80	11	5.1	0.00
06/06/2024 04:20	4.8	81	10	6.6	0.00
06/06/2024 04:30	5.4	82	12	7.7	0.00
06/06/2024 04:40	4.9	82	10	7.3	0.00
06/06/2024 04:50	5.0	82	11	6.9	0.00
06/06/2024 05:00	4.3	88	11	6.0	0.00
06/06/2024 05:10	4.4	92	10	5.9	0.00
06/06/2024 05:20	4.5	92	10	6.0	0.00
06/06/2024 05:30	3.8	93	12	5.6	0.00
06/06/2024 05:40	3.9	94	12	5.6	0.00
06/06/2024 05:50	3.6	93	10	5.0	0.00
06/06/2024 06:00	3.8	90	12	5.8	0.00
06/06/2024 06:10	3.6	83	11	4.8	0.00
06/06/2024 06:20	3.6	82	10	5.2	0.00
06/06/2024 06:30	4.2	76	10	5.7	0.00
06/06/2024 06:40	4.5	77	10	6.1	0.00
06/06/2024 06:50	4.7	78	10	6.1	0.00
06/06/2024 07:00	4.9	78	9	6.8	0.00
06/06/2024 07:10	4.2	81	12	5.8	0.00
06/06/2024 07:20	4.6	79	12	6.3	0.00
06/06/2024 07:30	4.4	81	12	6.0	0.00
06/06/2024 07:40	4.3	81	12	6.4	0.00
06/06/2024 07:50	4.2	85	12	6.4	0.00
06/06/2024 08:00	4.0	92	13	5.6	0.00
06/06/2024 08:10	4.0	100	13	6.2	0.00
06/06/2024 08:20	4.7	96	14	7.2	0.00
06/06/2024 08:30	4.9	100	12	6.7	0.00
06/06/2024 08:40	5.5	96	11	7.2	0.00
06/06/2024 08:50	5.2	89	13	7.5	0.00
06/06/2024 09:00	5.6	86	12	8.6	0.00
06/06/2024 09:10	5.7	90	12	8.3	0.00
06/06/2024 09:20	6.3	82	12	8.7	0.00
06/06/2024 09:30	6.7	85	12	9.4	0.00
06/06/2024 09:40	6.9	87	13	9.0	0.00
06/06/2024 09:50	7.3	76	13	9.7	0.00
06/06/2024 10:00	6.8	83	13	9.1	0.00
06/06/2024 10:10	7.2	80	11	10.2	0.00
06/06/2024 10:20	8.0	78	11	11.0	0.00
06/06/2024 10:30	7.8	75	12	11.5	0.00
06/06/2024 10:40	7.7	76	11	11.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 10:50	7.3	77	12	10.5	0.00
06/06/2024 11:00	8.1	78	12	10.5	0.00
06/06/2024 11:10	7.2	78	12	10.3	0.00
06/06/2024 11:20	8.5	80	11	12.5	0.00
06/06/2024 11:30	7.5	83	12	10.8	0.00
06/06/2024 11:40	8.1	74	10	10.8	0.00
06/06/2024 11:50	7.7	78	12	10.7	0.00
06/06/2024 12:00	7.9	77	12	11.6	0.00
06/06/2024 12:10	7.7	73	11	11.2	0.00
06/06/2024 12:20	7.5	75	12	9.7	0.00
06/06/2024 12:30	6.7	78	11	9.3	0.00
06/06/2024 12:40	6.9	77	13	9.4	0.00
06/06/2024 12:50	7.1	77	12	9.7	0.00
06/06/2024 13:00	7.5	67	11	10.3	0.00
06/06/2024 13:10	7.4	67	11	10.6	0.00
06/06/2024 13:20	7.3	70	12	10.7	0.00
06/06/2024 13:30	6.7	71	11	9.4	0.00
06/06/2024 13:40	6.5	64	12	8.9	0.00
06/06/2024 13:50	6.4	66	12	9.2	0.00
06/06/2024 14:00	6.4	69	11	9.1	0.00
06/06/2024 14:10	6.4	62	11	8.3	0.00
06/06/2024 14:20	6.3	68	12	8.2	0.00
06/06/2024 14:30	5.7	71	12	7.9	0.00
06/06/2024 14:40	5.5	73	14	7.5	0.00
06/06/2024 14:50	5.0	61	13	7.1	0.00
06/06/2024 15:00	5.4	56	12	7.6	0.00
06/06/2024 15:10	5.7	58	12	7.7	0.00
06/06/2024 15:20	4.8	54	13	6.9	0.00
06/06/2024 15:30	4.9	52	14	6.7	0.00
06/06/2024 15:40	5.1	46	11	6.8	0.00
06/06/2024 15:50	4.8	56	12	6.8	0.00
06/06/2024 16:00	4.8	52	12	6.5	0.00
06/06/2024 16:10	4.2	51	11	6.1	0.00
06/06/2024 16:20	4.5	55	14	6.0	0.00
06/06/2024 16:30	3.8	55	14	5.4	0.00
06/06/2024 16:40	3.9	45	15	5.1	0.00
06/06/2024 16:50	3.2	55	11	4.7	0.00
06/06/2024 17:00	2.9	59	14	4.1	0.00
06/06/2024 17:10	3.2	56	12	4.5	0.00
06/06/2024 17:20	3.3	51	12	5.2	0.00
06/06/2024 17:30	3.2	48	12	4.8	0.00
06/06/2024 17:40	3.0	39	14	4.5	0.00
06/06/2024 17:50	2.9	41	11	4.4	0.00
06/06/2024 18:00	2.5	40	11	4.3	0.00
06/06/2024 18:10	1.5	41	10	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 18:20	1.4	42	7	1.9	0.00
06/06/2024 18:30	1.7	37	8	2.3	0.00
06/06/2024 18:40	0.3	40	4	1.6	0.00
06/06/2024 18:50					0.00
06/06/2024 19:00					0.00
06/06/2024 19:10					0.00
06/06/2024 19:20					0.00
06/06/2024 19:30					0.00
06/06/2024 19:40					0.00
06/06/2024 19:50	1.4	35	5	1.7	0.00
06/06/2024 20:00	1.6	37	4	1.9	0.00
06/06/2024 20:10	1.4	37	7	1.9	0.00
06/06/2024 20:20					0.00
06/06/2024 20:30					0.00
06/06/2024 20:40					0.00
06/06/2024 20:50					0.00
06/06/2024 21:00	1.4	29	4	2.3	0.00
06/06/2024 21:10	2.0	30	8	2.4	0.00
06/06/2024 21:20	2.2	36	5	2.5	0.00
06/06/2024 21:30	2.4	34	9	3.2	0.00
06/06/2024 21:40	2.0	43	11	2.9	0.00
06/06/2024 21:50	1.7	42	11	2.5	0.00
06/06/2024 22:00	1.8	46	6	2.3	0.00
06/06/2024 22:10	1.9	39	6	2.4	0.00
06/06/2024 22:20	1.8	40	5	2.0	0.00
06/06/2024 22:30	1.6	37	5	2.0	0.00
06/06/2024 22:40	1.8	33	6	2.1	0.00
06/06/2024 22:50	0.7	41	4	1.3	0.00
06/06/2024 23:00					0.00
06/06/2024 23:10	0.5	41	5	1.1	0.00
06/06/2024 23:20	0.1	43	2	0.8	0.00
06/06/2024 23:30	0.9	33	3	1.3	0.00
06/06/2024 23:40	1.0	29	4	1.4	0.00
06/06/2024 23:50					0.00
07/06/2024 00:00					0.00
07/06/2024 00:10					0.00
07/06/2024 00:20					0.00
07/06/2024 00:30					0.00
07/06/2024 00:40					0.00
07/06/2024 00:50					0.00
07/06/2024 01:00					0.00
07/06/2024 01:10					0.00
07/06/2024 01:20					0.00
07/06/2024 01:30					0.00
07/06/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 01:50					0.00
07/06/2024 02:00	0.5	218	11	1.7	0.00
07/06/2024 02:10					0.00
07/06/2024 02:20					0.00
07/06/2024 02:30					0.00
07/06/2024 02:40	0.2	134	14	1.9	0.00
07/06/2024 02:50	0.5	146	25	1.5	0.00
07/06/2024 03:00					0.00
07/06/2024 03:10	0.3	191	33	1.4	0.00
07/06/2024 03:20	0.1	44	8	0.7	0.00
07/06/2024 03:30	0.3	350	27	1.4	0.00
07/06/2024 03:40					0.00
07/06/2024 03:50	0.1	8	4	1.2	0.00
07/06/2024 04:00					0.00
07/06/2024 04:10					0.00
07/06/2024 04:20					0.00
07/06/2024 04:30					0.00
07/06/2024 04:40					0.00
07/06/2024 04:50					0.00
07/06/2024 05:00	1.1	53	12	1.9	0.00
07/06/2024 05:10	2.1	74	13	3.1	0.00
07/06/2024 05:20	2.1	83	17	3.9	0.00
07/06/2024 05:30	2.5	81	14	4.3	0.00
07/06/2024 05:40	2.9	80	11	4.2	0.00
07/06/2024 05:50	2.7	82	12	3.8	0.00
07/06/2024 06:00	2.7	87	12	4.1	0.00
07/06/2024 06:10	3.5	88	12	5.0	0.00
07/06/2024 06:20	3.6	90	13	4.9	0.00
07/06/2024 06:30	3.8	93	11	5.4	0.00
07/06/2024 06:40	3.5	94	10	5.0	0.00
07/06/2024 06:50	2.7	90	12	4.1	0.00
07/06/2024 07:00	2.7	89	11	4.3	0.00
07/06/2024 07:10	3.0	89	12	4.0	0.00
07/06/2024 07:20	3.2	90	12	4.4	0.00
07/06/2024 07:30	2.5	102	13	3.9	0.00
07/06/2024 07:40	2.1	113	16	3.2	0.00
07/06/2024 07:50	2.5	130	18	3.6	0.00
07/06/2024 08:00	2.5	120	17	4.0	0.00
07/06/2024 08:10	2.6	113	14	3.6	0.00
07/06/2024 08:20	2.3	107	17	3.3	0.00
07/06/2024 08:30	2.6	117	18	3.9	0.00
07/06/2024 08:40	3.4	94	11	5.4	0.00
07/06/2024 08:50	4.1	94	11	6.2	0.00
07/06/2024 09:00	4.0	88	12	6.0	0.00
07/06/2024 09:10	3.8	89	14	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 09:20	4.0	94	14	5.6	0.00
07/06/2024 09:30	3.9	91	13	6.0	0.00
07/06/2024 09:40	3.9	82	14	6.0	0.00
07/06/2024 09:50	4.2	87	15	5.9	0.00
07/06/2024 10:00	5.6	78	12	8.2	0.00
07/06/2024 10:10	5.7	76	12	7.8	0.00
07/06/2024 10:20	6.1	77	12	9.0	0.00
07/06/2024 10:30	7.1	74	10	9.6	0.00
07/06/2024 10:40	6.6	80	10	8.8	0.00
07/06/2024 10:50	6.1	78	10	8.8	0.00
07/06/2024 11:00	5.6	80	12	7.9	0.00
07/06/2024 11:10	5.6	79	13	7.5	0.00
07/06/2024 11:20	5.8	79	12	8.3	0.00
07/06/2024 11:30	6.1	73	11	8.5	0.00
07/06/2024 11:40	5.9	77	14	8.5	0.00
07/06/2024 11:50	5.6	79	13	7.7	0.00
07/06/2024 12:00	5.7	75	15	8.3	0.00
07/06/2024 12:10	5.5	83	11	8.4	0.00
07/06/2024 12:20	5.8	75	12	7.9	0.00
07/06/2024 12:30	5.3	81	17	7.5	0.00
07/06/2024 12:40	5.5	82	12	7.5	0.00
07/06/2024 12:50	4.7	77	14	6.0	0.00
07/06/2024 13:00	5.4	68	14	7.5	0.00
07/06/2024 13:10	5.3	67	14	7.6	0.00
07/06/2024 13:20	5.3	71	14	7.5	0.00
07/06/2024 13:30	5.5	61	13	7.3	0.00
07/06/2024 13:40	5.4	68	12	7.4	0.00
07/06/2024 13:50	4.9	59	12	7.0	0.00
07/06/2024 14:00	5.2	58	12	6.8	0.00
07/06/2024 14:10	4.6	53	15	6.3	0.00
07/06/2024 14:20	4.3	63	14	6.0	0.00
07/06/2024 14:30	4.0	49	14	5.8	0.00
07/06/2024 14:40	4.4	48	14	6.4	0.00
07/06/2024 14:50	4.7	55	11	6.2	0.00
07/06/2024 15:00	4.5	47	11	6.4	0.00
07/06/2024 15:10	4.5	51	14	6.0	0.00
07/06/2024 15:20	4.2	50	12	6.0	0.00
07/06/2024 15:30	5.0	59	14	6.6	0.00
07/06/2024 15:40	4.5	50	13	6.5	0.00
07/06/2024 15:50	4.5	52	13	6.4	0.00
07/06/2024 16:00	4.2	51	13	6.1	0.00
07/06/2024 16:10	4.5	53	10	6.7	0.00
07/06/2024 16:20	4.3	40	11	5.9	0.00
07/06/2024 16:30	4.0	44	12	5.5	0.00
07/06/2024 16:40	4.0	44	11	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 16:50	3.8	46	10	5.2	0.00
07/06/2024 17:00	3.5	45	12	5.1	0.00
07/06/2024 17:10	3.0	43	12	4.0	0.00
07/06/2024 17:20	3.3	43	10	4.4	0.00
07/06/2024 17:30	2.6	44	11	3.6	0.00
07/06/2024 17:40	2.0	42	11	2.9	0.00
07/06/2024 17:50	1.8	50	10	2.7	0.00
07/06/2024 18:00	2.2	40	9	3.0	0.00
07/06/2024 18:10	2.6	34	11	3.6	0.00
07/06/2024 18:20	2.3	40	10	3.1	0.00
07/06/2024 18:30	1.9	45	8	2.6	0.00
07/06/2024 18:40	2.1	40	9	2.8	0.00
07/06/2024 18:50	2.1	40	9	3.0	0.00
07/06/2024 19:00	1.5	41	7	2.4	0.00
07/06/2024 19:10					0.00
07/06/2024 19:20					0.00
07/06/2024 19:30					0.00
07/06/2024 19:40					0.00
07/06/2024 19:50	1.0	44	5	1.7	0.00
07/06/2024 20:00	1.6	42	5	2.0	0.00
07/06/2024 20:10	2.0	39	5	2.4	0.00
07/06/2024 20:20	2.0	40	5	2.4	0.00
07/06/2024 20:30	1.9	41	5	2.3	0.00
07/06/2024 20:40	1.9	38	5	2.3	0.00
07/06/2024 20:50	2.0	41	5	2.3	0.00
07/06/2024 21:00	2.1	36	5	2.4	0.00
07/06/2024 21:10	2.0	38	5	2.3	0.00
07/06/2024 21:20	1.9	38	5	2.2	0.00
07/06/2024 21:30	1.8	39	4	2.0	0.00
07/06/2024 21:40	1.5	42	4	1.9	0.00
07/06/2024 21:50	1.3	36	4	1.6	0.00
07/06/2024 22:00	1.2	35	2	1.5	0.00
07/06/2024 22:10	0.0	31	0	1.2	0.00
07/06/2024 22:20	0.8	43	6	1.9	0.00
07/06/2024 22:30	1.3	50	5	1.6	0.00
07/06/2024 22:40	0.4	39	1	1.4	0.00
07/06/2024 22:50					0.00
07/06/2024 23:00					0.00
07/06/2024 23:10					0.00
07/06/2024 23:20					0.00
07/06/2024 23:30					0.00
07/06/2024 23:40					0.00
07/06/2024 23:50					0.00
08/06/2024 00:00					0.00
08/06/2024 00:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 00:20					0.00
08/06/2024 00:30					0.00
08/06/2024 00:40					0.00
08/06/2024 00:50					0.00
08/06/2024 01:00					0.00
08/06/2024 01:10					0.00
08/06/2024 01:20					0.00
08/06/2024 01:30					0.00
08/06/2024 01:40	0.7	163	29	3.5	0.00
08/06/2024 01:50	0.6	103	20	2.4	0.00
08/06/2024 02:00	0.4	140	30	2.0	0.00
08/06/2024 02:10	0.1	104	7	0.9	0.00
08/06/2024 02:20					0.00
08/06/2024 02:30					0.00
08/06/2024 02:40	1.1	111	17	2.0	0.00
08/06/2024 02:50	0.5	86	10	1.6	0.00
08/06/2024 03:00					0.00
08/06/2024 03:10					0.00
08/06/2024 03:20					0.00
08/06/2024 03:30	1.4	109	9	2.3	0.00
08/06/2024 03:40	0.8	105	7	2.2	0.00
08/06/2024 03:50	1.6	105	12	2.8	0.00
08/06/2024 04:00	1.2	96	10	1.9	0.00
08/06/2024 04:10	1.4	94	9	2.0	0.00
08/06/2024 04:20	0.9	95	5	1.8	0.00
08/06/2024 04:30					0.00
08/06/2024 04:40					0.00
08/06/2024 04:50					0.00
08/06/2024 05:00					0.00
08/06/2024 05:10					0.00
08/06/2024 05:20					0.00
08/06/2024 05:30					0.00
08/06/2024 05:40	1.4	88	11	2.3	0.00
08/06/2024 05:50	1.7	88	10	2.4	0.00
08/06/2024 06:00	1.4	91	10	1.8	0.00
08/06/2024 06:10	1.2	85	10	1.8	0.00
08/06/2024 06:20	1.4	80	8	2.4	0.00
08/06/2024 06:30	1.4	99	8	2.1	0.00
08/06/2024 06:40					0.00
08/06/2024 06:50	1.1	92	6	2.9	0.00
08/06/2024 07:00	1.7	92	8	2.4	0.00
08/06/2024 07:10	1.7	94	8	2.4	0.00
08/06/2024 07:20	1.9	92	10	2.7	0.00
08/06/2024 07:30	1.8	99	8	2.4	0.00
08/06/2024 07:40	1.9	92	10	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 07:50	2.6	110	11	3.7	0.00
08/06/2024 08:00	2.7	113	11	3.6	0.00
08/06/2024 08:10	2.6	112	13	3.7	0.00
08/06/2024 08:20	2.9	105	11	3.7	0.00
08/06/2024 08:30	3.1	98	13	4.3	0.00
08/06/2024 08:40	3.8	92	11	5.4	0.00
08/06/2024 08:50	4.2	86	10	5.3	0.00
08/06/2024 09:00	4.3	87	11	5.9	0.00
08/06/2024 09:10	4.1	93	10	5.6	0.00
08/06/2024 09:20	4.6	97	10	6.5	0.00
08/06/2024 09:30	4.0	98	12	5.5	0.00
08/06/2024 09:40	3.9	92	12	5.4	0.00
08/06/2024 09:50	4.4	94	12	5.6	0.00
08/06/2024 10:00	4.3	103	14	6.2	0.00
08/06/2024 10:10	4.5	91	14	6.2	0.00
08/06/2024 10:20	3.8	83	16	5.6	0.00
08/06/2024 10:30	4.0	91	13	5.8	0.00
08/06/2024 10:40	4.2	84	12	6.3	0.00
08/06/2024 10:50	4.5	74	12	6.3	0.00
08/06/2024 11:00	3.9	77	13	5.4	0.00
08/06/2024 11:10	3.5	69	16	5.4	0.00
08/06/2024 11:20	3.4	54	13	5.2	0.00
08/06/2024 11:30	3.8	57	16	5.7	0.00
08/06/2024 11:40	4.4	54	14	6.4	0.00
08/06/2024 11:50	5.1	53	13	7.0	0.00
08/06/2024 12:00	5.2	61	14	7.3	0.00
08/06/2024 12:10	4.7	61	13	6.4	0.00
08/06/2024 12:20	4.6	76	13	6.5	0.00
08/06/2024 12:30	4.9	77	11	6.8	0.00
08/06/2024 12:40	5.4	79	11	7.5	0.00
08/06/2024 12:50	5.3	67	15	7.5	0.00
08/06/2024 13:00	5.7	66	11	7.8	0.00
08/06/2024 13:10	5.6	75	11	7.8	0.00
08/06/2024 13:20	5.6	69	12	7.6	0.00
08/06/2024 13:30	5.6	75	11	7.8	0.00
08/06/2024 13:40	5.9	67	11	7.6	0.00
08/06/2024 13:50	5.7	77	11	7.9	0.00
08/06/2024 14:00	5.6	75	11	7.2	0.00
08/06/2024 14:10	5.5	73	13	7.9	0.00
08/06/2024 14:20	5.5	68	11	7.4	0.00
08/06/2024 14:30	5.1	74	14	6.7	0.00
08/06/2024 14:40	5.3	74	11	7.5	0.00
08/06/2024 14:50	4.7	67	14	6.8	0.00
08/06/2024 15:00	4.6	60	14	6.3	0.00
08/06/2024 15:10	4.6	61	14	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 15:20	4.5	63	14	6.5	0.00
08/06/2024 15:30	3.9	56	15	6.0	0.00
08/06/2024 15:40	3.8	51	14	5.6	0.00
08/06/2024 15:50	3.6	59	13	5.6	0.00
08/06/2024 16:00	3.9	64	14	5.6	0.00
08/06/2024 16:10	3.2	57	12	5.1	0.00
08/06/2024 16:20	3.5	59	14	5.1	0.00
08/06/2024 16:30	3.3	46	14	5.1	0.00
08/06/2024 16:40	3.4	46	11	4.8	0.00
08/06/2024 16:50	3.4	53	11	5.1	0.00
08/06/2024 17:00	3.1	44	11	4.4	0.00
08/06/2024 17:10	2.7	44	13	4.0	0.00
08/06/2024 17:20	2.8	43	14	3.6	0.00
08/06/2024 17:30	2.8	31	13	4.1	0.00
08/06/2024 17:40	3.0	36	11	4.0	0.00
08/06/2024 17:50	3.1	38	10	4.0	0.00
08/06/2024 18:00	2.8	41	10	3.4	0.00
08/06/2024 18:10	2.6	38	12	3.6	0.00
08/06/2024 18:20	2.6	51	11	3.6	0.00
08/06/2024 18:30	2.2	60	10	3.0	0.00
08/06/2024 18:40	2.3	64	9	3.0	0.00
08/06/2024 18:50	1.2	35	15	2.1	0.00
08/06/2024 19:00	1.8	57	9	2.4	0.00
08/06/2024 19:10	1.6	54	8	2.0	0.00
08/06/2024 19:20	1.6	58	6	2.0	0.00
08/06/2024 19:30	1.5	56	8	2.0	0.00
08/06/2024 19:40	2.4	63	7	3.0	0.00
08/06/2024 19:50	2.0	63	7	2.5	0.00
08/06/2024 20:00	1.8	67	6	2.4	0.00
08/06/2024 20:10	1.3	64	7	2.0	0.00
08/06/2024 20:20					0.00
08/06/2024 20:30	1.3	59	6	2.2	0.00
08/06/2024 20:40	1.6	61	7	2.0	0.00
08/06/2024 20:50	1.2	65	7	1.6	0.00
08/06/2024 21:00	0.2	67	1	1.1	0.00
08/06/2024 21:10					0.00
08/06/2024 21:20					0.00
08/06/2024 21:30					0.00
08/06/2024 21:40					0.00
08/06/2024 21:50					0.00
08/06/2024 22:00					0.00
08/06/2024 22:10					0.00
08/06/2024 22:20					0.00
08/06/2024 22:30					0.00
08/06/2024 22:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 22:50					0.00
08/06/2024 23:00					0.00
08/06/2024 23:10					0.00
08/06/2024 23:20					0.00
08/06/2024 23:30	0.4	37	2	1.7	0.00
08/06/2024 23:40	1.5	37	4	1.8	0.00
08/06/2024 23:50	0.5	31	2	1.6	0.00
09/06/2024 00:00					0.00
09/06/2024 00:10					0.00
09/06/2024 00:20					0.00
09/06/2024 00:30					0.00
09/06/2024 00:40					0.00
09/06/2024 00:50					0.00
09/06/2024 01:00					0.00
09/06/2024 01:10					0.00
09/06/2024 01:20					0.00
09/06/2024 01:30					0.00
09/06/2024 01:40					0.00
09/06/2024 01:50					0.00
09/06/2024 02:00					0.00
09/06/2024 02:10					0.00
09/06/2024 02:20					0.00
09/06/2024 02:30					0.00
09/06/2024 02:40					0.00
09/06/2024 02:50					0.00
09/06/2024 03:00					0.00
09/06/2024 03:10					0.00
09/06/2024 03:20					0.00
09/06/2024 03:30					0.00
09/06/2024 03:40					0.00
09/06/2024 03:50					0.00
09/06/2024 04:00	0.0	267	1	0.4	0.00
09/06/2024 04:10	0.0	88	0	0.4	0.00
09/06/2024 04:20					0.00
09/06/2024 04:30					0.00
09/06/2024 04:40					0.00
09/06/2024 04:50					0.00
09/06/2024 05:00					0.00
09/06/2024 05:10					0.00
09/06/2024 05:20	0.0	256	0	0.4	0.00
09/06/2024 05:30					0.00
09/06/2024 05:40					0.00
09/06/2024 05:50					0.00
09/06/2024 06:00					0.00
09/06/2024 06:10	0.5	96	9	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 06:20	0.6	120	19	2.0	0.00
09/06/2024 06:30	1.7	109	15	2.7	0.00
09/06/2024 06:40	2.4	105	10	3.3	0.00
09/06/2024 06:50	2.3	100	12	3.2	0.00
09/06/2024 07:00	1.7	100	12	2.7	0.00
09/06/2024 07:10	1.7	100	12	2.6	0.00
09/06/2024 07:20	2.3	92	10	3.2	0.00
09/06/2024 07:30	2.3	98	10	3.3	0.00
09/06/2024 07:40	2.6	92	10	3.7	0.00
09/06/2024 07:50	2.5	93	12	3.5	0.00
09/06/2024 08:00	2.4	89	11	3.4	0.00
09/06/2024 08:10	2.6	89	13	3.6	0.00
09/06/2024 08:20	2.8	93	12	4.1	0.00
09/06/2024 08:30	3.4	84	11	4.4	0.00
09/06/2024 08:40	3.3	85	12	4.6	0.00
09/06/2024 08:50	3.5	84	12	4.4	0.00
09/06/2024 09:00	3.7	87	12	5.1	0.00
09/06/2024 09:10	3.7	86	14	5.2	0.00
09/06/2024 09:20	3.8	90	13	5.2	0.00
09/06/2024 09:30	3.5	92	13	4.8	0.00
09/06/2024 09:40	3.9	89	13	5.2	0.00
09/06/2024 09:50	3.6	88	13	5.1	0.00
09/06/2024 10:00	4.0	87	11	5.2	0.00
09/06/2024 10:10	3.8	89	13	5.0	0.00
09/06/2024 10:20	3.6	90	13	5.2	0.00
09/06/2024 10:30	3.4	95	13	4.9	0.00
09/06/2024 10:40	3.8	92	13	5.2	0.00
09/06/2024 10:50	3.8	107	12	5.1	0.00
09/06/2024 11:00	3.7	90	15	5.9	0.00
09/06/2024 11:10	4.2	81	14	6.0	0.00
09/06/2024 11:20	4.4	68	11	6.0	0.00
09/06/2024 11:30	4.7	71	10	6.4	0.00
09/06/2024 11:40	4.3	77	11	5.9	0.00
09/06/2024 11:50	4.4	85	13	6.2	0.00
09/06/2024 12:00	4.0	81	13	5.4	0.00
09/06/2024 12:10	4.7	74	12	6.9	0.00
09/06/2024 12:20	4.6	71	12	6.0	0.00
09/06/2024 12:30	4.0	77	13	5.6	0.00
09/06/2024 12:40	4.5	87	12	6.4	0.00
09/06/2024 12:50	4.3	88	14	6.3	0.00
09/06/2024 13:00	4.6	87	13	6.3	0.00
09/06/2024 13:10	4.7	80	12	6.3	0.00
09/06/2024 13:20	5.0	78	9	6.8	0.00
09/06/2024 13:30	4.9	81	14	6.4	0.00
09/06/2024 13:40	4.6	79	14	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 13:50	4.4	75	11	6.0	0.00
09/06/2024 14:00	4.3	72	12	6.2	0.00
09/06/2024 14:10	4.7	71	10	6.3	0.00
09/06/2024 14:20	4.5	80	11	6.1	0.00
09/06/2024 14:30	4.8	68	11	6.7	0.00
09/06/2024 14:40	4.6	72	11	6.4	0.00
09/06/2024 14:50	5.0	75	10	6.7	0.00
09/06/2024 15:00	4.9	79	11	6.5	0.00
09/06/2024 15:10	4.7	79	12	6.1	0.00
09/06/2024 15:20	4.8	72	12	6.5	0.00
09/06/2024 15:30	5.0	77	11	6.3	0.00
09/06/2024 15:40	4.7	76	11	6.0	0.00
09/06/2024 15:50	4.1	70	11	5.6	0.00
09/06/2024 16:00	3.3	75	16	4.8	0.00
09/06/2024 16:10	3.0	75	14	4.5	0.00
09/06/2024 16:20	3.6	83	12	4.9	0.00
09/06/2024 16:30	3.4	87	12	4.8	0.00
09/06/2024 16:40	3.6	77	13	5.0	0.00
09/06/2024 16:50	3.6	82	11	4.8	0.00
09/06/2024 17:00	3.3	82	12	4.6	0.00
09/06/2024 17:10	3.6	78	11	4.9	0.00
09/06/2024 17:20	2.7	77	12	4.2	0.00
09/06/2024 17:30	2.5	79	11	3.5	0.00
09/06/2024 17:40	2.0	87	11	3.0	0.00
09/06/2024 17:50	1.9	92	11	3.0	0.00
09/06/2024 18:00	2.1	77	10	3.6	0.00
09/06/2024 18:10	2.3	72	11	3.4	0.00
09/06/2024 18:20	2.1	66	9	2.8	0.00
09/06/2024 18:30	0.9	66	9	2.0	0.00
09/06/2024 18:40					0.00
09/06/2024 18:50					0.00
09/06/2024 19:00					0.00
09/06/2024 19:10	0.8	72	8	2.3	0.00
09/06/2024 19:20	1.5	78	12	2.8	0.00
09/06/2024 19:30	0.8	64	6	1.9	0.00
09/06/2024 19:40					0.00
09/06/2024 19:50					0.00
09/06/2024 20:00	0.0	61	0	1.7	0.00
09/06/2024 20:10	0.2	83	4	1.9	0.00
09/06/2024 20:20					0.00
09/06/2024 20:30					0.00
09/06/2024 20:40					0.00
09/06/2024 20:50					0.00
09/06/2024 21:00					0.00
09/06/2024 21:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 21:20					0.00
09/06/2024 21:30					0.00
09/06/2024 21:40					0.00
09/06/2024 21:50					0.00
09/06/2024 22:00					0.00
09/06/2024 22:10					0.00
09/06/2024 22:20					0.00
09/06/2024 22:30					0.00
09/06/2024 22:40					0.00
09/06/2024 22:50					0.00
09/06/2024 23:00					0.00
09/06/2024 23:10					0.00
09/06/2024 23:20					0.00
09/06/2024 23:30					0.00
09/06/2024 23:40					0.00
09/06/2024 23:50					0.00
10/06/2024 00:00					0.00
10/06/2024 00:10					0.00
10/06/2024 00:20					0.00
10/06/2024 00:30					0.00
10/06/2024 00:40					0.00
10/06/2024 00:50					0.00
10/06/2024 01:00					0.00
10/06/2024 01:10					0.00
10/06/2024 01:20					0.00
10/06/2024 01:30					0.00
10/06/2024 01:40					0.00
10/06/2024 01:50					0.00
10/06/2024 02:00					0.00
10/06/2024 02:10					0.00
10/06/2024 02:20					0.00
10/06/2024 02:30					0.00
10/06/2024 02:40					0.00
10/06/2024 02:50					0.00
10/06/2024 03:00					0.00
10/06/2024 03:10					0.00
10/06/2024 03:20					0.00
10/06/2024 03:30					0.00
10/06/2024 03:40					0.00
10/06/2024 03:50					0.00
10/06/2024 04:00					0.00
10/06/2024 04:10					0.00
10/06/2024 04:20					0.00
10/06/2024 04:30					0.00
10/06/2024 04:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 04:50					0.00
10/06/2024 05:00					0.00
10/06/2024 05:10					0.00
10/06/2024 05:20					0.00
10/06/2024 05:30					0.00
10/06/2024 05:40					0.00
10/06/2024 05:50					0.00
10/06/2024 06:00					0.00
10/06/2024 06:10					0.00
10/06/2024 06:20					0.00
10/06/2024 06:30					0.00
10/06/2024 06:40					0.00
10/06/2024 06:50					0.00
10/06/2024 07:00					0.00
10/06/2024 07:10					0.00
10/06/2024 07:20					0.00
10/06/2024 07:30	0.5	94	6	1.4	0.00
10/06/2024 07:40	1.3	90	12	2.3	0.00
10/06/2024 07:50	1.6	87	12	2.3	0.00
10/06/2024 08:00	1.5	85	13	2.3	0.00
10/06/2024 08:10	1.0	91	11	2.0	0.00
10/06/2024 08:20	1.5	96	13	2.7	0.00
10/06/2024 08:30	2.1	99	12	2.9	0.00
10/06/2024 08:40	2.9	86	10	3.8	0.00
10/06/2024 08:50	2.8	92	12	3.8	0.00
10/06/2024 09:00	2.7	102	11	3.8	0.00
10/06/2024 09:10	3.1	98	11	4.3	0.00
10/06/2024 09:20	3.4	92	9	4.4	0.00
10/06/2024 09:30	3.2	91	12	4.4	0.00
10/06/2024 09:40	3.0	87	13	4.2	0.00
10/06/2024 09:50	2.8	81	14	3.8	0.00
10/06/2024 10:00	2.2	92	18	3.7	0.00
10/06/2024 10:10	2.5	99	15	3.8	0.00
10/06/2024 10:20	2.9	91	11	3.7	0.00
10/06/2024 10:30	3.0	80	15	4.1	0.00
10/06/2024 10:40	3.1	81	12	4.5	0.00
10/06/2024 10:50	3.2	87	18	4.2	0.00
10/06/2024 11:00	3.0	84	14	4.3	0.00
10/06/2024 11:10	3.0	79	14	4.3	0.00
10/06/2024 11:20	2.7	82	19	3.9	0.00
10/06/2024 11:30	2.7	69	12	3.8	0.00
10/06/2024 11:40	2.5	61	18	4.0	0.00
10/06/2024 11:50	1.9	111	21	4.0	0.00
10/06/2024 12:00	2.1	94	19	3.6	0.00
10/06/2024 12:10	1.4	99	21	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 12:20	2.0	93	25	3.6	0.00
10/06/2024 12:30	1.7	98	37	3.3	0.00
10/06/2024 12:40	2.0	91	31	3.5	0.00
10/06/2024 12:50	1.2	88	25	3.1	0.00
10/06/2024 13:00	2.0	78	27	3.8	0.00
10/06/2024 13:10	2.3	65	22	4.0	0.00
10/06/2024 13:20	2.7	87	14	4.4	0.00
10/06/2024 13:30	2.9	91	16	4.8	0.00
10/06/2024 13:40	3.2	92	15	4.4	0.00
10/06/2024 13:50	3.0	82	17	4.4	0.00
10/06/2024 14:00	3.0	79	13	4.4	0.00
10/06/2024 14:10	2.8	61	16	4.0	0.00
10/06/2024 14:20	3.6	84	13	4.6	0.00
10/06/2024 14:30	3.3	79	18	5.0	0.00
10/06/2024 14:40	2.9	81	13	4.4	0.00
10/06/2024 14:50	3.4	85	14	4.7	0.00
10/06/2024 15:00	3.4	89	15	4.8	0.00
10/06/2024 15:10	3.1	76	14	4.7	0.00
10/06/2024 15:20	3.6	77	14	5.4	0.00
10/06/2024 15:30	3.4	77	15	4.5	0.00
10/06/2024 15:40	3.5	70	14	5.0	0.00
10/06/2024 15:50	3.7	70	13	5.4	0.00
10/06/2024 16:00	4.1	68	11	5.5	0.00
10/06/2024 16:10	4.2	71	12	5.6	0.00
10/06/2024 16:20	3.8	71	10	5.3	0.00
10/06/2024 16:30	3.2	54	18	4.8	0.00
10/06/2024 16:40	2.6	52	15	3.6	0.00
10/06/2024 16:50	2.4	53	15	3.7	0.00
10/06/2024 17:00	2.1	49	12	3.1	0.00
10/06/2024 17:10	2.3	38	11	3.2	0.00
10/06/2024 17:20	1.7	39	11	2.5	0.00
10/06/2024 17:30	1.8	32	11	2.5	0.00
10/06/2024 17:40	0.9	18	10	1.8	0.00
10/06/2024 17:50					0.00
10/06/2024 18:00	1.9	332	14	3.2	0.00
10/06/2024 18:10	1.9	1	16	2.7	0.00
10/06/2024 18:20	2.1	6	15	3.1	0.00
10/06/2024 18:30	2.1	350	15	3.1	0.00
10/06/2024 18:40	1.8	343	16	2.5	0.00
10/06/2024 18:50	1.9	344	14	2.9	0.00
10/06/2024 19:00	1.5	357	19	2.4	0.00
10/06/2024 19:10	1.5	179	16	2.5	0.00
10/06/2024 19:20	1.0	8	16	2.4	0.00
10/06/2024 19:30	0.9	182	12	2.4	0.00
10/06/2024 19:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 19:50					0.00
10/06/2024 20:00					0.00
10/06/2024 20:10					0.00
10/06/2024 20:20					0.00
10/06/2024 20:30					0.00
10/06/2024 20:40					0.00
10/06/2024 20:50					0.00
10/06/2024 21:00					0.00
10/06/2024 21:10					0.00
10/06/2024 21:20					0.00
10/06/2024 21:30					0.00
10/06/2024 21:40					0.00
10/06/2024 21:50					0.00
10/06/2024 22:00					0.00
10/06/2024 22:10					0.00
10/06/2024 22:20					0.00
10/06/2024 22:30					0.00
10/06/2024 22:40					0.00
10/06/2024 22:50					0.00
10/06/2024 23:00					0.00
10/06/2024 23:10					0.00
10/06/2024 23:20					0.00
10/06/2024 23:30					0.00
10/06/2024 23:40					0.00
10/06/2024 23:50					0.00
11/06/2024 00:00					0.00
11/06/2024 00:10					0.00
11/06/2024 00:20					0.00
11/06/2024 00:30					0.00
11/06/2024 00:40	0.2	79	4	1.7	0.00
11/06/2024 00:50					0.00
11/06/2024 01:00					0.00
11/06/2024 01:10					0.00
11/06/2024 01:20					0.00
11/06/2024 01:30					0.00
11/06/2024 01:40					0.00
11/06/2024 01:50					0.00
11/06/2024 02:00					0.00
11/06/2024 02:10					0.00
11/06/2024 02:20					0.00
11/06/2024 02:30					0.00
11/06/2024 02:40					0.00
11/06/2024 02:50					0.00
11/06/2024 03:00					0.00
11/06/2024 03:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 03:20					0.00
11/06/2024 03:30					0.00
11/06/2024 03:40					0.00
11/06/2024 03:50					0.00
11/06/2024 04:00					0.00
11/06/2024 04:10					0.00
11/06/2024 04:20					0.00
11/06/2024 04:30					0.00
11/06/2024 04:40					0.00
11/06/2024 04:50					0.00
11/06/2024 05:00					0.00
11/06/2024 05:10					0.00
11/06/2024 05:20					0.00
11/06/2024 05:30					0.00
11/06/2024 05:40					0.00
11/06/2024 05:50					0.00
11/06/2024 06:00					0.00
11/06/2024 06:10					0.00
11/06/2024 06:20					0.00
11/06/2024 06:30					0.00
11/06/2024 06:40					0.00
11/06/2024 06:50					0.00
11/06/2024 07:00					0.00
11/06/2024 07:10	0.6	27	6	1.5	0.00
11/06/2024 07:20	0.0	9	2	0.6	0.00
11/06/2024 07:30					0.00
11/06/2024 07:40					0.00
11/06/2024 07:50					0.00
11/06/2024 08:00					0.00
11/06/2024 08:10					0.00
11/06/2024 08:20					0.00
11/06/2024 08:30					0.00
11/06/2024 08:40					0.00
11/06/2024 08:50	0.0	74	0	0.4	0.00
11/06/2024 09:00	1.4	82	11	2.4	0.00
11/06/2024 09:10	1.8	87	16	2.4	0.00
11/06/2024 09:20	1.4	71	8	2.4	0.00
11/06/2024 09:30	0.6	85	9	3.0	0.00
11/06/2024 09:40	1.7	112	15	2.5	0.00
11/06/2024 09:50	1.8	93	15	2.6	0.00
11/06/2024 10:00	1.9	96	23	2.9	0.00
11/06/2024 10:10	2.0	98	16	3.1	0.00
11/06/2024 10:20	2.1	90	15	2.8	0.00
11/06/2024 10:30	2.4	83	14	3.2	0.00
11/06/2024 10:40	2.4	82	15	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 10:50	2.6	84	19	3.7	0.00
11/06/2024 11:00	2.6	109	16	3.7	0.00
11/06/2024 11:10	3.1	87	13	4.2	0.00
11/06/2024 11:20	3.2	89	15	4.3	0.00
11/06/2024 11:30	3.4	79	15	4.6	0.00
11/06/2024 11:40	3.2	76	14	4.2	0.00
11/06/2024 11:50	3.0	83	13	4.4	0.00
11/06/2024 12:00	3.0	88	17	4.4	0.00
11/06/2024 12:10	3.2	90	12	4.3	0.00
11/06/2024 12:20	2.7	99	17	4.3	0.00
11/06/2024 12:30	3.1	86	19	4.2	0.00
11/06/2024 12:40	3.1	81	13	4.7	0.00
11/06/2024 12:50	3.1	88	13	4.2	0.00
11/06/2024 13:00	3.0	76	13	4.2	0.00
11/06/2024 13:10	3.3	80	12	4.4	0.00
11/06/2024 13:20	3.3	73	14	4.4	0.00
11/06/2024 13:30	3.2	79	14	4.4	0.00
11/06/2024 13:40	3.0	67	19	4.3	0.00
11/06/2024 13:50	3.0	71	16	4.6	0.00
11/06/2024 14:00	2.8	74	16	4.0	0.00
11/06/2024 14:10	2.9	67	17	4.6	0.00
11/06/2024 14:20	3.2	69	10	4.4	0.00
11/06/2024 14:30	3.2	73	11	4.4	0.00
11/06/2024 14:40	3.4	78	13	4.5	0.00
11/06/2024 14:50	3.2	74	12	4.6	0.00
11/06/2024 15:00	3.5	75	12	4.8	0.00
11/06/2024 15:10	3.7	74	10	4.8	0.00
11/06/2024 15:20	3.5	73	14	4.8	0.00
11/06/2024 15:30	3.3	71	11	4.8	0.00
11/06/2024 15:40	3.6	72	12	5.4	0.00
11/06/2024 15:50	3.5	75	13	4.5	0.00
11/06/2024 16:00	3.5	81	10	4.8	0.00
11/06/2024 16:10	3.4	83	11	4.4	0.00
11/06/2024 16:20	3.4	83	12	4.7	0.00
11/06/2024 16:30	3.7	87	10	4.6	0.00
11/06/2024 16:40	3.3	85	11	4.1	0.00
11/06/2024 16:50	3.3	76	11	4.3	0.00
11/06/2024 17:00	3.7	75	10	4.8	0.00
11/06/2024 17:10	3.0	71	11	4.1	0.00
11/06/2024 17:20	2.3	59	10	3.2	0.00
11/06/2024 17:30	2.3	52	10	3.2	0.00
11/06/2024 17:40	2.4	38	10	3.3	0.00
11/06/2024 17:50	2.3	33	12	3.1	0.00
11/06/2024 18:00	1.7	13	16	3.3	0.00
11/06/2024 18:10	1.9	9	16	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 18:20	1.9	178	16	2.8	0.00
11/06/2024 18:30	2.5	343	16	3.8	0.00
11/06/2024 18:40	2.2	343	14	3.2	0.00
11/06/2024 18:50	2.1	352	17	3.0	0.00
11/06/2024 19:00	2.0	175	14	3.2	0.00
11/06/2024 19:10	1.2	17	20	2.4	0.00
11/06/2024 19:20	0.0	17	1	0.9	0.00
11/06/2024 19:30	0.5	5	16	1.9	0.00
11/06/2024 19:40					0.00
11/06/2024 19:50					0.00
11/06/2024 20:00					0.00
11/06/2024 20:10					0.00
11/06/2024 20:20					0.00
11/06/2024 20:30					0.00
11/06/2024 20:40					0.00
11/06/2024 20:50					0.00
11/06/2024 21:00					0.00
11/06/2024 21:10					0.00
11/06/2024 21:20					0.00
11/06/2024 21:30					0.00
11/06/2024 21:40					0.00
11/06/2024 21:50					0.00
11/06/2024 22:00					0.00
11/06/2024 22:10					0.00
11/06/2024 22:20					0.00
11/06/2024 22:30					0.00
11/06/2024 22:40					0.00
11/06/2024 22:50					0.00
11/06/2024 23:00					0.00
11/06/2024 23:10					0.00
11/06/2024 23:20					0.00
11/06/2024 23:30					0.00
11/06/2024 23:40					0.00
11/06/2024 23:50					0.00
12/06/2024 00:00					0.00
12/06/2024 00:10					0.00
12/06/2024 00:20					0.00
12/06/2024 00:30					0.00
12/06/2024 00:40					0.00
12/06/2024 00:50					0.00
12/06/2024 01:00					0.00
12/06/2024 01:10					0.00
12/06/2024 01:20					0.00
12/06/2024 01:30					0.00
12/06/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 01:50					0.00
12/06/2024 02:00					0.00
12/06/2024 02:10					0.00
12/06/2024 02:20					0.00
12/06/2024 02:30					0.00
12/06/2024 02:40					0.00
12/06/2024 02:50					0.00
12/06/2024 03:00					0.00
12/06/2024 03:10					0.00
12/06/2024 03:20					0.00
12/06/2024 03:30					0.00
12/06/2024 03:40					0.00
12/06/2024 03:50					0.00
12/06/2024 04:00					0.00
12/06/2024 04:10					0.00
12/06/2024 04:20					0.00
12/06/2024 04:30					0.00
12/06/2024 04:40					0.00
12/06/2024 04:50					0.00
12/06/2024 05:00					0.00
12/06/2024 05:10					0.00
12/06/2024 05:20					0.00
12/06/2024 05:30					0.00
12/06/2024 05:40					0.00
12/06/2024 05:50					0.00
12/06/2024 06:00					0.00
12/06/2024 06:10					0.00
12/06/2024 06:20					0.00
12/06/2024 06:30					0.00
12/06/2024 06:40					0.00
12/06/2024 06:50					0.00
12/06/2024 07:00					0.00
12/06/2024 07:10					0.00
12/06/2024 07:20					0.00
12/06/2024 07:30					0.00
12/06/2024 07:40					0.00
12/06/2024 07:50					0.00
12/06/2024 08:00	0.0	238	2	1.1	0.00
12/06/2024 08:10	1.0	222	11	1.8	0.00
12/06/2024 08:20					0.00
12/06/2024 08:30					0.00
12/06/2024 08:40	0.2	178	35	0.9	0.00
12/06/2024 08:50	0.2	179	26	1.3	0.00
12/06/2024 09:00	0.9	205	9	1.9	0.00
12/06/2024 09:10	1.7	209	19	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 09:20	1.3	220	48	2.5	0.00
12/06/2024 09:30	0.7	112	56	2.3	0.00
12/06/2024 09:40	1.5	133	27	2.5	0.00
12/06/2024 09:50	1.2	133	26	2.4	0.00
12/06/2024 10:00	1.3	131	33	2.8	0.00
12/06/2024 10:10	1.7	120	21	2.6	0.00
12/06/2024 10:20	2.2	112	17	3.3	0.00
12/06/2024 10:30	2.1	110	17	3.3	0.00
12/06/2024 10:40	2.6	106	14	3.5	0.00
12/06/2024 10:50	2.3	116	19	3.6	0.00
12/06/2024 11:00	2.4	113	19	3.4	0.00
12/06/2024 11:10	2.1	93	23	3.2	0.00
12/06/2024 11:20	2.4	85	13	3.6	0.00
12/06/2024 11:30	2.5	80	16	3.8	0.00
12/06/2024 11:40	2.3	79	15	4.4	0.00
12/06/2024 11:50	2.7	77	22	3.9	0.00
12/06/2024 12:00	2.1	69	17	3.4	0.00
12/06/2024 12:10	1.6	97	35	3.2	0.00
12/06/2024 12:20	1.0	53	31	2.4	0.00
12/06/2024 12:30					0.00
12/06/2024 12:40	1.3	37	34	3.0	0.00
12/06/2024 12:50	1.1	75	23	2.5	0.00
12/06/2024 13:00	1.7	74	17	3.6	0.00
12/06/2024 13:10	1.6	78	19	3.1	0.00
12/06/2024 13:20	2.0	73	20	3.7	0.00
12/06/2024 13:30	2.4	83	18	3.7	0.00
12/06/2024 13:40	2.3	59	19	3.6	0.00
12/06/2024 13:50	2.1	42	27	4.3	0.00
12/06/2024 14:00	1.5	330	34	2.8	0.00
12/06/2024 14:10	2.1	182	25	3.3	0.00
12/06/2024 14:20	2.1	208	34	3.9	0.00
12/06/2024 14:30	1.7	30	25	3.4	0.00
12/06/2024 14:40	2.9	58	25	5.7	0.00
12/06/2024 14:50	4.5	62	13	6.4	0.00
12/06/2024 15:00	4.4	47	14	6.2	0.00
12/06/2024 15:10	4.2	49	14	6.0	0.00
12/06/2024 15:20	3.8	52	14	5.2	0.00
12/06/2024 15:30	3.1	60	16	4.4	0.00
12/06/2024 15:40	2.7	66	14	4.0	0.00
12/06/2024 15:50	3.3	68	14	4.4	0.00
12/06/2024 16:00	2.9	65	11	4.0	0.00
12/06/2024 16:10	2.7	52	12	3.8	0.00
12/06/2024 16:20	2.6	53	13	3.5	0.00
12/06/2024 16:30	2.1	48	12	3.2	0.00
12/06/2024 16:40	2.7	58	11	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 16:50	2.5	58	11	3.4	0.00
12/06/2024 17:00	2.0	43	16	3.1	0.00
12/06/2024 17:10	1.0	320	25	1.9	0.00
12/06/2024 17:20	0.6	349	11	1.8	0.00
12/06/2024 17:30	0.3	348	9	1.6	0.00
12/06/2024 17:40	1.5	32	17	2.4	0.00
12/06/2024 17:50	2.1	38	12	3.1	0.00
12/06/2024 18:00	2.0	30	12	3.1	0.00
12/06/2024 18:10	0.7	36	11	1.6	0.00
12/06/2024 18:20	0.0	22	1	0.8	0.00
12/06/2024 18:30	0.4	33	8	1.7	0.00
12/06/2024 18:40	0.1	255	9	0.6	0.00
12/06/2024 18:50	0.4	269	10	1.3	0.00
12/06/2024 19:00	0.6	286	10	1.6	0.00
12/06/2024 19:10					0.00
12/06/2024 19:20					0.00
12/06/2024 19:30					0.00
12/06/2024 19:40					0.00
12/06/2024 19:50					0.00
12/06/2024 20:00					0.00
12/06/2024 20:10					0.00
12/06/2024 20:20					0.00
12/06/2024 20:30					0.00
12/06/2024 20:40					0.00
12/06/2024 20:50					0.00
12/06/2024 21:00	0.3	351	8	1.9	0.00
12/06/2024 21:10	0.1	132	6	1.1	0.00
12/06/2024 21:20	0.9	207	6	1.6	0.00
12/06/2024 21:30	1.5	255	14	3.6	0.00
12/06/2024 21:40	0.1	234	2	1.2	0.00
12/06/2024 21:50	2.0	250	7	2.5	0.00
12/06/2024 22:00	0.6	232	7	1.6	0.00
12/06/2024 22:10	0.1	46	3	0.8	0.00
12/06/2024 22:20	0.9	152	15	1.8	0.00
12/06/2024 22:30	0.2	60	3	1.4	0.00
12/06/2024 22:40	0.8	235	8	1.6	0.00
12/06/2024 22:50	1.5	247	10	1.8	0.00
12/06/2024 23:00	1.6	234	7	2.0	0.00
12/06/2024 23:10	0.8	226	6	1.7	0.00
12/06/2024 23:20	1.2	232	6	2.5	0.00
12/06/2024 23:30	2.1	235	9	2.8	0.00
12/06/2024 23:40	2.3	248	9	3.0	0.00
12/06/2024 23:50	2.6	241	8	3.3	0.00
13/06/2024 00:00	3.2	241	7	4.0	0.00
13/06/2024 00:10	3.0	242	8	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 00:20	2.6	238	10	3.6	0.00
13/06/2024 00:30	1.5	247	7	2.3	0.00
13/06/2024 00:40	0.3	243	4	0.8	0.00
13/06/2024 00:50	1.5	237	12	2.8	0.00
13/06/2024 01:00	2.2	244	13	3.4	0.00
13/06/2024 01:10	2.0	239	10	2.7	0.00
13/06/2024 01:20	2.1	240	11	2.9	0.00
13/06/2024 01:30	2.2	239	11	3.2	0.00
13/06/2024 01:40	2.2	245	12	3.2	0.00
13/06/2024 01:50	1.9	247	13	2.6	0.00
13/06/2024 02:00	1.2	247	9	1.6	0.00
13/06/2024 02:10	1.8	254	11	2.7	0.00
13/06/2024 02:20	2.3	236	12	3.4	0.00
13/06/2024 02:30	2.1	255	10	2.8	0.00
13/06/2024 02:40	1.7	266	6	2.0	0.00
13/06/2024 02:50	1.6	255	9	2.3	0.00
13/06/2024 03:00	0.3	236	3	1.2	0.00
13/06/2024 03:10	1.3	244	6	2.1	0.00
13/06/2024 03:20					0.00
13/06/2024 03:30					0.00
13/06/2024 03:40					0.00
13/06/2024 03:50					0.00
13/06/2024 04:00					0.00
13/06/2024 04:10					0.00
13/06/2024 04:20					0.00
13/06/2024 04:30					0.00
13/06/2024 04:40					0.00
13/06/2024 04:50					0.00
13/06/2024 05:00					0.00
13/06/2024 05:10					0.00
13/06/2024 05:20					0.00
13/06/2024 05:30					0.00
13/06/2024 05:40					0.00
13/06/2024 05:50					0.00
13/06/2024 06:00					0.00
13/06/2024 06:10					0.00
13/06/2024 06:20					0.00
13/06/2024 06:30					0.00
13/06/2024 06:40					0.00
13/06/2024 06:50					0.00
13/06/2024 07:00					0.00
13/06/2024 07:10					0.00
13/06/2024 07:20					0.00
13/06/2024 07:30					0.00
13/06/2024 07:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 07:50					0.00
13/06/2024 08:00					0.00
13/06/2024 08:10					0.00
13/06/2024 08:20					0.00
13/06/2024 08:30					0.00
13/06/2024 08:40					0.00
13/06/2024 08:50					0.00
13/06/2024 09:00					0.00
13/06/2024 09:10	0.6	43	6	1.7	0.00
13/06/2024 09:20	0.4	49	10	1.0	0.00
13/06/2024 09:30					0.00
13/06/2024 09:40					0.00
13/06/2024 09:50					0.00
13/06/2024 10:00					0.00
13/06/2024 10:10	0.2	135	4	1.6	0.00
13/06/2024 10:20	0.4	116	11	1.6	0.00
13/06/2024 10:30	0.7	131	31	1.7	0.00
13/06/2024 10:40	1.3	93	22	2.9	0.00
13/06/2024 10:50	1.9	62	21	2.9	0.00
13/06/2024 11:00	2.2	71	14	3.1	0.00
13/06/2024 11:10	2.2	96	18	3.2	0.00
13/06/2024 11:20	2.1	92	18	3.4	0.00
13/06/2024 11:30	1.6	110	22	2.5	0.00
13/06/2024 11:40	1.7	98	23	2.7	0.00
13/06/2024 11:50	0.0	109	10	0.8	0.00
13/06/2024 12:00	2.1	298	12	3.4	0.00
13/06/2024 12:10	2.4	287	15	3.5	0.00
13/06/2024 12:20	2.3	297	18	3.4	0.00
13/06/2024 12:30	2.4	284	16	3.6	0.00
13/06/2024 12:40	2.2	302	17	3.1	0.00
13/06/2024 12:50	2.2	311	15	3.2	0.00
13/06/2024 13:00	2.4	309	16	3.5	0.00
13/06/2024 13:10	2.5	292	14	3.6	0.00
13/06/2024 13:20	2.2	273	17	3.3	0.00
13/06/2024 13:30	2.8	299	14	3.8	0.00
13/06/2024 13:40	2.5	296	13	3.4	0.00
13/06/2024 13:50	2.5	286	13	3.6	0.00
13/06/2024 14:00	2.5	283	13	3.4	0.00
13/06/2024 14:10	2.2	290	18	3.4	0.00
13/06/2024 14:20	2.6	290	19	3.8	0.00
13/06/2024 14:30	2.3	294	19	3.8	0.00
13/06/2024 14:40	3.4	291	14	5.1	0.00
13/06/2024 14:50	3.1	300	15	4.4	0.00
13/06/2024 15:00	3.1	303	17	4.4	0.00
13/06/2024 15:10	2.6	315	20	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 15:20	2.7	308	19	3.8	0.00
13/06/2024 15:30	2.5	301	16	3.6	0.00
13/06/2024 15:40	2.7	297	16	3.8	0.00
13/06/2024 15:50	3.4	286	11	4.4	0.00
13/06/2024 16:00	2.4	302	14	3.6	0.00
13/06/2024 16:10	2.6	292	14	3.8	0.00
13/06/2024 16:20	2.0	301	18	3.2	0.00
13/06/2024 16:30	2.2	291	13	3.4	0.00
13/06/2024 16:40	2.3	297	12	3.1	0.00
13/06/2024 16:50	1.8	305	19	2.7	0.00
13/06/2024 17:00	1.3	304	19	2.4	0.00
13/06/2024 17:10	1.4	309	18	2.4	0.00
13/06/2024 17:20	1.7	303	13	3.1	0.00
13/06/2024 17:30	0.4	302	6	2.2	0.00
13/06/2024 17:40					0.00
13/06/2024 17:50					0.00
13/06/2024 18:00					0.00
13/06/2024 18:10					0.00
13/06/2024 18:20					0.00
13/06/2024 18:30					0.00
13/06/2024 18:40					0.00
13/06/2024 18:50					0.00
13/06/2024 19:00					0.00
13/06/2024 19:10					0.00
13/06/2024 19:20					0.00
13/06/2024 19:30					0.00
13/06/2024 19:40					0.00
13/06/2024 19:50					0.00
13/06/2024 20:00					0.00
13/06/2024 20:10					0.00
13/06/2024 20:20					0.00
13/06/2024 20:30					0.00
13/06/2024 20:40					0.00
13/06/2024 20:50					0.00
13/06/2024 21:00					0.00
13/06/2024 21:10					0.00
13/06/2024 21:20					0.00
13/06/2024 21:30					0.00
13/06/2024 21:40					0.00
13/06/2024 21:50					0.00
13/06/2024 22:00					0.00
13/06/2024 22:10					0.00
13/06/2024 22:20					0.00
13/06/2024 22:30					0.00
13/06/2024 22:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 22:50					0.00
13/06/2024 23:00					0.00
13/06/2024 23:10					0.00
13/06/2024 23:20					0.00
13/06/2024 23:30					0.00
13/06/2024 23:40					0.00
13/06/2024 23:50					0.00
14/06/2024 00:00					0.00
14/06/2024 00:10					0.00
14/06/2024 00:20					0.00
14/06/2024 00:30					0.00
14/06/2024 00:40					0.00
14/06/2024 00:50					0.00
14/06/2024 01:00					0.00
14/06/2024 01:10					0.00
14/06/2024 01:20					0.00
14/06/2024 01:30					0.00
14/06/2024 01:40					0.00
14/06/2024 01:50					0.00
14/06/2024 02:00					0.00
14/06/2024 02:10					0.00
14/06/2024 02:20					0.00
14/06/2024 02:30					0.00
14/06/2024 02:40					0.00
14/06/2024 02:50					0.00
14/06/2024 03:00					0.00
14/06/2024 03:10					0.00
14/06/2024 03:20					0.00
14/06/2024 03:30					0.00
14/06/2024 03:40					0.00
14/06/2024 03:50					0.00
14/06/2024 04:00					0.00
14/06/2024 04:10					0.00
14/06/2024 04:20					0.00
14/06/2024 04:30					0.00
14/06/2024 04:40					0.00
14/06/2024 04:50					0.00
14/06/2024 05:00					0.00
14/06/2024 05:10					0.00
14/06/2024 05:20					0.00
14/06/2024 05:30					0.00
14/06/2024 05:40					0.00
14/06/2024 05:50					0.00
14/06/2024 06:00					0.00
14/06/2024 06:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 06:20					0.00
14/06/2024 06:30					0.00
14/06/2024 06:40					0.00
14/06/2024 06:50					0.00
14/06/2024 07:00					0.00
14/06/2024 07:10					0.00
14/06/2024 07:20					0.00
14/06/2024 07:30					0.00
14/06/2024 07:40					0.00
14/06/2024 07:50					0.00
14/06/2024 08:00					0.00
14/06/2024 08:10					0.00
14/06/2024 08:20					0.00
14/06/2024 08:30					0.00
14/06/2024 08:40					0.00
14/06/2024 08:50	0.2	89	3	3.3	0.00
14/06/2024 09:00	2.5	82	10	3.3	0.00
14/06/2024 09:10	2.8	82	12	3.9	0.00
14/06/2024 09:20	3.5	83	10	4.4	0.00
14/06/2024 09:30	3.0	81	12	4.0	0.00
14/06/2024 09:40	3.3	92	10	4.7	0.00
14/06/2024 09:50	3.4	92	12	4.5	0.00
14/06/2024 10:00	3.8	91	12	5.0	0.00
14/06/2024 10:10	4.2	82	12	6.3	0.00
14/06/2024 10:20	4.3	79	10	5.6	0.00
14/06/2024 10:30	4.9	82	11	7.0	0.00
14/06/2024 10:40	4.9	80	11	6.8	0.00
14/06/2024 10:50	4.8	84	10	6.3	0.00
14/06/2024 11:00	4.9	87	12	6.8	0.00
14/06/2024 11:10	4.7	83	14	6.3	0.00
14/06/2024 11:20	4.9	86	13	6.7	0.00
14/06/2024 11:30	4.7	82	13	6.7	0.00
14/06/2024 11:40	4.9	81	11	6.8	0.00
14/06/2024 11:50	4.9	86	11	6.7	0.00
14/06/2024 12:00	5.3	74	11	7.1	0.00
14/06/2024 12:10	5.5	76	11	7.4	0.00
14/06/2024 12:20	5.0	81	12	6.4	0.00
14/06/2024 12:30	5.1	81	11	6.4	0.00
14/06/2024 12:40	4.9	80	11	6.3	0.00
14/06/2024 12:50	4.3	83	12	6.2	0.00
14/06/2024 13:00	4.5	86	11	6.3	0.00
14/06/2024 13:10	4.1	80	13	5.7	0.00
14/06/2024 13:20	4.1	80	11	5.4	0.00
14/06/2024 13:30	4.1	74	10	5.1	0.00
14/06/2024 13:40	3.9	72	11	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 13:50	3.6	72	11	4.9	0.00
14/06/2024 14:00	3.0	65	16	4.1	0.00
14/06/2024 14:10	3.3	65	11	4.6	0.00
14/06/2024 14:20	3.4	64	12	4.8	0.00
14/06/2024 14:30	2.9	66	15	4.0	0.00
14/06/2024 14:40	2.6	69	24	3.8	0.00
14/06/2024 14:50	1.8	353	18	3.0	0.00
14/06/2024 15:00	2.2	357	21	3.3	0.00
14/06/2024 15:10	0.4	350	9	2.4	0.00
14/06/2024 15:20					0.00
14/06/2024 15:30					0.00
14/06/2024 15:40					0.00
14/06/2024 15:50	1.5	244	13	3.0	0.00
14/06/2024 16:00	3.0	270	12	3.9	0.00
14/06/2024 16:10	2.3	277	13	3.3	0.00
14/06/2024 16:20	2.1	269	16	3.2	0.00
14/06/2024 16:30	1.5	263	20	3.2	0.00
14/06/2024 16:40	1.2	290	11	2.5	0.00
14/06/2024 16:50	1.2	318	12	2.0	0.00
14/06/2024 17:00	0.9	182	12	2.2	0.00
14/06/2024 17:10	1.0	359	14	2.4	0.00
14/06/2024 17:20					0.00
14/06/2024 17:30					0.00
14/06/2024 17:40					0.00
14/06/2024 17:50					0.00
14/06/2024 18:00					0.00
14/06/2024 18:10					0.00
14/06/2024 18:20					0.00
14/06/2024 18:30					0.00
14/06/2024 18:40					0.00
14/06/2024 18:50					0.00
14/06/2024 19:00	0.1	255	5	1.2	0.00
14/06/2024 19:10					0.00
14/06/2024 19:20					0.00
14/06/2024 19:30					0.00
14/06/2024 19:40					0.00
14/06/2024 19:50					0.00
14/06/2024 20:00					0.00
14/06/2024 20:10					0.00
14/06/2024 20:20					0.00
14/06/2024 20:30					0.00
14/06/2024 20:40					0.00
14/06/2024 20:50					0.00
14/06/2024 21:00					0.00
14/06/2024 21:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 21:20					0.00
14/06/2024 21:30					0.00
14/06/2024 21:40					0.00
14/06/2024 21:50					0.00
14/06/2024 22:00					0.00
14/06/2024 22:10					0.00
14/06/2024 22:20					0.00
14/06/2024 22:30					0.00
14/06/2024 22:40					0.00
14/06/2024 22:50					0.00
14/06/2024 23:00					0.00
14/06/2024 23:10					0.00
14/06/2024 23:20					0.00
14/06/2024 23:30					0.00
14/06/2024 23:40					0.00
14/06/2024 23:50					0.00
15/06/2024 00:00					0.00
15/06/2024 00:10					0.00
15/06/2024 00:20					0.00
15/06/2024 00:30					0.00
15/06/2024 00:40					0.00
15/06/2024 00:50					0.00
15/06/2024 01:00					0.00
15/06/2024 01:10					0.00
15/06/2024 01:20					0.00
15/06/2024 01:30					0.00
15/06/2024 01:40					0.00
15/06/2024 01:50					0.00
15/06/2024 02:00					0.00
15/06/2024 02:10					0.00
15/06/2024 02:20					0.00
15/06/2024 02:30					0.00
15/06/2024 02:40					0.00
15/06/2024 02:50					0.00
15/06/2024 03:00					0.00
15/06/2024 03:10					0.00
15/06/2024 03:20					0.00
15/06/2024 03:30					0.00
15/06/2024 03:40					0.00
15/06/2024 03:50					0.00
15/06/2024 04:00					0.00
15/06/2024 04:10					0.00
15/06/2024 04:20					0.00
15/06/2024 04:30					0.00
15/06/2024 04:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 04:50					0.00
15/06/2024 05:00					0.00
15/06/2024 05:10					0.00
15/06/2024 05:20					0.00
15/06/2024 05:30					0.00
15/06/2024 05:40					0.00
15/06/2024 05:50					0.00
15/06/2024 06:00					0.00
15/06/2024 06:10					0.00
15/06/2024 06:20					0.00
15/06/2024 06:30					0.00
15/06/2024 06:40					0.00
15/06/2024 06:50					0.00
15/06/2024 07:00					0.00
15/06/2024 07:10					0.00
15/06/2024 07:20					0.00
15/06/2024 07:30					0.00
15/06/2024 07:40	0.9	84	17	2.5	0.00
15/06/2024 07:50	1.6	86	13	2.8	0.00
15/06/2024 08:00	1.9	79	14	2.8	0.00
15/06/2024 08:10	2.0	78	14	2.8	0.00
15/06/2024 08:20	2.0	69	11	2.8	0.00
15/06/2024 08:30	2.6	76	11	3.6	0.00
15/06/2024 08:40	3.3	81	11	4.4	0.00
15/06/2024 08:50	3.3	78	10	4.1	0.00
15/06/2024 09:00	2.3	74	14	3.4	0.00
15/06/2024 09:10	2.9	79	15	4.5	0.00
15/06/2024 09:20	4.2	87	12	5.4	0.00
15/06/2024 09:30	4.3	91	11	5.6	0.00
15/06/2024 09:40	4.4	84	12	5.7	0.00
15/06/2024 09:50	4.4	84	13	6.0	0.00
15/06/2024 10:00	4.5	83	12	5.6	0.00
15/06/2024 10:10	4.3	85	11	5.6	0.00
15/06/2024 10:20	4.1	85	12	5.6	0.00
15/06/2024 10:30	4.3	84	12	6.0	0.00
15/06/2024 10:40	4.9	85	11	6.1	0.00
15/06/2024 10:50	4.9	82	11	6.4	0.00
15/06/2024 11:00	4.6	74	13	6.0	0.00
15/06/2024 11:10	4.4	74	12	5.6	0.00
15/06/2024 11:20	4.8	77	9	6.6	0.00
15/06/2024 11:30	4.3	76	14	5.6	0.00
15/06/2024 11:40	4.5	76	11	6.0	0.00
15/06/2024 11:50	4.7	84	13	6.0	0.00
15/06/2024 12:00	4.7	79	11	6.4	0.00
15/06/2024 12:10	4.8	78	10	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 12:20	4.6	78	11	6.1	0.00
15/06/2024 12:30	4.8	77	11	6.2	0.00
15/06/2024 12:40	4.6	77	10	6.2	0.00
15/06/2024 12:50	4.5	79	12	6.4	0.00
15/06/2024 13:00	4.5	75	13	5.9	0.00
15/06/2024 13:10	4.8	78	12	6.6	0.00
15/06/2024 13:20	5.3	77	11	7.2	0.00
15/06/2024 13:30	5.0	73	12	6.7	0.00
15/06/2024 13:40	4.8	71	11	6.3	0.00
15/06/2024 13:50	4.6	66	14	6.7	0.00
15/06/2024 14:00	4.8	72	12	6.5	0.00
15/06/2024 14:10	4.9	70	10	6.8	0.00
15/06/2024 14:20	4.8	78	11	6.3	0.00
15/06/2024 14:30	4.9	80	11	6.4	0.00
15/06/2024 14:40	4.8	75	14	6.3	0.00
15/06/2024 14:50	4.5	70	13	6.3	0.00
15/06/2024 15:00	4.0	71	13	6.1	0.00
15/06/2024 15:10	2.9	45	27	4.6	0.00
15/06/2024 15:20	3.9	71	17	5.7	0.00
15/06/2024 15:30	4.3	71	15	6.3	0.00
15/06/2024 15:40	3.9	59	18	6.1	0.00
15/06/2024 15:50	4.3	79	11	5.8	0.00
15/06/2024 16:00	4.4	79	12	6.0	0.00
15/06/2024 16:10	4.7	72	11	6.4	0.00
15/06/2024 16:20	4.4	72	10	5.9	0.00
15/06/2024 16:30	4.4	77	12	5.8	0.00
15/06/2024 16:40	4.2	79	10	5.6	0.00
15/06/2024 16:50	3.7	83	13	5.6	0.00
15/06/2024 17:00	4.0	80	10	5.5	0.00
15/06/2024 17:10	3.6	79	10	4.8	0.00
15/06/2024 17:20	3.6	81	13	5.1	0.00
15/06/2024 17:30	3.2	80	12	4.4	0.00
15/06/2024 17:40	3.4	70	10	5.3	0.00
15/06/2024 17:50	2.6	63	12	3.6	0.00
15/06/2024 18:00	2.4	64	11	3.2	0.00
15/06/2024 18:10	2.0	64	13	2.8	0.00
15/06/2024 18:20	2.5	69	11	3.2	0.00
15/06/2024 18:30	2.2	86	11	2.9	0.00
15/06/2024 18:40	1.6	83	16	2.5	0.00
15/06/2024 18:50	1.3	85	21	2.0	0.00
15/06/2024 19:00	1.2	70	23	2.0	0.00
15/06/2024 19:10	1.2	89	24	2.1	0.00
15/06/2024 19:20	0.4	109	9	0.8	0.00
15/06/2024 19:30	0.4	145	24	1.1	0.00
15/06/2024 19:40	0.5	245	43	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 19:50	1.2	49	22	2.3	0.00
15/06/2024 20:00	1.8	49	20	3.2	0.00
15/06/2024 20:10	2.2	65	12	3.4	0.00
15/06/2024 20:20	1.8	45	17	2.8	0.00
15/06/2024 20:30	2.0	61	13	2.9	0.00
15/06/2024 20:40	1.8	48	15	2.8	0.00
15/06/2024 20:50	1.9	40	13	2.5	0.00
15/06/2024 21:00	1.7	49	11	2.6	0.00
15/06/2024 21:10	2.4	55	11	3.7	0.00
15/06/2024 21:20	1.9	43	11	2.8	0.00
15/06/2024 21:30	1.9	33	8	2.4	0.00
15/06/2024 21:40	1.6	34	16	2.4	0.00
15/06/2024 21:50	1.5	22	20	2.2	0.00
15/06/2024 22:00	1.1	44	12	2.0	0.00
15/06/2024 22:10	1.1	57	18	1.6	0.00
15/06/2024 22:20	1.8	36	10	2.5	0.00
15/06/2024 22:30	1.5	32	23	2.7	0.00
15/06/2024 22:40	1.2	40	18	2.4	0.00
15/06/2024 22:50	1.8	49	9	2.5	0.00
15/06/2024 23:00	1.4	61	14	1.7	0.00
15/06/2024 23:10	0.6	95	12	1.5	0.00
15/06/2024 23:20	0.2	197	4	0.8	0.00
15/06/2024 23:30	0.6	42	28	1.2	0.00
15/06/2024 23:40	0.2	147	7	0.8	0.00
15/06/2024 23:50	0.5	132	14	1.2	0.00
16/06/2024 00:00	0.6	123	8	1.2	0.00
16/06/2024 00:10	1.5	98	15	2.1	0.00
16/06/2024 00:20	1.6	95	9	2.3	0.00
16/06/2024 00:30	1.8	95	11	2.2	0.00
16/06/2024 00:40	1.7	67	12	2.6	0.00
16/06/2024 00:50	0.8	67	25	1.3	0.00
16/06/2024 01:00	0.2	188	25	0.8	0.00
16/06/2024 01:10	0.7	105	13	1.3	0.00
16/06/2024 01:20	1.4	64	10	1.9	0.00
16/06/2024 01:30	1.7	48	9	2.4	0.00
16/06/2024 01:40	1.4	68	7	1.7	0.00
16/06/2024 01:50	1.5	51	4	1.8	0.00
16/06/2024 02:00	1.4	45	13	2.0	0.00
16/06/2024 02:10	0.5	158	15	1.2	0.00
16/06/2024 02:20	0.5	165	29	1.0	0.00
16/06/2024 02:30	0.5	353	27	1.2	0.00
16/06/2024 02:40	0.4	216	24	1.1	0.00
16/06/2024 02:50	0.2	263	8	1.0	0.00
16/06/2024 03:00	0.4	285	11	1.1	0.00
16/06/2024 03:10	0.3	279	11	0.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 03:20	0.3	147	15	1.0	0.00
16/06/2024 03:30	0.3	141	22	1.0	0.00
16/06/2024 03:40	0.7	219	14	1.5	0.00
16/06/2024 03:50	0.4	176	17	1.4	0.00
16/06/2024 04:00	0.9	161	23	1.6	0.00
16/06/2024 04:10	0.5	159	10	1.3	0.00
16/06/2024 04:20	0.8	108	24	1.1	0.00
16/06/2024 04:30	0.2	121	7	1.1	0.00
16/06/2024 04:40	1.0	113	14	1.4	0.00
16/06/2024 04:50	0.2	49	7	1.1	0.00
16/06/2024 05:00	0.7	51	21	1.8	0.00
16/06/2024 05:10	2.2	83	13	3.1	0.00
16/06/2024 05:20	2.1	89	11	2.8	0.00
16/06/2024 05:30	1.5	98	13	2.2	0.00
16/06/2024 05:40	1.1	71	19	2.0	0.00
16/06/2024 05:50	1.3	67	20	2.2	0.00
16/06/2024 06:00	0.9	64	21	1.6	0.00
16/06/2024 06:10	0.8	49	27	1.6	0.00
16/06/2024 06:20	1.5	66	12	2.0	0.00
16/06/2024 06:30	1.5	71	12	2.0	0.00
16/06/2024 06:40	1.7	70	10	2.4	0.00
16/06/2024 06:50	1.2	96	9	1.7	0.00
16/06/2024 07:00	1.1	98	26	1.6	0.00
16/06/2024 07:10	0.1	160	5	0.6	0.00
16/06/2024 07:20	0.4	66	13	0.9	0.00
16/06/2024 07:30	1.2	68	9	2.2	0.00
16/06/2024 07:40	2.0	82	11	2.7	0.00
16/06/2024 07:50	2.2	84	10	2.8	0.00
16/06/2024 08:00	2.1	85	10	2.9	0.00
16/06/2024 08:10	1.9	83	13	2.5	0.00
16/06/2024 08:20	2.3	83	13	3.2	0.00
16/06/2024 08:30	2.7	88	11	3.7	0.00
16/06/2024 08:40	2.9	91	11	3.9	0.00
16/06/2024 08:50	3.3	90	11	4.4	0.00
16/06/2024 09:00	3.3	80	11	4.3	0.00
16/06/2024 09:10	3.7	76	11	4.8	0.00
16/06/2024 09:20	3.6	78	13	4.8	0.00
16/06/2024 09:30	3.6	86	12	4.7	0.00
16/06/2024 09:40	3.5	77	11	4.7	0.00
16/06/2024 09:50	3.3	83	13	4.4	0.00
16/06/2024 10:00	3.3	78	12	4.5	0.00
16/06/2024 10:10	3.2	82	12	4.3	0.00
16/06/2024 10:20	3.3	79	14	4.4	0.00
16/06/2024 10:30	3.4	79	12	4.6	0.00
16/06/2024 10:40	3.5	85	11	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 10:50	3.3	80	15	4.4	0.00
16/06/2024 11:00	3.5	80	16	4.8	0.00
16/06/2024 11:10	3.8	91	13	5.2	0.00
16/06/2024 11:20	4.0	92	14	5.4	0.00
16/06/2024 11:30	4.5	87	12	6.0	0.00
16/06/2024 11:40	4.3	72	13	5.6	0.00
16/06/2024 11:50	4.0	76	15	5.6	0.00
16/06/2024 12:00	3.4	66	12	5.0	0.00
16/06/2024 12:10	3.3	68	16	5.0	0.00
16/06/2024 12:20	3.4	65	17	4.8	0.00
16/06/2024 12:30	3.5	59	14	4.8	0.00
16/06/2024 12:40	3.5	63	14	5.1	0.00
16/06/2024 12:50	3.9	60	15	5.7	0.00
16/06/2024 13:00	4.0	58	13	5.2	0.00
16/06/2024 13:10	3.5	55	13	4.8	0.00
16/06/2024 13:20	3.6	59	13	5.0	0.00
16/06/2024 13:30	3.7	66	12	5.0	0.00
16/06/2024 13:40	3.8	72	15	5.6	0.00
16/06/2024 13:50	3.3	53	15	5.0	0.00
16/06/2024 14:00	3.0	52	19	4.8	0.00
16/06/2024 14:10	3.1	66	15	4.7	0.00
16/06/2024 14:20	3.6	94	15	5.1	0.00
16/06/2024 14:30	2.5	64	18	4.3	0.00
16/06/2024 14:40	3.7	77	14	5.0	0.00
16/06/2024 14:50	4.0	89	11	5.5	0.00
16/06/2024 15:00	3.6	66	12	4.6	0.00
16/06/2024 15:10	2.8	68	18	4.0	0.00
16/06/2024 15:20	2.8	67	14	3.8	0.00
16/06/2024 15:30	2.7	83	17	4.0	0.00
16/06/2024 15:40	2.5	60	22	3.9	0.00
16/06/2024 15:50	1.8	62	20	3.6	0.00
16/06/2024 16:00	1.8	215	29	3.6	0.00
16/06/2024 16:10	0.5	264	15	2.0	0.00
16/06/2024 16:20	1.2	130	37	2.4	0.00
16/06/2024 16:30	1.8	92	23	3.4	0.00
16/06/2024 16:40	2.2	100	18	3.6	0.00
16/06/2024 16:50	2.3	88	13	3.0	0.00
16/06/2024 17:00	2.3	104	18	3.7	0.00
16/06/2024 17:10	1.5	125	26	2.7	0.00
16/06/2024 17:20	1.7	113	18	2.6	0.00
16/06/2024 17:30	0.4	99	8	2.3	0.00
16/06/2024 17:40	0.7	46	10	2.2	0.00
16/06/2024 17:50	0.5	128	14	2.2	0.00
16/06/2024 18:00	1.5	130	30	2.6	0.00
16/06/2024 18:10	1.5	118	16	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 18:20	1.2	112	14	1.8	0.00
16/06/2024 18:30	0.9	84	12	1.6	0.00
16/06/2024 18:40	0.2	78	6	1.3	0.00
16/06/2024 18:50	0.0	77	1	0.9	0.00
16/06/2024 19:00					0.00
16/06/2024 19:10					0.00
16/06/2024 19:20					0.00
16/06/2024 19:30					0.00
16/06/2024 19:40					0.00
16/06/2024 19:50					0.00
16/06/2024 20:00					0.00
16/06/2024 20:10					0.00
16/06/2024 20:20					0.00
16/06/2024 20:30					0.00
16/06/2024 20:40					0.00
16/06/2024 20:50					0.00
16/06/2024 21:00					0.00
16/06/2024 21:10					0.00
16/06/2024 21:20					0.00
16/06/2024 21:30					0.00
16/06/2024 21:40					0.00
16/06/2024 21:50					0.00
16/06/2024 22:00					0.00
16/06/2024 22:10					0.00
16/06/2024 22:20					0.00
16/06/2024 22:30					0.00
16/06/2024 22:40					0.00
16/06/2024 22:50					0.00
16/06/2024 23:00					0.00
16/06/2024 23:10					0.00
16/06/2024 23:20					0.00
16/06/2024 23:30					0.00
16/06/2024 23:40					0.00
16/06/2024 23:50					0.00
17/06/2024 00:00					0.00
17/06/2024 00:10					0.00
17/06/2024 00:20					0.00
17/06/2024 00:30					0.00
17/06/2024 00:40					0.00
17/06/2024 00:50					0.00
17/06/2024 01:00					0.00
17/06/2024 01:10					0.00
17/06/2024 01:20					0.00
17/06/2024 01:30					0.00
17/06/2024 01:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 01:50					0.00
17/06/2024 02:00					0.00
17/06/2024 02:10					0.00
17/06/2024 02:20					0.00
17/06/2024 02:30					0.00
17/06/2024 02:40					0.00
17/06/2024 02:50					0.00
17/06/2024 03:00					0.00
17/06/2024 03:10					0.00
17/06/2024 03:20					0.00
17/06/2024 03:30					0.00
17/06/2024 03:40					0.00
17/06/2024 03:50					0.00
17/06/2024 04:00					0.00
17/06/2024 04:10					0.00
17/06/2024 04:20					0.00
17/06/2024 04:30					0.00
17/06/2024 04:40					0.00
17/06/2024 04:50					0.00
17/06/2024 05:00					0.00
17/06/2024 05:10					0.00
17/06/2024 05:20					0.00
17/06/2024 05:30					0.00
17/06/2024 05:40					0.00
17/06/2024 05:50					0.00
17/06/2024 06:00					0.00
17/06/2024 06:10					0.00
17/06/2024 06:20					0.00
17/06/2024 06:30					0.00
17/06/2024 06:40					0.00
17/06/2024 06:50					0.00
17/06/2024 07:00					0.00
17/06/2024 07:10					0.00
17/06/2024 07:20					0.00
17/06/2024 07:30					0.00
17/06/2024 07:40					0.00
17/06/2024 07:50					0.10
17/06/2024 08:00					0.00
17/06/2024 08:10	0.6	88	7	1.6	0.00
17/06/2024 08:20	0.9	75	11	2.0	0.00
17/06/2024 08:30	1.6	70	13	2.4	0.00
17/06/2024 08:40	1.5	71	16	2.3	0.00
17/06/2024 08:50	1.9	75	13	2.8	0.00
17/06/2024 09:00	2.4	67	12	3.1	0.00
17/06/2024 09:10	2.1	65	13	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 09:20	2.0	74	13	2.8	0.00
17/06/2024 09:30	2.2	60	16	3.0	0.00
17/06/2024 09:40	2.3	67	18	3.3	0.00
17/06/2024 09:50	2.9	73	14	4.0	0.00
17/06/2024 10:00	3.1	81	12	4.2	0.00
17/06/2024 10:10	3.2	82	13	4.6	0.00
17/06/2024 10:20	3.2	84	13	4.3	0.00
17/06/2024 10:30	3.1	79	15	4.4	0.00
17/06/2024 10:40	3.0	65	16	4.3	0.00
17/06/2024 10:50	3.2	76	13	4.2	0.00
17/06/2024 11:00	3.3	77	15	4.4	0.00
17/06/2024 11:10	3.2	68	15	4.6	0.00
17/06/2024 11:20	3.3	63	15	4.8	0.00
17/06/2024 11:30	3.4	53	15	4.6	0.00
17/06/2024 11:40	3.6	73	15	5.1	0.00
17/06/2024 11:50	3.2	73	17	4.5	0.00
17/06/2024 12:00	2.9	58	21	4.1	0.00
17/06/2024 12:10	2.5	69	15	4.0	0.00
17/06/2024 12:20	2.4	89	16	3.6	0.00
17/06/2024 12:30	2.2	56	20	3.6	0.00
17/06/2024 12:40	2.1	40	22	3.3	0.00
17/06/2024 12:50	2.1	29	29	3.6	0.00
17/06/2024 13:00	2.4	52	32	5.2	0.00
17/06/2024 13:10	1.0	307	27	2.7	0.00
17/06/2024 13:20	2.4	295	31	3.9	0.00
17/06/2024 13:30	2.1	298	27	3.4	0.00
17/06/2024 13:40	2.0	308	37	3.9	0.00
17/06/2024 13:50	2.1	174	37	3.6	0.00
17/06/2024 14:00	2.8	301	25	4.1	0.00
17/06/2024 14:10	1.7	304	30	3.2	0.00
17/06/2024 14:20	3.0	289	24	4.8	0.00
17/06/2024 14:30	3.3	296	17	5.2	0.00
17/06/2024 14:40	3.5	289	15	4.7	0.00
17/06/2024 14:50	3.4	283	14	5.2	0.00
17/06/2024 15:00	3.7	283	16	4.9	0.00
17/06/2024 15:10	3.8	276	15	5.2	0.00
17/06/2024 15:20	3.7	264	20	5.0	0.00
17/06/2024 15:30	3.7	269	18	4.8	0.00
17/06/2024 15:40	4.1	256	14	5.3	0.00
17/06/2024 15:50	4.2	257	14	5.8	0.00
17/06/2024 16:00	4.0	253	13	5.7	0.00
17/06/2024 16:10	3.8	261	15	5.5	0.00
17/06/2024 16:20	3.7	260	15	6.0	0.00
17/06/2024 16:30	3.9	257	14	5.2	0.00
17/06/2024 16:40	3.9	257	12	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 16:50	3.6	266	16	5.0	0.00
17/06/2024 17:00	3.4	276	14	4.7	0.00
17/06/2024 17:10	3.2	265	15	4.4	0.00
17/06/2024 17:20	3.2	261	13	4.8	0.00
17/06/2024 17:30	3.3	252	11	4.4	0.00
17/06/2024 17:40	3.9	252	8	5.0	0.00
17/06/2024 17:50	3.5	245	9	4.6	0.00
17/06/2024 18:00	3.4	239	10	4.4	0.00
17/06/2024 18:10	3.5	241	10	4.5	0.00
17/06/2024 18:20	3.7	246	8	4.7	0.00
17/06/2024 18:30	3.3	244	12	4.2	0.00
17/06/2024 18:40	2.9	252	7	3.9	0.00
17/06/2024 18:50	2.6	245	9	3.2	0.00
17/06/2024 19:00	2.1	239	9	2.8	0.00
17/06/2024 19:10	1.6	232	9	2.0	0.00
17/06/2024 19:20	1.6	240	8	2.2	0.00
17/06/2024 19:30	1.9	243	9	2.5	0.00
17/06/2024 19:40	1.8	234	8	2.5	0.00
17/06/2024 19:50	1.7	247	7	2.3	0.00
17/06/2024 20:00	2.1	246	9	2.8	0.00
17/06/2024 20:10	2.0	252	7	2.6	0.00
17/06/2024 20:20	2.0	250	8	2.5	0.00
17/06/2024 20:30	0.7	240	8	1.9	0.00
17/06/2024 20:40					0.00
17/06/2024 20:50					0.00
17/06/2024 21:00					0.00
17/06/2024 21:10					0.00
17/06/2024 21:20	0.1	294	1	0.8	0.00
17/06/2024 21:30	0.1	296	0	0.9	0.00
17/06/2024 21:40	0.1	283	1	0.5	0.00
17/06/2024 21:50					0.00
17/06/2024 22:00	0.5	288	2	1.2	0.00
17/06/2024 22:10	0.2	292	3	0.8	0.00
17/06/2024 22:20	0.0	278	0	0.4	0.00
17/06/2024 22:30	0.7	290	4	1.2	0.00
17/06/2024 22:40	0.7	25	13	1.1	0.00
17/06/2024 22:50	0.3	179	6	0.8	0.00
17/06/2024 23:00	0.5	19	5	1.1	0.00
17/06/2024 23:10	0.9	25	10	1.2	0.00
17/06/2024 23:20	0.2	335	16	0.8	0.00
17/06/2024 23:30	0.4	7	8	1.0	0.00
17/06/2024 23:40	1.4	30	15	2.1	0.00
17/06/2024 23:50	1.3	26	11	1.9	0.00
18/06/2024 00:00	1.4	27	10	2.0	0.00
18/06/2024 00:10	1.9	34	8	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 00:20	0.6	29	11	1.3	0.00
18/06/2024 00:30					0.00
18/06/2024 00:40	0.3	12	5	1.1	0.00
18/06/2024 00:50	1.2	29	13	1.6	0.00
18/06/2024 01:00	0.8	28	15	2.0	0.00
18/06/2024 01:10	0.0	4	2	0.9	0.00
18/06/2024 01:20	1.1	48	17	1.6	0.00
18/06/2024 01:30	0.7	38	8	2.0	0.00
18/06/2024 01:40					0.00
18/06/2024 01:50					0.00
18/06/2024 02:00					0.00
18/06/2024 02:10					0.00
18/06/2024 02:20	0.1	212	22	1.1	0.00
18/06/2024 02:30					0.00
18/06/2024 02:40					0.00
18/06/2024 02:50					0.00
18/06/2024 03:00	0.0	316	1	0.9	0.00
18/06/2024 03:10					0.00
18/06/2024 03:20					0.00
18/06/2024 03:30					0.00
18/06/2024 03:40					0.00
18/06/2024 03:50	0.1	230	7	0.8	0.00
18/06/2024 04:00					0.00
18/06/2024 04:10					0.00
18/06/2024 04:20					0.00
18/06/2024 04:30					0.00
18/06/2024 04:40	0.3	189	15	1.2	0.00
18/06/2024 04:50					0.00
18/06/2024 05:00	0.4	157	8	2.0	0.00
18/06/2024 05:10	0.2	322	15	1.9	0.00
18/06/2024 05:20	0.5	176	32	1.2	0.00
18/06/2024 05:30	0.2	81	4	1.2	0.00
18/06/2024 05:40	0.6	208	10	1.3	0.00
18/06/2024 05:50	0.3	215	10	1.2	0.00
18/06/2024 06:00	0.4	228	8	1.1	0.00
18/06/2024 06:10					0.00
18/06/2024 06:20					0.00
18/06/2024 06:30					0.00
18/06/2024 06:40	0.5	227	13	1.2	0.00
18/06/2024 06:50	0.7	211	10	1.4	0.00
18/06/2024 07:00					0.00
18/06/2024 07:10	0.1	321	2	0.9	0.00
18/06/2024 07:20					0.00
18/06/2024 07:30					0.00
18/06/2024 07:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 07:50	1.1	70	7	1.9	0.00
18/06/2024 08:00	0.2	129	5	1.4	0.00
18/06/2024 08:10	1.0	108	12	1.8	0.00
18/06/2024 08:20	0.5	98	21	1.3	0.00
18/06/2024 08:30					0.00
18/06/2024 08:40					0.00
18/06/2024 08:50					0.00
18/06/2024 09:00					0.00
18/06/2024 09:10	0.3	360	10	2.0	0.00
18/06/2024 09:20	1.5	30	19	2.7	0.00
18/06/2024 09:30	2.2	7	18	3.1	0.00
18/06/2024 09:40	1.5	17	30	2.8	0.00
18/06/2024 09:50	2.1	11	24	3.6	0.00
18/06/2024 10:00	2.2	22	27	4.0	0.00
18/06/2024 10:10	2.0	341	37	3.8	0.00
18/06/2024 10:20	2.8	11	21	4.3	0.00
18/06/2024 10:30	2.8	173	21	4.4	0.00
18/06/2024 10:40	2.8	327	27	4.4	0.00
18/06/2024 10:50	3.0	348	20	4.7	0.00
18/06/2024 11:00	2.6	348	22	4.8	0.00
18/06/2024 11:10	2.6	165	28	4.7	0.00
18/06/2024 11:20	2.8	308	22	4.8	0.00
18/06/2024 11:30	3.3	288	15	5.0	0.00
18/06/2024 11:40	3.3	286	22	4.7	0.00
18/06/2024 11:50	3.4	289	15	5.4	0.00
18/06/2024 12:00	3.6	284	18	5.6	0.00
18/06/2024 12:10	3.8	273	17	5.7	0.00
18/06/2024 12:20	3.9	271	16	5.8	0.00
18/06/2024 12:30	3.7	272	15	5.2	0.00
18/06/2024 12:40	3.6	272	16	5.1	0.00
18/06/2024 12:50	3.8	275	14	5.4	0.00
18/06/2024 13:00	3.4	278	14	5.2	0.00
18/06/2024 13:10	3.9	275	14	5.5	0.00
18/06/2024 13:20	3.8	280	12	5.0	0.00
18/06/2024 13:30	3.7	288	12	5.4	0.00
18/06/2024 13:40	3.4	297	20	5.3	0.00
18/06/2024 13:50	3.5	300	16	5.1	0.00
18/06/2024 14:00	4.2	291	14	5.5	0.00
18/06/2024 14:10	3.5	280	15	5.2	0.00
18/06/2024 14:20	4.0	284	18	5.8	0.00
18/06/2024 14:30	4.1	287	16	6.0	0.00
18/06/2024 14:40	4.1	287	14	5.9	0.00
18/06/2024 14:50	3.7	289	16	5.7	0.00
18/06/2024 15:00	4.1	280	18	6.0	0.00
18/06/2024 15:10	3.5	292	17	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 15:20	3.8	280	19	5.6	0.00
18/06/2024 15:30	4.2	284	16	6.0	0.00
18/06/2024 15:40	4.3	279	14	6.2	0.00
18/06/2024 15:50	3.8	279	15	5.6	0.00
18/06/2024 16:00	4.3	286	12	6.2	0.00
18/06/2024 16:10	3.6	283	17	5.0	0.00
18/06/2024 16:20	3.8	280	16	5.5	0.00
18/06/2024 16:30	4.1	286	11	5.3	0.00
18/06/2024 16:40	3.6	280	15	5.2	0.00
18/06/2024 16:50	3.5	274	15	4.8	0.00
18/06/2024 17:00	3.4	279	15	5.1	0.00
18/06/2024 17:10	3.1	281	16	4.9	0.00
18/06/2024 17:20	3.1	279	16	4.9	0.00
18/06/2024 17:30	3.4	276	17	4.8	0.00
18/06/2024 17:40	3.2	270	16	4.6	0.00
18/06/2024 17:50	3.1	273	15	4.4	0.00
18/06/2024 18:00	2.6	269	16	3.9	0.00
18/06/2024 18:10	2.4	270	19	3.8	0.00
18/06/2024 18:20	2.6	266	16	3.9	0.00
18/06/2024 18:30	2.4	265	19	3.6	0.00
18/06/2024 18:40	2.3	268	17	3.2	0.00
18/06/2024 18:50	2.6	262	14	3.7	0.00
18/06/2024 19:00	2.5	254	12	3.9	0.00
18/06/2024 19:10	2.3	260	15	3.4	0.00
18/06/2024 19:20	2.3	259	13	3.2	0.00
18/06/2024 19:30	2.5	267	13	3.6	0.00
18/06/2024 19:40	2.1	264	16	3.2	0.00
18/06/2024 19:50	2.3	273	14	3.8	0.00
18/06/2024 20:00	2.1	266	16	3.1	0.00
18/06/2024 20:10	2.3	265	15	3.6	0.00
18/06/2024 20:20	2.6	254	11	3.8	0.00
18/06/2024 20:30	2.7	252	9	3.6	0.00
18/06/2024 20:40	2.5	249	12	3.3	0.00
18/06/2024 20:50	2.5	250	12	3.2	0.00
18/06/2024 21:00	2.7	251	9	3.5	0.00
18/06/2024 21:10	2.7	251	10	3.7	0.00
18/06/2024 21:20	2.2	246	10	2.9	0.00
18/06/2024 21:30	2.4	244	10	3.2	0.00
18/06/2024 21:40	2.9	246	10	4.1	0.00
18/06/2024 21:50	3.1	248	10	4.1	0.00
18/06/2024 22:00	3.1	255	12	4.1	0.00
18/06/2024 22:10	2.6	250	9	3.3	0.00
18/06/2024 22:20	1.9	241	11	2.8	0.00
18/06/2024 22:30	2.1	254	11	2.8	0.00
18/06/2024 22:40	2.3	254	10	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 22:50	2.3	251	9	3.2	0.00
18/06/2024 23:00	2.4	254	10	3.2	0.00
18/06/2024 23:10	2.2	257	11	3.0	0.00
18/06/2024 23:20	2.6	250	10	3.3	0.00
18/06/2024 23:30	2.7	249	10	3.3	0.00
18/06/2024 23:40	2.8	247	9	3.6	0.00
18/06/2024 23:50	2.8	247	9	4.0	0.00
19/06/2024 00:00	3.0	244	10	4.0	0.00
19/06/2024 00:10	2.5	238	10	3.2	0.00
19/06/2024 00:20	2.4	238	11	2.9	0.00
19/06/2024 00:30	2.0	236	11	2.7	0.00
19/06/2024 00:40	1.9	240	9	2.6	0.00
19/06/2024 00:50	2.1	239	10	2.8	0.00
19/06/2024 01:00	2.2	242	10	3.0	0.00
19/06/2024 01:10	1.9	241	11	2.5	0.00
19/06/2024 01:20	2.1	244	10	2.7	0.00
19/06/2024 01:30	1.7	248	9	2.4	0.00
19/06/2024 01:40	1.5	237	9	2.0	0.00
19/06/2024 01:50	1.3	243	10	1.8	0.00
19/06/2024 02:00	1.7	241	9	2.2	0.00
19/06/2024 02:10	1.3	246	9	2.0	0.00
19/06/2024 02:20	1.6	243	8	2.0	0.00
19/06/2024 02:30	1.5	246	9	2.0	0.00
19/06/2024 02:40	1.5	243	9	2.0	0.00
19/06/2024 02:50	1.6	241	8	2.1	0.00
19/06/2024 03:00	1.1	247	18	1.8	0.00
19/06/2024 03:10	0.5	173	11	1.0	0.00
19/06/2024 03:20	0.1	291	5	0.7	0.00
19/06/2024 03:30	0.0	279	6	0.6	0.00
19/06/2024 03:40	1.3	252	10	2.4	0.00
19/06/2024 03:50	2.3	239	11	3.1	0.00
19/06/2024 04:00	1.7	238	13	2.5	0.00
19/06/2024 04:10	1.8	239	11	2.5	0.00
19/06/2024 04:20	1.7	234	9	2.0	0.00
19/06/2024 04:30	1.8	243	10	2.4	0.00
19/06/2024 04:40	1.7	250	11	2.4	0.00
19/06/2024 04:50	1.1	241	14	1.6	0.00
19/06/2024 05:00	0.4	239	7	1.2	0.00
19/06/2024 05:10	1.3	230	11	1.8	0.00
19/06/2024 05:20	1.0	226	13	1.5	0.00
19/06/2024 05:30	1.6	231	11	2.2	0.00
19/06/2024 05:40	2.2	242	10	2.9	0.00
19/06/2024 05:50	1.9	244	9	2.8	0.00
19/06/2024 06:00	2.3	250	9	3.1	0.00
19/06/2024 06:10	3.0	240	10	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 06:20	3.2	246	10	4.0	0.00
19/06/2024 06:30	3.2	237	13	4.2	0.00
19/06/2024 06:40	3.0	240	11	4.0	0.00
19/06/2024 06:50	3.2	243	10	4.3	0.00
19/06/2024 07:00	2.9	232	13	4.0	0.00
19/06/2024 07:10	2.1	229	15	2.9	0.00
19/06/2024 07:20	2.1	235	13	2.8	0.00
19/06/2024 07:30	2.0	241	11	2.6	0.00
19/06/2024 07:40	2.2	246	12	2.9	0.00
19/06/2024 07:50	1.8	235	10	2.4	0.00
19/06/2024 08:00	1.4	231	15	2.2	0.00
19/06/2024 08:10	1.8	218	13	2.4	0.00
19/06/2024 08:20	1.8	221	15	2.6	0.00
19/06/2024 08:30	2.2	226	13	3.1	0.00
19/06/2024 08:40	2.1	223	14	2.9	0.00
19/06/2024 08:50	1.8	220	17	2.4	0.00
19/06/2024 09:00	1.4	207	42	2.2	0.00
19/06/2024 09:10	1.6	215	56	2.8	0.00
19/06/2024 09:20	1.2	154	68	2.3	0.00
19/06/2024 09:30	1.4	128	36	2.4	0.00
19/06/2024 09:40	1.5	124	56	2.8	0.00
19/06/2024 09:50	2.2	128	17	3.1	0.00
19/06/2024 10:00	2.1	119	17	3.0	0.00
19/06/2024 10:10	2.1	112	16	3.0	0.00
19/06/2024 10:20	2.1	110	19	3.4	0.00
19/06/2024 10:30	2.1	125	46	3.6	0.00
19/06/2024 10:40	2.1	123	29	3.8	0.00
19/06/2024 10:50	2.4	103	18	3.8	0.00
19/06/2024 11:00	2.8	80	13	3.6	0.00
19/06/2024 11:10	2.3	82	18	3.6	0.00
19/06/2024 11:20	1.7	54	26	2.8	0.00
19/06/2024 11:30	2.5	295	21	4.7	0.00
19/06/2024 11:40	3.0	287	16	4.4	0.00
19/06/2024 11:50	3.3	276	17	4.5	0.00
19/06/2024 12:00	3.5	267	13	4.9	0.00
19/06/2024 12:10	2.4	280	17	3.5	0.00
19/06/2024 12:20	2.1	231	17	3.4	0.00
19/06/2024 12:30	2.9	177	37	6.0	0.00
19/06/2024 12:40	4.6	123	15	6.8	0.00
19/06/2024 12:50	4.2	126	17	6.0	0.00
19/06/2024 13:00	4.0	128	18	5.7	0.00
19/06/2024 13:10	4.0	126	17	6.8	0.00
19/06/2024 13:20	4.4	114	16	6.1	0.00
19/06/2024 13:30	3.8	123	18	5.7	0.00
19/06/2024 13:40	4.1	124	16	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 13:50	3.4	124	20	5.1	0.00
19/06/2024 14:00	3.7	129	20	5.3	0.00
19/06/2024 14:10	3.4	131	20	5.0	0.00
19/06/2024 14:20	2.9	134	21	4.2	0.00
19/06/2024 14:30	3.4	124	17	5.5	0.00
19/06/2024 14:40	3.7	127	16	5.2	0.00
19/06/2024 14:50	3.1	134	25	4.3	0.00
19/06/2024 15:00	3.4	135	24	5.2	0.00
19/06/2024 15:10	2.2	158	90	3.4	0.00
19/06/2024 15:20	2.8	122	57	4.9	0.00
19/06/2024 15:30	3.1	128	62	6.0	0.00
19/06/2024 15:40	3.4	132	36	5.5	0.00
19/06/2024 15:50	3.8	131	30	6.4	0.00
19/06/2024 16:00	3.9	132	30	5.9	0.00
19/06/2024 16:10	3.5	133	37	5.4	0.00
19/06/2024 16:20	4.1	127	22	6.1	0.00
19/06/2024 16:30	3.4	130	27	4.5	0.00
19/06/2024 16:40	3.6	132	31	5.8	0.00
19/06/2024 16:50	3.7	134	25	5.2	0.00
19/06/2024 17:00	3.4	133	36	5.6	0.00
19/06/2024 17:10	3.7	133	26	5.4	0.00
19/06/2024 17:20	2.4	117	48	4.1	0.00
19/06/2024 17:30	1.6	99	83	3.3	0.00
19/06/2024 17:40	1.8	273	80	3.4	0.00
19/06/2024 17:50	1.7	51	97	3.5	0.00
19/06/2024 18:00	2.1	327	86	3.6	0.00
19/06/2024 18:10	2.3	197	80	3.9	0.00
19/06/2024 18:20	2.9	125	50	4.9	0.00
19/06/2024 18:30	2.9	110	59	5.5	0.00
19/06/2024 18:40	2.9	127	44	5.1	0.00
19/06/2024 18:50	2.6	139	56	4.5	0.00
19/06/2024 19:00	3.1	129	30	4.8	0.00
19/06/2024 19:10	3.3	133	29	5.3	0.00
19/06/2024 19:20	3.3	132	20	5.5	0.00
19/06/2024 19:30	4.3	132	17	6.8	0.00
19/06/2024 19:40	4.0	135	17	6.0	0.00
19/06/2024 19:50	3.8	128	18	5.6	0.00
19/06/2024 20:00	3.7	120	15	5.0	0.00
19/06/2024 20:10	4.1	117	13	5.9	0.00
19/06/2024 20:20	4.2	114	15	6.1	0.00
19/06/2024 20:30	3.9	122	17	5.4	0.00
19/06/2024 20:40	3.8	117	16	5.9	0.00
19/06/2024 20:50	4.1	121	16	5.7	0.00
19/06/2024 21:00	4.5	127	17	5.9	0.10
19/06/2024 21:10	4.3	130	15	5.9	0.20



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 21:20	3.7	128	16	5.6	0.10
19/06/2024 21:30	3.9	134	20	5.7	0.00
19/06/2024 21:40	3.9	132	18	5.8	0.20
19/06/2024 21:50	3.3	129	22	5.0	0.00
19/06/2024 22:00	3.2	128	18	4.8	0.00
19/06/2024 22:10	3.5	127	18	5.0	0.10
19/06/2024 22:20	3.4	131	18	5.4	0.00
19/06/2024 22:30	4.0	129	18	6.4	0.00
19/06/2024 22:40	2.9	127	18	4.0	0.10
19/06/2024 22:50	3.3	118	17	4.8	0.00
19/06/2024 23:00	2.8	126	23	4.8	0.10
19/06/2024 23:10	3.1	134	21	4.6	0.10
19/06/2024 23:20	3.0	126	17	4.9	0.20
19/06/2024 23:30	3.7	120	16	5.2	0.10
19/06/2024 23:40	3.8	126	17	5.3	0.20
19/06/2024 23:50	3.7	131	19	5.6	0.20
20/06/2024 00:00	4.1	134	16	5.8	0.20
20/06/2024 00:10	3.4	133	18	5.2	0.20
20/06/2024 00:20	1.9	91	68	3.6	0.10
20/06/2024 00:30	2.9	133	37	4.6	0.10
20/06/2024 00:40	4.0	125	15	6.0	0.30
20/06/2024 00:50	3.3	116	16	5.2	0.20
20/06/2024 01:00	2.9	110	13	4.3	0.40
20/06/2024 01:10	3.8	90	12	5.6	1.30
20/06/2024 01:20	4.1	88	14	5.5	0.40
20/06/2024 01:30	4.0	108	14	6.3	0.40
20/06/2024 01:40	5.4	95	11	7.2	0.10
20/06/2024 01:50	5.5	92	11	7.2	0.20
20/06/2024 02:00	5.3	91	10	7.0	0.00
20/06/2024 02:10	5.5	93	10	7.4	0.00
20/06/2024 02:20	5.8	91	11	7.7	0.00
20/06/2024 02:30	5.4	94	10	7.6	0.00
20/06/2024 02:40	4.9	96	11	7.2	0.00
20/06/2024 02:50	5.9	92	10	7.4	0.00
20/06/2024 03:00	5.6	93	11	8.2	0.00
20/06/2024 03:10	5.3	87	11	7.8	0.00
20/06/2024 03:20	5.9	90	11	9.2	0.00
20/06/2024 03:30	5.4	84	12	7.9	0.00
20/06/2024 03:40	5.9	90	12	8.3	0.00
20/06/2024 03:50	6.2	94	11	8.4	0.00
20/06/2024 04:00	5.9	93	11	7.8	0.00
20/06/2024 04:10	6.1	95	11	7.9	0.00
20/06/2024 04:20	6.0	95	10	8.3	0.00
20/06/2024 04:30	6.3	95	10	8.9	0.00
20/06/2024 04:40	5.4	96	11	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 04:50	5.3	96	10	7.5	0.00
20/06/2024 05:00	5.1	92	11	7.4	0.00
20/06/2024 05:10	5.1	92	9	6.8	0.00
20/06/2024 05:20	5.2	90	12	7.2	0.00
20/06/2024 05:30	5.3	93	12	6.8	0.00
20/06/2024 05:40	5.1	92	12	7.2	0.00
20/06/2024 05:50	5.3	85	10	7.6	0.00
20/06/2024 06:00	5.9	84	12	8.3	0.00
20/06/2024 06:10	5.9	93	11	8.8	0.00
20/06/2024 06:20	5.7	91	12	7.9	0.00
20/06/2024 06:30	6.3	91	10	8.8	0.00
20/06/2024 06:40	6.8	91	11	9.9	0.00
20/06/2024 06:50	7.0	91	9	9.8	0.00
20/06/2024 07:00	7.0	84	10	10.3	0.00
20/06/2024 07:10	6.4	90	11	9.1	0.00
20/06/2024 07:20	6.5	93	11	9.1	0.00
20/06/2024 07:30	7.5	94	12	10.3	0.00
20/06/2024 07:40	7.5	89	11	10.4	0.00
20/06/2024 07:50	7.5	87	11	10.2	0.00
20/06/2024 08:00	8.2	94	10	12.2	0.00
20/06/2024 08:10	8.6	94	10	11.1	0.00
20/06/2024 08:20	7.6	86	13	11.1	0.00
20/06/2024 08:30	7.9	93	11	10.7	0.00
20/06/2024 08:40	9.1	94	9	11.7	0.00
20/06/2024 08:50	8.5	91	10	10.7	0.00
20/06/2024 09:00	8.2	97	11	11.3	0.00
20/06/2024 09:10	8.0	96	12	10.7	0.00
20/06/2024 09:20	8.2	99	11	11.2	0.00
20/06/2024 09:30	8.8	98	12	11.9	0.00
20/06/2024 09:40	8.3	96	11	10.7	0.00
20/06/2024 09:50	8.8	100	12	11.5	0.00
20/06/2024 10:00	9.5	95	11	11.9	0.00
20/06/2024 10:10	8.5	98	11	11.1	0.00
20/06/2024 10:20	8.5	97	10	11.8	0.00
20/06/2024 10:30	7.8	98	13	10.3	0.00
20/06/2024 10:40	8.2	95	11	11.1	0.00
20/06/2024 10:50	7.6	98	12	10.5	0.00
20/06/2024 11:00	7.6	94	10	11.1	0.00
20/06/2024 11:10	7.3	97	13	10.7	0.00
20/06/2024 11:20	7.4	95	11	10.1	0.00
20/06/2024 11:30	7.3	95	12	9.9	0.00
20/06/2024 11:40	6.8	96	13	9.1	0.00
20/06/2024 11:50	7.1	96	13	9.7	0.00
20/06/2024 12:00	6.8	92	13	9.1	0.00
20/06/2024 12:10	6.9	98	13	9.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 12:20	7.0	96	12	10.2	0.00
20/06/2024 12:30	7.1	96	12	9.9	0.00
20/06/2024 12:40	7.5	97	14	10.2	0.00
20/06/2024 12:50	7.6	94	12	10.5	0.00
20/06/2024 13:00	6.8	101	14	9.1	0.00
20/06/2024 13:10	7.1	93	14	9.5	0.00
20/06/2024 13:20	6.2	82	12	9.1	0.00
20/06/2024 13:30	6.5	77	13	8.8	0.00
20/06/2024 13:40	6.6	74	12	9.1	0.00
20/06/2024 13:50	6.6	81	13	9.1	0.00
20/06/2024 14:00	6.4	77	11	9.2	0.00
20/06/2024 14:10	6.7	78	11	9.0	0.00
20/06/2024 14:20	6.0	83	12	9.0	0.00
20/06/2024 14:30	6.6	76	11	8.6	0.00
20/06/2024 14:40	6.5	82	13	8.8	0.00
20/06/2024 14:50	5.6	80	12	8.0	0.00
20/06/2024 15:00	6.3	80	11	8.7	0.00
20/06/2024 15:10	5.8	86	14	7.9	0.00
20/06/2024 15:20	5.7	83	12	8.1	0.00
20/06/2024 15:30	5.9	87	12	8.0	0.00
20/06/2024 15:40	5.0	84	12	7.5	0.00
20/06/2024 15:50	5.5	93	12	7.4	0.00
20/06/2024 16:00	6.0	91	11	7.8	0.00
20/06/2024 16:10	5.4	95	12	7.5	0.00
20/06/2024 16:20	5.8	92	12	7.4	0.00
20/06/2024 16:30	5.6	95	11	7.6	0.00
20/06/2024 16:40	5.8	93	9	8.0	0.00
20/06/2024 16:50	5.4	95	11	7.6	0.00
20/06/2024 17:00	5.9	90	10	7.3	0.00
20/06/2024 17:10	5.7	93	10	7.9	0.00
20/06/2024 17:20	5.4	94	11	7.3	0.00
20/06/2024 17:30	5.7	92	11	8.0	0.00
20/06/2024 17:40	5.4	95	11	7.1	0.00
20/06/2024 17:50	5.5	92	9	7.6	0.00
20/06/2024 18:00	5.4	93	9	7.8	0.00
20/06/2024 18:10	5.3	94	10	7.2	0.00
20/06/2024 18:20	5.4	92	8	7.1	0.00
20/06/2024 18:30	5.0	94	11	6.9	0.00
20/06/2024 18:40	4.7	94	10	6.8	0.00
20/06/2024 18:50	4.9	92	13	6.5	0.00
20/06/2024 19:00	4.6	91	11	6.0	0.00
20/06/2024 19:10	4.7	92	12	6.8	0.00
20/06/2024 19:20	5.1	91	10	6.7	0.00
20/06/2024 19:30	5.1	90	11	6.3	0.00
20/06/2024 19:40	4.8	89	12	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 19:50	4.7	92	11	6.3	0.00
20/06/2024 20:00	4.3	90	10	5.8	0.00
20/06/2024 20:10	4.8	93	11	6.6	0.00
20/06/2024 20:20	5.4	92	11	7.2	0.00
20/06/2024 20:30	5.6	94	11	8.2	0.00
20/06/2024 20:40	5.5	95	11	7.3	0.00
20/06/2024 20:50	5.4	95	11	7.2	0.00
20/06/2024 21:00	6.0	92	12	7.9	0.00
20/06/2024 21:10	6.0	94	11	8.2	0.00
20/06/2024 21:20	6.7	92	11	8.4	0.00
20/06/2024 21:30	6.2	93	9	8.0	0.00
20/06/2024 21:40	5.6	93	10	7.5	0.00
20/06/2024 21:50	6.1	93	10	8.3	0.00
20/06/2024 22:00	6.2	92	10	8.3	0.00
20/06/2024 22:10	6.2	94	11	8.0	0.00
20/06/2024 22:20	6.2	93	9	8.1	0.00
20/06/2024 22:30	5.7	96	10	7.4	0.00
20/06/2024 22:40	5.7	95	11	7.9	0.00
20/06/2024 22:50	6.1	94	9	7.7	0.00
20/06/2024 23:00	6.0	94	10	7.8	0.00
20/06/2024 23:10	5.9	94	10	7.9	0.00
20/06/2024 23:20	5.9	91	10	8.3	0.00
20/06/2024 23:30	5.6	89	11	7.6	0.00
20/06/2024 23:40	5.6	94	12	8.7	0.00
20/06/2024 23:50	5.8	95	10	8.2	0.00
21/06/2024 00:00	6.8	98	12	9.9	0.00
21/06/2024 00:10	6.8	94	11	9.7	0.00
21/06/2024 00:20	7.0	90	11	9.8	0.00
21/06/2024 00:30	7.8	90	11	9.7	0.00
21/06/2024 00:40	7.2	91	10	9.4	0.00
21/06/2024 00:50	6.5	92	11	8.8	0.00
21/06/2024 01:00	7.5	91	11	10.1	0.00
21/06/2024 01:10	7.0	93	11	10.2	0.00
21/06/2024 01:20	6.9	94	11	9.7	0.00
21/06/2024 01:30	7.3	95	12	9.7	0.00
21/06/2024 01:40	7.4	100	10	10.3	0.00
21/06/2024 01:50	7.0	96	11	10.3	0.00
21/06/2024 02:00	7.0	93	10	9.5	0.00
21/06/2024 02:10	6.8	97	10	9.5	0.00
21/06/2024 02:20	6.8	100	11	10.4	0.00
21/06/2024 02:30	7.5	98	10	10.8	0.00
21/06/2024 02:40	8.1	95	11	11.1	0.00
21/06/2024 02:50	7.5	97	9	11.9	0.00
21/06/2024 03:00	8.0	97	11	11.0	0.00
21/06/2024 03:10	7.9	95	12	10.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 03:20	7.9	95	10	10.7	0.00
21/06/2024 03:30	7.4	94	9	9.5	0.00
21/06/2024 03:40	7.1	93	9	10.1	0.00
21/06/2024 03:50	7.3	96	10	9.9	0.00
21/06/2024 04:00	7.2	96	11	10.0	0.00
21/06/2024 04:10	6.5	96	11	8.9	0.00
21/06/2024 04:20	6.6	110	12	9.8	0.00
21/06/2024 04:30	7.0	94	12	10.4	0.00
21/06/2024 04:40	6.4	95	10	8.5	0.00
21/06/2024 04:50	6.9	94	11	10.6	0.00
21/06/2024 05:00	6.6	94	10	8.6	0.00
21/06/2024 05:10	6.6	96	11	9.6	0.00
21/06/2024 05:20	6.4	92	11	8.7	0.00
21/06/2024 05:30	6.2	94	10	8.4	0.00
21/06/2024 05:40	6.4	93	10	8.4	0.00
21/06/2024 05:50	6.3	91	12	9.5	0.00
21/06/2024 06:00	7.2	92	12	9.4	0.00
21/06/2024 06:10	7.3	94	12	9.7	0.00
21/06/2024 06:20	5.7	87	12	8.0	0.00
21/06/2024 06:30	6.4	88	10	8.9	0.00
21/06/2024 06:40	7.5	95	10	10.0	0.00
21/06/2024 06:50	6.9	95	10	9.1	0.00
21/06/2024 07:00	6.1	89	11	8.3	0.00
21/06/2024 07:10	6.5	90	11	9.1	0.00
21/06/2024 07:20	7.0	89	12	10.3	0.00
21/06/2024 07:30	6.9	92	11	9.1	0.00
21/06/2024 07:40	7.3	92	11	10.0	0.00
21/06/2024 07:50	7.4	90	10	10.4	0.00
21/06/2024 08:00	7.4	95	11	10.7	0.00
21/06/2024 08:10	7.2	96	10	10.1	0.00
21/06/2024 08:20	7.4	93	10	10.2	0.00
21/06/2024 08:30	7.4	96	12	9.6	0.00
21/06/2024 08:40	7.1	87	12	9.6	0.00
21/06/2024 08:50	7.4	89	13	10.6	0.00
21/06/2024 09:00	8.3	93	11	10.7	0.00
21/06/2024 09:10	8.0	93	11	10.3	0.00
21/06/2024 09:20	7.6	90	12	10.8	0.00
21/06/2024 09:30	7.8	86	12	10.3	0.00
21/06/2024 09:40	7.4	85	12	10.5	0.00
21/06/2024 09:50	7.7	84	10	10.7	0.00
21/06/2024 10:00	7.4	82	13	10.2	0.00
21/06/2024 10:10	7.1	86	14	10.3	0.00
21/06/2024 10:20	7.1	84	13	9.9	0.00
21/06/2024 10:30	7.5	85	12	10.7	0.00
21/06/2024 10:40	7.0	80	12	9.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 10:50	7.6	78	10	10.6	0.00
21/06/2024 11:00	7.2	79	11	9.9	0.00
21/06/2024 11:10	7.0	79	11	10.1	0.00
21/06/2024 11:20	7.4	77	11	10.3	0.00
21/06/2024 11:30	7.4	77	12	9.9	0.00
21/06/2024 11:40	7.0	79	14	9.1	0.00
21/06/2024 11:50	7.0	80	13	9.7	0.00
21/06/2024 12:00	6.8	76	13	10.3	0.00
21/06/2024 12:10	7.0	75	11	9.9	0.00
21/06/2024 12:20	6.4	76	13	9.1	0.00
21/06/2024 12:30	6.7	78	10	10.0	0.00
21/06/2024 12:40	6.9	75	10	9.2	0.00
21/06/2024 12:50	6.9	75	11	9.6	0.00
21/06/2024 13:00	7.3	82	10	9.8	0.00
21/06/2024 13:10	7.0	81	12	9.5	0.00
21/06/2024 13:20	7.5	79	12	9.7	0.00
21/06/2024 13:30	7.0	82	12	9.5	0.00
21/06/2024 13:40	7.5	83	10	9.5	0.00
21/06/2024 13:50	7.0	80	11	9.2	0.00
21/06/2024 14:00	6.7	79	12	9.1	0.00
21/06/2024 14:10	6.3	79	12	8.1	0.00
21/06/2024 14:20	6.0	75	14	8.1	0.00
21/06/2024 14:30	5.7	80	12	7.8	0.00
21/06/2024 14:40	5.9	73	13	8.4	0.00
21/06/2024 14:50	6.2	73	11	8.3	0.00
21/06/2024 15:00	5.8	72	11	8.4	0.00
21/06/2024 15:10	5.8	72	9	7.5	0.00
21/06/2024 15:20	5.5	71	10	7.4	0.00
21/06/2024 15:30	5.7	72	10	7.5	0.00
21/06/2024 15:40	5.2	77	11	7.0	0.00
21/06/2024 15:50	5.4	73	10	7.3	0.00
21/06/2024 16:00	5.1	69	11	6.4	0.00
21/06/2024 16:10	5.4	73	10	7.0	0.00
21/06/2024 16:20	5.0	71	10	7.0	0.00
21/06/2024 16:30	4.6	72	11	6.4	0.00
21/06/2024 16:40	4.7	72	10	6.3	0.00
21/06/2024 16:50	4.7	73	8	6.8	0.00
21/06/2024 17:00	4.9	67	10	6.4	0.00
21/06/2024 17:10	4.4	69	8	5.6	0.00
21/06/2024 17:20	4.2	72	10	6.0	0.00
21/06/2024 17:30	4.0	68	9	5.5	0.00
21/06/2024 17:40	3.5	70	8	4.8	0.00
21/06/2024 17:50	3.3	68	10	4.3	0.00
21/06/2024 18:00	3.1	67	9	4.0	0.00
21/06/2024 18:10	2.8	67	9	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 18:20	2.2	76	8	3.0	0.00
21/06/2024 18:30	2.2	72	7	2.8	0.00
21/06/2024 18:40	2.3	70	7	3.1	0.00
21/06/2024 18:50	2.1	81	8	2.8	0.00
21/06/2024 19:00	2.3	75	8	3.2	0.00
21/06/2024 19:10	1.8	78	7	2.4	0.00
21/06/2024 19:20	2.0	75	6	2.5	0.00
21/06/2024 19:30	1.8	75	6	2.2	0.00
21/06/2024 19:40	1.8	72	6	2.3	0.00
21/06/2024 19:50	1.5	76	6	2.0	0.00
21/06/2024 20:00	1.3	72	5	1.8	0.00
21/06/2024 20:10	0.2	80	2	1.1	0.00
21/06/2024 20:20					0.00
21/06/2024 20:30					0.00
21/06/2024 20:40					0.00
21/06/2024 20:50					0.00
21/06/2024 21:00					0.00
21/06/2024 21:10					0.00
21/06/2024 21:20					0.00
21/06/2024 21:30					0.00
21/06/2024 21:40					0.00
21/06/2024 21:50					0.00
21/06/2024 22:00	1.5	67	4	2.0	0.00
21/06/2024 22:10	2.1	66	5	2.4	0.00
21/06/2024 22:20	2.1	66	5	2.6	0.00
21/06/2024 22:30	2.2	68	7	2.7	0.00
21/06/2024 22:40	2.2	71	8	2.8	0.00
21/06/2024 22:50	2.3	78	9	3.0	0.00
21/06/2024 23:00	2.3	78	9	3.1	0.00
21/06/2024 23:10	2.4	79	9	3.1	0.00
21/06/2024 23:20	2.5	82	12	3.4	0.00
21/06/2024 23:30	1.4	105	15	2.1	0.00
21/06/2024 23:40	1.5	114	12	2.0	0.00
21/06/2024 23:50	1.5	115	13	2.0	0.00
22/06/2024 00:00	1.5	117	11	2.0	0.00
22/06/2024 00:10	1.9	116	11	2.5	0.00
22/06/2024 00:20	2.2	102	8	2.9	0.00
22/06/2024 00:30	1.8	98	8	2.4	0.00
22/06/2024 00:40	1.9	101	8	2.7	0.00
22/06/2024 00:50	1.7	99	12	2.4	0.00
22/06/2024 01:00	1.4	102	23	2.4	0.00
22/06/2024 01:10	2.0	92	17	3.3	0.00
22/06/2024 01:20	2.6	94	12	4.1	0.00
22/06/2024 01:30	2.7	85	13	4.0	0.00
22/06/2024 01:40	3.4	79	13	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 01:50	3.2	76	13	4.4	0.00
22/06/2024 02:00	3.2	77	11	4.4	0.00
22/06/2024 02:10	2.8	75	10	4.0	0.00
22/06/2024 02:20	2.9	78	11	4.0	0.00
22/06/2024 02:30	3.0	76	10	4.2	0.00
22/06/2024 02:40	3.2	77	10	4.4	0.00
22/06/2024 02:50	3.1	80	9	4.1	0.00
22/06/2024 03:00	3.3	82	9	4.1	0.00
22/06/2024 03:10	3.3	81	8	4.5	0.00
22/06/2024 03:20	3.4	80	9	4.4	0.00
22/06/2024 03:30	3.5	80	9	4.6	0.00
22/06/2024 03:40	3.9	79	8	5.2	0.00
22/06/2024 03:50	4.1	79	9	5.3	0.00
22/06/2024 04:00	3.9	81	11	5.4	0.00
22/06/2024 04:10	3.8	82	9	5.3	0.00
22/06/2024 04:20	4.4	81	10	6.0	0.00
22/06/2024 04:30	4.4	83	10	5.8	0.00
22/06/2024 04:40	3.8	86	10	5.1	0.00
22/06/2024 04:50	4.0	89	10	6.0	0.00
22/06/2024 05:00	4.7	92	10	6.8	0.00
22/06/2024 05:10	4.7	88	11	6.4	0.00
22/06/2024 05:20	4.4	86	11	6.4	0.00
22/06/2024 05:30	4.3	86	11	6.0	0.00
22/06/2024 05:40	4.5	88	11	6.7	0.00
22/06/2024 05:50	4.2	87	14	6.4	0.00
22/06/2024 06:00	4.6	85	11	6.3	0.00
22/06/2024 06:10	4.5	86	10	6.4	0.00
22/06/2024 06:20	4.7	86	12	6.5	0.00
22/06/2024 06:30	4.5	88	11	6.1	0.00
22/06/2024 06:40	4.2	87	10	6.4	0.00
22/06/2024 06:50	4.2	84	11	5.6	0.00
22/06/2024 07:00	4.5	84	11	5.6	0.00
22/06/2024 07:10	5.1	81	11	7.2	0.00
22/06/2024 07:20	4.9	82	11	6.6	0.00
22/06/2024 07:30	5.2	84	11	7.1	0.00
22/06/2024 07:40	5.1	87	11	7.4	0.00
22/06/2024 07:50	5.3	91	10	7.5	0.00
22/06/2024 08:00	5.0	93	10	7.6	0.00
22/06/2024 08:10	5.6	92	10	7.4	0.00
22/06/2024 08:20	6.3	91	11	8.3	0.00
22/06/2024 08:30	5.7	87	10	8.1	0.00
22/06/2024 08:40	6.0	87	11	8.5	0.00
22/06/2024 08:50	6.4	88	11	9.1	0.00
22/06/2024 09:00	6.9	97	10	9.0	0.00
22/06/2024 09:10	6.3	92	12	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 09:20	6.2	91	12	8.5	0.00
22/06/2024 09:30	6.6	89	11	8.7	0.00
22/06/2024 09:40	6.9	87	12	9.1	0.00
22/06/2024 09:50	6.3	85	13	9.1	0.00
22/06/2024 10:00	6.3	85	12	8.9	0.00
22/06/2024 10:10	7.1	81	11	9.9	0.00
22/06/2024 10:20	6.9	79	11	9.5	0.00
22/06/2024 10:30	6.7	75	10	9.2	0.00
22/06/2024 10:40	7.1	76	11	9.6	0.00
22/06/2024 10:50	6.5	81	13	9.3	0.00
22/06/2024 11:00	6.7	80	10	9.9	0.00
22/06/2024 11:10	6.4	76	11	9.3	0.00
22/06/2024 11:20	7.0	77	12	9.0	0.00
22/06/2024 11:30	6.9	81	12	9.8	0.00
22/06/2024 11:40	6.6	80	12	9.7	0.00
22/06/2024 11:50	7.0	77	12	9.4	0.00
22/06/2024 12:00	6.9	78	12	8.7	0.00
22/06/2024 12:10	6.8	82	10	9.6	0.00
22/06/2024 12:20	6.7	87	12	9.8	0.00
22/06/2024 12:30	6.2	81	14	9.2	0.00
22/06/2024 12:40	6.4	79	12	8.6	0.00
22/06/2024 12:50	5.7	78	14	7.8	0.00
22/06/2024 13:00	5.9	83	12	7.8	0.00
22/06/2024 13:10	6.1	85	12	8.4	0.00
22/06/2024 13:20	5.9	85	12	8.3	0.00
22/06/2024 13:30	5.1	83	12	6.8	0.00
22/06/2024 13:40	6.0	71	11	8.1	0.00
22/06/2024 13:50	6.4	73	11	8.7	0.00
22/06/2024 14:00	6.3	71	10	8.5	0.00
22/06/2024 14:10	5.2	76	11	7.5	0.00
22/06/2024 14:20	5.3	70	11	7.2	0.00
22/06/2024 14:30	5.8	69	13	7.9	0.00
22/06/2024 14:40	6.5	75	9	8.7	0.00
22/06/2024 14:50	6.2	73	10	9.0	0.00
22/06/2024 15:00	5.8	72	11	7.9	0.00
22/06/2024 15:10	5.9	70	10	8.0	0.00
22/06/2024 15:20	5.5	69	11	7.2	0.00
22/06/2024 15:30	5.8	69	12	7.8	0.00
22/06/2024 15:40	5.1	76	11	6.8	0.00
22/06/2024 15:50	5.2	71	10	7.1	0.00
22/06/2024 16:00	5.6	73	11	7.5	0.00
22/06/2024 16:10	5.0	79	9	6.8	0.00
22/06/2024 16:20	4.2	71	13	6.0	0.00
22/06/2024 16:30	4.9	65	11	6.8	0.00
22/06/2024 16:40	5.0	60	12	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 16:50	5.1	59	10	6.8	0.00
22/06/2024 17:00	4.3	56	11	6.2	0.00
22/06/2024 17:10	4.9	59	9	6.4	0.00
22/06/2024 17:20	4.4	57	11	6.4	0.00
22/06/2024 17:30	4.2	58	11	5.6	0.00
22/06/2024 17:40	3.4	53	10	4.5	0.00
22/06/2024 17:50	3.3	48	12	4.3	0.00
22/06/2024 18:00	3.0	49	11	4.1	0.00
22/06/2024 18:10	3.4	48	10	4.4	0.00
22/06/2024 18:20	3.1	43	10	4.2	0.00
22/06/2024 18:30	2.6	46	11	3.7	0.00
22/06/2024 18:40	2.5	37	12	3.6	0.00
22/06/2024 18:50	2.0	37	10	2.9	0.00
22/06/2024 19:00	1.5	45	10	2.8	0.00
22/06/2024 19:10					0.00
22/06/2024 19:20					0.00
22/06/2024 19:30					0.00
22/06/2024 19:40					0.00
22/06/2024 19:50					0.00
22/06/2024 20:00					0.00
22/06/2024 20:10					0.00
22/06/2024 20:20					0.00
22/06/2024 20:30					0.00
22/06/2024 20:40					0.00
22/06/2024 20:50					0.00
22/06/2024 21:00					0.00
22/06/2024 21:10					0.00
22/06/2024 21:20					0.00
22/06/2024 21:30					0.00
22/06/2024 21:40					0.00
22/06/2024 21:50					0.00
22/06/2024 22:00					0.00
22/06/2024 22:10					0.00
22/06/2024 22:20					0.00
22/06/2024 22:30					0.00
22/06/2024 22:40					0.00
22/06/2024 22:50					0.00
22/06/2024 23:00					0.00
22/06/2024 23:10					0.00
22/06/2024 23:20					0.00
22/06/2024 23:30					0.00
22/06/2024 23:40					0.00
22/06/2024 23:50					0.00
23/06/2024 00:00					0.00
23/06/2024 00:10					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 00:20					0.00
23/06/2024 00:30					0.00
23/06/2024 00:40					0.00
23/06/2024 00:50					0.00
23/06/2024 01:00					0.00
23/06/2024 01:10					0.00
23/06/2024 01:20					0.00
23/06/2024 01:30					0.00
23/06/2024 01:40					0.00
23/06/2024 01:50					0.00
23/06/2024 02:00					0.00
23/06/2024 02:10					0.00
23/06/2024 02:20					0.00
23/06/2024 02:30					0.00
23/06/2024 02:40					0.00
23/06/2024 02:50					0.00
23/06/2024 03:00					0.00
23/06/2024 03:10					0.00
23/06/2024 03:20					0.00
23/06/2024 03:30					0.00
23/06/2024 03:40					0.00
23/06/2024 03:50	1.7	228	9	4.3	0.00
23/06/2024 04:00	1.0	196	25	2.0	0.00
23/06/2024 04:10					0.00
23/06/2024 04:20					0.00
23/06/2024 04:30					0.00
23/06/2024 04:40					0.00
23/06/2024 04:50					0.00
23/06/2024 05:00					0.00
23/06/2024 05:10					0.00
23/06/2024 05:20					0.00
23/06/2024 05:30					0.00
23/06/2024 05:40					0.00
23/06/2024 05:50					0.00
23/06/2024 06:00					0.00
23/06/2024 06:10					0.00
23/06/2024 06:20					0.00
23/06/2024 06:30					0.00
23/06/2024 06:40					0.00
23/06/2024 06:50	1.5	75	11	2.4	0.00
23/06/2024 07:00	1.8	92	10	2.8	0.00
23/06/2024 07:10	2.2	92	9	2.8	0.00
23/06/2024 07:20	2.3	82	8	3.1	0.00
23/06/2024 07:30	2.3	87	9	3.0	0.00
23/06/2024 07:40	2.5	89	8	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 07:50	2.4	86	9	2.9	0.00
23/06/2024 08:00	2.4	84	11	3.0	0.00
23/06/2024 08:10	2.3	81	10	3.2	0.00
23/06/2024 08:20	2.6	85	9	3.3	0.00
23/06/2024 08:30	3.0	91	11	4.1	0.00
23/06/2024 08:40	3.0	85	12	4.4	0.00
23/06/2024 08:50	3.7	79	11	5.3	0.00
23/06/2024 09:00	3.6	89	12	4.5	0.00
23/06/2024 09:10	3.9	93	10	4.9	0.00
23/06/2024 09:20	4.0	92	10	5.4	0.00
23/06/2024 09:30	3.9	90	11	5.2	0.00
23/06/2024 09:40	4.0	92	11	4.9	0.00
23/06/2024 09:50	4.0	91	13	5.2	0.00
23/06/2024 10:00	4.0	93	11	5.0	0.00
23/06/2024 10:10	4.2	93	10	5.8	0.00
23/06/2024 10:20	3.9	88	11	5.1	0.00
23/06/2024 10:30	4.0	94	10	5.5	0.00
23/06/2024 10:40	3.8	85	11	5.2	0.00
23/06/2024 10:50	3.8	88	10	5.2	0.00
23/06/2024 11:00	3.4	100	16	4.7	0.00
23/06/2024 11:10	3.5	91	14	4.8	0.00
23/06/2024 11:20	3.9	84	14	5.4	0.00
23/06/2024 11:30	3.7	84	15	5.3	0.00
23/06/2024 11:40	4.3	79	11	6.0	0.00
23/06/2024 11:50	4.8	76	12	6.8	0.00
23/06/2024 12:00	5.5	72	12	7.4	0.00
23/06/2024 12:10	5.4	71	12	7.3	0.00
23/06/2024 12:20	5.6	71	14	7.8	0.00
23/06/2024 12:30	4.9	76	14	6.7	0.00
23/06/2024 12:40	4.7	74	11	6.6	0.00
23/06/2024 12:50	5.4	75	11	8.0	0.00
23/06/2024 13:00	4.7	74	14	6.6	0.00
23/06/2024 13:10	5.1	73	13	7.2	0.00
23/06/2024 13:20	5.6	76	11	7.2	0.00
23/06/2024 13:30	5.7	77	10	7.8	0.00
23/06/2024 13:40	5.0	80	12	7.1	0.00
23/06/2024 13:50	4.8	81	12	7.0	0.00
23/06/2024 14:00	4.6	77	11	6.2	0.00
23/06/2024 14:10	4.5	71	14	6.0	0.00
23/06/2024 14:20	5.0	62	12	6.8	0.00
23/06/2024 14:30	4.7	58	15	6.6	0.00
23/06/2024 14:40	4.9	55	12	7.5	0.00
23/06/2024 14:50	5.0	57	13	7.2	0.00
23/06/2024 15:00	5.0	56	13	6.5	0.00
23/06/2024 15:10	5.0	55	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 15:20	5.3	53	12	6.8	0.00
23/06/2024 15:30	4.6	55	12	6.5	0.00
23/06/2024 15:40	4.8	50	12	6.5	0.00
23/06/2024 15:50	4.7	54	12	7.1	0.00
23/06/2024 16:00	4.3	50	12	6.0	0.00
23/06/2024 16:10	4.1	48	13	5.6	0.00
23/06/2024 16:20	4.1	43	11	5.8	0.00
23/06/2024 16:30	3.7	48	12	5.2	0.00
23/06/2024 16:40	3.5	55	11	4.4	0.00
23/06/2024 16:50	3.6	51	10	4.8	0.00
23/06/2024 17:00	3.5	44	13	4.8	0.00
23/06/2024 17:10	3.3	26	15	4.7	0.00
23/06/2024 17:20	3.7	35	11	4.8	0.00
23/06/2024 17:30	3.5	35	11	4.8	0.00
23/06/2024 17:40	2.9	26	14	4.2	0.00
23/06/2024 17:50	2.0	337	19	3.2	0.00
23/06/2024 18:00	1.8	179	21	2.8	0.00
23/06/2024 18:10	1.6	180	14	2.6	0.00
23/06/2024 18:20	2.4	182	16	3.4	0.00
23/06/2024 18:30	2.3	352	17	3.2	0.00
23/06/2024 18:40	2.2	176	17	3.2	0.00
23/06/2024 18:50	2.1	347	18	3.3	0.00
23/06/2024 19:00	2.4	340	17	3.4	0.00
23/06/2024 19:10	2.5	183	16	3.5	0.00
23/06/2024 19:20	2.2	13	16	3.3	0.00
23/06/2024 19:30	2.3	5	15	3.2	0.00
23/06/2024 19:40	2.3	2	17	3.2	0.00
23/06/2024 19:50	2.0	182	17	3.0	0.00
23/06/2024 20:00	1.5	356	18	2.4	0.00
23/06/2024 20:10	1.3	14	18	2.4	0.00
23/06/2024 20:20	0.1	10	8	1.4	0.00
23/06/2024 20:30	1.2	13	15	2.7	0.00
23/06/2024 20:40	1.0	171	17	2.4	0.00
23/06/2024 20:50					0.00
23/06/2024 21:00	0.2	277	12	1.8	0.00
23/06/2024 21:10					0.00
23/06/2024 21:20	0.2	9	5	1.6	0.00
23/06/2024 21:30					0.00
23/06/2024 21:40					0.00
23/06/2024 21:50					0.00
23/06/2024 22:00	0.1	283	2	1.6	0.00
23/06/2024 22:10	0.2	281	4	1.1	0.00
23/06/2024 22:20					0.00
23/06/2024 22:30					0.00
23/06/2024 22:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 22:50					0.00
23/06/2024 23:00					0.00
23/06/2024 23:10					0.00
23/06/2024 23:20					0.00
23/06/2024 23:30					0.00
23/06/2024 23:40					0.00
23/06/2024 23:50					0.00
24/06/2024 00:00					0.00
24/06/2024 00:10					0.00
24/06/2024 00:20					0.00
24/06/2024 00:30					0.00
24/06/2024 00:40					0.00
24/06/2024 00:50					0.00
24/06/2024 01:00					0.00
24/06/2024 01:10					0.00
24/06/2024 01:20					0.00
24/06/2024 01:30					0.00
24/06/2024 01:40					0.00
24/06/2024 01:50					0.00
24/06/2024 02:00					0.00
24/06/2024 02:10					0.00
24/06/2024 02:20					0.00
24/06/2024 02:30					0.00
24/06/2024 02:40					0.00
24/06/2024 02:50					0.00
24/06/2024 03:00	1.5	91	7	2.8	0.00
24/06/2024 03:10	2.8	90	10	3.7	0.00
24/06/2024 03:20	2.0	98	8	2.8	0.00
24/06/2024 03:30	2.3	79	12	3.2	0.00
24/06/2024 03:40	2.6	74	9	3.3	0.00
24/06/2024 03:50	2.1	75	12	3.0	0.00
24/06/2024 04:00	1.4	71	16	2.0	0.00
24/06/2024 04:10	1.7	61	12	2.4	0.00
24/06/2024 04:20	1.5	62	12	2.2	0.00
24/06/2024 04:30	1.5	50	9	2.0	0.00
24/06/2024 04:40	1.4	54	10	2.1	0.00
24/06/2024 04:50	1.2	49	11	1.6	0.00
24/06/2024 05:00	1.4	52	9	2.0	0.00
24/06/2024 05:10	1.1	59	18	1.6	0.00
24/06/2024 05:20	1.5	73	15	2.7	0.00
24/06/2024 05:30	1.7	81	14	2.5	0.00
24/06/2024 05:40	2.0	75	16	3.0	0.00
24/06/2024 05:50	2.6	81	15	3.6	0.00
24/06/2024 06:00	2.3	75	12	3.6	0.00
24/06/2024 06:10	1.8	64	12	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 06:20	1.9	70	14	3.1	0.00
24/06/2024 06:30	2.1	76	15	3.3	0.00
24/06/2024 06:40	2.7	79	16	4.4	0.00
24/06/2024 06:50	2.9	75	16	4.2	0.00
24/06/2024 07:00	3.0	81	15	4.6	0.00
24/06/2024 07:10	3.1	75	15	5.0	0.00
24/06/2024 07:20	3.5	78	16	5.6	0.00
24/06/2024 07:30	3.9	83	14	5.6	0.00
24/06/2024 07:40	4.2	82	12	5.8	0.00
24/06/2024 07:50	3.7	82	15	5.6	0.00
24/06/2024 08:00	3.9	86	15	6.2	0.00
24/06/2024 08:10	3.7	87	15	5.5	0.00
24/06/2024 08:20	4.0	89	12	6.0	0.00
24/06/2024 08:30	4.8	85	11	7.3	0.00
24/06/2024 08:40	4.4	84	12	5.9	0.00
24/06/2024 08:50	5.0	87	11	6.7	0.00
24/06/2024 09:00	5.0	85	10	6.8	0.00
24/06/2024 09:10	4.9	90	13	6.8	0.00
24/06/2024 09:20	4.7	92	12	6.4	0.00
24/06/2024 09:30	4.0	92	13	5.6	0.00
24/06/2024 09:40	4.0	95	16	6.8	0.00
24/06/2024 09:50	4.2	91	14	6.2	0.00
24/06/2024 10:00	4.6	90	12	6.4	0.00
24/06/2024 10:10	4.0	94	14	6.3	0.00
24/06/2024 10:20	4.6	89	16	6.7	0.00
24/06/2024 10:30	4.6	81	12	6.5	0.00
24/06/2024 10:40	4.8	78	15	7.0	0.00
24/06/2024 10:50	5.3	83	13	7.9	0.00
24/06/2024 11:00	5.6	75	12	8.2	0.00
24/06/2024 11:10	5.7	77	11	8.5	0.00
24/06/2024 11:20	6.2	78	10	8.7	0.00
24/06/2024 11:30	6.0	86	14	8.7	0.00
24/06/2024 11:40	5.5	78	11	7.2	0.00
24/06/2024 11:50	6.9	67	10	9.2	0.00
24/06/2024 12:00	6.3	69	11	8.2	0.00
24/06/2024 12:10	6.6	72	10	8.4	0.00
24/06/2024 12:20	6.8	73	11	9.1	0.00
24/06/2024 12:30	6.6	74	10	8.4	0.00
24/06/2024 12:40	6.5	74	10	8.7	0.00
24/06/2024 12:50	6.5	70	10	8.4	0.00
24/06/2024 13:00	6.0	71	10	8.6	0.00
24/06/2024 13:10	5.9	72	12	7.8	0.00
24/06/2024 13:20	5.9	69	12	8.1	0.00
24/06/2024 13:30	5.7	73	12	8.0	0.00
24/06/2024 13:40	5.3	67	13	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 13:50	5.8	71	9	8.3	0.00
24/06/2024 14:00	5.6	69	11	8.1	0.00
24/06/2024 14:10	5.8	69	10	7.7	0.00
24/06/2024 14:20	5.4	72	12	7.0	0.00
24/06/2024 14:30	5.4	72	12	7.3	0.00
24/06/2024 14:40	5.1	70	12	7.2	0.00
24/06/2024 14:50	5.1	68	13	7.2	0.00
24/06/2024 15:00	5.8	66	12	7.5	0.00
24/06/2024 15:10	5.2	73	10	7.1	0.00
24/06/2024 15:20	5.1	69	13	7.2	0.00
24/06/2024 15:30	5.2	66	11	6.8	0.00
24/06/2024 15:40	5.2	69	12	7.6	0.00
24/06/2024 15:50	5.5	65	11	7.8	0.00
24/06/2024 16:00	5.5	66	10	7.7	0.00
24/06/2024 16:10	5.0	65	11	6.9	0.00
24/06/2024 16:20	4.6	68	10	6.1	0.00
24/06/2024 16:30	4.0	53	13	6.4	0.00
24/06/2024 16:40	4.5	62	11	6.1	0.00
24/06/2024 16:50	4.7	56	11	7.0	0.00
24/06/2024 17:00	4.9	54	11	7.1	0.00
24/06/2024 17:10	3.8	52	12	5.5	0.00
24/06/2024 17:20	4.2	52	11	6.0	0.00
24/06/2024 17:30	4.3	50	11	5.7	0.00
24/06/2024 17:40	3.8	50	11	4.9	0.00
24/06/2024 17:50	3.6	43	11	4.8	0.00
24/06/2024 18:00	3.3	47	11	4.4	0.00
24/06/2024 18:10	2.6	37	10	3.4	0.00
24/06/2024 18:20	2.8	34	11	3.9	0.00
24/06/2024 18:30	3.0	36	9	4.4	0.00
24/06/2024 18:40	2.8	32	10	3.8	0.00
24/06/2024 18:50	3.3	30	11	4.4	0.00
24/06/2024 19:00	3.3	32	11	4.6	0.00
24/06/2024 19:10	3.2	31	12	4.3	0.00
24/06/2024 19:20	2.9	34	10	3.9	0.00
24/06/2024 19:30	3.0	29	11	4.0	0.00
24/06/2024 19:40	2.8	28	13	3.9	0.00
24/06/2024 19:50	2.5	181	14	3.8	0.00
24/06/2024 20:00	2.2	5	16	3.4	0.00
24/06/2024 20:10	2.0	3	14	3.2	0.00
24/06/2024 20:20	2.3	180	16	3.6	0.00
24/06/2024 20:30	2.7	352	20	4.0	0.00
24/06/2024 20:40	2.7	4	13	4.1	0.00
24/06/2024 20:50	2.9	181	13	4.3	0.00
24/06/2024 21:00	2.7	357	14	3.8	0.00
24/06/2024 21:10	2.6	2	16	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 21:20	2.6	6	14	3.5	0.00
24/06/2024 21:30	2.8	357	15	4.4	0.00
24/06/2024 21:40	2.5	9	20	3.9	0.00
24/06/2024 21:50	2.5	8	14	3.6	0.00
24/06/2024 22:00	2.4	3	16	3.7	0.00
24/06/2024 22:10	2.4	4	16	3.6	0.00
24/06/2024 22:20	2.3	7	18	3.8	0.00
24/06/2024 22:30	1.9	181	18	3.5	0.00
24/06/2024 22:40	1.1	23	13	2.5	0.00
24/06/2024 22:50	1.2	180	22	2.5	0.00
24/06/2024 23:00	1.4	182	23	2.4	0.00
24/06/2024 23:10	1.4	8	19	2.5	0.00
24/06/2024 23:20	1.7	190	31	3.6	0.00
24/06/2024 23:30	1.6	20	15	2.7	0.00
24/06/2024 23:40	1.7	19	13	2.6	0.00
24/06/2024 23:50	1.8	33	16	3.1	0.00
25/06/2024 00:00	1.9	24	18	3.5	0.00
25/06/2024 00:10	2.2	36	11	3.6	0.00
25/06/2024 00:20	1.9	43	13	2.8	0.00
25/06/2024 00:30	2.1	34	15	3.3	0.00
25/06/2024 00:40	1.7	13	16	2.8	0.00
25/06/2024 00:50	1.8	17	23	3.2	0.00
25/06/2024 01:00	1.9	179	18	3.2	0.00
25/06/2024 01:10	1.6	7	19	2.9	0.00
25/06/2024 01:20					0.00
25/06/2024 01:30					0.00
25/06/2024 01:40					0.00
25/06/2024 01:50	1.2	104	30	1.9	0.00
25/06/2024 02:00	0.6	245	21	1.6	0.00
25/06/2024 02:10	1.4	231	11	2.2	0.00
25/06/2024 02:20					0.00
25/06/2024 02:30					0.00
25/06/2024 02:40					0.00
25/06/2024 02:50					0.00
25/06/2024 03:00					0.00
25/06/2024 03:10					0.00
25/06/2024 03:20					0.00
25/06/2024 03:30					0.00
25/06/2024 03:40					0.00
25/06/2024 03:50					0.00
25/06/2024 04:00					0.00
25/06/2024 04:10	0.8	91	7	1.7	0.00
25/06/2024 04:20					0.00
25/06/2024 04:30					0.00
25/06/2024 04:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 04:50					0.00
25/06/2024 05:00					0.00
25/06/2024 05:10					0.00
25/06/2024 05:20					0.00
25/06/2024 05:30					0.00
25/06/2024 05:40					0.00
25/06/2024 05:50	0.0	103	0	0.4	0.00
25/06/2024 06:00					0.00
25/06/2024 06:10					0.00
25/06/2024 06:20					0.00
25/06/2024 06:30					0.00
25/06/2024 06:40					0.00
25/06/2024 06:50					0.00
25/06/2024 07:00	2.6	81	11	4.0	0.00
25/06/2024 07:10	2.6	77	9	3.6	0.00
25/06/2024 07:20	2.8	77	10	3.8	0.00
25/06/2024 07:30	2.8	80	11	3.6	0.00
25/06/2024 07:40	2.5	84	10	3.4	0.00
25/06/2024 07:50	3.3	94	10	4.4	0.00
25/06/2024 08:00	3.7	90	9	5.2	0.00
25/06/2024 08:10	4.2	90	11	5.4	0.00
25/06/2024 08:20	4.8	91	11	6.0	0.00
25/06/2024 08:30	4.2	98	10	5.8	0.00
25/06/2024 08:40	4.5	95	12	6.0	0.00
25/06/2024 08:50	4.7	94	9	6.1	0.00
25/06/2024 09:00	4.2	93	10	6.0	0.00
25/06/2024 09:10	4.1	95	13	5.6	0.00
25/06/2024 09:20	4.3	95	11	5.9	0.00
25/06/2024 09:30	4.8	90	10	5.8	0.00
25/06/2024 09:40	4.9	89	10	6.4	0.00
25/06/2024 09:50	4.9	90	11	6.4	0.00
25/06/2024 10:00	4.8	81	13	6.7	0.00
25/06/2024 10:10	5.1	86	14	6.9	0.00
25/06/2024 10:20	5.2	88	12	7.4	0.00
25/06/2024 10:30	5.6	81	12	8.0	0.00
25/06/2024 10:40	5.7	79	13	8.0	0.00
25/06/2024 10:50	6.1	83	13	8.1	0.00
25/06/2024 11:00	5.9	83	11	8.2	0.00
25/06/2024 11:10	5.9	79	12	7.7	0.00
25/06/2024 11:20	5.8	82	13	7.9	0.00
25/06/2024 11:30	5.5	74	12	8.0	0.00
25/06/2024 11:40	5.2	76	14	7.2	0.00
25/06/2024 11:50	5.7	66	11	7.9	0.00
25/06/2024 12:00	6.4	67	10	8.3	0.00
25/06/2024 12:10	6.1	71	11	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 12:20	5.6	77	11	7.3	0.00
25/06/2024 12:30	5.6	75	10	8.2	0.00
25/06/2024 12:40	5.3	71	12	7.7	0.00
25/06/2024 12:50	5.3	65	12	7.7	0.00
25/06/2024 13:00	5.4	62	11	7.5	0.00
25/06/2024 13:10	5.3	63	13	7.1	0.00
25/06/2024 13:20	4.7	63	14	6.1	0.00
25/06/2024 13:30	4.7	67	14	6.6	0.00
25/06/2024 13:40	5.3	67	11	7.0	0.00
25/06/2024 13:50	4.9	70	11	7.2	0.00
25/06/2024 14:00	4.8	72	12	6.6	0.00
25/06/2024 14:10	4.4	70	12	6.0	0.00
25/06/2024 14:20	5.0	78	11	6.7	0.00
25/06/2024 14:30	4.3	69	13	5.9	0.00
25/06/2024 14:40	4.8	68	13	6.4	0.00
25/06/2024 14:50	4.3	53	14	6.1	0.00
25/06/2024 15:00	3.8	44	24	5.8	0.00
25/06/2024 15:10	3.7	31	17	5.3	0.00
25/06/2024 15:20	2.8	22	22	5.2	0.00
25/06/2024 15:30	3.4	11	19	5.2	0.00
25/06/2024 15:40	2.7	6	20	4.1	0.00
25/06/2024 15:50	2.6	14	18	4.0	0.00
25/06/2024 16:00	2.7	359	20	3.9	0.00
25/06/2024 16:10	3.2	18	15	4.5	0.00
25/06/2024 16:20	3.0	18	17	4.6	0.00
25/06/2024 16:30	3.0	17	20	4.5	0.00
25/06/2024 16:40	2.6	12	18	4.3	0.00
25/06/2024 16:50	2.8	16	19	4.2	0.00
25/06/2024 17:00	2.9	20	19	4.9	0.00
25/06/2024 17:10	2.9	27	18	4.0	0.00
25/06/2024 17:20	3.4	33	15	4.9	0.00
25/06/2024 17:30	2.4	20	18	4.0	0.00
25/06/2024 17:40	2.9	25	15	3.6	0.00
25/06/2024 17:50	3.3	25	13	4.8	0.00
25/06/2024 18:00	3.1	27	14	4.4	0.00
25/06/2024 18:10	2.8	24	16	4.6	0.00
25/06/2024 18:20	3.1	21	15	4.8	0.00
25/06/2024 18:30	2.6	21	16	4.6	0.00
25/06/2024 18:40	1.8	18	18	3.0	0.00
25/06/2024 18:50	2.0	10	18	3.3	0.00
25/06/2024 19:00	2.0	15	16	3.5	0.00
25/06/2024 19:10	1.9	12	19	3.2	0.00
25/06/2024 19:20	1.9	8	14	3.1	0.00
25/06/2024 19:30	1.8	5	16	3.0	0.00
25/06/2024 19:40	1.9	8	14	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 19:50	1.1	6	22	2.4	0.00
25/06/2024 20:00	1.6	8	17	2.7	0.00
25/06/2024 20:10	2.4	33	18	4.0	0.00
25/06/2024 20:20	2.0	34	13	2.8	0.00
25/06/2024 20:30	1.8	34	10	2.8	0.00
25/06/2024 20:40	1.6	39	9	2.8	0.00
25/06/2024 20:50	1.8	38	11	2.9	0.00
25/06/2024 21:00	1.4	39	11	2.1	0.00
25/06/2024 21:10	1.4	41	11	2.4	0.00
25/06/2024 21:20	1.4	35	8	2.0	0.00
25/06/2024 21:30	1.3	38	10	1.9	0.00
25/06/2024 21:40	1.6	35	9	2.4	0.00
25/06/2024 21:50	1.6	36	9	2.2	0.00
25/06/2024 22:00	1.7	39	10	2.4	0.00
25/06/2024 22:10	1.7	39	8	2.4	0.00
25/06/2024 22:20	1.6	40	9	2.2	0.00
25/06/2024 22:30	1.7	34	15	3.2	0.00
25/06/2024 22:40	2.0	40	11	2.7	0.00
25/06/2024 22:50	2.2	37	13	3.2	0.00
25/06/2024 23:00	1.9	36	13	2.8	0.00
25/06/2024 23:10	1.9	28	18	3.2	0.00
25/06/2024 23:20	2.0	19	15	3.6	0.00
25/06/2024 23:30	2.1	27	15	3.1	0.00
25/06/2024 23:40	2.0	34	13	3.3	0.00
25/06/2024 23:50	2.3	17	17	3.5	0.00
26/06/2024 00:00	2.4	21	17	3.8	0.00
26/06/2024 00:10	2.6	14	19	4.4	0.00
26/06/2024 00:20	2.4	18	17	4.0	0.00
26/06/2024 00:30	2.4	27	16	3.6	0.00
26/06/2024 00:40	2.2	24	20	3.6	0.00
26/06/2024 00:50	2.2	25	18	3.2	0.00
26/06/2024 01:00	2.2	25	14	3.3	0.00
26/06/2024 01:10	1.9	24	15	2.7	0.00
26/06/2024 01:20	2.3	28	16	3.6	0.00
26/06/2024 01:30	2.5	19	16	4.0	0.00
26/06/2024 01:40	2.3	20	18	3.7	0.00
26/06/2024 01:50	2.1	18	18	3.6	0.00
26/06/2024 02:00	2.0	24	16	3.3	0.00
26/06/2024 02:10	2.5	31	14	3.6	0.00
26/06/2024 02:20	2.5	30	14	3.5	0.00
26/06/2024 02:30	2.3	28	16	3.1	0.00
26/06/2024 02:40	2.2	20	17	3.6	0.00
26/06/2024 02:50	2.0	23	18	3.2	0.00
26/06/2024 03:00	2.2	20	15	3.6	0.00
26/06/2024 03:10	2.6	13	16	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 03:20	2.2	15	18	4.0	0.00
26/06/2024 03:30	2.4	20	19	3.7	0.00
26/06/2024 03:40	2.3	18	19	3.7	0.00
26/06/2024 03:50	2.5	12	18	3.8	0.00
26/06/2024 04:00	2.7	14	20	4.0	0.00
26/06/2024 04:10	2.9	11	20	4.4	0.00
26/06/2024 04:20	2.7	13	17	4.2	0.00
26/06/2024 04:30	2.7	13	18	4.3	0.00
26/06/2024 04:40	2.5	16	19	3.7	0.00
26/06/2024 04:50	2.7	23	13	4.1	0.00
26/06/2024 05:00	2.7	17	16	4.0	0.00
26/06/2024 05:10	3.0	13	18	4.4	0.00
26/06/2024 05:20	2.9	17	16	4.9	0.00
26/06/2024 05:30	2.6	20	18	4.3	0.00
26/06/2024 05:40	2.9	25	15	4.1	0.00
26/06/2024 05:50	2.8	18	19	4.7	0.00
26/06/2024 06:00	2.6	17	15	4.2	0.00
26/06/2024 06:10	2.9	22	18	4.3	0.00
26/06/2024 06:20	3.2	25	15	5.3	0.00
26/06/2024 06:30	2.7	27	16	3.7	0.00
26/06/2024 06:40	2.6	16	16	3.9	0.00
26/06/2024 06:50	2.5	17	17	3.7	0.00
26/06/2024 07:00	2.8	18	17	4.5	0.00
26/06/2024 07:10	2.5	13	18	4.2	0.00
26/06/2024 07:20	2.2	10	21	4.0	0.00
26/06/2024 07:30	2.6	16	17	3.8	0.00
26/06/2024 07:40	2.4	12	17	4.4	0.00
26/06/2024 07:50	2.8	16	17	4.4	0.00
26/06/2024 08:00	2.7	12	18	4.2	0.10
26/06/2024 08:10	2.9	5	18	4.8	0.10
26/06/2024 08:20	2.7	358	29	5.2	0.30
26/06/2024 08:30	3.2	340	27	6.0	0.00
26/06/2024 08:40	2.3	183	24	5.2	0.10
26/06/2024 08:50	2.9	183	19	4.6	0.10
26/06/2024 09:00	3.5	11	17	5.4	0.00
26/06/2024 09:10	3.1	10	17	4.4	0.00
26/06/2024 09:20	3.8	8	19	5.8	0.00
26/06/2024 09:30	3.6	4	15	5.8	0.00
26/06/2024 09:40	3.5	8	21	5.3	0.00
26/06/2024 09:50	3.5	8	18	4.9	0.00
26/06/2024 10:00	3.8	9	17	6.0	0.00
26/06/2024 10:10	3.6	8	17	5.7	0.00
26/06/2024 10:20	3.8	8	18	6.0	0.00
26/06/2024 10:30	3.3	5	22	5.6	0.00
26/06/2024 10:40	3.7	6	17	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 10:50	3.4	2	18	5.6	0.00
26/06/2024 11:00	3.8	5	20	6.4	0.00
26/06/2024 11:10	3.8	3	18	5.8	0.00
26/06/2024 11:20	3.8	182	18	6.0	0.00
26/06/2024 11:30	3.9	6	21	6.6	0.00
26/06/2024 11:40	4.0	7	20	6.1	0.00
26/06/2024 11:50	3.6	345	23	6.0	0.00
26/06/2024 12:00	3.9	180	23	5.8	0.00
26/06/2024 12:10	4.5	9	20	6.7	0.00
26/06/2024 12:20	4.1	178	22	6.9	0.00
26/06/2024 12:30	4.3	7	17	6.4	0.00
26/06/2024 12:40	3.6	186	24	5.5	0.00
26/06/2024 12:50	4.0	180	20	6.4	0.00
26/06/2024 13:00	3.1	354	24	4.6	0.00
26/06/2024 13:10	4.0	177	20	6.4	0.00
26/06/2024 13:20	4.2	6	18	6.4	0.00
26/06/2024 13:30	4.4	187	20	6.4	0.00
26/06/2024 13:40	3.7	353	23	6.1	0.00
26/06/2024 13:50	4.3	359	17	6.3	0.00
26/06/2024 14:00	4.6	4	17	6.7	0.00
26/06/2024 14:10	4.7	184	18	6.9	0.00
26/06/2024 14:20	4.4	355	21	6.3	0.00
26/06/2024 14:30	4.2	179	20	6.6	0.00
26/06/2024 14:40	4.2	179	18	6.3	0.00
26/06/2024 14:50	4.0	357	21	5.9	0.00
26/06/2024 15:00	3.9	357	21	5.7	0.00
26/06/2024 15:10	3.6	181	22	5.4	0.00
26/06/2024 15:20	4.3	180	19	6.1	0.00
26/06/2024 15:30	3.2	355	28	5.5	0.00
26/06/2024 15:40	3.7	181	22	6.0	0.00
26/06/2024 15:50	3.4	178	19	5.8	0.00
26/06/2024 16:00	4.4	183	20	7.1	0.00
26/06/2024 16:10	4.3	3	18	6.5	0.00
26/06/2024 16:20	4.2	184	18	6.4	0.00
26/06/2024 16:30	4.4	183	19	6.0	0.00
26/06/2024 16:40	3.8	179	18	5.7	0.00
26/06/2024 16:50	3.8	183	17	5.8	0.00
26/06/2024 17:00	3.7	5	17	5.3	0.00
26/06/2024 17:10	3.8	180	20	5.7	0.00
26/06/2024 17:20	3.5	181	20	5.4	0.00
26/06/2024 17:30	3.2	9	17	4.9	0.00
26/06/2024 17:40	3.4	14	17	5.5	0.00
26/06/2024 17:50	3.3	10	20	5.0	0.00
26/06/2024 18:00	3.0	6	21	4.8	0.00
26/06/2024 18:10	3.2	6	16	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 18:20	3.2	2	20	4.9	0.00
26/06/2024 18:30	3.1	6	20	5.2	0.00
26/06/2024 18:40	3.1	5	21	4.7	0.00
26/06/2024 18:50	2.8	13	18	4.6	0.00
26/06/2024 19:00	2.8	9	19	4.5	0.00
26/06/2024 19:10	3.4	16	16	5.0	0.00
26/06/2024 19:20	3.1	12	18	4.9	0.00
26/06/2024 19:30	3.1	16	19	4.8	0.00
26/06/2024 19:40	2.7	19	20	4.8	0.00
26/06/2024 19:50	2.9	11	20	5.2	0.00
26/06/2024 20:00	3.1	15	22	4.9	0.00
26/06/2024 20:10	2.5	16	24	4.4	0.00
26/06/2024 20:20	2.4	17	21	4.0	0.00
26/06/2024 20:30	2.1	21	20	3.6	0.00
26/06/2024 20:40	2.2	21	19	3.4	0.00
26/06/2024 20:50	2.5	19	19	4.6	0.00
26/06/2024 21:00	2.4	20	20	3.9	0.00
26/06/2024 21:10	3.2	14	17	4.5	0.00
26/06/2024 21:20	2.8	18	19	4.9	0.00
26/06/2024 21:30	2.3	17	22	3.7	0.00
26/06/2024 21:40	2.9	18	23	4.8	0.00
26/06/2024 21:50	2.5	21	19	4.3	0.00
26/06/2024 22:00	2.3	20	21	4.0	0.00
26/06/2024 22:10	2.6	16	20	4.3	0.00
26/06/2024 22:20	2.8	11	20	5.6	0.00
26/06/2024 22:30	2.7	14	19	4.4	0.00
26/06/2024 22:40	3.0	15	19	5.0	0.00
26/06/2024 22:50	3.1	17	20	5.4	0.00
26/06/2024 23:00	2.8	16	24	4.8	0.00
26/06/2024 23:10	2.4	18	22	3.9	0.00
26/06/2024 23:20	2.8	21	19	4.3	0.00
26/06/2024 23:30	3.2	11	19	5.8	0.00
26/06/2024 23:40	3.1	12	21	4.9	0.00
26/06/2024 23:50	3.2	12	19	4.8	0.00
27/06/2024 00:00	3.2	12	16	5.7	0.00
27/06/2024 00:10	3.6	5	18	4.9	0.00
27/06/2024 00:20	3.4	6	21	5.8	0.00
27/06/2024 00:30	3.5	10	17	5.6	0.00
27/06/2024 00:40	3.2	8	19	5.3	0.00
27/06/2024 00:50	3.4	10	15	4.8	0.00
27/06/2024 01:00	3.3	11	17	4.9	0.00
27/06/2024 01:10	3.0	13	18	4.8	0.00
27/06/2024 01:20	3.4	14	16	5.2	0.00
27/06/2024 01:30	3.0	12	15	4.3	0.00
27/06/2024 01:40	2.9	11	20	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 01:50	2.9	14	16	4.1	0.00
27/06/2024 02:00	2.8	15	17	4.3	0.00
27/06/2024 02:10	3.1	14	14	4.4	0.00
27/06/2024 02:20	2.6	22	17	4.0	0.00
27/06/2024 02:30	2.8	17	15	4.4	0.00
27/06/2024 02:40	2.3	21	16	4.0	0.00
27/06/2024 02:50	2.4	20	18	3.6	0.00
27/06/2024 03:00	2.3	20	15	3.7	0.00
27/06/2024 03:10	2.4	24	13	3.8	0.00
27/06/2024 03:20	2.2	28	14	3.3	0.00
27/06/2024 03:30	2.4	22	15	3.6	0.00
27/06/2024 03:40	2.3	23	17	4.0	0.00
27/06/2024 03:50	2.5	22	18	3.5	0.00
27/06/2024 04:00	2.9	23	17	4.4	0.00
27/06/2024 04:10	2.6	23	14	3.9	0.00
27/06/2024 04:20	2.7	23	14	4.3	0.00
27/06/2024 04:30	1.9	96	48	3.5	0.10
27/06/2024 04:40	1.7	219	20	3.8	0.00
27/06/2024 04:50	1.1	221	40	2.5	0.00
27/06/2024 05:00	2.6	220	18	3.6	0.00
27/06/2024 05:10	3.4	219	14	4.7	0.10
27/06/2024 05:20	2.9	213	18	4.4	0.20
27/06/2024 05:30	3.2	217	14	4.8	0.00
27/06/2024 05:40	3.1	217	16	4.1	0.30
27/06/2024 05:50	2.6	210	15	4.0	0.00
27/06/2024 06:00	2.8	216	13	3.9	0.20
27/06/2024 06:10	2.4	216	15	3.5	0.00
27/06/2024 06:20	2.8	223	17	3.9	0.60
27/06/2024 06:30	2.4	212	14	3.6	0.30
27/06/2024 06:40	0.5	206	10	1.6	0.10
27/06/2024 06:50	1.5	225	10	2.9	0.10
27/06/2024 07:00	2.9	236	13	4.2	0.20
27/06/2024 07:10	3.1	242	12	4.1	0.10
27/06/2024 07:20	3.9	245	11	5.2	0.30
27/06/2024 07:30	4.4	245	11	6.4	0.50
27/06/2024 07:40	3.5	236	11	5.0	0.10
27/06/2024 07:50	3.3	237	11	4.4	0.10
27/06/2024 08:00	3.4	237	13	4.7	0.10
27/06/2024 08:10	4.4	240	11	5.7	0.20
27/06/2024 08:20	3.8	238	12	5.7	0.30
27/06/2024 08:30	4.6	244	15	7.0	0.10
27/06/2024 08:40	4.6	244	15	7.2	0.60
27/06/2024 08:50	6.0	249	12	8.9	0.20
27/06/2024 09:00	5.9	246	11	8.3	0.20
27/06/2024 09:10	5.0	252	11	6.5	0.90



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 09:20	4.6	254	13	6.4	0.60
27/06/2024 09:30	4.1	256	12	5.6	0.70
27/06/2024 09:40	3.3	261	15	4.6	0.60
27/06/2024 09:50	3.4	266	13	4.7	0.50
27/06/2024 10:00	3.4	258	13	4.9	0.40
27/06/2024 10:10	3.6	264	15	4.8	0.40
27/06/2024 10:20	3.4	258	14	4.7	0.10
27/06/2024 10:30	4.1	276	18	6.1	0.00
27/06/2024 10:40	4.0	262	16	5.6	0.00
27/06/2024 10:50	3.1	296	41	6.1	0.00
27/06/2024 11:00	2.9	338	38	5.4	0.00
27/06/2024 11:10	3.2	181	22	4.9	0.00
27/06/2024 11:20	3.8	11	16	5.1	0.00
27/06/2024 11:30	4.3	16	18	6.7	0.00
27/06/2024 11:40	3.7	11	17	6.0	0.00
27/06/2024 11:50	3.0	11	20	4.8	0.00
27/06/2024 12:00	2.7	185	23	4.2	0.00
27/06/2024 12:10	2.0	17	30	4.0	0.00
27/06/2024 12:20	2.8	5	30	4.6	0.00
27/06/2024 12:30	3.5	7	17	5.6	0.00
27/06/2024 12:40	3.3	14	21	4.9	0.00
27/06/2024 12:50	3.3	10	19	5.0	0.10
27/06/2024 13:00	3.9	8	18	5.2	0.00
27/06/2024 13:10	3.5	10	18	5.3	0.00
27/06/2024 13:20	4.1	9	19	6.4	0.00
27/06/2024 13:30	3.9	11	16	5.8	0.00
27/06/2024 13:40	3.1	5	20	4.9	0.00
27/06/2024 13:50	4.2	12	18	5.9	0.00
27/06/2024 14:00	3.6	14	17	5.4	0.00
27/06/2024 14:10	3.6	181	22	5.2	0.00
27/06/2024 14:20	2.8	186	23	4.4	0.00
27/06/2024 14:30	2.4	307	31	4.1	0.00
27/06/2024 14:40	2.3	309	32	3.5	0.00
27/06/2024 14:50	2.1	325	36	4.2	0.00
27/06/2024 15:00	4.4	271	26	7.4	0.00
27/06/2024 15:10	4.4	246	13	6.0	0.00
27/06/2024 15:20	4.5	250	14	5.9	0.00
27/06/2024 15:30	4.2	254	9	5.6	0.00
27/06/2024 15:40	3.8	254	13	6.0	0.00
27/06/2024 15:50	3.5	258	15	4.8	0.00
27/06/2024 16:00	2.5	286	26	4.0	0.00
27/06/2024 16:10	2.2	303	29	4.0	0.00
27/06/2024 16:20	2.1	319	39	3.8	0.00
27/06/2024 16:30	1.9	348	37	3.7	0.00
27/06/2024 16:40	2.4	330	33	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 16:50	2.7	347	25	4.8	0.00
27/06/2024 17:00	1.9	345	37	4.0	0.00
27/06/2024 17:10	3.1	309	29	5.9	0.00
27/06/2024 17:20	4.0	263	17	5.8	0.00
27/06/2024 17:30	2.3	257	24	3.9	0.00
27/06/2024 17:40	2.4	242	16	3.7	0.00
27/06/2024 17:50	2.9	250	12	4.0	0.00
27/06/2024 18:00	4.4	248	13	6.0	0.00
27/06/2024 18:10	3.8	242	14	5.6	0.00
27/06/2024 18:20	4.8	246	17	7.6	0.70
27/06/2024 18:30	5.1	249	12	8.0	1.80
27/06/2024 18:40	4.6	243	13	7.9	0.90
27/06/2024 18:50	3.1	245	10	4.0	0.00
27/06/2024 19:00	3.8	249	11	4.8	0.10
27/06/2024 19:10	4.0	252	11	6.4	0.10
27/06/2024 19:20	4.8	251	9	6.5	0.20
27/06/2024 19:30	5.1	251	9	6.7	0.00
27/06/2024 19:40	4.1	249	9	5.2	0.10
27/06/2024 19:50	2.7	247	11	4.0	0.10
27/06/2024 20:00	2.8	268	13	3.9	0.10
27/06/2024 20:10	3.4	281	13	4.8	0.00
27/06/2024 20:20	3.0	278	14	4.0	0.00
27/06/2024 20:30	2.4	278	14	3.2	0.00
27/06/2024 20:40	2.0	273	16	2.8	0.00
27/06/2024 20:50	1.9	271	16	2.7	0.10
27/06/2024 21:00	1.9	268	16	2.5	0.00
27/06/2024 21:10	1.7	256	14	2.3	0.00
27/06/2024 21:20	1.6	254	11	2.0	0.00
27/06/2024 21:30	1.5	256	15	2.1	0.00
27/06/2024 21:40	1.4	256	14	1.9	0.00
27/06/2024 21:50	1.6	253	11	2.0	0.00
27/06/2024 22:00	1.5	261	15	2.1	0.00
27/06/2024 22:10	1.6	257	15	2.0	0.00
27/06/2024 22:20	1.2	260	18	2.0	0.00
27/06/2024 22:30	4.6	246	14	7.2	0.00
27/06/2024 22:40	4.5	224	14	7.2	0.00
27/06/2024 22:50	3.2	217	15	4.7	0.40
27/06/2024 23:00	2.3	228	16	3.4	0.10
27/06/2024 23:10	2.6	248	11	3.6	0.20
27/06/2024 23:20	3.0	228	13	4.5	0.60
27/06/2024 23:30	2.1	228	11	2.8	0.10
27/06/2024 23:40	1.8	221	12	2.5	0.10
27/06/2024 23:50	1.4	208	22	2.0	0.00
28/06/2024 00:00	1.6	231	10	2.0	0.00
28/06/2024 00:10	1.7	230	11	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 00:20	1.6	230	13	2.1	0.00
28/06/2024 00:30	1.8	231	10	2.5	0.00
28/06/2024 00:40	1.8	231	10	2.5	0.00
28/06/2024 00:50	1.4	236	15	2.0	0.00
28/06/2024 01:00	0.3	206	18	1.1	0.00
28/06/2024 01:10	0.9	212	16	1.6	0.00
28/06/2024 01:20	0.1	227	11	0.9	0.00
28/06/2024 01:30	0.6	226	15	1.1	0.00
28/06/2024 01:40	1.0	216	23	1.5	0.00
28/06/2024 01:50	0.7	236	10	1.6	0.00
28/06/2024 02:00					0.00
28/06/2024 02:10					0.10
28/06/2024 02:20	0.3	206	6	1.1	0.00
28/06/2024 02:30	0.2	232	10	0.8	0.00
28/06/2024 02:40	0.2	260	2	0.7	0.00
28/06/2024 02:50	0.4	231	5	0.8	0.00
28/06/2024 03:00	1.3	232	6	1.9	0.00
28/06/2024 03:10	1.6	227	11	2.0	0.00
28/06/2024 03:20	1.1	240	10	1.5	0.00
28/06/2024 03:30	1.0	246	7	1.4	0.00
28/06/2024 03:40	1.0	238	8	1.2	0.00
28/06/2024 03:50	1.1	241	6	1.4	0.00
28/06/2024 04:00	1.5	233	10	2.2	0.00
28/06/2024 04:10	1.7	225	12	2.6	0.00
28/06/2024 04:20	1.8	234	12	2.6	0.00
28/06/2024 04:30	2.0	231	11	2.8	0.00
28/06/2024 04:40	2.1	231	10	2.8	0.00
28/06/2024 04:50	1.6	227	11	2.3	0.00
28/06/2024 05:00	1.9	228	10	2.7	0.00
28/06/2024 05:10	2.2	227	13	3.0	0.00
28/06/2024 05:20	2.2	225	12	3.1	0.00
28/06/2024 05:30	2.1	228	13	2.8	0.00
28/06/2024 05:40	2.0	223	11	3.1	0.00
28/06/2024 05:50	1.9	222	12	2.9	0.00
28/06/2024 06:00	2.5	220	13	3.3	0.00
28/06/2024 06:10	2.2	218	15	3.2	0.00
28/06/2024 06:20	2.4	214	16	3.5	0.00
28/06/2024 06:30	2.8	210	15	3.8	0.00
28/06/2024 06:40	2.7	210	14	4.1	0.00
28/06/2024 06:50	2.9	210	16	4.2	0.00
28/06/2024 07:00	2.5	210	15	3.5	0.00
28/06/2024 07:10	3.1	218	15	4.3	0.00
28/06/2024 07:20	3.3	219	15	4.5	0.10
28/06/2024 07:30	3.2	217	13	4.6	0.30
28/06/2024 07:40	2.8	220	16	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 07:50	3.4	216	15	5.2	0.00
28/06/2024 08:00	3.6	212	17	5.9	0.00
28/06/2024 08:10	3.5	205	21	4.6	0.00
28/06/2024 08:20	2.9	205	24	4.0	0.00
28/06/2024 08:30	1.9	214	54	3.6	0.00
28/06/2024 08:40	2.4	218	40	3.7	0.00
28/06/2024 08:50	2.5	208	24	4.2	0.00
28/06/2024 09:00	1.9	206	53	3.2	0.00
28/06/2024 09:10	0.9	286	86	2.0	0.20
28/06/2024 09:20	1.2	244	71	2.6	0.00
28/06/2024 09:30	1.1	124	89	2.5	0.00
28/06/2024 09:40	1.2	259	85	2.3	0.00
28/06/2024 09:50	2.1	146	61	3.9	0.00
28/06/2024 10:00	2.3	212	64	3.8	0.00
28/06/2024 10:10	3.1	213	25	4.4	0.00
28/06/2024 10:20	2.1	267	67	3.7	0.00
28/06/2024 10:30	2.6	231	57	4.7	0.00
28/06/2024 10:40	2.1	218	87	4.1	0.00
28/06/2024 10:50	2.2	208	48	4.0	0.00
28/06/2024 11:00	2.1	226	71	3.9	0.00
28/06/2024 11:10	1.9	230	84	4.0	0.00
28/06/2024 11:20	2.2	224	71	4.2	0.00
28/06/2024 11:30	2.8	219	33	4.5	0.00
28/06/2024 11:40	3.5	217	16	5.1	0.00
28/06/2024 11:50	4.0	221	16	6.4	0.00
28/06/2024 12:00	3.4	219	15	5.2	0.00
28/06/2024 12:10	3.2	219	18	4.6	0.00
28/06/2024 12:20	3.3	228	21	5.2	0.00
28/06/2024 12:30	2.3	218	22	3.2	0.00
28/06/2024 12:40	1.9	239	31	3.6	0.00
28/06/2024 12:50	2.3	251	21	3.3	0.00
28/06/2024 13:00	2.6	258	15	4.1	0.00
28/06/2024 13:10	2.8	257	14	4.3	0.00
28/06/2024 13:20	2.7	242	15	4.3	0.00
28/06/2024 13:30	3.4	247	13	4.6	0.00
28/06/2024 13:40	3.1	252	13	4.4	0.00
28/06/2024 13:50	2.9	264	17	4.3	0.00
28/06/2024 14:00	3.2	258	19	4.4	0.00
28/06/2024 14:10	3.6	256	14	4.9	0.00
28/06/2024 14:20	3.1	266	19	4.4	0.00
28/06/2024 14:30	2.7	265	16	4.0	0.00
28/06/2024 14:40	3.0	266	15	3.9	0.00
28/06/2024 14:50	3.2	260	14	4.3	0.00
28/06/2024 15:00	3.5	255	15	4.6	0.00
28/06/2024 15:10	3.1	260	14	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 15:20	3.2	259	15	4.3	0.00
28/06/2024 15:30	3.5	250	11	4.4	0.00
28/06/2024 15:40	3.6	249	13	4.8	0.00
28/06/2024 15:50	3.7	251	13	4.9	0.00
28/06/2024 16:00	3.5	258	13	4.8	0.00
28/06/2024 16:10	3.6	251	12	5.0	0.00
28/06/2024 16:20	3.4	256	12	5.0	0.00
28/06/2024 16:30	3.9	253	10	5.0	0.00
28/06/2024 16:40	3.9	256	13	5.1	0.00
28/06/2024 16:50	4.1	252	12	5.9	0.00
28/06/2024 17:00	4.1	251	10	5.2	0.00
28/06/2024 17:10	3.9	251	11	5.5	0.00
28/06/2024 17:20	4.4	252	10	5.5	0.00
28/06/2024 17:30	4.0	255	12	5.2	0.00
28/06/2024 17:40	4.2	254	10	5.6	0.00
28/06/2024 17:50	3.9	253	11	5.6	0.00
28/06/2024 18:00	4.9	244	11	6.4	0.00
28/06/2024 18:10	4.5	246	12	6.0	0.00
28/06/2024 18:20	4.7	245	11	6.8	0.00
28/06/2024 18:30	4.2	244	12	5.5	0.00
28/06/2024 18:40	5.4	242	12	7.0	0.00
28/06/2024 18:50	4.4	247	10	5.6	0.00
28/06/2024 19:00	4.1	246	12	5.5	0.00
28/06/2024 19:10	4.5	245	11	6.4	0.00
28/06/2024 19:20	4.4	246	10	6.6	0.00
28/06/2024 19:30	4.0	245	12	5.7	0.00
28/06/2024 19:40	3.5	244	13	5.0	0.00
28/06/2024 19:50	3.5	239	12	4.9	0.00
28/06/2024 20:00	3.8	233	13	5.3	0.00
28/06/2024 20:10	3.8	236	13	4.9	0.00
28/06/2024 20:20	2.8	235	14	4.2	0.00
28/06/2024 20:30	2.5	235	14	3.5	0.00
28/06/2024 20:40	2.7	236	13	4.4	0.00
28/06/2024 20:50	3.0	237	14	4.7	0.00
28/06/2024 21:00	3.2	237	12	4.8	0.00
28/06/2024 21:10	2.8	235	14	4.2	0.00
28/06/2024 21:20	2.6	235	13	4.5	0.00
28/06/2024 21:30	2.8	237	14	4.0	0.00
28/06/2024 21:40	2.8	235	14	4.1	0.00
28/06/2024 21:50	2.5	239	13	3.4	0.00
28/06/2024 22:00	2.3	237	15	3.4	0.00
28/06/2024 22:10	2.5	235	15	3.5	0.00
28/06/2024 22:20	2.7	229	13	3.6	0.00
28/06/2024 22:30	3.6	228	13	5.8	0.00
28/06/2024 22:40	3.6	226	13	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 22:50	3.3	220	17	5.6	0.00
28/06/2024 23:00	3.8	221	16	5.7	0.00
28/06/2024 23:10	4.1	220	16	5.6	0.00
28/06/2024 23:20	4.0	221	15	5.6	0.00
28/06/2024 23:30	3.7	222	14	5.7	0.00
28/06/2024 23:40	3.7	215	16	5.6	0.00
28/06/2024 23:50	3.4	218	15	5.1	0.00
29/06/2024 00:00	3.1	221	15	4.5	0.00
29/06/2024 00:10	2.8	220	17	4.0	0.00
29/06/2024 00:20	2.2	223	14	3.3	0.00
29/06/2024 00:30	2.0	220	19	3.2	0.00
29/06/2024 00:40	2.0	221	17	3.3	0.00
29/06/2024 00:50	2.1	225	18	3.2	0.00
29/06/2024 01:00	2.0	222	18	3.2	0.00
29/06/2024 01:10	1.8	221	22	2.8	0.00
29/06/2024 01:20	2.5	219	19	4.0	0.00
29/06/2024 01:30	2.7	219	14	3.7	0.00
29/06/2024 01:40	2.6	225	13	3.8	0.00
29/06/2024 01:50	2.6	226	15	3.5	0.00
29/06/2024 02:00	2.4	222	15	3.4	0.00
29/06/2024 02:10	2.4	222	11	3.2	0.00
29/06/2024 02:20	2.4	226	13	3.5	0.00
29/06/2024 02:30	2.0	225	16	3.0	0.00
29/06/2024 02:40	2.0	224	14	2.9	0.00
29/06/2024 02:50	1.4	226	16	2.0	0.00
29/06/2024 03:00	1.1	227	19	1.6	0.00
29/06/2024 03:10	1.1	232	16	2.1	0.00
29/06/2024 03:20	1.6	226	14	2.4	0.00
29/06/2024 03:30	2.0	233	13	2.9	0.00
29/06/2024 03:40	1.8	232	15	2.6	0.00
29/06/2024 03:50	1.8	234	15	2.7	0.00
29/06/2024 04:00	1.8	230	17	2.7	0.00
29/06/2024 04:10	1.5	229	12	2.3	0.00
29/06/2024 04:20	1.7	236	13	2.4	0.00
29/06/2024 04:30	1.3	238	15	1.9	0.00
29/06/2024 04:40	0.6	260	13	1.1	0.00
29/06/2024 04:50	0.6	267	14	1.1	0.00
29/06/2024 05:00	0.6	263	12	1.2	0.00
29/06/2024 05:10	1.0	256	16	1.4	0.00
29/06/2024 05:20	1.1	244	16	1.6	0.00
29/06/2024 05:30	0.3	265	9	1.1	0.00
29/06/2024 05:40	0.5	307	13	0.8	0.00
29/06/2024 05:50	0.1	325	5	0.8	0.00
29/06/2024 06:00	1.0	288	7	1.3	0.00
29/06/2024 06:10	0.3	286	8	0.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 06:20					0.00
29/06/2024 06:30	0.0	289	1	0.8	0.00
29/06/2024 06:40	1.0	271	23	1.5	0.00
29/06/2024 06:50	1.1	260	20	1.5	0.00
29/06/2024 07:00	1.2	265	14	1.5	0.00
29/06/2024 07:10	1.2	267	10	1.6	0.00
29/06/2024 07:20	0.9	260	15	1.3	0.00
29/06/2024 07:30	0.2	255	3	0.6	0.00
29/06/2024 07:40	0.3	219	17	1.1	0.00
29/06/2024 07:50	0.1	179	16	0.6	0.00
29/06/2024 08:00	0.2	165	21	1.4	0.00
29/06/2024 08:10	0.0	126	2	0.6	0.00
29/06/2024 08:20	0.9	131	32	1.9	0.00
29/06/2024 08:30	1.0	121	47	2.2	0.00
29/06/2024 08:40	0.9	187	82	2.2	0.00
29/06/2024 08:50	1.1	149	76	2.3	0.00
29/06/2024 09:00	1.0	239	73	2.0	0.00
29/06/2024 09:10	1.3	122	58	2.1	0.00
29/06/2024 09:20	1.8	129	44	3.2	0.00
29/06/2024 09:30	2.2	125	33	3.6	0.00
29/06/2024 09:40	1.6	130	51	2.7	0.00
29/06/2024 09:50	1.6	125	58	2.6	0.00
29/06/2024 10:00	2.1	176	52	3.4	0.00
29/06/2024 10:10	2.0	160	50	3.2	0.00
29/06/2024 10:20	2.6	153	44	4.0	0.00
29/06/2024 10:30	2.6	217	35	4.4	0.00
29/06/2024 10:40	3.2	208	22	4.8	0.00
29/06/2024 10:50	2.2	196	55	3.6	0.00
29/06/2024 11:00	2.7	213	25	4.4	0.00
29/06/2024 11:10	2.7	216	20	4.4	0.00
29/06/2024 11:20	2.6	214	32	4.5	0.00
29/06/2024 11:30	2.7	222	44	4.8	0.00
29/06/2024 11:40	3.4	215	14	5.0	0.00
29/06/2024 11:50	3.4	216	16	5.5	0.00
29/06/2024 12:00	3.2	212	22	4.9	0.00
29/06/2024 12:10	3.1	218	20	6.1	0.00
29/06/2024 12:20	3.5	218	24	6.4	0.00
29/06/2024 12:30	3.4	223	27	4.8	0.00
29/06/2024 12:40	3.4	216	22	5.4	0.00
29/06/2024 12:50	3.2	216	33	5.1	0.00
29/06/2024 13:00	3.5	219	16	5.6	0.00
29/06/2024 13:10	3.7	232	20	5.3	0.00
29/06/2024 13:20	2.9	223	19	4.6	0.00
29/06/2024 13:30	4.1	233	16	8.1	0.00
29/06/2024 13:40	3.9	262	14	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 13:50	4.9	259	12	6.8	0.00
29/06/2024 14:00	4.9	261	13	7.0	0.00
29/06/2024 14:10	4.4	251	16	6.2	0.00
29/06/2024 14:20	4.5	247	15	6.0	0.00
29/06/2024 14:30	4.9	252	11	6.4	0.00
29/06/2024 14:40	4.9	253	11	7.3	0.00
29/06/2024 14:50	4.7	255	11	6.7	0.00
29/06/2024 15:00	4.8	251	12	6.4	0.00
29/06/2024 15:10	5.3	254	10	6.9	0.00
29/06/2024 15:20	4.7	248	14	6.5	0.00
29/06/2024 15:30	4.6	248	12	6.3	0.00
29/06/2024 15:40	4.7	246	12	6.7	0.00
29/06/2024 15:50	4.9	247	12	6.5	0.00
29/06/2024 16:00	4.0	247	13	5.7	0.00
29/06/2024 16:10	4.1	250	13	5.6	0.00
29/06/2024 16:20	4.5	248	11	6.6	0.00
29/06/2024 16:30	4.6	252	12	6.0	0.00
29/06/2024 16:40	4.7	255	14	6.4	0.00
29/06/2024 16:50	4.4	249	11	6.0	0.00
29/06/2024 17:00	4.5	249	12	6.0	0.00
29/06/2024 17:10	3.9	250	11	5.2	0.00
29/06/2024 17:20	4.9	245	11	6.8	0.00
29/06/2024 17:30	4.5	248	13	6.4	0.00
29/06/2024 17:40	4.1	250	11	5.6	0.00
29/06/2024 17:50	4.5	248	10	6.8	0.00
29/06/2024 18:00	4.5	248	11	6.4	0.00
29/06/2024 18:10	4.2	251	10	5.7	0.00
29/06/2024 18:20	4.0	248	11	5.4	0.00
29/06/2024 18:30	4.1	252	10	5.6	0.00
29/06/2024 18:40	3.7	248	12	5.1	0.00
29/06/2024 18:50	4.2	247	11	5.6	0.00
29/06/2024 19:00	4.1	245	10	5.6	0.00
29/06/2024 19:10	3.6	244	10	5.2	0.00
29/06/2024 19:20	3.9	243	11	5.4	0.00
29/06/2024 19:30	3.4	244	11	4.6	0.00
29/06/2024 19:40	3.2	236	13	4.8	0.00
29/06/2024 19:50	2.9	232	13	4.6	0.00
29/06/2024 20:00	2.0	229	15	3.0	0.00
29/06/2024 20:10	2.3	226	12	3.6	0.00
29/06/2024 20:20	2.1	229	16	3.2	0.00
29/06/2024 20:30	1.5	227	15	2.5	0.00
29/06/2024 20:40	1.2	228	15	2.0	0.00
29/06/2024 20:50	1.4	229	13	2.1	0.00
29/06/2024 21:00	1.3	229	11	2.4	0.00
29/06/2024 21:10	1.3	234	12	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 21:20	1.4	227	14	2.2	0.00
29/06/2024 21:30	1.4	227	14	2.2	0.00
29/06/2024 21:40	1.5	225	13	2.3	0.00
29/06/2024 21:50	1.8	229	12	2.7	0.00
29/06/2024 22:00	1.7	231	14	2.4	0.00
29/06/2024 22:10	1.6	233	11	2.4	0.00
29/06/2024 22:20	1.0	232	13	1.6	0.00
29/06/2024 22:30	1.1	234	11	1.6	0.00
29/06/2024 22:40	0.1	220	6	1.1	0.00
29/06/2024 22:50					0.00
29/06/2024 23:00					0.00
29/06/2024 23:10					0.00
29/06/2024 23:20	0.4	229	12	1.7	0.00
29/06/2024 23:30					0.00
29/06/2024 23:40					0.00
29/06/2024 23:50					0.00
30/06/2024 00:00	0.1	232	2	1.4	0.00
30/06/2024 00:10	0.4	216	16	1.2	0.00
30/06/2024 00:20	1.2	209	22	2.5	0.00
30/06/2024 00:30	1.4	212	14	2.4	0.00
30/06/2024 00:40	0.9	211	27	2.0	0.00
30/06/2024 00:50	1.8	211	21	2.8	0.00
30/06/2024 01:00	1.6	213	15	2.4	0.00
30/06/2024 01:10	0.7	217	15	2.0	0.00
30/06/2024 01:20	0.7	243	10	1.6	0.00
30/06/2024 01:30	0.8	237	14	2.0	0.00
30/06/2024 01:40					0.00
30/06/2024 01:50					0.00
30/06/2024 02:00					0.00
30/06/2024 02:10	0.2	4	34	1.1	0.00
30/06/2024 02:20	0.0	315	15	0.6	0.00
30/06/2024 02:30					0.00
30/06/2024 02:40					0.00
30/06/2024 02:50					0.00
30/06/2024 03:00					0.00
30/06/2024 03:10					0.00
30/06/2024 03:20					0.00
30/06/2024 03:30	1.3	126	33	2.4	0.00
30/06/2024 03:40	0.8	129	37	2.1	0.00
30/06/2024 03:50	0.7	133	19	2.0	0.00
30/06/2024 04:00	0.6	135	25	1.7	0.00
30/06/2024 04:10	0.4	138	29	1.6	0.00
30/06/2024 04:20	0.6	113	31	1.8	0.00
30/06/2024 04:30	0.9	72	25	2.0	0.00
30/06/2024 04:40	1.9	40	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 04:50	1.2	56	17	1.9	0.00
30/06/2024 05:00	1.1	61	17	2.3	0.00
30/06/2024 05:10	1.4	56	13	2.1	0.00
30/06/2024 05:20	0.9	61	9	1.4	0.00
30/06/2024 05:30	0.2	84	5	1.1	0.00
30/06/2024 05:40	0.0	148	1	0.6	0.00
30/06/2024 05:50	0.2	121	12	1.2	0.00
30/06/2024 06:00	0.1	61	7	1.1	0.00
30/06/2024 06:10	0.2	76	8	1.6	0.00
30/06/2024 06:20	1.2	73	16	1.8	0.00
30/06/2024 06:30	0.7	89	10	1.8	0.00
30/06/2024 06:40	1.4	82	13	2.2	0.00
30/06/2024 06:50	2.3	97	13	3.5	0.00
30/06/2024 07:00	2.4	113	13	3.7	0.00
30/06/2024 07:10	1.5	109	12	2.4	0.00
30/06/2024 07:20	1.3	105	9	2.0	0.00
30/06/2024 07:30	2.0	100	10	2.5	0.00
30/06/2024 07:40	2.1	107	10	2.8	0.00
30/06/2024 07:50	1.8	109	11	2.8	0.00
30/06/2024 08:00	2.1	117	16	3.2	0.00
30/06/2024 08:10	2.0	114	16	2.9	0.00
30/06/2024 08:20	2.3	105	13	3.6	0.00
30/06/2024 08:30	2.4	124	17	3.6	0.00
30/06/2024 08:40	2.6	128	17	3.9	0.00
30/06/2024 08:50	2.5	128	17	3.6	0.00
30/06/2024 09:00	2.8	119	20	4.4	0.00
30/06/2024 09:10	3.3	118	15	4.8	0.00
30/06/2024 09:20	2.9	128	16	4.8	0.00
30/06/2024 09:30	3.3	129	16	5.0	0.00
30/06/2024 09:40	3.0	124	15	4.5	0.00
30/06/2024 09:50	3.3	117	16	4.6	0.00
30/06/2024 10:00	3.4	120	15	5.0	0.00
30/06/2024 10:10	3.6	111	16	5.3	0.00
30/06/2024 10:20	3.1	113	16	4.3	0.00
30/06/2024 10:30	3.6	113	15	5.5	0.00
30/06/2024 10:40	3.0	112	19	4.4	0.00
30/06/2024 10:50	2.9	112	21	4.7	0.00
30/06/2024 11:00	4.5	96	14	6.7	0.00
30/06/2024 11:10	4.8	92	14	6.7	0.00
30/06/2024 11:20	4.0	103	15	5.8	0.00
30/06/2024 11:30	4.6	94	14	7.3	0.00
30/06/2024 11:40	5.0	88	11	6.5	0.00
30/06/2024 11:50	4.7	89	11	6.4	0.00
30/06/2024 12:00	4.4	90	17	6.0	0.00
30/06/2024 12:10	4.3	99	16	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 12:20	4.6	96	15	6.5	0.00
30/06/2024 12:30	4.5	99	11	6.4	0.00
30/06/2024 12:40	4.0	89	14	5.5	0.00
30/06/2024 12:50	3.5	93	21	5.5	0.00
30/06/2024 13:00	4.0	82	14	5.8	0.00
30/06/2024 13:10	3.6	81	16	5.6	0.00
30/06/2024 13:20	3.7	75	13	5.7	0.00
30/06/2024 13:30	3.2	83	19	4.9	0.00
30/06/2024 13:40	3.9	75	13	5.5	0.00
30/06/2024 13:50	3.3	84	19	5.0	0.00
30/06/2024 14:00	3.4	87	21	5.8	0.00
30/06/2024 14:10	3.2	77	16	4.8	0.00
30/06/2024 14:20	3.2	64	15	4.9	0.00
30/06/2024 14:30	3.5	66	15	4.9	0.00
30/06/2024 14:40	3.5	55	16	5.2	0.00
30/06/2024 14:50	3.2	63	16	5.1	0.00
30/06/2024 15:00	3.3	56	14	4.9	0.00
30/06/2024 15:10	3.6	60	19	4.7	0.00
30/06/2024 15:20	3.4	64	16	5.0	0.00
30/06/2024 15:30	3.5	66	13	4.8	0.00
30/06/2024 15:40	3.1	63	14	4.4	0.00
30/06/2024 15:50	3.4	47	13	4.8	0.00
30/06/2024 16:00	3.1	44	15	4.5	0.00
30/06/2024 16:10	2.8	45	12	3.9	0.00
30/06/2024 16:20	2.6	56	15	4.0	0.00
30/06/2024 16:30	2.7	52	14	3.8	0.00
30/06/2024 16:40	2.3	41	13	3.6	0.00
30/06/2024 16:50	2.3	49	11	3.3	0.00
30/06/2024 17:00	2.1	57	11	2.7	0.00
30/06/2024 17:10	2.3	49	11	3.6	0.00
30/06/2024 17:20	1.2	55	9	2.4	0.00
30/06/2024 17:30					0.00
30/06/2024 17:40	1.1	54	6	3.0	0.00
30/06/2024 17:50	1.4	45	10	2.0	0.00
30/06/2024 18:00	0.6	38	4	1.3	0.00
30/06/2024 18:10	1.6	43	7	2.0	0.00
30/06/2024 18:20	1.4	46	8	1.8	0.00
30/06/2024 18:30	0.5	39	4	1.7	0.00
30/06/2024 18:40					0.00
30/06/2024 18:50					0.00
30/06/2024 19:00					0.00
30/06/2024 19:10					0.00
30/06/2024 19:20					0.00
30/06/2024 19:30					0.00
30/06/2024 19:40					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 19:50					0.00
30/06/2024 20:00					0.00
30/06/2024 20:10					0.00
30/06/2024 20:20					0.00
30/06/2024 20:30					0.00
30/06/2024 20:40					0.00
30/06/2024 20:50					0.00
30/06/2024 21:00					0.00
30/06/2024 21:10					0.00
30/06/2024 21:20					0.00
30/06/2024 21:30					0.00
30/06/2024 21:40					0.00
30/06/2024 21:50					0.00
30/06/2024 22:00					0.00
30/06/2024 22:10					0.00
30/06/2024 22:20					0.00
30/06/2024 22:30					0.00
30/06/2024 22:40					0.00
30/06/2024 22:50					0.00
30/06/2024 23:00					0.00
30/06/2024 23:10					0.00
30/06/2024 23:20	0.5	93	6	2.0	0.00
30/06/2024 23:30	0.8	88	11	2.2	0.00
30/06/2024 23:40					0.00
30/06/2024 23:50					0.00
01/07/2024 00:00	0.8	88	10	2.3	0.00
01/07/2024 00:10	1.7	99	13	2.7	0.00
01/07/2024 00:20	2.3	94	12	4.0	0.00
01/07/2024 00:30	2.5	101	13	4.2	0.00
01/07/2024 00:40	2.5	102	14	4.4	0.00
01/07/2024 00:50	3.2	111	15	5.2	0.00
01/07/2024 01:00	2.9	102	13	5.0	0.00
01/07/2024 01:10	2.9	106	14	4.2	0.00
01/07/2024 01:20	3.6	103	14	5.8	0.00
01/07/2024 01:30	3.0	101	12	4.7	0.00
01/07/2024 01:40	3.2	103	15	5.5	0.00
01/07/2024 01:50	3.0	104	14	4.5	0.00
01/07/2024 02:00	3.6	112	15	6.0	0.00
01/07/2024 02:10	3.0	112	16	4.7	0.00
01/07/2024 02:20	3.4	113	16	5.6	0.00
01/07/2024 02:30	3.1	114	15	5.3	0.00
01/07/2024 02:40	2.9	105	16	4.4	0.00
01/07/2024 02:50	2.7	106	15	3.9	0.00
01/07/2024 03:00	3.4	106	13	5.2	0.00
01/07/2024 03:10	3.0	101	11	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 03:20	3.3	94	13	5.2	0.00
01/07/2024 03:30	4.0	97	11	6.4	0.00
01/07/2024 03:40	3.3	98	13	4.8	0.00
01/07/2024 03:50	4.2	91	13	6.2	0.00
01/07/2024 04:00	4.5	91	12	6.4	0.00
01/07/2024 04:10	4.4	93	11	6.2	0.00
01/07/2024 04:20	4.3	90	12	6.2	0.00
01/07/2024 04:30	4.4	90	12	6.3	0.00
01/07/2024 04:40	4.5	90	12	6.8	0.00
01/07/2024 04:50	5.1	93	13	7.3	0.00
01/07/2024 05:00	5.3	92	11	7.5	0.00
01/07/2024 05:10	4.4	91	12	6.1	0.00
01/07/2024 05:20	4.8	92	11	6.9	0.00
01/07/2024 05:30	4.8	91	10	6.4	0.00
01/07/2024 05:40	4.5	92	13	6.4	0.00
01/07/2024 05:50	4.6	92	12	6.6	0.00
01/07/2024 06:00	3.9	94	13	5.6	0.00
01/07/2024 06:10	2.8	100	12	4.3	0.00
01/07/2024 06:20	3.8	105	16	6.0	0.00
01/07/2024 06:30	2.6	111	13	3.8	0.00
01/07/2024 06:40	2.5	117	14	3.9	0.00
01/07/2024 06:50	2.5	107	18	4.8	0.00
01/07/2024 07:00	2.0	102	15	3.6	0.00
01/07/2024 07:10	2.2	97	14	3.3	0.00
01/07/2024 07:20	1.7	107	16	2.7	0.00
01/07/2024 07:30	2.0	105	19	4.1	0.00
01/07/2024 07:40	4.1	86	11	5.6	0.00
01/07/2024 07:50	3.9	84	11	5.1	0.00
01/07/2024 08:00	3.8	84	12	5.5	0.00
01/07/2024 08:10	3.4	84	13	4.9	0.00
01/07/2024 08:20	3.8	90	14	5.6	0.00
01/07/2024 08:30	4.3	90	13	6.0	0.00
01/07/2024 08:40	3.9	96	15	5.6	0.00
01/07/2024 08:50	4.5	94	11	6.4	0.00
01/07/2024 09:00	4.6	92	14	6.9	0.00
01/07/2024 09:10	6.0	90	13	8.1	0.00
01/07/2024 09:20	6.5	93	13	9.5	0.00
01/07/2024 09:30	6.1	91	13	8.7	0.00
01/07/2024 09:40	6.3	80	11	9.3	0.00
01/07/2024 09:50	6.5	83	11	8.9	0.00
01/07/2024 10:00	6.8	80	11	8.9	0.00
01/07/2024 10:10	6.5	83	10	8.7	0.00
01/07/2024 10:20	6.9	83	11	9.1	0.00
01/07/2024 10:30	6.8	81	10	9.4	0.00
01/07/2024 10:40	6.8	79	13	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 10:50	6.1	78	12	8.7	0.00
01/07/2024 11:00	7.7	75	9	10.0	0.00
01/07/2024 11:10	7.1	79	13	9.6	0.00
01/07/2024 11:20	7.3	80	12	9.5	0.00
01/07/2024 11:30	7.3	87	12	9.5	0.00
01/07/2024 11:40	6.7	90	12	9.1	0.00
01/07/2024 11:50	6.8	80	12	9.1	0.00
01/07/2024 12:00	7.3	76	11	9.8	0.00
01/07/2024 12:10	7.1	85	12	9.6	0.00
01/07/2024 12:20	6.6	77	11	9.0	0.00
01/07/2024 12:30	6.6	78	13	9.3	0.00
01/07/2024 12:40	6.9	74	12	9.2	0.00
01/07/2024 12:50	6.1	77	12	8.3	0.00
01/07/2024 13:00	6.5	74	12	9.4	0.00
01/07/2024 13:10	6.8	77	10	8.9	0.00
01/07/2024 13:20	6.1	80	10	8.7	0.00
01/07/2024 13:30	5.6	85	12	7.9	0.00
01/07/2024 13:40	6.3	69	11	8.6	0.00
01/07/2024 13:50	6.5	72	12	8.5	0.00
01/07/2024 14:00	6.5	66	11	8.9	0.30
01/07/2024 14:10	6.6	66	11	9.2	0.00
01/07/2024 14:20	6.2	68	12	8.4	0.00
01/07/2024 14:30	6.3	66	11	8.3	0.00
01/07/2024 14:40	5.6	66	12	7.7	0.00
01/07/2024 14:50	5.9	69	12	8.1	0.00
01/07/2024 15:00	5.6	68	13	7.3	0.00
01/07/2024 15:10	5.3	65	10	7.4	0.00
01/07/2024 15:20	5.5	68	11	7.7	0.00
01/07/2024 15:30	5.3	70	11	7.2	0.00
01/07/2024 15:40	5.2	62	11	7.1	0.00
01/07/2024 15:50	4.6	68	13	6.6	0.00
01/07/2024 16:00	4.8	67	9	6.5	0.00
01/07/2024 16:10	4.2	65	12	5.9	0.00
01/07/2024 16:20	4.1	63	12	5.8	0.00
01/07/2024 16:30	4.4	65	12	6.0	0.00
01/07/2024 16:40	4.1	60	11	5.8	0.00
01/07/2024 16:50	3.9	64	12	5.2	0.00
01/07/2024 17:00	3.0	62	13	4.6	0.00
01/07/2024 17:10	3.1	52	13	4.2	0.00
01/07/2024 17:20	3.3	54	11	4.6	0.00
01/07/2024 17:30	3.2	56	10	4.6	0.00
01/07/2024 17:40	2.6	60	11	3.8	0.00
01/07/2024 17:50	2.5	62	9	3.2	0.00
01/07/2024 18:00	2.1	72	10	3.3	0.00
01/07/2024 18:10	1.3	85	10	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 18:20	0.5	40	4	0.9	0.00
01/07/2024 18:30	0.0	0	0	0.0	0.00
01/07/2024 18:40	0.0	0	0	0.0	0.00
01/07/2024 18:50	0.0	0	0	0.0	0.00
01/07/2024 19:00	0.0	0	0	0.0	0.00
01/07/2024 19:10	0.0	0	0	0.0	0.00
01/07/2024 19:20	0.0	0	0	0.0	0.00
01/07/2024 19:30	0.0	0	0	0.0	0.00
01/07/2024 19:40	0.0	0	0	0.0	0.00
01/07/2024 19:50	0.0	0	0	0.0	0.00
01/07/2024 20:00	0.0	0	0	0.0	0.00
01/07/2024 20:10	0.0	0	0	0.0	0.00
01/07/2024 20:20	0.0	0	0	0.0	0.00
01/07/2024 20:30	0.0	0	0	0.0	0.00
01/07/2024 20:40	0.0	0	0	0.0	0.00
01/07/2024 20:50	0.0	0	0	0.0	0.00
01/07/2024 21:00	0.0	0	0	0.0	0.00
01/07/2024 21:10	0.0	0	0	0.0	0.00
01/07/2024 21:20	0.0	0	0	0.0	0.00
01/07/2024 21:30	0.0	0	0	0.0	0.00
01/07/2024 21:40	0.0	0	0	0.0	0.00
01/07/2024 21:50	0.0	0	0	0.0	0.00
01/07/2024 22:00	0.0	0	0	0.0	0.00
01/07/2024 22:10	0.0	0	0	0.0	0.00
01/07/2024 22:20	0.0	0	0	0.0	0.00
01/07/2024 22:30	0.7	110	8	2.0	0.00
01/07/2024 22:40	0.7	129	10	1.3	0.00
01/07/2024 22:50	1.6	134	19	3.1	0.00
01/07/2024 23:00	2.3	130	26	3.9	0.00
01/07/2024 23:10	2.6	125	16	4.0	0.00
01/07/2024 23:20	2.9	119	16	4.4	0.00
01/07/2024 23:30	2.8	117	15	4.6	0.00
01/07/2024 23:40	2.3	109	12	3.4	0.00
01/07/2024 23:50	2.5	106	12	3.4	0.00
02/07/2024 00:00	2.4	106	13	3.5	0.00
02/07/2024 00:10	2.6	104	12	3.8	0.00
02/07/2024 00:20	2.4	103	11	3.2	0.00
02/07/2024 00:30	2.8	111	11	3.9	0.00
02/07/2024 00:40	2.6	114	12	4.2	0.00
02/07/2024 00:50	2.2	116	14	3.4	0.00
02/07/2024 01:00	2.3	103	11	3.2	0.00
02/07/2024 01:10	2.2	102	10	3.6	0.00
02/07/2024 01:20	2.6	103	12	3.6	0.00
02/07/2024 01:30	2.0	106	10	3.4	0.00
02/07/2024 01:40	1.6	93	9	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 01:50	2.2	100	8	3.0	0.00
02/07/2024 02:00	2.3	97	11	3.2	0.00
02/07/2024 02:10	2.5	98	10	3.3	0.00
02/07/2024 02:20	2.5	102	11	3.6	0.00
02/07/2024 02:30	2.3	104	13	3.2	0.00
02/07/2024 02:40	3.0	105	12	4.8	0.00
02/07/2024 02:50	3.2	109	13	4.4	0.00
02/07/2024 03:00	3.3	101	14	5.6	0.00
02/07/2024 03:10	2.9	102	14	4.8	0.00
02/07/2024 03:20	3.4	100	13	4.7	0.00
02/07/2024 03:30	3.6	105	12	5.8	0.00
02/07/2024 03:40	3.1	104	14	4.5	0.00
02/07/2024 03:50	3.3	102	12	4.6	0.00
02/07/2024 04:00	3.4	98	12	5.3	0.00
02/07/2024 04:10	3.4	95	11	4.6	0.00
02/07/2024 04:20	3.3	98	12	4.8	0.00
02/07/2024 04:30	3.6	103	13	5.8	0.00
02/07/2024 04:40	3.7	106	12	5.6	0.00
02/07/2024 04:50	2.7	102	11	4.2	0.00
02/07/2024 05:00	3.1	105	12	5.2	0.00
02/07/2024 05:10	2.9	110	13	4.3	0.00
02/07/2024 05:20	3.4	110	13	5.2	0.00
02/07/2024 05:30	3.6	109	13	5.8	0.00
02/07/2024 05:40	3.3	108	13	5.2	0.00
02/07/2024 05:50	3.1	104	12	4.8	0.00
02/07/2024 06:00	2.7	101	12	4.2	0.00
02/07/2024 06:10	3.1	105	13	4.5	0.00
02/07/2024 06:20	3.0	107	12	4.4	0.00
02/07/2024 06:30	3.3	107	13	5.2	0.00
02/07/2024 06:40	3.0	111	13	4.6	0.00
02/07/2024 06:50	2.8	112	14	4.2	0.00
02/07/2024 07:00	2.8	112	14	4.2	0.00
02/07/2024 07:10	3.1	116	13	4.4	0.00
02/07/2024 07:20	2.6	117	14	5.0	0.00
02/07/2024 07:30	2.8	110	15	4.0	0.00
02/07/2024 07:40	3.2	114	13	4.8	0.00
02/07/2024 07:50	3.0	110	13	4.8	0.00
02/07/2024 08:00	3.0	114	14	4.0	0.00
02/07/2024 08:10	3.4	111	14	4.9	0.00
02/07/2024 08:20	3.9	115	16	5.6	0.00
02/07/2024 08:30	3.7	109	14	5.2	0.00
02/07/2024 08:40	4.0	108	14	5.7	0.00
02/07/2024 08:50	3.7	107	16	5.8	0.00
02/07/2024 09:00	4.0	93	15	5.6	0.00
02/07/2024 09:10	4.3	94	13	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 09:20	4.3	95	12	6.3	0.00
02/07/2024 09:30	4.5	110	14	6.5	0.00
02/07/2024 09:40	4.6	113	14	6.6	0.00
02/07/2024 09:50	4.3	109	14	6.6	0.00
02/07/2024 10:00	4.9	109	12	6.8	0.00
02/07/2024 10:10	4.2	116	17	5.8	0.00
02/07/2024 10:20	4.3	114	15	6.1	0.00
02/07/2024 10:30	3.9	105	14	5.7	0.00
02/07/2024 10:40	4.3	97	12	5.9	0.00
02/07/2024 10:50	5.3	93	13	7.5	0.00
02/07/2024 11:00	5.4	99	13	7.2	0.00
02/07/2024 11:10	5.4	93	11	7.5	0.00
02/07/2024 11:20	5.3	100	12	7.2	0.00
02/07/2024 11:30	5.4	90	10	7.3	0.00
02/07/2024 11:40	5.3	91	10	6.8	0.00
02/07/2024 11:50	5.2	88	11	6.8	0.00
02/07/2024 12:00	5.3	87	9	6.8	0.00
02/07/2024 12:10	4.9	93	11	6.9	0.00
02/07/2024 12:20	4.5	94	14	6.0	0.00
02/07/2024 12:30	4.7	97	14	6.5	0.00
02/07/2024 12:40	4.4	92	14	6.0	0.00
02/07/2024 12:50	4.0	95	13	5.6	0.00
02/07/2024 13:00	4.1	94	12	5.7	0.00
02/07/2024 13:10	3.9	84	12	5.7	0.00
02/07/2024 13:20	3.7	83	15	5.6	0.00
02/07/2024 13:30	3.5	78	15	5.2	0.00
02/07/2024 13:40	4.0	73	11	6.0	0.00
02/07/2024 13:50	3.8	78	14	5.2	0.00
02/07/2024 14:00	4.0	80	14	5.6	0.00
02/07/2024 14:10	4.1	72	11	5.5	0.00
02/07/2024 14:20	3.8	72	12	5.1	0.00
02/07/2024 14:30	3.7	75	14	5.2	0.00
02/07/2024 14:40	3.5	72	13	4.8	0.00
02/07/2024 14:50	3.7	71	13	5.1	0.00
02/07/2024 15:00	3.6	61	14	5.4	0.00
02/07/2024 15:10	4.1	63	11	5.2	0.00
02/07/2024 15:20	3.8	63	12	5.1	0.00
02/07/2024 15:30	4.1	61	12	5.6	0.00
02/07/2024 15:40	3.9	66	14	5.8	0.00
02/07/2024 15:50	4.0	66	13	5.8	0.00
02/07/2024 16:00	4.0	60	11	6.0	0.00
02/07/2024 16:10	4.2	69	12	6.0	0.00
02/07/2024 16:20	3.9	66	10	5.6	0.00
02/07/2024 16:30	4.0	64	10	5.5	0.00
02/07/2024 16:40	3.3	64	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 16:50	3.5	62	12	5.0	0.00
02/07/2024 17:00	3.0	48	11	4.2	0.00
02/07/2024 17:10	2.4	53	13	3.5	0.00
02/07/2024 17:20	2.4	62	12	3.2	0.00
02/07/2024 17:30	2.3	61	9	3.2	0.00
02/07/2024 17:40	2.3	58	10	3.0	0.00
02/07/2024 17:50	2.3	57	10	3.2	0.00
02/07/2024 18:00	2.1	54	9	2.8	0.00
02/07/2024 18:10	1.6	63	9	2.4	0.00
02/07/2024 18:20	1.3	67	8	1.9	0.00
02/07/2024 18:30	0.9	70	8	1.6	0.00
02/07/2024 18:40	0.0	41	0	0.2	0.00
02/07/2024 18:50	0.1	107	3	0.7	0.00
02/07/2024 19:00	0.0	0	0	0.0	0.00
02/07/2024 19:10	0.0	0	0	0.0	0.00
02/07/2024 19:20	0.0	0	0	0.0	0.00
02/07/2024 19:30	0.1	25	1	0.5	0.00
02/07/2024 19:40	0.0	0	0	0.0	0.00
02/07/2024 19:50	0.0	0	0	0.0	0.00
02/07/2024 20:00	0.0	0	0	0.0	0.00
02/07/2024 20:10	2.1	245	10	3.2	0.00
02/07/2024 20:20	1.0	247	7	2.8	0.00
02/07/2024 20:30	0.7	234	8	1.7	0.00
02/07/2024 20:40	1.3	231	13	2.0	0.00
02/07/2024 20:50	1.0	236	12	1.3	0.00
02/07/2024 21:00	0.6	246	6	1.5	0.00
02/07/2024 21:10	1.4	245	9	1.9	0.00
02/07/2024 21:20	0.3	246	5	1.2	0.00
02/07/2024 21:30	0.0	0	0	0.0	0.00
02/07/2024 21:40	0.0	0	0	0.0	0.00
02/07/2024 21:50	0.0	0	0	0.0	0.00
02/07/2024 22:00	0.0	0	0	0.0	0.00
02/07/2024 22:10	0.0	0	0	0.0	0.00
02/07/2024 22:20	0.0	0	0	0.0	0.00
02/07/2024 22:30	0.0	0	0	0.0	0.00
02/07/2024 22:40	0.0	0	0	0.0	0.00
02/07/2024 22:50	0.0	0	0	0.0	0.00
02/07/2024 23:00	0.0	0	0	0.0	0.00
02/07/2024 23:10	0.0	0	0	0.0	0.00
02/07/2024 23:20	0.0	0	0	0.0	0.00
02/07/2024 23:30	0.0	0	0	0.0	0.00
02/07/2024 23:40	0.0	0	0	0.0	0.00
02/07/2024 23:50	0.0	0	0	0.0	0.00
03/07/2024 00:00	0.3	43	3	1.1	0.00
03/07/2024 00:10	1.7	87	11	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 00:20	2.5	77	12	3.6	0.00
03/07/2024 00:30	2.7	75	11	4.0	0.00
03/07/2024 00:40	2.3	85	12	3.4	0.00
03/07/2024 00:50	1.8	93	13	3.1	0.00
03/07/2024 01:00	2.0	92	11	2.9	0.00
03/07/2024 01:10	2.0	97	11	3.2	0.00
03/07/2024 01:20	2.1	99	11	3.2	0.00
03/07/2024 01:30	2.8	97	13	4.4	0.00
03/07/2024 01:40	3.5	87	12	5.6	0.00
03/07/2024 01:50	3.7	90	11	5.4	0.00
03/07/2024 02:00	3.8	89	11	5.5	0.00
03/07/2024 02:10	4.7	86	11	6.2	0.00
03/07/2024 02:20	4.8	85	11	6.3	0.00
03/07/2024 02:30	4.4	88	11	5.7	0.00
03/07/2024 02:40	4.9	90	11	7.0	0.00
03/07/2024 02:50	4.8	90	12	7.4	0.00
03/07/2024 03:00	5.0	91	11	6.8	0.00
03/07/2024 03:10	4.9	91	12	6.8	0.00
03/07/2024 03:20	5.0	89	11	7.3	0.00
03/07/2024 03:30	5.7	91	11	7.7	0.00
03/07/2024 03:40	6.0	92	12	8.5	0.00
03/07/2024 03:50	6.3	94	13	8.6	0.00
03/07/2024 04:00	6.3	91	13	9.1	0.00
03/07/2024 04:10	6.3	91	11	9.5	0.00
03/07/2024 04:20	5.8	93	11	8.3	0.00
03/07/2024 04:30	6.4	94	10	9.4	0.00
03/07/2024 04:40	6.9	93	12	10.3	0.00
03/07/2024 04:50	6.7	91	12	9.1	0.00
03/07/2024 05:00	6.8	93	12	9.7	0.00
03/07/2024 05:10	6.9	91	11	9.3	0.00
03/07/2024 05:20	6.8	94	12	9.1	0.00
03/07/2024 05:30	6.3	96	12	9.8	0.00
03/07/2024 05:40	6.3	96	11	8.3	0.00
03/07/2024 05:50	6.3	95	11	9.1	0.00
03/07/2024 06:00	7.0	94	11	9.6	0.00
03/07/2024 06:10	7.3	91	11	10.1	0.00
03/07/2024 06:20	7.3	92	12	10.3	0.00
03/07/2024 06:30	7.3	93	10	9.9	0.00
03/07/2024 06:40	6.8	93	11	9.2	0.00
03/07/2024 06:50	7.2	91	10	10.0	0.00
03/07/2024 07:00	7.3	93	12	10.3	0.00
03/07/2024 07:10	7.2	94	11	9.1	0.00
03/07/2024 07:20	7.4	93	10	10.1	0.00
03/07/2024 07:30	7.3	93	10	11.3	0.00
03/07/2024 07:40	6.6	94	11	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 07:50	7.0	97	11	9.5	0.00
03/07/2024 08:00	7.2	96	10	10.0	0.00
03/07/2024 08:10	7.5	98	13	9.9	0.00
03/07/2024 08:20	7.3	99	12	10.3	0.00
03/07/2024 08:30	7.2	98	11	9.5	0.00
03/07/2024 08:40	7.7	93	10	10.7	0.00
03/07/2024 08:50	7.2	99	12	10.2	0.00
03/07/2024 09:00	8.3	90	12	10.7	0.00
03/07/2024 09:10	8.8	90	9	11.1	0.00
03/07/2024 09:20	8.4	93	10	11.6	0.00
03/07/2024 09:30	8.9	94	10	11.4	0.00
03/07/2024 09:40	8.8	93	11	11.5	0.00
03/07/2024 09:50	8.5	93	13	11.1	0.00
03/07/2024 10:00	8.5	92	12	11.6	0.00
03/07/2024 10:10	8.1	94	12	10.8	0.00
03/07/2024 10:20	8.3	94	10	11.8	0.00
03/07/2024 10:30	8.1	93	11	10.7	0.00
03/07/2024 10:40	7.8	91	11	11.1	0.00
03/07/2024 10:50	8.2	94	12	10.7	0.00
03/07/2024 11:00	8.1	90	10	11.1	0.00
03/07/2024 11:10	7.6	89	12	10.9	0.00
03/07/2024 11:20	7.6	94	11	11.1	0.00
03/07/2024 11:30	7.7	95	11	9.9	0.00
03/07/2024 11:40	7.3	86	13	10.5	0.00
03/07/2024 11:50	7.3	82	12	9.3	0.00
03/07/2024 12:00	7.6	80	11	10.7	0.00
03/07/2024 12:10	7.5	81	13	11.2	0.00
03/07/2024 12:20	7.7	82	12	9.9	0.00
03/07/2024 12:30	7.1	83	12	9.2	0.00
03/07/2024 12:40	7.4	85	10	11.8	0.00
03/07/2024 12:50	7.2	86	12	9.9	0.00
03/07/2024 13:00	7.3	84	12	9.4	0.00
03/07/2024 13:10	7.1	78	11	10.1	0.00
03/07/2024 13:20	7.7	76	11	10.1	0.00
03/07/2024 13:30	7.0	80	11	10.1	0.00
03/07/2024 13:40	6.5	76	13	9.1	0.00
03/07/2024 13:50	6.7	78	12	9.4	0.00
03/07/2024 14:00	6.6	81	11	9.5	0.00
03/07/2024 14:10	6.9	71	11	9.6	0.00
03/07/2024 14:20	6.6	76	13	9.4	0.00
03/07/2024 14:30	7.2	75	11	9.8	0.00
03/07/2024 14:40	7.2	74	14	9.8	0.00
03/07/2024 14:50	7.5	73	12	9.9	0.00
03/07/2024 15:00	7.1	76	12	9.5	0.00
03/07/2024 15:10	7.4	71	10	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 15:20	6.6	71	11	8.9	0.00
03/07/2024 15:30	6.4	75	12	9.1	0.00
03/07/2024 15:40	5.8	78	12	7.9	0.00
03/07/2024 15:50	6.3	73	13	8.9	0.00
03/07/2024 16:00	5.5	71	10	7.6	0.00
03/07/2024 16:10	5.5	70	10	7.2	0.00
03/07/2024 16:20	5.2	70	12	7.0	0.00
03/07/2024 16:30	5.1	69	10	6.9	0.00
03/07/2024 16:40	4.7	70	10	6.9	0.00
03/07/2024 16:50	5.0	69	9	6.8	0.00
03/07/2024 17:00	4.8	66	10	6.5	0.00
03/07/2024 17:10	4.5	61	9	6.2	0.00
03/07/2024 17:20	4.3	65	11	5.6	0.00
03/07/2024 17:30	4.2	69	10	6.4	0.00
03/07/2024 17:40	4.2	68	10	5.5	0.00
03/07/2024 17:50	3.7	71	9	5.4	0.00
03/07/2024 18:00	3.7	73	10	5.2	0.00
03/07/2024 18:10	3.3	76	9	4.4	0.00
03/07/2024 18:20	3.2	78	11	4.3	0.00
03/07/2024 18:30	3.3	78	10	4.4	0.00
03/07/2024 18:40	2.4	77	9	3.2	0.00
03/07/2024 18:50	2.7	76	11	3.7	0.00
03/07/2024 19:00	2.3	81	9	3.4	0.00
03/07/2024 19:10	2.2	86	10	3.2	0.00
03/07/2024 19:20	1.8	98	13	2.8	0.00
03/07/2024 19:30	1.4	102	12	2.0	0.00
03/07/2024 19:40	1.9	98	11	2.8	0.00
03/07/2024 19:50	2.5	94	10	3.8	0.00
03/07/2024 20:00	2.5	83	12	3.7	0.00
03/07/2024 20:10	3.0	86	12	4.6	0.00
03/07/2024 20:20	3.0	86	11	4.8	0.00
03/07/2024 20:30	2.8	83	12	4.0	0.00
03/07/2024 20:40	3.0	79	13	4.2	0.00
03/07/2024 20:50	2.9	88	12	3.8	0.00
03/07/2024 21:00	3.8	90	12	5.4	0.00
03/07/2024 21:10	3.8	105	13	6.8	0.00
03/07/2024 21:20	5.0	111	17	7.6	0.00
03/07/2024 21:30	5.3	109	14	7.9	0.00
03/07/2024 21:40	5.7	111	12	8.4	0.00
03/07/2024 21:50	5.8	111	13	8.2	0.00
03/07/2024 22:00	5.7	111	14	8.0	0.00
03/07/2024 22:10	5.3	114	17	7.6	0.00
03/07/2024 22:20	5.2	113	13	7.5	0.00
03/07/2024 22:30	5.8	110	14	8.6	0.00
03/07/2024 22:40	4.5	105	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 22:50	3.8	98	14	6.1	0.00
03/07/2024 23:00	4.0	99	12	6.6	0.00
03/07/2024 23:10	4.0	103	13	6.4	0.00
03/07/2024 23:20	5.0	110	14	7.4	0.00
03/07/2024 23:30	3.9	104	13	5.6	0.00
03/07/2024 23:40	4.0	94	11	5.9	0.00
03/07/2024 23:50	4.2	96	12	6.2	0.00
04/07/2024 00:00	4.5	97	11	6.2	0.00
04/07/2024 00:10	4.5	95	12	6.8	0.00
04/07/2024 00:20	5.6	95	12	8.2	0.00
04/07/2024 00:30	6.6	96	11	9.4	0.00
04/07/2024 00:40	6.6	94	12	8.9	0.00
04/07/2024 00:50	6.4	92	11	9.8	0.00
04/07/2024 01:00	6.5	98	13	9.9	0.00
04/07/2024 01:10	7.7	94	12	11.0	0.00
04/07/2024 01:20	7.8	95	12	11.1	0.00
04/07/2024 01:30	8.8	95	11	12.6	0.00
04/07/2024 01:40	8.2	95	11	11.7	0.00
04/07/2024 01:50	7.8	95	12	11.6	0.00
04/07/2024 02:00	8.1	92	11	11.3	0.00
04/07/2024 02:10	8.1	92	11	11.1	0.00
04/07/2024 02:20	7.8	91	11	10.8	0.00
04/07/2024 02:30	8.1	93	10	11.1	0.00
04/07/2024 02:40	8.6	93	11	11.1	0.00
04/07/2024 02:50	8.4	92	13	11.7	0.00
04/07/2024 03:00	8.6	93	10	11.1	0.00
04/07/2024 03:10	8.1	94	11	11.1	0.00
04/07/2024 03:20	8.9	93	9	11.9	0.00
04/07/2024 03:30	9.3	94	12	12.6	0.00
04/07/2024 03:40	9.9	90	10	13.0	0.00
04/07/2024 03:50	10.5	92	9	14.0	0.00
04/07/2024 04:00	8.8	92	12	12.5	0.00
04/07/2024 04:10	8.7	92	11	11.5	0.00
04/07/2024 04:20	8.9	90	9	12.3	0.00
04/07/2024 04:30	8.9	92	11	11.3	0.00
04/07/2024 04:40	8.7	91	11	12.2	0.00
04/07/2024 04:50	9.6	94	10	12.8	0.00
04/07/2024 05:00	8.8	94	11	11.3	0.00
04/07/2024 05:10	8.9	92	12	11.6	0.00
04/07/2024 05:20	9.6	93	10	12.9	0.00
04/07/2024 05:30	9.2	96	12	14.3	0.00
04/07/2024 05:40	8.9	93	11	12.5	0.00
04/07/2024 05:50	9.0	93	13	12.2	0.00
04/07/2024 06:00	8.2	93	10	11.2	0.00
04/07/2024 06:10	8.7	97	12	12.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 06:20	8.9	95	11	12.4	0.00
04/07/2024 06:30	8.5	98	12	11.5	0.00
04/07/2024 06:40	8.7	96	13	12.0	0.00
04/07/2024 06:50	8.2	95	11	12.1	0.00
04/07/2024 07:00	8.1	91	10	11.0	0.00
04/07/2024 07:10	8.0	96	11	12.3	0.00
04/07/2024 07:20	9.1	96	12	13.5	0.00
04/07/2024 07:30	9.1	100	13	13.1	0.00
04/07/2024 07:40	9.2	96	10	12.7	0.00
04/07/2024 07:50	9.6	97	12	13.1	0.00
04/07/2024 08:00	9.2	98	10	12.7	0.00
04/07/2024 08:10	10.2	97	12	14.5	0.00
04/07/2024 08:20	9.5	99	12	12.2	0.00
04/07/2024 08:30	10.2	92	11	13.9	0.00
04/07/2024 08:40	10.1	92	13	13.8	0.00
04/07/2024 08:50	9.8	96	13	13.4	0.00
04/07/2024 09:00	9.8	93	12	12.9	0.00
04/07/2024 09:10	9.5	93	11	12.9	0.00
04/07/2024 09:20	8.6	96	13	12.3	0.00
04/07/2024 09:30	9.5	93	13	12.7	0.00
04/07/2024 09:40	9.3	95	13	12.4	0.00
04/07/2024 09:50	9.6	92	13	12.7	0.00
04/07/2024 10:00	9.3	92	10	12.3	0.00
04/07/2024 10:10	8.5	93	13	11.7	0.00
04/07/2024 10:20	8.6	95	11	11.9	0.00
04/07/2024 10:30	9.0	92	10	12.4	0.00
04/07/2024 10:40	8.6	96	13	12.3	0.00
04/07/2024 10:50	9.3	96	10	12.7	0.00
04/07/2024 11:00	8.7	90	12	11.9	0.00
04/07/2024 11:10	7.9	92	13	11.0	0.00
04/07/2024 11:20	8.8	93	12	12.0	0.00
04/07/2024 11:30	8.0	94	11	10.7	0.00
04/07/2024 11:40	7.5	91	15	10.5	0.00
04/07/2024 11:50	7.7	88	11	10.8	0.00
04/07/2024 12:00	8.2	93	11	11.5	0.00
04/07/2024 12:10	8.1	97	12	11.1	0.00
04/07/2024 12:20	7.5	90	14	11.0	0.00
04/07/2024 12:30	7.6	92	13	10.5	0.00
04/07/2024 12:40	7.2	91	12	10.2	0.00
04/07/2024 12:50	6.8	94	13	9.8	0.00
04/07/2024 13:00	7.2	95	12	9.7	0.00
04/07/2024 13:10	7.1	95	12	9.9	0.00
04/07/2024 13:20	6.7	94	12	9.5	0.00
04/07/2024 13:30	6.5	93	13	9.4	0.00
04/07/2024 13:40	6.2	94	14	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 13:50	5.8	88	12	8.5	0.00
04/07/2024 14:00	5.7	92	14	8.6	0.00
04/07/2024 14:10	6.1	94	11	8.7	0.00
04/07/2024 14:20	5.7	93	14	8.1	0.00
04/07/2024 14:30	5.2	87	18	7.6	0.00
04/07/2024 14:40	5.2	95	13	7.5	0.00
04/07/2024 14:50	5.3	93	14	7.0	0.00
04/07/2024 15:00	5.7	81	14	7.5	0.00
04/07/2024 15:10	5.3	77	11	7.5	0.00
04/07/2024 15:20	5.7	77	11	7.9	0.00
04/07/2024 15:30	5.5	78	12	7.3	0.00
04/07/2024 15:40	4.6	79	13	6.3	0.00
04/07/2024 15:50	5.4	72	11	7.3	0.00
04/07/2024 16:00	4.8	77	13	6.4	0.00
04/07/2024 16:10	5.1	76	10	7.1	0.00
04/07/2024 16:20	4.7	78	10	6.7	0.00
04/07/2024 16:30	4.6	76	11	6.4	0.00
04/07/2024 16:40	4.0	74	12	5.5	0.00
04/07/2024 16:50	4.6	72	12	6.5	0.00
04/07/2024 17:00	4.0	73	12	5.7	0.00
04/07/2024 17:10	3.6	70	11	5.1	0.00
04/07/2024 17:20	3.6	68	10	5.0	0.00
04/07/2024 17:30	3.1	64	9	4.7	0.00
04/07/2024 17:40	2.8	68	12	3.9	0.00
04/07/2024 17:50	3.0	67	9	4.5	0.00
04/07/2024 18:00	2.8	62	10	4.0	0.00
04/07/2024 18:10	2.5	59	10	4.0	0.00
04/07/2024 18:20	2.2	57	8	2.9	0.00
04/07/2024 18:30	2.2	57	9	3.4	0.00
04/07/2024 18:40	2.4	62	8	3.5	0.00
04/07/2024 18:50	2.1	61	7	2.8	0.00
04/07/2024 19:00	1.7	50	8	2.3	0.00
04/07/2024 19:10	0.9	50	5	1.8	0.00
04/07/2024 19:20	0.0	0	0	0.0	0.00
04/07/2024 19:30	1.2	63	5	2.3	0.00
04/07/2024 19:40	1.6	65	7	2.5	0.00
04/07/2024 19:50	1.3	74	11	1.9	0.00
04/07/2024 20:00	1.4	66	11	2.1	0.00
04/07/2024 20:10	0.9	86	16	2.3	0.00
04/07/2024 20:20	1.3	73	9	2.4	0.00
04/07/2024 20:30	2.2	78	10	3.2	0.00
04/07/2024 20:40	2.6	81	10	3.9	0.00
04/07/2024 20:50	2.4	75	10	3.6	0.00
04/07/2024 21:00	2.0	74	10	2.8	0.00
04/07/2024 21:10	2.5	74	12	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 21:20	2.8	81	12	3.6	0.00
04/07/2024 21:30	3.6	94	13	5.7	0.00
04/07/2024 21:40	3.7	93	12	4.8	0.00
04/07/2024 21:50	3.9	88	10	5.8	0.00
04/07/2024 22:00	3.8	89	11	5.2	0.00
04/07/2024 22:10	3.6	90	11	5.2	0.00
04/07/2024 22:20	3.6	87	13	5.3	0.00
04/07/2024 22:30	3.6	88	11	5.5	0.00
04/07/2024 22:40	3.9	88	11	5.8	0.00
04/07/2024 22:50	4.5	93	11	6.3	0.00
04/07/2024 23:00	4.6	92	11	6.6	0.00
04/07/2024 23:10	4.7	93	11	6.8	0.00
04/07/2024 23:20	5.1	95	10	7.3	0.00
04/07/2024 23:30	5.6	90	13	8.7	0.00
04/07/2024 23:40	4.7	92	12	6.8	0.00
04/07/2024 23:50	4.8	96	11	7.4	0.00
05/07/2024 00:00	4.8	92	13	6.9	0.00
05/07/2024 00:10	5.1	95	13	9.0	0.00
05/07/2024 00:20	4.2	98	15	6.7	0.00
05/07/2024 00:30	4.3	102	14	6.1	0.00
05/07/2024 00:40	4.6	95	14	7.2	0.00
05/07/2024 00:50	4.5	95	12	6.8	0.00
05/07/2024 01:00	4.0	101	12	6.0	0.00
05/07/2024 01:10	4.2	104	12	6.3	0.00
05/07/2024 01:20	4.0	101	16	6.4	0.00
05/07/2024 01:30	5.1	98	11	8.1	0.00
05/07/2024 01:40	5.7	94	11	7.9	0.00
05/07/2024 01:50	5.7	94	12	8.5	0.00
05/07/2024 02:00	6.5	92	12	9.2	0.00
05/07/2024 02:10	6.4	91	12	8.7	0.00
05/07/2024 02:20	7.2	92	12	10.3	0.00
05/07/2024 02:30	6.7	93	11	9.9	0.00
05/07/2024 02:40	6.6	92	14	9.5	0.00
05/07/2024 02:50	6.7	95	13	9.4	0.00
05/07/2024 03:00	7.7	95	11	11.3	0.00
05/07/2024 03:10	6.9	93	12	10.1	0.00
05/07/2024 03:20	6.9	94	12	9.7	0.00
05/07/2024 03:30	7.0	93	11	9.9	0.00
05/07/2024 03:40	6.9	90	13	9.3	0.00
05/07/2024 03:50	7.1	92	12	10.2	0.00
05/07/2024 04:00	6.6	93	11	9.0	0.00
05/07/2024 04:10	6.9	91	11	10.1	0.00
05/07/2024 04:20	7.3	93	13	10.1	0.00
05/07/2024 04:30	7.8	91	10	10.7	0.00
05/07/2024 04:40	6.9	94	11	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 04:50	7.8	95	11	11.3	0.00
05/07/2024 05:00	7.1	93	12	10.3	0.00
05/07/2024 05:10	7.5	92	11	10.7	0.00
05/07/2024 05:20	6.9	94	14	9.5	0.00
05/07/2024 05:30	7.0	92	14	10.0	0.00
05/07/2024 05:40	7.3	92	14	9.9	0.00
05/07/2024 05:50	7.4	91	11	10.6	0.00
05/07/2024 06:00	7.6	89	12	10.4	0.00
05/07/2024 06:10	6.7	88	12	10.9	0.00
05/07/2024 06:20	6.0	88	14	8.2	0.00
05/07/2024 06:30	5.8	91	10	8.1	0.00
05/07/2024 06:40	6.4	93	12	8.8	0.00
05/07/2024 06:50	6.0	91	12	9.5	0.00
05/07/2024 07:00	6.6	93	13	9.5	0.00
05/07/2024 07:10	6.1	94	12	9.0	0.00
05/07/2024 07:20	6.3	87	11	8.7	0.00
05/07/2024 07:30	6.1	93	14	8.7	0.00
05/07/2024 07:40	5.8	92	13	8.3	0.00
05/07/2024 07:50	6.7	93	12	9.1	0.00
05/07/2024 08:00	6.4	91	13	9.1	0.00
05/07/2024 08:10	6.4	86	13	9.5	0.00
05/07/2024 08:20	6.5	95	13	9.9	0.00
05/07/2024 08:30	6.7	89	14	9.5	0.00
05/07/2024 08:40	6.6	90	13	9.9	0.00
05/07/2024 08:50	7.0	94	13	10.5	0.00
05/07/2024 09:00	8.0	88	12	10.9	0.00
05/07/2024 09:10	6.7	88	13	10.3	0.00
05/07/2024 09:20	7.8	93	12	11.4	0.00
05/07/2024 09:30	8.4	86	12	11.9	0.00
05/07/2024 09:40	8.0	79	12	10.7	0.00
05/07/2024 09:50	7.7	80	13	11.1	0.00
05/07/2024 10:00	7.4	80	13	10.3	0.00
05/07/2024 10:10	7.8	74	11	11.5	0.00
05/07/2024 10:20	7.3	80	11	10.0	0.00
05/07/2024 10:30	6.9	81	12	10.7	0.00
05/07/2024 10:40	6.6	79	13	9.1	0.00
05/07/2024 10:50	7.1	84	15	10.2	0.00
05/07/2024 11:00	7.3	88	12	10.6	0.00
05/07/2024 11:10	7.1	87	13	9.5	0.00
05/07/2024 11:20	7.1	84	13	9.8	0.00
05/07/2024 11:30	7.4	79	11	10.2	0.00
05/07/2024 11:40	7.3	77	11	9.9	0.00
05/07/2024 11:50	7.1	79	14	9.9	0.00
05/07/2024 12:00	6.7	75	14	9.9	0.00
05/07/2024 12:10	7.1	79	13	10.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 12:20	6.6	89	15	9.8	0.00
05/07/2024 12:30	6.1	77	14	9.1	0.00
05/07/2024 12:40	6.1	75	13	8.7	0.00
05/07/2024 12:50	6.7	77	13	9.1	0.00
05/07/2024 13:00	6.4	69	12	9.1	0.00
05/07/2024 13:10	5.8	79	12	8.5	0.00
05/07/2024 13:20	6.2	71	12	9.2	0.00
05/07/2024 13:30	6.2	79	11	8.4	0.00
05/07/2024 13:40	5.3	64	13	8.1	0.00
05/07/2024 13:50	6.0	61	12	7.8	0.00
05/07/2024 14:00	5.5	62	14	7.8	0.00
05/07/2024 14:10	5.4	67	13	8.1	0.00
05/07/2024 14:20	5.8	60	11	7.9	0.00
05/07/2024 14:30	6.1	62	11	8.0	0.00
05/07/2024 14:40	6.0	67	12	8.4	0.00
05/07/2024 14:50	6.2	63	10	8.7	0.00
05/07/2024 15:00	5.9	61	10	7.9	0.00
05/07/2024 15:10	5.7	60	11	8.0	0.00
05/07/2024 15:20	5.1	65	13	7.2	0.00
05/07/2024 15:30	5.1	66	12	7.4	0.00
05/07/2024 15:40	5.5	59	12	8.0	0.00
05/07/2024 15:50	5.1	61	12	7.3	0.00
05/07/2024 16:00	4.7	64	12	6.6	0.00
05/07/2024 16:10	4.8	64	12	6.7	0.00
05/07/2024 16:20	4.5	68	12	6.4	0.00
05/07/2024 16:30	5.1	63	10	6.9	0.00
05/07/2024 16:40	4.5	67	11	6.1	0.00
05/07/2024 16:50	4.4	66	11	5.8	0.00
05/07/2024 17:00	4.2	61	12	5.4	0.00
05/07/2024 17:10	4.2	67	9	5.7	0.00
05/07/2024 17:20	4.1	64	9	5.5	0.00
05/07/2024 17:30	3.6	66	12	5.1	0.00
05/07/2024 17:40	3.3	64	10	4.8	0.00
05/07/2024 17:50	3.0	65	9	4.2	0.00
05/07/2024 18:00	2.9	59	11	4.2	0.00
05/07/2024 18:10	2.8	59	10	4.3	0.00
05/07/2024 18:20	2.7	64	9	3.4	0.00
05/07/2024 18:30	2.5	65	9	3.3	0.00
05/07/2024 18:40	2.7	66	9	3.8	0.00
05/07/2024 18:50	2.7	66	11	3.8	0.00
05/07/2024 19:00	2.8	67	12	3.8	0.00
05/07/2024 19:10	2.6	65	10	3.8	0.00
05/07/2024 19:20	2.3	65	8	3.5	0.00
05/07/2024 19:30	2.3	65	10	3.4	0.00
05/07/2024 19:40	2.4	69	9	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 19:50	2.3	67	12	3.0	0.00
05/07/2024 20:00	2.0	74	11	3.0	0.00
05/07/2024 20:10	2.5	80	10	3.7	0.00
05/07/2024 20:20	2.8	86	12	4.3	0.00
05/07/2024 20:30	2.6	85	12	3.6	0.00
05/07/2024 20:40	3.2	89	12	4.4	0.00
05/07/2024 20:50	2.8	88	12	4.3	0.00
05/07/2024 21:00	3.0	88	13	4.3	0.00
05/07/2024 21:10	3.5	91	11	5.0	0.00
05/07/2024 21:20	3.1	88	11	4.8	0.00
05/07/2024 21:30	3.7	94	13	5.4	0.00
05/07/2024 21:40	3.8	89	12	5.3	0.00
05/07/2024 21:50	3.5	85	13	5.8	0.00
05/07/2024 22:00	3.2	88	11	4.7	0.00
05/07/2024 22:10	3.5	92	13	4.7	0.00
05/07/2024 22:20	3.5	93	11	5.6	0.00
05/07/2024 22:30	3.2	89	13	4.4	0.00
05/07/2024 22:40	3.1	91	13	4.4	0.00
05/07/2024 22:50	3.8	94	12	5.2	0.00
05/07/2024 23:00	4.1	90	12	6.0	0.00
05/07/2024 23:10	3.7	88	12	5.2	0.00
05/07/2024 23:20	3.1	85	12	4.7	0.00
05/07/2024 23:30	3.3	86	13	5.1	0.00
05/07/2024 23:40	3.3	85	13	5.0	0.00
05/07/2024 23:50	3.2	87	12	4.7	0.00
06/07/2024 00:00	3.0	85	13	4.8	0.00
06/07/2024 00:10	3.0	89	12	4.6	0.00
06/07/2024 00:20	2.9	87	15	4.4	0.00
06/07/2024 00:30	2.7	103	18	4.3	0.00
06/07/2024 00:40	3.8	90	11	5.2	0.00
06/07/2024 00:50	3.2	83	12	4.6	0.00
06/07/2024 01:00	2.9	83	11	4.4	0.00
06/07/2024 01:10	2.3	81	15	3.6	0.00
06/07/2024 01:20	3.3	89	14	5.5	0.00
06/07/2024 01:30	3.2	86	13	5.2	0.00
06/07/2024 01:40	3.3	89	12	5.2	0.00
06/07/2024 01:50	2.3	79	10	3.6	0.00
06/07/2024 02:00	3.5	81	14	5.2	0.00
06/07/2024 02:10	3.8	81	13	5.6	0.00
06/07/2024 02:20	4.2	88	11	5.7	0.00
06/07/2024 02:30	3.7	89	12	5.6	0.00
06/07/2024 02:40	3.8	87	13	5.2	0.00
06/07/2024 02:50	3.4	91	13	5.0	0.00
06/07/2024 03:00	3.5	91	13	5.2	0.00
06/07/2024 03:10	3.9	87	11	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 03:20	3.8	88	12	6.2	0.00
06/07/2024 03:30	3.2	80	12	5.1	0.00
06/07/2024 03:40	3.9	80	11	5.8	0.00
06/07/2024 03:50	3.8	86	13	5.6	0.00
06/07/2024 04:00	3.5	85	12	5.4	0.00
06/07/2024 04:10	3.3	80	12	4.9	0.00
06/07/2024 04:20	3.7	79	11	5.7	0.00
06/07/2024 04:30	3.6	83	10	4.9	0.00
06/07/2024 04:40	4.0	77	10	5.6	0.00
06/07/2024 04:50	4.2	75	11	6.0	0.00
06/07/2024 05:00	4.5	75	11	5.8	0.00
06/07/2024 05:10	4.5	75	9	6.3	0.00
06/07/2024 05:20	4.7	73	10	6.4	0.00
06/07/2024 05:30	4.4	76	12	6.2	0.00
06/07/2024 05:40	4.4	77	11	6.1	0.00
06/07/2024 05:50	4.5	76	11	6.1	0.00
06/07/2024 06:00	4.4	78	12	6.4	0.00
06/07/2024 06:10	4.6	79	11	6.8	0.00
06/07/2024 06:20	4.6	76	12	6.5	0.00
06/07/2024 06:30	4.0	78	12	5.5	0.00
06/07/2024 06:40	4.2	95	10	5.8	0.00
06/07/2024 06:50	4.3	89	12	6.0	0.00
06/07/2024 07:00	3.9	92	11	5.7	0.00
06/07/2024 07:10	3.8	90	10	5.9	0.00
06/07/2024 07:20	4.3	92	10	6.2	0.00
06/07/2024 07:30	4.7	95	11	6.6	0.00
06/07/2024 07:40	4.8	90	11	6.4	0.00
06/07/2024 07:50	4.6	92	12	6.1	0.00
06/07/2024 08:00	4.2	91	12	5.6	0.00
06/07/2024 08:10	4.6	91	13	6.5	0.00
06/07/2024 08:20	4.5	97	11	6.4	0.00
06/07/2024 08:30	4.9	94	12	7.2	0.00
06/07/2024 08:40	4.8	94	12	6.8	0.00
06/07/2024 08:50	6.0	88	11	8.3	0.00
06/07/2024 09:00	5.5	90	12	7.9	0.00
06/07/2024 09:10	5.5	92	14	7.9	0.00
06/07/2024 09:20	6.6	77	12	8.7	0.00
06/07/2024 09:30	6.7	77	12	8.7	0.00
06/07/2024 09:40	6.1	81	12	8.8	0.00
06/07/2024 09:50	6.5	76	12	9.8	0.00
06/07/2024 10:00	6.1	76	13	8.3	0.00
06/07/2024 10:10	6.7	75	10	8.7	0.00
06/07/2024 10:20	6.2	79	13	8.3	0.00
06/07/2024 10:30	6.2	73	12	8.7	0.00
06/07/2024 10:40	6.4	83	13	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 10:50	6.4	72	12	8.5	0.00
06/07/2024 11:00	6.5	77	12	8.4	0.00
06/07/2024 11:10	6.9	74	11	9.1	0.00
06/07/2024 11:20	6.5	78	11	9.0	0.00
06/07/2024 11:30	6.3	74	14	8.7	0.00
06/07/2024 11:40	6.7	79	14	9.3	0.00
06/07/2024 11:50	6.7	83	12	9.1	0.00
06/07/2024 12:00	6.6	76	11	8.8	0.00
06/07/2024 12:10	6.4	71	11	8.6	0.00
06/07/2024 12:20	6.6	73	14	9.1	0.00
06/07/2024 12:30	6.5	72	12	8.6	0.00
06/07/2024 12:40	6.5	73	11	9.3	0.00
06/07/2024 12:50	6.0	74	14	8.7	0.00
06/07/2024 13:00	6.4	72	12	8.7	0.00
06/07/2024 13:10	5.8	79	13	8.0	0.00
06/07/2024 13:20	5.8	76	12	7.8	0.00
06/07/2024 13:30	5.7	81	15	7.9	0.00
06/07/2024 13:40	5.7	87	14	8.3	0.00
06/07/2024 13:50	5.4	73	12	7.6	0.00
06/07/2024 14:00	5.0	76	14	6.8	0.00
06/07/2024 14:10	5.3	72	11	6.7	0.00
06/07/2024 14:20	5.5	72	13	7.7	0.00
06/07/2024 14:30	5.2	84	14	7.2	0.00
06/07/2024 14:40	5.3	78	12	7.2	0.00
06/07/2024 14:50	5.1	82	14	7.1	0.00
06/07/2024 15:00	4.9	82	11	6.9	0.00
06/07/2024 15:10	4.5	84	14	6.2	0.00
06/07/2024 15:20	4.6	83	13	6.5	0.00
06/07/2024 15:30	4.2	76	11	6.1	0.00
06/07/2024 15:40	4.6	64	14	6.4	0.00
06/07/2024 15:50	4.8	63	11	6.1	0.00
06/07/2024 16:00	4.7	69	13	6.4	0.00
06/07/2024 16:10	4.4	70	10	6.0	0.00
06/07/2024 16:20	4.3	70	9	6.0	0.00
06/07/2024 16:30	3.9	65	11	5.6	0.00
06/07/2024 16:40	3.7	65	12	5.3	0.00
06/07/2024 16:50	3.9	64	11	5.1	0.00
06/07/2024 17:00	4.0	68	10	5.6	0.00
06/07/2024 17:10	4.0	70	10	5.4	0.00
06/07/2024 17:20	3.2	60	11	4.5	0.00
06/07/2024 17:30	3.0	58	10	4.0	0.00
06/07/2024 17:40	2.6	54	11	3.6	0.00
06/07/2024 17:50	2.3	56	11	3.5	0.00
06/07/2024 18:00	2.6	50	11	3.6	0.00
06/07/2024 18:10	2.6	48	10	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 18:20	2.1	53	10	3.0	0.00
06/07/2024 18:30	2.2	46	9	3.0	0.00
06/07/2024 18:40	2.0	46	8	2.8	0.00
06/07/2024 18:50	1.9	44	7	2.7	0.00
06/07/2024 19:00	2.0	41	8	2.5	0.00
06/07/2024 19:10	2.1	36	7	2.5	0.00
06/07/2024 19:20	1.4	35	5	2.5	0.00
06/07/2024 19:30	0.0	0	0	0.0	0.00
06/07/2024 19:40	0.0	0	0	0.0	0.00
06/07/2024 19:50	0.0	0	0	0.0	0.00
06/07/2024 20:00	0.0	0	0	0.0	0.00
06/07/2024 20:10	0.0	0	0	0.0	0.00
06/07/2024 20:20	0.0	9	0	0.2	0.00
06/07/2024 20:30	0.0	0	0	0.0	0.00
06/07/2024 20:40	0.0	0	0	0.0	0.00
06/07/2024 20:50	0.0	0	0	0.0	0.00
06/07/2024 21:00	0.0	0	0	0.0	0.00
06/07/2024 21:10	0.0	0	0	0.0	0.00
06/07/2024 21:20	0.0	0	0	0.0	0.00
06/07/2024 21:30	0.0	0	0	0.0	0.00
06/07/2024 21:40	0.0	0	0	0.0	0.00
06/07/2024 21:50	0.0	0	0	0.0	0.00
06/07/2024 22:00	0.0	0	0	0.0	0.00
06/07/2024 22:10	0.0	0	0	0.0	0.00
06/07/2024 22:20	0.0	0	0	0.0	0.00
06/07/2024 22:30	0.0	0	0	0.0	0.00
06/07/2024 22:40	0.0	0	0	0.0	0.00
06/07/2024 22:50	0.0	0	0	0.0	0.00
06/07/2024 23:00	0.0	0	0	0.0	0.00
06/07/2024 23:10	0.0	0	0	0.0	0.00
06/07/2024 23:20	0.0	0	0	0.0	0.00
06/07/2024 23:30	0.0	0	0	0.0	0.00
06/07/2024 23:40	0.0	0	0	0.0	0.00
06/07/2024 23:50	0.0	0	0	0.0	0.00
07/07/2024 00:00	0.0	0	0	0.0	0.00
07/07/2024 00:10	0.0	0	0	0.0	0.00
07/07/2024 00:20	0.0	0	0	0.0	0.00
07/07/2024 00:30	0.0	0	0	0.0	0.00
07/07/2024 00:40	0.0	0	0	0.0	0.00
07/07/2024 00:50	0.0	0	0	0.0	0.00
07/07/2024 01:00	0.0	0	0	0.0	0.00
07/07/2024 01:10	0.0	0	0	0.0	0.00
07/07/2024 01:20	0.0	0	0	0.0	0.00
07/07/2024 01:30	0.0	0	0	0.0	0.00
07/07/2024 01:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 01:50	0.0	0	0	0.0	0.00
07/07/2024 02:00	0.0	0	0	0.0	0.00
07/07/2024 02:10	0.0	0	0	0.0	0.00
07/07/2024 02:20	0.0	0	0	0.0	0.00
07/07/2024 02:30	0.0	0	0	0.0	0.00
07/07/2024 02:40	0.0	0	0	0.0	0.00
07/07/2024 02:50	0.0	0	0	0.0	0.00
07/07/2024 03:00	0.0	0	0	0.0	0.00
07/07/2024 03:10	0.0	0	0	0.0	0.00
07/07/2024 03:20	0.0	0	0	0.0	0.00
07/07/2024 03:30	0.0	0	0	0.0	0.00
07/07/2024 03:40	0.0	0	0	0.0	0.00
07/07/2024 03:50	0.0	0	0	0.0	0.00
07/07/2024 04:00	0.0	0	0	0.0	0.00
07/07/2024 04:10	0.0	0	0	0.0	0.00
07/07/2024 04:20	0.0	0	0	0.0	0.00
07/07/2024 04:30	0.0	0	0	0.0	0.00
07/07/2024 04:40	0.0	0	0	0.0	0.00
07/07/2024 04:50	0.0	0	0	0.0	0.00
07/07/2024 05:00	0.0	0	0	0.0	0.00
07/07/2024 05:10	0.0	0	0	0.0	0.00
07/07/2024 05:20	0.0	0	0	0.0	0.00
07/07/2024 05:30	0.0	0	0	0.0	0.00
07/07/2024 05:40	0.0	0	0	0.0	0.00
07/07/2024 05:50	0.0	0	0	0.0	0.00
07/07/2024 06:00	0.0	0	0	0.0	0.00
07/07/2024 06:10	0.0	0	0	0.0	0.00
07/07/2024 06:20	0.0	0	0	0.0	0.00
07/07/2024 06:30	0.0	0	0	0.0	0.00
07/07/2024 06:40	0.0	0	0	0.0	0.00
07/07/2024 06:50	0.0	0	0	0.0	0.00
07/07/2024 07:00	0.2	39	2	1.3	0.00
07/07/2024 07:10	1.9	71	11	2.8	0.00
07/07/2024 07:20	2.1	66	9	3.1	0.00
07/07/2024 07:30	1.6	71	11	2.4	0.00
07/07/2024 07:40	0.0	0	0	0.0	0.00
07/07/2024 07:50	0.1	44	3	0.9	0.00
07/07/2024 08:00	1.5	86	9	2.9	0.00
07/07/2024 08:10	2.5	84	11	3.6	0.00
07/07/2024 08:20	3.9	92	10	5.1	0.00
07/07/2024 08:30	3.8	91	10	5.1	0.00
07/07/2024 08:40	3.8	92	11	5.2	0.00
07/07/2024 08:50	4.3	94	10	5.8	0.00
07/07/2024 09:00	3.7	91	12	5.5	0.00
07/07/2024 09:10	3.9	91	12	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 09:20	3.6	89	13	5.2	0.00
07/07/2024 09:30	4.1	87	11	5.2	0.00
07/07/2024 09:40	4.1	89	10	5.4	0.00
07/07/2024 09:50	4.9	90	11	6.4	0.00
07/07/2024 10:00	4.9	88	10	6.6	0.00
07/07/2024 10:10	5.6	93	12	7.1	0.00
07/07/2024 10:20	5.3	81	10	6.7	0.00
07/07/2024 10:30	5.5	82	12	7.5	0.00
07/07/2024 10:40	5.1	90	14	7.1	0.00
07/07/2024 10:50	5.3	81	13	7.5	0.00
07/07/2024 11:00	5.3	82	12	7.0	0.00
07/07/2024 11:10	5.8	81	12	7.6	0.00
07/07/2024 11:20	5.0	85	13	6.8	0.00
07/07/2024 11:30	4.7	84	13	6.8	0.00
07/07/2024 11:40	5.4	84	13	7.9	0.00
07/07/2024 11:50	5.3	84	17	7.4	0.00
07/07/2024 12:00	5.2	86	15	7.3	0.00
07/07/2024 12:10	5.3	89	14	6.9	0.00
07/07/2024 12:20	5.1	80	16	6.8	0.00
07/07/2024 12:30	4.9	90	12	7.2	0.00
07/07/2024 12:40	4.4	89	15	6.3	0.00
07/07/2024 12:50	4.3	81	12	6.1	0.00
07/07/2024 13:00	4.2	86	14	5.9	0.00
07/07/2024 13:10	3.7	75	12	5.2	0.00
07/07/2024 13:20	3.7	77	12	5.0	0.00
07/07/2024 13:30	3.9	88	15	5.4	0.00
07/07/2024 13:40	3.8	90	10	5.0	0.00
07/07/2024 13:50	3.5	81	15	4.8	0.00
07/07/2024 14:00	3.2	89	15	4.4	0.00
07/07/2024 14:10	3.1	85	14	4.5	0.00
07/07/2024 14:20	3.0	79	13	4.1	0.00
07/07/2024 14:30	3.0	72	14	4.2	0.00
07/07/2024 14:40	2.7	76	13	3.7	0.00
07/07/2024 14:50	2.4	84	16	3.3	0.00
07/07/2024 15:00	2.3	88	19	3.6	0.00
07/07/2024 15:10	1.7	97	21	3.2	0.00
07/07/2024 15:20	1.9	112	20	3.1	0.00
07/07/2024 15:30	2.6	108	19	3.7	0.00
07/07/2024 15:40	1.9	107	17	3.1	0.00
07/07/2024 15:50	1.8	88	18	2.7	0.00
07/07/2024 16:00	1.3	98	15	2.7	0.00
07/07/2024 16:10	1.3	83	15	2.7	0.00
07/07/2024 16:20	1.5	66	16	2.4	0.00
07/07/2024 16:30	0.7	76	9	1.7	0.00
07/07/2024 16:40	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 16:50	0.2	151	2	1.1	0.00
07/07/2024 17:00	0.2	291	3	2.0	0.00
07/07/2024 17:10	0.4	130	7	1.0	0.00
07/07/2024 17:20	1.1	74	8	2.4	0.00
07/07/2024 17:30	1.4	49	12	2.1	0.00
07/07/2024 17:40	0.1	14	2	0.6	0.00
07/07/2024 17:50	0.0	0	0	0.0	0.00
07/07/2024 18:00	0.0	0	0	0.0	0.00
07/07/2024 18:10	0.0	0	0	0.0	0.00
07/07/2024 18:20	0.0	0	0	0.0	0.00
07/07/2024 18:30	0.0	0	0	0.0	0.00
07/07/2024 18:40	0.0	0	0	0.0	0.00
07/07/2024 18:50	0.0	0	0	0.0	0.00
07/07/2024 19:00	0.0	0	0	0.0	0.00
07/07/2024 19:10	0.0	0	0	0.0	0.00
07/07/2024 19:20	0.0	0	0	0.0	0.00
07/07/2024 19:30	0.0	0	0	0.0	0.00
07/07/2024 19:40	0.0	0	0	0.0	0.00
07/07/2024 19:50	0.0	0	0	0.0	0.00
07/07/2024 20:00	0.0	0	0	0.0	0.00
07/07/2024 20:10	0.0	0	0	0.0	0.00
07/07/2024 20:20	0.0	0	0	0.0	0.00
07/07/2024 20:30	0.0	0	0	0.0	0.00
07/07/2024 20:40	0.0	0	0	0.0	0.00
07/07/2024 20:50	0.0	0	0	0.0	0.00
07/07/2024 21:00	0.0	0	0	0.0	0.00
07/07/2024 21:10	0.0	0	0	0.0	0.00
07/07/2024 21:20	0.0	0	0	0.0	0.00
07/07/2024 21:30	0.0	0	0	0.0	0.00
07/07/2024 21:40	0.0	0	0	0.0	0.00
07/07/2024 21:50	0.0	0	0	0.0	0.00
07/07/2024 22:00	0.0	0	0	0.0	0.00
07/07/2024 22:10	0.0	0	0	0.0	0.00
07/07/2024 22:20	0.0	0	0	0.0	0.00
07/07/2024 22:30	0.0	0	0	0.0	0.00
07/07/2024 22:40	0.0	0	0	0.0	0.00
07/07/2024 22:50	0.0	0	0	0.0	0.00
07/07/2024 23:00	0.0	0	0	0.0	0.00
07/07/2024 23:10	0.0	0	0	0.0	0.00
07/07/2024 23:20	0.0	0	0	0.0	0.00
07/07/2024 23:30	0.0	0	0	0.0	0.00
07/07/2024 23:40	0.0	0	0	0.0	0.00
07/07/2024 23:50	0.0	0	0	0.0	0.00
08/07/2024 00:00	0.0	0	0	0.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 00:10	0.9	96	9	1.3	0.00
08/07/2023 00:20	0.8	107	12	1.0	0.00
08/07/2023 00:30	0.2	95	6	0.8	0.00
08/07/2023 00:40	1.0	117	25	2.1	0.00
08/07/2023 00:50	2.6	126	15	3.7	0.00
08/07/2023 01:00	2.5	106	12	3.5	0.00
08/07/2023 01:10	2.4	97	12	3.3	0.00
08/07/2023 01:20	2.9	93	11	4.0	0.00
08/07/2023 01:30	2.8	92	13	4.0	0.00
08/07/2023 01:40	2.9	94	13	4.1	0.00
08/07/2023 01:50	2.8	99	11	3.8	0.00
08/07/2023 02:00	2.6	98	13	3.6	0.00
08/07/2023 02:10	2.4	108	14	3.5	0.00
08/07/2023 02:20	2.4	116	11	3.8	0.00
08/07/2023 02:30	3.1	120	13	4.6	0.00
08/07/2023 02:40	2.9	121	14	4.0	0.00
08/07/2023 02:50	2.8	118	16	4.8	0.00
08/07/2023 03:00	2.6	122	15	3.8	0.00
08/07/2023 03:10	2.6	112	14	5.6	0.00
08/07/2023 03:20	3.3	108	14	5.2	0.00
08/07/2023 03:30	3.6	110	15	5.4	0.00
08/07/2023 03:40	4.2	115	16	5.9	0.00
08/07/2023 03:50	5.0	119	14	7.1	0.00
08/07/2023 04:00	4.8	116	15	7.2	0.00
08/07/2023 04:10	3.9	116	15	6.6	0.00
08/07/2023 04:20	4.2	121	15	6.9	0.00
08/07/2023 04:30	4.1	124	14	6.4	0.00
08/07/2023 04:40	3.9	128	16	5.8	0.00
08/07/2023 04:50	3.9	125	14	7.0	0.00
08/07/2023 05:00	3.5	125	17	5.6	0.00
08/07/2023 05:10	3.7	127	15	5.6	0.00
08/07/2023 05:20	3.9	130	16	6.3	0.00
08/07/2023 05:30	3.8	130	15	5.6	0.00
08/07/2023 05:40	3.6	131	15	5.9	0.00
08/07/2023 05:50	3.5	130	16	4.9	0.00
08/07/2023 06:00	3.7	129	16	5.2	0.00
08/07/2023 06:10	3.2	134	15	4.5	0.00
08/07/2023 06:20	3.0	136	16	4.0	0.00
08/07/2023 06:30	3.3	135	16	4.8	0.00
08/07/2023 06:40	3.2	130	17	4.5	0.00
08/07/2023 06:50	3.4	130	15	5.1	0.00
08/07/2023 07:00	3.8	131	16	5.9	0.00
08/07/2023 07:10	3.8	127	14	5.9	0.00
08/07/2023 07:20	3.4	121	15	6.4	0.00
08/07/2023 07:30	3.5	124	15	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 07:40	4.3	126	15	6.6	0.00
08/07/2023 07:50	3.7	122	13	5.5	0.00
08/07/2023 08:00	3.9	123	13	5.6	0.00
08/07/2023 08:10	4.0	124	15	5.6	0.00
08/07/2023 08:20	3.6	122	13	4.8	0.00
08/07/2023 08:30	3.7	121	12	5.6	0.00
08/07/2023 08:40	4.2	115	14	5.9	0.00
08/07/2023 08:50	4.5	118	13	6.6	0.00
08/07/2023 09:00	5.2	114	13	7.2	0.00
08/07/2023 09:10	5.1	122	13	7.6	0.00
08/07/2023 09:20	5.2	113	13	7.4	0.00
08/07/2023 09:30	5.6	117	14	8.5	0.00
08/07/2023 09:40	5.8	117	15	8.7	0.00
08/07/2023 09:50	5.6	115	14	8.4	0.00
08/07/2023 10:00	6.6	101	12	10.3	0.00
08/07/2023 10:10	5.6	105	12	7.9	0.00
08/07/2023 10:20	6.2	104	11	8.8	0.00
08/07/2023 10:30	6.3	104	13	9.2	0.00
08/07/2023 10:40	5.7	99	12	8.6	0.00
08/07/2023 10:50	6.6	98	11	9.3	0.00
08/07/2023 11:00	6.3	102	13	8.8	0.00
08/07/2023 11:10	5.9	100	11	8.7	0.00
08/07/2023 11:20	6.2	100	11	8.6	0.00
08/07/2023 11:30	6.2	99	13	9.6	0.00
08/07/2023 11:40	5.7	99	14	9.0	0.00
08/07/2023 11:50	6.4	99	14	8.7	0.00
08/07/2023 12:00	5.4	89	12	8.5	0.00
08/07/2023 12:10	6.2	91	12	8.7	0.00
08/07/2023 12:20	5.6	89	12	7.6	0.00
08/07/2023 12:30	5.9	85	14	8.8	0.00
08/07/2023 12:40	6.0	82	11	8.9	0.00
08/07/2023 12:50	6.6	87	13	8.6	0.00
08/07/2023 13:00	5.8	81	11	7.9	0.00
08/07/2023 13:10	6.6	81	11	8.7	0.00
08/07/2023 13:20	6.4	75	10	8.3	0.00
08/07/2023 13:30	6.8	76	13	9.9	0.00
08/07/2023 13:40	6.6	77	11	9.1	0.00
08/07/2023 13:50	6.4	77	10	8.8	0.00
08/07/2023 14:00	6.3	79	13	8.7	0.00
08/07/2023 14:10	6.5	78	11	8.7	0.00
08/07/2023 14:20	6.3	76	12	8.7	0.00
08/07/2023 14:30	5.9	77	12	7.9	0.00
08/07/2023 14:40	5.7	79	12	8.2	0.00
08/07/2023 14:50	5.8	80	11	7.9	0.00
08/07/2023 15:00	5.3	78	12	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 15:10	5.1	70	13	6.8	0.00
08/07/2023 15:20	5.2	73	12	7.0	0.00
08/07/2023 15:30	4.9	65	13	6.9	0.00
08/07/2023 15:40	4.8	62	14	6.4	0.00
08/07/2023 15:50	4.4	66	11	6.0	0.00
08/07/2023 16:00	4.5	68	12	6.1	0.00
08/07/2023 16:10	4.0	65	12	5.5	0.00
08/07/2023 16:20	4.2	75	15	5.9	0.00
08/07/2023 16:30	4.4	69	11	6.0	0.00
08/07/2023 16:40	3.6	70	12	5.3	0.00
08/07/2023 16:50	3.3	67	11	4.4	0.00
08/07/2023 17:00	3.2	61	12	4.5	0.00
08/07/2023 17:10	2.7	64	9	3.5	0.00
08/07/2023 17:20	2.3	63	11	3.0	0.00
08/07/2023 17:30	2.4	64	12	3.2	0.00
08/07/2023 17:40	1.6	78	10	2.4	0.00
08/07/2023 17:50	1.3	84	12	1.7	0.00
08/07/2023 18:00	1.6	72	8	2.0	0.00
08/07/2023 18:10	1.7	66	12	2.3	0.00
08/07/2023 18:20	1.0	70	10	1.6	0.00
08/07/2023 18:30	0.7	78	10	1.1	0.00
08/07/2023 18:40	0.5	134	21	0.9	0.00
08/07/2023 18:50	0.3	112	6	0.7	0.00
08/07/2023 19:00	0.2	298	2	1.1	0.00
08/07/2023 19:10	0.3	317	8	0.9	0.00
08/07/2023 19:20	0.4	37	20	0.8	0.00
08/07/2023 19:30	0.2	294	2	0.8	0.00
08/07/2023 19:40	0.7	4	28	1.1	0.00
08/07/2023 19:50	0.5	180	14	0.9	0.00
08/07/2023 20:00	0.5	359	24	0.8	0.00
08/07/2023 20:10	0.5	10	16	1.0	0.00
08/07/2023 20:20	0.4	165	4	0.9	0.00
08/07/2023 20:30	0.3	311	6	0.8	0.00
08/07/2023 20:40	0.7	298	4	1.1	0.00
08/07/2023 20:50	0.9	301	4	1.1	0.00
08/07/2023 21:00	0.5	287	4	1.1	0.00
08/07/2023 21:10	0.7	287	6	1.1	0.00
08/07/2023 21:20	0.9	307	6	1.1	0.00
08/07/2023 21:30	0.8	309	12	1.0	0.00
08/07/2023 21:40	0.9	322	10	1.2	0.00
08/07/2023 21:50	0.8	345	20	1.0	0.00
08/07/2023 22:00	0.9	352	20	1.1	0.00
08/07/2023 22:10	0.8	35	8	1.2	0.00
08/07/2023 22:20	0.7	288	28	0.9	0.00
08/07/2023 22:30	0.6	241	9	0.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 22:40	0.8	281	10	1.0	0.00
08/07/2023 22:50	1.1	295	9	1.4	0.00
08/07/2023 23:00	0.6	258	17	1.1	0.00
08/07/2023 23:10	0.6	161	31	0.9	0.00
08/07/2023 23:20	0.2	167	2	0.8	0.00
08/07/2023 23:30	0.7	277	8	1.0	0.00
08/07/2023 23:40	1.0	295	10	1.4	0.00
08/07/2023 23:50	0.4	297	6	1.0	0.00
09/07/2023 00:00	0.1	304	0	0.8	0.00
09/07/2023 00:10	0.2	315	8	0.8	0.00
09/07/2023 00:20	0.7	303	13	1.2	0.00
09/07/2023 00:30	0.7	312	17	1.2	0.00
09/07/2023 00:40	0.8	314	22	1.1	0.00
09/07/2023 00:50	0.6	169	28	0.9	0.00
09/07/2023 01:00	0.4	297	10	0.9	0.00
09/07/2023 01:10	0.9	306	10	1.4	0.00
09/07/2023 01:20	1.4	301	4	1.6	0.00
09/07/2023 01:30	1.3	301	5	1.6	0.00
09/07/2023 01:40	0.8	305	7	1.4	0.00
09/07/2023 01:50	0.6	167	33	1.2	0.00
09/07/2023 02:00	0.6	337	20	1.0	0.00
09/07/2023 02:10	1.1	35	6	1.6	0.00
09/07/2023 02:20	1.6	50	5	1.8	0.00
09/07/2023 02:30	1.7	58	5	2.0	0.00
09/07/2023 02:40	1.4	50	5	1.6	0.00
09/07/2023 02:50	1.3	51	6	1.5	0.00
09/07/2023 03:00	1.2	48	6	1.4	0.00
09/07/2023 03:10	0.8	49	12	1.2	0.00
09/07/2023 03:20	0.9	37	16	1.2	0.00
09/07/2023 03:30	1.0	42	15	1.4	0.00
09/07/2023 03:40	0.7	48	23	1.0	0.00
09/07/2023 03:50	0.1	51	26	0.8	0.00
09/07/2023 04:00	0.3	14	9	0.9	0.00
09/07/2023 04:10	0.3	68	18	0.8	0.00
09/07/2023 04:20	0.8	85	33	1.2	0.00
09/07/2023 04:30	1.3	92	23	2.1	0.00
09/07/2023 04:40	1.8	86	15	2.7	0.00
09/07/2023 04:50	1.7	88	18	2.5	0.00
09/07/2023 05:00	1.6	89	16	2.4	0.00
09/07/2023 05:10	2.0	89	18	3.1	0.00
09/07/2023 05:20	2.0	91	12	3.2	0.00
09/07/2023 05:30	2.2	96	13	3.2	0.00
09/07/2023 05:40	1.9	98	13	2.8	0.00
09/07/2023 05:50	2.2	92	14	3.2	0.00
09/07/2023 06:00	2.0	87	19	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 06:10	2.0	90	15	3.1	0.00
09/07/2023 06:20	2.0	90	13	2.7	0.00
09/07/2023 06:30	1.8	93	12	2.6	0.00
09/07/2023 06:40	1.2	98	11	1.6	0.00
09/07/2023 06:50	1.2	72	12	1.6	0.00
09/07/2023 07:00	1.4	86	13	2.0	0.00
09/07/2023 07:10	1.7	82	12	2.4	0.00
09/07/2023 07:20	1.9	87	12	2.7	0.00
09/07/2023 07:30	2.1	89	12	2.7	0.00
09/07/2023 07:40	2.5	95	14	4.0	0.00
09/07/2023 07:50	2.9	95	14	4.5	0.00
09/07/2023 08:00	3.3	92	15	4.6	0.00
09/07/2023 08:10	3.5	97	12	4.9	0.00
09/07/2023 08:20	3.8	97	11	5.3	0.00
09/07/2023 08:30	4.6	104	10	6.3	0.00
09/07/2023 08:40	4.7	101	11	6.6	0.00
09/07/2023 08:50	5.1	99	11	6.6	0.00
09/07/2023 09:00	4.8	102	10	6.6	0.00
09/07/2023 09:10	4.5	109	13	6.4	0.00
09/07/2023 09:20	4.5	110	12	6.2	0.00
09/07/2023 09:30	5.1	110	12	7.0	0.00
09/07/2023 09:40	5.6	102	12	7.7	0.00
09/07/2023 09:50	7.1	101	10	9.1	0.00
09/07/2023 10:00	6.5	105	11	8.7	0.00
09/07/2023 10:10	6.4	106	12	9.1	0.00
09/07/2023 10:20	6.6	103	10	9.1	0.00
09/07/2023 10:30	6.1	104	13	8.5	0.00
09/07/2023 10:40	6.1	102	12	8.7	0.00
09/07/2023 10:50	6.9	102	11	9.1	0.00
09/07/2023 11:00	6.3	106	12	8.3	0.00
09/07/2023 11:10	6.2	98	12	9.1	0.00
09/07/2023 11:20	6.4	95	13	8.4	0.00
09/07/2023 11:30	6.2	103	13	8.3	0.00
09/07/2023 11:40	5.7	94	13	8.0	0.00
09/07/2023 11:50	5.8	94	12	7.7	0.00
09/07/2023 12:00	5.8	97	13	8.3	0.00
09/07/2023 12:10	6.3	89	12	8.7	0.00
09/07/2023 12:20	6.7	87	10	9.2	0.00
09/07/2023 12:30	6.1	92	12	7.9	0.00
09/07/2023 12:40	6.0	89	12	8.3	0.00
09/07/2023 12:50	5.8	88	12	8.2	0.00
09/07/2023 13:00	6.3	89	13	9.2	0.00
09/07/2023 13:10	6.4	87	11	8.3	0.00
09/07/2023 13:20	5.9	87	13	8.2	0.00
09/07/2023 13:30	6.1	92	12	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 13:40	6.0	89	11	7.9	0.00
09/07/2023 13:50	6.2	88	12	8.4	0.00
09/07/2023 14:00	5.7	84	11	7.9	0.00
09/07/2023 14:10	5.9	83	11	7.9	0.00
09/07/2023 14:20	5.2	84	12	7.9	0.00
09/07/2023 14:30	5.7	83	12	7.8	0.00
09/07/2023 14:40	6.3	82	11	8.5	0.00
09/07/2023 14:50	6.2	80	10	8.3	0.00
09/07/2023 15:00	6.0	83	10	8.3	0.00
09/07/2023 15:10	5.8	80	11	7.9	0.00
09/07/2023 15:20	5.5	79	11	7.5	0.00
09/07/2023 15:30	5.1	74	11	7.1	0.00
09/07/2023 15:40	4.8	76	12	6.7	0.00
09/07/2023 15:50	5.3	78	10	7.1	0.00
09/07/2023 16:00	5.1	71	11	6.5	0.00
09/07/2023 16:10	5.0	71	12	7.0	0.00
09/07/2023 16:20	4.5	71	11	6.3	0.00
09/07/2023 16:30	4.5	72	12	6.2	0.00
09/07/2023 16:40	4.5	72	12	6.3	0.00
09/07/2023 16:50	3.8	65	13	5.2	0.00
09/07/2023 17:00	3.4	64	13	4.9	0.00
09/07/2023 17:10	3.3	66	11	4.9	0.00
09/07/2023 17:20	3.3	66	10	4.8	0.00
09/07/2023 17:30	2.8	72	9	3.6	0.00
09/07/2023 17:40	2.5	69	9	3.5	0.00
09/07/2023 17:50	2.5	74	10	3.4	0.00
09/07/2023 18:00	1.8	97	13	2.7	0.00
09/07/2023 18:10	1.9	103	8	2.3	0.00
09/07/2023 18:20	1.6	92	8	2.0	0.00
09/07/2023 18:30	1.6	81	7	2.3	0.00
09/07/2023 18:40	1.5	97	9	2.0	0.00
09/07/2023 18:50	1.7	107	7	2.2	0.00
09/07/2023 19:00	1.5	92	7	1.8	0.00
09/07/2023 19:10	1.7	90	6	2.0	0.00
09/07/2023 19:20	1.7	88	8	2.2	0.00
09/07/2023 19:30	1.7	81	9	2.2	0.00
09/07/2023 19:40	2.0	77	8	2.4	0.00
09/07/2023 19:50	2.0	85	9	2.6	0.00
09/07/2023 20:00	2.0	83	8	2.5	0.00
09/07/2023 20:10	2.0	67	7	2.6	0.00
09/07/2023 20:20	1.5	70	5	1.7	0.00
09/07/2023 20:30	1.3	101	10	1.7	0.00
09/07/2023 20:40	1.7	111	9	2.1	0.00
09/07/2023 20:50	1.4	84	9	1.7	0.00
09/07/2023 21:00	1.6	75	11	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 21:10	1.5	80	8	2.0	0.00
09/07/2023 21:20	1.2	65	8	1.6	0.00
09/07/2023 21:30	1.1	55	11	1.3	0.00
09/07/2023 21:40	1.1	50	6	1.4	0.00
09/07/2023 21:50	0.8	98	12	1.1	0.00
09/07/2023 22:00	0.3	127	16	0.8	0.00
09/07/2023 22:10	0.9	48	9	1.1	0.00
09/07/2023 22:20	0.7	194	34	1.0	0.00
09/07/2023 22:30	0.8	320	14	1.1	0.00
09/07/2023 22:40	0.1	177	10	0.6	0.00
09/07/2023 22:50	0.2	33	8	0.6	0.00
09/07/2023 23:00					0.00
09/07/2023 23:10	0.3	87	6	0.8	0.00
09/07/2023 23:20	1.3	113	12	1.9	0.00
09/07/2023 23:30	1.4	103	9	2.0	0.00
09/07/2023 23:40	1.4	81	14	2.0	0.00
09/07/2023 23:50	1.8	70	12	2.4	0.00
10/07/2023 00:00	1.8	83	10	2.4	0.00
10/07/2023 00:10	1.6	94	8	2.0	0.00
10/07/2023 00:20	1.6	95	9	2.0	0.00
10/07/2023 00:30	1.6	96	8	2.1	0.00
10/07/2023 00:40	1.7	97	10	2.1	0.00
10/07/2023 00:50	2.0	93	10	2.5	0.00
10/07/2023 01:00	2.1	103	9	2.6	0.00
10/07/2023 01:10	1.6	76	13	2.2	0.00
10/07/2023 01:20	1.4	63	12	2.0	0.00
10/07/2023 01:30	1.6	112	9	2.1	0.00
10/07/2023 01:40	1.5	108	8	2.0	0.00
10/07/2023 01:50	1.5	97	13	2.0	0.00
10/07/2023 02:00	1.7	102	9	2.4	0.00
10/07/2023 02:10	1.9	103	9	2.4	0.00
10/07/2023 02:20	2.0	90	12	2.5	0.00
10/07/2023 02:30	2.3	84	10	3.0	0.00
10/07/2023 02:40	2.6	84	10	3.6	0.00
10/07/2023 02:50	2.7	90	11	3.4	0.00
10/07/2023 03:00	2.4	93	10	3.4	0.00
10/07/2023 03:10	2.7	91	11	3.8	0.00
10/07/2023 03:20	2.9	89	11	4.0	0.00
10/07/2023 03:30	2.6	89	10	3.6	0.00
10/07/2023 03:40	2.6	90	9	3.4	0.00
10/07/2023 03:50	2.4	90	12	3.2	0.00
10/07/2023 04:00	2.9	93	10	4.1	0.00
10/07/2023 04:10	2.9	93	11	4.1	0.00
10/07/2023 04:20	2.8	94	10	3.9	0.00
10/07/2023 04:30	2.7	99	10	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 04:40	2.8	95	11	4.2	0.00
10/07/2023 04:50	3.8	97	10	5.1	0.00
10/07/2023 05:00	3.5	100	10	5.0	0.00
10/07/2023 05:10	3.5	102	11	4.7	0.00
10/07/2023 05:20	3.2	98	10	4.6	0.00
10/07/2023 05:30	3.4	100	11	4.8	0.00
10/07/2023 05:40	3.6	99	11	5.5	0.00
10/07/2023 05:50	4.1	99	12	5.4	0.00
10/07/2023 06:00	4.4	96	11	5.9	0.00
10/07/2023 06:10	4.2	98	11	5.5	0.00
10/07/2023 06:20	3.9	95	11	5.2	0.00
10/07/2023 06:30	3.5	96	12	5.2	0.00
10/07/2023 06:40	3.5	97	11	4.7	0.00
10/07/2023 06:50	3.6	98	10	4.9	0.00
10/07/2023 07:00	3.8	99	10	5.2	0.00
10/07/2023 07:10	3.6	100	10	4.7	0.00
10/07/2023 07:20	3.8	98	10	5.0	0.00
10/07/2023 07:30	4.2	100	11	5.5	0.00
10/07/2023 07:40	4.1	98	10	5.6	0.00
10/07/2023 07:50	4.6	101	10	6.0	0.00
10/07/2023 08:00	4.0	102	11	5.4	0.00
10/07/2023 08:10	3.5	103	10	5.0	0.00
10/07/2023 08:20	4.2	101	10	5.7	0.00
10/07/2023 08:30	4.2	101	10	5.8	0.00
10/07/2023 08:40	4.3	98	11	6.4	0.00
10/07/2023 08:50	4.4	98	10	6.2	0.00
10/07/2023 09:00	4.8	98	11	6.4	0.00
10/07/2023 09:10	5.2	99	9	6.8	0.00
10/07/2023 09:20	4.9	99	12	6.7	0.00
10/07/2023 09:30	4.7	101	12	6.2	0.00
10/07/2023 09:40	5.0	100	11	6.8	0.00
10/07/2023 09:50	4.5	97	12	6.6	0.00
10/07/2023 10:00	4.2	96	13	5.8	0.00
10/07/2023 10:10	5.0	90	11	6.5	0.00
10/07/2023 10:20	5.7	95	13	7.9	0.00
10/07/2023 10:30	6.1	90	11	8.5	0.00
10/07/2023 10:40	5.6	87	12	7.7	0.00
10/07/2023 10:50	6.5	86	9	8.7	0.00
10/07/2023 11:00	7.0	89	12	9.5	0.00
10/07/2023 11:10	7.0	87	11	9.1	0.00
10/07/2023 11:20	7.0	86	12	9.5	0.00
10/07/2023 11:30	6.7	86	13	9.9	0.00
10/07/2023 11:40	6.2	83	12	9.2	0.00
10/07/2023 11:50	7.3	77	11	9.5	0.00
10/07/2023 12:00	7.1	81	12	9.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 12:10	6.8	81	11	9.7	0.00
10/07/2023 12:20	6.7	84	13	9.0	0.00
10/07/2023 12:30	6.9	84	11	10.3	0.00
10/07/2023 12:40	7.1	86	11	9.5	0.00
10/07/2023 12:50	7.0	86	11	9.4	0.00
10/07/2023 13:00	6.9	85	11	9.4	0.00
10/07/2023 13:10	7.0	86	11	9.9	0.00
10/07/2023 13:20	7.0	87	12	9.7	0.00
10/07/2023 13:30	7.1	85	12	10.0	0.00
10/07/2023 13:40	6.7	86	11	9.2	0.00
10/07/2023 13:50	6.4	86	11	8.4	0.00
10/07/2023 14:00	6.1	82	11	8.8	0.00
10/07/2023 14:10	6.3	84	11	8.5	0.00
10/07/2023 14:20	6.6	84	11	8.8	0.00
10/07/2023 14:30	6.2	77	10	8.5	0.00
10/07/2023 14:40	6.7	78	12	9.0	0.00
10/07/2023 14:50	6.9	77	12	9.9	0.00
10/07/2023 15:00	6.0	71	13	9.3	0.00
10/07/2023 15:10	6.7	74	11	8.8	0.00
10/07/2023 15:20	5.2	67	12	6.8	0.00
10/07/2023 15:30	6.1	62	12	7.9	0.00
10/07/2023 15:40	6.6	66	12	8.7	0.00
10/07/2023 15:50	6.0	64	11	7.6	0.00
10/07/2023 16:00	6.2	66	11	8.4	0.00
10/07/2023 16:10	5.9	65	12	8.4	0.00
10/07/2023 16:20	5.9	65	11	8.7	0.00
10/07/2023 16:30	5.9	68	11	7.8	0.00
10/07/2023 16:40	5.4	65	9	7.1	0.00
10/07/2023 16:50	5.2	67	13	6.8	0.00
10/07/2023 17:00	5.0	64	13	6.8	0.00
10/07/2023 17:10	5.1	60	10	6.8	0.00
10/07/2023 17:20	4.2	57	12	6.1	0.00
10/07/2023 17:30	3.8	57	11	5.2	0.00
10/07/2023 17:40	3.7	53	12	5.3	0.00
10/07/2023 17:50	3.3	49	11	5.2	0.00
10/07/2023 18:00	2.7	46	12	3.9	0.00
10/07/2023 18:10	2.8	45	13	4.0	0.00
10/07/2023 18:20	2.4	50	13	3.4	0.00
10/07/2023 18:30	2.3	53	13	3.0	0.00
10/07/2023 18:40	2.3	54	13	3.2	0.00
10/07/2023 18:50	2.5	57	12	4.0	0.00
10/07/2023 19:00	2.5	56	11	3.4	0.00
10/07/2023 19:10	2.5	54	11	3.5	0.00
10/07/2023 19:20	2.7	57	12	3.9	0.00
10/07/2023 19:30	2.5	55	11	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 19:40	2.6	52	12	3.6	0.00
10/07/2023 19:50	2.3	56	12	3.2	0.00
10/07/2023 20:00	1.6	63	12	2.4	0.00
10/07/2023 20:10	1.0	84	17	1.5	0.00
10/07/2023 20:20	0.7	123	19	1.1	0.00
10/07/2023 20:30	1.0	182	35	1.5	0.00
10/07/2023 20:40	0.9	213	14	1.6	0.00
10/07/2023 20:50	0.4	227	4	1.1	0.00
10/07/2023 21:00	0.1	285	4	0.8	0.00
10/07/2023 21:10	0.1	323	3	0.8	0.00
10/07/2023 21:20	0.5	136	36	1.1	0.00
10/07/2023 21:30	0.2	219	5	0.8	0.00
10/07/2023 21:40	0.9	237	33	1.5	0.00
10/07/2023 21:50	1.0	199	83	1.6	0.00
10/07/2023 22:00	0.5	131	50	1.0	0.00
10/07/2023 22:10	0.2	204	18	0.9	0.00
10/07/2023 22:20	0.3	184	18	1.0	0.00
10/07/2023 22:30	0.4	292	8	1.6	0.00
10/07/2023 22:40	0.2	348	12	1.2	0.00
10/07/2023 22:50	0.5	289	9	1.1	0.00
10/07/2023 23:00	0.5	270	23	1.4	0.00
10/07/2023 23:10	0.7	308	23	1.5	0.00
10/07/2023 23:20					0.00
10/07/2023 23:30	0.5	160	26	1.4	0.00
10/07/2023 23:40	0.6	74	31	1.3	0.00
10/07/2023 23:50	0.3	122	45	1.1	0.00
11/07/2023 00:00	0.1	54	5	0.8	0.00
11/07/2023 00:10	0.5	209	43	1.2	0.00
11/07/2023 00:20	0.6	231	14	1.4	0.00
11/07/2023 00:30	0.6	309	17	1.9	0.00
11/07/2023 00:40	0.2	261	7	0.8	0.00
11/07/2023 00:50	0.5	253	21	1.4	0.00
11/07/2023 01:00					0.00
11/07/2023 01:10					0.00
11/07/2023 01:20	1.0	65	22	1.8	0.00
11/07/2023 01:30	0.0	20	0	0.4	0.00
11/07/2023 01:40					0.00
11/07/2023 01:50	0.1	215	5	1.4	0.00
11/07/2023 02:00	0.1	245	6	1.3	0.00
11/07/2023 02:10	0.9	64	9	2.0	0.00
11/07/2023 02:20	0.8	40	5	1.2	0.00
11/07/2023 02:30	1.0	101	6	2.6	0.00
11/07/2023 02:40	4.3	91	10	5.6	0.00
11/07/2023 02:50	3.4	96	13	4.9	0.00
11/07/2023 03:00	2.3	108	11	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 03:10	0.6	126	11	1.6	0.00
11/07/2023 03:20					0.00
11/07/2023 03:30					0.00
11/07/2023 03:40	0.0	247	3	0.4	0.00
11/07/2023 03:50	0.0	252	0	0.4	0.00
11/07/2023 04:00	0.0	73	0	0.4	0.00
11/07/2023 04:10					0.00
11/07/2023 04:20					0.00
11/07/2023 04:30					0.00
11/07/2023 04:40					0.00
11/07/2023 04:50	0.4	132	15	1.7	0.00
11/07/2023 05:00	1.7	134	22	3.2	0.00
11/07/2023 05:10	1.4	123	35	2.2	0.00
11/07/2023 05:20	1.0	91	15	1.5	0.00
11/07/2023 05:30	1.4	96	16	2.0	0.00
11/07/2023 05:40	1.6	115	11	2.1	0.00
11/07/2023 05:50	1.5	102	10	2.1	0.00
11/07/2023 06:00	0.2	97	9	1.0	0.00
11/07/2023 06:10	0.9	84	13	1.6	0.00
11/07/2023 06:20	1.9	95	9	2.6	0.00
11/07/2023 06:30	2.4	95	10	2.9	0.00
11/07/2023 06:40	2.4	91	10	3.2	0.00
11/07/2023 06:50	2.2	90	8	3.0	0.00
11/07/2023 07:00	2.0	95	10	2.5	0.00
11/07/2023 07:10	2.1	99	8	2.8	0.00
11/07/2023 07:20	2.3	96	8	3.0	0.00
11/07/2023 07:30	2.7	95	9	3.5	0.00
11/07/2023 07:40	2.6	91	9	3.2	0.00
11/07/2023 07:50	2.5	91	8	3.6	0.00
11/07/2023 08:00	2.7	87	8	3.4	0.00
11/07/2023 08:10	2.7	87	8	3.4	0.00
11/07/2023 08:20	2.6	87	10	3.3	0.00
11/07/2023 08:30	2.9	88	10	3.6	0.00
11/07/2023 08:40	2.9	88	13	3.9	0.00
11/07/2023 08:50	3.0	84	11	3.8	0.00
11/07/2023 09:00	2.8	84	12	3.6	0.00
11/07/2023 09:10	2.7	79	9	3.5	0.00
11/07/2023 09:20	2.9	93	13	4.2	0.00
11/07/2023 09:30	3.3	96	14	5.1	0.00
11/07/2023 09:40	4.1	96	11	5.3	0.00
11/07/2023 09:50	4.0	96	13	5.7	0.00
11/07/2023 10:00	4.2	96	12	5.8	0.00
11/07/2023 10:10	3.9	98	12	5.5	0.00
11/07/2023 10:20	4.0	112	13	5.3	0.00
11/07/2023 10:30	4.2	99	12	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 10:40	4.4	95	12	6.0	0.00
11/07/2023 10:50	4.4	101	12	6.4	0.00
11/07/2023 11:00	4.7	99	12	6.7	0.00
11/07/2023 11:10	4.6	97	11	6.2	0.00
11/07/2023 11:20	4.7	91	14	6.3	0.00
11/07/2023 11:30	4.9	88	12	7.1	0.00
11/07/2023 11:40	5.2	91	14	7.0	0.00
11/07/2023 11:50	5.7	87	10	8.0	0.00
11/07/2023 12:00	5.3	86	13	7.9	0.00
11/07/2023 12:10	5.5	87	13	7.8	0.00
11/07/2023 12:20	5.3	86	12	6.9	0.00
11/07/2023 12:30	5.7	86	12	7.7	0.00
11/07/2023 12:40	6.0	88	14	8.1	0.00
11/07/2023 12:50	5.6	91	13	7.8	0.00
11/07/2023 13:00	5.2	79	11	7.3	0.00
11/07/2023 13:10	5.5	78	12	7.1	0.00
11/07/2023 13:20	5.9	86	12	7.4	0.00
11/07/2023 13:30	5.7	78	13	8.5	0.00
11/07/2023 13:40	5.7	74	13	7.5	0.00
11/07/2023 13:50	5.6	69	12	7.8	0.00
11/07/2023 14:00	5.7	70	12	7.8	0.00
11/07/2023 14:10	5.4	60	12	7.3	0.00
11/07/2023 14:20	5.1	60	13	6.8	0.00
11/07/2023 14:30	5.3	63	11	7.2	0.00
11/07/2023 14:40	5.0	69	12	6.8	0.00
11/07/2023 14:50	4.4	60	12	5.8	0.00
11/07/2023 15:00	4.2	60	11	5.7	0.00
11/07/2023 15:10	4.4	63	12	6.1	0.00
11/07/2023 15:20	4.0	67	11	5.9	0.00
11/07/2023 15:30	3.9	64	12	5.3	0.00
11/07/2023 15:40	3.5	64	16	4.8	0.00
11/07/2023 15:50	3.5	63	14	5.2	0.00
11/07/2023 16:00	3.4	64	11	4.4	0.00
11/07/2023 16:10	3.0	63	14	4.4	0.00
11/07/2023 16:20	3.5	63	12	4.8	0.00
11/07/2023 16:30	3.2	58	12	4.3	0.00
11/07/2023 16:40	2.8	65	11	3.8	0.00
11/07/2023 16:50	2.0	45	15	3.0	0.00
11/07/2023 17:00	1.8	32	19	2.9	0.00
11/07/2023 17:10	1.7	318	23	2.8	0.00
11/07/2023 17:20	2.1	293	18	2.9	0.00
11/07/2023 17:30	2.4	307	15	3.2	0.00
11/07/2023 17:40	2.3	323	18	3.2	0.00
11/07/2023 17:50	2.3	334	15	3.2	0.00
11/07/2023 18:00	1.8	344	25	2.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 18:10	1.0	186	18	1.6	0.00
11/07/2023 18:20	1.0	185	16	1.5	0.00
11/07/2023 18:30	1.4	187	20	2.2	0.00
11/07/2023 18:40	1.0	304	38	1.5	0.00
11/07/2023 18:50	0.6	141	16	1.3	0.00
11/07/2023 19:00	0.5	25	37	1.2	0.00
11/07/2023 19:10	0.9	181	23	1.9	0.00
11/07/2023 19:20	0.7	318	64	1.7	0.00
11/07/2023 19:30	0.3	309	33	0.9	0.00
11/07/2023 19:40	0.5	294	33	1.3	0.00
11/07/2023 19:50	0.7	192	23	1.1	0.00
11/07/2023 20:00	0.3	207	5	0.9	0.00
11/07/2023 20:10	0.6	233	7	1.2	0.00
11/07/2023 20:20	1.4	241	9	1.9	0.00
11/07/2023 20:30	0.7	282	17	1.1	0.00
11/07/2023 20:40	0.6	287	8	1.0	0.00
11/07/2023 20:50	0.7	297	4	0.9	0.00
11/07/2023 21:00					0.00
11/07/2023 21:10					0.00
11/07/2023 21:20					0.00
11/07/2023 21:30					0.00
11/07/2023 21:40					0.00
11/07/2023 21:50					0.00
11/07/2023 22:00	0.8	248	7	1.6	0.00
11/07/2023 22:10	1.3	249	15	2.0	0.00
11/07/2023 22:20	1.3	258	10	1.6	0.00
11/07/2023 22:30	1.5	244	10	2.2	0.00
11/07/2023 22:40	1.7	239	11	2.1	0.00
11/07/2023 22:50	1.5	244	11	2.0	0.00
11/07/2023 23:00	1.3	250	9	1.6	0.00
11/07/2023 23:10	1.5	255	8	1.9	0.00
11/07/2023 23:20	1.2	263	13	1.6	0.00
11/07/2023 23:30	1.5	263	10	1.9	0.00
11/07/2023 23:40	1.4	260	10	1.9	0.00
11/07/2023 23:50	1.2	255	10	1.6	0.00
12/07/2023 00:00	1.4	252	9	1.8	0.00
12/07/2023 00:10	1.2	240	14	1.8	0.00
12/07/2023 00:20	1.4	245	23	2.2	0.00
12/07/2023 00:30	1.1	230	35	1.8	0.00
12/07/2023 00:40	0.7	162	20	1.4	0.00
12/07/2023 00:50	0.6	226	42	1.2	0.00
12/07/2023 01:00	0.6	304	36	1.4	0.00
12/07/2023 01:10	0.7	123	50	1.6	0.00
12/07/2023 01:20	0.5	199	43	1.2	0.00
12/07/2023 01:30	0.9	155	61	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 01:40	0.6	312	28	1.3	0.00
12/07/2023 01:50	0.9	242	63	2.5	0.00
12/07/2023 02:00	0.9	218	38	2.4	0.00
12/07/2023 02:10	0.7	289	61	1.6	0.00
12/07/2023 02:20	0.7	105	46	1.6	0.00
12/07/2023 02:30	1.1	238	40	1.6	0.00
12/07/2023 02:40	0.9	269	54	1.9	0.00
12/07/2023 02:50	0.8	325	44	1.2	0.00
12/07/2023 03:00	1.3	342	62	2.6	0.00
12/07/2023 03:10	0.6	99	56	1.2	0.00
12/07/2023 03:20	0.8	181	76	1.6	0.00
12/07/2023 03:30	1.0	129	67	1.8	0.00
12/07/2023 03:40	0.9	339	79	1.9	0.00
12/07/2023 03:50	1.0	63	52	1.7	0.00
12/07/2023 04:00	0.8	49	51	1.3	0.00
12/07/2023 04:10	0.8	165	40	1.6	0.00
12/07/2023 04:20	0.7	134	37	1.5	0.00
12/07/2023 04:30	0.6	152	55	1.6	0.00
12/07/2023 04:40	0.9	166	36	1.6	0.00
12/07/2023 04:50	0.5	259	14	1.1	0.00
12/07/2023 05:00	1.0	234	20	1.4	0.00
12/07/2023 05:10	0.6	246	18	1.0	0.00
12/07/2023 05:20	1.1	234	16	1.5	0.00
12/07/2023 05:30	1.3	226	20	2.0	0.00
12/07/2023 05:40	0.9	229	30	1.7	0.00
12/07/2023 05:50	0.9	220	53	1.5	0.00
12/07/2023 06:00	0.6	242	33	1.2	0.00
12/07/2023 06:10	0.5	213	33	0.9	0.00
12/07/2023 06:20	0.1	199	10	0.8	0.00
12/07/2023 06:30	0.5	90	17	1.0	0.00
12/07/2023 06:40	0.7	75	16	1.0	0.00
12/07/2023 06:50	0.7	94	11	1.2	0.00
12/07/2023 07:00	0.8	121	10	1.2	0.00
12/07/2023 07:10	0.0	136	5	0.5	0.00
12/07/2023 07:20					0.00
12/07/2023 07:30	1.0	87	14	1.4	0.00
12/07/2023 07:40	1.5	90	10	2.0	0.00
12/07/2023 07:50	2.0	103	11	2.7	0.00
12/07/2023 08:00	2.0	102	11	2.6	0.00
12/07/2023 08:10	1.7	95	14	2.3	0.00
12/07/2023 08:20	1.7	91	14	2.2	0.00
12/07/2023 08:30	2.0	93	13	2.7	0.00
12/07/2023 08:40	2.2	98	12	2.9	0.00
12/07/2023 08:50	2.2	99	16	3.2	0.00
12/07/2023 09:00	2.3	102	15	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 09:10	2.1	126	21	3.6	0.00
12/07/2023 09:20	2.6	122	21	3.9	0.00
12/07/2023 09:30	2.5	124	20	4.0	0.00
12/07/2023 09:40	3.4	122	17	4.5	0.00
12/07/2023 09:50	3.7	134	16	5.7	0.00
12/07/2023 10:00	3.1	129	18	4.4	0.00
12/07/2023 10:10	3.6	121	17	5.1	0.00
12/07/2023 10:20	3.4	130	18	4.5	0.00
12/07/2023 10:30	3.3	110	15	4.4	0.00
12/07/2023 10:40	3.8	114	15	5.9	0.00
12/07/2023 10:50	4.0	113	13	5.4	0.00
12/07/2023 11:00	3.7	116	16	5.6	0.00
12/07/2023 11:10	4.4	97	11	5.9	0.00
12/07/2023 11:20	4.1	103	12	5.5	0.00
12/07/2023 11:30	4.2	99	12	5.9	0.00
12/07/2023 11:40	4.4	99	13	6.3	0.00
12/07/2023 11:50	4.4	94	13	6.0	0.00
12/07/2023 12:00	3.7	104	17	5.5	0.00
12/07/2023 12:10	3.3	114	19	5.0	0.00
12/07/2023 12:20	3.4	110	21	4.8	0.00
12/07/2023 12:30	3.7	95	16	5.0	0.00
12/07/2023 12:40	3.4	84	17	4.8	0.00
12/07/2023 12:50	3.8	85	17	5.0	0.00
12/07/2023 13:00	4.3	89	13	5.9	0.00
12/07/2023 13:10	4.3	83	14	5.6	0.00
12/07/2023 13:20	4.9	83	11	6.4	0.00
12/07/2023 13:30	5.3	76	14	6.8	0.00
12/07/2023 13:40	5.1	71	11	6.8	0.00
12/07/2023 13:50	4.4	79	13	6.2	0.00
12/07/2023 14:00	4.5	78	16	6.3	0.00
12/07/2023 14:10	4.4	81	15	5.8	0.00
12/07/2023 14:20	4.5	71	12	5.8	0.00
12/07/2023 14:30	4.4	77	14	6.0	0.00
12/07/2023 14:40	4.6	78	13	6.7	0.00
12/07/2023 14:50	4.5	84	13	6.2	0.00
12/07/2023 15:00	4.3	85	14	6.1	0.00
12/07/2023 15:10	4.4	84	14	6.4	0.00
12/07/2023 15:20	4.1	83	14	5.9	0.00
12/07/2023 15:30	4.4	92	14	6.6	0.00
12/07/2023 15:40	4.7	82	13	6.8	0.00
12/07/2023 15:50	4.5	75	16	6.2	0.00
12/07/2023 16:00	5.2	74	10	7.4	0.00
12/07/2023 16:10	5.1	73	10	6.9	0.00
12/07/2023 16:20	4.9	76	12	6.9	0.00
12/07/2023 16:30	4.9	70	12	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 16:40	3.8	67	11	5.6	0.00
12/07/2023 16:50	4.2	67	11	6.5	0.00
12/07/2023 17:00	4.3	71	11	6.3	0.00
12/07/2023 17:10	4.4	73	11	6.4	0.00
12/07/2023 17:20	4.2	71	11	5.8	0.00
12/07/2023 17:30	4.4	73	10	6.0	0.00
12/07/2023 17:40	3.6	77	11	4.8	0.00
12/07/2023 17:50	3.6	80	10	5.2	0.00
12/07/2023 18:00	3.1	77	10	4.3	0.00
12/07/2023 18:10	2.5	78	15	3.7	0.00
12/07/2023 18:20	1.0	120	41	1.9	0.00
12/07/2023 18:30	0.6	204	35	1.2	0.00
12/07/2023 18:40	0.8	227	26	1.3	0.00
12/07/2023 18:50	0.6	174	19	1.2	0.00
12/07/2023 19:00	0.5	202	11	1.2	0.00
12/07/2023 19:10	1.0	266	16	1.3	0.00
12/07/2023 19:20	0.4	236	8	1.1	0.00
12/07/2023 19:30	0.2	289	3	0.8	0.00
12/07/2023 19:40	0.0	120	0	0.8	0.00
12/07/2023 19:50	0.3	197	9	0.9	0.00
12/07/2023 20:00	0.1	259	2	0.6	0.00
12/07/2023 20:10	0.1	217	3	0.8	0.00
12/07/2023 20:20	1.4	257	15	2.3	0.00
12/07/2023 20:30	1.5	187	37	2.1	0.00
12/07/2023 20:40	0.3	259	9	1.6	0.00
12/07/2023 20:50	1.4	233	16	1.8	0.00
12/07/2023 21:00	1.3	228	12	2.0	0.00
12/07/2023 21:10	0.8	258	13	1.3	0.00
12/07/2023 21:20	0.4	257	13	1.1	0.00
12/07/2023 21:30	0.3	239	8	0.9	0.00
12/07/2023 21:40	1.2	251	5	1.6	0.00
12/07/2023 21:50	0.9	236	9	1.3	0.00
12/07/2023 22:00	0.2	224	11	0.9	0.00
12/07/2023 22:10					0.00
12/07/2023 22:20					0.00
12/07/2023 22:30					0.00
12/07/2023 22:40					0.00
12/07/2023 22:50	0.3	303	1	0.9	0.00
12/07/2023 23:00	0.3	302	2	0.8	0.00
12/07/2023 23:10					0.00
12/07/2023 23:20					0.00
12/07/2023 23:30					0.00
12/07/2023 23:40					0.00
12/07/2023 23:50					0.00
13/07/2023 00:00	0.0	125	0	0.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 00:10					0.00
13/07/2023 00:20	0.2	305	1	1.1	0.00
13/07/2023 00:30	0.3	313	6	0.7	0.00
13/07/2023 00:40					0.00
13/07/2023 00:50	1.3	278	14	2.1	0.00
13/07/2023 01:00	1.5	230	21	2.6	0.00
13/07/2023 01:10					0.00
13/07/2023 01:20	0.5	296	3	1.0	0.00
13/07/2023 01:30	0.7	299	4	1.4	0.00
13/07/2023 01:40					0.00
13/07/2023 01:50					0.00
13/07/2023 02:00					0.00
13/07/2023 02:10					0.00
13/07/2023 02:20					0.00
13/07/2023 02:30					0.00
13/07/2023 02:40					0.00
13/07/2023 02:50					0.00
13/07/2023 03:00					0.00
13/07/2023 03:10					0.00
13/07/2023 03:20					0.00
13/07/2023 03:30					0.00
13/07/2023 03:40					0.00
13/07/2023 03:50					0.00
13/07/2023 04:00					0.00
13/07/2023 04:10					0.00
13/07/2023 04:20	0.0	67	1	1.1	0.00
13/07/2023 04:30	1.1	103	20	1.6	0.00
13/07/2023 04:40	0.3	196	46	1.0	0.00
13/07/2023 04:50	0.6	82	10	1.5	0.00
13/07/2023 05:00	0.9	82	15	1.6	0.00
13/07/2023 05:10	1.3	66	17	1.6	0.00
13/07/2023 05:20	1.5	86	14	2.0	0.00
13/07/2023 05:30	0.8	57	44	1.6	0.00
13/07/2023 05:40	0.7	59	21	1.4	0.00
13/07/2023 05:50	0.8	85	18	1.3	0.00
13/07/2023 06:00	0.6	76	11	1.2	0.00
13/07/2023 06:10	0.9	89	13	1.6	0.00
13/07/2023 06:20	0.8	90	23	1.6	0.00
13/07/2023 06:30	0.7	90	19	1.5	0.00
13/07/2023 06:40	0.8	90	14	1.2	0.00
13/07/2023 06:50	1.0	88	16	1.6	0.00
13/07/2023 07:00	0.9	102	23	1.6	0.00
13/07/2023 07:10	1.6	101	12	2.1	0.00
13/07/2023 07:20	2.0	98	10	2.6	0.00
13/07/2023 07:30	2.6	94	9	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 07:40	2.9	91	9	4.0	0.00
13/07/2023 07:50	2.6	94	10	3.3	0.00
13/07/2023 08:00	3.0	94	9	3.9	0.00
13/07/2023 08:10	3.0	94	8	3.7	0.00
13/07/2023 08:20	2.7	93	8	3.6	0.00
13/07/2023 08:30	3.0	94	12	4.4	0.00
13/07/2023 08:40	3.1	94	11	4.0	0.00
13/07/2023 08:50	3.1	93	11	4.4	0.00
13/07/2023 09:00	3.3	103	12	4.4	0.00
13/07/2023 09:10	3.3	100	10	4.2	0.00
13/07/2023 09:20	3.4	99	10	4.6	0.00
13/07/2023 09:30	3.0	97	12	4.1	0.00
13/07/2023 09:40	3.4	100	12	4.4	0.00
13/07/2023 09:50	3.6	101	10	5.1	0.00
13/07/2023 10:00	3.3	99	11	4.4	0.00
13/07/2023 10:10	3.3	105	15	4.3	0.00
13/07/2023 10:20	3.5	98	13	4.4	0.00
13/07/2023 10:30	3.5	103	12	4.5	0.00
13/07/2023 10:40	4.0	97	10	5.0	0.00
13/07/2023 10:50	3.8	104	13	5.2	0.00
13/07/2023 11:00	4.0	111	11	5.5	0.00
13/07/2023 11:10	3.9	103	11	5.3	0.00
13/07/2023 11:20	3.8	101	12	5.6	0.00
13/07/2023 11:30	4.1	102	13	6.0	0.00
13/07/2023 11:40	4.7	91	11	6.2	0.00
13/07/2023 11:50	5.2	87	13	7.2	0.00
13/07/2023 12:00	4.8	88	12	7.2	0.00
13/07/2023 12:10	5.4	78	13	7.2	0.00
13/07/2023 12:20	5.4	78	11	7.5	0.00
13/07/2023 12:30	5.2	78	12	7.0	0.00
13/07/2023 12:40	5.3	79	14	7.0	0.00
13/07/2023 12:50	5.9	81	12	8.4	0.00
13/07/2023 13:00	5.6	78	11	7.6	0.00
13/07/2023 13:10	5.0	79	11	6.9	0.00
13/07/2023 13:20	5.2	70	12	7.2	0.00
13/07/2023 13:30	5.5	77	13	7.3	0.00
13/07/2023 13:40	5.6	71	13	7.5	0.00
13/07/2023 13:50	5.9	70	11	8.2	0.00
13/07/2023 14:00	5.5	63	11	7.6	0.00
13/07/2023 14:10	5.7	67	11	7.9	0.00
13/07/2023 14:20	5.8	70	12	7.8	0.00
13/07/2023 14:30	5.5	73	12	7.7	0.00
13/07/2023 14:40	5.1	72	12	6.3	0.00
13/07/2023 14:50	4.9	63	10	7.0	0.00
13/07/2023 15:00	5.6	57	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 15:10	5.4	58	10	7.1	0.00
13/07/2023 15:20	4.9	62	12	6.4	0.00
13/07/2023 15:30	5.1	64	11	6.9	0.00
13/07/2023 15:40	5.2	62	11	6.6	0.00
13/07/2023 15:50	4.5	53	13	6.2	0.00
13/07/2023 16:00	4.7	51	11	6.2	0.00
13/07/2023 16:10	4.0	51	11	5.8	0.00
13/07/2023 16:20	3.7	56	11	5.3	0.00
13/07/2023 16:30	4.0	42	10	5.2	0.00
13/07/2023 16:40	3.4	41	12	4.7	0.00
13/07/2023 16:50	3.6	43	13	5.1	0.00
13/07/2023 17:00	4.0	43	12	5.2	0.00
13/07/2023 17:10	3.5	43	11	4.5	0.00
13/07/2023 17:20	3.6	41	12	5.2	0.00
13/07/2023 17:30	3.2	39	12	4.4	0.00
13/07/2023 17:40	2.6	10	17	4.2	0.00
13/07/2023 17:50	2.8	12	17	3.8	0.00
13/07/2023 18:00	2.4	28	16	3.5	0.00
13/07/2023 18:10	2.1	31	14	3.0	0.00
13/07/2023 18:20	2.6	53	10	3.3	0.00
13/07/2023 18:30	2.4	52	13	3.3	0.00
13/07/2023 18:40	2.0	54	12	2.8	0.00
13/07/2023 18:50	1.9	53	14	2.6	0.00
13/07/2023 19:00	1.0	73	40	1.6	0.00
13/07/2023 19:10	0.3	174	53	1.2	0.00
13/07/2023 19:20	1.2	50	33	2.6	0.00
13/07/2023 19:30	1.0	54	27	1.6	0.00
13/07/2023 19:40	0.7	132	32	1.2	0.00
13/07/2023 19:50	0.5	203	26	0.9	0.00
13/07/2023 20:00	0.1	229	5	0.5	0.00
13/07/2023 20:10	0.4	332	43	0.9	0.00
13/07/2023 20:20					0.00
13/07/2023 20:30	0.1	252	6	0.6	0.00
13/07/2023 20:40	0.6	214	18	0.9	0.00
13/07/2023 20:50	0.3	220	11	0.9	0.00
13/07/2023 21:00	0.2	204	12	0.7	0.00
13/07/2023 21:10					0.00
13/07/2023 21:20					0.00
13/07/2023 21:30	0.9	247	7	1.7	0.00
13/07/2023 21:40	0.5	143	25	1.6	0.00
13/07/2023 21:50	0.7	240	32	1.5	0.00
13/07/2023 22:00	1.3	228	17	2.0	0.00
13/07/2023 22:10	1.5	236	11	2.0	0.00
13/07/2023 22:20	1.1	245	9	1.4	0.00
13/07/2023 22:30	1.0	237	16	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 22:40	1.5	245	15	2.1	0.00
13/07/2023 22:50	1.3	237	20	2.0	0.00
13/07/2023 23:00	0.0	154	5	0.5	0.00
13/07/2023 23:10	1.1	236	13	1.6	0.00
13/07/2023 23:20	0.3	357	53	1.1	0.00
13/07/2023 23:30	0.5	178	12	1.2	0.00
13/07/2023 23:40	0.7	304	25	1.0	0.00
13/07/2023 23:50	0.5	286	9	0.9	0.00
14/07/2023 00:00	1.8	245	11	2.4	0.00
14/07/2023 00:10	2.1	251	10	2.8	0.00
14/07/2023 00:20	2.7	257	9	4.1	0.00
14/07/2023 00:30	2.0	258	11	2.4	0.00
14/07/2023 00:40	2.1	270	9	2.6	0.00
14/07/2023 00:50	2.5	263	9	3.6	0.00
14/07/2023 01:00	2.3	261	11	3.0	0.00
14/07/2023 01:10	2.2	257	13	2.8	0.00
14/07/2023 01:20	2.1	260	10	2.6	0.00
14/07/2023 01:30	1.4	254	14	2.0	0.00
14/07/2023 01:40	1.6	260	13	2.2	0.00
14/07/2023 01:50	1.5	270	11	2.1	0.00
14/07/2023 02:00	1.3	259	10	1.8	0.00
14/07/2023 02:10	1.5	266	10	2.0	0.00
14/07/2023 02:20	1.6	271	11	2.1	0.00
14/07/2023 02:30	1.4	243	14	1.9	0.00
14/07/2023 02:40	1.2	258	11	1.3	0.00
14/07/2023 02:50	0.7	268	9	1.2	0.00
14/07/2023 03:00	1.5	258	12	2.1	0.00
14/07/2023 03:10	2.2	251	9	2.8	0.00
14/07/2023 03:20	2.5	259	8	3.1	0.00
14/07/2023 03:30	2.1	257	11	2.8	0.00
14/07/2023 03:40	1.7	252	11	2.2	0.00
14/07/2023 03:50	1.9	261	10	2.4	0.00
14/07/2023 04:00	2.0	269	9	2.8	0.00
14/07/2023 04:10	1.3	267	10	1.8	0.00
14/07/2023 04:20	0.6	281	8	0.8	0.00
14/07/2023 04:30	0.9	289	17	1.2	0.00
14/07/2023 04:40	1.3	288	9	1.6	0.00
14/07/2023 04:50	1.0	268	7	1.4	0.00
14/07/2023 05:00	0.7	290	13	1.0	0.00
14/07/2023 05:10	1.2	300	3	1.5	0.00
14/07/2023 05:20	0.5	312	16	1.1	0.00
14/07/2023 05:30	0.4	164	13	0.8	0.00
14/07/2023 05:40	0.0	12	1	0.4	0.00
14/07/2023 05:50	0.6	323	16	1.0	0.00
14/07/2023 06:00	0.3	233	9	1.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 06:10					0.00
14/07/2023 06:20	0.2	319	7	0.8	0.00
14/07/2023 06:30	0.4	309	9	0.8	0.00
14/07/2023 06:40	0.0	314	0	0.4	0.00
14/07/2023 06:50	0.0	358	1	0.4	0.00
14/07/2023 07:00					0.00
14/07/2023 07:10	0.4	92	7	0.9	0.00
14/07/2023 07:20	0.4	92	7	1.0	0.00
14/07/2023 07:30	0.3	95	9	0.9	0.00
14/07/2023 07:40	1.1	87	17	1.7	0.00
14/07/2023 07:50	1.5	102	11	1.9	0.00
14/07/2023 08:00	1.4	106	12	2.0	0.00
14/07/2023 08:10	1.5	103	14	2.0	0.00
14/07/2023 08:20	1.8	91	11	2.2	0.00
14/07/2023 08:30	1.6	94	12	2.5	0.00
14/07/2023 08:40	2.0	102	9	2.5	0.00
14/07/2023 08:50	2.0	118	14	2.5	0.00
14/07/2023 09:00	2.1	125	14	2.8	0.00
14/07/2023 09:10	2.2	124	15	3.1	0.00
14/07/2023 09:20	2.1	120	18	3.2	0.00
14/07/2023 09:30	1.9	125	17	3.0	0.00
14/07/2023 09:40	2.1	126	18	3.0	0.00
14/07/2023 09:50	2.7	124	16	3.6	0.00
14/07/2023 10:00	2.5	122	18	3.5	0.00
14/07/2023 10:10	2.4	116	17	3.3	0.00
14/07/2023 10:20	2.5	105	17	3.3	0.00
14/07/2023 10:30	2.5	107	18	3.5	0.00
14/07/2023 10:40	2.2	125	20	3.3	0.00
14/07/2023 10:50	2.8	132	16	3.9	0.00
14/07/2023 11:00	2.5	131	18	3.5	0.00
14/07/2023 11:10	2.7	124	18	3.6	0.00
14/07/2023 11:20	2.5	124	21	3.7	0.00
14/07/2023 11:30	1.7	134	54	3.2	0.00
14/07/2023 11:40	1.7	137	36	3.0	0.00
14/07/2023 11:50	3.6	91	12	5.0	0.00
14/07/2023 12:00	3.1	95	12	4.1	0.00
14/07/2023 12:10	1.9	103	21	3.2	0.00
14/07/2023 12:20	2.1	96	29	3.3	0.00
14/07/2023 12:30	2.4	90	15	3.6	0.00
14/07/2023 12:40	2.0	105	22	2.8	0.00
14/07/2023 12:50	2.2	104	25	3.6	0.00
14/07/2023 13:00	2.0	85	27	3.0	0.00
14/07/2023 13:10	2.1	75	21	3.0	0.00
14/07/2023 13:20	1.2	87	54	2.7	0.00
14/07/2023 13:30	1.9	190	45	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 13:40	2.0	181	43	3.0	0.00
14/07/2023 13:50	1.7	318	39	2.7	0.00
14/07/2023 14:00	2.7	311	17	4.1	0.00
14/07/2023 14:10	2.5	342	21	3.3	0.00
14/07/2023 14:20	2.6	348	16	3.6	0.00
14/07/2023 14:30	2.8	334	17	4.0	0.00
14/07/2023 14:40	2.6	314	19	4.0	0.00
14/07/2023 14:50	2.5	321	19	3.8	0.00
14/07/2023 15:00	2.5	330	19	4.0	0.00
14/07/2023 15:10	3.2	308	16	4.7	0.00
14/07/2023 15:20	3.8	311	16	5.4	0.00
14/07/2023 15:30	3.6	314	16	5.6	0.00
14/07/2023 15:40	4.3	306	12	6.0	0.00
14/07/2023 15:50	3.9	305	14	5.3	0.00
14/07/2023 16:00	4.6	292	13	6.0	0.00
14/07/2023 16:10	4.6	282	14	6.1	0.00
14/07/2023 16:20	4.6	285	13	6.2	0.00
14/07/2023 16:30	4.3	275	17	5.6	0.00
14/07/2023 16:40	4.0	282	13	5.6	0.00
14/07/2023 16:50	3.9	280	15	5.1	0.00
14/07/2023 17:00	4.0	281	13	5.2	0.00
14/07/2023 17:10	3.9	288	15	5.3	0.00
14/07/2023 17:20	3.9	283	15	5.4	0.00
14/07/2023 17:30	3.6	280	14	5.4	0.00
14/07/2023 17:40	3.1	307	17	4.5	0.00
14/07/2023 17:50	3.1	312	16	4.8	0.00
14/07/2023 18:00	3.6	306	14	4.9	0.00
14/07/2023 18:10	4.0	298	10	5.2	0.00
14/07/2023 18:20	4.1	298	9	5.5	0.00
14/07/2023 18:30	3.3	309	15	4.7	0.00
14/07/2023 18:40	2.3	334	19	4.0	0.00
14/07/2023 18:50	2.4	335	17	3.5	0.00
14/07/2023 19:00	2.4	335	16	3.3	0.00
14/07/2023 19:10	2.2	328	15	3.4	0.00
14/07/2023 19:20	1.8	342	20	2.8	0.00
14/07/2023 19:30	3.3	301	12	4.4	0.00
14/07/2023 19:40	3.4	306	10	4.4	0.00
14/07/2023 19:50	3.2	309	11	4.2	0.00
14/07/2023 20:00	2.8	303	12	3.6	0.00
14/07/2023 20:10	2.3	309	14	3.3	0.00
14/07/2023 20:20	2.0	311	11	2.8	0.00
14/07/2023 20:30	1.8	306	14	2.4	0.00
14/07/2023 20:40	1.3	304	20	2.1	0.00
14/07/2023 20:50	0.8	305	27	1.6	0.00
14/07/2023 21:00	0.9	300	20	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 21:10	0.4	195	34	1.0	0.00
14/07/2023 21:20	1.1	306	51	1.6	0.00
14/07/2023 21:30	0.5	197	35	0.9	0.00
14/07/2023 21:40	0.1	229	12	0.8	0.00
14/07/2023 21:50	0.6	217	18	1.0	0.00
14/07/2023 22:00	0.7	235	11	1.2	0.00
14/07/2023 22:10	0.9	246	15	1.3	0.00
14/07/2023 22:20	1.0	263	10	1.2	0.00
14/07/2023 22:30	1.0	261	13	1.4	0.00
14/07/2023 22:40	0.3	258	7	0.9	0.00
14/07/2023 22:50	1.0	249	20	1.5	0.00
14/07/2023 23:00	1.7	228	19	2.5	0.00
14/07/2023 23:10	2.4	224	21	3.4	0.00
14/07/2023 23:20	2.3	220	23	3.2	0.00
14/07/2023 23:30	2.5	218	27	3.3	0.00
14/07/2023 23:40	2.0	216	43	3.2	0.00
14/07/2023 23:50	1.6	278	69	2.7	0.00
15/07/2023 00:00	1.5	182	91	2.2	0.00
15/07/2023 00:10	1.4	33	74	2.7	0.00
15/07/2023 00:20	1.4	342	83	2.2	0.00
15/07/2023 00:30	1.4	64	85	2.4	0.00
15/07/2023 00:40	1.3	98	77	2.8	0.00
15/07/2023 00:50	1.4	98	78	2.4	0.00
15/07/2023 01:00	1.3	121	81	2.7	0.00
15/07/2023 01:10	1.2	54	80	2.4	0.00
15/07/2023 01:20	1.3	120	79	2.2	0.00
15/07/2023 01:30	1.3	143	77	2.0	0.00
15/07/2023 01:40	1.3	133	57	2.4	0.00
15/07/2023 01:50	1.5	139	38	2.2	0.00
15/07/2023 02:00	1.4	130	30	2.4	0.00
15/07/2023 02:10	1.9	117	17	2.8	0.00
15/07/2023 02:20	2.3	116	14	3.2	0.00
15/07/2023 02:30	1.7	100	22	2.7	0.00
15/07/2023 02:40	1.8	104	16	3.1	0.00
15/07/2023 02:50	1.9	95	14	2.8	0.00
15/07/2023 03:00	2.5	89	11	3.5	0.00
15/07/2023 03:10	2.6	104	13	4.1	0.00
15/07/2023 03:20	2.6	100	11	4.0	0.00
15/07/2023 03:30	2.7	96	10	3.4	0.00
15/07/2023 03:40	3.0	96	9	4.4	0.00
15/07/2023 03:50	3.3	95	10	4.2	0.00
15/07/2023 04:00	3.1	95	10	4.0	0.00
15/07/2023 04:10	3.1	94	9	4.1	0.00
15/07/2023 04:20	3.0	94	10	4.0	0.00
15/07/2023 04:30	3.4	91	10	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 04:40	3.4	87	9	4.3	0.00
15/07/2023 04:50	4.6	87	9	5.8	0.00
15/07/2023 05:00	4.9	88	10	6.2	0.00
15/07/2023 05:10	5.1	90	11	6.7	0.00
15/07/2023 05:20	5.2	92	11	7.2	0.00
15/07/2023 05:30	4.6	93	10	6.0	0.00
15/07/2023 05:40	4.0	91	12	5.2	0.00
15/07/2023 05:50	4.1	93	9	5.2	0.00
15/07/2023 06:00	4.1	91	10	5.7	0.00
15/07/2023 06:10	4.2	94	11	5.6	0.00
15/07/2023 06:20	4.6	95	11	6.0	0.00
15/07/2023 06:30	4.7	97	12	6.8	0.00
15/07/2023 06:40	4.8	97	12	6.6	0.00
15/07/2023 06:50	4.6	96	11	6.4	0.00
15/07/2023 07:00	4.6	95	11	6.6	0.00
15/07/2023 07:10	4.7	97	10	6.4	0.00
15/07/2023 07:20	4.6	93	10	6.0	0.00
15/07/2023 07:30	4.9	93	10	6.7	0.00
15/07/2023 07:40	4.7	94	11	6.5	0.00
15/07/2023 07:50	5.4	94	12	7.9	0.00
15/07/2023 08:00	5.5	99	11	7.8	0.00
15/07/2023 08:10	5.5	95	12	7.5	0.00
15/07/2023 08:20	6.0	98	12	8.7	0.00
15/07/2023 08:30	6.9	100	12	10.1	0.00
15/07/2023 08:40	6.7	100	11	9.0	0.00
15/07/2023 08:50	6.6	101	11	9.0	0.00
15/07/2023 09:00	6.3	101	14	8.8	0.00
15/07/2023 09:10	6.9	101	13	9.4	0.00
15/07/2023 09:20	7.3	99	12	9.5	0.00
15/07/2023 09:30	7.0	99	11	10.3	0.00
15/07/2023 09:40	7.1	98	12	9.7	0.00
15/07/2023 09:50	6.6	101	12	9.2	0.00
15/07/2023 10:00	7.4	98	11	10.2	0.00
15/07/2023 10:10	7.4	101	11	10.1	0.00
15/07/2023 10:20	7.1	102	10	10.3	0.00
15/07/2023 10:30	7.8	101	12	10.7	0.00
15/07/2023 10:40	8.1	101	11	10.9	0.00
15/07/2023 10:50	8.5	102	11	11.4	0.00
15/07/2023 11:00	7.6	99	13	10.0	0.00
15/07/2023 11:10	8.0	101	11	10.3	0.00
15/07/2023 11:20	8.9	103	11	11.1	0.00
15/07/2023 11:30	7.8	109	11	9.9	0.00
15/07/2023 11:40	7.4	104	12	10.4	0.00
15/07/2023 11:50	7.9	100	11	10.1	0.00
15/07/2023 12:00	7.1	100	11	9.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 12:10	7.1	93	12	10.1	0.00
15/07/2023 12:20	7.0	91	12	9.4	0.00
15/07/2023 12:30	6.7	88	11	9.1	0.00
15/07/2023 12:40	7.4	81	12	9.9	0.00
15/07/2023 12:50	6.3	88	12	8.7	0.00
15/07/2023 13:00	6.5	86	13	8.9	0.00
15/07/2023 13:10	6.4	84	14	9.4	0.00
15/07/2023 13:20	6.7	79	11	9.2	0.00
15/07/2023 13:30	6.6	79	11	9.5	0.00
15/07/2023 13:40	7.1	77	11	9.5	0.00
15/07/2023 13:50	7.0	79	12	9.5	0.00
15/07/2023 14:00	6.9	83	11	8.5	0.00
15/07/2023 14:10	7.1	77	10	9.8	0.00
15/07/2023 14:20	5.9	75	13	8.3	0.00
15/07/2023 14:30	6.8	75	11	9.1	0.00
15/07/2023 14:40	6.2	77	14	8.7	0.00
15/07/2023 14:50	6.6	76	10	9.2	0.00
15/07/2023 15:00	7.4	76	9	9.9	0.00
15/07/2023 15:10	6.1	76	12	8.6	0.00
15/07/2023 15:20	5.9	77	12	8.3	0.00
15/07/2023 15:30	6.3	73	10	8.6	0.00
15/07/2023 15:40	5.4	71	12	6.9	0.00
15/07/2023 15:50	5.4	73	14	8.4	0.00
15/07/2023 16:00	5.7	75	12	7.8	0.00
15/07/2023 16:10	5.5	76	13	7.6	0.00
15/07/2023 16:20	5.4	74	12	7.9	0.00
15/07/2023 16:30	5.3	77	11	7.6	0.00
15/07/2023 16:40	5.3	75	11	7.2	0.00
15/07/2023 16:50	5.1	73	10	7.3	0.00
15/07/2023 17:00	4.7	73	11	6.3	0.00
15/07/2023 17:10	4.7	77	11	6.7	0.00
15/07/2023 17:20	4.9	76	9	6.6	0.00
15/07/2023 17:30	4.5	73	10	6.1	0.00
15/07/2023 17:40	4.3	74	11	5.6	0.00
15/07/2023 17:50	4.4	73	9	6.0	0.00
15/07/2023 18:00	4.2	72	8	5.6	0.00
15/07/2023 18:10	4.1	73	8	5.5	0.00
15/07/2023 18:20	3.9	74	10	5.2	0.00
15/07/2023 18:30	3.7	74	8	5.3	0.00
15/07/2023 18:40	3.4	67	9	4.4	0.00
15/07/2023 18:50	3.3	56	9	4.6	0.00
15/07/2023 19:00	3.3	56	11	4.2	0.00
15/07/2023 19:10	3.1	56	11	4.1	0.00
15/07/2023 19:20	2.4	61	12	3.2	0.00
15/07/2023 19:30	1.3	97	28	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 19:40	1.4	77	20	2.0	0.00
15/07/2023 19:50	2.1	56	8	2.7	0.00
15/07/2023 20:00	1.9	65	9	2.5	0.00
15/07/2023 20:10	1.8	64	8	2.2	0.00
15/07/2023 20:20	1.8	63	9	2.2	0.00
15/07/2023 20:30	1.4	74	14	2.1	0.00
15/07/2023 20:40	1.6	66	6	2.0	0.00
15/07/2023 20:50	1.3	73	7	1.6	0.00
15/07/2023 21:00	1.3	80	12	1.7	0.00
15/07/2023 21:10	2.3	63	7	3.1	0.00
15/07/2023 21:20	2.6	68	8	3.6	0.00
15/07/2023 21:30	3.0	76	9	3.8	0.00
15/07/2023 21:40	3.2	77	9	4.0	0.00
15/07/2023 21:50	3.9	78	9	4.9	0.00
15/07/2023 22:00	4.2	80	9	5.4	0.00
15/07/2023 22:10	3.7	85	10	4.8	0.00
15/07/2023 22:20	3.8	86	9	5.1	0.00
15/07/2023 22:30	4.4	85	11	5.6	0.00
15/07/2023 22:40	3.6	95	10	5.2	0.00
15/07/2023 22:50	3.6	93	9	4.7	0.00
15/07/2023 23:00	3.9	93	10	5.6	0.00
15/07/2023 23:10	4.4	96	10	6.1	0.00
15/07/2023 23:20	4.2	92	9	5.6	0.00
15/07/2023 23:30	4.4	93	12	7.0	0.00
15/07/2023 23:40	4.3	95	11	6.1	0.00
15/07/2023 23:50	5.2	100	11	7.3	0.00
16/07/2023 00:00	5.3	100	11	7.0	0.00
16/07/2023 00:10	4.8	101	11	6.6	0.00
16/07/2023 00:20	5.4	102	11	7.8	0.00
16/07/2023 00:30	5.6	98	11	7.5	0.00
16/07/2023 00:40	5.8	103	11	8.3	0.00
16/07/2023 00:50	6.1	98	9	8.6	0.00
16/07/2023 01:00	6.4	99	10	8.7	0.00
16/07/2023 01:10	6.4	98	11	8.7	0.00
16/07/2023 01:20	6.8	101	11	8.7	0.00
16/07/2023 01:30	5.7	102	12	8.4	0.00
16/07/2023 01:40	6.5	101	11	8.9	0.00
16/07/2023 01:50	5.8	101	11	7.6	0.00
16/07/2023 02:00	5.8	104	12	7.9	0.00
16/07/2023 02:10	5.2	103	10	6.9	0.00
16/07/2023 02:20	5.5	105	12	7.5	0.00
16/07/2023 02:30	5.6	103	12	7.9	0.00
16/07/2023 02:40	5.9	102	10	7.9	0.00
16/07/2023 02:50	5.2	110	11	8.2	0.00
16/07/2023 03:00	5.1	107	12	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 03:10	5.2	108	11	7.9	0.00
16/07/2023 03:20	4.9	106	12	7.4	0.00
16/07/2023 03:30	5.3	108	11	7.9	0.00
16/07/2023 03:40	5.4	107	11	7.3	0.00
16/07/2023 03:50	5.5	105	11	7.8	0.00
16/07/2023 04:00	5.2	110	11	7.5	0.00
16/07/2023 04:10	5.8	104	10	7.9	0.00
16/07/2023 04:20	6.5	102	9	8.7	0.00
16/07/2023 04:30	5.9	102	10	7.6	0.00
16/07/2023 04:40	6.7	99	11	9.1	0.00
16/07/2023 04:50	6.5	100	10	8.9	0.00
16/07/2023 05:00	5.7	107	10	7.2	0.00
16/07/2023 05:10	5.2	106	12	7.7	0.00
16/07/2023 05:20	5.6	109	11	7.2	0.00
16/07/2023 05:30	5.5	109	10	8.3	0.00
16/07/2023 05:40	5.4	109	11	7.3	0.00
16/07/2023 05:50	5.7	106	12	7.6	0.00
16/07/2023 06:00	5.4	105	10	7.6	0.00
16/07/2023 06:10	5.6	104	11	7.7	0.00
16/07/2023 06:20	6.3	101	10	8.3	0.00
16/07/2023 06:30	6.8	102	10	9.1	0.00
16/07/2023 06:40	7.3	101	9	9.2	0.00
16/07/2023 06:50	7.1	103	8	9.3	0.00
16/07/2023 07:00	6.8	101	10	9.3	0.00
16/07/2023 07:10	7.2	102	10	9.9	0.00
16/07/2023 07:20	6.8	103	11	8.9	0.00
16/07/2023 07:30	6.9	103	11	8.8	0.00
16/07/2023 07:40	7.2	102	9	9.2	0.00
16/07/2023 07:50	6.8	101	9	9.2	0.00
16/07/2023 08:00	6.6	104	11	8.7	0.00
16/07/2023 08:10	6.9	101	10	9.1	0.00
16/07/2023 08:20	6.9	104	11	9.1	0.00
16/07/2023 08:30	7.8	103	10	9.7	0.00
16/07/2023 08:40	7.5	103	10	10.3	0.00
16/07/2023 08:50	7.8	104	11	10.4	0.00
16/07/2023 09:00	8.0	103	10	10.4	0.00
16/07/2023 09:10	7.8	101	9	10.0	0.00
16/07/2023 09:20	7.5	99	10	9.5	0.00
16/07/2023 09:30	7.4	103	12	9.9	0.00
16/07/2023 09:40	7.6	103	12	9.9	0.00
16/07/2023 09:50	7.9	103	11	10.1	0.00
16/07/2023 10:00	7.4	103	11	10.2	0.00
16/07/2023 10:10	7.4	103	10	10.3	0.00
16/07/2023 10:20	7.2	103	13	9.5	0.00
16/07/2023 10:30	6.7	99	13	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 10:40	7.3	101	12	9.8	0.00
16/07/2023 10:50	7.0	104	12	9.7	0.00
16/07/2023 11:00	6.8	100	12	9.2	0.00
16/07/2023 11:10	6.8	98	11	9.7	0.00
16/07/2023 11:20	7.2	98	13	9.5	0.00
16/07/2023 11:30	6.6	94	11	8.5	0.00
16/07/2023 11:40	6.4	95	12	9.1	0.00
16/07/2023 11:50	6.0	93	12	8.3	0.00
16/07/2023 12:00	5.9	87	11	8.9	0.00
16/07/2023 12:10	6.2	79	10	8.2	0.00
16/07/2023 12:20	5.7	80	12	7.2	0.00
16/07/2023 12:30	5.3	85	13	7.2	0.00
16/07/2023 12:40	5.2	91	12	6.9	0.00
16/07/2023 12:50	4.9	90	10	6.7	0.00
16/07/2023 13:00	4.7	79	13	6.2	0.00
16/07/2023 13:10	5.1	78	12	6.9	0.00
16/07/2023 13:20	5.1	81	12	6.8	0.00
16/07/2023 13:30	4.8	87	11	6.8	0.00
16/07/2023 13:40	4.9	84	12	6.6	0.00
16/07/2023 13:50	4.8	86	10	6.4	0.00
16/07/2023 14:00	4.5	86	14	6.5	0.00
16/07/2023 14:10	4.7	80	12	6.0	0.00
16/07/2023 14:20	5.1	81	10	7.0	0.00
16/07/2023 14:30	4.7	80	14	6.3	0.00
16/07/2023 14:40	4.3	76	12	6.0	0.00
16/07/2023 14:50	4.3	74	12	6.0	0.00
16/07/2023 15:00	4.5	72	12	6.2	0.00
16/07/2023 15:10	4.0	67	13	5.4	0.00
16/07/2023 15:20	3.9	70	11	5.3	0.00
16/07/2023 15:30	3.6	60	12	4.8	0.00
16/07/2023 15:40	3.5	57	12	4.8	0.00
16/07/2023 15:50	3.7	58	11	4.7	0.00
16/07/2023 16:00	3.5	59	14	4.8	0.00
16/07/2023 16:10	3.1	68	12	4.4	0.00
16/07/2023 16:20	2.5	55	15	3.3	0.00
16/07/2023 16:30	2.9	80	14	4.2	0.00
16/07/2023 16:40	2.5	61	15	3.5	0.00
16/07/2023 16:50	2.0	59	13	2.8	0.00
16/07/2023 17:00	1.8	64	10	2.8	0.00
16/07/2023 17:10	2.1	65	14	2.8	0.00
16/07/2023 17:20	1.8	55	8	2.2	0.00
16/07/2023 17:30	1.5	59	6	1.8	0.00
16/07/2023 17:40	1.1	28	22	1.6	0.00
16/07/2023 17:50	1.0	296	10	1.5	0.00
16/07/2023 18:00					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 18:10	0.1	146	4	0.5	0.00
16/07/2023 18:20	0.8	282	14	1.1	0.00
16/07/2023 18:30	0.5	259	8	1.0	0.00
16/07/2023 18:40	1.0	286	16	1.4	0.00
16/07/2023 18:50	0.4	202	11	0.8	0.00
16/07/2023 19:00	1.0	248	8	1.2	0.00
16/07/2023 19:10	1.2	259	12	1.7	0.00
16/07/2023 19:20	0.9	239	29	1.2	0.00
16/07/2023 19:30	0.2	45	27	0.8	0.00
16/07/2023 19:40	0.2	165	5	0.9	0.00
16/07/2023 19:50	0.7	300	7	1.2	0.00
16/07/2023 20:00	0.5	160	6	1.0	0.00
16/07/2023 20:10	1.1	284	28	1.3	0.00
16/07/2023 20:20	0.5	46	28	1.2	0.00
16/07/2023 20:30	0.9	32	16	1.6	0.00
16/07/2023 20:40	0.7	288	9	1.0	0.00
16/07/2023 20:50	0.1	269	4	0.8	0.00
16/07/2023 21:00	0.2	278	5	1.0	0.00
16/07/2023 21:10	0.6	273	13	1.2	0.00
16/07/2023 21:20	1.8	242	10	2.8	0.00
16/07/2023 21:30	1.6	249	14	2.4	0.00
16/07/2023 21:40	1.2	263	14	1.7	0.00
16/07/2023 21:50	0.9	280	13	1.5	0.00
16/07/2023 22:00	2.3	246	11	2.8	0.00
16/07/2023 22:10	2.1	254	7	2.9	0.00
16/07/2023 22:20	1.9	258	6	2.4	0.00
16/07/2023 22:30	2.0	257	7	2.4	0.00
16/07/2023 22:40	1.5	264	9	2.0	0.00
16/07/2023 22:50	0.9	257	12	1.8	0.00
16/07/2023 23:00	0.4	273	8	1.5	0.00
16/07/2023 23:10	1.3	286	8	1.6	0.00
16/07/2023 23:20	1.5	274	11	2.0	0.00
16/07/2023 23:30	1.5	288	5	1.8	0.00
16/07/2023 23:40	1.5	282	7	2.0	0.00
16/07/2023 23:50	1.9	269	26	2.4	0.00
17/07/2023 00:00	1.3	264	32	2.2	0.00
17/07/2023 00:10	1.6	265	14	2.4	0.00
17/07/2023 00:20	1.5	265	19	2.1	0.00
17/07/2023 00:30	1.2	219	78	2.0	0.00
17/07/2023 00:40	1.7	153	48	2.9	0.00
17/07/2023 00:50	2.0	139	36	3.3	0.00
17/07/2023 01:00	1.8	139	34	3.1	0.00
17/07/2023 01:10	2.4	124	11	3.6	0.00
17/07/2023 01:20	2.4	119	7	3.4	0.00
17/07/2023 01:30	2.3	96	10	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 01:40	1.9	88	7	2.4	0.00
17/07/2023 01:50	1.9	87	10	2.6	0.00
17/07/2023 02:00	2.4	78	8	3.0	0.00
17/07/2023 02:10	2.4	75	7	3.2	0.00
17/07/2023 02:20	2.3	68	6	2.7	0.00
17/07/2023 02:30	2.0	87	7	2.5	0.00
17/07/2023 02:40	2.1	86	6	2.7	0.00
17/07/2023 02:50	1.8	100	9	2.2	0.00
17/07/2023 03:00	1.8	94	8	2.4	0.00
17/07/2023 03:10	2.0	87	7	2.6	0.00
17/07/2023 03:20	2.0	88	9	2.4	0.00
17/07/2023 03:30	1.8	96	8	2.4	0.00
17/07/2023 03:40	2.0	90	8	2.5	0.00
17/07/2023 03:50	2.5	80	8	3.0	0.00
17/07/2023 04:00	2.1	82	7	2.7	0.00
17/07/2023 04:10	1.8	84	6	2.1	0.00
17/07/2023 04:20	2.0	86	6	2.4	0.00
17/07/2023 04:30	1.7	90	8	2.0	0.00
17/07/2023 04:40	1.7	94	8	2.3	0.00
17/07/2023 04:50	1.8	94	8	2.2	0.00
17/07/2023 05:00	1.7	90	8	2.3	0.00
17/07/2023 05:10	1.6	88	8	2.0	0.00
17/07/2023 05:20	1.8	91	9	2.5	0.00
17/07/2023 05:30	1.8	96	10	2.4	0.00
17/07/2023 05:40	1.8	92	9	2.4	0.00
17/07/2023 05:50	1.8	92	10	2.4	0.00
17/07/2023 06:00	1.6	83	11	2.0	0.00
17/07/2023 06:10	1.5	79	9	2.0	0.00
17/07/2023 06:20	1.6	87	10	2.0	0.00
17/07/2023 06:30	1.6	94	7	2.0	0.00
17/07/2023 06:40	1.5	98	7	1.9	0.00
17/07/2023 06:50	1.5	90	8	2.0	0.00
17/07/2023 07:00	1.8	93	9	2.4	0.00
17/07/2023 07:10	2.1	81	11	2.8	0.00
17/07/2023 07:20	1.9	78	11	2.5	0.00
17/07/2023 07:30	1.8	81	10	2.3	0.00
17/07/2023 07:40	1.5	88	9	2.0	0.00
17/07/2023 07:50	1.5	90	8	1.9	0.00
17/07/2023 08:00	1.8	96	10	2.5	0.00
17/07/2023 08:10	2.1	92	10	2.7	0.00
17/07/2023 08:20	2.2	89	11	2.8	0.00
17/07/2023 08:30	2.4	89	11	3.2	0.00
17/07/2023 08:40	2.6	87	12	3.6	0.00
17/07/2023 08:50	2.8	91	11	4.0	0.00
17/07/2023 09:00	2.8	94	15	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 09:10	2.9	88	12	3.6	0.00
17/07/2023 09:20	3.0	95	15	4.2	0.00
17/07/2023 09:30	2.9	84	10	4.0	0.00
17/07/2023 09:40	3.0	98	16	4.4	0.00
17/07/2023 09:50	3.2	109	14	4.8	0.00
17/07/2023 10:00	2.8	94	14	3.8	0.00
17/07/2023 10:10	2.9	105	16	4.0	0.00
17/07/2023 10:20	3.0	104	13	4.4	0.00
17/07/2023 10:30	3.2	93	13	4.2	0.00
17/07/2023 10:40	2.7	112	17	3.9	0.00
17/07/2023 10:50	3.0	118	15	4.3	0.00
17/07/2023 11:00	3.1	111	16	4.4	0.00
17/07/2023 11:10	3.1	107	14	4.2	0.00
17/07/2023 11:20	3.3	101	14	4.8	0.00
17/07/2023 11:30	3.3	96	15	5.0	0.00
17/07/2023 11:40	3.8	99	14	5.2	0.00
17/07/2023 11:50	3.3	97	14	4.7	0.00
17/07/2023 12:00	3.6	87	12	5.0	0.00
17/07/2023 12:10	3.2	92	14	4.9	0.00
17/07/2023 12:20	3.7	71	12	4.9	0.00
17/07/2023 12:30	3.6	82	14	5.1	0.00
17/07/2023 12:40	3.5	72	15	5.0	0.00
17/07/2023 12:50	3.2	73	15	4.4	0.00
17/07/2023 13:00	3.1	74	14	4.3	0.00
17/07/2023 13:10	3.0	77	17	4.4	0.00
17/07/2023 13:20	2.6	78	26	4.2	0.00
17/07/2023 13:30	2.7	82	15	4.3	0.00
17/07/2023 13:40	2.6	91	20	4.4	0.00
17/07/2023 13:50	2.8	85	17	4.5	0.00
17/07/2023 14:00	2.3	92	22	3.6	0.00
17/07/2023 14:10	2.3	84	24	4.1	0.00
17/07/2023 14:20	2.0	77	35	4.2	0.00
17/07/2023 14:30	2.3	87	31	3.6	0.00
17/07/2023 14:40	2.4	82	28	3.9	0.00
17/07/2023 14:50	2.4	96	18	3.6	0.00
17/07/2023 15:00	2.0	85	25	3.4	0.00
17/07/2023 15:10	1.6	78	31	2.7	0.00
17/07/2023 15:20	2.9	285	38	4.2	0.00
17/07/2023 15:30	3.4	293	12	4.4	0.00
17/07/2023 15:40	3.0	295	10	3.9	0.00
17/07/2023 15:50	3.2	296	13	4.5	0.00
17/07/2023 16:00	2.8	305	14	3.9	0.00
17/07/2023 16:10	2.3	154	22	3.3	0.00
17/07/2023 16:20	2.2	343	16	3.2	0.00
17/07/2023 16:30	2.1	179	19	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 16:40	3.1	296	13	4.6	0.00
17/07/2023 16:50	2.5	304	18	4.0	0.00
17/07/2023 17:00	2.4	309	19	3.9	0.00
17/07/2023 17:10	3.1	292	13	4.4	0.00
17/07/2023 17:20	2.7	273	16	3.7	0.00
17/07/2023 17:30	2.7	275	14	3.8	0.00
17/07/2023 17:40	2.9	263	13	3.8	0.00
17/07/2023 17:50	3.2	263	9	4.4	0.00
17/07/2023 18:00	3.2	259	10	4.1	0.00
17/07/2023 18:10	3.4	252	10	4.5	0.00
17/07/2023 18:20	3.4	251	11	4.7	0.00
17/07/2023 18:30	3.7	260	8	4.4	0.00
17/07/2023 18:40	4.1	262	11	5.1	0.00
17/07/2023 18:50	4.0	259	9	5.0	0.00
17/07/2023 19:00	3.7	257	9	4.8	0.00
17/07/2023 19:10	3.4	257	11	4.3	0.00
17/07/2023 19:20	3.4	256	9	4.8	0.00
17/07/2023 19:30	3.1	260	9	4.0	0.00
17/07/2023 19:40	3.3	259	9	4.3	0.00
17/07/2023 19:50	2.8	257	9	3.7	0.00
17/07/2023 20:00	2.8	259	10	3.7	0.00
17/07/2023 20:10	3.0	262	8	3.9	0.00
17/07/2023 20:20	2.6	255	12	3.7	0.00
17/07/2023 20:30	2.0	247	11	2.8	0.00
17/07/2023 20:40	2.4	260	9	3.0	0.00
17/07/2023 20:50	2.2	256	8	3.2	0.00
17/07/2023 21:00	1.7	243	10	2.4	0.00
17/07/2023 21:10	1.6	249	8	2.7	0.00
17/07/2023 21:20	2.0	244	9	3.0	0.00
17/07/2023 21:30	1.5	250	8	2.5	0.00
17/07/2023 21:40	1.7	252	8	2.4	0.00
17/07/2023 21:50	1.6	253	8	2.3	0.00
17/07/2023 22:00	1.9	252	8	2.4	0.00
17/07/2023 22:10	1.6	245	8	2.0	0.00
17/07/2023 22:20	1.5	251	9	2.1	0.00
17/07/2023 22:30	0.4	252	7	1.2	0.00
17/07/2023 22:40					0.00
17/07/2023 22:50	0.7	262	5	1.3	0.00
17/07/2023 23:00					0.00
17/07/2023 23:10	0.8	290	4	1.4	0.00
17/07/2023 23:20	1.6	270	7	2.0	0.00
17/07/2023 23:30	1.5	269	8	2.0	0.00
17/07/2023 23:40	1.4	277	8	2.0	0.00
17/07/2023 23:50	1.1	257	8	1.7	0.00
18/07/2023 00:00	0.3	275	3	1.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 00:10	0.6	276	13	1.0	0.00
18/07/2023 00:20					0.00
18/07/2023 00:30					0.00
18/07/2023 00:40					0.00
18/07/2023 00:50					0.00
18/07/2023 01:00	0.0	276	0	0.4	0.00
18/07/2023 01:10					0.00
18/07/2023 01:20					0.00
18/07/2023 01:30					0.00
18/07/2023 01:40	0.0	299	0	0.4	0.00
18/07/2023 01:50					0.00
18/07/2023 02:00					0.00
18/07/2023 02:10					0.00
18/07/2023 02:20					0.00
18/07/2023 02:30					0.00
18/07/2023 02:40					0.00
18/07/2023 02:50					0.00
18/07/2023 03:00					0.00
18/07/2023 03:10					0.00
18/07/2023 03:20					0.00
18/07/2023 03:30					0.00
18/07/2023 03:40					0.00
18/07/2023 03:50					0.00
18/07/2023 04:00					0.00
18/07/2023 04:10					0.00
18/07/2023 04:20					0.00
18/07/2023 04:30					0.00
18/07/2023 04:40	1.5	174	43	2.6	0.00
18/07/2023 04:50	0.1	60	1	1.2	0.00
18/07/2023 05:00	0.3	151	13	1.0	0.00
18/07/2023 05:10	0.1	26	12	0.8	0.00
18/07/2023 05:20	1.2	201	21	1.8	0.00
18/07/2023 05:30	0.8	310	19	1.3	0.00
18/07/2023 05:40	0.6	295	27	1.2	0.00
18/07/2023 05:50	0.7	220	40	1.4	0.00
18/07/2023 06:00	0.9	242	20	1.2	0.00
18/07/2023 06:10	0.2	251	14	0.7	0.00
18/07/2023 06:20	0.8	299	16	1.4	0.00
18/07/2023 06:30	0.3	271	25	0.9	0.00
18/07/2023 06:40	0.7	245	25	1.1	0.00
18/07/2023 06:50	0.8	179	31	1.5	0.00
18/07/2023 07:00	0.9	215	36	1.9	0.00
18/07/2023 07:10	0.6	224	43	1.2	0.00
18/07/2023 07:20	1.7	99	18	2.9	0.00
18/07/2023 07:30	2.6	96	10	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 07:40	2.3	90	12	3.6	0.00
18/07/2023 07:50	1.7	89	14	2.4	0.00
18/07/2023 08:00	1.7	88	15	2.4	0.00
18/07/2023 08:10	1.8	97	13	2.7	0.00
18/07/2023 08:20	1.8	102	16	2.8	0.00
18/07/2023 08:30	2.0	101	14	3.0	0.00
18/07/2023 08:40	2.9	102	12	4.0	0.00
18/07/2023 08:50	2.6	98	17	3.7	0.00
18/07/2023 09:00	2.0	79	20	3.2	0.00
18/07/2023 09:10	2.2	46	21	3.3	0.00
18/07/2023 09:20	2.7	61	13	3.6	0.00
18/07/2023 09:30	2.3	74	13	3.0	0.00
18/07/2023 09:40	2.4	88	18	3.6	0.00
18/07/2023 09:50	3.0	89	16	4.0	0.00
18/07/2023 10:00	3.5	90	14	4.4	0.00
18/07/2023 10:10	3.4	106	13	4.5	0.00
18/07/2023 10:20	3.1	100	13	4.1	0.00
18/07/2023 10:30	3.0	92	14	4.4	0.00
18/07/2023 10:40	3.3	102	12	4.5	0.00
18/07/2023 10:50	3.5	111	14	4.8	0.00
18/07/2023 11:00	3.5	87	13	4.6	0.00
18/07/2023 11:10	3.3	92	14	5.5	0.00
18/07/2023 11:20	3.0	84	14	4.1	0.00
18/07/2023 11:30	3.3	96	18	4.8	0.00
18/07/2023 11:40	3.6	111	17	4.9	0.00
18/07/2023 11:50	4.1	117	16	5.8	0.00
18/07/2023 12:00	4.6	105	11	5.7	0.00
18/07/2023 12:10	4.6	103	10	6.1	0.00
18/07/2023 12:20	4.3	108	10	5.4	0.00
18/07/2023 12:30	4.4	103	9	5.8	0.00
18/07/2023 12:40	3.9	99	15	5.6	0.00
18/07/2023 12:50	3.9	93	13	5.3	0.00
18/07/2023 13:00	3.6	94	12	5.0	0.00
18/07/2023 13:10	4.0	86	13	5.2	0.00
18/07/2023 13:20	3.5	88	13	4.4	0.00
18/07/2023 13:30	3.2	86	13	4.4	0.00
18/07/2023 13:40	3.0	90	12	4.1	0.00
18/07/2023 13:50	2.5	93	17	3.3	0.00
18/07/2023 14:00	2.1	100	15	2.9	0.00
18/07/2023 14:10	1.6	147	66	2.6	0.00
18/07/2023 14:20	1.5	88	34	2.1	0.00
18/07/2023 14:30	1.7	305	48	3.2	0.00
18/07/2023 14:40	2.2	303	27	3.4	0.00
18/07/2023 14:50	2.2	288	26	3.6	0.00
18/07/2023 15:00	2.5	293	18	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 15:10	2.5	288	17	3.6	0.00
18/07/2023 15:20	2.9	274	16	4.3	0.00
18/07/2023 15:30	3.2	274	16	4.3	0.00
18/07/2023 15:40	3.1	281	16	4.1	0.00
18/07/2023 15:50	3.0	287	11	3.9	0.00
18/07/2023 16:00	3.0	284	14	4.0	0.00
18/07/2023 16:10	3.1	286	10	3.9	0.00
18/07/2023 16:20	3.0	287	12	4.0	0.00
18/07/2023 16:30	3.1	290	12	4.2	0.00
18/07/2023 16:40	3.7	295	8	4.5	0.00
18/07/2023 16:50	3.4	295	9	4.4	0.00
18/07/2023 17:00	3.3	290	11	4.2	0.00
18/07/2023 17:10	2.8	285	12	3.7	0.00
18/07/2023 17:20	2.6	278	13	3.7	0.00
18/07/2023 17:30	2.6	285	12	3.5	0.00
18/07/2023 17:40	2.7	283	14	3.7	0.00
18/07/2023 17:50	3.2	295	10	4.1	0.00
18/07/2023 18:00	3.1	293	9	3.9	0.00
18/07/2023 18:10	2.7	290	11	3.6	0.00
18/07/2023 18:20	3.0	291	11	4.0	0.00
18/07/2023 18:30	3.2	293	11	4.2	0.00
18/07/2023 18:40	2.5	279	15	3.3	0.00
18/07/2023 18:50	2.6	282	11	3.8	0.00
18/07/2023 19:00	2.7	278	13	3.4	0.00
18/07/2023 19:10	2.9	272	10	3.7	0.00
18/07/2023 19:20	2.6	272	12	3.3	0.00
18/07/2023 19:30	2.3	275	13	3.1	0.00
18/07/2023 19:40	2.1	269	12	2.8	0.00
18/07/2023 19:50	2.7	262	5	3.2	0.00
18/07/2023 20:00	2.6	256	9	3.3	0.00
18/07/2023 20:10	2.4	249	10	3.1	0.00
18/07/2023 20:20	2.3	244	9	2.9	0.00
18/07/2023 20:30	2.4	248	8	3.0	0.00
18/07/2023 20:40	2.2	246	10	2.8	0.00
18/07/2023 20:50	2.3	247	10	3.3	0.00
18/07/2023 21:00	2.7	249	11	3.7	0.00
18/07/2023 21:10	3.0	251	9	4.0	0.00
18/07/2023 21:20	3.0	254	9	4.0	0.00
18/07/2023 21:30	2.5	253	8	3.2	0.00
18/07/2023 21:40	2.5	254	8	3.1	0.00
18/07/2023 21:50	2.5	252	8	3.2	0.00
18/07/2023 22:00	2.0	253	8	2.8	0.00
18/07/2023 22:10	2.0	253	8	2.9	0.00
18/07/2023 22:20	2.4	258	7	3.1	0.00
18/07/2023 22:30	2.1	256	9	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 22:40	2.2	260	7	2.8	0.00
18/07/2023 22:50	2.3	257	9	2.8	0.00
18/07/2023 23:00	2.6	258	10	3.2	0.00
18/07/2023 23:10	2.8	260	8	3.5	0.00
18/07/2023 23:20	3.1	262	8	3.8	0.00
18/07/2023 23:30	2.7	261	9	3.5	0.00
18/07/2023 23:40	2.8	259	8	3.6	0.00
18/07/2023 23:50	2.3	258	6	2.8	0.00
19/07/2023 00:00	1.7	245	14	2.1	0.00
19/07/2023 00:10	1.2	239	10	1.6	0.00
19/07/2023 00:20	1.3	242	8	1.6	0.00
19/07/2023 00:30	1.0	237	10	1.3	0.00
19/07/2023 00:40	1.3	263	9	1.8	0.00
19/07/2023 00:50	0.4	260	12	0.9	0.00
19/07/2023 01:00					0.00
19/07/2023 01:10	0.1	265	3	0.7	0.00
19/07/2023 01:20	0.4	254	10	0.9	0.00
19/07/2023 01:30	0.4	253	24	0.9	0.00
19/07/2023 01:40	0.1	185	12	0.6	0.00
19/07/2023 01:50	0.1	334	3	0.8	0.00
19/07/2023 02:00	0.3	339	14	1.2	0.00
19/07/2023 02:10	0.6	322	3	1.1	0.00
19/07/2023 02:20	1.3	306	4	1.6	0.00
19/07/2023 02:30	0.9	301	5	1.3	0.00
19/07/2023 02:40	0.6	311	7	1.2	0.00
19/07/2023 02:50	0.6	307	10	1.2	0.00
19/07/2023 03:00	0.8	32	9	1.2	0.00
19/07/2023 03:10	0.9	341	16	1.2	0.00
19/07/2023 03:20	1.1	303	8	1.6	0.00
19/07/2023 03:30	0.6	317	21	1.2	0.00
19/07/2023 03:40	1.5	301	6	1.8	0.00
19/07/2023 03:50	0.3	292	6	1.5	0.00
19/07/2023 04:00	0.6	178	11	1.2	0.00
19/07/2023 04:10	0.9	313	18	1.3	0.00
19/07/2023 04:20	0.5	193	8	1.2	0.00
19/07/2023 04:30	0.5	321	13	0.9	0.00
19/07/2023 04:40	0.6	335	15	0.9	0.00
19/07/2023 04:50	0.8	344	18	1.1	0.00
19/07/2023 05:00	0.5	190	9	1.0	0.00
19/07/2023 05:10	0.6	56	38	1.2	0.00
19/07/2023 05:20	0.7	21	30	1.1	0.00
19/07/2023 05:30	1.0	317	14	1.3	0.00
19/07/2023 05:40	0.6	170	20	1.2	0.00
19/07/2023 05:50	0.7	318	30	1.2	0.00
19/07/2023 06:00	0.6	339	26	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 06:10	0.8	21	16	1.1	0.00
19/07/2023 06:20	1.0	318	15	1.4	0.00
19/07/2023 06:30	1.2	304	7	1.3	0.00
19/07/2023 06:40	1.2	313	8	1.5	0.00
19/07/2023 06:50	0.4	328	16	1.2	0.00
19/07/2023 07:00	1.0	242	46	1.5	0.00
19/07/2023 07:10	0.7	264	13	1.0	0.00
19/07/2023 07:20	0.7	191	20	1.2	0.00
19/07/2023 07:30	1.0	327	32	1.7	0.00
19/07/2023 07:40	0.6	63	8	1.2	0.00
19/07/2023 07:50	0.5	61	5	1.1	0.00
19/07/2023 08:00	0.8	186	30	1.2	0.00
19/07/2023 08:10	0.9	70	11	1.2	0.00
19/07/2023 08:20	0.1	156	5	0.7	0.00
19/07/2023 08:30	0.1	221	10	0.8	0.00
19/07/2023 08:40	0.1	176	10	0.6	0.00
19/07/2023 08:50	0.5	211	25	1.2	0.00
19/07/2023 09:00	0.8	239	18	1.4	0.00
19/07/2023 09:10	1.0	211	34	1.6	0.00
19/07/2023 09:20	1.7	235	21	2.3	0.00
19/07/2023 09:30	1.9	274	24	2.7	0.00
19/07/2023 09:40	1.8	264	20	2.7	0.00
19/07/2023 09:50	1.0	273	31	1.6	0.00
19/07/2023 10:00	1.9	283	25	3.1	0.00
19/07/2023 10:10	1.6	272	30	2.8	0.00
19/07/2023 10:20	2.3	287	23	3.6	0.00
19/07/2023 10:30	2.1	296	17	3.2	0.00
19/07/2023 10:40	1.4	236	40	2.5	0.00
19/07/2023 10:50	2.0	239	20	2.7	0.00
19/07/2023 11:00	2.2	253	18	3.2	0.00
19/07/2023 11:10	2.1	260	23	3.3	0.00
19/07/2023 11:20	2.5	287	20	3.6	0.00
19/07/2023 11:30	2.5	278	21	3.6	0.00
19/07/2023 11:40	2.7	278	18	3.8	0.00
19/07/2023 11:50	2.9	275	17	3.9	0.00
19/07/2023 12:00	3.0	276	19	3.9	0.00
19/07/2023 12:10	3.4	276	16	4.7	0.00
19/07/2023 12:20	3.7	275	19	4.7	0.00
19/07/2023 12:30	3.7	261	11	4.9	0.00
19/07/2023 12:40	3.2	271	15	4.4	0.00
19/07/2023 12:50	3.2	275	16	4.4	0.00
19/07/2023 13:00	3.5	265	13	4.6	0.00
19/07/2023 13:10	3.7	272	14	4.8	0.00
19/07/2023 13:20	3.8	273	15	5.1	0.00
19/07/2023 13:30	4.0	268	16	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 13:40	4.1	266	15	5.3	0.00
19/07/2023 13:50	3.8	273	13	5.3	0.00
19/07/2023 14:00	4.3	264	13	5.8	0.00
19/07/2023 14:10	4.3	263	13	5.7	0.00
19/07/2023 14:20	3.6	266	15	4.9	0.00
19/07/2023 14:30	3.9	267	16	5.0	0.00
19/07/2023 14:40	4.0	281	16	5.8	0.00
19/07/2023 14:50	3.8	290	16	5.6	0.00
19/07/2023 15:00	3.4	251	12	4.5	0.00
19/07/2023 15:10	4.0	253	15	6.5	0.00
19/07/2023 15:20	5.0	262	11	6.6	0.00
19/07/2023 15:30	4.6	262	12	6.2	0.00
19/07/2023 15:40	4.0	255	15	5.7	0.00
19/07/2023 15:50	4.2	251	15	5.8	0.00
19/07/2023 16:00	5.0	258	15	6.5	0.00
19/07/2023 16:10	5.0	260	10	6.9	0.00
19/07/2023 16:20	4.4	258	12	5.9	0.00
19/07/2023 16:30	4.7	259	9	6.3	0.00
19/07/2023 16:40	4.3	264	12	6.1	0.00
19/07/2023 16:50	5.3	262	10	6.6	0.00
19/07/2023 17:00	4.9	259	9	6.2	0.00
19/07/2023 17:10	4.5	259	9	5.9	0.00
19/07/2023 17:20	4.3	260	9	5.8	0.00
19/07/2023 17:30	4.7	259	10	6.1	0.00
19/07/2023 17:40	4.2	257	12	5.8	0.00
19/07/2023 17:50	4.3	256	13	5.9	0.00
19/07/2023 18:00	5.2	262	12	7.3	0.00
19/07/2023 18:10	4.6	261	11	6.4	0.00
19/07/2023 18:20	3.5	252	12	5.0	0.00
19/07/2023 18:30	3.7	252	11	5.2	0.00
19/07/2023 18:40	3.2	253	14	4.5	0.00
19/07/2023 18:50	4.1	260	11	5.6	0.00
19/07/2023 19:00	3.6	258	12	5.1	0.00
19/07/2023 19:10	3.0	247	11	4.8	0.00
19/07/2023 19:20	3.0	252	11	4.1	0.00
19/07/2023 19:30	3.4	252	12	4.5	0.00
19/07/2023 19:40	2.5	244	12	3.7	0.00
19/07/2023 19:50	2.9	249	13	4.0	0.00
19/07/2023 20:00	3.3	250	11	4.5	0.00
19/07/2023 20:10	3.3	252	11	4.4	0.00
19/07/2023 20:20	2.8	249	12	4.0	0.00
19/07/2023 20:30	3.9	264	10	5.2	0.00
19/07/2023 20:40	3.6	258	10	4.7	0.00
19/07/2023 20:50	3.2	254	10	4.8	0.00
19/07/2023 21:00	4.1	261	10	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 21:10	4.2	258	10	5.4	0.00
19/07/2023 21:20	4.0	258	10	5.2	0.00
19/07/2023 21:30	3.6	258	9	5.3	0.00
19/07/2023 21:40	3.1	255	12	4.4	0.00
19/07/2023 21:50	2.9	254	11	4.3	0.00
19/07/2023 22:00	3.1	254	11	4.4	0.00
19/07/2023 22:10	3.7	257	11	4.8	0.00
19/07/2023 22:20	3.9	257	10	5.3	0.00
19/07/2023 22:30	3.7	261	10	4.9	0.00
19/07/2023 22:40	3.6	259	10	4.7	0.00
19/07/2023 22:50	3.8	259	11	4.8	0.00
19/07/2023 23:00	3.9	257	11	5.0	0.00
19/07/2023 23:10	4.0	258	11	5.2	0.00
19/07/2023 23:20	4.3	257	10	5.6	0.00
19/07/2023 23:30	4.5	256	10	6.0	0.00
19/07/2023 23:40	4.2	254	10	5.3	0.00
19/07/2023 23:50	3.8	255	10	5.0	0.00
20/07/2023 00:00	2.8	252	11	4.3	0.00
20/07/2023 00:10	2.2	252	14	2.9	0.00
20/07/2023 00:20	2.3	252	12	3.6	0.00
20/07/2023 00:30	2.6	254	10	3.2	0.00
20/07/2023 00:40	2.9	256	10	4.0	0.00
20/07/2023 00:50	2.9	255	9	3.6	0.00
20/07/2023 01:00	2.6	257	8	3.4	0.00
20/07/2023 01:10	2.1	251	10	2.8	0.00
20/07/2023 01:20	1.7	249	11	2.4	0.00
20/07/2023 01:30	0.8	241	11	1.5	0.00
20/07/2023 01:40	0.5	242	9	1.5	0.00
20/07/2023 01:50					0.00
20/07/2023 02:00					0.00
20/07/2023 02:10					0.00
20/07/2023 02:20	0.6	243	18	2.4	0.00
20/07/2023 02:30	1.2	247	17	2.4	0.00
20/07/2023 02:40	1.4	280	13	2.0	0.00
20/07/2023 02:50	0.6	291	21	1.4	0.00
20/07/2023 03:00	1.5	165	53	3.5	0.00
20/07/2023 03:10	1.1	175	61	2.6	0.00
20/07/2023 03:20	0.5	157	53	1.4	0.00
20/07/2023 03:30	1.6	170	45	2.7	0.00
20/07/2023 03:40	1.4	215	41	2.7	0.00
20/07/2023 03:50	1.1	155	40	2.4	0.00
20/07/2023 04:00	0.5	37	51	1.2	0.00
20/07/2023 04:10	1.0	168	56	2.0	0.00
20/07/2023 04:20	1.2	180	45	2.5	0.00
20/07/2023 04:30	1.3	43	30	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 04:40	1.6	185	25	2.5	0.00
20/07/2023 04:50	1.2	310	29	2.6	0.00
20/07/2023 05:00	1.1	71	44	2.0	0.00
20/07/2023 05:10	1.8	140	44	3.0	0.00
20/07/2023 05:20	2.7	139	17	4.3	0.00
20/07/2023 05:30	2.9	144	27	4.0	0.00
20/07/2023 05:40	3.3	128	13	4.8	0.00
20/07/2023 05:50	2.6	115	11	3.6	0.00
20/07/2023 06:00	2.1	114	9	2.9	0.00
20/07/2023 06:10	2.1	109	9	2.7	0.00
20/07/2023 06:20	2.2	108	9	2.9	0.00
20/07/2023 06:30	2.2	109	8	2.8	0.00
20/07/2023 06:40	1.8	106	9	2.4	0.00
20/07/2023 06:50	1.8	104	8	2.4	0.00
20/07/2023 07:00	1.9	103	8	2.5	0.00
20/07/2023 07:10	2.1	92	8	2.5	0.00
20/07/2023 07:20	2.3	90	9	2.8	0.00
20/07/2023 07:30	2.3	89	9	3.0	0.00
20/07/2023 07:40	2.1	93	10	2.7	0.00
20/07/2023 07:50	2.1	92	10	2.9	0.00
20/07/2023 08:00	2.0	86	10	2.7	0.00
20/07/2023 08:10	2.3	93	12	3.2	0.00
20/07/2023 08:20	2.9	104	11	4.0	0.00
20/07/2023 08:30	2.9	99	14	4.0	0.00
20/07/2023 08:40	2.9	94	13	4.0	0.00
20/07/2023 08:50	3.4	96	12	4.6	0.00
20/07/2023 09:00	3.8	97	11	5.2	0.00
20/07/2023 09:10	4.3	101	10	5.8	0.00
20/07/2023 09:20	4.4	103	11	6.0	0.00
20/07/2023 09:30	4.8	103	11	6.3	0.00
20/07/2023 09:40	4.7	103	11	6.4	0.00
20/07/2023 09:50	4.9	100	11	6.4	0.00
20/07/2023 10:00	5.3	102	10	6.8	0.00
20/07/2023 10:10	5.3	90	12	7.1	0.00
20/07/2023 10:20	5.0	87	12	6.6	0.00
20/07/2023 10:30	5.7	87	11	7.6	0.00
20/07/2023 10:40	5.6	87	10	7.5	0.00
20/07/2023 10:50	5.3	85	13	7.3	0.00
20/07/2023 11:00	5.1	88	12	7.0	0.00
20/07/2023 11:10	5.7	83	12	7.7	0.00
20/07/2023 11:20	5.3	94	14	7.4	0.00
20/07/2023 11:30	5.0	91	12	7.2	0.00
20/07/2023 11:40	5.3	90	12	7.3	0.00
20/07/2023 11:50	4.8	94	13	6.7	0.00
20/07/2023 12:00	4.6	96	13	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 12:10	4.6	91	13	6.2	0.00
20/07/2023 12:20	4.6	86	14	5.9	0.00
20/07/2023 12:30	5.2	83	10	6.8	0.00
20/07/2023 12:40	4.8	77	13	6.4	0.00
20/07/2023 12:50	5.0	78	12	7.0	0.00
20/07/2023 13:00	5.0	80	13	6.5	0.00
20/07/2023 13:10	5.0	79	11	6.9	0.00
20/07/2023 13:20	5.2	83	13	7.0	0.00
20/07/2023 13:30	5.0	78	14	6.8	0.00
20/07/2023 13:40	5.0	82	12	6.7	0.00
20/07/2023 13:50	5.1	77	12	7.2	0.00
20/07/2023 14:00	5.3	77	12	7.0	0.00
20/07/2023 14:10	4.8	79	11	6.7	0.00
20/07/2023 14:20	5.1	80	11	6.7	0.00
20/07/2023 14:30	5.0	77	11	6.8	0.00
20/07/2023 14:40	4.9	77	12	6.8	0.00
20/07/2023 14:50	4.9	73	10	6.3	0.00
20/07/2023 15:00	4.5	76	11	6.3	0.00
20/07/2023 15:10	4.7	75	11	6.1	0.00
20/07/2023 15:20	4.7	68	10	6.1	0.00
20/07/2023 15:30	5.2	74	10	6.4	0.00
20/07/2023 15:40	4.4	76	12	6.3	0.00
20/07/2023 15:50	4.3	70	12	6.0	0.00
20/07/2023 16:00	4.9	73	13	6.8	0.00
20/07/2023 16:10	4.4	71	12	5.8	0.00
20/07/2023 16:20	4.3	73	13	5.9	0.00
20/07/2023 16:30	4.4	76	10	5.9	0.00
20/07/2023 16:40	4.1	75	10	5.6	0.00
20/07/2023 16:50	3.7	67	10	4.8	0.00
20/07/2023 17:00	3.7	72	11	5.7	0.00
20/07/2023 17:10	3.4	66	11	4.6	0.00
20/07/2023 17:20	3.3	63	10	4.4	0.00
20/07/2023 17:30	3.1	61	9	4.3	0.00
20/07/2023 17:40	3.2	63	8	4.5	0.00
20/07/2023 17:50	2.9	61	9	4.2	0.00
20/07/2023 18:00	2.8	58	9	3.7	0.00
20/07/2023 18:10	2.3	48	8	2.8	0.00
20/07/2023 18:20	2.1	47	7	2.5	0.00
20/07/2023 18:30	2.1	44	9	2.7	0.00
20/07/2023 18:40	1.8	49	8	2.2	0.00
20/07/2023 18:50	0.9	108	32	1.4	0.00
20/07/2023 19:00	0.2	75	25	0.8	0.00
20/07/2023 19:10	2.1	242	12	3.2	0.00
20/07/2023 19:20	3.3	241	10	4.6	0.00
20/07/2023 19:30	3.6	251	10	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 19:40	3.9	249	10	5.0	0.00
20/07/2023 19:50	3.4	250	10	4.6	0.00
20/07/2023 20:00	3.1	251	11	4.0	0.00
20/07/2023 20:10	3.0	246	10	3.9	0.00
20/07/2023 20:20	1.5	229	18	2.2	0.00
20/07/2023 20:30	2.2	234	13	3.2	0.00
20/07/2023 20:40	2.8	244	11	3.9	0.00
20/07/2023 20:50	2.3	235	12	3.2	0.00
20/07/2023 21:00	2.2	231	15	3.0	0.00
20/07/2023 21:10	2.9	236	11	3.9	0.00
20/07/2023 21:20	2.4	234	12	3.2	0.00
20/07/2023 21:30	2.3	237	11	3.2	0.00
20/07/2023 21:40	2.8	242	11	3.7	0.00
20/07/2023 21:50	2.4	240	13	3.3	0.00
20/07/2023 22:00	2.5	247	11	3.6	0.00
20/07/2023 22:10	2.1	244	13	2.9	0.00
20/07/2023 22:20	2.2	245	12	3.1	0.00
20/07/2023 22:30	1.9	238	13	2.6	0.00
20/07/2023 22:40	2.1	242	14	2.8	0.00
20/07/2023 22:50	1.9	248	11	2.4	0.00
20/07/2023 23:00	1.9	249	12	2.8	0.00
20/07/2023 23:10	1.5	253	15	2.0	0.00
20/07/2023 23:20	1.8	246	13	2.7	0.00
20/07/2023 23:30	2.1	248	13	2.8	0.00
20/07/2023 23:40	2.7	258	15	4.5	0.00
20/07/2023 23:50	1.4	279	34	2.4	0.00
21/07/2023 00:00	1.0	162	49	1.7	0.00
21/07/2023 00:10	0.8	234	20	1.6	0.00
21/07/2023 00:20	0.8	52	6	1.3	0.00
21/07/2023 00:30	0.4	128	13	1.3	0.00
21/07/2023 00:40	0.5	247	18	1.2	0.00
21/07/2023 00:50	0.7	138	24	1.4	0.00
21/07/2023 01:00	1.2	186	57	2.4	0.00
21/07/2023 01:10	1.1	214	35	1.6	0.00
21/07/2023 01:20	0.9	235	33	2.1	0.00
21/07/2023 01:30	1.3	216	54	2.3	0.00
21/07/2023 01:40	1.4	204	40	2.4	0.00
21/07/2023 01:50	0.8	228	65	1.4	0.00
21/07/2023 02:00	1.0	224	44	1.9	0.00
21/07/2023 02:10	1.0	231	21	1.6	0.00
21/07/2023 02:20	1.2	182	45	2.4	0.00
21/07/2023 02:30	0.7	63	50	1.5	0.00
21/07/2023 02:40	0.7	79	20	1.6	0.00
21/07/2023 02:50	1.0	112	45	1.6	0.00
21/07/2023 03:00	1.0	117	20	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 03:10	1.1	116	14	1.6	0.00
21/07/2023 03:20	1.1	132	17	1.6	0.00
21/07/2023 03:30	1.6	91	20	2.4	0.00
21/07/2023 03:40	2.1	126	12	3.1	0.00
21/07/2023 03:50	2.4	116	10	3.4	0.00
21/07/2023 04:00	2.4	115	10	3.4	0.00
21/07/2023 04:10	2.3	118	9	3.0	0.00
21/07/2023 04:20	2.7	116	10	3.5	0.00
21/07/2023 04:30	2.8	116	12	4.0	0.00
21/07/2023 04:40	3.2	111	10	4.4	0.00
21/07/2023 04:50	2.8	105	9	3.8	0.00
21/07/2023 05:00	3.1	106	10	4.4	0.00
21/07/2023 05:10	2.7	102	10	3.6	0.00
21/07/2023 05:20	3.2	98	9	4.5	0.00
21/07/2023 05:30	3.3	97	9	4.4	0.00
21/07/2023 05:40	3.6	104	9	4.6	0.00
21/07/2023 05:50	3.3	102	9	4.2	0.00
21/07/2023 06:00	3.2	104	8	4.0	0.00
21/07/2023 06:10	3.0	100	8	4.0	0.00
21/07/2023 06:20	2.9	95	10	3.7	0.00
21/07/2023 06:30	2.9	95	10	3.7	0.00
21/07/2023 06:40	3.0	98	9	3.9	0.00
21/07/2023 06:50	2.9	98	9	3.7	0.00
21/07/2023 07:00	3.2	103	8	4.1	0.00
21/07/2023 07:10	2.7	106	10	3.7	0.00
21/07/2023 07:20	2.5	105	11	3.2	0.00
21/07/2023 07:30	2.6	99	12	3.3	0.00
21/07/2023 07:40	3.1	95	10	4.0	0.00
21/07/2023 07:50	3.2	94	10	4.0	0.00
21/07/2023 08:00	3.5	97	11	4.5	0.00
21/07/2023 08:10	4.1	101	8	5.1	0.00
21/07/2023 08:20	3.7	104	9	4.7	0.00
21/07/2023 08:30	3.8	99	10	5.1	0.00
21/07/2023 08:40	4.5	103	9	5.6	0.00
21/07/2023 08:50	4.6	109	11	6.2	0.00
21/07/2023 09:00	4.8	109	13	6.7	0.00
21/07/2023 09:10	5.0	101	10	7.7	0.00
21/07/2023 09:20	5.5	100	12	7.5	0.00
21/07/2023 09:30	5.4	103	11	7.3	0.00
21/07/2023 09:40	5.4	100	11	7.4	0.00
21/07/2023 09:50	4.8	95	11	6.8	0.00
21/07/2023 10:00	5.4	103	10	7.2	0.00
21/07/2023 10:10	5.8	108	12	8.0	0.00
21/07/2023 10:20	5.4	105	12	7.6	0.00
21/07/2023 10:30	5.4	97	12	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 10:40	5.3	107	13	7.5	0.00
21/07/2023 10:50	5.3	100	11	6.8	0.00
21/07/2023 11:00	5.3	100	13	7.6	0.00
21/07/2023 11:10	5.9	103	11	7.7	0.00
21/07/2023 11:20	5.3	94	14	7.0	0.00
21/07/2023 11:30	5.5	86	11	7.4	0.00
21/07/2023 11:40	4.7	92	13	6.6	0.00
21/07/2023 11:50	4.4	104	14	6.3	0.00
21/07/2023 12:00	4.2	95	15	5.7	0.00
21/07/2023 12:10	4.7	88	12	7.1	0.00
21/07/2023 12:20	4.3	99	13	6.1	0.00
21/07/2023 12:30	4.2	89	13	6.0	0.00
21/07/2023 12:40	4.0	91	13	5.6	0.00
21/07/2023 12:50	4.5	93	15	6.0	0.00
21/07/2023 13:00	3.7	82	15	5.4	0.00
21/07/2023 13:10	4.2	87	15	5.9	0.00
21/07/2023 13:20	4.4	74	14	6.5	0.00
21/07/2023 13:30	4.3	77	15	6.5	0.00
21/07/2023 13:40	4.8	80	11	6.8	0.00
21/07/2023 13:50	5.0	75	11	6.8	0.00
21/07/2023 14:00	4.9	75	14	6.6	0.00
21/07/2023 14:10	5.1	75	11	6.8	0.00
21/07/2023 14:20	5.1	75	12	6.8	0.00
21/07/2023 14:30	5.0	72	11	6.7	0.00
21/07/2023 14:40	4.8	76	13	6.7	0.00
21/07/2023 14:50	4.8	73	13	6.4	0.00
21/07/2023 15:00	4.7	73	14	6.2	0.00
21/07/2023 15:10	4.8	73	12	6.8	0.00
21/07/2023 15:20	4.8	72	11	6.4	0.00
21/07/2023 15:30	4.7	73	12	6.2	0.00
21/07/2023 15:40	4.8	67	13	6.8	0.00
21/07/2023 15:50	4.4	71	13	5.6	0.00
21/07/2023 16:00	4.5	66	12	6.4	0.00
21/07/2023 16:10	4.1	63	12	5.6	0.00
21/07/2023 16:20	4.1	66	12	6.1	0.00
21/07/2023 16:30	4.2	62	11	5.5	0.00
21/07/2023 16:40	4.0	58	12	5.2	0.00
21/07/2023 16:50	4.4	56	10	5.8	0.00
21/07/2023 17:00	4.4	61	11	5.6	0.00
21/07/2023 17:10	3.8	63	11	5.1	0.00
21/07/2023 17:20	3.6	65	12	5.2	0.00
21/07/2023 17:30	3.8	62	11	5.1	0.00
21/07/2023 17:40	3.3	59	10	4.5	0.00
21/07/2023 17:50	3.6	60	11	4.5	0.00
21/07/2023 18:00	3.3	60	10	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 18:10	3.2	54	9	4.5	0.00
21/07/2023 18:20	3.0	58	9	4.2	0.00
21/07/2023 18:30	2.9	56	9	3.7	0.00
21/07/2023 18:40	3.2	63	9	4.1	0.00
21/07/2023 18:50	2.4	50	9	3.0	0.00
21/07/2023 19:00	2.6	54	9	3.3	0.00
21/07/2023 19:10	2.2	61	9	3.1	0.00
21/07/2023 19:20	1.2	72	15	1.6	0.00
21/07/2023 19:30	1.4	85	16	2.3	0.00
21/07/2023 19:40	1.4	96	19	2.4	0.00
21/07/2023 19:50	0.8	98	15	1.2	0.00
21/07/2023 20:00	1.0	90	11	1.2	0.00
21/07/2023 20:10	1.2	87	13	1.6	0.00
21/07/2023 20:20	1.7	69	18	2.3	0.00
21/07/2023 20:30	1.1	104	18	1.8	0.00
21/07/2023 20:40	1.2	90	22	1.8	0.00
21/07/2023 20:50	0.9	66	11	1.2	0.00
21/07/2023 21:00	0.4	94	6	1.1	0.00
21/07/2023 21:10	1.0	96	12	1.5	0.00
21/07/2023 21:20	1.5	84	10	1.8	0.00
21/07/2023 21:30	1.9	76	21	2.3	0.00
21/07/2023 21:40	1.4	81	16	1.7	0.00
21/07/2023 21:50	1.8	62	9	2.2	0.00
21/07/2023 22:00	1.4	57	12	2.0	0.00
21/07/2023 22:10	1.9	50	7	2.2	0.00
21/07/2023 22:20	1.4	58	11	2.0	0.00
21/07/2023 22:30	1.1	53	7	1.5	0.00
21/07/2023 22:40	0.8	129	29	1.3	0.00
21/07/2023 22:50	0.5	138	12	1.1	0.00
21/07/2023 23:00	0.4	88	5	0.8	0.00
21/07/2023 23:10	0.7	199	14	1.3	0.00
21/07/2023 23:20	0.8	257	21	1.2	0.00
21/07/2023 23:30	1.9	253	13	2.4	0.00
21/07/2023 23:40	1.7	224	16	2.5	0.00
21/07/2023 23:50	1.0	269	35	2.1	0.00
22/07/2023 00:00	1.2	227	62	2.0	0.00
22/07/2023 00:10	1.0	226	39	1.4	0.00
22/07/2023 00:20	0.7	173	19	0.9	0.00
22/07/2023 00:30	0.9	303	10	1.3	0.00
22/07/2023 00:40	0.6	273	39	1.0	0.00
22/07/2023 00:50	0.5	284	21	1.0	0.00
22/07/2023 01:00	0.5	243	34	1.4	0.00
22/07/2023 01:10	0.6	143	45	1.3	0.00
22/07/2023 01:20	1.1	104	22	1.7	0.00
22/07/2023 01:30	0.8	127	25	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 01:40	0.4	30	9	0.9	0.00
22/07/2023 01:50	0.8	216	19	1.2	0.00
22/07/2023 02:00	0.8	71	10	1.2	0.00
22/07/2023 02:10	0.9	89	10	1.3	0.00
22/07/2023 02:20	1.6	105	11	2.5	0.00
22/07/2023 02:30	1.8	97	11	2.8	0.00
22/07/2023 02:40	2.5	108	12	3.9	0.00
22/07/2023 02:50	2.8	92	12	4.0	0.00
22/07/2023 03:00	3.3	89	11	4.4	0.00
22/07/2023 03:10	2.9	89	9	4.0	0.00
22/07/2023 03:20	2.7	108	12	4.2	0.00
22/07/2023 03:30	3.0	116	13	4.7	0.00
22/07/2023 03:40	3.4	114	14	4.8	0.00
22/07/2023 03:50	3.6	119	13	5.3	0.00
22/07/2023 04:00	3.6	110	13	5.4	0.00
22/07/2023 04:10	4.6	107	11	6.9	0.00
22/07/2023 04:20	3.9	109	14	6.1	0.00
22/07/2023 04:30	3.4	112	12	5.0	0.00
22/07/2023 04:40	3.8	116	15	5.7	0.00
22/07/2023 04:50	4.2	113	14	6.4	0.00
22/07/2023 05:00	4.3	112	14	6.8	0.00
22/07/2023 05:10	4.2	114	13	6.4	0.00
22/07/2023 05:20	4.5	116	13	6.7	0.00
22/07/2023 05:30	4.2	117	15	6.7	0.00
22/07/2023 05:40	4.3	119	17	6.8	0.00
22/07/2023 05:50	5.3	118	15	8.0	0.00
22/07/2023 06:00	5.3	118	12	8.0	0.00
22/07/2023 06:10	5.0	119	14	6.9	0.00
22/07/2023 06:20	4.7	116	16	7.2	0.00
22/07/2023 06:30	5.0	118	13	8.6	0.00
22/07/2023 06:40	4.2	122	15	6.5	0.00
22/07/2023 06:50	3.6	122	11	5.2	0.00
22/07/2023 07:00	4.3	122	14	7.1	0.00
22/07/2023 07:10	3.7	119	14	5.8	0.00
22/07/2023 07:20	3.7	119	11	5.8	0.00
22/07/2023 07:30	3.4	120	13	4.9	0.00
22/07/2023 07:40	3.7	112	15	5.4	0.00
22/07/2023 07:50	3.8	113	14	5.5	0.00
22/07/2023 08:00	3.9	116	12	5.2	0.00
22/07/2023 08:10	4.1	115	14	6.2	0.00
22/07/2023 08:20	4.4	117	13	6.5	0.00
22/07/2023 08:30	4.5	115	12	6.0	0.00
22/07/2023 08:40	4.0	118	14	6.3	0.00
22/07/2023 08:50	4.6	109	14	7.0	0.00
22/07/2023 09:00	5.2	115	15	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 09:10	4.8	121	14	8.0	0.00
22/07/2023 09:20	5.3	123	16	8.2	0.00
22/07/2023 09:30	5.4	116	15	7.8	0.00
22/07/2023 09:40	5.5	114	13	7.9	0.00
22/07/2023 09:50	5.3	117	15	8.4	0.00
22/07/2023 10:00	5.6	119	14	8.2	0.00
22/07/2023 10:10	5.9	119	15	8.4	0.00
22/07/2023 10:20	6.1	111	11	8.6	0.00
22/07/2023 10:30	6.2	115	12	8.7	0.00
22/07/2023 10:40	5.7	114	13	8.1	0.00
22/07/2023 10:50	5.3	113	14	7.8	0.00
22/07/2023 11:00	6.3	108	13	9.7	0.00
22/07/2023 11:10	6.4	103	11	8.7	0.00
22/07/2023 11:20	5.9	104	13	8.5	0.00
22/07/2023 11:30	5.8	110	14	8.7	0.00
22/07/2023 11:40	5.7	106	12	7.7	0.00
22/07/2023 11:50	5.9	97	12	7.9	0.00
22/07/2023 12:00	5.8	102	12	8.0	0.00
22/07/2023 12:10	6.4	97	12	8.9	0.00
22/07/2023 12:20	6.1	102	13	7.9	0.00
22/07/2023 12:30	6.7	99	13	9.2	0.00
22/07/2023 12:40	6.2	99	13	9.3	0.00
22/07/2023 12:50	5.8	103	13	8.6	0.00
22/07/2023 13:00	5.9	105	12	8.3	0.00
22/07/2023 13:10	6.2	105	13	8.7	0.00
22/07/2023 13:20	5.7	105	12	8.2	0.00
22/07/2023 13:30	5.7	103	14	7.7	0.00
22/07/2023 13:40	5.5	108	14	7.0	0.00
22/07/2023 13:50	5.6	106	12	7.8	0.00
22/07/2023 14:00	5.4	99	13	7.2	0.00
22/07/2023 14:10	5.3	102	11	7.2	0.00
22/07/2023 14:20	6.0	85	10	8.4	0.00
22/07/2023 14:30	6.1	89	13	8.8	0.00
22/07/2023 14:40	6.5	88	12	9.1	0.00
22/07/2023 14:50	6.0	89	13	8.5	0.00
22/07/2023 15:00	6.1	83	12	9.0	0.00
22/07/2023 15:10	6.2	84	13	8.1	0.00
22/07/2023 15:20	5.5	86	12	7.5	0.00
22/07/2023 15:30	5.7	83	12	8.0	0.00
22/07/2023 15:40	5.3	81	12	7.6	0.00
22/07/2023 15:50	5.1	90	11	8.1	0.00
22/07/2023 16:00	5.2	83	14	7.6	0.00
22/07/2023 16:10	4.8	79	11	7.2	0.00
22/07/2023 16:20	4.9	84	11	6.7	0.00
22/07/2023 16:30	4.4	87	10	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 16:40	4.3	84	12	6.4	0.00
22/07/2023 16:50	4.0	88	12	6.0	0.00
22/07/2023 17:00	4.0	92	14	5.6	0.00
22/07/2023 17:10	4.2	113	12	6.0	0.00
22/07/2023 17:20	4.3	117	13	6.6	0.00
22/07/2023 17:30	4.1	115	12	6.3	0.00
22/07/2023 17:40	4.1	111	13	6.1	0.00
22/07/2023 17:50	3.8	113	16	5.6	0.00
22/07/2023 18:00	4.5	118	11	6.7	0.00
22/07/2023 18:10	4.7	118	12	6.8	0.00
22/07/2023 18:20	4.1	114	13	6.0	0.00
22/07/2023 18:30	3.5	118	12	5.0	0.00
22/07/2023 18:40	4.1	117	13	5.4	0.00
22/07/2023 18:50	4.6	118	12	6.4	0.00
22/07/2023 19:00	4.1	119	14	5.8	0.00
22/07/2023 19:10	4.4	119	13	6.4	0.00
22/07/2023 19:20	4.8	121	12	7.3	0.00
22/07/2023 19:30	3.5	116	11	5.7	0.00
22/07/2023 19:40	3.5	112	12	5.2	0.00
22/07/2023 19:50	3.4	112	13	5.1	0.00
22/07/2023 20:00	3.4	109	14	5.2	0.00
22/07/2023 20:10	3.5	109	13	5.6	0.00
22/07/2023 20:20	3.7	106	13	6.4	0.00
22/07/2023 20:30	3.4	100	12	5.2	0.00
22/07/2023 20:40	3.5	99	12	4.9	0.00
22/07/2023 20:50	3.2	99	12	4.8	0.00
22/07/2023 21:00	3.1	98	13	4.1	0.00
22/07/2023 21:10	3.2	97	12	4.7	0.00
22/07/2023 21:20	3.0	95	12	4.1	0.00
22/07/2023 21:30	3.0	100	12	4.6	0.00
22/07/2023 21:40	2.9	103	12	4.6	0.00
22/07/2023 21:50	3.4	103	14	4.7	0.00
22/07/2023 22:00	3.0	97	13	4.7	0.00
22/07/2023 22:10	3.0	96	12	4.2	0.00
22/07/2023 22:20	2.7	96	12	3.9	0.00
22/07/2023 22:30	2.6	100	14	3.8	0.00
22/07/2023 22:40	2.8	100	13	4.2	0.00
22/07/2023 22:50	3.1	100	14	5.0	0.00
22/07/2023 23:00	3.5	100	12	5.3	0.00
22/07/2023 23:10	3.2	100	15	5.0	0.00
22/07/2023 23:20	3.3	97	14	4.8	0.00
22/07/2023 23:30	3.2	99	12	5.0	0.00
22/07/2023 23:40	3.3	99	11	4.7	0.00
22/07/2023 23:50	3.3	100	13	5.4	0.00
23/07/2023 00:00	3.0	101	14	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 00:10	3.1	98	12	4.1	0.00
23/07/2023 00:20	3.1	105	11	4.6	0.00
23/07/2023 00:30	2.7	106	11	4.1	0.00
23/07/2023 00:40	3.0	109	14	4.5	0.00
23/07/2023 00:50	2.9	106	11	4.2	0.00
23/07/2023 01:00	2.8	111	15	4.2	0.00
23/07/2023 01:10	3.4	109	13	5.2	0.00
23/07/2023 01:20	3.4	113	13	4.9	0.00
23/07/2023 01:30	4.1	113	13	5.9	0.00
23/07/2023 01:40	4.2	115	15	6.1	0.00
23/07/2023 01:50	3.7	113	13	5.9	0.00
23/07/2023 02:00	4.0	110	12	6.2	0.00
23/07/2023 02:10	4.1	110	12	6.4	0.00
23/07/2023 02:20	4.4	105	10	6.0	0.00
23/07/2023 02:30	4.1	107	12	5.6	0.00
23/07/2023 02:40	4.1	112	11	6.1	0.00
23/07/2023 02:50	4.7	110	12	6.6	0.00
23/07/2023 03:00	4.8	106	13	6.8	0.00
23/07/2023 03:10	4.5	110	12	6.1	0.00
23/07/2023 03:20	4.8	105	13	7.2	0.00
23/07/2023 03:30	5.1	104	13	7.4	0.00
23/07/2023 03:40	5.3	106	12	7.5	0.00
23/07/2023 03:50	4.8	111	13	7.8	0.00
23/07/2023 04:00	5.0	109	15	7.7	0.00
23/07/2023 04:10	5.4	106	13	8.0	0.00
23/07/2023 04:20	5.9	103	12	8.7	0.00
23/07/2023 04:30	5.9	104	11	8.6	0.00
23/07/2023 04:40	5.0	110	12	7.5	0.00
23/07/2023 04:50	5.3	106	14	7.6	0.00
23/07/2023 05:00	6.5	103	12	9.2	0.00
23/07/2023 05:10	6.8	100	12	9.2	0.00
23/07/2023 05:20	6.4	101	11	8.7	0.00
23/07/2023 05:30	6.7	103	13	9.7	0.00
23/07/2023 05:40	6.4	106	12	8.9	0.00
23/07/2023 05:50	5.9	109	12	8.4	0.00
23/07/2023 06:00	5.9	106	13	8.5	0.00
23/07/2023 06:10	6.1	104	11	8.7	0.00
23/07/2023 06:20	6.8	104	11	10.1	0.00
23/07/2023 06:30	6.4	104	13	10.3	0.00
23/07/2023 06:40	6.4	104	14	10.4	0.00
23/07/2023 06:50	5.2	109	12	8.5	0.00
23/07/2023 07:00	5.3	107	14	8.1	0.00
23/07/2023 07:10	5.7	105	12	7.9	0.00
23/07/2023 07:20	5.6	108	12	8.0	0.00
23/07/2023 07:30	6.2	101	11	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 07:40	5.9	105	14	9.1	0.00
23/07/2023 07:50	5.6	104	13	7.4	0.00
23/07/2023 08:00	6.7	101	14	9.5	0.00
23/07/2023 08:10	6.7	102	11	8.5	0.00
23/07/2023 08:20	5.9	98	14	8.5	0.00
23/07/2023 08:30	6.5	99	13	9.5	0.00
23/07/2023 08:40	6.7	98	11	9.2	0.00
23/07/2023 08:50	6.6	100	14	8.7	0.00
23/07/2023 09:00	7.4	99	13	10.1	0.00
23/07/2023 09:10	6.7	98	11	9.8	0.00
23/07/2023 09:20	7.2	100	11	9.5	0.00
23/07/2023 09:30	7.5	95	13	10.6	0.00
23/07/2023 09:40	7.8	100	12	9.9	0.00
23/07/2023 09:50	8.3	98	11	11.8	0.00
23/07/2023 10:00	7.8	99	12	10.6	0.00
23/07/2023 10:10	7.2	100	13	9.9	0.00
23/07/2023 10:20	8.0	98	13	10.7	0.00
23/07/2023 10:30	7.2	100	11	9.9	0.00
23/07/2023 10:40	6.9	92	12	9.5	0.00
23/07/2023 10:50	7.8	87	11	10.3	0.00
23/07/2023 11:00	7.5	88	11	10.7	0.00
23/07/2023 11:10	8.0	90	12	11.6	0.00
23/07/2023 11:20	7.6	86	12	11.3	0.00
23/07/2023 11:30	7.8	88	13	10.4	0.00
23/07/2023 11:40	7.9	87	10	11.6	0.00
23/07/2023 11:50	7.8	89	12	9.9	0.00
23/07/2023 12:00	7.7	88	13	10.6	0.00
23/07/2023 12:10	7.8	84	11	10.0	0.00
23/07/2023 12:20	7.0	91	12	9.5	0.00
23/07/2023 12:30	7.1	89	12	9.4	0.00
23/07/2023 12:40	6.9	85	13	9.7	0.00
23/07/2023 12:50	6.8	82	12	9.4	0.00
23/07/2023 13:00	6.8	79	10	9.7	0.00
23/07/2023 13:10	6.8	75	12	8.9	0.00
23/07/2023 13:20	6.8	77	12	9.2	0.00
23/07/2023 13:30	7.2	72	10	10.1	0.00
23/07/2023 13:40	7.3	75	11	9.6	0.00
23/07/2023 13:50	6.7	79	10	9.0	0.00
23/07/2023 14:00	7.3	71	12	10.3	0.00
23/07/2023 14:10	7.1	71	11	9.4	0.00
23/07/2023 14:20	7.4	72	11	9.5	0.00
23/07/2023 14:30	6.6	76	13	9.4	0.00
23/07/2023 14:40	7.2	77	13	9.8	0.00
23/07/2023 14:50	6.8	79	11	10.3	0.00
23/07/2023 15:00	7.0	76	11	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 15:10	6.8	79	12	8.7	0.00
23/07/2023 15:20	6.8	81	9	9.5	0.00
23/07/2023 15:30	7.0	76	11	9.7	0.00
23/07/2023 15:40	6.5	79	10	9.1	0.00
23/07/2023 15:50	6.5	77	11	9.0	0.00
23/07/2023 16:00	6.4	74	12	8.4	0.00
23/07/2023 16:10	6.4	77	12	8.6	0.00
23/07/2023 16:20	6.6	79	11	9.4	0.00
23/07/2023 16:30	4.6	71	11	6.5	0.00
23/07/2023 16:40	5.5	69	13	7.4	0.00
23/07/2023 16:50	5.2	70	11	6.7	0.00
23/07/2023 17:00	5.1	69	12	7.2	0.00
23/07/2023 17:10	4.7	71	10	7.1	0.00
23/07/2023 17:20	4.4	68	12	5.8	0.00
23/07/2023 17:30	4.1	63	12	5.7	0.00
23/07/2023 17:40	4.1	68	10	5.8	0.00
23/07/2023 17:50	3.8	65	11	5.3	0.00
23/07/2023 18:00	3.7	67	11	5.8	0.00
23/07/2023 18:10	3.6	69	9	5.0	0.00
23/07/2023 18:20	3.1	64	10	4.1	0.00
23/07/2023 18:30	3.0	64	9	4.1	0.00
23/07/2023 18:40	2.7	66	10	3.6	0.00
23/07/2023 18:50	2.4	73	8	3.2	0.00
23/07/2023 19:00	2.6	74	9	3.6	0.00
23/07/2023 19:10	2.6	73	8	3.6	0.00
23/07/2023 19:20	2.3	79	12	3.5	0.00
23/07/2023 19:30	1.6	117	18	2.5	0.00
23/07/2023 19:40	2.0	84	8	2.5	0.00
23/07/2023 19:50	1.7	79	13	2.5	0.00
23/07/2023 20:00	1.4	128	13	1.9	0.00
23/07/2023 20:10	1.6	90	9	2.0	0.00
23/07/2023 20:20	1.7	88	10	2.3	0.00
23/07/2023 20:30	2.3	70	9	3.0	0.00
23/07/2023 20:40	2.2	74	7	2.9	0.00
23/07/2023 20:50	2.7	71	10	3.5	0.00
23/07/2023 21:00	2.4	87	10	3.4	0.00
23/07/2023 21:10	2.0	87	10	2.9	0.00
23/07/2023 21:20	2.1	84	9	3.2	0.00
23/07/2023 21:30	2.3	83	8	3.6	0.00
23/07/2023 21:40	2.4	82	7	3.3	0.00
23/07/2023 21:50	2.4	83	10	3.4	0.00
23/07/2023 22:00	1.9	86	8	2.4	0.00
23/07/2023 22:10	2.3	84	10	3.2	0.00
23/07/2023 22:20	2.8	89	11	3.7	0.00
23/07/2023 22:30	2.8	90	12	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 22:40	3.5	89	12	4.9	0.00
23/07/2023 22:50	3.9	84	11	5.3	0.00
23/07/2023 23:00	4.1	82	11	5.2	0.00
23/07/2023 23:10	4.2	89	11	5.9	0.00
23/07/2023 23:20	4.5	87	10	6.6	0.00
23/07/2023 23:30	3.9	92	10	5.6	0.00
23/07/2023 23:40	4.0	85	11	5.8	0.00
23/07/2023 23:50	4.1	87	12	5.9	0.00
24/07/2023 00:00	4.3	89	12	6.2	0.00
24/07/2023 00:10	5.2	90	11	7.5	0.00
24/07/2023 00:20	5.7	87	11	8.2	0.00
24/07/2023 00:30	5.5	88	11	7.7	0.00
24/07/2023 00:40	5.2	89	11	7.3	0.00
24/07/2023 00:50	6.0	88	12	9.8	0.00
24/07/2023 01:00	5.9	88	13	8.2	0.00
24/07/2023 01:10	6.5	85	12	9.4	0.00
24/07/2023 01:20	5.6	88	13	8.3	0.00
24/07/2023 01:30	5.1	92	12	7.2	0.00
24/07/2023 01:40	5.3	93	13	7.2	0.00
24/07/2023 01:50	5.8	93	13	7.9	0.00
24/07/2023 02:00	6.0	92	13	9.1	0.00
24/07/2023 02:10	5.8	88	13	8.2	0.00
24/07/2023 02:20	5.7	88	12	7.9	0.00
24/07/2023 02:30	5.5	90	13	7.5	0.00
24/07/2023 02:40	5.9	92	13	8.7	0.00
24/07/2023 02:50	7.0	88	12	9.9	0.00
24/07/2023 03:00	5.3	93	11	7.4	0.00
24/07/2023 03:10	5.5	98	11	7.6	0.00
24/07/2023 03:20	5.3	100	13	7.6	0.00
24/07/2023 03:30	4.6	96	14	6.8	0.00
24/07/2023 03:40	4.6	95	11	7.2	0.00
24/07/2023 03:50	4.5	93	12	6.4	0.00
24/07/2023 04:00	4.2	93	11	6.0	0.00
24/07/2023 04:10	4.7	97	11	6.9	0.00
24/07/2023 04:20	5.2	97	12	7.3	0.00
24/07/2023 04:30	4.7	97	14	6.9	0.00
24/07/2023 04:40	5.2	99	12	7.0	0.00
24/07/2023 04:50	4.9	97	13	7.5	0.00
24/07/2023 05:00	5.1	97	13	7.1	0.00
24/07/2023 05:10	4.9	93	13	7.4	0.00
24/07/2023 05:20	4.5	95	14	7.0	0.00
24/07/2023 05:30	4.7	98	12	6.9	0.00
24/07/2023 05:40	4.7	96	11	7.7	0.00
24/07/2023 05:50	5.3	93	13	8.2	0.00
24/07/2023 06:00	5.7	93	13	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 06:10	4.9	95	16	7.2	0.00
24/07/2023 06:20	5.4	94	12	7.8	0.00
24/07/2023 06:30	5.2	93	12	7.4	0.00
24/07/2023 06:40	6.3	93	12	9.3	0.00
24/07/2023 06:50	7.2	86	11	10.3	0.00
24/07/2023 07:00	7.0	88	12	9.3	0.00
24/07/2023 07:10	8.1	86	10	11.1	0.00
24/07/2023 07:20	6.8	87	11	10.0	0.00
24/07/2023 07:30	7.2	88	13	9.9	0.00
24/07/2023 07:40	7.3	88	12	10.3	0.00
24/07/2023 07:50	7.4	88	13	9.9	0.00
24/07/2023 08:00	7.6	89	13	10.3	0.00
24/07/2023 08:10	7.4	90	12	10.7	0.00
24/07/2023 08:20	7.2	91	13	9.5	0.00
24/07/2023 08:30	7.3	93	13	10.0	0.00
24/07/2023 08:40	7.3	92	12	10.8	0.00
24/07/2023 08:50	6.9	92	12	10.2	0.00
24/07/2023 09:00	7.2	96	13	10.3	0.00
24/07/2023 09:10	7.2	97	13	10.8	0.00
24/07/2023 09:20	6.6	88	12	9.1	0.00
24/07/2023 09:30	7.7	88	12	11.4	0.00
24/07/2023 09:40	9.1	87	12	13.4	0.00
24/07/2023 09:50	9.9	89	10	13.4	0.00
24/07/2023 10:00	8.9	87	12	12.5	0.00
24/07/2023 10:10	9.5	89	13	13.2	0.00
24/07/2023 10:20	9.4	82	11	12.5	0.00
24/07/2023 10:30	9.7	83	12	13.5	0.00
24/07/2023 10:40	8.9	85	13	12.3	0.00
24/07/2023 10:50	8.5	84	12	12.1	0.00
24/07/2023 11:00	8.6	83	12	13.1	0.00
24/07/2023 11:10	9.3	87	12	12.5	0.00
24/07/2023 11:20	9.5	85	11	12.8	0.00
24/07/2023 11:30	8.7	82	12	12.3	0.00
24/07/2023 11:40	8.3	84	11	12.0	0.00
24/07/2023 11:50	7.5	85	12	11.1	0.00
24/07/2023 12:00	7.6	83	12	10.6	0.00
24/07/2023 12:10	8.6	78	13	11.7	0.00
24/07/2023 12:20	8.6	80	11	11.9	0.00
24/07/2023 12:30	8.9	81	11	12.5	0.00
24/07/2023 12:40	9.3	77	12	12.6	0.00
24/07/2023 12:50	8.4	78	11	11.5	0.00
24/07/2023 13:00	7.6	80	12	10.6	0.00
24/07/2023 13:10	7.5	81	12	10.7	0.00
24/07/2023 13:20	7.9	80	12	10.9	0.00
24/07/2023 13:30	7.7	84	12	11.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 13:40	7.6	81	12	10.4	0.00
24/07/2023 13:50	8.0	79	13	10.8	0.00
24/07/2023 14:00	7.6	78	9	10.0	0.00
24/07/2023 14:10	7.4	80	13	10.4	0.00
24/07/2023 14:20	7.2	82	11	10.1	0.00
24/07/2023 14:30	7.8	83	10	11.0	0.00
24/07/2023 14:40	7.4	83	9	9.9	0.00
24/07/2023 14:50	7.2	79	12	10.1	0.00
24/07/2023 15:00	8.2	75	10	11.0	0.00
24/07/2023 15:10	7.2	69	13	10.4	0.00
24/07/2023 15:20	8.2	72	12	11.5	0.00
24/07/2023 15:30	8.1	65	11	10.7	0.00
24/07/2023 15:40	8.1	65	12	10.9	0.00
24/07/2023 15:50	7.2	65	11	10.2	0.00
24/07/2023 16:00	6.6	61	14	9.3	0.00
24/07/2023 16:10	6.2	55	13	8.3	0.00
24/07/2023 16:20	6.3	55	12	8.7	0.00
24/07/2023 16:30	6.3	61	12	8.5	0.00
24/07/2023 16:40	5.7	56	14	8.1	0.00
24/07/2023 16:50	5.7	45	13	7.7	0.00
24/07/2023 17:00	5.5	46	11	7.8	0.00
24/07/2023 17:10	5.6	46	13	7.5	0.00
24/07/2023 17:20	5.0	48	13	6.6	0.00
24/07/2023 17:30	5.2	50	14	6.8	0.00
24/07/2023 17:40	4.5	53	12	6.2	0.00
24/07/2023 17:50	4.7	58	15	6.5	0.00
24/07/2023 18:00	3.8	57	13	5.8	0.00
24/07/2023 18:10	3.7	58	12	4.9	0.00
24/07/2023 18:20	3.4	62	12	4.5	0.00
24/07/2023 18:30	3.7	58	12	5.5	0.00
24/07/2023 18:40	3.5	60	11	5.2	0.00
24/07/2023 18:50	3.3	62	11	4.5	0.00
24/07/2023 19:00	3.0	63	10	4.0	0.00
24/07/2023 19:10	2.9	62	11	4.0	0.00
24/07/2023 19:20	2.3	64	12	3.0	0.00
24/07/2023 19:30	2.3	64	10	3.1	0.00
24/07/2023 19:40	2.0	64	8	2.6	0.00
24/07/2023 19:50	2.0	61	11	2.8	0.00
24/07/2023 20:00	2.1	61	10	3.0	0.00
24/07/2023 20:10	2.4	61	10	3.5	0.00
24/07/2023 20:20	1.9	63	8	2.7	0.00
24/07/2023 20:30	1.6	61	8	2.0	0.00
24/07/2023 20:40	1.2	66	9	1.6	0.00
24/07/2023 20:50	0.4	76	11	1.0	0.00
24/07/2023 21:00	0.6	69	12	1.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 21:10	1.5	54	6	1.7	0.00
24/07/2023 21:20	1.4	51	6	1.7	0.00
24/07/2023 21:30	1.7	47	5	2.0	0.00
24/07/2023 21:40	1.6	49	6	1.9	0.00
24/07/2023 21:50	1.4	57	7	1.8	0.00
24/07/2023 22:00	1.2	58	10	1.5	0.00
24/07/2023 22:10	0.4	55	10	1.0	0.00
24/07/2023 22:20	0.6	55	15	1.1	0.00
24/07/2023 22:30	0.4	33	16	0.9	0.00
24/07/2023 22:40					0.00
24/07/2023 22:50	0.1	41	11	0.8	0.00
24/07/2023 23:00	0.2	80	11	1.5	0.00
24/07/2023 23:10	0.1	77	10	0.8	0.00
24/07/2023 23:20					0.00
24/07/2023 23:30					0.00
24/07/2023 23:40					0.00
24/07/2023 23:50	0.1	92	4	1.2	0.00
25/07/2023 00:00	0.0	81	0	0.4	0.00
25/07/2023 00:10	0.2	96	6	1.7	0.00
25/07/2023 00:20	0.9	96	12	2.1	0.00
25/07/2023 00:30	1.9	98	8	2.8	0.00
25/07/2023 00:40	2.1	96	9	2.9	0.00
25/07/2023 00:50	2.5	97	10	3.2	0.00
25/07/2023 01:00	2.5	101	7	3.1	0.00
25/07/2023 01:10	2.5	101	8	3.2	0.00
25/07/2023 01:20	2.4	101	8	3.0	0.00
25/07/2023 01:30	2.3	98	7	2.8	0.00
25/07/2023 01:40	2.6	105	6	3.4	0.00
25/07/2023 01:50	1.9	102	6	2.4	0.00
25/07/2023 02:00	2.2	100	7	2.8	0.00
25/07/2023 02:10	1.0	101	5	1.9	0.00
25/07/2023 02:20	0.7	79	7	1.8	0.00
25/07/2023 02:30	1.6	74	8	2.5	0.00
25/07/2023 02:40	1.0	72	10	2.7	0.00
25/07/2023 02:50	1.5	78	11	2.8	0.00
25/07/2023 03:00	0.6	87	11	2.2	0.00
25/07/2023 03:10	1.7	91	13	3.4	0.00
25/07/2023 03:20	1.4	90	12	3.0	0.00
25/07/2023 03:30	1.5	100	10	3.0	0.00
25/07/2023 03:40	2.3	99	14	3.6	0.00
25/07/2023 03:50	2.6	92	10	3.6	0.00
25/07/2023 04:00	3.4	91	11	4.8	0.00
25/07/2023 04:10	3.1	94	10	4.4	0.00
25/07/2023 04:20	3.3	96	13	4.4	0.00
25/07/2023 04:30	3.7	87	14	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 04:40	3.4	87	11	4.7	0.00
25/07/2023 04:50	3.4	89	11	5.0	0.00
25/07/2023 05:00	4.3	86	12	5.6	0.00
25/07/2023 05:10	4.3	89	11	5.8	0.00
25/07/2023 05:20	4.5	89	12	6.9	0.00
25/07/2023 05:30	5.3	86	11	7.2	0.00
25/07/2023 05:40	5.8	86	12	8.1	0.00
25/07/2023 05:50	5.5	88	12	8.2	0.00
25/07/2023 06:00	5.1	86	10	7.2	0.00
25/07/2023 06:10	5.1	87	11	7.2	0.00
25/07/2023 06:20	5.0	87	11	6.8	0.00
25/07/2023 06:30	4.9	85	10	7.2	0.00
25/07/2023 06:40	4.9	85	12	6.6	0.00
25/07/2023 06:50	4.9	87	12	6.9	0.00
25/07/2023 07:00	5.0	87	12	7.0	0.00
25/07/2023 07:10	4.7	86	11	6.9	0.00
25/07/2023 07:20	4.5	85	11	6.4	0.00
25/07/2023 07:30	5.2	85	11	7.7	0.00
25/07/2023 07:40	6.0	86	12	7.9	0.00
25/07/2023 07:50	6.0	89	11	8.1	0.00
25/07/2023 08:00	6.0	86	14	7.9	0.00
25/07/2023 08:10	5.7	89	13	8.3	0.00
25/07/2023 08:20	6.0	89	11	9.0	0.00
25/07/2023 08:30	5.2	93	12	8.2	0.00
25/07/2023 08:40	5.7	95	13	7.9	0.00
25/07/2023 08:50	6.0	93	14	8.1	0.00
25/07/2023 09:00	5.8	90	12	8.4	0.00
25/07/2023 09:10	6.3	86	11	9.9	0.00
25/07/2023 09:20	7.6	87	10	11.5	0.00
25/07/2023 09:30	7.8	85	11	10.3	0.00
25/07/2023 09:40	8.1	88	11	11.5	0.00
25/07/2023 09:50	7.7	84	11	11.5	0.00
25/07/2023 10:00	8.5	88	11	11.2	0.00
25/07/2023 10:10	8.2	82	13	11.5	0.00
25/07/2023 10:20	8.4	87	11	11.5	0.00
25/07/2023 10:30	6.7	86	13	9.3	0.00
25/07/2023 10:40	6.4	87	13	9.9	0.00
25/07/2023 10:50	6.9	82	13	10.1	0.00
25/07/2023 11:00	6.7	85	12	9.8	0.00
25/07/2023 11:10	6.9	80	13	9.8	0.00
25/07/2023 11:20	7.8	78	9	11.1	0.00
25/07/2023 11:30	7.5	79	11	10.7	0.00
25/07/2023 11:40	7.5	74	11	9.9	0.00
25/07/2023 11:50	7.5	74	11	10.2	0.00
25/07/2023 12:00	7.7	78	12	10.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 12:10	6.7	80	12	9.8	0.00
25/07/2023 12:20	7.6	80	11	9.7	0.00
25/07/2023 12:30	7.5	77	10	9.8	0.00
25/07/2023 12:40	7.6	83	12	9.9	0.00
25/07/2023 12:50	7.9	84	11	10.7	0.00
25/07/2023 13:00	7.5	87	11	10.4	0.00
25/07/2023 13:10	7.8	83	11	9.9	0.00
25/07/2023 13:20	7.3	82	11	10.3	0.00
25/07/2023 13:30	7.6	85	10	9.6	0.00
25/07/2023 13:40	7.2	88	13	9.1	0.00
25/07/2023 13:50	7.2	84	11	9.5	0.00
25/07/2023 14:00	7.3	82	12	9.6	0.00
25/07/2023 14:10	7.1	83	12	9.4	0.00
25/07/2023 14:20	6.8	80	11	10.0	0.00
25/07/2023 14:30	6.8	83	12	9.3	0.00
25/07/2023 14:40	6.8	88	12	9.1	0.00
25/07/2023 14:50	6.7	84	11	9.1	0.00
25/07/2023 15:00	6.1	85	11	8.3	0.00
25/07/2023 15:10	6.4	87	12	8.3	0.00
25/07/2023 15:20	5.7	84	13	7.9	0.00
25/07/2023 15:30	6.4	82	11	8.6	0.00
25/07/2023 15:40	5.7	88	11	7.8	0.00
25/07/2023 15:50	6.0	85	12	8.3	0.00
25/07/2023 16:00	6.1	88	11	7.8	0.00
25/07/2023 16:10	5.8	89	11	7.5	0.00
25/07/2023 16:20	5.4	87	11	7.3	0.00
25/07/2023 16:30	5.1	82	12	7.2	0.00
25/07/2023 16:40	5.4	84	12	7.2	0.00
25/07/2023 16:50	5.4	85	11	7.5	0.00
25/07/2023 17:00	5.3	80	10	6.8	0.00
25/07/2023 17:10	5.2	82	11	7.0	0.00
25/07/2023 17:20	5.0	85	12	6.9	0.00
25/07/2023 17:30	5.5	80	9	7.1	0.00
25/07/2023 17:40	4.6	88	9	6.4	0.00
25/07/2023 17:50	4.8	91	11	6.2	0.00
25/07/2023 18:00	4.2	89	11	5.7	0.00
25/07/2023 18:10	4.4	92	11	6.0	0.00
25/07/2023 18:20	4.0	90	11	5.2	0.00
25/07/2023 18:30	3.8	90	12	4.8	0.00
25/07/2023 18:40	3.9	93	12	5.3	0.00
25/07/2023 18:50	3.7	94	12	5.2	0.00
25/07/2023 19:00	3.8	90	11	5.2	0.00
25/07/2023 19:10	3.7	96	10	5.1	0.00
25/07/2023 19:20	4.0	101	10	5.4	0.00
25/07/2023 19:30	3.5	99	10	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 19:40	3.4	100	8	4.4	0.00
25/07/2023 19:50	3.2	100	9	4.4	0.00
25/07/2023 20:00	2.7	98	9	3.8	0.00
25/07/2023 20:10	2.6	98	12	3.7	0.00
25/07/2023 20:20	2.3	100	9	3.6	0.00
25/07/2023 20:30	2.2	96	8	3.4	0.00
25/07/2023 20:40	2.0	96	9	3.3	0.00
25/07/2023 20:50	2.0	96	9	2.9	0.00
25/07/2023 21:00	2.1	95	10	3.0	0.00
25/07/2023 21:10	2.0	95	10	3.0	0.00
25/07/2023 21:20	2.0	96	10	2.8	0.00
25/07/2023 21:30	2.2	93	8	3.2	0.00
25/07/2023 21:40	2.2	91	10	3.2	0.00
25/07/2023 21:50	2.6	90	10	3.6	0.00
25/07/2023 22:00	3.0	89	8	3.9	0.00
25/07/2023 22:10	3.6	90	9	4.7	0.00
25/07/2023 22:20	3.7	91	8	4.8	0.00
25/07/2023 22:30	3.5	90	10	4.8	0.00
25/07/2023 22:40	3.9	88	8	5.3	0.00
25/07/2023 22:50	3.6	87	10	4.9	0.00
25/07/2023 23:00	3.8	87	9	5.3	0.00
25/07/2023 23:10	3.9	86	10	5.2	0.00
25/07/2023 23:20	3.7	86	10	5.2	0.00
25/07/2023 23:30	3.9	88	11	5.3	0.00
25/07/2023 23:40	3.8	85	9	5.2	0.00
25/07/2023 23:50	3.5	86	10	4.8	0.00
26/07/2023 00:00	3.6	86	11	4.6	0.00
26/07/2023 00:10	3.6	84	9	5.0	0.00
26/07/2023 00:20	4.0	87	9	5.5	0.00
26/07/2023 00:30	3.9	84	9	5.0	0.00
26/07/2023 00:40	3.4	83	8	4.6	0.00
26/07/2023 00:50	3.2	85	10	4.3	0.00
26/07/2023 01:00	2.8	90	9	4.0	0.00
26/07/2023 01:10	2.7	87	9	3.7	0.00
26/07/2023 01:20	3.1	86	9	3.9	0.00
26/07/2023 01:30	3.0	92	9	4.0	0.00
26/07/2023 01:40	3.1	90	10	4.1	0.00
26/07/2023 01:50	2.9	93	9	4.0	0.00
26/07/2023 02:00	2.8	92	10	3.7	0.00
26/07/2023 02:10	3.1	94	9	4.1	0.00
26/07/2023 02:20	3.6	98	9	4.9	0.00
26/07/2023 02:30	3.5	101	9	4.5	0.00
26/07/2023 02:40	3.6	103	10	4.8	0.00
26/07/2023 02:50	3.5	103	10	4.8	0.00
26/07/2023 03:00	3.4	98	9	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 03:10	3.4	96	10	4.7	0.00
26/07/2023 03:20	3.2	93	10	4.8	0.00
26/07/2023 03:30	3.1	90	11	4.0	0.00
26/07/2023 03:40	3.1	90	10	4.2	0.00
26/07/2023 03:50	2.7	91	9	3.6	0.00
26/07/2023 04:00	2.9	100	8	3.6	0.00
26/07/2023 04:10	2.8	98	9	3.6	0.00
26/07/2023 04:20	2.9	93	10	3.7	0.00
26/07/2023 04:30	3.5	92	10	4.8	0.00
26/07/2023 04:40	3.7	90	10	4.8	0.00
26/07/2023 04:50	3.5	93	9	4.6	0.00
26/07/2023 05:00	3.3	97	10	4.6	0.00
26/07/2023 05:10	3.8	106	10	4.8	0.00
26/07/2023 05:20	3.5	103	10	4.8	0.00
26/07/2023 05:30	3.5	103	10	4.5	0.00
26/07/2023 05:40	3.6	104	9	5.0	0.00
26/07/2023 05:50	3.5	101	8	4.8	0.00
26/07/2023 06:00	3.5	99	10	4.4	0.00
26/07/2023 06:10	3.7	96	11	4.9	0.00
26/07/2023 06:20	3.5	97	11	4.4	0.00
26/07/2023 06:30	4.0	99	9	5.3	0.00
26/07/2023 06:40	3.4	98	9	4.7	0.00
26/07/2023 06:50	3.3	99	10	4.6	0.00
26/07/2023 07:00	3.3	101	9	4.4	0.00
26/07/2023 07:10	3.2	99	11	4.3	0.00
26/07/2023 07:20	3.1	98	10	4.1	0.00
26/07/2023 07:30	3.6	99	10	5.0	0.00
26/07/2023 07:40	3.3	101	9	4.6	0.00
26/07/2023 07:50	3.5	103	11	4.8	0.00
26/07/2023 08:00	3.8	99	10	5.2	0.00
26/07/2023 08:10	4.5	103	10	5.8	0.00
26/07/2023 08:20	4.3	106	12	5.7	0.00
26/07/2023 08:30	4.3	100	11	5.8	0.00
26/07/2023 08:40	4.4	100	11	5.7	0.00
26/07/2023 08:50	4.7	102	10	6.3	0.00
26/07/2023 09:00	5.1	103	10	6.7	0.00
26/07/2023 09:10	5.3	94	12	7.5	0.00
26/07/2023 09:20	5.7	97	10	8.3	0.00
26/07/2023 09:30	5.7	98	13	7.7	0.00
26/07/2023 09:40	5.8	91	12	7.5	0.00
26/07/2023 09:50	6.1	103	9	7.9	0.00
26/07/2023 10:00	5.8	107	11	7.9	0.00
26/07/2023 10:10	5.2	96	13	7.9	0.00
26/07/2023 10:20	6.0	98	11	7.6	0.00
26/07/2023 10:30	5.8	100	11	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 10:40	5.9	90	14	8.3	0.00
26/07/2023 10:50	5.8	92	12	7.9	0.00
26/07/2023 11:00	6.6	97	10	9.1	0.00
26/07/2023 11:10	6.4	101	11	8.0	0.00
26/07/2023 11:20	6.2	99	11	8.3	0.00
26/07/2023 11:30	5.9	96	12	8.5	0.00
26/07/2023 11:40	5.7	87	13	7.7	0.00
26/07/2023 11:50	6.0	83	10	8.1	0.00
26/07/2023 12:00	6.4	88	11	8.5	0.00
26/07/2023 12:10	6.4	85	10	8.2	0.00
26/07/2023 12:20	6.1	90	11	8.3	0.00
26/07/2023 12:30	6.6	85	10	8.4	0.00
26/07/2023 12:40	6.5	87	10	8.6	0.00
26/07/2023 12:50	6.7	86	10	8.7	0.00
26/07/2023 13:00	6.6	85	11	8.5	0.00
26/07/2023 13:10	6.7	87	12	8.7	0.00
26/07/2023 13:20	6.1	86	11	8.3	0.00
26/07/2023 13:30	5.9	88	12	8.3	0.00
26/07/2023 13:40	6.7	88	11	8.7	0.00
26/07/2023 13:50	6.8	89	10	9.0	0.00
26/07/2023 14:00	6.6	90	13	8.4	0.00
26/07/2023 14:10	6.4	89	11	8.9	0.00
26/07/2023 14:20	6.6	82	11	9.1	0.00
26/07/2023 14:30	6.7	84	12	8.9	0.00
26/07/2023 14:40	6.5	84	12	8.8	0.00
26/07/2023 14:50	6.3	89	13	8.3	0.00
26/07/2023 15:00	6.4	88	11	8.3	0.00
26/07/2023 15:10	6.3	83	11	8.5	0.00
26/07/2023 15:20	6.2	82	10	8.3	0.00
26/07/2023 15:30	5.6	90	12	7.9	0.00
26/07/2023 15:40	5.4	90	11	7.1	0.00
26/07/2023 15:50	5.2	83	14	7.7	0.00
26/07/2023 16:00	4.8	79	12	6.8	0.00
26/07/2023 16:10	5.3	81	11	6.8	0.00
26/07/2023 16:20	5.8	76	10	7.5	0.00
26/07/2023 16:30	5.6	77	10	7.5	0.00
26/07/2023 16:40	5.1	80	13	6.7	0.00
26/07/2023 16:50	4.5	81	10	6.4	0.00
26/07/2023 17:00	4.9	85	11	6.5	0.00
26/07/2023 17:10	5.1	84	11	6.9	0.00
26/07/2023 17:20	4.5	84	11	6.3	0.00
26/07/2023 17:30	4.7	86	12	6.2	0.00
26/07/2023 17:40	4.3	85	11	5.5	0.00
26/07/2023 17:50	3.6	85	11	5.1	0.00
26/07/2023 18:00	3.2	85	10	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 18:10	3.3	91	10	5.0	0.00
26/07/2023 18:20	3.4	89	10	5.1	0.00
26/07/2023 18:30	3.3	86	10	4.4	0.00
26/07/2023 18:40	3.0	91	11	4.1	0.00
26/07/2023 18:50	2.7	99	10	3.6	0.00
26/07/2023 19:00	2.8	103	10	3.8	0.00
26/07/2023 19:10	2.6	106	11	3.6	0.00
26/07/2023 19:20	2.6	99	10	3.6	0.00
26/07/2023 19:30	2.3	98	10	3.6	0.00
26/07/2023 19:40	2.1	97	10	2.9	0.00
26/07/2023 19:50	2.2	98	12	3.2	0.00
26/07/2023 20:00	2.7	97	9	3.6	0.00
26/07/2023 20:10	1.9	92	9	3.0	0.00
26/07/2023 20:20	0.9	97	9	2.0	0.00
26/07/2023 20:30	0.0	172	3	0.4	0.00
26/07/2023 20:40	0.0	240	1	0.4	0.00
26/07/2023 20:50	0.0	227	0	0.4	0.00
26/07/2023 21:00	0.0	242	0	0.4	0.00
26/07/2023 21:10	0.0	289	14	0.4	0.00
26/07/2023 21:20	0.0	131	4	0.4	0.00
26/07/2023 21:30	0.1	146	10	0.4	0.00
26/07/2023 21:40	0.0	250	0	0.4	0.00
26/07/2023 21:50	0.0	237	4	0.4	0.00
26/07/2023 22:00	0.9	239	9	2.0	0.10
26/07/2023 22:10	1.1	249	7	2.3	0.00
26/07/2023 22:20	0.1	224	4	0.8	0.00
26/07/2023 22:30	0.0	225	3	0.4	0.00
26/07/2023 22:40	0.0	243	0	0.4	0.00
26/07/2023 22:50	0.0	234	0	0.4	0.00
26/07/2023 23:00	0.0	252	0	0.4	0.00
26/07/2023 23:10					0.10
26/07/2023 23:20	0.0	241	0	0.4	0.20
26/07/2023 23:30					0.00
26/07/2023 23:40					0.00
26/07/2023 23:50					0.00
27/07/2023 00:00					0.00
27/07/2023 00:10	0.0	220	0	0.4	0.00
27/07/2023 00:20	0.0	221	0	0.4	0.00
27/07/2023 00:30	0.0	219	0	0.4	0.00
27/07/2023 00:40					0.00
27/07/2023 00:50					0.00
27/07/2023 01:00					0.00
27/07/2023 01:10	0.0	111	1	0.4	0.00
27/07/2023 01:20	0.1	106	1	0.4	0.00
27/07/2023 01:30	0.5	97	8	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 01:40	0.5	174	5	1.6	0.00
27/07/2023 01:50	1.2	224	15	2.6	0.00
27/07/2023 02:00	0.7	221	14	2.4	0.00
27/07/2023 02:10	0.1	221	6	0.7	0.00
27/07/2023 02:20	0.0	173	1	0.4	0.00
27/07/2023 02:30	0.1	139	5	0.4	0.00
27/07/2023 02:40					0.00
27/07/2023 02:50	0.3	221	10	0.8	0.00
27/07/2023 03:00	0.2	218	9	0.8	0.00
27/07/2023 03:10	0.0	226	3	0.5	0.00
27/07/2023 03:20	0.1	239	4	0.6	0.00
27/07/2023 03:30	0.6	224	11	1.6	0.00
27/07/2023 03:40	0.5	226	13	1.8	0.00
27/07/2023 03:50	0.3	225	11	1.2	0.00
27/07/2023 04:00	0.1	214	8	0.5	0.00
27/07/2023 04:10	0.3	224	15	0.8	0.00
27/07/2023 04:20	0.3	230	12	1.0	0.00
27/07/2023 04:30	0.2	236	11	0.7	0.00
27/07/2023 04:40	0.7	241	17	1.9	0.00
27/07/2023 04:50	0.8	218	24	1.9	0.00
27/07/2023 05:00	0.6	219	17	1.7	0.00
27/07/2023 05:10	0.2	221	16	0.8	0.00
27/07/2023 05:20	0.0	234	4	0.4	0.00
27/07/2023 05:30	0.0	214	0	0.4	0.00
27/07/2023 05:40	0.0	241	8	0.4	0.00
27/07/2023 05:50	0.1	220	12	0.6	0.00
27/07/2023 06:00	0.1	153	10	0.4	0.00
27/07/2023 06:10	0.1	139	13	0.7	0.00
27/07/2023 06:20	0.1	140	6	0.4	0.00
27/07/2023 06:30	0.0	135	5	0.4	0.00
27/07/2023 06:40	0.0	98	5	0.4	0.00
27/07/2023 06:50	0.0	74	1	0.4	0.00
27/07/2023 07:00	0.1	83	3	0.5	0.00
27/07/2023 07:10	0.3	98	7	1.1	0.00
27/07/2023 07:20	0.3	98	5	1.2	0.00
27/07/2023 07:30	0.4	97	7	1.7	0.00
27/07/2023 07:40	1.1	111	7	2.0	0.00
27/07/2023 07:50	0.2	117	5	1.3	0.00
27/07/2023 08:00	0.2	104	4	1.6	0.00
27/07/2023 08:10	1.2	105	14	1.7	0.00
27/07/2023 08:20	2.1	120	10	2.9	0.00
27/07/2023 08:30	2.1	122	13	2.8	0.00
27/07/2023 08:40	1.4	118	16	2.0	0.00
27/07/2023 08:50	1.9	135	18	2.6	0.00
27/07/2023 09:00	2.1	124	17	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 09:10	2.1	134	15	2.8	0.00
27/07/2023 09:20	2.6	125	14	4.0	0.00
27/07/2023 09:30	2.7	127	15	4.1	0.00
27/07/2023 09:40	3.3	118	15	4.8	0.00
27/07/2023 09:50	3.1	127	15	4.8	0.00
27/07/2023 10:00	2.7	115	16	4.1	0.00
27/07/2023 10:10	2.9	109	15	4.1	0.00
27/07/2023 10:20	3.1	112	16	4.3	0.00
27/07/2023 10:30	3.0	120	16	4.4	0.00
27/07/2023 10:40	3.4	104	14	4.8	0.00
27/07/2023 10:50	3.4	97	11	4.3	0.00
27/07/2023 11:00	2.9	101	16	4.5	0.00
27/07/2023 11:10	2.7	110	19	4.0	0.00
27/07/2023 11:20	3.3	114	12	4.7	0.00
27/07/2023 11:30	2.9	122	17	4.0	0.00
27/07/2023 11:40	2.9	115	16	4.3	0.00
27/07/2023 11:50	3.2	116	15	4.4	0.00
27/07/2023 12:00	2.9	115	13	4.5	0.00
27/07/2023 12:10	3.0	109	15	4.3	0.00
27/07/2023 12:20	3.3	117	15	4.8	0.00
27/07/2023 12:30	3.2	105	13	4.4	0.00
27/07/2023 12:40	2.8	107	17	3.7	0.00
27/07/2023 12:50	2.1	101	17	2.9	0.00
27/07/2023 13:00	2.2	112	16	3.4	0.00
27/07/2023 13:10	2.4	116	13	3.2	0.00
27/07/2023 13:20	2.4	85	12	3.3	0.00
27/07/2023 13:30	2.6	86	15	3.9	0.00
27/07/2023 13:40	2.4	91	19	4.0	0.00
27/07/2023 13:50	2.4	86	15	4.0	0.00
27/07/2023 14:00	2.5	74	14	3.8	0.00
27/07/2023 14:10	2.7	55	13	3.6	0.00
27/07/2023 14:20	2.8	61	12	4.0	0.00
27/07/2023 14:30	2.8	58	16	3.8	0.00
27/07/2023 14:40	2.8	63	13	3.9	0.00
27/07/2023 14:50	2.6	68	11	3.6	0.00
27/07/2023 15:00	2.3	62	13	3.2	0.00
27/07/2023 15:10	2.2	55	17	3.1	0.00
27/07/2023 15:20	2.1	47	15	3.0	0.00
27/07/2023 15:30	1.9	70	15	2.7	0.00
27/07/2023 15:40	2.0	65	15	3.0	0.00
27/07/2023 15:50	2.1	62	15	2.7	0.00
27/07/2023 16:00	1.7	211	28	2.8	0.00
27/07/2023 16:10	2.5	297	15	3.5	0.00
27/07/2023 16:20	2.3	296	21	3.2	0.00
27/07/2023 16:30	2.1	278	15	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 16:40	1.9	295	19	3.1	0.00
27/07/2023 16:50	1.7	285	40	2.8	0.00
27/07/2023 17:00	1.1	318	16	1.9	0.00
27/07/2023 17:10	1.2	282	32	1.8	0.00
27/07/2023 17:20	1.2	153	13	1.9	0.00
27/07/2023 17:30	1.6	162	27	2.5	0.00
27/07/2023 17:40	1.6	24	17	2.4	0.00
27/07/2023 17:50	2.0	46	13	2.7	0.00
27/07/2023 18:00	1.6	35	19	2.3	0.00
27/07/2023 18:10	1.9	10	20	2.8	0.00
27/07/2023 18:20	1.8	328	18	2.8	0.00
27/07/2023 18:30	2.4	168	21	3.6	0.00
27/07/2023 18:40	3.2	18	18	4.7	0.00
27/07/2023 18:50	2.9	10	18	4.0	0.00
27/07/2023 19:00	2.9	12	17	4.1	0.00
27/07/2023 19:10	2.9	17	19	4.2	0.00
27/07/2023 19:20	1.9	338	25	3.2	0.00
27/07/2023 19:30	2.4	325	17	3.4	0.00
27/07/2023 19:40	2.9	327	14	4.2	0.00
27/07/2023 19:50	2.5	314	19	3.6	0.00
27/07/2023 20:00	2.4	311	15	3.6	0.00
27/07/2023 20:10	2.0	315	19	3.5	0.00
27/07/2023 20:20	1.6	297	20	2.5	0.00
27/07/2023 20:30	1.3	274	22	2.4	0.00
27/07/2023 20:40	1.6	259	13	2.3	0.00
27/07/2023 20:50	1.2	262	14	1.9	0.00
27/07/2023 21:00	1.6	259	11	2.4	0.00
27/07/2023 21:10	1.8	257	8	2.3	0.00
27/07/2023 21:20	0.9	249	5	1.9	0.00
27/07/2023 21:30	0.0	245	1	1.1	0.00
27/07/2023 21:40	0.4	251	3	1.2	0.00
27/07/2023 21:50	0.0	241	2	0.6	0.00
27/07/2023 22:00	0.1	232	5	0.6	0.00
27/07/2023 22:10	0.2	243	5	0.5	0.00
27/07/2023 22:20	0.4	246	8	1.2	0.00
27/07/2023 22:30	0.6	241	9	1.2	0.00
27/07/2023 22:40	0.7	245	10	1.2	0.00
27/07/2023 22:50	0.9	248	8	1.6	0.00
27/07/2023 23:00	1.0	245	8	1.4	0.00
27/07/2023 23:10	1.3	246	8	1.9	0.00
27/07/2023 23:20	1.3	246	8	1.7	0.00
27/07/2023 23:30	1.2	249	8	1.6	0.00
27/07/2023 23:40	1.4	249	8	1.8	0.00
27/07/2023 23:50	1.2	253	7	1.6	0.00
28/07/2023 00:00	1.1	256	7	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 00:10	0.5	258	6	1.0	0.00
28/07/2023 00:20	0.5	260	6	1.7	0.00
28/07/2023 00:30	1.6	254	7	2.3	0.00
28/07/2023 00:40	1.1	267	9	1.4	0.00
28/07/2023 00:50	1.1	269	7	1.3	0.00
28/07/2023 01:00	1.5	264	7	1.9	0.00
28/07/2023 01:10	1.2	262	6	1.6	0.00
28/07/2023 01:20	1.5	261	6	1.8	0.00
28/07/2023 01:30	1.0	266	7	1.2	0.00
28/07/2023 01:40	1.0	275	7	1.3	0.00
28/07/2023 01:50	1.0	272	7	1.3	0.00
28/07/2023 02:00	1.0	264	7	1.3	0.00
28/07/2023 02:10	0.1	262	3	0.6	0.00
28/07/2023 02:20	0.4	263	6	1.0	0.00
28/07/2023 02:30	0.1	274	3	0.8	0.00
28/07/2023 02:40					0.00
28/07/2023 02:50					0.00
28/07/2023 03:00					0.00
28/07/2023 03:10					0.00
28/07/2023 03:20					0.00
28/07/2023 03:30					0.00
28/07/2023 03:40					0.00
28/07/2023 03:50					0.00
28/07/2023 04:00					0.00
28/07/2023 04:10	0.0	74	0	0.4	0.00
28/07/2023 04:20					0.00
28/07/2023 04:30					0.00
28/07/2023 04:40	0.0	304	0	0.4	0.00
28/07/2023 04:50					0.00
28/07/2023 05:00					0.00
28/07/2023 05:10					0.00
28/07/2023 05:20	0.6	100	6	1.9	0.00
28/07/2023 05:30	2.3	100	11	3.6	0.00
28/07/2023 05:40	3.4	99	10	4.4	0.00
28/07/2023 05:50	3.1	106	8	4.0	0.00
28/07/2023 06:00	2.4	95	10	3.0	0.00
28/07/2023 06:10	2.1	93	8	2.8	0.00
28/07/2023 06:20	1.9	89	9	2.8	0.00
28/07/2023 06:30	1.5	93	8	2.6	0.00
28/07/2023 06:40	0.6	94	8	1.3	0.00
28/07/2023 06:50	0.5	99	9	0.9	0.00
28/07/2023 07:00	0.5	88	10	1.1	0.00
28/07/2023 07:10	1.0	94	11	2.1	0.00
28/07/2023 07:20	1.6	93	10	2.6	0.00
28/07/2023 07:30	2.1	91	12	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 07:40	2.1	103	12	3.2	0.00
28/07/2023 07:50	2.1	108	12	3.0	0.00
28/07/2023 08:00	2.5	112	14	3.7	0.00
28/07/2023 08:10	2.5	105	11	3.7	0.00
28/07/2023 08:20	2.7	102	12	3.6	0.00
28/07/2023 08:30	3.6	103	11	4.8	0.00
28/07/2023 08:40	3.7	106	13	5.2	0.00
28/07/2023 08:50	3.7	117	13	5.0	0.00
28/07/2023 09:00	4.0	112	15	5.6	0.00
28/07/2023 09:10	4.4	115	13	6.3	0.00
28/07/2023 09:20	4.1	122	13	5.5	0.00
28/07/2023 09:30	4.5	111	16	6.6	0.00
28/07/2023 09:40	5.3	98	13	7.2	0.00
28/07/2023 09:50	4.8	105	13	6.8	0.00
28/07/2023 10:00	5.0	101	13	7.2	0.00
28/07/2023 10:10	4.6	98	12	6.2	0.00
28/07/2023 10:20	5.2	101	12	6.8	0.00
28/07/2023 10:30	5.3	102	11	7.1	0.00
28/07/2023 10:40	4.9	106	12	6.6	0.00
28/07/2023 10:50	4.7	92	13	6.7	0.00
28/07/2023 11:00	5.0	106	12	6.5	0.00
28/07/2023 11:10	5.0	104	11	6.4	0.00
28/07/2023 11:20	4.3	95	17	5.7	0.00
28/07/2023 11:30	4.5	89	13	6.3	0.00
28/07/2023 11:40	4.4	100	15	6.0	0.00
28/07/2023 11:50	4.4	87	16	5.6	0.00
28/07/2023 12:00	4.7	80	12	6.6	0.00
28/07/2023 12:10	5.0	77	11	6.4	0.00
28/07/2023 12:20	5.0	82	13	6.7	0.00
28/07/2023 12:30	5.2	82	10	7.5	0.00
28/07/2023 12:40	4.8	79	13	6.9	0.00
28/07/2023 12:50	5.0	80	14	6.7	0.00
28/07/2023 13:00	4.7	79	13	6.4	0.00
28/07/2023 13:10	4.8	79	11	6.8	0.00
28/07/2023 13:20	4.7	85	12	6.1	0.00
28/07/2023 13:30	4.5	82	13	6.2	0.00
28/07/2023 13:40	4.7	82	15	6.4	0.00
28/07/2023 13:50	4.7	84	13	6.0	0.00
28/07/2023 14:00	4.6	84	12	6.4	0.00
28/07/2023 14:10	4.6	78	14	6.2	0.00
28/07/2023 14:20	4.4	86	14	6.1	0.00
28/07/2023 14:30	4.3	85	13	6.0	0.00
28/07/2023 14:40	4.2	88	13	5.8	0.00
28/07/2023 14:50	4.0	87	15	5.6	0.00
28/07/2023 15:00	4.1	85	12	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 15:10	4.2	76	12	5.6	0.00
28/07/2023 15:20	4.3	76	14	5.5	0.00
28/07/2023 15:30	3.4	63	14	4.9	0.00
28/07/2023 15:40	3.8	72	13	5.4	0.00
28/07/2023 15:50	3.5	80	13	4.8	0.00
28/07/2023 16:00	3.2	76	16	4.4	0.00
28/07/2023 16:10	3.3	66	14	4.4	0.00
28/07/2023 16:20	2.8	53	15	4.0	0.00
28/07/2023 16:30	1.8	186	30	3.1	0.00
28/07/2023 16:40	1.8	350	25	2.8	0.00
28/07/2023 16:50	1.4	7	32	2.4	0.00
28/07/2023 17:00	1.3	191	28	2.1	0.00
28/07/2023 17:10	0.9	13	25	1.9	0.00
28/07/2023 17:20	1.4	11	24	2.0	0.00
28/07/2023 17:30	1.2	25	23	1.7	0.00
28/07/2023 17:40	1.2	185	23	2.0	0.00
28/07/2023 17:50	1.5	23	37	2.4	0.00
28/07/2023 18:00	1.4	326	33	2.3	0.00
28/07/2023 18:10	1.5	330	21	2.2	0.00
28/07/2023 18:20	2.0	308	22	2.9	0.00
28/07/2023 18:30	1.9	303	18	2.8	0.00
28/07/2023 18:40	1.6	297	22	2.6	0.00
28/07/2023 18:50	0.4	322	31	1.5	0.00
28/07/2023 19:00	0.7	314	18	1.3	0.00
28/07/2023 19:10					0.00
28/07/2023 19:20					0.00
28/07/2023 19:30	0.3	33	15	1.0	0.00
28/07/2023 19:40	0.6	28	17	1.1	0.00
28/07/2023 19:50	0.7	331	6	1.1	0.00
28/07/2023 20:00	0.5	309	6	0.9	0.00
28/07/2023 20:10					0.00
28/07/2023 20:20					0.00
28/07/2023 20:30					0.00
28/07/2023 20:40	1.0	249	20	1.4	0.00
28/07/2023 20:50	1.8	233	14	2.5	0.00
28/07/2023 21:00	1.0	254	14	2.2	0.00
28/07/2023 21:10	1.0	256	10	1.9	0.00
28/07/2023 21:20	0.4	62	27	1.6	0.00
28/07/2023 21:30	0.9	141	19	1.6	0.00
28/07/2023 21:40	0.7	274	26	1.4	0.00
28/07/2023 21:50	1.0	240	10	2.0	0.00
28/07/2023 22:00	1.2	226	16	2.3	0.00
28/07/2023 22:10	1.6	244	12	2.3	0.00
28/07/2023 22:20	1.6	256	13	2.5	0.00
28/07/2023 22:30	0.5	222	22	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 22:40	2.1	242	11	3.1	0.00
28/07/2023 22:50	1.4	250	20	2.6	0.00
28/07/2023 23:00	0.7	228	35	1.5	0.00
28/07/2023 23:10	1.5	256	15	2.9	0.00
28/07/2023 23:20	0.8	150	45	1.2	0.00
28/07/2023 23:30	1.2	238	24	2.4	0.00
28/07/2023 23:40	1.5	237	45	2.1	0.00
28/07/2023 23:50	1.3	161	38	2.4	0.00
29/07/2023 00:00	1.2	241	16	1.9	0.00
29/07/2023 00:10	0.3	240	29	1.0	0.00
29/07/2023 00:20	1.0	284	16	1.4	0.00
29/07/2023 00:30	1.1	188	29	1.8	0.00
29/07/2023 00:40	1.5	273	10	1.9	0.00
29/07/2023 00:50	1.2	259	15	2.1	0.00
29/07/2023 01:00	1.4	221	30	2.4	0.00
29/07/2023 01:10	1.2	307	37	1.9	0.00
29/07/2023 01:20	1.1	171	36	1.8	0.00
29/07/2023 01:30	1.2	299	32	2.4	0.00
29/07/2023 01:40	0.9	207	45	1.7	0.00
29/07/2023 01:50	1.4	301	7	1.9	0.00
29/07/2023 02:00	0.6	157	47	1.0	0.00
29/07/2023 02:10	0.9	287	13	1.5	0.00
29/07/2023 02:20	0.7	176	55	1.4	0.00
29/07/2023 02:30	1.3	268	19	2.0	0.00
29/07/2023 02:40	0.6	108	44	1.2	0.00
29/07/2023 02:50	1.0	251	46	1.6	0.00
29/07/2023 03:00	0.8	298	25	1.6	0.00
29/07/2023 03:10	0.4	114	43	1.4	0.00
29/07/2023 03:20	1.0	291	11	1.7	0.00
29/07/2023 03:30	0.2	227	30	0.9	0.00
29/07/2023 03:40	1.0	281	33	2.1	0.00
29/07/2023 03:50	0.7	107	32	1.2	0.00
29/07/2023 04:00	0.6	300	10	1.4	0.00
29/07/2023 04:10	0.9	164	39	1.6	0.00
29/07/2023 04:20	0.8	157	46	1.7	0.00
29/07/2023 04:30	0.9	171	69	1.6	0.00
29/07/2023 04:40	1.1	188	66	2.4	0.00
29/07/2023 04:50	0.7	193	73	1.3	0.00
29/07/2023 05:00	0.6	253	69	1.2	0.00
29/07/2023 05:10	1.1	247	74	1.7	0.00
29/07/2023 05:20	1.1	226	79	2.2	0.00
29/07/2023 05:30	0.6	250	34	1.4	0.00
29/07/2023 05:40	0.6	177	23	1.2	0.00
29/07/2023 05:50	0.8	254	79	1.6	0.00
29/07/2023 06:00	0.8	55	46	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 06:10	1.0	105	53	1.6	0.00
29/07/2023 06:20	2.2	135	27	3.6	0.00
29/07/2023 06:30	1.6	152	36	2.8	0.00
29/07/2023 06:40	1.2	119	66	2.0	0.00
29/07/2023 06:50	1.3	131	72	2.4	0.00
29/07/2023 07:00	2.0	145	21	3.0	0.00
29/07/2023 07:10	1.6	133	21	2.4	0.00
29/07/2023 07:20	2.1	122	16	3.1	0.00
29/07/2023 07:30	2.3	104	15	3.3	0.00
29/07/2023 07:40	3.2	108	11	4.7	0.00
29/07/2023 07:50	3.4	120	13	4.6	0.00
29/07/2023 08:00	3.4	116	10	5.1	0.00
29/07/2023 08:10	3.3	111	12	4.3	0.00
29/07/2023 08:20	3.5	111	10	4.7	0.00
29/07/2023 08:30	3.6	90	11	4.6	0.00
29/07/2023 08:40	3.3	94	13	4.4	0.00
29/07/2023 08:50	4.0	100	10	5.2	0.00
29/07/2023 09:00	4.3	106	12	5.8	0.00
29/07/2023 09:10	4.3	101	12	5.9	0.00
29/07/2023 09:20	4.6	103	11	6.1	0.00
29/07/2023 09:30	4.3	98	12	5.6	0.00
29/07/2023 09:40	4.2	97	12	5.9	0.00
29/07/2023 09:50	4.2	97	10	5.4	0.00
29/07/2023 10:00	4.0	102	13	5.5	0.00
29/07/2023 10:10	3.9	99	12	5.7	0.00
29/07/2023 10:20	4.4	97	11	6.0	0.00
29/07/2023 10:30	4.2	108	11	5.9	0.00
29/07/2023 10:40	4.3	106	13	5.9	0.00
29/07/2023 10:50	5.0	97	11	6.4	0.00
29/07/2023 11:00	4.5	88	13	6.4	0.00
29/07/2023 11:10	4.3	88	13	6.1	0.00
29/07/2023 11:20	4.9	92	13	6.4	0.00
29/07/2023 11:30	4.3	100	15	5.6	0.00
29/07/2023 11:40	4.4	96	14	6.2	0.00
29/07/2023 11:50	4.2	93	11	5.9	0.00
29/07/2023 12:00	4.4	81	16	5.8	0.00
29/07/2023 12:10	4.6	85	11	6.2	0.00
29/07/2023 12:20	4.7	80	11	6.4	0.00
29/07/2023 12:30	5.2	80	11	6.4	0.00
29/07/2023 12:40	4.9	85	12	7.2	0.00
29/07/2023 12:50	5.4	78	11	7.5	0.00
29/07/2023 13:00	5.9	77	11	7.5	0.00
29/07/2023 13:10	5.4	74	12	7.1	0.00
29/07/2023 13:20	5.0	73	13	6.9	0.00
29/07/2023 13:30	4.9	73	15	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 13:40	4.7	72	13	6.3	0.00
29/07/2023 13:50	5.1	72	11	6.8	0.00
29/07/2023 14:00	4.8	72	13	6.8	0.00
29/07/2023 14:10	4.5	75	11	6.0	0.00
29/07/2023 14:20	4.3	69	14	5.6	0.00
29/07/2023 14:30	4.2	76	11	5.2	0.00
29/07/2023 14:40	3.8	60	12	5.0	0.00
29/07/2023 14:50	3.0	67	15	4.5	0.00
29/07/2023 15:00	3.0	68	18	4.5	0.00
29/07/2023 15:10	2.5	65	19	4.0	0.00
29/07/2023 15:20	2.2	63	23	3.2	0.00
29/07/2023 15:30	2.2	71	26	3.3	0.00
29/07/2023 15:40	1.4	54	27	2.4	0.00
29/07/2023 15:50	2.1	176	31	3.4	0.00
29/07/2023 16:00	2.5	336	22	3.8	0.00
29/07/2023 16:10	3.0	301	20	4.5	0.00
29/07/2023 16:20	2.4	329	18	3.3	0.00
29/07/2023 16:30	2.6	173	18	3.7	0.00
29/07/2023 16:40	2.8	3	17	3.7	0.00
29/07/2023 16:50	2.5	355	18	3.6	0.00
29/07/2023 17:00	2.7	349	15	3.9	0.00
29/07/2023 17:10	2.6	181	17	4.1	0.00
29/07/2023 17:20	2.8	10	17	3.7	0.00
29/07/2023 17:30	2.1	16	19	3.2	0.00
29/07/2023 17:40	1.9	8	16	2.7	0.00
29/07/2023 17:50	1.5	344	19	2.3	0.00
29/07/2023 18:00	1.5	334	23	2.5	0.00
29/07/2023 18:10	1.0	314	37	1.9	0.00
29/07/2023 18:20	0.6	314	44	1.3	0.00
29/07/2023 18:30	1.0	128	38	1.5	0.00
29/07/2023 18:40	1.2	47	37	2.1	0.00
29/07/2023 18:50	1.5	9	21	2.4	0.00
29/07/2023 19:00	1.6	279	55	3.6	0.00
29/07/2023 19:10	2.1	284	25	3.7	0.00
29/07/2023 19:20	1.1	124	45	1.6	0.00
29/07/2023 19:30	2.6	243	14	3.6	0.00
29/07/2023 19:40	1.6	256	19	3.0	0.00
29/07/2023 19:50	2.0	243	13	3.2	0.00
29/07/2023 20:00	2.5	246	9	3.3	0.00
29/07/2023 20:10	2.9	258	7	3.5	0.00
29/07/2023 20:20	2.9	254	8	3.6	0.00
29/07/2023 20:30	2.2	239	10	2.8	0.00
29/07/2023 20:40	1.7	220	45	2.7	0.00
29/07/2023 20:50	0.5	48	9	1.2	0.00
29/07/2023 21:00	0.5	268	33	0.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 21:10	0.2	219	11	0.9	0.00
29/07/2023 21:20	1.2	230	7	1.6	0.00
29/07/2023 21:30	1.9	243	9	2.4	0.00
29/07/2023 21:40	1.7	235	11	2.2	0.00
29/07/2023 21:50	1.5	226	16	2.3	0.00
29/07/2023 22:00	1.6	238	20	2.3	0.00
29/07/2023 22:10	2.0	260	12	2.5	0.00
29/07/2023 22:20	2.2	242	11	3.1	0.00
29/07/2023 22:30	2.2	252	9	3.0	0.00
29/07/2023 22:40	1.4	268	12	2.0	0.00
29/07/2023 22:50	1.1	229	53	1.5	0.00
29/07/2023 23:00	2.0	251	14	3.1	0.00
29/07/2023 23:10	2.1	249	16	2.8	0.00
29/07/2023 23:20	2.4	252	10	3.1	0.00
29/07/2023 23:30	3.0	256	8	3.8	0.00
29/07/2023 23:40	2.6	255	10	3.6	0.00
29/07/2023 23:50	2.0	259	9	2.6	0.00
30/07/2023 00:00	2.0	258	8	2.5	0.00
30/07/2023 00:10	2.0	261	7	2.6	0.00
30/07/2023 00:20	2.1	259	8	2.8	0.00
30/07/2023 00:30	1.6	256	10	2.4	0.00
30/07/2023 00:40	1.5	264	10	1.9	0.00
30/07/2023 00:50	1.0	282	10	1.4	0.00
30/07/2023 01:00	1.5	269	9	1.9	0.00
30/07/2023 01:10	0.8	253	10	1.6	0.00
30/07/2023 01:20	1.0	255	22	1.9	0.00
30/07/2023 01:30	0.6	263	5	1.6	0.00
30/07/2023 01:40	1.5	257	8	2.0	0.00
30/07/2023 01:50	0.9	245	11	1.2	0.00
30/07/2023 02:00	0.4	225	13	1.0	0.00
30/07/2023 02:10	0.8	266	13	1.4	0.00
30/07/2023 02:20	0.6	223	16	1.6	0.00
30/07/2023 02:30	1.4	246	20	2.2	0.00
30/07/2023 02:40	1.1	267	30	1.6	0.00
30/07/2023 02:50	0.6	162	32	1.2	0.00
30/07/2023 03:00	1.5	177	52	2.5	0.00
30/07/2023 03:10	1.9	146	38	2.9	0.00
30/07/2023 03:20	2.1	144	15	3.0	0.00
30/07/2023 03:30	2.0	142	15	3.0	0.00
30/07/2023 03:40	2.1	148	23	3.1	0.00
30/07/2023 03:50	2.7	139	20	4.1	0.00
30/07/2023 04:00	2.8	133	25	4.7	0.00
30/07/2023 04:10	3.1	112	13	4.2	0.00
30/07/2023 04:20	2.8	107	7	3.9	0.00
30/07/2023 04:30	2.6	98	9	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 04:40	2.4	91	10	3.3	0.00
30/07/2023 04:50	2.3	85	7	3.2	0.00
30/07/2023 05:00	2.4	88	8	3.0	0.00
30/07/2023 05:10	2.5	85	8	3.1	0.00
30/07/2023 05:20	2.7	93	8	3.6	0.00
30/07/2023 05:30	2.5	91	10	3.4	0.00
30/07/2023 05:40	2.6	85	9	3.3	0.00
30/07/2023 05:50	2.8	81	9	3.5	0.00
30/07/2023 06:00	2.9	84	9	4.0	0.00
30/07/2023 06:10	2.9	87	9	4.2	0.00
30/07/2023 06:20	2.8	83	7	3.6	0.00
30/07/2023 06:30	2.7	84	9	3.5	0.00
30/07/2023 06:40	2.6	84	9	3.6	0.00
30/07/2023 06:50	2.8	90	9	4.0	0.00
30/07/2023 07:00	2.9	92	11	4.4	0.00
30/07/2023 07:10	2.7	95	9	3.7	0.00
30/07/2023 07:20	2.7	91	11	3.7	0.00
30/07/2023 07:30	2.8	96	11	3.4	0.00
30/07/2023 07:40	2.7	97	10	3.4	0.00
30/07/2023 07:50	2.8	96	9	3.8	0.00
30/07/2023 08:00	3.3	99	10	4.5	0.00
30/07/2023 08:10	3.0	96	11	4.6	0.00
30/07/2023 08:20	2.7	103	10	3.5	0.00
30/07/2023 08:30	3.2	102	12	4.7	0.00
30/07/2023 08:40	3.6	100	11	4.6	0.00
30/07/2023 08:50	3.8	97	12	5.2	0.00
30/07/2023 09:00	4.0	95	11	5.6	0.00
30/07/2023 09:10	4.1	99	11	5.4	0.00
30/07/2023 09:20	3.9	99	10	4.9	0.00
30/07/2023 09:30	4.0	101	11	5.6	0.00
30/07/2023 09:40	3.8	104	12	5.2	0.00
30/07/2023 09:50	3.5	99	14	4.8	0.00
30/07/2023 10:00	4.4	106	12	6.1	0.00
30/07/2023 10:10	4.4	105	13	6.1	0.00
30/07/2023 10:20	4.3	110	12	5.7	0.00
30/07/2023 10:30	4.7	117	13	6.8	0.00
30/07/2023 10:40	4.8	112	13	7.0	0.00
30/07/2023 10:50	4.7	115	13	6.3	0.00
30/07/2023 11:00	4.1	120	18	5.9	0.00
30/07/2023 11:10	4.2	109	16	5.8	0.00
30/07/2023 11:20	4.5	102	13	6.7	0.00
30/07/2023 11:30	4.4	98	12	6.7	0.00
30/07/2023 11:40	4.3	96	12	6.3	0.00
30/07/2023 11:50	4.6	111	15	6.4	0.00
30/07/2023 12:00	4.0	94	16	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 12:10	4.7	95	13	6.2	0.00
30/07/2023 12:20	4.4	90	15	6.0	0.00
30/07/2023 12:30	4.2	96	13	6.1	0.00
30/07/2023 12:40	4.3	100	13	5.6	0.00
30/07/2023 12:50	3.6	89	17	5.0	0.00
30/07/2023 13:00	4.4	80	12	5.6	0.00
30/07/2023 13:10	4.3	85	13	5.6	0.00
30/07/2023 13:20	4.8	80	13	6.0	0.00
30/07/2023 13:30	5.1	73	14	6.7	0.00
30/07/2023 13:40	4.7	65	12	6.3	0.00
30/07/2023 13:50	4.4	79	13	6.2	0.00
30/07/2023 14:00	5.1	74	11	6.8	0.00
30/07/2023 14:10	4.6	72	13	6.6	0.00
30/07/2023 14:20	4.6	71	12	6.1	0.00
30/07/2023 14:30	4.9	76	13	6.8	0.00
30/07/2023 14:40	4.3	73	14	5.8	0.00
30/07/2023 14:50	4.6	65	15	6.0	0.00
30/07/2023 15:00	3.9	69	15	5.3	0.00
30/07/2023 15:10	3.3	70	17	4.4	0.00
30/07/2023 15:20	3.3	77	16	4.8	0.00
30/07/2023 15:30	2.7	75	16	4.1	0.00
30/07/2023 15:40	2.7	81	18	3.9	0.00
30/07/2023 15:50	2.8	89	13	4.5	0.00
30/07/2023 16:00	3.2	97	17	4.6	0.00
30/07/2023 16:10	2.7	99	13	3.7	0.00
30/07/2023 16:20	2.5	92	15	3.6	0.00
30/07/2023 16:30	3.0	76	13	4.0	0.00
30/07/2023 16:40	2.8	63	14	4.0	0.00
30/07/2023 16:50	3.0	58	11	4.0	0.00
30/07/2023 17:00	3.1	54	10	4.1	0.00
30/07/2023 17:10	2.9	60	10	4.0	0.00
30/07/2023 17:20	2.6	58	12	3.3	0.00
30/07/2023 17:30	2.8	71	11	4.4	0.00
30/07/2023 17:40	2.1	70	10	2.9	0.00
30/07/2023 17:50	2.0	73	9	3.0	0.00
30/07/2023 18:00	1.6	66	9	2.0	0.00
30/07/2023 18:10	1.7	51	12	2.3	0.00
30/07/2023 18:20	1.9	175	30	3.0	0.00
30/07/2023 18:30	1.7	169	19	3.0	0.00
30/07/2023 18:40	2.3	314	19	3.4	0.00
30/07/2023 18:50	1.8	323	22	3.2	0.00
30/07/2023 19:00	1.3	351	17	2.2	0.00
30/07/2023 19:10	1.6	168	19	2.3	0.00
30/07/2023 19:20	0.9	189	21	1.3	0.00
30/07/2023 19:30	0.4	140	12	1.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 19:40					0.00
30/07/2023 19:50	1.3	247	10	2.0	0.00
30/07/2023 20:00	2.3	249	9	3.0	0.00
30/07/2023 20:10	1.6	261	9	2.1	0.00
30/07/2023 20:20	1.9	256	9	2.5	0.00
30/07/2023 20:30	2.2	245	11	2.8	0.00
30/07/2023 20:40	1.9	247	13	2.6	0.00
30/07/2023 20:50	2.0	248	12	3.0	0.00
30/07/2023 21:00	2.1	246	10	2.7	0.00
30/07/2023 21:10	1.5	246	8	2.0	0.00
30/07/2023 21:20	1.5	257	7	1.9	0.00
30/07/2023 21:30	1.0	250	7	2.2	0.00
30/07/2023 21:40	1.0	258	7	1.9	0.00
30/07/2023 21:50	1.0	274	16	1.8	0.00
30/07/2023 22:00	1.1	135	19	2.5	0.00
30/07/2023 22:10	2.8	255	9	3.7	0.00
30/07/2023 22:20	2.2	243	12	3.2	0.00
30/07/2023 22:30	2.1	246	11	3.0	0.00
30/07/2023 22:40	2.1	251	10	2.7	0.00
30/07/2023 22:50	2.2	257	10	2.6	0.00
30/07/2023 23:00	2.0	250	10	2.6	0.00
30/07/2023 23:10	2.4	249	10	3.4	0.00
30/07/2023 23:20	2.7	252	12	3.9	0.00
30/07/2023 23:30	2.3	246	12	3.1	0.00
30/07/2023 23:40	2.2	255	14	2.8	0.00
30/07/2023 23:50	1.6	245	13	2.2	0.00
31/07/2023 00:00	1.9	246	14	2.5	0.00
31/07/2023 00:10	2.2	263	11	3.2	0.00
31/07/2023 00:20	2.1	247	14	3.3	0.00
31/07/2023 00:30	1.4	249	19	2.3	0.00
31/07/2023 00:40	1.7	261	16	2.8	0.00
31/07/2023 00:50	1.1	234	25	2.0	0.00
31/07/2023 01:00	1.2	242	20	1.7	0.00
31/07/2023 01:10	1.2	225	21	2.0	0.00
31/07/2023 01:20	1.0	226	21	1.6	0.00
31/07/2023 01:30	0.9	266	15	1.2	0.00
31/07/2023 01:40	0.6	280	7	1.2	0.00
31/07/2023 01:50	1.4	87	23	2.0	0.00
31/07/2023 02:00	1.8	86	33	2.8	0.00
31/07/2023 02:10	2.1	90	17	3.1	0.00
31/07/2023 02:20	1.7	105	10	2.2	0.00
31/07/2023 02:30	1.2	103	14	1.7	0.00
31/07/2023 02:40	1.0	92	13	1.6	0.00
31/07/2023 02:50	1.3	90	11	2.0	0.00
31/07/2023 03:00	1.8	92	10	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 03:10	2.1	77	7	2.8	0.00
31/07/2023 03:20	1.8	73	7	2.4	0.00
31/07/2023 03:30	1.8	72	7	2.2	0.00
31/07/2023 03:40	1.8	66	6	2.4	0.00
31/07/2023 03:50	1.8	65	8	2.4	0.00
31/07/2023 04:00	1.7	80	7	2.2	0.00
31/07/2023 04:10	1.7	92	10	2.1	0.00
31/07/2023 04:20	1.6	85	10	2.1	0.00
31/07/2023 04:30	1.5	90	10	2.0	0.00
31/07/2023 04:40	1.5	77	9	2.0	0.00
31/07/2023 04:50	1.7	79	8	2.1	0.00
31/07/2023 05:00	1.6	70	8	1.9	0.00
31/07/2023 05:10	1.9	95	11	2.4	0.00
31/07/2023 05:20	2.2	99	8	2.8	0.00
31/07/2023 05:30	1.8	98	10	2.5	0.00
31/07/2023 05:40	1.8	101	8	2.3	0.00
31/07/2023 05:50	1.8	106	8	2.4	0.00
31/07/2023 06:00	1.6	94	9	2.0	0.00
31/07/2023 06:10	1.8	101	7	2.5	0.00
31/07/2023 06:20	1.7	103	8	2.0	0.00
31/07/2023 06:30	1.8	98	10	2.2	0.00
31/07/2023 06:40	1.8	104	8	2.2	0.00
31/07/2023 06:50	1.6	101	7	2.1	0.00
31/07/2023 07:00	1.8	109	6	2.3	0.00
31/07/2023 07:10	1.7	110	7	2.2	0.00
31/07/2023 07:20	1.9	100	8	2.4	0.00
31/07/2023 07:30	2.2	101	10	3.1	0.00
31/07/2023 07:40	2.5	96	10	3.2	0.00
31/07/2023 07:50	2.2	98	9	2.9	0.00
31/07/2023 08:00	2.2	98	10	2.8	0.00
31/07/2023 08:10	2.8	102	10	3.8	0.00
31/07/2023 08:20	3.5	100	11	5.2	0.00
31/07/2023 08:30	4.0	103	11	5.2	0.00
31/07/2023 08:40	3.8	104	12	5.1	0.00
31/07/2023 08:50	3.6	104	12	4.8	0.00
31/07/2023 09:00	3.3	101	16	4.7	0.00
31/07/2023 09:10	4.2	107	13	6.0	0.00
31/07/2023 09:20	3.6	117	13	5.2	0.00
31/07/2023 09:30	3.5	108	15	5.5	0.00
31/07/2023 09:40	4.1	100	13	5.4	0.00
31/07/2023 09:50	3.3	100	16	4.6	0.00
31/07/2023 10:00	3.7	103	15	5.6	0.00
31/07/2023 10:10	4.0	94	12	5.4	0.00
31/07/2023 10:20	4.3	96	13	6.2	0.00
31/07/2023 10:30	5.3	101	11	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 10:40	5.6	97	12	7.9	0.00
31/07/2023 10:50	4.9	94	15	6.8	0.00
31/07/2023 11:00	4.6	103	13	6.1	0.00
31/07/2023 11:10	4.5	105	12	5.8	0.00
31/07/2023 11:20	5.0	103	11	7.0	0.00
31/07/2023 11:30	5.0	94	15	6.8	0.00
31/07/2023 11:40	5.1	93	14	7.2	0.00
31/07/2023 11:50	5.2	96	13	7.7	0.00
31/07/2023 12:00	5.2	90	13	7.1	0.00
31/07/2023 12:10	4.7	88	13	6.6	0.00
31/07/2023 12:20	5.3	78	11	7.4	0.00
31/07/2023 12:30	5.8	77	11	7.9	0.00
31/07/2023 12:40	5.7	80	12	7.8	0.00
31/07/2023 12:50	5.3	77	14	7.3	0.00
31/07/2023 13:00	5.3	73	12	7.6	0.00
31/07/2023 13:10	5.3	74	13	7.9	0.00
31/07/2023 13:20	5.8	71	12	7.9	0.00
31/07/2023 13:30	5.6	69	11	8.4	0.00
31/07/2023 13:40	5.4	72	14	7.2	0.00
31/07/2023 13:50	5.9	72	11	8.3	0.00
31/07/2023 14:00	5.5	79	12	7.9	0.00
31/07/2023 14:10	5.0	76	12	7.1	0.00
31/07/2023 14:20	5.4	76	12	7.6	0.00
31/07/2023 14:30	5.1	73	13	7.2	0.00
31/07/2023 14:40	4.8	73	11	6.5	0.00
31/07/2023 14:50	5.0	75	12	6.6	0.00
31/07/2023 15:00	4.6	72	12	6.3	0.00
31/07/2023 15:10	4.2	78	12	6.3	0.00
31/07/2023 15:20	4.3	75	13	6.3	0.00
31/07/2023 15:30	3.9	76	11	5.6	0.00
31/07/2023 15:40	3.8	77	14	5.3	0.00
31/07/2023 15:50	3.9	75	13	5.0	0.00
31/07/2023 16:00	4.1	77	11	5.6	0.00
31/07/2023 16:10	4.1	83	11	5.5	0.00
31/07/2023 16:20	3.6	83	11	4.9	0.00
31/07/2023 16:30	3.5	85	12	4.8	0.00
31/07/2023 16:40	3.1	85	11	4.0	0.00
31/07/2023 16:50	2.9	84	12	3.8	0.00
31/07/2023 17:00	2.5	88	12	3.6	0.00
31/07/2023 17:10	2.3	108	10	3.1	0.00
31/07/2023 17:20	2.1	112	11	2.7	0.00
31/07/2023 17:30	1.7	115	10	2.3	0.00
31/07/2023 17:40	1.8	97	9	2.0	0.00
31/07/2023 17:50	1.4	97	7	1.8	0.00
31/07/2023 18:00	1.2	94	10	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 18:10	1.2	104	8	1.5	0.00
31/07/2023 18:20	0.8	100	18	1.2	0.00
31/07/2023 18:30	0.1	130	1	0.6	0.00
31/07/2023 18:40	0.5	63	4	1.2	0.00
31/07/2023 18:50	0.6	68	12	1.0	0.00
31/07/2023 19:00					0.00
31/07/2023 19:10	0.6	57	7	1.1	0.00
31/07/2023 19:20	0.8	51	7	1.2	0.00
31/07/2023 19:30	1.3	50	4	1.6	0.00
31/07/2023 19:40	1.2	58	6	1.5	0.00
31/07/2023 19:50	1.2	42	3	1.5	0.00
31/07/2023 20:00	1.3	43	4	1.5	0.00
31/07/2023 20:10	0.9	37	4	1.3	0.00
31/07/2023 20:20	1.5	40	3	1.7	0.00
31/07/2023 20:30	1.4	40	3	1.6	0.00
31/07/2023 20:40	1.4	44	3	1.6	0.00
31/07/2023 20:50	1.6	41	4	1.8	0.00
31/07/2023 21:00	1.4	43	5	1.6	0.00
31/07/2023 21:10	1.4	37	4	1.6	0.00
31/07/2023 21:20	1.2	54	7	1.4	0.00
31/07/2023 21:30	0.6	184	12	1.2	0.00
31/07/2023 21:40	0.4	228	13	0.8	0.00
31/07/2023 21:50	0.7	276	13	1.1	0.00
31/07/2023 22:00	0.7	267	26	1.1	0.00
31/07/2023 22:10	0.5	242	9	0.9	0.00
31/07/2023 22:20	0.5	29	10	1.1	0.00
31/07/2023 22:30	0.0	315	2	0.4	0.00
31/07/2023 22:40	0.2	272	7	0.7	0.00
31/07/2023 22:50	0.5	298	3	0.8	0.00
31/07/2023 23:00	0.6	314	10	1.0	0.00
31/07/2023 23:10	0.7	306	5	1.2	0.00
31/07/2023 23:20	0.5	331	18	0.8	0.00
31/07/2023 23:30	0.6	353	14	0.9	0.00
31/07/2023 23:40	0.7	161	16	0.8	0.00
31/07/2023 23:50	0.5	189	24	0.8	0.00
01/08/2023 00:00	0.7	33	11	1.0	0.00
01/08/2023 00:10	0.5	208	10	1.0	0.00
01/08/2023 00:20	0.9	74	9	1.3	0.00
01/08/2023 00:30	0.9	70	11	1.6	0.00
01/08/2023 00:40	0.8	48	7	1.2	0.00
01/08/2023 00:50	1.6	56	7	1.9	0.00
01/08/2023 01:00	1.9	59	4	2.1	0.00
01/08/2023 01:10	1.8	59	4	2.0	0.00
01/08/2023 01:20	1.7	60	4	2.0	0.00
01/08/2023 01:30	1.6	59	5	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 01:40	1.3	64	5	1.6	0.00
01/08/2023 01:50	1.4	60	5	1.6	0.00
01/08/2023 02:00	1.1	64	6	1.5	0.00
01/08/2023 02:10	1.0	56	5	1.3	0.00
01/08/2023 02:20	1.1	47	5	1.2	0.00
01/08/2023 02:30	1.0	49	6	1.3	0.00
01/08/2023 02:40	1.4	51	4	1.7	0.00
01/08/2023 02:50	1.3	48	5	1.5	0.00
01/08/2023 03:00	1.3	49	3	1.6	0.00
01/08/2023 03:10	1.3	65	6	1.6	0.00
01/08/2023 03:20	1.3	87	8	1.6	0.00
01/08/2023 03:30	1.4	72	11	1.8	0.00
01/08/2023 03:40	1.4	78	6	1.7	0.00
01/08/2023 03:50	1.6	94	9	2.0	0.00
01/08/2023 04:00	2.1	92	7	2.5	0.00
01/08/2023 04:10	2.1	90	7	2.6	0.00
01/08/2023 04:20	2.4	96	8	3.2	0.00
01/08/2023 04:30	2.4	100	8	2.8	0.00
01/08/2023 04:40	2.3	99	7	2.8	0.00
01/08/2023 04:50	2.4	91	8	3.2	0.00
01/08/2023 05:00	2.3	95	7	2.8	0.00
01/08/2023 05:10	2.6	93	8	3.2	0.00
01/08/2023 05:20	2.4	94	9	3.0	0.00
01/08/2023 05:30	2.5	97	8	3.2	0.00
01/08/2023 05:40	2.5	94	9	3.2	0.00
01/08/2023 05:50	2.7	95	9	3.4	0.00
01/08/2023 06:00	2.6	92	9	3.2	0.00
01/08/2023 06:10	2.4	93	8	3.0	0.00
01/08/2023 06:20	2.8	100	9	3.6	0.00
01/08/2023 06:30	2.6	98	8	3.2	0.00
01/08/2023 06:40	2.5	94	9	3.3	0.00
01/08/2023 06:50	2.6	92	9	3.5	0.00
01/08/2023 07:00	2.5	91	9	3.2	0.00
01/08/2023 07:10	2.3	95	9	3.0	0.00
01/08/2023 07:20	2.2	90	9	2.9	0.00
01/08/2023 07:30	2.6	88	7	3.2	0.00
01/08/2023 07:40	2.6	90	8	3.2	0.00
01/08/2023 07:50	2.6	89	8	3.2	0.00
01/08/2023 08:00	2.4	86	7	2.8	0.00
01/08/2023 08:10	2.2	94	10	3.0	0.00
01/08/2023 08:20	2.7	96	12	3.8	0.00
01/08/2023 08:30	3.5	94	11	4.7	0.00
01/08/2023 08:40	4.4	85	11	5.7	0.00
01/08/2023 08:50	4.8	88	11	6.4	0.00
01/08/2023 09:00	4.8	90	11	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 09:10	4.8	87	11	6.4	0.00
01/08/2023 09:20	5.3	92	10	7.2	0.00
01/08/2023 09:30	4.7	85	11	7.0	0.00
01/08/2023 09:40	5.2	87	10	7.9	0.00
01/08/2023 09:50	5.6	89	11	7.7	0.00
01/08/2023 10:00	6.1	89	13	7.8	0.00
01/08/2023 10:10	5.9	82	10	8.2	0.00
01/08/2023 10:20	6.4	85	10	8.6	0.00
01/08/2023 10:30	6.6	84	13	9.2	0.00
01/08/2023 10:40	6.4	84	11	8.3	0.00
01/08/2023 10:50	6.6	83	10	8.5	0.00
01/08/2023 11:00	6.7	83	10	9.0	0.00
01/08/2023 11:10	6.3	81	11	8.9	0.00
01/08/2023 11:20	6.0	80	12	8.2	0.00
01/08/2023 11:30	6.3	83	11	8.7	0.00
01/08/2023 11:40	6.1	79	10	7.8	0.00
01/08/2023 11:50	6.8	81	12	8.9	0.00
01/08/2023 12:00	6.7	81	11	9.4	0.00
01/08/2023 12:10	6.7	80	11	9.1	0.00
01/08/2023 12:20	6.4	80	10	9.3	0.00
01/08/2023 12:30	6.5	79	11	8.8	0.00
01/08/2023 12:40	6.0	79	11	8.1	0.00
01/08/2023 12:50	6.0	75	11	8.1	0.00
01/08/2023 13:00	5.8	77	12	7.9	0.00
01/08/2023 13:10	5.6	74	12	7.4	0.00
01/08/2023 13:20	6.8	79	11	9.1	0.00
01/08/2023 13:30	6.4	74	11	8.5	0.00
01/08/2023 13:40	5.7	76	12	8.2	0.00
01/08/2023 13:50	5.9	70	12	8.3	0.00
01/08/2023 14:00	6.8	72	10	9.0	0.00
01/08/2023 14:10	6.5	74	11	8.7	0.00
01/08/2023 14:20	6.9	76	11	9.7	0.00
01/08/2023 14:30	6.5	73	11	9.1	0.00
01/08/2023 14:40	5.8	64	13	8.3	0.00
01/08/2023 14:50	6.4	65	11	8.6	0.00
01/08/2023 15:00	6.4	63	13	8.7	0.00
01/08/2023 15:10	5.8	68	12	8.5	0.00
01/08/2023 15:20	6.0	68	13	8.3	0.00
01/08/2023 15:30	5.2	61	12	7.3	0.00
01/08/2023 15:40	5.0	57	14	7.7	0.00
01/08/2023 15:50	5.1	47	16	7.9	0.00
01/08/2023 16:00	5.4	54	12	7.6	0.00
01/08/2023 16:10	5.0	43	12	6.6	0.00
01/08/2023 16:20	4.5	42	14	6.4	0.00
01/08/2023 16:30	4.7	43	14	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 16:40	5.2	43	12	7.4	0.00
01/08/2023 16:50	4.4	47	12	6.5	0.00
01/08/2023 17:00	4.4	50	13	6.0	0.00
01/08/2023 17:10	4.2	42	12	5.7	0.00
01/08/2023 17:20	4.0	46	12	5.7	0.00
01/08/2023 17:30	3.3	35	15	5.2	0.00
01/08/2023 17:40	3.7	40	15	4.9	0.00
01/08/2023 17:50	3.3	37	16	5.0	0.00
01/08/2023 18:00	3.9	39	12	5.2	0.00
01/08/2023 18:10	3.3	37	12	4.4	0.00
01/08/2023 18:20	3.5	41	14	4.8	0.00
01/08/2023 18:30	3.4	41	11	5.1	0.00
01/08/2023 18:40	3.9	39	12	5.4	0.00
01/08/2023 18:50	3.8	38	14	5.3	0.00
01/08/2023 19:00	3.0	33	14	4.9	0.00
01/08/2023 19:10	2.8	19	18	4.3	0.00
01/08/2023 19:20	2.6	27	18	4.3	0.00
01/08/2023 19:30	2.8	8	16	4.0	0.00
01/08/2023 19:40	2.6	8	15	3.6	0.00
01/08/2023 19:50	2.9	17	15	4.2	0.00
01/08/2023 20:00	2.9	25	16	4.0	0.00
01/08/2023 20:10	2.9	33	18	4.1	0.00
01/08/2023 20:20	3.1	47	12	4.3	0.00
01/08/2023 20:30	2.5	40	15	3.5	0.00
01/08/2023 20:40	2.7	30	16	3.6	0.00
01/08/2023 20:50	2.6	14	18	3.6	0.00
01/08/2023 21:00	2.7	32	16	4.1	0.00
01/08/2023 21:10	2.2	30	15	3.4	0.00
01/08/2023 21:20	2.3	27	14	3.3	0.00
01/08/2023 21:30	2.7	43	12	3.7	0.00
01/08/2023 21:40	2.6	45	13	3.6	0.00
01/08/2023 21:50	1.9	41	13	2.8	0.00
01/08/2023 22:00	1.9	45	16	2.5	0.00
01/08/2023 22:10	2.4	44	13	3.2	0.00
01/08/2023 22:20	2.1	35	14	3.0	0.00
01/08/2023 22:30	2.0	43	16	3.2	0.00
01/08/2023 22:40	2.4	51	9	3.2	0.00
01/08/2023 22:50	2.7	48	11	3.6	0.00
01/08/2023 23:00	2.4	60	10	3.1	0.00
01/08/2023 23:10	2.3	49	11	2.9	0.00
01/08/2023 23:20	2.3	47	11	3.0	0.00
01/08/2023 23:30	2.1	55	10	2.8	0.00
01/08/2023 23:40	2.5	45	12	3.4	0.00
01/08/2023 23:50	2.2	49	10	3.0	0.00
02/08/2023 00:00	2.1	48	11	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 00:10	2.7	55	9	3.6	0.00
02/08/2023 00:20	1.1	50	6	2.2	0.00
02/08/2023 00:30					0.00
02/08/2023 00:40	0.0	133	0	0.4	0.00
02/08/2023 00:50					0.00
02/08/2023 01:00					0.00
02/08/2023 01:10	0.0	230	3	0.4	0.00
02/08/2023 01:20	0.0	121	1	0.4	0.00
02/08/2023 01:30					0.00
02/08/2023 01:40	0.0	213	2	0.4	0.00
02/08/2023 01:50	0.0	130	13	0.4	0.00
02/08/2023 02:00	0.0	262	3	0.4	0.00
02/08/2023 02:10	0.0	283	0	0.4	0.00
02/08/2023 02:20	0.2	132	41	0.7	0.00
02/08/2023 02:30	0.0	98	25	0.4	0.00
02/08/2023 02:40					0.00
02/08/2023 02:50	0.2	279	6	0.9	0.00
02/08/2023 03:00	0.2	221	17	0.8	0.00
02/08/2023 03:10	0.2	206	16	0.7	0.00
02/08/2023 03:20	0.5	169	18	1.2	0.00
02/08/2023 03:30	0.6	195	32	1.0	0.00
02/08/2023 03:40	0.8	208	42	1.6	0.00
02/08/2023 03:50	0.7	191	64	1.4	0.00
02/08/2023 04:00	1.1	251	35	2.1	0.00
02/08/2023 04:10	1.1	272	39	2.3	0.00
02/08/2023 04:20	2.0	263	15	2.8	0.00
02/08/2023 04:30	2.2	257	11	3.0	0.00
02/08/2023 04:40	2.3	256	10	3.0	0.00
02/08/2023 04:50	2.0	256	11	2.6	0.00
02/08/2023 05:00	1.8	250	11	2.4	0.00
02/08/2023 05:10	1.5	254	15	2.0	0.00
02/08/2023 05:20	1.9	274	25	2.8	0.00
02/08/2023 05:30	2.1	290	19	3.0	0.00
02/08/2023 05:40	2.5	301	14	3.6	0.00
02/08/2023 05:50	2.0	318	34	3.2	0.00
02/08/2023 06:00	1.3	154	34	2.4	0.00
02/08/2023 06:10	0.8	187	38	2.2	0.00
02/08/2023 06:20	0.6	65	43	1.8	0.00
02/08/2023 06:30	0.6	316	31	2.3	0.00
02/08/2023 06:40	0.7	187	45	1.8	0.00
02/08/2023 06:50	0.7	89	38	1.3	0.00
02/08/2023 07:00	0.6	172	44	1.3	0.00
02/08/2023 07:10	0.9	78	31	1.9	0.00
02/08/2023 07:20	0.6	69	20	1.4	0.00
02/08/2023 07:30	0.5	129	14	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 07:40	0.9	137	29	1.9	0.00
02/08/2023 07:50	0.8	170	24	1.4	0.00
02/08/2023 08:00	0.9	196	43	1.6	0.00
02/08/2023 08:10	1.2	231	22	2.0	0.00
02/08/2023 08:20	1.3	226	31	2.4	0.00
02/08/2023 08:30	0.6	157	24	1.5	0.00
02/08/2023 08:40	1.3	219	35	2.8	0.00
02/08/2023 08:50	1.0	154	73	2.1	0.00
02/08/2023 09:00	1.5	291	41	2.8	0.00
02/08/2023 09:10	1.8	286	22	2.8	0.00
02/08/2023 09:20	2.5	282	15	3.7	0.00
02/08/2023 09:30	2.4	276	18	3.5	0.00
02/08/2023 09:40	2.4	280	13	3.2	0.00
02/08/2023 09:50	2.1	281	16	3.1	0.00
02/08/2023 10:00	1.9	282	19	3.2	0.00
02/08/2023 10:10	1.5	272	17	2.7	0.00
02/08/2023 10:20	1.6	270	17	2.6	0.00
02/08/2023 10:30	2.2	281	16	3.3	0.00
02/08/2023 10:40	2.2	285	15	3.5	0.00
02/08/2023 10:50	2.2	281	15	3.2	0.00
02/08/2023 11:00	2.6	270	15	3.6	0.00
02/08/2023 11:10	2.4	277	17	3.2	0.00
02/08/2023 11:20	2.2	289	16	3.2	0.00
02/08/2023 11:30	2.1	299	18	2.9	0.00
02/08/2023 11:40	2.4	265	22	3.6	0.00
02/08/2023 11:50	2.3	273	21	3.7	0.00
02/08/2023 12:00	2.2	295	20	3.2	0.00
02/08/2023 12:10	2.5	308	18	3.5	0.00
02/08/2023 12:20	2.8	307	15	3.8	0.00
02/08/2023 12:30	2.7	294	19	3.9	0.00
02/08/2023 12:40	2.9	290	13	3.9	0.00
02/08/2023 12:50	2.9	292	16	3.6	0.00
02/08/2023 13:00	2.6	296	16	3.6	0.00
02/08/2023 13:10	2.6	313	17	3.8	0.00
02/08/2023 13:20	2.7	306	17	4.0	0.00
02/08/2023 13:30	3.1	300	11	4.2	0.00
02/08/2023 13:40	2.8	297	14	3.8	0.00
02/08/2023 13:50	3.2	300	14	4.1	0.00
02/08/2023 14:00	3.1	293	17	4.6	0.00
02/08/2023 14:10	3.3	291	16	4.4	0.00
02/08/2023 14:20	3.4	300	11	4.5	0.00
02/08/2023 14:30	3.1	294	15	4.2	0.00
02/08/2023 14:40	3.1	301	15	3.9	0.00
02/08/2023 14:50	2.9	293	15	3.8	0.00
02/08/2023 15:00	3.0	290	12	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 15:10	2.6	288	21	4.4	0.00
02/08/2023 15:20	2.4	303	27	4.1	0.00
02/08/2023 15:30	1.6	320	51	3.1	0.00
02/08/2023 15:40	1.8	315	41	3.2	0.00
02/08/2023 15:50	2.3	300	18	3.3	0.00
02/08/2023 16:00	2.2	295	18	3.4	0.00
02/08/2023 16:10	2.3	333	30	3.6	0.00
02/08/2023 16:20	2.3	343	23	3.2	0.00
02/08/2023 16:30	2.3	347	22	3.5	0.00
02/08/2023 16:40	2.4	345	28	3.5	0.00
02/08/2023 16:50	2.6	185	20	4.1	0.00
02/08/2023 17:00	2.7	186	19	3.6	0.00
02/08/2023 17:10	2.2	180	24	3.6	0.00
02/08/2023 17:20	1.7	352	26	3.7	0.00
02/08/2023 17:30	2.8	8	19	4.4	0.00
02/08/2023 17:40	2.4	7	17	4.2	0.00
02/08/2023 17:50	2.9	19	14	4.4	0.00
02/08/2023 18:00	2.7	18	15	4.4	0.00
02/08/2023 18:10	2.5	16	18	4.1	0.00
02/08/2023 18:20	2.5	19	13	4.0	0.00
02/08/2023 18:30	2.0	18	17	3.4	0.00
02/08/2023 18:40	2.3	17	16	3.6	0.00
02/08/2023 18:50	2.7	22	15	4.0	0.00
02/08/2023 19:00	3.1	18	13	4.8	0.00
02/08/2023 19:10	3.0	19	13	4.4	0.00
02/08/2023 19:20	3.1	10	15	4.4	0.00
02/08/2023 19:30	3.2	13	13	4.6	0.00
02/08/2023 19:40	3.1	14	15	4.4	0.00
02/08/2023 19:50	3.0	14	14	5.1	0.00
02/08/2023 20:00	3.4	12	14	4.7	0.00
02/08/2023 20:10	3.3	14	14	4.6	0.00
02/08/2023 20:20	3.3	10	15	5.0	0.00
02/08/2023 20:30	3.2	7	17	5.2	0.00
02/08/2023 20:40	3.4	14	15	4.9	0.00
02/08/2023 20:50	3.4	15	14	4.8	0.00
02/08/2023 21:00	3.1	16	13	4.7	0.00
02/08/2023 21:10	3.3	15	13	4.7	0.00
02/08/2023 21:20	3.2	16	14	5.1	0.00
02/08/2023 21:30	3.3	17	14	4.8	0.00
02/08/2023 21:40	3.8	16	15	5.3	0.00
02/08/2023 21:50	3.4	12	15	5.2	0.00
02/08/2023 22:00	3.3	15	14	5.2	0.00
02/08/2023 22:10	3.7	13	13	5.2	0.00
02/08/2023 22:20	3.3	16	14	4.6	0.00
02/08/2023 22:30	3.2	18	16	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 22:40	3.2	23	15	4.6	0.00
02/08/2023 22:50	2.7	24	15	4.0	0.00
02/08/2023 23:00	3.0	25	16	4.1	0.00
02/08/2023 23:10	2.9	21	16	4.3	0.00
02/08/2023 23:20	2.9	20	15	4.0	0.00
02/08/2023 23:30	3.0	22	16	4.4	0.00
02/08/2023 23:40	3.3	22	15	4.7	0.00
02/08/2023 23:50	3.3	23	13	4.3	0.00
03/08/2023 00:00	3.2	25	17	4.8	0.00
03/08/2023 00:10	3.1	25	15	4.0	0.00
03/08/2023 00:20	2.6	26	14	3.6	0.00
03/08/2023 00:30	2.6	23	15	3.9	0.00
03/08/2023 00:40	2.7	23	16	3.9	0.00
03/08/2023 00:50	2.6	29	15	4.0	0.00
03/08/2023 01:00	2.7	24	13	4.0	0.00
03/08/2023 01:10	2.5	25	14	3.9	0.00
03/08/2023 01:20	2.5	30	14	3.9	0.00
03/08/2023 01:30	2.7	32	13	3.9	0.00
03/08/2023 01:40	2.8	30	13	4.2	0.00
03/08/2023 01:50	2.9	36	16	4.1	0.00
03/08/2023 02:00	2.4	27	18	3.9	0.00
03/08/2023 02:10	1.7	20	28	3.1	0.00
03/08/2023 02:20	1.7	22	28	3.1	0.00
03/08/2023 02:30	1.3	11	36	2.4	0.00
03/08/2023 02:40	1.3	352	40	2.4	0.00
03/08/2023 02:50	1.2	173	45	2.4	0.00
03/08/2023 03:00	0.9	326	38	2.1	0.00
03/08/2023 03:10	1.2	172	35	2.2	0.00
03/08/2023 03:20	1.4	318	36	3.0	0.00
03/08/2023 03:30	2.0	307	18	3.6	0.00
03/08/2023 03:40	1.3	307	24	2.4	0.00
03/08/2023 03:50	1.7	300	22	3.0	0.00
03/08/2023 04:00	2.0	302	20	2.9	0.00
03/08/2023 04:10	1.5	309	25	2.7	0.00
03/08/2023 04:20	0.6	322	28	2.3	0.00
03/08/2023 04:30	1.0	315	23	2.3	0.00
03/08/2023 04:40	1.2	341	41	2.5	0.00
03/08/2023 04:50	1.6	351	28	2.9	0.00
03/08/2023 05:00	2.0	10	24	3.2	0.00
03/08/2023 05:10	1.6	169	38	3.2	0.00
03/08/2023 05:20	0.8	333	50	2.2	0.00
03/08/2023 05:30	0.6	167	68	1.3	0.00
03/08/2023 05:40	1.0	321	43	1.9	0.00
03/08/2023 05:50	1.0	318	41	2.2	0.00
03/08/2023 06:00	1.2	302	21	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 06:10	2.0	309	19	3.6	0.00
03/08/2023 06:20	1.3	330	26	2.5	0.00
03/08/2023 06:30	1.0	282	27	2.3	0.00
03/08/2023 06:40	1.3	247	17	2.2	0.00
03/08/2023 06:50	0.1	208	13	0.8	0.00
03/08/2023 07:00	0.6	242	8	1.6	0.00
03/08/2023 07:10	0.8	247	9	1.2	0.00
03/08/2023 07:20	0.6	212	32	1.3	0.00
03/08/2023 07:30	1.1	207	34	1.8	0.00
03/08/2023 07:40	0.9	200	37	1.6	0.00
03/08/2023 07:50	0.8	141	22	1.4	0.00
03/08/2023 08:00	1.0	141	23	1.6	0.00
03/08/2023 08:10	1.1	138	31	1.9	0.00
03/08/2023 08:20	1.3	134	26	2.2	0.00
03/08/2023 08:30	1.8	116	15	2.7	0.00
03/08/2023 08:40	2.6	93	11	3.4	0.00
03/08/2023 08:50	2.7	104	12	3.6	0.00
03/08/2023 09:00	2.9	96	14	3.9	0.00
03/08/2023 09:10	2.8	92	13	3.8	0.00
03/08/2023 09:20	3.1	96	14	4.2	0.00
03/08/2023 09:30	3.7	88	12	4.7	0.00
03/08/2023 09:40	3.3	87	11	4.5	0.00
03/08/2023 09:50	3.6	88	11	5.0	0.00
03/08/2023 10:00	3.2	85	12	4.5	0.00
03/08/2023 10:10	3.2	87	12	4.6	0.00
03/08/2023 10:20	3.1	77	14	4.8	0.00
03/08/2023 10:30	3.0	91	15	4.2	0.00
03/08/2023 10:40	2.9	92	13	4.1	0.00
03/08/2023 10:50	2.8	97	14	3.9	0.00
03/08/2023 11:00	2.6	109	15	3.7	0.00
03/08/2023 11:10	2.4	120	13	3.2	0.00
03/08/2023 11:20	2.1	107	11	3.1	0.00
03/08/2023 11:30	1.5	96	22	2.2	0.00
03/08/2023 11:40	2.0	199	48	4.0	0.00
03/08/2023 11:50	2.7	239	16	4.6	0.00
03/08/2023 12:00	2.9	248	17	4.8	0.00
03/08/2023 12:10	2.7	246	20	4.0	0.00
03/08/2023 12:20	3.3	260	14	4.6	0.00
03/08/2023 12:30	3.8	263	15	5.7	0.00
03/08/2023 12:40	5.2	260	10	6.6	0.00
03/08/2023 12:50	5.3	260	9	6.4	0.00
03/08/2023 13:00	5.7	261	9	6.9	0.00
03/08/2023 13:10	5.8	261	9	7.2	0.00
03/08/2023 13:20	5.5	263	8	6.6	0.00
03/08/2023 13:30	5.0	261	10	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 13:40	4.7	260	10	6.0	0.00
03/08/2023 13:50	4.5	260	10	5.6	0.00
03/08/2023 14:00	4.0	259	15	5.6	0.00
03/08/2023 14:10	3.1	251	17	4.1	0.00
03/08/2023 14:20	2.9	252	17	3.9	0.00
03/08/2023 14:30	3.1	262	14	4.3	0.00
03/08/2023 14:40	4.2	264	9	5.1	0.00
03/08/2023 14:50	3.8	264	11	4.8	0.00
03/08/2023 15:00	3.6	266	11	4.8	0.00
03/08/2023 15:10	3.5	265	13	4.4	0.00
03/08/2023 15:20	3.5	261	11	4.8	0.00
03/08/2023 15:30	3.9	266	12	5.1	0.00
03/08/2023 15:40	4.3	262	10	5.2	0.00
03/08/2023 15:50	3.8	267	14	5.2	0.00
03/08/2023 16:00	4.0	260	10	5.2	0.00
03/08/2023 16:10	3.3	266	14	4.4	0.00
03/08/2023 16:20	3.1	273	15	3.9	0.00
03/08/2023 16:30	3.7	272	14	4.8	0.00
03/08/2023 16:40	3.2	260	16	4.5	0.00
03/08/2023 16:50	4.2	232	18	7.0	0.00
03/08/2023 17:00	3.7	220	18	5.8	0.00
03/08/2023 17:10	3.6	219	19	5.2	0.00
03/08/2023 17:20	3.4	227	18	5.0	0.00
03/08/2023 17:30	3.6	220	14	4.7	0.00
03/08/2023 17:40	3.0	219	21	4.4	0.00
03/08/2023 17:50	3.0	222	17	4.0	0.00
03/08/2023 18:00	1.1	140	84	2.4	0.00
03/08/2023 18:10	1.3	229	61	2.6	0.00
03/08/2023 18:20	1.1	181	74	1.8	0.00
03/08/2023 18:30	1.3	219	35	2.1	0.00
03/08/2023 18:40	0.9	157	29	1.6	0.00
03/08/2023 18:50	1.7	140	16	2.5	0.00
03/08/2023 19:00	1.5	141	16	2.0	0.00
03/08/2023 19:10	1.2	132	13	1.7	0.00
03/08/2023 19:20	1.4	118	10	1.8	0.00
03/08/2023 19:30	1.2	113	9	1.6	0.00
03/08/2023 19:40	1.1	106	7	1.3	0.00
03/08/2023 19:50	0.1	110	2	0.8	0.00
03/08/2023 20:00					0.00
03/08/2023 20:10	0.0	307	0	0.4	0.00
03/08/2023 20:20	0.1	252	3	0.4	0.00
03/08/2023 20:30	1.3	255	9	2.5	0.00
03/08/2023 20:40	1.1	261	8	2.2	0.00
03/08/2023 20:50	2.2	258	8	3.2	0.00
03/08/2023 21:00	1.8	253	11	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 21:10	0.5	243	7	1.6	0.00
03/08/2023 21:20	0.7	249	8	2.0	0.00
03/08/2023 21:30	2.7	258	9	3.6	0.00
03/08/2023 21:40	2.8	255	11	3.8	0.00
03/08/2023 21:50	2.7	251	11	3.9	0.00
03/08/2023 22:00	2.8	251	12	3.7	0.00
03/08/2023 22:10	1.5	238	13	2.9	0.00
03/08/2023 22:20	1.6	249	11	2.7	0.00
03/08/2023 22:30	1.8	249	12	2.7	0.00
03/08/2023 22:40	2.1	256	11	2.9	0.00
03/08/2023 22:50	1.8	250	11	2.4	0.00
03/08/2023 23:00	2.2	249	9	3.2	0.00
03/08/2023 23:10	2.5	252	11	3.5	0.00
03/08/2023 23:20	3.0	254	11	4.0	0.00
03/08/2023 23:30	3.0	252	10	4.1	0.00
03/08/2023 23:40	2.3	255	12	3.4	0.00
03/08/2023 23:50	2.1	256	11	2.8	0.00
04/08/2023 00:00	2.9	257	10	4.1	0.00
04/08/2023 00:10	2.6	258	12	3.6	0.00
04/08/2023 00:20	2.6	260	10	3.2	0.00
04/08/2023 00:30	2.8	260	9	3.8	0.00
04/08/2023 00:40	3.0	264	8	3.9	0.00
04/08/2023 00:50	2.5	251	14	3.6	0.00
04/08/2023 01:00	2.8	250	12	3.4	0.00
04/08/2023 01:10	2.2	246	12	2.8	0.00
04/08/2023 01:20	1.6	228	12	2.4	0.00
04/08/2023 01:30	1.5	224	12	2.3	0.00
04/08/2023 01:40	1.8	239	10	2.4	0.00
04/08/2023 01:50	1.5	224	14	2.4	0.00
04/08/2023 02:00	1.3	227	15	2.0	0.00
04/08/2023 02:10	1.1	234	16	1.7	0.00
04/08/2023 02:20	1.9	240	10	2.9	0.00
04/08/2023 02:30	1.8	233	11	2.4	0.00
04/08/2023 02:40	1.3	231	12	2.0	0.00
04/08/2023 02:50	0.3	247	7	0.8	0.00
04/08/2023 03:00					0.00
04/08/2023 03:10	0.1	123	17	0.6	0.00
04/08/2023 03:20					0.00
04/08/2023 03:30	0.1	235	19	0.8	0.00
04/08/2023 03:40	0.1	213	10	1.2	0.00
04/08/2023 03:50	0.0	172	9	0.4	0.00
04/08/2023 04:00	0.4	248	9	1.0	0.00
04/08/2023 04:10	1.0	251	19	1.6	0.00
04/08/2023 04:20	0.8	222	15	1.6	0.00
04/08/2023 04:30	0.1	216	8	0.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 04:40	0.0	339	0	0.6	0.00
04/08/2023 04:50	0.3	62	6	0.7	0.00
04/08/2023 05:00	0.1	68	3	0.8	0.00
04/08/2023 05:10	0.3	100	10	1.2	0.00
04/08/2023 05:20	0.7	82	12	1.5	0.00
04/08/2023 05:30	0.9	81	11	1.7	0.00
04/08/2023 05:40	0.9	89	16	1.4	0.00
04/08/2023 05:50	1.5	95	12	2.0	0.00
04/08/2023 06:00	1.2	94	12	1.7	0.00
04/08/2023 06:10	0.6	100	11	1.2	0.00
04/08/2023 06:20	0.1	106	5	0.8	0.00
04/08/2023 06:30	0.1	76	6	0.4	0.00
04/08/2023 06:40	0.5	88	12	1.1	0.00
04/08/2023 06:50	0.7	107	15	1.4	0.00
04/08/2023 07:00	1.1	96	17	1.6	0.00
04/08/2023 07:10	1.6	87	11	2.3	0.00
04/08/2023 07:20	1.4	91	10	2.4	0.00
04/08/2023 07:30	2.1	88	11	2.8	0.00
04/08/2023 07:40	2.1	90	10	2.9	0.00
04/08/2023 07:50	1.8	98	11	2.8	0.00
04/08/2023 08:00	1.0	105	10	2.0	0.00
04/08/2023 08:10	0.8	104	7	2.3	0.00
04/08/2023 08:20	0.0	149	10	0.4	0.00
04/08/2023 08:30	0.6	231	10	2.0	0.00
04/08/2023 08:40	1.9	261	10	3.2	0.00
04/08/2023 08:50	2.0	250	12	3.2	0.00
04/08/2023 09:00	2.4	254	13	3.1	0.00
04/08/2023 09:10	2.7	253	13	3.6	0.00
04/08/2023 09:20	2.6	252	15	4.0	0.00
04/08/2023 09:30	2.6	254	12	3.5	0.00
04/08/2023 09:40	2.1	251	17	2.8	0.00
04/08/2023 09:50	2.3	244	17	3.0	0.00
04/08/2023 10:00	2.9	252	11	4.0	0.00
04/08/2023 10:10	1.7	241	22	2.3	0.00
04/08/2023 10:20	1.5	238	23	2.8	0.00
04/08/2023 10:30	1.3	168	43	2.2	0.00
04/08/2023 10:40	1.2	190	63	2.2	0.00
04/08/2023 10:50	1.7	50	31	3.3	0.00
04/08/2023 11:00	1.9	101	24	3.6	0.00
04/08/2023 11:10	1.8	125	45	3.6	0.00
04/08/2023 11:20	2.3	115	32	3.7	0.00
04/08/2023 11:30	1.9	106	45	3.2	0.00
04/08/2023 11:40	1.5	182	43	2.4	0.00
04/08/2023 11:50	2.6	189	45	4.3	0.00
04/08/2023 12:00	1.9	275	34	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 12:10	1.6	198	36	2.9	0.00
04/08/2023 12:20	1.8	88	37	3.2	0.00
04/08/2023 12:30	1.6	297	55	2.8	0.00
04/08/2023 12:40	3.6	297	16	5.3	0.00
04/08/2023 12:50	3.3	292	12	4.8	0.00
04/08/2023 13:00	3.5	290	13	4.5	0.00
04/08/2023 13:10	2.9	289	16	3.7	0.00
04/08/2023 13:20	2.3	306	43	4.0	0.00
04/08/2023 13:30	3.1	293	14	4.1	0.00
04/08/2023 13:40	3.2	292	15	4.5	0.00
04/08/2023 13:50	3.4	294	12	4.5	0.00
04/08/2023 14:00	3.6	287	13	4.6	0.00
04/08/2023 14:10	3.5	297	10	4.5	0.00
04/08/2023 14:20	2.9	300	14	4.0	0.00
04/08/2023 14:30	2.4	308	22	3.8	0.00
04/08/2023 14:40	2.5	331	22	3.8	0.00
04/08/2023 14:50	2.8	339	23	4.0	0.00
04/08/2023 15:00	2.6	336	20	3.6	0.00
04/08/2023 15:10	3.1	315	21	4.5	0.00
04/08/2023 15:20	2.8	335	25	4.0	0.00
04/08/2023 15:30	2.8	351	19	3.9	0.00
04/08/2023 15:40	2.6	355	25	3.7	0.00
04/08/2023 15:50	3.1	308	23	4.4	0.00
04/08/2023 16:00	2.2	321	31	4.0	0.00
04/08/2023 16:10	3.0	306	21	5.4	0.00
04/08/2023 16:20	2.7	309	23	4.1	0.00
04/08/2023 16:30	2.7	312	26	4.4	0.00
04/08/2023 16:40	2.2	306	26	3.2	0.00
04/08/2023 16:50	2.4	310	17	3.9	0.00
04/08/2023 17:00	2.8	299	18	4.5	0.00
04/08/2023 17:10	3.7	292	14	5.2	0.00
04/08/2023 17:20	3.4	289	16	4.4	0.00
04/08/2023 17:30	3.0	274	17	4.4	0.00
04/08/2023 17:40	2.9	270	19	4.1	0.00
04/08/2023 17:50	3.0	256	14	4.1	0.00
04/08/2023 18:00	2.9	258	14	4.0	0.00
04/08/2023 18:10	3.2	256	10	4.6	0.00
04/08/2023 18:20	2.2	254	14	3.8	0.00
04/08/2023 18:30	1.5	259	14	3.0	0.00
04/08/2023 18:40	1.9	250	15	3.8	0.00
04/08/2023 18:50	2.4	249	12	3.4	0.00
04/08/2023 19:00	2.6	258	11	4.0	0.00
04/08/2023 19:10	2.0	252	11	3.3	0.00
04/08/2023 19:20	2.0	251	12	3.5	0.00
04/08/2023 19:30	1.7	247	13	3.1	0.00



Yara Pilbara Nitrates- Burrup Road
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 19:40	1.6	256	13	3.2	0.00
04/08/2023 19:50	1.4	257	15	2.4	0.00
04/08/2023 20:00	1.5	262	13	2.6	0.00
04/08/2023 20:10	2.3	256	11	3.5	0.00
04/08/2023 20:20	2.2	260	11	3.2	0.00
04/08/2023 20:30	1.4	258	13	2.4	0.00
04/08/2023 20:40	2.1	257	10	3.1	0.00
04/08/2023 20:50	1.9	252	11	3.1	0.00
04/08/2023 21:00	1.7	251	11	3.0	0.00
04/08/2023 21:10	2.0	244	11	2.8	0.00
04/08/2023 21:20	2.2	249	11	3.2	0.00
04/08/2023 21:30	1.9	252	11	2.8	0.00
04/08/2023 21:40	2.3	255	9	3.4	0.00
04/08/2023 21:50	2.6	249	9	3.4	0.00
04/08/2023 22:00	1.6	247	11	2.6	0.00
04/08/2023 22:10	1.8	248	11	3.4	0.00
04/08/2023 22:20	2.6	252	11	3.6	0.00
04/08/2023 22:30	1.8	251	10	2.9	0.00
04/08/2023 22:40	1.4	256	10	2.4	0.00
04/08/2023 22:50	1.0	250	12	1.6	0.00
04/08/2023 23:00	1.0	249	10	1.7	0.00
04/08/2023 23:10	0.9	240	12	1.8	0.00
04/08/2023 23:20	2.2	255	9	3.1	0.00
04/08/2023 23:30	2.6	257	8	3.6	0.00
04/08/2023 23:40	2.6	256	10	3.8	0.00
04/08/2023 23:50	3.2	256	9	4.0	0.00
05/08/2023 00:00	3.7	255	11	4.6	0.00
05/08/2023 00:10	3.2	255	9	4.0	0.00
05/08/2023 00:20	2.6	251	9	3.6	0.00
05/08/2023 00:30	2.4	257	10	3.1	0.00
05/08/2023 00:40	2.4	251	10	3.1	0.00
05/08/2023 00:50	2.7	256	10	3.3	0.00
05/08/2023 01:00	2.2	250	9	3.0	0.00
05/08/2023 01:10	1.0	233	12	1.7	0.00
05/08/2023 01:20					0.00
05/08/2023 01:30					0.00
05/08/2023 01:40	0.1	208	4	0.6	0.00
05/08/2023 01:50	0.0	252	2	0.6	0.00
05/08/2023 02:00					0.00
05/08/2023 02:10	0.4	271	6	1.0	0.00
05/08/2023 02:20					0.00
05/08/2023 02:30	0.9	169	34	2.0	0.00
05/08/2023 02:40	1.1	158	38	2.4	0.00
05/08/2023 02:50	0.7	122	21	1.4	0.00
05/08/2023 03:00	0.5	138	24	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 03:10	0.3	237	19	0.8	0.00
05/08/2023 03:20	0.5	178	29	1.8	0.00
05/08/2023 03:30	0.5	139	37	1.1	0.00
05/08/2023 03:40	0.4	191	21	0.8	0.00
05/08/2023 03:50	0.1	140	35	0.8	0.00
05/08/2023 04:00	0.8	121	38	1.4	0.00
05/08/2023 04:10	1.3	108	12	2.0	0.00
05/08/2023 04:20	1.4	99	9	1.8	0.00
05/08/2023 04:30	1.6	95	13	2.8	0.00
05/08/2023 04:40	3.0	98	9	3.9	0.00
05/08/2023 04:50	2.9	97	9	3.7	0.00
05/08/2023 05:00	2.8	98	9	3.7	0.00
05/08/2023 05:10	2.7	98	8	3.6	0.00
05/08/2023 05:20	2.9	93	10	4.0	0.00
05/08/2023 05:30	4.0	94	9	5.5	0.00
05/08/2023 05:40	3.6	95	9	5.3	0.00
05/08/2023 05:50	3.4	97	12	4.7	0.00
05/08/2023 06:00	3.6	97	10	4.6	0.00
05/08/2023 06:10	3.4	93	9	4.8	0.00
05/08/2023 06:20	2.9	89	12	3.8	0.00
05/08/2023 06:30	3.0	85	11	4.2	0.00
05/08/2023 06:40	3.4	86	12	4.3	0.00
05/08/2023 06:50	3.0	91	10	4.0	0.00
05/08/2023 07:00	2.7	95	11	4.1	0.00
05/08/2023 07:10	2.4	91	17	4.1	0.00
05/08/2023 07:20	2.8	98	15	4.2	0.00
05/08/2023 07:30	3.2	96	15	4.8	0.00
05/08/2023 07:40	4.4	99	14	7.1	0.00
05/08/2023 07:50	5.0	98	13	7.5	0.00
05/08/2023 08:00	5.9	98	13	8.3	0.00
05/08/2023 08:10	6.6	103	10	8.7	0.00
05/08/2023 08:20	6.5	103	11	8.8	0.00
05/08/2023 08:30	6.8	102	10	8.4	0.00
05/08/2023 08:40	6.6	101	12	8.7	0.00
05/08/2023 08:50	6.5	102	11	8.6	0.00
05/08/2023 09:00	6.3	99	10	7.9	0.00
05/08/2023 09:10	6.3	111	13	8.3	0.00
05/08/2023 09:20	6.4	104	10	9.0	0.00
05/08/2023 09:30	6.5	104	10	8.7	0.00
05/08/2023 09:40	6.2	102	11	8.2	0.00
05/08/2023 09:50	6.3	105	11	8.9	0.00
05/08/2023 10:00	7.1	105	11	9.5	0.00
05/08/2023 10:10	6.8	105	10	9.8	0.00
05/08/2023 10:20	6.6	100	12	8.7	0.00
05/08/2023 10:30	5.9	94	12	7.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 10:40	6.3	96	11	8.8	0.00
05/08/2023 10:50	6.3	92	13	8.2	0.00
05/08/2023 11:00	6.4	89	12	8.6	0.00
05/08/2023 11:10	7.1	86	11	9.6	0.00
05/08/2023 11:20	6.9	85	10	8.8	0.00
05/08/2023 11:30	6.2	93	12	8.4	0.00
05/08/2023 11:40	6.1	90	12	8.1	0.00
05/08/2023 11:50	6.7	91	13	8.9	0.00
05/08/2023 12:00	5.8	87	11	8.0	0.00
05/08/2023 12:10	6.7	88	11	9.1	0.00
05/08/2023 12:20	6.4	85	11	8.7	0.00
05/08/2023 12:30	5.9	83	11	8.1	0.00
05/08/2023 12:40	6.7	83	10	8.8	0.00
05/08/2023 12:50	6.0	83	12	8.3	0.00
05/08/2023 13:00	6.1	82	11	8.0	0.00
05/08/2023 13:10	5.8	84	10	7.5	0.00
05/08/2023 13:20	5.8	84	10	7.9	0.00
05/08/2023 13:30	5.7	82	12	7.8	0.00
05/08/2023 13:40	5.9	85	11	8.1	0.00
05/08/2023 13:50	5.4	84	11	7.3	0.00
05/08/2023 14:00	5.3	84	12	7.7	0.00
05/08/2023 14:10	5.9	80	9	7.5	0.00
05/08/2023 14:20	5.0	84	11	7.8	0.00
05/08/2023 14:30	5.2	88	12	7.4	0.00
05/08/2023 14:40	5.2	86	11	7.6	0.00
05/08/2023 14:50	5.4	87	12	7.3	0.00
05/08/2023 15:00	5.4	88	11	7.2	0.00
05/08/2023 15:10	5.2	83	12	6.7	0.00
05/08/2023 15:20	4.9	82	10	6.3	0.00
05/08/2023 15:30	5.1	82	14	6.8	0.00
05/08/2023 15:40	5.0	82	13	7.0	0.00
05/08/2023 15:50	5.3	82	12	6.8	0.00
05/08/2023 16:00	5.1	74	11	7.2	0.00
05/08/2023 16:10	5.4	78	12	7.4	0.00
05/08/2023 16:20	5.5	76	10	7.9	0.00
05/08/2023 16:30	5.4	73	14	7.7	0.00
05/08/2023 16:40	4.9	70	12	6.9	0.00
05/08/2023 16:50	5.3	64	11	7.4	0.00
05/08/2023 17:00	5.1	63	10	7.4	0.00
05/08/2023 17:10	5.0	60	11	7.3	0.00
05/08/2023 17:20	4.8	60	12	7.2	0.00
05/08/2023 17:30	4.6	64	10	6.8	0.00
05/08/2023 17:40	4.3	57	13	6.0	0.00
05/08/2023 17:50	4.6	63	13	6.8	0.00
05/08/2023 18:00	4.3	55	12	6.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 18:10	4.7	54	12	6.7	0.00
05/08/2023 18:20	3.2	43	14	4.4	0.00
05/08/2023 18:30	2.6	51	13	3.8	0.00
05/08/2023 18:40	2.1	50	21	3.9	0.00
05/08/2023 18:50	2.8	31	20	4.3	0.00
05/08/2023 19:00	3.0	42	14	4.4	0.00
05/08/2023 19:10	1.5	159	37	2.4	0.00
05/08/2023 19:20	1.3	210	23	1.8	0.00
05/08/2023 19:30	0.7	215	28	1.4	0.00
05/08/2023 19:40	1.2	205	20	1.7	0.00
05/08/2023 19:50	0.7	220	27	1.2	0.00
05/08/2023 20:00	0.2	196	31	0.8	0.00
05/08/2023 20:10	0.2	219	34	0.7	0.00
05/08/2023 20:20	0.8	208	24	1.6	0.00
05/08/2023 20:30	0.5	199	37	1.2	0.00
05/08/2023 20:40	0.6	148	34	1.3	0.00
05/08/2023 20:50	0.8	226	26	1.4	0.00
05/08/2023 21:00	0.8	353	43	1.3	0.00
05/08/2023 21:10	1.0	205	14	1.8	0.00
05/08/2023 21:20	1.1	203	49	1.9	0.00
05/08/2023 21:30	1.2	211	59	2.8	0.00
05/08/2023 21:40	1.5	79	36	2.6	0.00
05/08/2023 21:50	1.8	66	32	2.5	0.00
05/08/2023 22:00	1.1	101	30	2.3	0.00
05/08/2023 22:10	0.9	50	38	1.6	0.00
05/08/2023 22:20	0.5	173	28	1.2	0.00
05/08/2023 22:30	1.2	261	37	2.0	0.00
05/08/2023 22:40	0.8	62	31	2.0	0.00
05/08/2023 22:50	0.4	218	44	1.1	0.00
05/08/2023 23:00	0.7	291	25	1.0	0.00
05/08/2023 23:10	0.4	144	20	1.1	0.00
05/08/2023 23:20	0.2	161	26	0.7	0.00
05/08/2023 23:30	1.2	106	13	1.6	0.00
05/08/2023 23:40	1.8	99	8	2.4	0.00
05/08/2023 23:50	2.0	111	8	2.6	0.00
06/08/2023 00:00	1.4	101	8	2.0	0.00
06/08/2023 00:10	2.1	108	9	2.8	0.00
06/08/2023 00:20	2.2	105	8	2.7	0.00
06/08/2023 00:30	2.2	103	7	2.8	0.00
06/08/2023 00:40	1.8	93	7	2.4	0.00
06/08/2023 00:50	1.7	95	7	2.0	0.00
06/08/2023 01:00	1.4	86	7	1.9	0.00
06/08/2023 01:10	1.4	71	6	1.7	0.00
06/08/2023 01:20	1.2	63	8	1.5	0.00
06/08/2023 01:30	0.9	54	14	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 01:40	0.7	57	7	1.1	0.00
06/08/2023 01:50	0.8	34	13	1.2	0.00
06/08/2023 02:00	0.7	33	17	1.2	0.00
06/08/2023 02:10	1.0	34	9	1.3	0.00
06/08/2023 02:20	0.8	42	9	1.2	0.00
06/08/2023 02:30	0.8	60	12	1.2	0.00
06/08/2023 02:40	0.7	73	12	0.9	0.00
06/08/2023 02:50	1.0	58	8	1.3	0.00
06/08/2023 03:00	1.6	51	8	2.1	0.00
06/08/2023 03:10	1.0	62	11	1.4	0.00
06/08/2023 03:20	1.2	54	7	1.6	0.00
06/08/2023 03:30	0.7	55	9	1.1	0.00
06/08/2023 03:40	1.2	53	4	1.4	0.00
06/08/2023 03:50	1.4	53	6	1.6	0.00
06/08/2023 04:00	1.1	57	6	1.3	0.00
06/08/2023 04:10	0.9	70	9	1.1	0.00
06/08/2023 04:20	1.1	69	8	1.5	0.00
06/08/2023 04:30	1.0	81	13	1.2	0.00
06/08/2023 04:40	1.1	64	10	1.6	0.00
06/08/2023 04:50	1.3	94	13	1.8	0.00
06/08/2023 05:00	1.7	107	10	2.4	0.00
06/08/2023 05:10	1.3	105	11	1.9	0.00
06/08/2023 05:20	1.5	89	14	2.1	0.00
06/08/2023 05:30	1.9	89	10	2.8	0.00
06/08/2023 05:40	1.9	93	12	2.6	0.00
06/08/2023 05:50	2.2	96	12	3.3	0.00
06/08/2023 06:00	2.6	91	11	3.6	0.00
06/08/2023 06:10	2.6	95	10	3.6	0.00
06/08/2023 06:20	2.8	87	10	4.0	0.00
06/08/2023 06:30	2.3	89	9	2.9	0.00
06/08/2023 06:40	2.5	84	10	3.3	0.00
06/08/2023 06:50	2.8	85	10	3.6	0.00
06/08/2023 07:00	3.1	89	11	4.3	0.00
06/08/2023 07:10	3.4	87	11	4.8	0.00
06/08/2023 07:20	3.3	87	13	4.5	0.00
06/08/2023 07:30	3.4	94	12	4.7	0.00
06/08/2023 07:40	3.5	97	11	4.9	0.00
06/08/2023 07:50	3.0	89	12	4.2	0.00
06/08/2023 08:00	2.3	84	12	3.4	0.00
06/08/2023 08:10	2.5	82	12	4.0	0.00
06/08/2023 08:20	2.4	96	13	3.4	0.00
06/08/2023 08:30	2.5	90	15	3.6	0.00
06/08/2023 08:40	3.2	100	10	4.8	0.00
06/08/2023 08:50	2.7	95	13	3.9	0.00
06/08/2023 09:00	2.7	96	12	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 09:10	3.0	96	11	4.5	0.00
06/08/2023 09:20	2.9	104	14	4.5	0.00
06/08/2023 09:30	2.7	96	15	4.1	0.00
06/08/2023 09:40	3.6	99	13	5.2	0.00
06/08/2023 09:50	4.0	88	14	6.0	0.00
06/08/2023 10:00	5.8	88	10	8.1	0.00
06/08/2023 10:10	5.6	92	13	7.6	0.00
06/08/2023 10:20	5.5	89	12	7.7	0.00
06/08/2023 10:30	5.1	88	12	7.9	0.00
06/08/2023 10:40	5.5	88	12	7.8	0.00
06/08/2023 10:50	5.5	87	12	7.3	0.00
06/08/2023 11:00	5.8	86	13	7.7	0.00
06/08/2023 11:10	5.8	86	12	8.0	0.00
06/08/2023 11:20	6.1	84	12	9.1	0.00
06/08/2023 11:30	6.2	89	12	8.6	0.00
06/08/2023 11:40	6.1	84	11	8.5	0.00
06/08/2023 11:50	6.2	83	11	8.9	0.00
06/08/2023 12:00	6.1	88	11	7.7	0.00
06/08/2023 12:10	6.2	86	10	8.3	0.00
06/08/2023 12:20	5.9	84	10	7.9	0.00
06/08/2023 12:30	5.9	83	11	8.3	0.00
06/08/2023 12:40	6.9	87	11	9.1	0.00
06/08/2023 12:50	6.1	81	11	8.5	0.00
06/08/2023 13:00	5.7	86	13	8.3	0.00
06/08/2023 13:10	6.1	85	10	8.3	0.00
06/08/2023 13:20	6.4	86	12	8.7	0.00
06/08/2023 13:30	6.0	85	11	8.4	0.00
06/08/2023 13:40	6.1	88	11	8.3	0.00
06/08/2023 13:50	5.7	87	12	8.5	0.00
06/08/2023 14:00	5.3	83	11	7.8	0.00
06/08/2023 14:10	5.3	79	9	7.3	0.00
06/08/2023 14:20	5.2	78	12	7.1	0.00
06/08/2023 14:30	4.9	83	11	6.9	0.00
06/08/2023 14:40	5.0	77	12	7.5	0.00
06/08/2023 14:50	5.0	79	12	7.3	0.00
06/08/2023 15:00	5.3	74	12	8.5	0.00
06/08/2023 15:10	5.8	70	9	7.9	0.00
06/08/2023 15:20	5.9	67	12	7.5	0.00
06/08/2023 15:30	6.2	67	11	8.8	0.00
06/08/2023 15:40	6.0	65	12	8.7	0.00
06/08/2023 15:50	5.2	68	10	7.7	0.00
06/08/2023 16:00	5.7	68	11	7.3	0.00
06/08/2023 16:10	5.4	69	11	7.4	0.00
06/08/2023 16:20	4.3	70	10	5.9	0.00
06/08/2023 16:30	4.7	70	11	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 16:40	4.9	69	10	8.0	0.00
06/08/2023 16:50	5.2	63	11	7.2	0.00
06/08/2023 17:00	4.6	63	11	6.1	0.00
06/08/2023 17:10	4.8	65	12	6.8	0.00
06/08/2023 17:20	4.8	61	10	6.4	0.00
06/08/2023 17:30	4.4	58	12	6.0	0.00
06/08/2023 17:40	4.2	61	11	5.7	0.00
06/08/2023 17:50	3.6	62	12	5.1	0.00
06/08/2023 18:00	3.4	62	12	5.0	0.00
06/08/2023 18:10	3.4	64	11	4.6	0.00
06/08/2023 18:20	3.5	65	11	4.6	0.00
06/08/2023 18:30	3.0	54	11	4.2	0.00
06/08/2023 18:40	2.5	49	12	3.9	0.00
06/08/2023 18:50	3.1	44	13	4.4	0.00
06/08/2023 19:00	3.1	44	13	4.8	0.00
06/08/2023 19:10	2.7	51	13	3.9	0.00
06/08/2023 19:20	2.6	58	14	4.0	0.00
06/08/2023 19:30	2.5	49	14	4.0	0.00
06/08/2023 19:40	3.0	50	13	4.2	0.00
06/08/2023 19:50	3.4	45	12	4.9	0.00
06/08/2023 20:00	3.6	47	12	4.8	0.00
06/08/2023 20:10	2.8	52	13	4.2	0.00
06/08/2023 20:20	2.4	55	12	3.2	0.00
06/08/2023 20:30	2.0	65	8	2.7	0.00
06/08/2023 20:40	1.9	68	8	2.4	0.00
06/08/2023 20:50	1.7	84	10	2.4	0.00
06/08/2023 21:00	1.6	93	10	2.1	0.00
06/08/2023 21:10	1.5	68	9	1.8	0.00
06/08/2023 21:20	1.2	65	9	1.7	0.00
06/08/2023 21:30	0.5	91	12	1.3	0.00
06/08/2023 21:40	0.4	156	8	1.5	0.00
06/08/2023 21:50	0.9	216	23	1.5	0.00
06/08/2023 22:00	0.5	215	16	1.4	0.00
06/08/2023 22:10	0.2	277	13	0.8	0.00
06/08/2023 22:20	0.7	166	13	1.3	0.00
06/08/2023 22:30	1.0	197	51	1.6	0.00
06/08/2023 22:40	0.8	125	16	1.4	0.00
06/08/2023 22:50	0.6	214	9	1.5	0.00
06/08/2023 23:00	0.1	61	5	0.8	0.00
06/08/2023 23:10					0.00
06/08/2023 23:20					0.00
06/08/2023 23:30	0.0	299	0	0.4	0.00
06/08/2023 23:40					0.00
06/08/2023 23:50					0.00
07/08/2023 00:00					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 00:10	0.0	315	0	0.4	0.00
07/08/2023 00:20					0.00
07/08/2023 00:30					0.00
07/08/2023 00:40					0.00
07/08/2023 00:50					0.00
07/08/2023 01:00					0.00
07/08/2023 01:10					0.00
07/08/2023 01:20					0.00
07/08/2023 01:30					0.00
07/08/2023 01:40					0.00
07/08/2023 01:50					0.00
07/08/2023 02:00					0.00
07/08/2023 02:10					0.00
07/08/2023 02:20					0.00
07/08/2023 02:30	0.4	165	29	1.3	0.00
07/08/2023 02:40	1.1	117	20	1.7	0.00
07/08/2023 02:50	1.3	107	23	2.1	0.00
07/08/2023 03:00	2.0	98	11	2.7	0.00
07/08/2023 03:10	2.4	95	9	2.9	0.00
07/08/2023 03:20	2.3	94	9	2.8	0.00
07/08/2023 03:30	2.6	96	9	3.3	0.00
07/08/2023 03:40	2.5	94	9	3.2	0.00
07/08/2023 03:50	2.5	96	10	3.3	0.00
07/08/2023 04:00	2.4	99	9	3.2	0.00
07/08/2023 04:10	2.4	93	9	3.1	0.00
07/08/2023 04:20	2.4	93	10	3.2	0.00
07/08/2023 04:30	2.4	80	7	2.9	0.00
07/08/2023 04:40	2.4	80	7	3.1	0.00
07/08/2023 04:50	2.4	86	7	3.2	0.00
07/08/2023 05:00	2.3	91	8	2.9	0.00
07/08/2023 05:10	2.4	86	7	3.0	0.00
07/08/2023 05:20	2.3	87	9	3.0	0.00
07/08/2023 05:30	2.1	90	9	2.6	0.00
07/08/2023 05:40	2.0	91	9	2.7	0.00
07/08/2023 05:50	2.1	88	8	2.8	0.00
07/08/2023 06:00	2.3	75	7	2.9	0.00
07/08/2023 06:10	2.4	71	6	2.8	0.00
07/08/2023 06:20	2.1	73	7	2.5	0.00
07/08/2023 06:30	2.1	74	7	2.7	0.00
07/08/2023 06:40	1.9	74	7	2.4	0.00
07/08/2023 06:50	1.9	71	6	2.3	0.00
07/08/2023 07:00	1.8	68	7	2.3	0.00
07/08/2023 07:10	1.9	74	6	2.4	0.00
07/08/2023 07:20	1.8	78	7	2.3	0.00
07/08/2023 07:30	2.1	78	10	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 07:40	2.4	84	9	3.1	0.00
07/08/2023 07:50	2.5	86	10	3.2	0.00
07/08/2023 08:00	2.4	87	9	3.2	0.00
07/08/2023 08:10	2.3	87	11	3.0	0.00
07/08/2023 08:20	2.3	87	11	2.9	0.00
07/08/2023 08:30	3.0	90	14	4.7	0.00
07/08/2023 08:40	4.6	84	12	6.0	0.00
07/08/2023 08:50	5.1	96	12	6.9	0.00
07/08/2023 09:00	5.0	87	13	7.1	0.00
07/08/2023 09:10	5.5	87	12	7.5	0.00
07/08/2023 09:20	6.2	90	11	8.7	0.00
07/08/2023 09:30	5.9	92	10	7.9	0.00
07/08/2023 09:40	5.8	89	13	8.1	0.00
07/08/2023 09:50	5.5	81	13	7.5	0.00
07/08/2023 10:00	5.2	72	12	7.2	0.00
07/08/2023 10:10	5.3	73	11	6.4	0.00
07/08/2023 10:20	6.7	71	10	8.7	0.00
07/08/2023 10:30	6.4	78	12	8.4	0.00
07/08/2023 10:40	6.9	78	13	9.8	0.00
07/08/2023 10:50	7.4	80	13	9.6	0.00
07/08/2023 11:00	6.3	82	12	8.3	0.00
07/08/2023 11:10	6.9	78	11	9.3	0.00
07/08/2023 11:20	7.5	70	11	9.8	0.00
07/08/2023 11:30	7.1	83	10	10.2	0.00
07/08/2023 11:40	7.1	79	11	10.0	0.00
07/08/2023 11:50	6.6	80	11	8.5	0.00
07/08/2023 12:00	6.7	71	12	8.7	0.00
07/08/2023 12:10	6.0	78	14	8.1	0.00
07/08/2023 12:20	6.0	81	11	8.4	0.00
07/08/2023 12:30	5.7	80	14	8.3	0.00
07/08/2023 12:40	6.5	68	13	9.5	0.00
07/08/2023 12:50	6.7	67	11	9.1	0.00
07/08/2023 13:00	6.6	64	11	8.7	0.00
07/08/2023 13:10	7.0	66	11	9.3	0.00
07/08/2023 13:20	7.3	70	13	9.4	0.00
07/08/2023 13:30	6.2	68	12	8.3	0.00
07/08/2023 13:40	6.3	67	13	8.7	0.00
07/08/2023 13:50	6.7	67	13	9.1	0.00
07/08/2023 14:00	6.2	71	12	8.7	0.00
07/08/2023 14:10	6.7	71	11	9.1	0.00
07/08/2023 14:20	6.2	69	13	8.5	0.00
07/08/2023 14:30	6.6	66	13	8.6	0.00
07/08/2023 14:40	7.0	65	12	9.9	0.00
07/08/2023 14:50	7.3	68	11	9.9	0.00
07/08/2023 15:00	7.3	64	11	10.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 15:10	7.4	66	11	9.9	0.00
07/08/2023 15:20	6.9	69	11	10.0	0.00
07/08/2023 15:30	7.3	67	12	10.0	0.00
07/08/2023 15:40	6.6	70	13	9.2	0.00
07/08/2023 15:50	6.8	68	10	10.3	0.00
07/08/2023 16:00	6.8	62	12	9.5	0.00
07/08/2023 16:10	6.2	64	10	9.6	0.00
07/08/2023 16:20	5.7	68	11	8.5	0.00
07/08/2023 16:30	6.2	63	12	9.3	0.00
07/08/2023 16:40	6.1	64	11	8.3	0.00
07/08/2023 16:50	6.6	68	11	9.3	0.00
07/08/2023 17:00	6.3	68	11	8.7	0.00
07/08/2023 17:10	5.8	64	13	8.1	0.00
07/08/2023 17:20	6.1	50	12	8.6	0.00
07/08/2023 17:30	5.0	45	11	7.7	0.00
07/08/2023 17:40	5.9	46	14	8.3	0.00
07/08/2023 17:50	6.2	45	12	8.4	0.00
07/08/2023 18:00	5.4	42	14	7.5	0.00
07/08/2023 18:10	5.7	41	12	7.8	0.00
07/08/2023 18:20	5.7	40	14	7.6	0.00
07/08/2023 18:30	5.3	43	13	7.2	0.00
07/08/2023 18:40	5.5	42	12	7.4	0.00
07/08/2023 18:50	5.6	43	13	8.2	0.00
07/08/2023 19:00	5.4	41	14	7.7	0.00
07/08/2023 19:10	5.0	43	12	7.7	0.00
07/08/2023 19:20	5.2	41	13	7.3	0.00
07/08/2023 19:30	5.3	41	12	7.2	0.00
07/08/2023 19:40	5.3	41	12	6.9	0.00
07/08/2023 19:50	4.9	40	12	7.2	0.00
07/08/2023 20:00	5.0	43	14	6.8	0.00
07/08/2023 20:10	5.0	39	12	6.7	0.00
07/08/2023 20:20	4.8	41	13	6.8	0.00
07/08/2023 20:30	4.9	39	12	6.8	0.00
07/08/2023 20:40	4.1	40	12	5.6	0.00
07/08/2023 20:50	3.6	34	14	5.3	0.00
07/08/2023 21:00	4.5	37	15	6.0	0.00
07/08/2023 21:10	3.7	34	14	5.6	0.00
07/08/2023 21:20	4.2	37	12	5.6	0.00
07/08/2023 21:30	4.0	40	13	5.6	0.00
07/08/2023 21:40	3.8	39	11	5.2	0.00
07/08/2023 21:50	3.6	40	13	5.2	0.00
07/08/2023 22:00	2.3	26	15	3.7	0.00
07/08/2023 22:10	2.1	29	15	2.9	0.00
07/08/2023 22:20	2.0	19	16	3.1	0.00
07/08/2023 22:30	2.4	14	16	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 22:40	2.4	14	17	3.3	0.00
07/08/2023 22:50	2.5	6	18	3.9	0.00
07/08/2023 23:00	1.8	22	17	2.8	0.00
07/08/2023 23:10	1.0	55	21	1.6	0.00
07/08/2023 23:20	1.3	92	11	1.8	0.00
07/08/2023 23:30	0.4	59	14	0.8	0.00
07/08/2023 23:40	0.3	274	6	1.0	0.00
07/08/2023 23:50	0.9	197	14	1.2	0.00
08/08/2023 00:00	0.4	150	18	1.0	0.00
08/08/2023 00:10	0.5	145	14	1.2	0.00
08/08/2023 00:20	0.9	77	10	1.3	0.00
08/08/2023 00:30					0.00
08/08/2023 00:40	0.6	19	14	1.1	0.00
08/08/2023 00:50	0.5	86	22	1.4	0.00
08/08/2023 01:00	0.5	48	24	1.2	0.00
08/08/2023 01:10	2.2	105	14	3.2	0.00
08/08/2023 01:20	1.4	105	11	2.3	0.00
08/08/2023 01:30	0.1	111	5	1.1	0.00
08/08/2023 01:40	0.0	111	2	0.4	0.00
08/08/2023 01:50	0.1	95	6	0.6	0.00
08/08/2023 02:00	0.3	87	7	0.8	0.00
08/08/2023 02:10	0.1	91	8	0.5	0.00
08/08/2023 02:20	0.1	83	10	0.6	0.00
08/08/2023 02:30	0.1	90	8	0.5	0.00
08/08/2023 02:40	0.2	80	6	0.6	0.00
08/08/2023 02:50	0.1	26	18	0.4	0.00
08/08/2023 03:00	0.0	234	16	0.4	0.00
08/08/2023 03:10	0.0	56	0	0.4	0.00
08/08/2023 03:20	0.0	156	5	0.4	0.00
08/08/2023 03:30	0.1	60	9	0.6	0.00
08/08/2023 03:40	0.4	92	11	0.8	0.00
08/08/2023 03:50	0.7	89	12	1.4	0.00
08/08/2023 04:00	0.6	90	15	1.4	0.00
08/08/2023 04:10	0.6	93	17	1.3	0.00
08/08/2023 04:20	0.4	110	12	1.2	0.00
08/08/2023 04:30	0.7	104	14	1.5	0.00
08/08/2023 04:40	0.5	92	9	1.2	0.00
08/08/2023 04:50	0.2	85	7	0.8	0.00
08/08/2023 05:00	0.0	289	1	0.4	0.00
08/08/2023 05:10	0.0	84	2	0.4	0.00
08/08/2023 05:20	0.1	112	7	0.9	0.00
08/08/2023 05:30	2.1	104	11	3.6	0.00
08/08/2023 05:40	3.1	106	11	4.5	0.00
08/08/2023 05:50	3.2	103	9	4.1	0.00
08/08/2023 06:00	3.2	106	9	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 06:10	3.3	100	10	4.6	0.00
08/08/2023 06:20	3.4	102	9	4.4	0.00
08/08/2023 06:30	2.9	94	10	3.5	0.00
08/08/2023 06:40	3.1	92	9	4.0	0.00
08/08/2023 06:50	2.8	93	9	3.8	0.00
08/08/2023 07:00	2.6	87	9	3.4	0.00
08/08/2023 07:10	2.6	85	11	3.5	0.00
08/08/2023 07:20	2.5	88	9	3.3	0.00
08/08/2023 07:30	2.8	80	9	3.8	0.00
08/08/2023 07:40	2.8	89	11	3.6	0.00
08/08/2023 07:50	3.6	79	10	4.7	0.00
08/08/2023 08:00	3.4	89	14	4.3	0.00
08/08/2023 08:10	2.9	89	13	4.4	0.00
08/08/2023 08:20	3.5	90	12	4.4	0.00
08/08/2023 08:30	3.5	95	11	4.7	0.00
08/08/2023 08:40	3.2	91	13	4.1	0.00
08/08/2023 08:50	4.0	87	10	4.9	0.00
08/08/2023 09:00	4.0	93	12	5.1	0.00
08/08/2023 09:10	4.1	99	12	5.2	0.00
08/08/2023 09:20	3.3	97	13	4.4	0.00
08/08/2023 09:30	3.5	98	13	4.4	0.00
08/08/2023 09:40	3.4	107	15	4.6	0.00
08/08/2023 09:50	3.5	103	15	5.0	0.00
08/08/2023 10:00	4.0	110	13	5.6	0.00
08/08/2023 10:10	3.9	107	13	5.2	0.00
08/08/2023 10:20	3.7	109	15	5.0	0.00
08/08/2023 10:30	3.7	104	13	5.0	0.00
08/08/2023 10:40	3.7	95	12	4.8	0.00
08/08/2023 10:50	3.7	95	14	4.8	0.00
08/08/2023 11:00	3.5	102	17	4.9	0.00
08/08/2023 11:10	3.9	98	15	5.6	0.00
08/08/2023 11:20	4.8	91	12	6.7	0.00
08/08/2023 11:30	5.4	92	13	7.0	0.00
08/08/2023 11:40	5.7	90	13	7.5	0.00
08/08/2023 11:50	5.6	92	14	7.7	0.00
08/08/2023 12:00	5.7	88	12	7.9	0.00
08/08/2023 12:10	5.9	88	12	7.8	0.00
08/08/2023 12:20	6.1	94	11	8.3	0.00
08/08/2023 12:30	6.0	88	12	7.9	0.00
08/08/2023 12:40	6.2	82	13	8.1	0.00
08/08/2023 12:50	6.3	81	13	8.9	0.00
08/08/2023 13:00	6.4	83	12	8.7	0.00
08/08/2023 13:10	6.2	80	13	8.1	0.00
08/08/2023 13:20	5.7	78	14	7.7	0.00
08/08/2023 13:30	6.2	73	13	9.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 13:40	6.4	81	13	8.9	0.00
08/08/2023 13:50	6.7	79	12	8.4	0.00
08/08/2023 14:00	6.1	73	11	8.7	0.00
08/08/2023 14:10	6.0	67	12	7.6	0.00
08/08/2023 14:20	5.4	69	11	7.7	0.00
08/08/2023 14:30	5.4	74	14	7.7	0.00
08/08/2023 14:40	6.0	79	10	7.9	0.00
08/08/2023 14:50	5.2	73	12	7.4	0.00
08/08/2023 15:00	5.2	76	12	7.8	0.00
08/08/2023 15:10	5.1	72	11	7.2	0.00
08/08/2023 15:20	5.5	76	12	7.1	0.00
08/08/2023 15:30	5.2	70	14	7.0	0.00
08/08/2023 15:40	4.7	70	12	7.2	0.00
08/08/2023 15:50	5.0	65	13	6.7	0.00
08/08/2023 16:00	5.4	65	11	7.2	0.00
08/08/2023 16:10	5.0	60	11	6.4	0.00
08/08/2023 16:20	4.6	63	13	6.0	0.00
08/08/2023 16:30	4.7	53	14	6.2	0.00
08/08/2023 16:40	4.4	59	12	6.0	0.00
08/08/2023 16:50	3.3	36	19	5.0	0.00
08/08/2023 17:00	3.5	46	12	4.9	0.00
08/08/2023 17:10	3.5	48	12	4.8	0.00
08/08/2023 17:20	3.3	50	13	4.4	0.00
08/08/2023 17:30	3.2	44	11	4.2	0.00
08/08/2023 17:40	3.0	52	10	4.0	0.00
08/08/2023 17:50	2.9	58	9	4.0	0.00
08/08/2023 18:00	2.8	57	11	3.5	0.00
08/08/2023 18:10	2.3	59	8	2.8	0.00
08/08/2023 18:20	2.4	60	8	3.1	0.00
08/08/2023 18:30	2.8	59	8	4.0	0.00
08/08/2023 18:40	3.1	59	9	4.0	0.00
08/08/2023 18:50	2.9	56	10	3.8	0.00
08/08/2023 19:00	2.3	53	11	3.2	0.00
08/08/2023 19:10	2.3	58	10	2.9	0.00
08/08/2023 19:20	2.2	54	9	2.7	0.00
08/08/2023 19:30	2.4	55	9	3.3	0.00
08/08/2023 19:40	2.3	53	9	2.7	0.00
08/08/2023 19:50	2.0	57	6	2.5	0.00
08/08/2023 20:00	2.2	50	7	2.6	0.00
08/08/2023 20:10	2.2	39	15	3.4	0.00
08/08/2023 20:20	1.7	28	15	2.4	0.00
08/08/2023 20:30	1.4	41	14	1.8	0.00
08/08/2023 20:40	1.3	59	19	2.4	0.00
08/08/2023 20:50	0.6	160	45	1.2	0.00
08/08/2023 21:00	0.8	167	39	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 21:10	0.8	67	40	1.5	0.00
08/08/2023 21:20	1.3	193	35	2.0	0.00
08/08/2023 21:30	1.1	248	19	1.6	0.00
08/08/2023 21:40	0.9	234	27	1.3	0.00
08/08/2023 21:50	0.8	163	56	1.5	0.00
08/08/2023 22:00	0.7	264	17	1.3	0.00
08/08/2023 22:10	0.6	272	14	1.2	0.00
08/08/2023 22:20	0.4	316	10	1.0	0.00
08/08/2023 22:30	0.4	165	7	0.8	0.00
08/08/2023 22:40	0.2	343	9	0.8	0.00
08/08/2023 22:50					0.00
08/08/2023 23:00	0.5	246	46	1.2	0.00
08/08/2023 23:10	0.9	118	59	1.4	0.00
08/08/2023 23:20	0.5	194	13	1.4	0.00
08/08/2023 23:30	1.1	290	20	1.5	0.00
08/08/2023 23:40	0.4	98	5	1.2	0.00
08/08/2023 23:50					0.00
09/08/2023 00:00	0.4	301	3	1.1	0.00
09/08/2023 00:10					0.00
09/08/2023 00:20	0.8	292	4	1.3	0.00
09/08/2023 00:30	0.1	306	2	1.1	0.00
09/08/2023 00:40	0.4	295	7	1.1	0.00
09/08/2023 00:50	0.9	300	9	1.4	0.00
09/08/2023 01:00	0.6	298	10	1.2	0.00
09/08/2023 01:10	0.1	247	1	1.2	0.00
09/08/2023 01:20	1.4	230	11	1.8	0.00
09/08/2023 01:30	1.0	279	19	1.5	0.00
09/08/2023 01:40	0.3	198	3	1.1	0.00
09/08/2023 01:50	0.2	35	7	0.9	0.00
09/08/2023 02:00	1.2	293	18	1.9	0.00
09/08/2023 02:10	0.2	238	11	0.9	0.00
09/08/2023 02:20	0.5	276	17	1.3	0.00
09/08/2023 02:30	0.3	225	20	1.1	0.00
09/08/2023 02:40					0.00
09/08/2023 02:50	0.7	278	17	1.6	0.00
09/08/2023 03:00	0.6	296	5	1.1	0.00
09/08/2023 03:10	0.5	292	4	1.2	0.00
09/08/2023 03:20	0.8	292	9	1.2	0.00
09/08/2023 03:30	0.9	299	9	1.3	0.00
09/08/2023 03:40	1.1	301	5	1.6	0.00
09/08/2023 03:50	1.0	297	7	1.5	0.00
09/08/2023 04:00	1.1	303	7	1.5	0.00
09/08/2023 04:10	0.6	326	14	1.2	0.00
09/08/2023 04:20	0.8	302	10	1.5	0.00
09/08/2023 04:30	0.9	180	19	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 04:40	1.1	340	51	1.6	0.00
09/08/2023 04:50	0.7	192	18	1.1	0.00
09/08/2023 05:00	0.6	40	41	1.1	0.00
09/08/2023 05:10	0.9	68	33	1.6	0.00
09/08/2023 05:20	1.5	83	14	2.4	0.00
09/08/2023 05:30	1.8	94	11	2.5	0.00
09/08/2023 05:40	1.3	98	21	2.1	0.00
09/08/2023 05:50	1.0	77	46	1.9	0.00
09/08/2023 06:00	0.7	202	30	1.3	0.00
09/08/2023 06:10	1.0	47	35	1.6	0.00
09/08/2023 06:20	0.8	121	39	1.3	0.00
09/08/2023 06:30	0.7	132	41	1.3	0.00
09/08/2023 06:40	1.3	125	19	2.0	0.00
09/08/2023 06:50	0.2	238	28	0.9	0.00
09/08/2023 07:00	0.8	140	21	1.5	0.00
09/08/2023 07:10	0.6	261	23	1.3	0.00
09/08/2023 07:20	0.7	224	59	1.6	0.00
09/08/2023 07:30	2.0	248	18	3.7	0.00
09/08/2023 07:40	1.2	162	21	2.1	0.00
09/08/2023 07:50	0.5	172	35	1.2	0.00
09/08/2023 08:00	0.5	159	41	1.0	0.00
09/08/2023 08:10	1.3	189	44	2.1	0.00
09/08/2023 08:20	1.5	143	57	3.1	0.00
09/08/2023 08:30	2.2	132	16	3.2	0.00
09/08/2023 08:40	2.6	125	16	3.6	0.00
09/08/2023 08:50	2.3	124	17	3.2	0.00
09/08/2023 09:00	2.7	99	13	3.8	0.00
09/08/2023 09:10	3.2	90	13	4.4	0.00
09/08/2023 09:20	3.1	96	12	4.2	0.00
09/08/2023 09:30	2.7	101	17	3.7	0.00
09/08/2023 09:40	3.1	96	12	4.2	0.00
09/08/2023 09:50	3.3	95	13	4.4	0.00
09/08/2023 10:00	3.2	94	11	4.4	0.00
09/08/2023 10:10	2.8	90	15	4.0	0.00
09/08/2023 10:20	2.6	97	14	3.9	0.00
09/08/2023 10:30	2.7	80	21	3.8	0.00
09/08/2023 10:40	2.4	89	20	3.5	0.00
09/08/2023 10:50	2.8	97	17	3.8	0.00
09/08/2023 11:00	3.0	97	15	4.1	0.00
09/08/2023 11:10	3.1	83	14	4.4	0.00
09/08/2023 11:20	3.4	81	13	4.6	0.00
09/08/2023 11:30	3.3	87	12	4.5	0.00
09/08/2023 11:40	3.1	88	19	4.3	0.00
09/08/2023 11:50	3.5	83	13	5.1	0.00
09/08/2023 12:00	3.4	90	12	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 12:10	3.7	85	12	5.1	0.00
09/08/2023 12:20	3.6	83	15	5.1	0.00
09/08/2023 12:30	3.8	85	15	5.0	0.00
09/08/2023 12:40	3.8	84	15	5.0	0.00
09/08/2023 12:50	4.1	89	16	6.0	0.00
09/08/2023 13:00	4.2	79	13	5.4	0.00
09/08/2023 13:10	4.0	79	14	5.3	0.00
09/08/2023 13:20	4.1	80	15	5.6	0.00
09/08/2023 13:30	4.0	83	17	5.4	0.00
09/08/2023 13:40	4.3	85	11	5.6	0.00
09/08/2023 13:50	4.0	85	13	6.0	0.00
09/08/2023 14:00	4.2	95	14	5.4	0.00
09/08/2023 14:10	4.5	85	12	6.0	0.00
09/08/2023 14:20	4.9	89	15	6.7	0.00
09/08/2023 14:30	4.8	88	9	6.4	0.00
09/08/2023 14:40	4.5	92	13	6.1	0.00
09/08/2023 14:50	4.2	96	16	5.6	0.00
09/08/2023 15:00	4.1	100	16	5.6	0.00
09/08/2023 15:10	4.3	82	15	6.1	0.00
09/08/2023 15:20	4.3	86	12	6.1	0.00
09/08/2023 15:30	4.3	79	12	5.7	0.00
09/08/2023 15:40	4.5	77	12	5.7	0.00
09/08/2023 15:50	4.5	81	13	5.7	0.00
09/08/2023 16:00	4.3	83	13	5.7	0.00
09/08/2023 16:10	4.5	80	11	6.4	0.00
09/08/2023 16:20	4.4	81	12	5.7	0.00
09/08/2023 16:30	4.8	78	11	6.3	0.00
09/08/2023 16:40	4.5	80	11	6.1	0.00
09/08/2023 16:50	5.1	73	10	6.6	0.00
09/08/2023 17:00	4.6	74	10	6.0	0.00
09/08/2023 17:10	3.9	72	11	5.9	0.00
09/08/2023 17:20	3.4	74	12	4.6	0.00
09/08/2023 17:30	3.7	73	10	4.9	0.00
09/08/2023 17:40	2.9	68	10	4.3	0.00
09/08/2023 17:50	2.8	66	10	3.9	0.00
09/08/2023 18:00	3.0	68	9	3.9	0.00
09/08/2023 18:10	2.8	70	9	3.7	0.00
09/08/2023 18:20	2.3	53	10	3.4	0.00
09/08/2023 18:30	2.0	59	9	2.8	0.00
09/08/2023 18:40	2.3	62	7	2.9	0.00
09/08/2023 18:50	2.4	53	10	3.4	0.00
09/08/2023 19:00	2.2	57	10	2.9	0.00
09/08/2023 19:10	2.3	47	11	3.1	0.00
09/08/2023 19:20	2.2	57	9	3.1	0.00
09/08/2023 19:30	2.1	51	8	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 19:40	2.4	44	10	3.1	0.00
09/08/2023 19:50	2.1	46	10	2.7	0.00
09/08/2023 20:00	2.1	47	8	2.4	0.00
09/08/2023 20:10	2.1	33	9	2.8	0.00
09/08/2023 20:20	1.7	34	12	2.5	0.00
09/08/2023 20:30	2.1	45	9	2.6	0.00
09/08/2023 20:40	1.7	22	20	2.2	0.00
09/08/2023 20:50	1.7	37	17	2.4	0.00
09/08/2023 21:00	1.5	34	15	2.1	0.00
09/08/2023 21:10	2.5	44	10	3.2	0.00
09/08/2023 21:20	1.9	26	13	2.5	0.00
09/08/2023 21:30	2.0	32	16	2.8	0.00
09/08/2023 21:40	1.4	30	22	2.4	0.00
09/08/2023 21:50	1.0	21	19	1.5	0.00
09/08/2023 22:00	1.5	21	24	2.7	0.00
09/08/2023 22:10	1.0	28	19	1.6	0.00
09/08/2023 22:20	1.1	31	24	1.6	0.00
09/08/2023 22:30	1.3	18	22	2.2	0.00
09/08/2023 22:40	0.8	43	36	1.3	0.00
09/08/2023 22:50	0.7	117	40	1.1	0.00
09/08/2023 23:00	0.6	193	36	1.5	0.00
09/08/2023 23:10	0.9	210	28	1.6	0.00
09/08/2023 23:20	1.6	37	20	2.1	0.00
09/08/2023 23:30	0.4	121	20	1.0	0.00
09/08/2023 23:40	0.8	285	27	1.2	0.00
09/08/2023 23:50	1.3	101	13	1.8	0.00
10/08/2023 00:00	0.8	56	22	1.7	0.00
10/08/2023 00:10	1.0	26	25	1.6	0.00
10/08/2023 00:20	1.1	348	42	1.9	0.00
10/08/2023 00:30	1.3	64	31	2.4	0.00
10/08/2023 00:40	0.4	115	19	0.9	0.00
10/08/2023 00:50	0.7	101	17	1.2	0.00
10/08/2023 01:00	0.8	92	23	1.6	0.00
10/08/2023 01:10	0.8	325	30	1.3	0.00
10/08/2023 01:20	0.9	215	22	1.9	0.00
10/08/2023 01:30	0.8	44	59	1.6	0.00
10/08/2023 01:40	0.8	325	40	1.5	0.00
10/08/2023 01:50	0.2	172	10	1.0	0.00
10/08/2023 02:00	1.1	280	15	1.7	0.00
10/08/2023 02:10	0.4	209	33	1.2	0.00
10/08/2023 02:20	0.4	297	19	1.1	0.00
10/08/2023 02:30	0.6	230	25	1.2	0.00
10/08/2023 02:40	1.3	216	46	1.8	0.00
10/08/2023 02:50	0.4	278	28	1.2	0.00
10/08/2023 03:00	0.8	213	38	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 03:10	0.2	282	6	0.9	0.00
10/08/2023 03:20	0.7	289	10	1.2	0.00
10/08/2023 03:30	0.9	294	6	1.3	0.00
10/08/2023 03:40	0.4	222	17	1.2	0.00
10/08/2023 03:50	1.1	176	45	1.7	0.00
10/08/2023 04:00	0.7	293	15	1.5	0.00
10/08/2023 04:10	0.8	287	8	1.3	0.00
10/08/2023 04:20	0.6	191	20	1.2	0.00
10/08/2023 04:30	0.5	291	8	1.4	0.00
10/08/2023 04:40	1.0	292	14	1.7	0.00
10/08/2023 04:50	0.4	289	9	1.0	0.00
10/08/2023 05:00	0.8	286	6	1.5	0.00
10/08/2023 05:10	0.6	287	8	1.2	0.00
10/08/2023 05:20	0.7	172	14	1.4	0.00
10/08/2023 05:30	1.1	184	10	1.6	0.00
10/08/2023 05:40	1.6	306	18	2.0	0.00
10/08/2023 05:50	0.9	113	40	1.4	0.00
10/08/2023 06:00	0.5	302	17	1.2	0.00
10/08/2023 06:10	1.0	299	7	2.1	0.00
10/08/2023 06:20	0.7	198	33	1.2	0.00
10/08/2023 06:30	1.0	323	21	1.2	0.00
10/08/2023 06:40	0.0	185	3	0.4	0.00
10/08/2023 06:50	0.7	295	44	1.6	0.00
10/08/2023 07:00	0.4	184	30	1.0	0.00
10/08/2023 07:10	0.5	74	17	1.0	0.00
10/08/2023 07:20	0.4	207	8	1.1	0.00
10/08/2023 07:30	1.2	96	13	2.0	0.00
10/08/2023 07:40	1.2	95	14	1.6	0.00
10/08/2023 07:50	2.0	92	10	2.5	0.00
10/08/2023 08:00	2.3	90	15	3.3	0.00
10/08/2023 08:10	2.1	100	15	3.2	0.00
10/08/2023 08:20	2.7	92	10	3.6	0.00
10/08/2023 08:30	2.8	98	11	4.0	0.00
10/08/2023 08:40	3.3	98	11	4.6	0.00
10/08/2023 08:50	2.9	102	14	3.6	0.00
10/08/2023 09:00	3.2	103	10	4.5	0.00
10/08/2023 09:10	3.7	105	11	4.8	0.00
10/08/2023 09:20	3.4	104	12	4.9	0.00
10/08/2023 09:30	3.2	108	12	4.5	0.00
10/08/2023 09:40	2.5	105	16	3.6	0.00
10/08/2023 09:50	2.9	109	13	4.1	0.00
10/08/2023 10:00	3.1	106	14	4.2	0.00
10/08/2023 10:10	3.2	115	15	4.4	0.00
10/08/2023 10:20	3.0	99	15	4.1	0.00
10/08/2023 10:30	3.2	92	13	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 10:40	2.5	97	19	3.5	0.00
10/08/2023 10:50	2.5	91	18	3.6	0.00
10/08/2023 11:00	3.1	90	13	4.1	0.00
10/08/2023 11:10	3.0	98	14	4.2	0.00
10/08/2023 11:20	2.8	92	14	4.4	0.00
10/08/2023 11:30	2.9	97	17	4.0	0.00
10/08/2023 11:40	2.2	95	25	3.6	0.00
10/08/2023 11:50	2.9	92	16	4.2	0.00
10/08/2023 12:00	3.1	97	18	4.5	0.00
10/08/2023 12:10	2.5	105	18	3.8	0.00
10/08/2023 12:20	2.3	86	32	3.7	0.00
10/08/2023 12:30	2.5	94	23	3.6	0.00
10/08/2023 12:40	2.5	101	18	3.3	0.00
10/08/2023 12:50	2.3	87	18	3.4	0.00
10/08/2023 13:00	2.4	278	74	4.0	0.00
10/08/2023 13:10	1.6	216	58	3.8	0.00
10/08/2023 13:20	2.7	48	35	4.3	0.00
10/08/2023 13:30	3.0	56	28	4.4	0.00
10/08/2023 13:40	3.3	77	16	4.4	0.00
10/08/2023 13:50	3.9	89	14	5.3	0.00
10/08/2023 14:00	2.9	59	22	4.3	0.00
10/08/2023 14:10	2.7	41	27	4.6	0.00
10/08/2023 14:20	3.2	48	21	4.8	0.00
10/08/2023 14:30	2.8	37	23	4.0	0.00
10/08/2023 14:40	2.4	25	32	3.5	0.00
10/08/2023 14:50	2.6	50	48	4.4	0.00
10/08/2023 15:00	3.5	77	13	4.9	0.00
10/08/2023 15:10	3.1	66	14	4.5	0.00
10/08/2023 15:20	2.7	64	21	4.2	0.00
10/08/2023 15:30	2.9	85	17	4.4	0.00
10/08/2023 15:40	3.1	79	12	4.4	0.00
10/08/2023 15:50	2.2	69	17	3.6	0.00
10/08/2023 16:00	1.9	36	26	2.8	0.00
10/08/2023 16:10	1.3	214	40	2.1	0.00
10/08/2023 16:20	1.1	72	31	2.0	0.00
10/08/2023 16:30	2.3	274	39	3.4	0.00
10/08/2023 16:40	2.6	267	19	3.7	0.00
10/08/2023 16:50	2.8	290	12	3.6	0.00
10/08/2023 17:00	2.5	299	10	3.3	0.00
10/08/2023 17:10	2.5	295	10	3.4	0.00
10/08/2023 17:20	2.1	298	12	2.8	0.00
10/08/2023 17:30	2.4	299	10	3.2	0.00
10/08/2023 17:40	2.7	296	12	3.7	0.00
10/08/2023 17:50	2.4	300	10	3.4	0.00
10/08/2023 18:00	2.1	307	10	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 18:10	2.2	305	11	2.8	0.00
10/08/2023 18:20	2.1	309	11	2.7	0.00
10/08/2023 18:30	2.4	308	12	3.2	0.00
10/08/2023 18:40	2.3	315	12	3.2	0.00
10/08/2023 18:50	2.1	323	18	3.1	0.00
10/08/2023 19:00	2.4	313	16	3.2	0.00
10/08/2023 19:10	2.3	324	18	3.0	0.00
10/08/2023 19:20	1.0	324	22	2.0	0.00
10/08/2023 19:30	0.3	170	28	1.0	0.00
10/08/2023 19:40	0.7	257	28	1.7	0.00
10/08/2023 19:50	1.0	254	38	1.6	0.00
10/08/2023 20:00	0.8	281	20	1.6	0.00
10/08/2023 20:10	0.6	287	23	1.8	0.00
10/08/2023 20:20	0.8	298	36	1.4	0.00
10/08/2023 20:30	0.8	306	17	1.7	0.00
10/08/2023 20:40	1.7	254	26	2.5	0.00
10/08/2023 20:50	0.6	301	41	1.2	0.00
10/08/2023 21:00	0.7	280	17	1.3	0.00
10/08/2023 21:10	0.9	273	30	1.4	0.00
10/08/2023 21:20	0.2	301	17	0.8	0.00
10/08/2023 21:30	0.5	253	15	0.8	0.00
10/08/2023 21:40	0.8	242	15	1.2	0.00
10/08/2023 21:50	0.6	142	32	1.2	0.00
10/08/2023 22:00	0.9	202	28	1.6	0.00
10/08/2023 22:10	0.3	127	21	1.1	0.00
10/08/2023 22:20					0.00
10/08/2023 22:30	0.0	114	0	0.4	0.00
10/08/2023 22:40					0.00
10/08/2023 22:50					0.00
10/08/2023 23:00	0.0	265	0	0.4	0.00
10/08/2023 23:10					0.00
10/08/2023 23:20	0.0	289	0	0.4	0.00
10/08/2023 23:30	0.0	249	0	0.4	0.00
10/08/2023 23:40	0.2	229	11	0.6	0.00
10/08/2023 23:50	0.5	239	10	1.3	0.00
11/08/2023 00:00	0.0	206	2	0.4	0.00
11/08/2023 00:10	0.0	166	9	0.4	0.00
11/08/2023 00:20	0.3	31	10	0.6	0.00
11/08/2023 00:30	0.1	193	4	0.5	0.00
11/08/2023 00:40	0.2	245	9	0.5	0.00
11/08/2023 00:50	0.6	241	12	1.2	0.00
11/08/2023 01:00	0.7	236	11	1.6	0.00
11/08/2023 01:10	0.9	242	13	1.7	0.00
11/08/2023 01:20	1.2	243	12	2.3	0.00
11/08/2023 01:30	0.8	236	9	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 01:40	0.4	226	10	1.9	0.00
11/08/2023 01:50	0.3	254	7	1.3	0.00
11/08/2023 02:00	0.3	234	8	1.2	0.00
11/08/2023 02:10	0.2	235	4	1.5	0.00
11/08/2023 02:20	2.4	254	9	3.2	0.00
11/08/2023 02:30	1.7	231	13	2.4	0.00
11/08/2023 02:40	1.4	282	7	3.0	0.00
11/08/2023 02:50	2.8	264	8	3.4	0.00
11/08/2023 03:00	2.2	250	10	2.9	0.00
11/08/2023 03:10	1.2	209	33	2.0	0.00
11/08/2023 03:20	1.6	272	12	2.5	0.00
11/08/2023 03:30	1.9	251	14	2.4	0.00
11/08/2023 03:40	2.3	259	9	2.9	0.00
11/08/2023 03:50	1.0	221	22	1.9	0.00
11/08/2023 04:00	1.0	273	11	1.6	0.00
11/08/2023 04:10	1.2	243	15	1.8	0.00
11/08/2023 04:20	1.8	260	7	2.4	0.00
11/08/2023 04:30	0.8	131	48	1.3	0.00
11/08/2023 04:40	0.3	31	13	0.9	0.00
11/08/2023 04:50	0.6	226	9	1.2	0.00
11/08/2023 05:00	0.5	248	8	1.2	0.00
11/08/2023 05:10	0.5	181	13	1.0	0.00
11/08/2023 05:20	0.3	151	16	0.8	0.00
11/08/2023 05:30	0.4	226	9	1.1	0.00
11/08/2023 05:40	0.2	198	8	1.1	0.00
11/08/2023 05:50					0.00
11/08/2023 06:00					0.00
11/08/2023 06:10					0.00
11/08/2023 06:20					0.00
11/08/2023 06:30	0.7	40	13	1.2	0.00
11/08/2023 06:40	0.4	68	2	1.1	0.00
11/08/2023 06:50	0.2	242	5	0.9	0.00
11/08/2023 07:00	0.3	219	15	0.9	0.00
11/08/2023 07:10					0.00
11/08/2023 07:20					0.00
11/08/2023 07:30	0.4	239	5	1.5	0.00
11/08/2023 07:40	0.1	95	3	0.7	0.00
11/08/2023 07:50					0.00
11/08/2023 08:00	0.5	224	13	1.2	0.00
11/08/2023 08:10	0.5	161	20	1.0	0.00
11/08/2023 08:20	1.1	140	18	1.6	0.00
11/08/2023 08:30	0.7	144	21	1.2	0.00
11/08/2023 08:40	0.8	137	26	1.6	0.00
11/08/2023 08:50	1.7	117	15	2.5	0.00
11/08/2023 09:00	1.7	128	14	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 09:10	1.7	140	12	2.3	0.00
11/08/2023 09:20	1.4	117	19	2.5	0.00
11/08/2023 09:30	2.0	100	17	2.8	0.00
11/08/2023 09:40	1.7	113	16	2.3	0.00
11/08/2023 09:50	1.3	157	36	2.3	0.00
11/08/2023 10:00	1.4	154	44	2.5	0.00
11/08/2023 10:10	1.3	140	37	2.4	0.00
11/08/2023 10:20	2.0	140	31	2.7	0.00
11/08/2023 10:30	1.7	217	54	3.3	0.00
11/08/2023 10:40	1.3	188	31	2.2	0.00
11/08/2023 10:50	1.4	154	50	2.7	0.00
11/08/2023 11:00	2.2	233	24	3.2	0.00
11/08/2023 11:10	2.5	245	20	3.8	0.00
11/08/2023 11:20	3.0	249	18	4.1	0.00
11/08/2023 11:30	2.6	250	16	3.9	0.00
11/08/2023 11:40	2.5	245	18	3.9	0.00
11/08/2023 11:50	2.1	249	24	3.2	0.00
11/08/2023 12:00	2.8	251	19	4.1	0.00
11/08/2023 12:10	2.6	263	18	3.7	0.00
11/08/2023 12:20	3.0	255	13	4.3	0.00
11/08/2023 12:30	2.5	272	20	3.8	0.00
11/08/2023 12:40	2.6	278	27	4.0	0.00
11/08/2023 12:50	3.8	261	15	5.0	0.00
11/08/2023 13:00	2.9	275	23	3.9	0.00
11/08/2023 13:10	2.8	242	21	4.2	0.00
11/08/2023 13:20	2.8	250	16	4.0	0.00
11/08/2023 13:30	3.1	245	21	4.4	0.00
11/08/2023 13:40	2.9	243	19	4.3	0.00
11/08/2023 13:50	3.2	255	19	4.4	0.00
11/08/2023 14:00	3.5	267	21	5.0	0.00
11/08/2023 14:10	3.9	269	14	5.4	0.00
11/08/2023 14:20	4.2	270	13	5.3	0.00
11/08/2023 14:30	4.2	271	14	5.0	0.00
11/08/2023 14:40	4.2	268	16	6.1	0.00
11/08/2023 14:50	3.5	273	15	4.8	0.00
11/08/2023 15:00	3.6	269	15	5.1	0.00
11/08/2023 15:10	4.3	263	15	6.0	0.00
11/08/2023 15:20	5.0	261	9	6.3	0.00
11/08/2023 15:30	4.7	262	11	5.9	0.00
11/08/2023 15:40	4.5	261	10	5.7	0.00
11/08/2023 15:50	4.3	259	11	5.7	0.00
11/08/2023 16:00	4.6	264	12	6.0	0.00
11/08/2023 16:10	5.0	264	9	6.1	0.00
11/08/2023 16:20	4.4	262	11	5.6	0.00
11/08/2023 16:30	4.4	259	10	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 16:40	4.8	263	9	6.0	0.00
11/08/2023 16:50	4.7	262	10	6.1	0.00
11/08/2023 17:00	5.1	262	9	6.3	0.00
11/08/2023 17:10	5.0	264	10	6.4	0.00
11/08/2023 17:20	4.8	263	8	5.9	0.00
11/08/2023 17:30	4.7	263	9	5.6	0.00
11/08/2023 17:40	4.4	262	9	5.2	0.00
11/08/2023 17:50	4.3	264	9	5.8	0.00
11/08/2023 18:00	4.0	262	10	5.6	0.00
11/08/2023 18:10	4.4	263	8	5.7	0.00
11/08/2023 18:20	4.1	262	8	5.2	0.00
11/08/2023 18:30	3.9	263	11	4.8	0.00
11/08/2023 18:40	3.7	261	10	4.9	0.00
11/08/2023 18:50	3.3	260	10	4.1	0.00
11/08/2023 19:00	3.2	252	13	4.3	0.00
11/08/2023 19:10	3.3	252	11	4.6	0.00
11/08/2023 19:20	3.4	257	11	4.6	0.00
11/08/2023 19:30	2.4	247	11	3.2	0.00
11/08/2023 19:40	2.4	239	10	3.0	0.00
11/08/2023 19:50	2.3	238	10	2.9	0.00
11/08/2023 20:00	2.3	245	10	3.2	0.00
11/08/2023 20:10	2.6	251	10	3.1	0.00
11/08/2023 20:20	2.8	257	9	3.6	0.00
11/08/2023 20:30	2.7	256	11	3.6	0.00
11/08/2023 20:40	2.1	238	12	3.0	0.00
11/08/2023 20:50	1.1	233	13	1.7	0.00
11/08/2023 21:00	1.5	249	9	2.0	0.00
11/08/2023 21:10	2.1	253	8	2.7	0.00
11/08/2023 21:20	2.7	257	9	3.3	0.00
11/08/2023 21:30	3.0	260	9	4.0	0.00
11/08/2023 21:40	2.6	259	9	3.5	0.00
11/08/2023 21:50	1.9	255	8	2.5	0.00
11/08/2023 22:00	1.8	251	9	2.5	0.00
11/08/2023 22:10	2.0	255	9	2.7	0.00
11/08/2023 22:20	1.9	250	11	2.4	0.00
11/08/2023 22:30	2.3	251	8	2.9	0.00
11/08/2023 22:40	2.3	251	9	3.1	0.00
11/08/2023 22:50	2.6	250	10	3.5	0.00
11/08/2023 23:00	2.2	253	10	3.1	0.00
11/08/2023 23:10	2.5	255	10	3.3	0.00
11/08/2023 23:20	2.3	253	10	2.8	0.00
11/08/2023 23:30	2.1	247	11	2.6	0.00
11/08/2023 23:40	2.0	241	14	2.8	0.00
11/08/2023 23:50	1.3	246	13	1.8	0.00
12/08/2023 00:00	0.8	260	13	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 00:10	0.7	281	7	1.0	0.00
12/08/2023 00:20	1.4	276	7	1.8	0.00
12/08/2023 00:30	1.8	261	9	2.3	0.00
12/08/2023 00:40	1.7	268	8	2.4	0.00
12/08/2023 00:50	1.6	262	7	2.3	0.00
12/08/2023 01:00	1.6	262	8	2.0	0.00
12/08/2023 01:10	1.6	266	7	2.0	0.00
12/08/2023 01:20	2.2	273	7	2.8	0.00
12/08/2023 01:30	2.0	267	8	2.4	0.00
12/08/2023 01:40	2.3	276	6	2.6	0.00
12/08/2023 01:50	2.6	278	5	2.9	0.00
12/08/2023 02:00	2.0	272	6	2.6	0.00
12/08/2023 02:10	1.9	268	6	2.4	0.00
12/08/2023 02:20	2.3	276	7	2.6	0.00
12/08/2023 02:30	2.3	279	5	2.6	0.00
12/08/2023 02:40	1.7	272	7	2.1	0.00
12/08/2023 02:50	1.0	256	11	1.5	0.00
12/08/2023 03:00	1.3	250	12	1.7	0.00
12/08/2023 03:10	1.8	253	11	2.5	0.00
12/08/2023 03:20	2.0	255	12	3.0	0.00
12/08/2023 03:30	2.0	252	11	2.8	0.00
12/08/2023 03:40	1.9	255	9	2.5	0.00
12/08/2023 03:50	1.8	248	11	2.6	0.00
12/08/2023 04:00	1.5	242	13	2.1	0.00
12/08/2023 04:10	1.5	243	14	2.1	0.00
12/08/2023 04:20	1.7	245	12	2.4	0.00
12/08/2023 04:30	1.9	240	13	2.4	0.00
12/08/2023 04:40	1.7	248	12	2.3	0.00
12/08/2023 04:50	1.5	248	15	2.2	0.00
12/08/2023 05:00	1.4	244	15	2.0	0.00
12/08/2023 05:10	0.7	238	25	1.4	0.00
12/08/2023 05:20	1.2	255	17	1.8	0.00
12/08/2023 05:30	1.2	259	11	1.6	0.00
12/08/2023 05:40	1.7	268	12	2.3	0.00
12/08/2023 05:50	1.8	257	10	2.5	0.00
12/08/2023 06:00	1.4	241	17	2.4	0.00
12/08/2023 06:10	1.7	243	15	2.6	0.00
12/08/2023 06:20	2.1	239	15	3.0	0.00
12/08/2023 06:30	1.5	238	17	2.0	0.00
12/08/2023 06:40	1.0	256	20	1.4	0.00
12/08/2023 06:50	0.9	251	21	1.6	0.00
12/08/2023 07:00	0.3	223	26	1.0	0.00
12/08/2023 07:10	1.1	248	20	2.0	0.00
12/08/2023 07:20	1.6	255	9	2.1	0.00
12/08/2023 07:30	1.5	248	16	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 07:40	1.2	250	26	1.9	0.00
12/08/2023 07:50	0.4	98	21	1.1	0.00
12/08/2023 08:00	1.2	69	14	1.6	0.00
12/08/2023 08:10	2.1	61	12	2.9	0.00
12/08/2023 08:20	2.5	72	13	3.3	0.00
12/08/2023 08:30	2.6	86	11	3.3	0.00
12/08/2023 08:40	2.8	107	11	3.6	0.00
12/08/2023 08:50	2.5	114	16	3.4	0.00
12/08/2023 09:00	1.6	114	21	2.8	0.00
12/08/2023 09:10	1.7	129	24	2.4	0.00
12/08/2023 09:20	1.4	130	32	2.8	0.00
12/08/2023 09:30	2.0	121	27	3.5	0.00
12/08/2023 09:40	2.1	116	19	3.1	0.00
12/08/2023 09:50	1.8	87	30	2.9	0.00
12/08/2023 10:00	1.7	91	31	2.8	0.00
12/08/2023 10:10	1.3	181	78	2.3	0.00
12/08/2023 10:20	2.5	100	20	3.5	0.00
12/08/2023 10:30	2.3	111	17	3.3	0.00
12/08/2023 10:40	2.9	96	16	4.0	0.00
12/08/2023 10:50	1.7	135	37	2.5	0.00
12/08/2023 11:00	1.4	140	40	2.4	0.00
12/08/2023 11:10	2.7	300	41	4.0	0.00
12/08/2023 11:20	2.7	298	11	3.3	0.00
12/08/2023 11:30	2.0	303	19	2.8	0.00
12/08/2023 11:40	2.0	306	18	2.7	0.00
12/08/2023 11:50	1.8	288	35	2.8	0.00
12/08/2023 12:00	1.7	256	45	3.1	0.00
12/08/2023 12:10	2.7	305	18	3.9	0.00
12/08/2023 12:20	2.9	309	16	4.0	0.00
12/08/2023 12:30	2.9	298	14	3.9	0.00
12/08/2023 12:40	2.8	292	18	4.0	0.00
12/08/2023 12:50	3.1	295	11	4.1	0.00
12/08/2023 13:00	3.0	296	16	4.0	0.00
12/08/2023 13:10	3.1	300	10	4.3	0.00
12/08/2023 13:20	3.4	297	12	4.5	0.00
12/08/2023 13:30	3.4	294	12	4.5	0.00
12/08/2023 13:40	3.4	298	11	4.5	0.00
12/08/2023 13:50	3.8	297	12	4.8	0.00
12/08/2023 14:00	3.5	295	12	4.6	0.00
12/08/2023 14:10	3.7	299	13	5.1	0.00
12/08/2023 14:20	3.8	295	11	4.8	0.00
12/08/2023 14:30	3.9	300	10	5.0	0.00
12/08/2023 14:40	3.8	300	11	4.8	0.00
12/08/2023 14:50	3.6	303	14	4.8	0.00
12/08/2023 15:00	3.7	334	17	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 15:10	3.6	341	25	6.4	0.00
12/08/2023 15:20	3.2	316	30	5.3	0.00
12/08/2023 15:30	3.6	312	25	6.3	0.00
12/08/2023 15:40	4.2	301	15	6.0	0.00
12/08/2023 15:50	4.0	298	15	5.9	0.00
12/08/2023 16:00	4.1	299	12	5.4	0.00
12/08/2023 16:10	3.9	304	13	5.3	0.00
12/08/2023 16:20	3.9	301	13	5.7	0.00
12/08/2023 16:30	3.6	300	14	5.2	0.00
12/08/2023 16:40	3.5	287	16	4.9	0.00
12/08/2023 16:50	4.0	288	14	5.6	0.00
12/08/2023 17:00	4.3	289	13	5.6	0.00
12/08/2023 17:10	4.1	284	14	5.4	0.00
12/08/2023 17:20	3.4	279	19	4.8	0.00
12/08/2023 17:30	3.8	290	14	5.3	0.00
12/08/2023 17:40	3.7	292	12	5.2	0.00
12/08/2023 17:50	3.7	291	14	5.3	0.00
12/08/2023 18:00	3.5	285	14	5.4	0.00
12/08/2023 18:10	3.6	290	14	4.8	0.00
12/08/2023 18:20	3.4	287	14	4.8	0.00
12/08/2023 18:30	3.4	263	10	4.3	0.00
12/08/2023 18:40	3.2	261	11	4.1	0.00
12/08/2023 18:50	2.4	261	11	3.4	0.00
12/08/2023 19:00	3.1	264	12	4.1	0.00
12/08/2023 19:10	2.7	262	13	3.6	0.00
12/08/2023 19:20	2.8	264	13	3.6	0.00
12/08/2023 19:30	2.6	265	12	3.3	0.00
12/08/2023 19:40	2.8	266	13	3.6	0.00
12/08/2023 19:50	2.7	267	14	4.1	0.00
12/08/2023 20:00	3.1	266	11	4.2	0.00
12/08/2023 20:10	3.1	265	12	4.2	0.00
12/08/2023 20:20	3.7	263	10	4.9	0.00
12/08/2023 20:30	3.8	263	9	5.1	0.00
12/08/2023 20:40	4.2	262	9	5.5	0.00
12/08/2023 20:50	4.0	265	10	5.1	0.00
12/08/2023 21:00	4.1	265	11	5.2	0.00
12/08/2023 21:10	3.4	267	12	4.5	0.00
12/08/2023 21:20	3.9	271	12	5.2	0.00
12/08/2023 21:30	3.3	262	10	4.4	0.00
12/08/2023 21:40	3.6	264	10	4.8	0.00
12/08/2023 21:50	3.5	266	10	4.8	0.00
12/08/2023 22:00	3.8	264	11	4.9	0.00
12/08/2023 22:10	4.4	262	9	5.9	0.00
12/08/2023 22:20	4.1	263	8	5.5	0.00
12/08/2023 22:30	4.6	263	9	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 22:40	3.8	260	9	4.7	0.00
12/08/2023 22:50	4.0	261	11	5.3	0.00
12/08/2023 23:00	4.0	254	11	5.0	0.00
12/08/2023 23:10	3.8	254	9	5.0	0.00
12/08/2023 23:20	3.9	259	8	5.3	0.00
12/08/2023 23:30	4.0	265	8	5.2	0.00
12/08/2023 23:40	4.0	261	9	5.2	0.00
12/08/2023 23:50	4.5	262	9	5.6	0.00
13/08/2023 00:00	4.5	263	8	5.6	0.00
13/08/2023 00:10	3.9	256	9	5.2	0.00
13/08/2023 00:20	3.8	256	10	5.1	0.00
13/08/2023 00:30	3.9	259	11	5.3	0.00
13/08/2023 00:40	3.8	259	11	5.5	0.00
13/08/2023 00:50	4.8	255	10	6.4	0.00
13/08/2023 01:00	4.9	255	9	6.8	0.00
13/08/2023 01:10	4.8	254	10	6.4	0.00
13/08/2023 01:20	4.2	253	10	6.0	0.00
13/08/2023 01:30	4.8	252	10	6.2	0.00
13/08/2023 01:40	4.8	257	11	6.4	0.00
13/08/2023 01:50	4.6	256	10	6.1	0.00
13/08/2023 02:00	4.1	256	10	5.8	0.00
13/08/2023 02:10	4.5	256	11	6.4	0.00
13/08/2023 02:20	4.4	255	11	6.0	0.00
13/08/2023 02:30	4.0	254	11	5.2	0.00
13/08/2023 02:40	3.7	256	11	5.4	0.00
13/08/2023 02:50	3.7	255	11	5.0	0.00
13/08/2023 03:00	2.7	249	11	4.0	0.00
13/08/2023 03:10	2.0	249	11	3.6	0.00
13/08/2023 03:20	2.5	247	11	4.3	0.00
13/08/2023 03:30	2.5	244	12	3.9	0.00
13/08/2023 03:40	2.8	247	11	4.1	0.00
13/08/2023 03:50	2.5	243	12	4.2	0.00
13/08/2023 04:00	3.3	252	11	4.6	0.00
13/08/2023 04:10	3.3	250	12	4.4	0.00
13/08/2023 04:20	3.4	250	10	5.2	0.00
13/08/2023 04:30	3.0	249	11	4.4	0.00
13/08/2023 04:40	2.7	249	10	4.0	0.00
13/08/2023 04:50	2.9	248	12	4.4	0.00
13/08/2023 05:00	2.9	248	10	4.4	0.00
13/08/2023 05:10	2.8	250	11	4.0	0.00
13/08/2023 05:20	2.6	251	12	3.7	0.00
13/08/2023 05:30	3.0	253	11	4.6	0.00
13/08/2023 05:40	2.7	253	11	4.0	0.00
13/08/2023 05:50	2.4	252	10	3.7	0.00
13/08/2023 06:00	2.5	246	10	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 06:10	2.3	247	11	4.0	0.00
13/08/2023 06:20	2.9	251	8	3.8	0.00
13/08/2023 06:30	2.5	252	11	3.4	0.00
13/08/2023 06:40	2.7	250	11	4.1	0.00
13/08/2023 06:50	2.9	251	10	4.2	0.00
13/08/2023 07:00	2.9	251	11	4.0	0.00
13/08/2023 07:10	3.0	251	11	3.9	0.00
13/08/2023 07:20	2.8	247	11	3.6	0.00
13/08/2023 07:30	2.6	243	13	4.3	0.00
13/08/2023 07:40	2.8	241	11	4.2	0.00
13/08/2023 07:50	2.9	239	11	3.9	0.00
13/08/2023 08:00	2.6	237	14	3.7	0.00
13/08/2023 08:10	2.9	236	12	4.2	0.00
13/08/2023 08:20	3.3	235	16	4.6	0.00
13/08/2023 08:30	3.0	237	14	4.3	0.00
13/08/2023 08:40	3.3	237	15	4.5	0.00
13/08/2023 08:50	3.7	245	14	4.9	0.00
13/08/2023 09:00	3.7	243	15	4.9	0.00
13/08/2023 09:10	3.9	237	13	5.4	0.00
13/08/2023 09:20	4.2	238	15	5.6	0.00
13/08/2023 09:30	4.3	246	11	6.0	0.00
13/08/2023 09:40	3.5	237	13	5.2	0.00
13/08/2023 09:50	3.8	238	14	5.7	0.00
13/08/2023 10:00	4.0	233	18	5.2	0.00
13/08/2023 10:10	3.6	229	17	4.9	0.00
13/08/2023 10:20	3.5	230	14	5.0	0.00
13/08/2023 10:30	3.0	240	19	4.0	0.00
13/08/2023 10:40	3.4	264	13	4.7	0.00
13/08/2023 10:50	3.4	264	16	4.9	0.00
13/08/2023 11:00	3.3	272	17	4.4	0.00
13/08/2023 11:10	3.2	275	16	4.4	0.00
13/08/2023 11:20	3.8	263	11	5.0	0.00
13/08/2023 11:30	3.8	270	14	5.3	0.00
13/08/2023 11:40	4.2	264	12	5.6	0.00
13/08/2023 11:50	4.3	260	11	6.0	0.00
13/08/2023 12:00	4.6	258	11	6.0	0.00
13/08/2023 12:10	4.6	262	13	6.1	0.00
13/08/2023 12:20	4.1	265	15	5.3	0.00
13/08/2023 12:30	4.7	259	10	6.0	0.00
13/08/2023 12:40	4.1	259	11	5.2	0.00
13/08/2023 12:50	4.0	277	14	5.4	0.00
13/08/2023 13:00	4.5	264	15	6.0	0.00
13/08/2023 13:10	4.8	267	14	6.4	0.00
13/08/2023 13:20	5.0	261	11	6.3	0.00
13/08/2023 13:30	4.6	270	16	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 13:40	5.1	263	11	6.5	0.00
13/08/2023 13:50	5.1	260	12	6.6	0.00
13/08/2023 14:00	5.4	260	12	6.7	0.00
13/08/2023 14:10	5.1	260	12	6.8	0.00
13/08/2023 14:20	5.2	262	10	6.8	0.00
13/08/2023 14:30	4.8	261	12	6.2	0.00
13/08/2023 14:40	4.8	262	13	6.4	0.00
13/08/2023 14:50	4.8	258	13	6.5	0.00
13/08/2023 15:00	5.2	266	16	6.8	0.00
13/08/2023 15:10	5.5	259	11	7.2	0.00
13/08/2023 15:20	5.6	265	14	7.4	0.00
13/08/2023 15:30	5.3	260	11	7.2	0.00
13/08/2023 15:40	5.7	264	13	7.7	0.00
13/08/2023 15:50	5.0	258	16	7.5	0.00
13/08/2023 16:00	5.0	256	13	7.1	0.00
13/08/2023 16:10	5.4	255	12	7.5	0.00
13/08/2023 16:20	6.0	260	12	8.4	0.00
13/08/2023 16:30	5.9	258	12	7.9	0.00
13/08/2023 16:40	6.2	260	12	8.3	0.00
13/08/2023 16:50	5.6	261	11	7.7	0.00
13/08/2023 17:00	5.4	259	12	7.8	0.00
13/08/2023 17:10	5.8	260	11	7.9	0.00
13/08/2023 17:20	5.9	260	12	7.9	0.00
13/08/2023 17:30	5.9	261	12	7.8	0.00
13/08/2023 17:40	5.3	259	12	7.5	0.00
13/08/2023 17:50	5.6	262	10	7.4	0.00
13/08/2023 18:00	5.3	263	10	7.0	0.00
13/08/2023 18:10	5.5	262	11	7.6	0.00
13/08/2023 18:20	5.7	264	11	7.8	0.00
13/08/2023 18:30	5.0	263	12	7.1	0.00
13/08/2023 18:40	5.0	261	11	7.2	0.00
13/08/2023 18:50	4.7	260	10	6.8	0.00
13/08/2023 19:00	4.5	259	11	6.7	0.00
13/08/2023 19:10	5.4	257	11	7.5	0.00
13/08/2023 19:20	5.5	254	12	8.1	0.00
13/08/2023 19:30	5.2	257	13	7.3	0.00
13/08/2023 19:40	5.3	254	11	6.8	0.00
13/08/2023 19:50	5.0	255	11	7.1	0.00
13/08/2023 20:00	5.0	254	11	6.7	0.00
13/08/2023 20:10	4.4	254	11	6.0	0.00
13/08/2023 20:20	4.1	253	14	6.4	0.00
13/08/2023 20:30	4.9	256	12	6.5	0.00
13/08/2023 20:40	4.1	252	12	5.9	0.00
13/08/2023 20:50	4.1	246	15	6.0	0.00
13/08/2023 21:00	3.8	249	13	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 21:10	4.0	251	13	5.5	0.00
13/08/2023 21:20	3.3	243	16	4.9	0.00
13/08/2023 21:30	3.7	244	14	5.5	0.00
13/08/2023 21:40	3.5	253	11	4.8	0.00
13/08/2023 21:50	3.4	248	14	4.5	0.00
13/08/2023 22:00	3.3	243	13	5.0	0.00
13/08/2023 22:10	3.4	242	14	5.0	0.00
13/08/2023 22:20	3.0	250	13	4.8	0.00
13/08/2023 22:30	3.1	253	12	4.4	0.00
13/08/2023 22:40	3.2	252	12	4.4	0.00
13/08/2023 22:50	2.4	235	16	4.0	0.00
13/08/2023 23:00	3.0	235	14	4.1	0.00
13/08/2023 23:10	3.1	252	12	4.4	0.00
13/08/2023 23:20	3.0	253	14	4.0	0.00
13/08/2023 23:30	2.7	250	15	3.7	0.00
13/08/2023 23:40	3.1	251	12	4.4	0.00
13/08/2023 23:50	2.5	247	15	3.9	0.00
14/08/2023 00:00	2.5	252	12	3.9	0.00
14/08/2023 00:10	2.7	248	14	4.0	0.00
14/08/2023 00:20	2.6	251	11	3.6	0.00
14/08/2023 00:30	3.5	250	13	4.9	0.00
14/08/2023 00:40	4.2	246	15	6.4	0.00
14/08/2023 00:50	3.8	243	14	6.5	0.00
14/08/2023 01:00	3.6	251	13	5.3	0.00
14/08/2023 01:10	3.9	256	11	5.1	0.00
14/08/2023 01:20	4.4	257	12	6.0	0.00
14/08/2023 01:30	3.5	257	12	4.8	0.00
14/08/2023 01:40	3.4	256	11	4.9	0.00
14/08/2023 01:50	3.6	258	12	4.8	0.00
14/08/2023 02:00	4.0	257	11	5.6	0.00
14/08/2023 02:10	4.0	254	10	5.5	0.00
14/08/2023 02:20	3.3	252	12	4.3	0.00
14/08/2023 02:30	3.5	246	10	5.2	0.00
14/08/2023 02:40	3.8	246	10	5.5	0.00
14/08/2023 02:50	3.8	249	12	5.2	0.00
14/08/2023 03:00	3.6	244	12	4.8	0.00
14/08/2023 03:10	3.2	247	12	4.3	0.00
14/08/2023 03:20	3.7	243	13	5.0	0.00
14/08/2023 03:30	3.2	246	11	4.4	0.00
14/08/2023 03:40	2.8	245	13	4.0	0.00
14/08/2023 03:50	2.9	250	11	3.9	0.00
14/08/2023 04:00	2.6	250	12	3.6	0.00
14/08/2023 04:10	2.6	251	11	3.2	0.00
14/08/2023 04:20	2.9	253	11	3.6	0.00
14/08/2023 04:30	2.7	253	12	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 04:40	3.0	248	11	4.3	0.00
14/08/2023 04:50	2.9	248	11	3.7	0.00
14/08/2023 05:00	2.5	250	12	3.6	0.00
14/08/2023 05:10	2.1	261	13	3.0	0.00
14/08/2023 05:20	0.5	267	17	1.2	0.00
14/08/2023 05:30	0.8	276	7	1.4	0.00
14/08/2023 05:40	1.8	259	9	2.3	0.00
14/08/2023 05:50	1.8	258	8	2.2	0.00
14/08/2023 06:00	2.0	253	9	2.7	0.00
14/08/2023 06:10	2.3	258	11	3.0	0.00
14/08/2023 06:20	1.5	264	12	2.1	0.00
14/08/2023 06:30	1.6	249	10	2.0	0.00
14/08/2023 06:40	1.7	245	8	2.4	0.00
14/08/2023 06:50	2.1	252	7	2.7	0.00
14/08/2023 07:00	2.5	249	8	3.5	0.00
14/08/2023 07:10	2.5	247	12	3.7	0.00
14/08/2023 07:20	2.3	242	14	3.2	0.00
14/08/2023 07:30	2.6	238	12	3.6	0.00
14/08/2023 07:40	1.9	226	16	2.5	0.00
14/08/2023 07:50	2.0	228	12	2.8	0.00
14/08/2023 08:00	2.0	229	13	2.6	0.00
14/08/2023 08:10	1.9	240	16	2.7	0.00
14/08/2023 08:20	2.2	241	13	2.9	0.00
14/08/2023 08:30	1.8	231	15	2.5	0.00
14/08/2023 08:40	1.8	244	18	2.5	0.00
14/08/2023 08:50	1.9	244	17	2.7	0.00
14/08/2023 09:00	2.2	250	15	2.8	0.00
14/08/2023 09:10	2.2	245	15	3.0	0.00
14/08/2023 09:20	2.3	240	17	3.4	0.00
14/08/2023 09:30	3.2	259	17	4.1	0.00
14/08/2023 09:40	3.8	270	14	5.1	0.00
14/08/2023 09:50	3.8	264	10	4.6	0.00
14/08/2023 10:00	3.4	273	17	4.4	0.00
14/08/2023 10:10	3.6	276	21	4.9	0.00
14/08/2023 10:20	3.9	271	15	5.4	0.00
14/08/2023 10:30	3.8	265	18	5.3	0.00
14/08/2023 10:40	3.9	259	14	5.3	0.00
14/08/2023 10:50	4.1	260	14	5.5	0.00
14/08/2023 11:00	4.5	261	13	5.6	0.00
14/08/2023 11:10	4.4	270	15	5.6	0.00
14/08/2023 11:20	4.8	259	14	6.0	0.00
14/08/2023 11:30	4.3	262	17	6.1	0.00
14/08/2023 11:40	4.6	262	11	5.9	0.00
14/08/2023 11:50	4.2	256	14	5.8	0.00
14/08/2023 12:00	4.5	255	14	6.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 12:10	4.5	261	19	5.9	0.00
14/08/2023 12:20	4.2	253	14	5.8	0.00
14/08/2023 12:30	4.4	269	15	5.6	0.00
14/08/2023 12:40	4.4	261	18	5.6	0.00
14/08/2023 12:50	4.7	253	15	6.4	0.00
14/08/2023 13:00	4.9	250	12	6.4	0.00
14/08/2023 13:10	4.9	256	15	6.8	0.00
14/08/2023 13:20	4.9	258	13	6.8	0.00
14/08/2023 13:30	5.0	251	15	6.5	0.00
14/08/2023 13:40	5.2	251	14	7.1	0.00
14/08/2023 13:50	4.9	250	14	6.7	0.00
14/08/2023 14:00	4.9	247	13	6.4	0.00
14/08/2023 14:10	4.6	250	15	6.4	0.00
14/08/2023 14:20	4.7	257	13	6.3	0.00
14/08/2023 14:30	4.9	264	12	6.4	0.00
14/08/2023 14:40	4.8	249	12	6.5	0.00
14/08/2023 14:50	4.4	252	14	5.9	0.00
14/08/2023 15:00	4.3	252	14	6.0	0.00
14/08/2023 15:10	4.7	255	12	6.1	0.00
14/08/2023 15:20	4.5	254	15	6.7	0.00
14/08/2023 15:30	4.9	256	12	6.6	0.00
14/08/2023 15:40	5.0	254	12	6.8	0.00
14/08/2023 15:50	5.2	253	12	6.8	0.00
14/08/2023 16:00	4.9	252	11	6.8	0.00
14/08/2023 16:10	4.8	254	16	6.4	0.00
14/08/2023 16:20	5.2	249	11	6.8	0.00
14/08/2023 16:30	5.0	247	12	6.5	0.00
14/08/2023 16:40	4.6	247	14	6.2	0.00
14/08/2023 16:50	4.6	250	12	6.4	0.00
14/08/2023 17:00	4.4	250	13	5.9	0.00
14/08/2023 17:10	4.2	254	13	5.8	0.00
14/08/2023 17:20	3.9	250	12	5.3	0.00
14/08/2023 17:30	4.3	255	11	6.1	0.00
14/08/2023 17:40	4.1	257	12	5.5	0.00
14/08/2023 17:50	4.0	252	11	5.6	0.00
14/08/2023 18:00	4.1	258	13	5.4	0.00
14/08/2023 18:10	4.1	262	11	5.8	0.00
14/08/2023 18:20	3.9	263	11	5.2	0.00
14/08/2023 18:30	3.8	263	10	4.9	0.00
14/08/2023 18:40	3.6	262	11	5.0	0.00
14/08/2023 18:50	4.0	260	13	5.4	0.00
14/08/2023 19:00	4.5	262	11	6.1	0.00
14/08/2023 19:10	3.6	260	11	5.1	0.00
14/08/2023 19:20	3.7	262	12	5.0	0.00
14/08/2023 19:30	3.5	257	12	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 19:40	3.7	258	11	4.8	0.00
14/08/2023 19:50	3.5	254	12	4.9	0.00
14/08/2023 20:00	3.4	255	11	4.4	0.00
14/08/2023 20:10	3.2	249	11	4.8	0.00
14/08/2023 20:20	3.5	256	11	4.6	0.00
14/08/2023 20:30	3.3	262	10	4.4	0.00
14/08/2023 20:40	3.6	262	9	4.6	0.00
14/08/2023 20:50	3.3	255	10	4.5	0.00
14/08/2023 21:00	3.0	260	12	4.3	0.00
14/08/2023 21:10	3.5	252	12	4.8	0.00
14/08/2023 21:20	3.3	256	11	5.0	0.00
14/08/2023 21:30	3.5	248	11	4.8	0.00
14/08/2023 21:40	2.7	231	14	3.6	0.00
14/08/2023 21:50	2.2	227	17	3.6	0.00
14/08/2023 22:00	2.3	229	15	3.4	0.00
14/08/2023 22:10	2.4	236	12	3.4	0.00
14/08/2023 22:20	2.0	238	12	2.9	0.00
14/08/2023 22:30	2.0	237	14	2.6	0.00
14/08/2023 22:40	2.0	235	12	2.8	0.00
14/08/2023 22:50	1.5	247	12	2.2	0.00
14/08/2023 23:00	1.2	251	11	1.6	0.00
14/08/2023 23:10	1.3	246	15	1.8	0.00
14/08/2023 23:20	1.4	248	10	1.9	0.00
14/08/2023 23:30	1.2	244	13	1.6	0.00
14/08/2023 23:40	1.5	248	11	2.3	0.00
14/08/2023 23:50	0.8	247	10	1.4	0.00
15/08/2023 00:00	0.3	250	11	1.2	0.00
15/08/2023 00:10					0.00
15/08/2023 00:20					0.00
15/08/2023 00:30					0.00
15/08/2023 00:40					0.00
15/08/2023 00:50	1.3	252	8	2.3	0.00
15/08/2023 01:00	0.4	236	4	0.9	0.00
15/08/2023 01:10	1.7	252	8	2.3	0.00
15/08/2023 01:20	1.2	255	9	1.8	0.00
15/08/2023 01:30	0.9	227	18	1.4	0.00
15/08/2023 01:40	1.5	245	7	2.0	0.00
15/08/2023 01:50	1.6	253	5	2.0	0.00
15/08/2023 02:00	0.5	208	15	1.5	0.00
15/08/2023 02:10	0.4	221	7	0.9	0.00
15/08/2023 02:20					0.00
15/08/2023 02:30	0.2	242	7	0.9	0.00
15/08/2023 02:40	1.7	251	10	2.2	0.00
15/08/2023 02:50	1.0	242	15	2.1	0.00
15/08/2023 03:00	1.5	255	8	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 03:10	2.8	263	10	3.6	0.00
15/08/2023 03:20	3.0	267	10	4.3	0.00
15/08/2023 03:30	3.1	264	10	4.0	0.00
15/08/2023 03:40	2.7	262	9	3.5	0.00
15/08/2023 03:50	2.8	263	9	3.6	0.00
15/08/2023 04:00	2.7	262	7	3.2	0.00
15/08/2023 04:10	2.7	261	6	3.3	0.00
15/08/2023 04:20	2.8	260	7	3.3	0.00
15/08/2023 04:30	2.8	257	6	3.3	0.00
15/08/2023 04:40	2.5	260	6	2.9	0.00
15/08/2023 04:50	2.4	259	7	3.0	0.00
15/08/2023 05:00	2.3	260	7	2.8	0.00
15/08/2023 05:10	1.3	242	13	2.0	0.00
15/08/2023 05:20	0.8	163	22	1.6	0.00
15/08/2023 05:30	0.4	232	31	1.0	0.00
15/08/2023 05:40	0.3	270	11	1.0	0.00
15/08/2023 05:50					0.00
15/08/2023 06:00					0.00
15/08/2023 06:10					0.00
15/08/2023 06:20	0.5	292	4	1.1	0.00
15/08/2023 06:30					0.00
15/08/2023 06:40					0.00
15/08/2023 06:50					0.00
15/08/2023 07:00					0.00
15/08/2023 07:10					0.00
15/08/2023 07:20					0.00
15/08/2023 07:30					0.00
15/08/2023 07:40					0.00
15/08/2023 07:50					0.00
15/08/2023 08:00	1.3	310	46	2.7	0.00
15/08/2023 08:10	1.2	197	72	2.2	0.00
15/08/2023 08:20	1.4	195	47	2.4	0.00
15/08/2023 08:30	1.8	314	47	3.0	0.00
15/08/2023 08:40	2.1	331	44	3.7	0.00
15/08/2023 08:50	2.4	312	27	4.1	0.00
15/08/2023 09:00	1.8	336	32	3.2	0.00
15/08/2023 09:10	2.2	178	40	4.0	0.00
15/08/2023 09:20	2.7	357	30	5.2	0.00
15/08/2023 09:30	2.5	342	31	4.9	0.00
15/08/2023 09:40	2.6	324	28	4.1	0.00
15/08/2023 09:50	4.0	298	20	6.1	0.00
15/08/2023 10:00	4.4	292	14	6.1	0.00
15/08/2023 10:10	4.3	297	14	6.0	0.00
15/08/2023 10:20	4.4	289	16	6.0	0.00
15/08/2023 10:30	4.5	294	14	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 10:40	4.1	299	14	5.7	0.00
15/08/2023 10:50	4.5	293	17	6.0	0.00
15/08/2023 11:00	4.4	286	17	5.8	0.00
15/08/2023 11:10	4.5	295	18	7.0	0.00
15/08/2023 11:20	4.8	290	12	6.9	0.00
15/08/2023 11:30	4.7	297	14	6.4	0.00
15/08/2023 11:40	5.1	296	13	6.9	0.00
15/08/2023 11:50	4.9	288	15	6.7	0.00
15/08/2023 12:00	5.2	282	16	6.8	0.00
15/08/2023 12:10	5.1	293	14	7.2	0.00
15/08/2023 12:20	4.7	294	16	6.6	0.00
15/08/2023 12:30	4.9	294	13	6.8	0.00
15/08/2023 12:40	4.9	294	14	6.8	0.00
15/08/2023 12:50	5.5	292	13	7.5	0.00
15/08/2023 13:00	5.5	287	17	7.8	0.00
15/08/2023 13:10	4.8	288	17	6.6	0.00
15/08/2023 13:20	5.0	290	16	7.2	0.00
15/08/2023 13:30	5.2	288	15	6.9	0.00
15/08/2023 13:40	5.1	296	17	7.2	0.00
15/08/2023 13:50	5.3	298	14	7.3	0.00
15/08/2023 14:00	4.9	297	14	7.5	0.00
15/08/2023 14:10	4.9	297	17	6.9	0.00
15/08/2023 14:20	4.9	297	16	6.7	0.00
15/08/2023 14:30	5.5	295	15	7.2	0.00
15/08/2023 14:40	5.0	295	15	6.9	0.00
15/08/2023 14:50	4.7	295	13	6.7	0.00
15/08/2023 15:00	5.6	294	15	7.9	0.00
15/08/2023 15:10	4.8	278	17	7.6	0.00
15/08/2023 15:20	6.0	256	12	7.9	0.00
15/08/2023 15:30	5.2	251	13	7.3	0.00
15/08/2023 15:40	5.0	259	14	6.8	0.00
15/08/2023 15:50	4.9	257	13	7.6	0.00
15/08/2023 16:00	4.5	260	15	6.4	0.00
15/08/2023 16:10	5.1	257	11	7.5	0.00
15/08/2023 16:20	5.4	256	13	7.1	0.00
15/08/2023 16:30	4.8	255	15	7.0	0.00
15/08/2023 16:40	5.3	258	12	7.3	0.00
15/08/2023 16:50	4.8	256	12	7.2	0.00
15/08/2023 17:00	5.5	257	13	7.3	0.00
15/08/2023 17:10	5.2	262	11	6.6	0.00
15/08/2023 17:20	5.3	263	10	7.0	0.00
15/08/2023 17:30	5.7	260	11	7.9	0.00
15/08/2023 17:40	5.4	263	11	7.6	0.00
15/08/2023 17:50	5.4	264	11	6.8	0.00
15/08/2023 18:00	4.8	267	13	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 18:10	4.4	263	11	6.0	0.00
15/08/2023 18:20	4.9	267	12	6.4	0.00
15/08/2023 18:30	5.4	265	12	7.2	0.00
15/08/2023 18:40	5.0	262	12	6.9	0.00
15/08/2023 18:50	5.5	262	10	7.2	0.00
15/08/2023 19:00	5.4	261	12	7.4	0.00
15/08/2023 19:10	4.9	259	11	6.6	0.00
15/08/2023 19:20	5.1	259	11	7.1	0.00
15/08/2023 19:30	5.4	259	11	7.2	0.00
15/08/2023 19:40	4.9	261	11	6.9	0.00
15/08/2023 19:50	5.1	256	11	7.5	0.00
15/08/2023 20:00	4.9	256	12	6.9	0.00
15/08/2023 20:10	4.3	257	12	6.5	0.00
15/08/2023 20:20	4.8	254	13	7.2	0.00
15/08/2023 20:30	5.0	256	11	7.3	0.00
15/08/2023 20:40	5.1	257	12	6.8	0.00
15/08/2023 20:50	5.0	254	12	7.8	0.00
15/08/2023 21:00	5.4	256	11	7.1	0.00
15/08/2023 21:10	5.4	255	10	7.4	0.00
15/08/2023 21:20	5.1	256	12	6.8	0.00
15/08/2023 21:30	4.9	258	11	6.9	0.00
15/08/2023 21:40	5.0	258	12	7.1	0.00
15/08/2023 21:50	4.3	255	13	6.1	0.00
15/08/2023 22:00	4.8	257	12	6.6	0.00
15/08/2023 22:10	5.5	257	13	7.3	0.00
15/08/2023 22:20	5.5	255	12	7.5	0.00
15/08/2023 22:30	6.0	255	12	8.7	0.00
15/08/2023 22:40	5.7	256	12	8.3	0.00
15/08/2023 22:50	5.8	259	11	8.8	0.00
15/08/2023 23:00	5.7	253	12	8.3	0.00
15/08/2023 23:10	6.5	255	12	9.4	0.00
15/08/2023 23:20	6.5	254	12	9.1	0.00
15/08/2023 23:30	6.2	254	12	8.2	0.00
15/08/2023 23:40	5.5	252	11	7.7	0.00
15/08/2023 23:50	6.0	250	13	8.9	0.00
16/08/2023 00:00	6.0	256	12	8.6	0.00
16/08/2023 00:10	7.0	253	11	9.6	0.00
16/08/2023 00:20	6.7	255	12	9.7	0.00
16/08/2023 00:30	6.1	255	11	9.1	0.00
16/08/2023 00:40	6.7	254	11	9.3	0.00
16/08/2023 00:50	5.5	253	14	8.5	0.00
16/08/2023 01:00	5.4	251	13	7.9	0.00
16/08/2023 01:10	4.5	252	13	6.4	0.00
16/08/2023 01:20	4.8	253	13	7.0	0.00
16/08/2023 01:30	5.6	245	14	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 01:40	5.3	244	11	7.6	0.00
16/08/2023 01:50	5.4	246	12	7.7	0.00
16/08/2023 02:00	5.7	250	13	7.9	0.00
16/08/2023 02:10	4.9	249	14	7.2	0.00
16/08/2023 02:20	5.4	253	12	7.9	0.00
16/08/2023 02:30	5.5	250	11	7.5	0.00
16/08/2023 02:40	5.5	255	12	7.3	0.00
16/08/2023 02:50	5.2	255	12	7.1	0.00
16/08/2023 03:00	4.0	251	12	6.1	0.00
16/08/2023 03:10	4.3	257	13	6.3	0.00
16/08/2023 03:20	4.2	255	13	5.8	0.00
16/08/2023 03:30	4.0	257	11	5.3	0.00
16/08/2023 03:40	4.0	260	12	5.2	0.00
16/08/2023 03:50	4.1	257	11	5.7	0.00
16/08/2023 04:00	3.3	249	12	4.5	0.00
16/08/2023 04:10	3.7	250	11	4.8	0.00
16/08/2023 04:20	3.2	246	14	5.0	0.00
16/08/2023 04:30	2.5	246	14	4.0	0.00
16/08/2023 04:40	3.2	246	14	4.5	0.00
16/08/2023 04:50	3.1	249	12	4.7	0.00
16/08/2023 05:00	2.8	251	13	4.0	0.00
16/08/2023 05:10	3.3	244	14	4.7	0.00
16/08/2023 05:20	3.5	242	12	4.9	0.00
16/08/2023 05:30	3.4	245	13	4.8	0.00
16/08/2023 05:40	3.2	244	14	4.9	0.00
16/08/2023 05:50	3.7	247	11	5.0	0.00
16/08/2023 06:00	3.0	248	11	3.8	0.00
16/08/2023 06:10	2.8	247	13	4.0	0.00
16/08/2023 06:20	3.1	247	12	4.2	0.00
16/08/2023 06:30	2.9	248	14	4.2	0.00
16/08/2023 06:40	2.8	250	15	4.4	0.00
16/08/2023 06:50	2.2	260	16	3.1	0.00
16/08/2023 07:00	2.4	264	14	3.2	0.00
16/08/2023 07:10	2.9	265	11	3.8	0.00
16/08/2023 07:20	2.4	265	13	3.2	0.00
16/08/2023 07:30	2.4	253	16	4.0	0.00
16/08/2023 07:40	3.2	242	16	4.8	0.00
16/08/2023 07:50	2.6	240	18	4.3	0.00
16/08/2023 08:00	2.9	235	17	4.8	0.00
16/08/2023 08:10	3.4	233	17	5.6	0.00
16/08/2023 08:20	3.6	234	16	5.2	0.00
16/08/2023 08:30	3.8	235	16	6.3	0.00
16/08/2023 08:40	3.5	231	21	5.9	0.00
16/08/2023 08:50	4.2	223	25	6.6	0.00
16/08/2023 09:00	3.5	226	20	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 09:10	3.5	226	23	5.5	0.00
16/08/2023 09:20	3.1	231	49	5.2	0.00
16/08/2023 09:30	2.8	242	70	4.9	0.00
16/08/2023 09:40	2.9	231	69	4.9	0.00
16/08/2023 09:50	2.4	243	83	4.8	0.00
16/08/2023 10:00	2.6	127	81	4.3	0.00
16/08/2023 10:10	2.3	308	94	4.4	0.00
16/08/2023 10:20	2.5	131	89	4.3	0.00
16/08/2023 10:30	2.2	286	92	3.8	0.00
16/08/2023 10:40	2.4	267	82	5.2	0.00
16/08/2023 10:50	2.3	161	93	4.3	0.00
16/08/2023 11:00	2.3	244	86	4.4	0.00
16/08/2023 11:10	3.4	217	48	5.7	0.00
16/08/2023 11:20	2.4	228	67	4.6	0.00
16/08/2023 11:30	1.8	139	82	3.3	0.00
16/08/2023 11:40	2.9	198	64	4.8	0.00
16/08/2023 11:50	2.0	196	64	3.6	0.00
16/08/2023 12:00	2.9	229	46	5.2	0.00
16/08/2023 12:10	3.5	228	22	6.8	0.00
16/08/2023 12:20	2.5	223	36	4.8	0.00
16/08/2023 12:30	3.7	254	18	5.2	0.00
16/08/2023 12:40	4.5	274	14	6.1	0.00
16/08/2023 12:50	4.4	262	18	6.1	0.00
16/08/2023 13:00	4.4	268	17	5.9	0.00
16/08/2023 13:10	4.7	273	14	6.4	0.00
16/08/2023 13:20	5.0	268	15	6.6	0.00
16/08/2023 13:30	4.8	271	14	6.5	0.00
16/08/2023 13:40	5.0	275	15	6.8	0.00
16/08/2023 13:50	5.2	265	14	8.4	0.00
16/08/2023 14:00	6.3	268	16	8.8	0.00
16/08/2023 14:10	5.9	272	15	8.5	0.00
16/08/2023 14:20	6.6	264	13	8.8	0.00
16/08/2023 14:30	7.4	262	10	9.2	0.00
16/08/2023 14:40	6.9	257	10	9.0	0.00
16/08/2023 14:50	7.7	261	10	10.1	0.00
16/08/2023 15:00	6.6	259	12	8.6	0.00
16/08/2023 15:10	6.6	263	12	9.7	0.00
16/08/2023 15:20	6.2	262	10	8.9	0.00
16/08/2023 15:30	6.8	263	12	9.2	0.00
16/08/2023 15:40	6.7	259	11	9.5	0.00
16/08/2023 15:50	6.7	262	12	9.9	0.00
16/08/2023 16:00	6.6	261	13	9.5	0.00
16/08/2023 16:10	6.2	258	11	9.5	0.00
16/08/2023 16:20	6.6	262	12	10.0	0.00
16/08/2023 16:30	7.5	262	11	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 16:40	7.1	264	11	9.5	0.00
16/08/2023 16:50	7.3	262	10	9.8	0.00
16/08/2023 17:00	6.5	264	10	8.7	0.00
16/08/2023 17:10	6.8	262	10	8.7	0.00
16/08/2023 17:20	6.7	263	11	8.7	0.00
16/08/2023 17:30	6.6	262	11	9.5	0.00
16/08/2023 17:40	6.4	263	11	8.3	0.00
16/08/2023 17:50	5.3	265	14	7.3	0.00
16/08/2023 18:00	6.3	263	10	8.5	0.00
16/08/2023 18:10	6.1	262	8	7.6	0.00
16/08/2023 18:20	4.6	264	12	6.6	0.00
16/08/2023 18:30	5.2	260	10	7.1	0.00
16/08/2023 18:40	4.9	264	12	6.8	0.00
16/08/2023 18:50	3.9	267	13	5.4	0.00
16/08/2023 19:00	4.4	261	10	6.2	0.00
16/08/2023 19:10	4.2	261	11	5.7	0.00
16/08/2023 19:20	4.4	262	12	6.0	0.00
16/08/2023 19:30	2.8	255	13	3.7	0.00
16/08/2023 19:40	2.3	254	10	3.5	0.00
16/08/2023 19:50	2.4	254	10	3.7	0.00
16/08/2023 20:00	2.5	241	12	3.5	0.00
16/08/2023 20:10	3.3	235	13	4.9	0.00
16/08/2023 20:20	3.4	231	13	4.8	0.00
16/08/2023 20:30	3.7	231	13	5.6	0.00
16/08/2023 20:40	3.6	232	15	5.3	0.00
16/08/2023 20:50	3.9	229	14	5.5	0.00
16/08/2023 21:00	3.9	229	14	5.4	0.00
16/08/2023 21:10	3.5	227	15	4.8	0.00
16/08/2023 21:20	3.2	228	17	5.0	0.00
16/08/2023 21:30	4.0	221	13	5.5	0.00
16/08/2023 21:40	3.6	222	16	5.1	0.00
16/08/2023 21:50	3.1	216	17	4.1	0.00
16/08/2023 22:00	3.3	218	15	4.2	0.00
16/08/2023 22:10	3.7	214	13	4.8	0.00
16/08/2023 22:20	3.6	218	17	4.8	0.00
16/08/2023 22:30	3.5	217	14	4.8	0.00
16/08/2023 22:40	2.8	217	27	4.1	0.00
16/08/2023 22:50	2.3	216	30	3.2	0.00
16/08/2023 23:00	1.8	213	50	2.9	0.00
16/08/2023 23:10	1.5	217	62	2.4	0.00
16/08/2023 23:20	1.3	221	65	2.1	0.00
16/08/2023 23:30	2.1	218	29	2.9	0.00
16/08/2023 23:40	1.5	235	63	2.4	0.00
16/08/2023 23:50	1.0	249	71	1.7	0.00
17/08/2023 00:00	1.2	255	71	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 00:10	1.2	296	88	2.1	0.00
17/08/2023 00:20	1.3	307	78	2.2	0.00
17/08/2023 00:30	1.7	225	54	2.5	0.00
17/08/2023 00:40	2.6	217	19	3.6	0.00
17/08/2023 00:50	2.0	220	17	2.7	0.00
17/08/2023 01:00	2.0	220	18	2.6	0.00
17/08/2023 01:10	2.5	221	13	3.2	0.00
17/08/2023 01:20	2.1	217	23	3.2	0.00
17/08/2023 01:30	1.7	217	26	2.8	0.00
17/08/2023 01:40	1.1	271	81	2.2	0.00
17/08/2023 01:50	1.4	268	86	2.5	0.00
17/08/2023 02:00	1.5	262	89	2.4	0.00
17/08/2023 02:10	1.5	205	79	2.4	0.00
17/08/2023 02:20	1.6	25	88	2.8	0.00
17/08/2023 02:30	1.6	183	86	2.7	0.00
17/08/2023 02:40	1.7	91	73	2.7	0.00
17/08/2023 02:50	1.9	137	64	3.7	0.00
17/08/2023 03:00	2.1	129	55	3.3	0.00
17/08/2023 03:10	2.3	138	50	3.7	0.00
17/08/2023 03:20	2.5	138	37	3.9	0.00
17/08/2023 03:30	2.5	144	43	4.3	0.00
17/08/2023 03:40	2.6	141	39	3.9	0.00
17/08/2023 03:50	2.7	139	27	3.9	0.00
17/08/2023 04:00	2.7	144	19	4.0	0.00
17/08/2023 04:10	2.9	140	17	4.4	0.00
17/08/2023 04:20	3.0	142	21	4.3	0.00
17/08/2023 04:30	3.3	142	19	4.6	0.00
17/08/2023 04:40	2.3	143	20	4.0	0.00
17/08/2023 04:50	1.9	145	15	2.7	0.00
17/08/2023 05:00	1.8	145	17	2.6	0.00
17/08/2023 05:10	1.7	144	19	2.4	0.00
17/08/2023 05:20	1.9	140	16	2.7	0.00
17/08/2023 05:30	2.5	136	17	3.7	0.00
17/08/2023 05:40	2.6	135	13	3.6	0.00
17/08/2023 05:50	2.6	135	15	3.5	0.00
17/08/2023 06:00	2.5	127	15	3.5	0.00
17/08/2023 06:10	2.9	122	12	4.1	0.00
17/08/2023 06:20	3.7	126	16	6.1	0.00
17/08/2023 06:30	3.5	126	14	5.0	0.00
17/08/2023 06:40	3.6	128	14	5.3	0.00
17/08/2023 06:50	3.9	129	17	5.9	0.00
17/08/2023 07:00	3.7	127	14	6.4	0.00
17/08/2023 07:10	3.5	124	14	5.1	0.00
17/08/2023 07:20	3.5	126	14	4.8	0.00
17/08/2023 07:30	3.3	125	14	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 07:40	3.0	125	15	4.6	0.00
17/08/2023 07:50	3.2	130	14	4.8	0.00
17/08/2023 08:00	3.1	131	16	4.4	0.00
17/08/2023 08:10	4.0	119	11	5.4	0.00
17/08/2023 08:20	3.2	106	12	4.6	0.00
17/08/2023 08:30	2.9	108	14	4.3	0.00
17/08/2023 08:40	3.2	108	16	4.7	0.00
17/08/2023 08:50	4.2	101	15	5.8	0.00
17/08/2023 09:00	4.9	109	12	6.6	0.00
17/08/2023 09:10	4.7	109	13	6.5	0.00
17/08/2023 09:20	4.1	124	17	6.0	0.00
17/08/2023 09:30	4.3	117	14	6.6	0.00
17/08/2023 09:40	4.1	121	16	5.9	0.00
17/08/2023 09:50	5.5	111	12	8.1	0.00
17/08/2023 10:00	6.1	105	12	8.2	0.00
17/08/2023 10:10	6.1	109	13	7.9	0.00
17/08/2023 10:20	5.7	105	12	8.0	0.00
17/08/2023 10:30	5.6	109	12	7.7	0.00
17/08/2023 10:40	4.7	95	14	6.7	0.00
17/08/2023 10:50	5.5	88	13	7.7	0.00
17/08/2023 11:00	5.9	93	13	7.9	0.00
17/08/2023 11:10	5.5	91	12	7.5	0.00
17/08/2023 11:20	5.9	92	14	8.2	0.00
17/08/2023 11:30	5.5	88	11	7.6	0.00
17/08/2023 11:40	5.4	88	14	7.0	0.00
17/08/2023 11:50	5.3	82	15	7.9	0.00
17/08/2023 12:00	5.4	88	16	7.8	0.00
17/08/2023 12:10	5.9	75	13	8.4	0.00
17/08/2023 12:20	5.7	71	13	7.5	0.00
17/08/2023 12:30	5.8	72	11	7.7	0.00
17/08/2023 12:40	5.1	77	14	7.5	0.00
17/08/2023 12:50	5.2	79	14	7.9	0.00
17/08/2023 13:00	6.2	82	12	8.1	0.00
17/08/2023 13:10	6.0	71	14	8.1	0.00
17/08/2023 13:20	5.9	76	13	8.0	0.00
17/08/2023 13:30	5.9	78	12	7.8	0.00
17/08/2023 13:40	6.2	72	13	8.3	0.00
17/08/2023 13:50	5.9	71	12	8.5	0.00
17/08/2023 14:00	5.8	73	10	7.5	0.00
17/08/2023 14:10	6.1	69	12	8.3	0.00
17/08/2023 14:20	5.7	74	11	7.6	0.00
17/08/2023 14:30	5.6	65	12	7.6	0.00
17/08/2023 14:40	5.3	67	15	7.0	0.00
17/08/2023 14:50	5.8	59	13	7.8	0.00
17/08/2023 15:00	5.4	60	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 15:10	5.4	63	11	6.8	0.00
17/08/2023 15:20	5.2	63	12	7.4	0.00
17/08/2023 15:30	5.4	60	13	7.1	0.00
17/08/2023 15:40	5.2	63	12	7.6	0.00
17/08/2023 15:50	5.2	60	13	7.2	0.00
17/08/2023 16:00	5.2	64	12	7.1	0.00
17/08/2023 16:10	5.3	65	12	7.1	0.00
17/08/2023 16:20	5.1	61	12	6.6	0.00
17/08/2023 16:30	4.8	59	13	6.4	0.00
17/08/2023 16:40	4.6	60	12	6.0	0.00
17/08/2023 16:50	4.5	61	12	6.2	0.00
17/08/2023 17:00	4.4	58	12	5.5	0.00
17/08/2023 17:10	4.0	61	12	5.2	0.00
17/08/2023 17:20	2.8	43	24	4.4	0.00
17/08/2023 17:30	2.2	302	25	3.6	0.00
17/08/2023 17:40	5.2	260	10	6.7	0.00
17/08/2023 17:50	3.6	277	16	5.0	0.00
17/08/2023 18:00	2.9	268	15	4.1	0.00
17/08/2023 18:10	2.3	277	17	3.3	0.00
17/08/2023 18:20	2.6	291	15	3.5	0.00
17/08/2023 18:30	2.3	277	16	3.2	0.00
17/08/2023 18:40	3.2	260	11	4.4	0.00
17/08/2023 18:50	3.4	251	12	4.8	0.00
17/08/2023 19:00	3.4	249	12	4.4	0.00
17/08/2023 19:10	3.0	248	11	4.4	0.00
17/08/2023 19:20	3.3	242	13	4.3	0.00
17/08/2023 19:30	2.9	247	11	4.0	0.00
17/08/2023 19:40	3.3	244	12	4.5	0.00
17/08/2023 19:50	3.5	247	11	4.6	0.00
17/08/2023 20:00	2.8	247	11	3.7	0.00
17/08/2023 20:10	2.5	250	11	3.2	0.00
17/08/2023 20:20	2.5	247	10	3.4	0.00
17/08/2023 20:30	2.0	240	13	2.9	0.00
17/08/2023 20:40	1.8	239	11	2.5	0.00
17/08/2023 20:50	1.8	237	13	2.4	0.00
17/08/2023 21:00	2.0	236	12	2.7	0.00
17/08/2023 21:10	1.6	242	12	2.2	0.00
17/08/2023 21:20	1.8	237	15	2.8	0.00
17/08/2023 21:30	2.0	236	12	2.7	0.00
17/08/2023 21:40	1.7	235	14	2.6	0.00
17/08/2023 21:50	2.0	234	13	2.8	0.00
17/08/2023 22:00	2.1	235	13	2.8	0.00
17/08/2023 22:10	1.9	246	14	2.7	0.00
17/08/2023 22:20	1.6	250	11	2.2	0.00
17/08/2023 22:30	1.6	257	10	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 22:40	1.9	248	10	2.4	0.00
17/08/2023 22:50	2.5	244	11	3.6	0.00
17/08/2023 23:00	2.4	247	10	3.0	0.00
17/08/2023 23:10	2.5	239	13	3.3	0.00
17/08/2023 23:20	2.8	251	17	4.3	0.00
17/08/2023 23:30	2.0	256	21	3.8	0.00
17/08/2023 23:40	2.2	235	22	3.3	0.00
17/08/2023 23:50	1.7	212	57	3.1	0.00
18/08/2023 00:00	1.2	197	58	2.8	0.00
18/08/2023 00:10	1.5	222	81	3.2	0.00
18/08/2023 00:20	1.1	197	64	2.0	0.00
18/08/2023 00:30	0.3	188	31	1.0	0.00
18/08/2023 00:40	0.9	224	45	1.3	0.00
18/08/2023 00:50	0.8	283	71	1.7	0.00
18/08/2023 01:00	0.9	295	18	1.6	0.00
18/08/2023 01:10	1.2	268	50	1.9	0.00
18/08/2023 01:20	0.9	186	55	1.5	0.00
18/08/2023 01:30	0.6	102	51	1.2	0.00
18/08/2023 01:40	0.9	166	51	1.5	0.00
18/08/2023 01:50	0.9	222	43	1.6	0.00
18/08/2023 02:00	1.1	231	23	1.6	0.00
18/08/2023 02:10	0.8	260	17	1.2	0.00
18/08/2023 02:20	0.8	185	34	2.2	0.00
18/08/2023 02:30	2.3	110	13	3.6	0.00
18/08/2023 02:40	2.6	108	10	3.9	0.00
18/08/2023 02:50	2.6	105	12	3.9	0.00
18/08/2023 03:00	2.4	105	10	3.2	0.00
18/08/2023 03:10	2.3	103	11	3.3	0.00
18/08/2023 03:20	2.0	103	11	2.8	0.00
18/08/2023 03:30	2.0	100	11	2.7	0.00
18/08/2023 03:40	2.4	104	15	3.3	0.00
18/08/2023 03:50	2.6	111	14	3.8	0.00
18/08/2023 04:00	3.1	119	13	4.5	0.00
18/08/2023 04:10	2.8	108	15	4.2	0.00
18/08/2023 04:20	3.3	108	11	4.8	0.00
18/08/2023 04:30	3.3	108	11	5.3	0.00
18/08/2023 04:40	4.0	106	13	6.1	0.00
18/08/2023 04:50	3.6	110	12	5.0	0.00
18/08/2023 05:00	3.2	115	12	4.8	0.00
18/08/2023 05:10	3.4	115	14	5.1	0.00
18/08/2023 05:20	3.6	108	13	5.6	0.00
18/08/2023 05:30	4.2	107	12	6.0	0.00
18/08/2023 05:40	3.9	107	12	5.4	0.00
18/08/2023 05:50	3.7	109	13	5.2	0.00
18/08/2023 06:00	3.7	117	12	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 06:10	3.4	114	12	4.8	0.00
18/08/2023 06:20	4.3	105	13	6.0	0.00
18/08/2023 06:30	4.7	104	11	6.0	0.00
18/08/2023 06:40	5.0	104	11	7.0	0.00
18/08/2023 06:50	5.0	105	10	7.5	0.00
18/08/2023 07:00	4.5	98	12	6.0	0.00
18/08/2023 07:10	4.9	96	13	6.8	0.00
18/08/2023 07:20	4.9	95	12	6.8	0.00
18/08/2023 07:30	5.5	94	11	7.5	0.00
18/08/2023 07:40	6.3	100	11	9.3	0.00
18/08/2023 07:50	5.7	105	12	8.3	0.00
18/08/2023 08:00	5.9	102	12	8.7	0.00
18/08/2023 08:10	6.3	107	13	9.1	0.00
18/08/2023 08:20	5.9	107	14	7.9	0.00
18/08/2023 08:30	6.4	106	11	8.9	0.00
18/08/2023 08:40	7.3	105	11	9.6	0.00
18/08/2023 08:50	6.7	101	12	9.2	0.00
18/08/2023 09:00	7.7	102	12	11.6	0.00
18/08/2023 09:10	7.6	95	11	10.7	0.00
18/08/2023 09:20	7.5	100	12	9.9	0.00
18/08/2023 09:30	7.7	99	13	10.1	0.00
18/08/2023 09:40	7.8	97	13	10.3	0.00
18/08/2023 09:50	7.8	99	12	11.1	0.00
18/08/2023 10:00	8.5	97	12	11.5	0.00
18/08/2023 10:10	7.9	93	13	10.1	0.00
18/08/2023 10:20	8.1	90	12	11.0	0.00
18/08/2023 10:30	8.2	90	14	10.7	0.00
18/08/2023 10:40	8.7	91	12	11.7	0.00
18/08/2023 10:50	8.6	88	10	10.8	0.00
18/08/2023 11:00	9.0	85	11	12.3	0.00
18/08/2023 11:10	8.2	83	11	10.8	0.00
18/08/2023 11:20	8.9	81	10	11.5	0.00
18/08/2023 11:30	7.7	84	12	11.2	0.00
18/08/2023 11:40	7.6	84	12	10.6	0.00
18/08/2023 11:50	6.8	84	13	9.6	0.00
18/08/2023 12:00	7.4	78	12	10.3	0.00
18/08/2023 12:10	7.2	81	13	10.3	0.00
18/08/2023 12:20	7.1	76	12	9.0	0.00
18/08/2023 12:30	6.6	75	14	9.1	0.00
18/08/2023 12:40	7.2	75	12	9.9	0.00
18/08/2023 12:50	7.1	79	12	9.6	0.00
18/08/2023 13:00	6.5	76	11	8.5	0.00
18/08/2023 13:10	6.7	77	11	9.4	0.00
18/08/2023 13:20	6.2	75	12	9.0	0.00
18/08/2023 13:30	6.9	77	11	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 13:40	6.6	78	10	9.1	0.00
18/08/2023 13:50	6.4	79	12	8.8	0.00
18/08/2023 14:00	6.3	79	12	8.3	0.00
18/08/2023 14:10	6.0	74	12	9.1	0.00
18/08/2023 14:20	6.2	73	12	8.9	0.00
18/08/2023 14:30	6.2	79	12	8.3	0.00
18/08/2023 14:40	5.9	79	14	8.6	0.00
18/08/2023 14:50	5.6	76	13	8.2	0.00
18/08/2023 15:00	5.4	81	13	7.9	0.00
18/08/2023 15:10	5.8	87	12	7.8	0.00
18/08/2023 15:20	5.6	79	13	7.6	0.00
18/08/2023 15:30	5.1	75	13	7.2	0.00
18/08/2023 15:40	4.9	76	11	6.2	0.00
18/08/2023 15:50	4.6	72	13	6.5	0.00
18/08/2023 16:00	5.0	76	12	7.1	0.00
18/08/2023 16:10	4.2	85	13	6.5	0.00
18/08/2023 16:20	3.7	84	13	5.3	0.00
18/08/2023 16:30	3.6	94	13	5.1	0.00
18/08/2023 16:40	3.3	89	12	4.5	0.00
18/08/2023 16:50	3.2	71	19	4.7	0.00
18/08/2023 17:00	2.6	22	19	4.2	0.00
18/08/2023 17:10	2.2	13	18	3.4	0.00
18/08/2023 17:20	2.0	15	25	3.5	0.00
18/08/2023 17:30	2.9	347	16	4.9	0.00
18/08/2023 17:40	2.4	179	20	3.6	0.00
18/08/2023 17:50	2.2	183	14	3.2	0.00
18/08/2023 18:00	2.5	4	18	3.4	0.00
18/08/2023 18:10	2.3	15	14	3.5	0.00
18/08/2023 18:20	2.6	16	15	3.9	0.00
18/08/2023 18:30	2.6	13	17	3.8	0.00
18/08/2023 18:40	2.4	12	19	3.5	0.00
18/08/2023 18:50	2.5	11	17	3.9	0.00
18/08/2023 19:00	2.8	9	17	4.0	0.00
18/08/2023 19:10	2.5	12	17	3.8	0.00
18/08/2023 19:20	2.2	27	20	3.3	0.00
18/08/2023 19:30	1.8	49	13	2.6	0.00
18/08/2023 19:40	1.8	27	22	2.8	0.00
18/08/2023 19:50	2.0	22	19	3.5	0.00
18/08/2023 20:00	2.0	36	19	2.9	0.00
18/08/2023 20:10	1.3	45	19	2.0	0.00
18/08/2023 20:20	0.4	146	33	0.9	0.00
18/08/2023 20:30	0.4	189	27	0.8	0.00
18/08/2023 20:40	0.4	105	15	0.8	0.00
18/08/2023 20:50	0.6	68	19	0.9	0.00
18/08/2023 21:00	0.4	206	12	0.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 21:10	0.8	298	14	1.2	0.00
18/08/2023 21:20					0.00
18/08/2023 21:30	0.7	305	7	1.2	0.00
18/08/2023 21:40	0.9	156	17	1.3	0.00
18/08/2023 21:50	0.7	49	18	1.2	0.00
18/08/2023 22:00	0.6	186	26	1.1	0.00
18/08/2023 22:10	0.7	227	19	1.6	0.00
18/08/2023 22:20	0.6	279	10	0.8	0.00
18/08/2023 22:30	0.3	291	2	1.1	0.00
18/08/2023 22:40	0.4	203	17	1.0	0.00
18/08/2023 22:50	1.1	104	14	2.0	0.00
18/08/2023 23:00	2.3	112	6	2.8	0.00
18/08/2023 23:10	1.8	110	8	2.4	0.00
18/08/2023 23:20	1.9	102	9	2.5	0.00
18/08/2023 23:30	2.2	99	9	2.8	0.00
18/08/2023 23:40	2.1	110	9	2.7	0.00
18/08/2023 23:50	2.2	109	12	3.5	0.00
19/08/2023 00:00	2.2	96	7	2.8	0.00
19/08/2023 00:10	2.1	99	9	2.8	0.00
19/08/2023 00:20	2.2	105	9	2.9	0.00
19/08/2023 00:30	2.2	102	9	3.2	0.00
19/08/2023 00:40	2.2	110	12	2.9	0.00
19/08/2023 00:50	2.8	114	11	3.8	0.00
19/08/2023 01:00	2.7	106	10	3.9	0.00
19/08/2023 01:10	3.5	97	12	4.8	0.00
19/08/2023 01:20	3.9	100	10	5.0	0.00
19/08/2023 01:30	4.4	100	11	6.1	0.00
19/08/2023 01:40	4.6	104	12	6.5	0.00
19/08/2023 01:50	5.1	102	10	6.8	0.00
19/08/2023 02:00	5.1	102	11	6.8	0.00
19/08/2023 02:10	5.4	104	9	7.0	0.00
19/08/2023 02:20	5.8	102	10	7.7	0.00
19/08/2023 02:30	5.1	103	12	7.2	0.00
19/08/2023 02:40	5.5	102	10	7.7	0.00
19/08/2023 02:50	5.1	103	11	6.7	0.00
19/08/2023 03:00	4.7	100	11	6.5	0.00
19/08/2023 03:10	4.5	102	10	6.4	0.00
19/08/2023 03:20	4.9	98	11	7.2	0.00
19/08/2023 03:30	5.7	102	10	7.6	0.00
19/08/2023 03:40	5.8	99	11	7.8	0.00
19/08/2023 03:50	5.3	100	10	6.8	0.00
19/08/2023 04:00	5.4	98	10	7.5	0.00
19/08/2023 04:10	5.0	98	10	6.8	0.00
19/08/2023 04:20	5.6	105	10	8.3	0.00
19/08/2023 04:30	5.2	102	10	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 04:40	5.2	100	10	7.3	0.00
19/08/2023 04:50	5.1	100	9	7.1	0.00
19/08/2023 05:00	5.0	102	11	7.2	0.00
19/08/2023 05:10	4.9	102	10	6.4	0.00
19/08/2023 05:20	5.4	101	10	7.4	0.00
19/08/2023 05:30	5.1	102	10	7.5	0.00
19/08/2023 05:40	5.3	105	10	7.4	0.00
19/08/2023 05:50	5.5	100	11	7.5	0.00
19/08/2023 06:00	5.6	102	11	7.3	0.00
19/08/2023 06:10	5.5	102	10	7.2	0.00
19/08/2023 06:20	5.5	101	10	6.9	0.00
19/08/2023 06:30	5.5	101	8	7.0	0.00
19/08/2023 06:40	5.1	104	10	6.8	0.00
19/08/2023 06:50	5.0	102	11	6.5	0.00
19/08/2023 07:00	4.5	105	9	6.0	0.00
19/08/2023 07:10	5.0	103	11	7.3	0.00
19/08/2023 07:20	5.2	101	12	7.5	0.00
19/08/2023 07:30	5.8	101	11	7.2	0.00
19/08/2023 07:40	5.7	102	10	7.2	0.00
19/08/2023 07:50	5.7	103	10	7.5	0.00
19/08/2023 08:00	5.9	103	11	7.6	0.00
19/08/2023 08:10	5.5	101	11	7.2	0.00
19/08/2023 08:20	6.1	101	9	8.5	0.00
19/08/2023 08:30	6.2	103	11	8.7	0.00
19/08/2023 08:40	5.9	104	11	9.1	0.00
19/08/2023 08:50	5.9	108	12	8.2	0.00
19/08/2023 09:00	5.5	107	11	7.2	0.00
19/08/2023 09:10	6.6	100	10	8.7	0.00
19/08/2023 09:20	6.1	96	12	8.3	0.00
19/08/2023 09:30	6.2	100	13	8.5	0.00
19/08/2023 09:40	5.8	97	12	8.1	0.00
19/08/2023 09:50	5.8	97	13	7.9	0.00
19/08/2023 10:00	6.4	88	10	9.5	0.00
19/08/2023 10:10	7.0	90	10	9.4	0.00
19/08/2023 10:20	6.9	87	11	9.1	0.00
19/08/2023 10:30	7.0	86	11	8.9	0.00
19/08/2023 10:40	7.5	88	12	9.7	0.00
19/08/2023 10:50	7.0	87	12	9.3	0.00
19/08/2023 11:00	6.6	89	13	9.0	0.00
19/08/2023 11:10	6.9	87	11	8.7	0.00
19/08/2023 11:20	6.9	88	11	9.0	0.00
19/08/2023 11:30	6.2	89	13	8.7	0.00
19/08/2023 11:40	6.5	91	12	8.7	0.00
19/08/2023 11:50	6.6	87	12	9.1	0.00
19/08/2023 12:00	6.8	90	12	9.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 12:10	5.8	91	12	7.7	0.00
19/08/2023 12:20	5.7	93	12	7.9	0.00
19/08/2023 12:30	5.9	89	11	8.1	0.00
19/08/2023 12:40	6.4	83	13	8.3	0.00
19/08/2023 12:50	6.5	82	10	8.8	0.00
19/08/2023 13:00	6.4	81	10	8.3	0.00
19/08/2023 13:10	6.2	84	10	8.1	0.00
19/08/2023 13:20	5.8	80	12	7.7	0.00
19/08/2023 13:30	5.9	84	10	7.9	0.00
19/08/2023 13:40	5.7	83	11	7.5	0.00
19/08/2023 13:50	5.5	82	13	7.8	0.00
19/08/2023 14:00	5.1	78	13	7.4	0.00
19/08/2023 14:10	5.0	77	13	6.7	0.00
19/08/2023 14:20	5.2	75	12	7.2	0.00
19/08/2023 14:30	5.3	73	13	7.5	0.00
19/08/2023 14:40	5.5	73	11	7.5	0.00
19/08/2023 14:50	6.1	74	10	7.8	0.00
19/08/2023 15:00	5.0	68	15	7.2	0.00
19/08/2023 15:10	4.9	65	13	6.8	0.00
19/08/2023 15:20	5.3	63	11	7.9	0.00
19/08/2023 15:30	5.5	62	11	7.4	0.00
19/08/2023 15:40	5.4	67	12	7.1	0.00
19/08/2023 15:50	5.0	67	11	7.0	0.00
19/08/2023 16:00	5.0	68	11	7.2	0.00
19/08/2023 16:10	4.4	53	12	6.3	0.00
19/08/2023 16:20	4.5	58	11	6.2	0.00
19/08/2023 16:30	4.4	65	10	5.8	0.00
19/08/2023 16:40	4.3	61	11	5.6	0.00
19/08/2023 16:50	3.7	41	14	4.9	0.00
19/08/2023 17:00	3.8	40	13	5.1	0.00
19/08/2023 17:10	3.4	38	15	4.8	0.00
19/08/2023 17:20	3.4	39	11	4.8	0.00
19/08/2023 17:30	3.2	43	12	4.1	0.00
19/08/2023 17:40	3.4	43	10	4.5	0.00
19/08/2023 17:50	3.2	46	10	4.2	0.00
19/08/2023 18:00	3.1	43	10	3.9	0.00
19/08/2023 18:10	3.0	43	10	3.8	0.00
19/08/2023 18:20	2.8	46	10	3.8	0.00
19/08/2023 18:30	2.4	52	9	3.3	0.00
19/08/2023 18:40	2.5	54	8	3.3	0.00
19/08/2023 18:50	2.3	52	8	2.8	0.00
19/08/2023 19:00	2.0	55	8	2.7	0.00
19/08/2023 19:10	1.9	56	11	2.4	0.00
19/08/2023 19:20	1.3	98	28	1.9	0.00
19/08/2023 19:30	1.2	198	41	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 19:40	0.3	236	8	1.2	0.00
19/08/2023 19:50	0.4	24	26	1.2	0.00
19/08/2023 20:00	0.8	23	14	1.2	0.00
19/08/2023 20:10	0.7	128	31	1.2	0.00
19/08/2023 20:20	0.7	169	32	1.1	0.00
19/08/2023 20:30	0.1	42	5	0.5	0.00
19/08/2023 20:40	0.9	42	11	1.7	0.00
19/08/2023 20:50	2.4	46	7	2.9	0.00
19/08/2023 21:00	2.6	47	8	3.0	0.00
19/08/2023 21:10	2.7	46	8	3.2	0.00
19/08/2023 21:20	2.6	46	8	3.0	0.00
19/08/2023 21:30	2.6	43	9	3.1	0.00
19/08/2023 21:40	2.0	41	8	2.4	0.00
19/08/2023 21:50	1.1	112	25	1.6	0.00
19/08/2023 22:00	0.8	209	11	1.2	0.00
19/08/2023 22:10	0.5	169	8	0.9	0.00
19/08/2023 22:20	0.4	103	7	0.9	0.00
19/08/2023 22:30	0.9	207	17	1.3	0.00
19/08/2023 22:40	1.2	247	18	2.2	0.00
19/08/2023 22:50	3.7	245	11	4.9	0.00
19/08/2023 23:00	2.3	250	9	2.9	0.00
19/08/2023 23:10	2.3	243	10	2.9	0.00
19/08/2023 23:20	1.8	242	16	2.4	0.00
19/08/2023 23:30	1.7	237	15	2.7	0.00
19/08/2023 23:40	1.4	240	16	2.4	0.00
19/08/2023 23:50	2.2	237	11	3.2	0.00
20/08/2023 00:00	1.8	232	15	2.8	0.00
20/08/2023 00:10	1.3	247	14	1.7	0.00
20/08/2023 00:20	0.9	245	16	1.2	0.00
20/08/2023 00:30	1.2	246	12	1.6	0.00
20/08/2023 00:40	0.7	215	23	1.3	0.00
20/08/2023 00:50	0.4	194	24	1.1	0.00
20/08/2023 01:00	0.8	168	50	1.5	0.00
20/08/2023 01:10	0.9	223	71	1.6	0.00
20/08/2023 01:20	1.1	135	86	2.0	0.00
20/08/2023 01:30	1.9	221	47	3.0	0.00
20/08/2023 01:40	2.1	230	21	3.0	0.00
20/08/2023 01:50	2.0	238	14	3.0	0.00
20/08/2023 02:00	2.2	258	14	3.5	0.00
20/08/2023 02:10	1.5	283	20	2.0	0.00
20/08/2023 02:20	1.6	288	24	2.5	0.00
20/08/2023 02:30	2.1	283	27	3.0	0.00
20/08/2023 02:40	2.1	284	20	3.2	0.00
20/08/2023 02:50	2.4	286	8	3.1	0.00
20/08/2023 03:00	2.0	284	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 03:10	1.6	273	39	2.6	0.00
20/08/2023 03:20	0.7	177	67	1.5	0.00
20/08/2023 03:30	1.1	257	31	1.9	0.00
20/08/2023 03:40	1.2	259	22	1.6	0.00
20/08/2023 03:50	1.9	227	21	3.5	0.00
20/08/2023 04:00	3.1	221	15	4.0	0.00
20/08/2023 04:10	3.3	221	19	4.8	0.00
20/08/2023 04:20	3.1	220	17	4.3	0.00
20/08/2023 04:30	3.2	222	16	4.7	0.00
20/08/2023 04:40	2.4	230	21	3.8	0.00
20/08/2023 04:50	2.7	225	19	3.6	0.00
20/08/2023 05:00	2.7	226	17	4.1	0.00
20/08/2023 05:10	2.2	232	19	3.3	0.00
20/08/2023 05:20	2.5	225	20	3.4	0.00
20/08/2023 05:30	2.1	223	23	3.3	0.00
20/08/2023 05:40	1.6	219	36	2.4	0.00
20/08/2023 05:50	1.7	222	54	3.1	0.00
20/08/2023 06:00	1.6	255	85	2.8	0.00
20/08/2023 06:10	1.5	269	79	2.7	0.00
20/08/2023 06:20	1.7	239	66	2.8	0.00
20/08/2023 06:30	1.7	237	69	3.4	0.00
20/08/2023 06:40	1.7	236	81	3.2	0.00
20/08/2023 06:50	1.6	331	88	2.9	0.00
20/08/2023 07:00	1.6	66	88	2.8	0.00
20/08/2023 07:10	2.0	111	76	3.7	0.00
20/08/2023 07:20	1.8	63	81	3.0	0.00
20/08/2023 07:30	1.9	89	88	3.2	0.00
20/08/2023 07:40	2.4	144	38	4.6	0.00
20/08/2023 07:50	2.9	144	30	4.4	0.00
20/08/2023 08:00	2.8	142	29	4.3	0.00
20/08/2023 08:10	2.5	146	30	4.3	0.00
20/08/2023 08:20	3.1	141	24	4.5	0.00
20/08/2023 08:30	3.7	131	17	5.5	0.00
20/08/2023 08:40	3.7	115	15	5.5	0.00
20/08/2023 08:50	3.7	105	12	5.1	0.00
20/08/2023 09:00	3.5	100	14	4.9	0.00
20/08/2023 09:10	3.5	86	11	4.8	0.00
20/08/2023 09:20	3.5	87	14	4.7	0.00
20/08/2023 09:30	3.7	91	14	5.1	0.00
20/08/2023 09:40	3.9	97	14	5.3	0.00
20/08/2023 09:50	3.7	99	11	4.5	0.00
20/08/2023 10:00	4.3	102	11	5.3	0.00
20/08/2023 10:10	4.1	106	12	5.8	0.00
20/08/2023 10:20	4.2	102	13	5.5	0.00
20/08/2023 10:30	3.7	107	14	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 10:40	4.5	105	14	5.9	0.00
20/08/2023 10:50	3.4	110	17	4.4	0.00
20/08/2023 11:00	3.7	105	14	5.4	0.00
20/08/2023 11:10	3.5	122	20	5.2	0.00
20/08/2023 11:20	3.8	99	14	5.2	0.00
20/08/2023 11:30	3.4	127	16	5.2	0.00
20/08/2023 11:40	3.1	111	18	5.2	0.00
20/08/2023 11:50	3.3	134	17	4.5	0.00
20/08/2023 12:00	3.2	134	19	4.3	0.00
20/08/2023 12:10	3.0	120	19	4.2	0.00
20/08/2023 12:20	2.9	109	19	4.5	0.00
20/08/2023 12:30	3.0	121	26	4.5	0.00
20/08/2023 12:40	2.7	125	26	4.4	0.00
20/08/2023 12:50	3.1	105	24	4.8	0.00
20/08/2023 13:00	3.8	79	13	5.0	0.00
20/08/2023 13:10	3.6	86	10	5.2	0.00
20/08/2023 13:20	3.3	79	14	4.5	0.00
20/08/2023 13:30	3.2	86	18	4.7	0.00
20/08/2023 13:40	3.1	65	15	4.7	0.00
20/08/2023 13:50	2.8	58	19	4.4	0.00
20/08/2023 14:00	2.2	28	36	4.0	0.00
20/08/2023 14:10	2.7	182	21	3.8	0.00
20/08/2023 14:20	2.8	356	20	4.0	0.00
20/08/2023 14:30	2.6	8	21	3.8	0.00
20/08/2023 14:40	3.0	6	16	4.2	0.00
20/08/2023 14:50	2.8	10	20	4.0	0.00
20/08/2023 15:00	3.4	21	17	4.7	0.00
20/08/2023 15:10	3.1	14	19	4.5	0.00
20/08/2023 15:20	3.1	9	17	4.3	0.00
20/08/2023 15:30	2.7	6	18	4.0	0.00
20/08/2023 15:40	2.9	16	18	4.4	0.00
20/08/2023 15:50	2.2	169	25	3.5	0.00
20/08/2023 16:00	1.5	326	41	2.6	0.00
20/08/2023 16:10	1.8	338	34	3.1	0.00
20/08/2023 16:20	2.5	176	24	3.8	0.00
20/08/2023 16:30	2.6	319	17	4.2	0.00
20/08/2023 16:40	3.5	301	13	4.8	0.00
20/08/2023 16:50	4.1	292	15	5.7	0.00
20/08/2023 17:00	4.3	281	15	5.7	0.00
20/08/2023 17:10	4.6	283	13	6.0	0.00
20/08/2023 17:20	4.4	274	13	6.3	0.00
20/08/2023 17:30	4.1	267	13	5.3	0.00
20/08/2023 17:40	3.9	261	9	4.9	0.00
20/08/2023 17:50	3.3	259	10	4.8	0.00
20/08/2023 18:00	3.1	263	11	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 18:10	2.6	276	17	3.6	0.00
20/08/2023 18:20	3.2	270	13	4.4	0.00
20/08/2023 18:30	3.0	280	14	4.2	0.00
20/08/2023 18:40	3.1	281	16	4.4	0.00
20/08/2023 18:50	2.5	279	14	3.8	0.00
20/08/2023 19:00	2.2	269	13	3.5	0.00
20/08/2023 19:10	2.6	283	15	3.6	0.00
20/08/2023 19:20	2.4	276	15	3.2	0.00
20/08/2023 19:30	2.4	283	15	3.2	0.00
20/08/2023 19:40	2.1	283	14	3.1	0.00
20/08/2023 19:50	2.3	278	16	2.9	0.00
20/08/2023 20:00	2.1	262	13	2.7	0.00
20/08/2023 20:10	1.9	270	13	2.5	0.00
20/08/2023 20:20	2.2	266	10	3.0	0.00
20/08/2023 20:30	2.6	267	11	3.2	0.00
20/08/2023 20:40	2.6	263	10	3.3	0.00
20/08/2023 20:50	2.6	259	8	3.4	0.00
20/08/2023 21:00	2.7	260	11	3.8	0.00
20/08/2023 21:10	2.9	258	11	4.0	0.00
20/08/2023 21:20	2.8	261	9	4.0	0.00
20/08/2023 21:30	2.9	261	9	4.0	0.00
20/08/2023 21:40	2.6	261	10	3.6	0.00
20/08/2023 21:50	2.5	258	10	3.6	0.00
20/08/2023 22:00	2.0	258	8	2.7	0.00
20/08/2023 22:10	2.3	254	9	3.1	0.00
20/08/2023 22:20	2.2	255	11	2.9	0.00
20/08/2023 22:30	2.4	256	11	3.2	0.00
20/08/2023 22:40	1.2	240	13	1.9	0.00
20/08/2023 22:50	0.0	72	0	0.8	0.00
20/08/2023 23:00	0.7	64	25	1.2	0.00
20/08/2023 23:10	0.5	46	27	1.2	0.00
20/08/2023 23:20	0.2	62	6	0.9	0.00
20/08/2023 23:30	0.2	203	27	1.2	0.00
20/08/2023 23:40	1.2	227	29	1.8	0.00
20/08/2023 23:50	1.3	220	30	1.8	0.00
21/08/2023 00:00	0.9	223	38	1.6	0.00
21/08/2023 00:10	0.8	229	40	1.5	0.00
21/08/2023 00:20	1.4	223	42	2.6	0.00
21/08/2023 00:30	1.8	223	20	2.6	0.00
21/08/2023 00:40	1.0	235	32	1.5	0.00
21/08/2023 00:50	1.1	229	27	1.8	0.00
21/08/2023 01:00	1.1	230	25	1.9	0.00
21/08/2023 01:10	0.7	207	47	1.2	0.00
21/08/2023 01:20	0.4	242	44	0.8	0.00
21/08/2023 01:30	0.5	163	43	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 01:40	0.7	155	72	1.3	0.00
21/08/2023 01:50	0.6	247	46	1.1	0.00
21/08/2023 02:00	0.5	281	51	1.0	0.00
21/08/2023 02:10	0.7	107	43	1.3	0.00
21/08/2023 02:20	0.6	173	27	1.7	0.00
21/08/2023 02:30	0.9	286	21	1.2	0.00
21/08/2023 02:40	0.8	273	23	1.4	0.00
21/08/2023 02:50	0.7	220	42	1.3	0.00
21/08/2023 03:00	0.9	320	76	1.5	0.00
21/08/2023 03:10	1.4	123	75	2.6	0.00
21/08/2023 03:20	2.3	143	38	3.6	0.00
21/08/2023 03:30	2.1	136	28	3.2	0.00
21/08/2023 03:40	1.8	140	33	2.6	0.00
21/08/2023 03:50	1.4	115	64	2.4	0.00
21/08/2023 04:00	1.7	101	69	2.8	0.00
21/08/2023 04:10	1.7	118	67	3.2	0.00
21/08/2023 04:20	1.9	123	65	2.8	0.00
21/08/2023 04:30	1.9	131	60	3.7	0.00
21/08/2023 04:40	1.8	111	69	3.6	0.00
21/08/2023 04:50	1.3	98	79	2.3	0.00
21/08/2023 05:00	1.7	135	51	2.8	0.00
21/08/2023 05:10	1.7	128	56	2.6	0.00
21/08/2023 05:20	1.6	125	59	3.1	0.00
21/08/2023 05:30	1.1	202	66	2.1	0.00
21/08/2023 05:40	1.2	313	88	2.0	0.00
21/08/2023 05:50	1.3	355	87	2.0	0.00
21/08/2023 06:00	1.5	297	82	2.8	0.00
21/08/2023 06:10	2.4	227	40	3.9	0.00
21/08/2023 06:20	2.5	221	24	3.2	0.00
21/08/2023 06:30	2.6	223	30	3.9	0.00
21/08/2023 06:40	2.2	269	72	3.6	0.00
21/08/2023 06:50	2.3	260	78	3.6	0.00
21/08/2023 07:00	2.7	232	45	4.0	0.00
21/08/2023 07:10	2.7	222	42	3.9	0.00
21/08/2023 07:20	3.0	220	29	4.2	0.00
21/08/2023 07:30	3.0	221	25	4.3	0.00
21/08/2023 07:40	3.5	217	20	4.8	0.00
21/08/2023 07:50	3.5	215	16	4.9	0.00
21/08/2023 08:00	3.2	230	18	4.6	0.00
21/08/2023 08:10	3.2	241	15	5.1	0.00
21/08/2023 08:20	3.7	227	17	5.3	0.00
21/08/2023 08:30	3.6	234	12	5.6	0.00
21/08/2023 08:40	3.7	230	14	5.9	0.00
21/08/2023 08:50	3.9	231	13	5.5	0.00
21/08/2023 09:00	3.9	233	14	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 09:10	3.3	234	16	4.7	0.00
21/08/2023 09:20	3.4	237	15	5.0	0.00
21/08/2023 09:30	3.9	238	14	5.2	0.00
21/08/2023 09:40	3.7	265	14	5.2	0.00
21/08/2023 09:50	4.6	241	15	6.2	0.00
21/08/2023 10:00	4.5	249	11	6.0	0.00
21/08/2023 10:10	4.3	256	10	5.7	0.00
21/08/2023 10:20	4.0	251	14	5.4	0.00
21/08/2023 10:30	4.0	263	12	5.4	0.00
21/08/2023 10:40	4.0	265	15	5.4	0.00
21/08/2023 10:50	4.4	266	12	5.5	0.00
21/08/2023 11:00	3.9	264	14	5.2	0.00
21/08/2023 11:10	4.1	266	17	5.3	0.00
21/08/2023 11:20	4.1	268	15	5.6	0.00
21/08/2023 11:30	4.1	269	17	5.5	0.00
21/08/2023 11:40	4.4	279	16	5.6	0.00
21/08/2023 11:50	4.0	281	17	5.6	0.00
21/08/2023 12:00	3.9	284	21	5.6	0.00
21/08/2023 12:10	3.2	293	22	4.8	0.00
21/08/2023 12:20	3.8	296	12	5.4	0.00
21/08/2023 12:30	3.8	300	15	5.7	0.00
21/08/2023 12:40	3.7	299	18	5.3	0.00
21/08/2023 12:50	3.2	170	25	4.9	0.00
21/08/2023 13:00	3.3	348	19	5.1	0.00
21/08/2023 13:10	3.6	5	20	5.6	0.00
21/08/2023 13:20	3.8	7	19	5.8	0.00
21/08/2023 13:30	3.5	184	18	5.1	0.00
21/08/2023 13:40	3.8	8	18	5.2	0.00
21/08/2023 13:50	4.0	12	18	5.4	0.00
21/08/2023 14:00	3.7	8	27	5.2	0.00
21/08/2023 14:10	4.0	179	16	5.7	0.00
21/08/2023 14:20	3.7	183	22	5.6	0.00
21/08/2023 14:30	3.5	335	28	5.1	0.00
21/08/2023 14:40	2.9	334	26	5.2	0.00
21/08/2023 14:50	3.6	324	20	5.7	0.00
21/08/2023 15:00	3.4	314	20	5.1	0.00
21/08/2023 15:10	4.3	307	14	6.4	0.00
21/08/2023 15:20	2.9	327	28	4.6	0.00
21/08/2023 15:30	4.3	306	16	6.4	0.00
21/08/2023 15:40	3.5	314	18	5.1	0.00
21/08/2023 15:50	3.8	308	16	6.0	0.00
21/08/2023 16:00	3.6	309	16	5.2	0.00
21/08/2023 16:10	3.0	313	19	4.7	0.00
21/08/2023 16:20	3.9	299	12	5.2	0.00
21/08/2023 16:30	3.9	298	14	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 16:40	3.5	301	14	4.9	0.00
21/08/2023 16:50	3.8	293	13	5.2	0.00
21/08/2023 17:00	3.5	299	12	4.6	0.00
21/08/2023 17:10	3.6	304	12	5.0	0.00
21/08/2023 17:20	3.3	302	14	4.9	0.00
21/08/2023 17:30	2.9	306	13	4.1	0.00
21/08/2023 17:40	2.9	311	18	4.2	0.00
21/08/2023 17:50	3.3	315	14	4.5	0.00
21/08/2023 18:00	3.0	315	14	4.7	0.00
21/08/2023 18:10	3.2	313	14	4.5	0.00
21/08/2023 18:20	3.1	316	15	4.5	0.00
21/08/2023 18:30	2.9	318	14	4.1	0.00
21/08/2023 18:40	3.0	316	14	4.4	0.00
21/08/2023 18:50	2.8	311	15	3.9	0.00
21/08/2023 19:00	2.8	285	15	3.9	0.00
21/08/2023 19:10	2.3	288	23	3.3	0.00
21/08/2023 19:20	3.2	258	9	4.0	0.00
21/08/2023 19:30	2.8	263	10	3.6	0.00
21/08/2023 19:40	2.5	269	14	3.6	0.00
21/08/2023 19:50	2.8	268	10	3.6	0.00
21/08/2023 20:00	2.7	278	14	3.6	0.00
21/08/2023 20:10	3.0	264	13	3.7	0.00
21/08/2023 20:20	2.9	259	9	3.7	0.00
21/08/2023 20:30	3.0	258	9	3.7	0.00
21/08/2023 20:40	2.4	267	11	3.1	0.00
21/08/2023 20:50	2.2	271	12	2.9	0.00
21/08/2023 21:00	2.4	263	11	3.1	0.00
21/08/2023 21:10	2.5	262	9	3.0	0.00
21/08/2023 21:20	2.6	262	9	3.1	0.00
21/08/2023 21:30	2.3	269	12	2.9	0.00
21/08/2023 21:40	2.2	273	13	2.9	0.00
21/08/2023 21:50	2.2	272	13	2.9	0.00
21/08/2023 22:00	2.0	275	13	2.8	0.00
21/08/2023 22:10	2.0	274	15	2.9	0.00
21/08/2023 22:20	1.7	269	11	2.8	0.00
21/08/2023 22:30	1.6	280	15	2.8	0.00
21/08/2023 22:40	1.9	281	14	3.3	0.00
21/08/2023 22:50	2.5	286	15	3.7	0.00
21/08/2023 23:00	2.2	280	14	3.5	0.00
21/08/2023 23:10	1.8	271	14	2.7	0.00
21/08/2023 23:20	1.7	272	16	2.5	0.00
21/08/2023 23:30	2.2	268	11	2.9	0.00
21/08/2023 23:40	2.3	268	11	3.1	0.00
21/08/2023 23:50	2.4	265	10	3.2	0.00
22/08/2023 00:00	2.1	265	10	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 00:10	2.2	269	11	2.8	0.00
22/08/2023 00:20	2.2	265	10	2.9	0.00
22/08/2023 00:30	1.9	267	10	2.5	0.00
22/08/2023 00:40	2.1	263	10	2.5	0.00
22/08/2023 00:50	2.3	261	7	2.8	0.00
22/08/2023 01:00	2.6	261	6	3.1	0.00
22/08/2023 01:10	2.6	262	8	3.4	0.00
22/08/2023 01:20	2.7	263	7	3.4	0.00
22/08/2023 01:30	2.4	266	10	3.1	0.00
22/08/2023 01:40	2.2	265	9	2.6	0.00
22/08/2023 01:50	2.3	263	9	2.9	0.00
22/08/2023 02:00	2.7	260	6	3.3	0.00
22/08/2023 02:10	2.6	260	6	3.1	0.00
22/08/2023 02:20	2.7	262	7	3.5	0.00
22/08/2023 02:30	2.7	259	7	3.4	0.00
22/08/2023 02:40	2.4	257	8	2.9	0.00
22/08/2023 02:50	2.2	256	7	2.7	0.00
22/08/2023 03:00	2.2	256	6	2.7	0.00
22/08/2023 03:10	2.0	258	7	2.4	0.00
22/08/2023 03:20	1.9	257	6	2.4	0.00
22/08/2023 03:30	1.9	249	9	2.4	0.00
22/08/2023 03:40	1.0	234	13	1.6	0.00
22/08/2023 03:50	0.9	239	10	1.2	0.00
22/08/2023 04:00	0.5	220	9	1.2	0.00
22/08/2023 04:10	0.9	232	8	1.4	0.00
22/08/2023 04:20	0.3	229	6	0.8	0.00
22/08/2023 04:30	0.8	244	9	1.3	0.00
22/08/2023 04:40	0.8	243	10	1.5	0.00
22/08/2023 04:50	0.4	292	7	0.9	0.00
22/08/2023 05:00	0.3	25	7	0.8	0.00
22/08/2023 05:10	0.0	293	0	0.4	0.00
22/08/2023 05:20					0.00
22/08/2023 05:30	0.1	293	0	0.6	0.00
22/08/2023 05:40	0.0	304	0	0.4	0.00
22/08/2023 05:50	0.2	302	6	0.7	0.00
22/08/2023 06:00	0.5	303	2	0.8	0.00
22/08/2023 06:10	0.1	301	1	0.6	0.00
22/08/2023 06:20	0.0	286	0	0.4	0.00
22/08/2023 06:30					0.00
22/08/2023 06:40	0.4	301	2	1.2	0.00
22/08/2023 06:50	0.7	295	5	1.2	0.00
22/08/2023 07:00	0.2	155	3	0.7	0.00
22/08/2023 07:10	0.4	108	7	0.9	0.00
22/08/2023 07:20	0.0	94	4	0.6	0.00
22/08/2023 07:30					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 07:40	0.5	62	11	1.0	0.00
22/08/2023 07:50	1.0	76	14	1.7	0.00
22/08/2023 08:00	1.7	87	11	2.4	0.00
22/08/2023 08:10	2.1	90	13	2.8	0.00
22/08/2023 08:20	2.0	98	13	2.8	0.00
22/08/2023 08:30	1.7	107	15	2.8	0.00
22/08/2023 08:40	1.8	102	15	2.5	0.00
22/08/2023 08:50	2.5	103	13	3.6	0.00
22/08/2023 09:00	2.6	99	16	3.5	0.00
22/08/2023 09:10	2.5	94	15	3.5	0.00
22/08/2023 09:20	2.8	113	13	4.2	0.00
22/08/2023 09:30	3.5	105	11	4.8	0.00
22/08/2023 09:40	3.3	106	13	4.4	0.00
22/08/2023 09:50	2.7	90	15	4.1	0.00
22/08/2023 10:00	3.0	79	15	4.0	0.00
22/08/2023 10:10	2.9	94	16	3.9	0.00
22/08/2023 10:20	2.5	73	15	3.5	0.00
22/08/2023 10:30	2.4	103	22	3.5	0.00
22/08/2023 10:40	2.1	77	26	3.4	0.00
22/08/2023 10:50	2.8	96	17	4.0	0.00
22/08/2023 11:00	2.7	109	16	4.1	0.00
22/08/2023 11:10	2.5	87	18	4.0	0.00
22/08/2023 11:20	2.5	80	22	3.6	0.00
22/08/2023 11:30	2.5	92	29	4.2	0.00
22/08/2023 11:40	2.2	195	24	3.9	0.00
22/08/2023 11:50	2.2	227	53	3.4	0.00
22/08/2023 12:00	1.6	180	53	2.6	0.00
22/08/2023 12:10	1.8	180	26	2.8	0.00
22/08/2023 12:20	1.6	345	51	2.5	0.00
22/08/2023 12:30	2.2	309	43	3.7	0.00
22/08/2023 12:40	2.9	292	16	4.2	0.00
22/08/2023 12:50	2.6	299	15	3.7	0.00
22/08/2023 13:00	2.4	307	19	3.6	0.00
22/08/2023 13:10	2.7	300	15	3.7	0.00
22/08/2023 13:20	2.6	300	15	4.0	0.00
22/08/2023 13:30	2.2	310	18	3.4	0.00
22/08/2023 13:40	3.1	304	17	4.4	0.00
22/08/2023 13:50	3.3	300	16	4.4	0.00
22/08/2023 14:00	3.2	300	10	4.3	0.00
22/08/2023 14:10	3.3	298	12	4.3	0.00
22/08/2023 14:20	2.5	309	23	3.3	0.00
22/08/2023 14:30	2.1	176	29	3.2	0.00
22/08/2023 14:40	2.3	341	30	3.6	0.00
22/08/2023 14:50	2.2	349	25	3.2	0.00
22/08/2023 15:00	2.2	328	24	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 15:10	2.2	310	17	3.2	0.00
22/08/2023 15:20	2.8	305	14	3.8	0.00
22/08/2023 15:30	3.1	303	11	4.1	0.00
22/08/2023 15:40	3.0	302	14	4.0	0.00
22/08/2023 15:50	2.5	313	16	3.6	0.00
22/08/2023 16:00	2.2	333	24	3.6	0.00
22/08/2023 16:10	2.6	316	18	3.7	0.00
22/08/2023 16:20	2.5	324	31	4.0	0.00
22/08/2023 16:30	2.2	319	21	3.3	0.00
22/08/2023 16:40	2.2	338	23	3.3	0.00
22/08/2023 16:50	2.2	346	18	3.2	0.00
22/08/2023 17:00	2.1	350	20	2.7	0.00
22/08/2023 17:10	2.3	5	17	3.3	0.00
22/08/2023 17:20	2.3	178	19	3.2	0.00
22/08/2023 17:30	2.4	353	13	3.4	0.00
22/08/2023 17:40	2.4	174	19	3.2	0.00
22/08/2023 17:50	2.5	4	15	3.7	0.00
22/08/2023 18:00	2.7	5	12	3.6	0.00
22/08/2023 18:10	2.3	184	13	2.9	0.00
22/08/2023 18:20	2.1	3	15	2.8	0.00
22/08/2023 18:30	2.2	180	16	3.2	0.00
22/08/2023 18:40	2.1	1	17	3.4	0.00
22/08/2023 18:50	1.9	181	19	2.9	0.00
22/08/2023 19:00	1.8	178	17	2.6	0.00
22/08/2023 19:10	1.5	10	23	2.4	0.00
22/08/2023 19:20	1.8	17	16	2.7	0.00
22/08/2023 19:30	1.2	349	30	1.9	0.00
22/08/2023 19:40	0.8	275	35	1.5	0.00
22/08/2023 19:50	1.3	288	22	2.1	0.00
22/08/2023 20:00	1.3	306	16	2.0	0.00
22/08/2023 20:10	1.3	291	15	2.0	0.00
22/08/2023 20:20	1.1	306	22	1.6	0.00
22/08/2023 20:30	1.5	305	19	2.6	0.00
22/08/2023 20:40	1.2	274	15	1.6	0.00
22/08/2023 20:50	1.5	278	17	2.4	0.00
22/08/2023 21:00	1.2	283	16	1.8	0.00
22/08/2023 21:10	1.6	267	15	2.2	0.00
22/08/2023 21:20	1.5	260	20	2.3	0.00
22/08/2023 21:30	0.7	264	11	1.2	0.00
22/08/2023 21:40	0.1	346	6	0.8	0.00
22/08/2023 21:50	0.5	269	36	1.9	0.00
22/08/2023 22:00	1.0	288	20	2.0	0.00
22/08/2023 22:10	2.6	281	14	3.7	0.00
22/08/2023 22:20	3.1	279	15	4.3	0.00
22/08/2023 22:30	3.4	276	11	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 22:40	2.8	264	12	4.0	0.00
22/08/2023 22:50	2.8	257	10	3.7	0.00
22/08/2023 23:00	3.3	260	8	4.4	0.00
22/08/2023 23:10	1.4	233	21	2.4	0.00
22/08/2023 23:20	2.0	255	8	2.6	0.00
22/08/2023 23:30	2.8	263	10	3.6	0.00
22/08/2023 23:40	3.3	264	10	4.2	0.00
22/08/2023 23:50	3.3	258	9	4.4	0.00
23/08/2023 00:00	2.1	248	10	3.1	0.00
23/08/2023 00:10	2.7	253	10	3.6	0.00
23/08/2023 00:20	2.8	258	10	3.9	0.00
23/08/2023 00:30	2.9	262	8	3.8	0.00
23/08/2023 00:40	3.0	263	9	4.0	0.00
23/08/2023 00:50	2.5	255	12	3.3	0.00
23/08/2023 01:00	1.9	247	12	2.8	0.00
23/08/2023 01:10	2.4	258	10	3.1	0.00
23/08/2023 01:20	2.4	264	8	3.2	0.00
23/08/2023 01:30	2.6	261	8	3.3	0.00
23/08/2023 01:40	3.1	263	8	3.8	0.00
23/08/2023 01:50	3.0	264	7	3.9	0.00
23/08/2023 02:00	2.9	263	8	4.0	0.00
23/08/2023 02:10	3.0	259	8	3.9	0.00
23/08/2023 02:20	2.7	256	9	3.6	0.00
23/08/2023 02:30	2.4	252	11	3.1	0.00
23/08/2023 02:40	1.9	238	9	2.4	0.00
23/08/2023 02:50	1.4	236	9	1.9	0.00
23/08/2023 03:00	1.1	218	12	1.6	0.00
23/08/2023 03:10	1.7	240	11	2.4	0.00
23/08/2023 03:20	1.8	250	8	2.0	0.00
23/08/2023 03:30	1.7	253	9	2.4	0.00
23/08/2023 03:40	1.7	250	11	2.3	0.00
23/08/2023 03:50	1.3	242	11	1.9	0.00
23/08/2023 04:00	0.8	240	13	1.3	0.00
23/08/2023 04:10	1.3	245	11	1.8	0.00
23/08/2023 04:20	1.3	246	11	1.8	0.00
23/08/2023 04:30	1.1	249	10	1.9	0.00
23/08/2023 04:40	0.3	245	5	0.8	0.00
23/08/2023 04:50	1.0	242	9	1.5	0.00
23/08/2023 05:00	0.3	235	15	0.9	0.00
23/08/2023 05:10	0.6	252	8	1.3	0.00
23/08/2023 05:20	0.6	155	8	1.2	0.00
23/08/2023 05:30	0.4	270	7	1.0	0.00
23/08/2023 05:40					0.00
23/08/2023 05:50	0.3	257	5	0.7	0.00
23/08/2023 06:00	0.6	238	9	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 06:10	0.4	165	12	1.2	0.00
23/08/2023 06:20	1.3	165	35	1.8	0.00
23/08/2023 06:30	0.6	164	6	1.3	0.00
23/08/2023 06:40	0.8	140	47	1.4	0.00
23/08/2023 06:50	1.7	236	31	2.6	0.00
23/08/2023 07:00	1.8	226	18	2.9	0.00
23/08/2023 07:10	2.5	226	14	3.3	0.00
23/08/2023 07:20	2.7	229	15	4.2	0.00
23/08/2023 07:30	2.8	225	15	4.0	0.00
23/08/2023 07:40	3.0	239	14	4.4	0.00
23/08/2023 07:50	2.0	234	15	2.8	0.00
23/08/2023 08:00	2.1	226	16	3.1	0.00
23/08/2023 08:10	2.0	230	17	2.6	0.00
23/08/2023 08:20	1.8	225	18	2.5	0.00
23/08/2023 08:30	1.6	215	36	2.9	0.00
23/08/2023 08:40	1.7	219	22	3.1	0.00
23/08/2023 08:50	1.7	231	17	2.7	0.00
23/08/2023 09:00	0.6	212	31	1.7	0.00
23/08/2023 09:10	1.2	229	15	2.5	0.00
23/08/2023 09:20	1.9	239	37	3.2	0.00
23/08/2023 09:30	1.4	226	59	2.8	0.00
23/08/2023 09:40	1.5	203	44	2.5	0.00
23/08/2023 09:50	1.6	222	31	2.7	0.00
23/08/2023 10:00	1.1	224	57	2.4	0.00
23/08/2023 10:10	1.3	192	64	2.1	0.00
23/08/2023 10:20	1.4	247	36	2.4	0.00
23/08/2023 10:30	1.5	239	38	2.6	0.00
23/08/2023 10:40	1.4	249	42	2.8	0.00
23/08/2023 10:50	1.6	239	25	2.6	0.00
23/08/2023 11:00	1.7	268	55	2.9	0.00
23/08/2023 11:10	2.1	299	15	3.0	0.00
23/08/2023 11:20	2.6	303	16	3.6	0.00
23/08/2023 11:30	2.5	306	16	3.5	0.00
23/08/2023 11:40	2.5	305	14	3.2	0.00
23/08/2023 11:50	2.0	308	21	2.5	0.00
23/08/2023 12:00	2.2	286	18	3.1	0.00
23/08/2023 12:10	2.4	298	12	3.3	0.00
23/08/2023 12:20	2.8	302	11	4.0	0.00
23/08/2023 12:30	2.6	302	14	3.4	0.00
23/08/2023 12:40	2.7	302	17	3.9	0.00
23/08/2023 12:50	2.9	304	13	4.1	0.00
23/08/2023 13:00	2.6	307	19	3.8	0.00
23/08/2023 13:10	2.7	311	21	3.9	0.00
23/08/2023 13:20	2.9	316	15	4.1	0.00
23/08/2023 13:30	2.6	329	20	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 13:40	2.1	328	22	2.9	0.00
23/08/2023 13:50	2.1	323	28	3.2	0.00
23/08/2023 14:00	2.6	354	23	3.7	0.00
23/08/2023 14:10	2.7	13	21	4.0	0.00
23/08/2023 14:20	2.4	187	27	3.7	0.00
23/08/2023 14:30	2.2	341	41	4.0	0.00
23/08/2023 14:40	2.3	348	31	3.6	0.00
23/08/2023 14:50	2.1	310	34	3.6	0.00
23/08/2023 15:00	2.5	310	23	3.6	0.00
23/08/2023 15:10	2.7	301	16	3.8	0.00
23/08/2023 15:20	2.5	303	18	3.6	0.00
23/08/2023 15:30	2.8	301	15	3.6	0.00
23/08/2023 15:40	2.8	298	13	3.8	0.00
23/08/2023 15:50	3.0	301	16	4.1	0.00
23/08/2023 16:00	3.2	301	11	4.4	0.00
23/08/2023 16:10	3.3	302	14	4.4	0.00
23/08/2023 16:20	3.4	299	14	4.8	0.00
23/08/2023 16:30	3.5	300	12	4.4	0.00
23/08/2023 16:40	3.6	301	11	4.5	0.00
23/08/2023 16:50	3.7	299	12	4.8	0.00
23/08/2023 17:00	3.8	301	11	4.9	0.00
23/08/2023 17:10	3.2	303	11	4.3	0.00
23/08/2023 17:20	2.8	308	14	3.7	0.00
23/08/2023 17:30	2.6	306	13	3.6	0.00
23/08/2023 17:40	2.7	303	12	3.7	0.00
23/08/2023 17:50	3.0	297	10	3.8	0.00
23/08/2023 18:00	2.8	297	10	3.6	0.00
23/08/2023 18:10	2.8	301	11	3.7	0.00
23/08/2023 18:20	2.3	311	14	3.5	0.00
23/08/2023 18:30	2.0	303	13	3.0	0.00
23/08/2023 18:40	1.5	298	9	2.9	0.00
23/08/2023 18:50	1.0	289	10	2.6	0.00
23/08/2023 19:00	1.8	280	14	3.0	0.00
23/08/2023 19:10	2.5	270	13	3.2	0.00
23/08/2023 19:20	2.2	264	11	2.8	0.00
23/08/2023 19:30	2.4	256	8	3.2	0.00
23/08/2023 19:40	2.5	259	8	3.2	0.00
23/08/2023 19:50	2.2	260	8	2.8	0.00
23/08/2023 20:00	2.5	260	10	3.6	0.00
23/08/2023 20:10	2.5	258	10	3.3	0.00
23/08/2023 20:20	2.1	251	11	2.8	0.00
23/08/2023 20:30	2.2	254	10	3.0	0.00
23/08/2023 20:40	1.8	259	12	2.9	0.00
23/08/2023 20:50	2.4	262	10	3.2	0.00
23/08/2023 21:00	1.5	249	12	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 21:10	1.4	247	11	2.4	0.00
23/08/2023 21:20	2.1	253	10	3.1	0.00
23/08/2023 21:30	2.1	253	10	3.2	0.00
23/08/2023 21:40	2.4	246	11	3.4	0.00
23/08/2023 21:50	2.3	256	10	3.1	0.00
23/08/2023 22:00	1.9	250	14	2.6	0.00
23/08/2023 22:10	2.3	249	10	3.2	0.00
23/08/2023 22:20	2.5	249	9	3.4	0.00
23/08/2023 22:30	2.5	250	10	3.3	0.00
23/08/2023 22:40	2.1	250	11	3.1	0.00
23/08/2023 22:50	2.3	251	11	3.4	0.00
23/08/2023 23:00	1.9	249	10	2.9	0.00
23/08/2023 23:10	1.1	245	9	2.1	0.00
23/08/2023 23:20	1.2	249	9	2.3	0.00
23/08/2023 23:30	0.3	241	5	1.1	0.00
23/08/2023 23:40	0.1	257	3	1.1	0.00
23/08/2023 23:50	2.0	254	9	2.8	0.00
24/08/2023 00:00	1.7	244	10	2.5	0.00
24/08/2023 00:10	1.5	251	9	2.0	0.00
24/08/2023 00:20	1.6	243	8	2.3	0.00
24/08/2023 00:30	1.5	246	11	2.1	0.00
24/08/2023 00:40	1.7	245	10	2.3	0.00
24/08/2023 00:50	1.9	248	11	2.6	0.00
24/08/2023 01:00	2.3	250	10	3.2	0.00
24/08/2023 01:10	2.4	246	12	3.2	0.00
24/08/2023 01:20	2.2	247	11	2.9	0.00
24/08/2023 01:30	2.4	254	11	3.1	0.00
24/08/2023 01:40	2.5	251	11	3.6	0.00
24/08/2023 01:50	2.0	241	11	2.5	0.00
24/08/2023 02:00	1.6	244	11	2.8	0.00
24/08/2023 02:10	1.8	251	12	2.8	0.00
24/08/2023 02:20	2.2	254	8	2.8	0.00
24/08/2023 02:30	2.6	256	9	3.5	0.00
24/08/2023 02:40	2.4	250	10	3.2	0.00
24/08/2023 02:50	1.9	247	11	3.1	0.00
24/08/2023 03:00	0.8	255	11	1.6	0.00
24/08/2023 03:10	1.3	250	11	2.0	0.00
24/08/2023 03:20	1.5	252	10	2.1	0.00
24/08/2023 03:30	0.9	250	14	1.3	0.00
24/08/2023 03:40	0.6	258	5	1.1	0.00
24/08/2023 03:50	1.1	242	18	1.9	0.00
24/08/2023 04:00	1.4	239	27	2.4	0.00
24/08/2023 04:10	1.3	220	38	3.2	0.00
24/08/2023 04:20	1.1	191	58	2.1	0.00
24/08/2023 04:30	1.7	209	49	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 04:40	1.3	209	42	3.1	0.00
24/08/2023 04:50	0.8	226	40	1.6	0.00
24/08/2023 05:00	0.6	267	26	1.6	0.00
24/08/2023 05:10	1.4	233	53	3.0	0.00
24/08/2023 05:20	1.0	128	47	1.9	0.00
24/08/2023 05:30	0.7	126	51	1.6	0.00
24/08/2023 05:40	0.8	291	56	1.6	0.00
24/08/2023 05:50	1.1	156	48	2.4	0.00
24/08/2023 06:00	0.6	225	31	1.1	0.00
24/08/2023 06:10	1.1	153	30	2.4	0.00
24/08/2023 06:20	1.0	175	49	1.6	0.00
24/08/2023 06:30	1.5	123	22	2.2	0.00
24/08/2023 06:40	1.9	105	14	3.4	0.00
24/08/2023 06:50	1.9	105	16	2.8	0.00
24/08/2023 07:00	0.7	144	31	1.6	0.00
24/08/2023 07:10	1.1	80	14	1.7	0.00
24/08/2023 07:20	1.6	96	14	2.5	0.00
24/08/2023 07:30	1.9	112	14	2.8	0.00
24/08/2023 07:40	1.9	112	11	2.4	0.00
24/08/2023 07:50	2.0	105	13	2.8	0.00
24/08/2023 08:00	2.4	94	12	3.3	0.00
24/08/2023 08:10	2.7	93	11	3.6	0.00
24/08/2023 08:20	2.9	95	10	3.6	0.00
24/08/2023 08:30	3.0	94	10	3.8	0.00
24/08/2023 08:40	3.2	96	11	4.1	0.00
24/08/2023 08:50	3.3	97	11	4.5	0.00
24/08/2023 09:00	3.3	95	10	4.3	0.00
24/08/2023 09:10	3.2	93	13	4.3	0.00
24/08/2023 09:20	3.5	104	14	5.0	0.00
24/08/2023 09:30	3.4	101	11	4.8	0.00
24/08/2023 09:40	3.4	101	15	4.5	0.00
24/08/2023 09:50	3.3	98	13	4.4	0.00
24/08/2023 10:00	3.4	94	14	4.4	0.00
24/08/2023 10:10	3.4	91	15	4.4	0.00
24/08/2023 10:20	3.2	100	16	4.6	0.00
24/08/2023 10:30	3.4	94	14	4.7	0.00
24/08/2023 10:40	3.4	100	17	4.9	0.00
24/08/2023 10:50	3.5	94	13	4.9	0.00
24/08/2023 11:00	3.2	92	14	4.4	0.00
24/08/2023 11:10	3.5	99	14	4.5	0.00
24/08/2023 11:20	3.4	90	13	4.9	0.00
24/08/2023 11:30	3.2	82	12	4.6	0.00
24/08/2023 11:40	2.7	98	16	4.0	0.00
24/08/2023 11:50	3.3	101	17	4.9	0.00
24/08/2023 12:00	3.2	78	14	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 12:10	3.8	88	13	5.1	0.00
24/08/2023 12:20	3.8	75	14	5.2	0.00
24/08/2023 12:30	3.7	87	12	4.8	0.00
24/08/2023 12:40	4.1	82	14	5.3	0.00
24/08/2023 12:50	4.5	81	14	6.2	0.00
24/08/2023 13:00	4.6	89	11	6.4	0.00
24/08/2023 13:10	4.9	85	13	6.8	0.00
24/08/2023 13:20	4.7	83	12	6.4	0.00
24/08/2023 13:30	4.6	84	14	6.4	0.00
24/08/2023 13:40	4.9	75	12	6.6	0.00
24/08/2023 13:50	5.2	78	12	6.9	0.00
24/08/2023 14:00	5.2	85	11	6.8	0.00
24/08/2023 14:10	5.0	79	13	7.0	0.00
24/08/2023 14:20	5.0	73	14	7.0	0.00
24/08/2023 14:30	4.9	73	12	6.5	0.00
24/08/2023 14:40	5.6	76	12	7.5	0.00
24/08/2023 14:50	4.8	73	12	7.0	0.00
24/08/2023 15:00	4.9	60	13	6.4	0.00
24/08/2023 15:10	4.7	63	12	5.8	0.00
24/08/2023 15:20	5.3	65	13	6.7	0.00
24/08/2023 15:30	4.9	73	11	7.5	0.00
24/08/2023 15:40	5.2	74	12	6.9	0.00
24/08/2023 15:50	5.1	76	12	6.9	0.00
24/08/2023 16:00	4.1	66	16	6.0	0.00
24/08/2023 16:10	3.8	42	19	5.6	0.00
24/08/2023 16:20	3.9	39	13	5.2	0.00
24/08/2023 16:30	4.0	42	14	5.7	0.00
24/08/2023 16:40	4.2	45	11	5.5	0.00
24/08/2023 16:50	3.9	42	12	5.2	0.00
24/08/2023 17:00	3.4	24	14	4.4	0.00
24/08/2023 17:10	3.0	182	17	4.2	0.00
24/08/2023 17:20	2.6	355	18	3.7	0.00
24/08/2023 17:30	2.6	4	20	3.9	0.00
24/08/2023 17:40	2.5	182	16	3.7	0.00
24/08/2023 17:50	2.5	18	17	3.6	0.00
24/08/2023 18:00	2.1	29	16	3.2	0.00
24/08/2023 18:10	2.1	17	17	3.0	0.00
24/08/2023 18:20	1.9	27	19	2.8	0.00
24/08/2023 18:30	2.1	28	15	3.3	0.00
24/08/2023 18:40	2.4	7	15	3.6	0.00
24/08/2023 18:50	2.2	10	15	3.2	0.00
24/08/2023 19:00	1.6	52	23	2.2	0.00
24/08/2023 19:10	1.5	61	17	2.1	0.00
24/08/2023 19:20	0.7	104	23	1.1	0.00
24/08/2023 19:30	0.8	198	34	1.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 19:40	0.7	209	49	1.3	0.00
24/08/2023 19:50	0.5	234	44	1.2	0.00
24/08/2023 20:00	0.5	69	9	1.2	0.00
24/08/2023 20:10	0.8	161	39	1.2	0.00
24/08/2023 20:20	0.9	197	30	1.6	0.00
24/08/2023 20:30	0.7	264	27	1.3	0.00
24/08/2023 20:40	0.4	171	21	0.8	0.00
24/08/2023 20:50					0.00
24/08/2023 21:00	0.8	293	7	1.2	0.00
24/08/2023 21:10	0.8	251	16	1.7	0.00
24/08/2023 21:20	1.8	243	11	2.5	0.00
24/08/2023 21:30	0.6	178	31	1.3	0.00
24/08/2023 21:40	0.7	221	31	1.2	0.00
24/08/2023 21:50	0.4	233	29	0.9	0.00
24/08/2023 22:00	0.4	229	12	1.2	0.00
24/08/2023 22:10	1.0	251	18	1.8	0.00
24/08/2023 22:20	1.3	243	12	2.0	0.00
24/08/2023 22:30	1.4	239	14	1.8	0.00
24/08/2023 22:40	0.5	231	14	1.2	0.00
24/08/2023 22:50	0.9	230	25	1.6	0.00
24/08/2023 23:00	0.8	264	16	1.1	0.00
24/08/2023 23:10	0.6	251	23	1.2	0.00
24/08/2023 23:20	1.0	287	7	1.5	0.00
24/08/2023 23:30	0.6	241	20	0.9	0.00
24/08/2023 23:40	0.1	255	10	0.8	0.00
24/08/2023 23:50	0.7	283	12	1.4	0.00
25/08/2023 00:00	0.5	192	16	1.1	0.00
25/08/2023 00:10	0.6	305	4	1.2	0.00
25/08/2023 00:20	0.3	312	3	1.2	0.00
25/08/2023 00:30	0.9	300	6	1.2	0.00
25/08/2023 00:40	0.7	311	6	1.2	0.00
25/08/2023 00:50	0.2	208	19	0.8	0.00
25/08/2023 01:00	0.1	253	5	0.7	0.00
25/08/2023 01:10	0.7	235	41	1.8	0.00
25/08/2023 01:20	0.4	278	30	0.9	0.00
25/08/2023 01:30	0.6	279	11	1.0	0.00
25/08/2023 01:40	0.7	223	29	1.3	0.00
25/08/2023 01:50	0.4	169	39	1.1	0.00
25/08/2023 02:00	0.8	313	36	1.4	0.00
25/08/2023 02:10	0.1	237	27	0.7	0.00
25/08/2023 02:20	0.4	207	24	1.0	0.00
25/08/2023 02:30	0.4	184	47	1.1	0.00
25/08/2023 02:40	0.7	92	19	1.4	0.00
25/08/2023 02:50	0.6	210	16	1.3	0.00
25/08/2023 03:00	1.0	338	31	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 03:10	0.6	42	62	1.3	0.00
25/08/2023 03:20	0.7	85	35	1.5	0.00
25/08/2023 03:30	1.2	143	45	2.5	0.00
25/08/2023 03:40	2.1	140	16	2.9	0.00
25/08/2023 03:50	1.3	127	34	2.3	0.00
25/08/2023 04:00	2.1	128	16	3.5	0.00
25/08/2023 04:10	2.3	137	19	3.2	0.00
25/08/2023 04:20	1.2	147	65	2.4	0.00
25/08/2023 04:30	1.4	90	33	2.5	0.00
25/08/2023 04:40	1.7	111	18	2.6	0.00
25/08/2023 04:50	1.6	92	20	2.5	0.00
25/08/2023 05:00	1.7	75	26	2.5	0.00
25/08/2023 05:10	1.3	140	34	2.4	0.00
25/08/2023 05:20	1.7	139	15	2.4	0.00
25/08/2023 05:30	1.4	146	21	2.3	0.00
25/08/2023 05:40	1.9	138	13	2.4	0.00
25/08/2023 05:50	1.8	115	12	2.3	0.00
25/08/2023 06:00	2.0	111	14	2.6	0.00
25/08/2023 06:10	1.9	97	10	2.7	0.00
25/08/2023 06:20	1.9	83	12	3.0	0.00
25/08/2023 06:30	2.2	79	9	2.7	0.00
25/08/2023 06:40	2.4	88	13	3.5	0.00
25/08/2023 06:50	2.2	82	10	2.8	0.00
25/08/2023 07:00	2.0	75	8	2.5	0.00
25/08/2023 07:10	2.0	74	9	2.5	0.00
25/08/2023 07:20	2.0	73	8	2.5	0.00
25/08/2023 07:30	2.0	75	9	2.4	0.00
25/08/2023 07:40	2.3	83	10	2.9	0.00
25/08/2023 07:50	2.3	87	10	3.2	0.00
25/08/2023 08:00	2.5	85	12	3.2	0.00
25/08/2023 08:10	3.0	86	11	4.0	0.00
25/08/2023 08:20	3.3	88	13	4.7	0.00
25/08/2023 08:30	3.1	89	11	3.9	0.00
25/08/2023 08:40	3.3	94	12	4.4	0.00
25/08/2023 08:50	3.3	89	12	4.0	0.00
25/08/2023 09:00	3.9	92	13	5.4	0.00
25/08/2023 09:10	3.6	99	12	4.7	0.00
25/08/2023 09:20	3.9	89	12	5.3	0.00
25/08/2023 09:30	4.7	89	13	6.6	0.00
25/08/2023 09:40	5.2	88	12	7.3	0.20
25/08/2023 09:50	5.0	84	11	7.1	0.00
25/08/2023 10:00	5.1	89	13	7.6	1.10
25/08/2023 10:10	6.4	89	11	8.3	0.00
25/08/2023 10:20	6.4	83	12	8.9	0.00
25/08/2023 10:30	6.4	86	11	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 10:40	5.9	84	13	8.6	0.00
25/08/2023 10:50	6.2	85	11	8.9	0.00
25/08/2023 11:00	7.0	85	11	8.9	0.00
25/08/2023 11:10	7.4	85	11	9.9	0.00
25/08/2023 11:20	7.4	84	11	9.5	0.00
25/08/2023 11:30	7.0	90	11	9.7	0.00
25/08/2023 11:40	6.6	83	11	9.1	0.00
25/08/2023 11:50	6.4	86	12	8.5	0.00
25/08/2023 12:00	6.6	84	11	9.1	0.00
25/08/2023 12:10	6.4	80	11	8.2	0.00
25/08/2023 12:20	6.7	80	11	9.3	0.00
25/08/2023 12:30	6.1	79	15	8.6	0.00
25/08/2023 12:40	6.7	72	12	10.0	0.00
25/08/2023 12:50	6.0	73	13	8.1	0.00
25/08/2023 13:00	7.1	71	10	9.5	0.00
25/08/2023 13:10	7.0	75	12	9.8	0.00
25/08/2023 13:20	7.0	69	13	9.5	0.00
25/08/2023 13:30	6.0	72	14	8.1	0.00
25/08/2023 13:40	6.3	73	15	9.7	0.00
25/08/2023 13:50	6.4	75	15	9.3	0.00
25/08/2023 14:00	6.8	71	12	9.5	0.00
25/08/2023 14:10	6.7	66	13	10.1	0.00
25/08/2023 14:20	7.3	63	12	10.7	0.00
25/08/2023 14:30	6.7	60	13	9.1	0.00
25/08/2023 14:40	7.4	60	11	10.3	0.00
25/08/2023 14:50	6.4	63	12	8.3	0.00
25/08/2023 15:00	5.6	57	14	7.4	0.00
25/08/2023 15:10	6.4	51	14	9.0	0.00
25/08/2023 15:20	6.1	53	14	8.4	0.00
25/08/2023 15:30	5.6	50	14	8.3	0.00
25/08/2023 15:40	5.5	49	12	7.5	0.00
25/08/2023 15:50	6.1	44	13	8.0	0.00
25/08/2023 16:00	5.3	48	14	7.4	0.00
25/08/2023 16:10	5.7	44	12	8.0	0.00
25/08/2023 16:20	5.2	39	13	7.5	0.00
25/08/2023 16:30	5.4	38	10	7.5	0.00
25/08/2023 16:40	4.9	42	14	6.9	0.00
25/08/2023 16:50	5.0	43	12	6.6	0.00
25/08/2023 17:00	4.9	42	13	6.4	0.00
25/08/2023 17:10	4.2	26	18	5.9	0.00
25/08/2023 17:20	3.5	15	18	5.1	0.00
25/08/2023 17:30	3.2	12	18	4.9	0.00
25/08/2023 17:40	2.8	10	17	4.2	0.00
25/08/2023 17:50	3.1	15	18	4.5	0.00
25/08/2023 18:00	3.1	14	17	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 18:10	2.9	6	17	4.4	0.00
25/08/2023 18:20	2.7	179	17	4.3	0.00
25/08/2023 18:30	2.3	16	18	3.7	0.00
25/08/2023 18:40	2.1	353	17	3.4	0.00
25/08/2023 18:50	2.0	7	18	3.4	0.00
25/08/2023 19:00	2.6	185	17	3.6	0.00
25/08/2023 19:10	2.4	351	22	4.0	0.00
25/08/2023 19:20	2.3	351	19	3.3	0.00
25/08/2023 19:30	2.3	16	20	3.7	0.00
25/08/2023 19:40	2.2	15	21	3.4	0.00
25/08/2023 19:50	1.5	48	47	2.5	0.00
25/08/2023 20:00	0.8	193	55	1.6	0.00
25/08/2023 20:10	0.9	143	45	1.4	0.00
25/08/2023 20:20	0.4	136	19	0.9	0.00
25/08/2023 20:30	0.8	34	33	1.6	0.00
25/08/2023 20:40	0.5	135	30	1.1	0.00
25/08/2023 20:50	1.2	233	17	1.6	0.00
25/08/2023 21:00	0.8	274	20	1.2	0.00
25/08/2023 21:10	0.9	307	11	1.4	0.00
25/08/2023 21:20	0.4	178	50	1.0	0.00
25/08/2023 21:30	0.3	297	13	0.9	0.00
25/08/2023 21:40	0.6	292	66	1.5	0.00
25/08/2023 21:50	0.7	172	54	1.1	0.00
25/08/2023 22:00	0.6	280	48	1.1	0.00
25/08/2023 22:10	0.6	225	16	1.2	0.00
25/08/2023 22:20	0.5	239	28	1.2	0.00
25/08/2023 22:30	0.3	200	2	1.2	0.00
25/08/2023 22:40	0.5	156	4	1.4	0.00
25/08/2023 22:50	0.4	293	52	0.9	0.00
25/08/2023 23:00	0.7	283	17	1.3	0.00
25/08/2023 23:10	0.4	197	24	0.9	0.00
25/08/2023 23:20	0.9	48	12	2.2	0.00
25/08/2023 23:30	1.0	154	12	1.2	0.00
25/08/2023 23:40	0.5	170	4	1.0	0.00
25/08/2023 23:50	0.6	322	23	1.1	0.00
26/08/2023 00:00	0.9	296	3	1.2	0.00
26/08/2023 00:10	0.8	288	7	1.2	0.00
26/08/2023 00:20	0.6	279	11	1.1	0.00
26/08/2023 00:30	0.7	290	10	1.2	0.00
26/08/2023 00:40	0.4	274	13	0.8	0.00
26/08/2023 00:50	0.3	258	9	0.8	0.00
26/08/2023 01:00	0.9	249	11	1.3	0.00
26/08/2023 01:10	0.8	279	11	1.3	0.00
26/08/2023 01:20	1.1	257	13	1.6	0.00
26/08/2023 01:30	1.0	253	15	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 01:40	0.8	257	13	1.2	0.00
26/08/2023 01:50	0.8	262	15	1.2	0.00
26/08/2023 02:00	0.8	272	18	1.2	0.00
26/08/2023 02:10	0.5	254	15	1.3	0.00
26/08/2023 02:20	1.1	299	7	1.6	0.00
26/08/2023 02:30	0.8	278	14	1.1	0.00
26/08/2023 02:40	0.8	254	18	1.2	0.00
26/08/2023 02:50	0.7	250	34	1.7	0.00
26/08/2023 03:00	1.8	147	38	3.7	0.00
26/08/2023 03:10	1.1	74	81	2.7	0.00
26/08/2023 03:20	1.3	148	80	2.4	0.00
26/08/2023 03:30	1.1	311	90	2.2	0.00
26/08/2023 03:40	1.3	274	79	2.3	0.00
26/08/2023 03:50	1.2	306	79	2.0	0.00
26/08/2023 04:00	2.0	133	39	3.1	0.00
26/08/2023 04:10	1.6	146	54	3.5	0.00
26/08/2023 04:20	1.6	118	76	3.2	0.00
26/08/2023 04:30	1.4	111	72	3.2	0.00
26/08/2023 04:40	1.1	177	88	2.4	0.00
26/08/2023 04:50	1.1	323	82	2.0	0.00
26/08/2023 05:00	0.7	151	24	1.2	0.00
26/08/2023 05:10	0.9	276	36	1.4	0.00
26/08/2023 05:20	0.8	267	61	1.6	0.00
26/08/2023 05:30	0.7	306	34	1.2	0.00
26/08/2023 05:40	1.3	300	14	1.9	0.00
26/08/2023 05:50	0.9	210	48	1.6	0.00
26/08/2023 06:00	0.6	178	54	1.4	0.00
26/08/2023 06:10	0.8	201	55	1.4	0.00
26/08/2023 06:20	0.5	266	59	1.0	0.00
26/08/2023 06:30	0.4	263	39	0.8	0.00
26/08/2023 06:40	0.0	132	7	0.6	0.00
26/08/2023 06:50	0.1	308	5	0.6	0.00
26/08/2023 07:00					0.00
26/08/2023 07:10	0.7	56	7	1.3	0.00
26/08/2023 07:20	1.1	85	12	1.6	0.00
26/08/2023 07:30	1.3	85	11	1.8	0.00
26/08/2023 07:40	2.5	84	11	3.5	0.00
26/08/2023 07:50	2.5	83	11	3.3	0.00
26/08/2023 08:00	2.5	87	12	3.3	0.00
26/08/2023 08:10	2.3	87	15	3.1	0.00
26/08/2023 08:20	2.7	88	11	3.6	0.00
26/08/2023 08:30	3.1	102	15	4.1	0.00
26/08/2023 08:40	3.8	104	13	5.2	0.00
26/08/2023 08:50	3.6	103	13	5.3	0.00
26/08/2023 09:00	3.8	92	12	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 09:10	3.6	103	14	5.2	0.00
26/08/2023 09:20	3.6	98	13	4.7	0.00
26/08/2023 09:30	3.7	87	15	5.1	0.00
26/08/2023 09:40	4.5	89	13	6.7	0.00
26/08/2023 09:50	5.5	89	14	7.7	0.00
26/08/2023 10:00	5.8	80	12	8.5	0.00
26/08/2023 10:10	6.6	84	12	9.3	0.00
26/08/2023 10:20	5.9	83	13	8.1	0.00
26/08/2023 10:30	6.5	83	12	8.8	0.00
26/08/2023 10:40	6.0	82	12	8.3	0.00
26/08/2023 10:50	6.3	76	13	9.1	0.00
26/08/2023 11:00	7.1	76	10	10.0	0.00
26/08/2023 11:10	7.5	78	11	10.3	0.00
26/08/2023 11:20	7.2	70	12	9.2	0.00
26/08/2023 11:30	7.0	78	11	9.4	0.00
26/08/2023 11:40	6.6	77	12	9.1	0.00
26/08/2023 11:50	6.3	74	13	9.2	0.00
26/08/2023 12:00	6.2	74	9	8.8	0.00
26/08/2023 12:10	6.1	71	14	7.9	0.00
26/08/2023 12:20	7.0	77	12	10.7	0.00
26/08/2023 12:30	7.2	76	12	10.3	0.00
26/08/2023 12:40	6.9	75	11	9.3	0.00
26/08/2023 12:50	6.8	72	13	9.5	0.00
26/08/2023 13:00	7.3	73	11	9.7	0.00
26/08/2023 13:10	6.3	74	14	8.3	0.00
26/08/2023 13:20	6.2	69	13	8.9	0.00
26/08/2023 13:30	7.0	75	12	10.7	0.00
26/08/2023 13:40	7.1	73	13	9.9	0.00
26/08/2023 13:50	7.0	76	13	9.9	0.00
26/08/2023 14:00	6.8	69	14	9.1	0.00
26/08/2023 14:10	7.0	66	14	10.2	0.00
26/08/2023 14:20	6.7	71	12	9.1	0.00
26/08/2023 14:30	6.6	69	10	9.1	0.00
26/08/2023 14:40	6.6	62	11	8.9	0.00
26/08/2023 14:50	5.9	66	14	7.9	0.00
26/08/2023 15:00	6.7	71	12	9.5	0.00
26/08/2023 15:10	6.7	67	12	9.5	0.00
26/08/2023 15:20	7.0	66	12	9.4	0.00
26/08/2023 15:30	6.9	64	12	9.5	0.00
26/08/2023 15:40	7.2	62	12	9.7	0.00
26/08/2023 15:50	7.3	62	12	9.4	0.00
26/08/2023 16:00	7.1	65	15	10.4	0.00
26/08/2023 16:10	6.9	61	13	9.5	0.00
26/08/2023 16:20	6.7	58	12	9.1	0.00
26/08/2023 16:30	6.8	61	12	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 16:40	6.9	59	12	9.2	0.00
26/08/2023 16:50	7.0	61	13	9.7	0.00
26/08/2023 17:00	6.4	60	11	9.8	0.00
26/08/2023 17:10	5.8	60	12	8.6	0.00
26/08/2023 17:20	6.1	60	12	8.6	0.00
26/08/2023 17:30	5.6	59	13	8.0	0.00
26/08/2023 17:40	5.5	55	12	7.4	0.00
26/08/2023 17:50	4.8	56	12	6.6	0.00
26/08/2023 18:00	4.4	56	12	6.2	0.00
26/08/2023 18:10	3.6	49	12	5.5	0.00
26/08/2023 18:20	3.9	42	11	5.1	0.00
26/08/2023 18:30	3.7	41	11	5.1	0.00
26/08/2023 18:40	3.8	50	12	5.5	0.00
26/08/2023 18:50	3.7	55	11	5.6	0.00
26/08/2023 19:00	3.4	46	13	4.6	0.00
26/08/2023 19:10	3.9	46	13	5.2	0.00
26/08/2023 19:20	4.0	50	11	5.6	0.00
26/08/2023 19:30	3.6	46	11	5.0	0.00
26/08/2023 19:40	3.2	43	12	4.2	0.00
26/08/2023 19:50	2.9	46	11	3.6	0.00
26/08/2023 20:00	2.5	43	14	3.6	0.00
26/08/2023 20:10	2.6	44	11	3.7	0.00
26/08/2023 20:20	2.5	42	12	3.7	0.00
26/08/2023 20:30	2.0	47	13	3.1	0.00
26/08/2023 20:40	1.7	51	12	2.8	0.00
26/08/2023 20:50	1.4	50	11	2.1	0.00
26/08/2023 21:00	1.0	58	12	1.4	0.00
26/08/2023 21:10	0.8	56	12	1.3	0.00
26/08/2023 21:20	1.0	48	17	1.8	0.00
26/08/2023 21:30	1.3	30	17	2.1	0.00
26/08/2023 21:40	0.7	99	15	1.6	0.00
26/08/2023 21:50	1.2	130	11	1.6	0.00
26/08/2023 22:00	1.5	112	9	1.9	0.00
26/08/2023 22:10	1.2	101	16	1.7	0.00
26/08/2023 22:20	1.2	96	15	1.8	0.00
26/08/2023 22:30	1.6	105	10	2.0	0.00
26/08/2023 22:40	1.7	100	7	2.3	0.00
26/08/2023 22:50	1.7	98	8	2.1	0.00
26/08/2023 23:00	1.1	101	8	1.9	0.00
26/08/2023 23:10					0.00
26/08/2023 23:20	0.0	117	0	0.4	0.00
26/08/2023 23:30	0.0	276	0	0.4	0.00
26/08/2023 23:40	0.0	203	0	0.4	0.00
26/08/2023 23:50					0.00
27/08/2023 00:00	0.0	256	2	0.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 00:10					0.00
27/08/2023 00:20	0.1	296	2	0.4	0.00
27/08/2023 00:30	0.1	298	3	0.5	0.00
27/08/2023 00:40	0.0	295	0	0.4	0.00
27/08/2023 00:50	0.1	297	1	0.4	0.00
27/08/2023 01:00	0.2	297	2	0.5	0.00
27/08/2023 01:10	0.0	277	0	0.4	0.00
27/08/2023 01:20	0.0	299	1	0.4	0.00
27/08/2023 01:30	0.0	301	3	0.4	0.00
27/08/2023 01:40	0.1	294	2	0.6	0.00
27/08/2023 01:50	0.0	300	0	0.4	0.00
27/08/2023 02:00	0.0	229	8	0.4	0.00
27/08/2023 02:10	0.0	230	2	0.4	0.00
27/08/2023 02:20	0.0	279	8	0.4	0.00
27/08/2023 02:30					0.00
27/08/2023 02:40	0.1	298	1	0.6	0.00
27/08/2023 02:50	0.2	306	3	0.6	0.00
27/08/2023 03:00	0.0	205	2	0.4	0.00
27/08/2023 03:10	0.0	325	5	0.4	0.00
27/08/2023 03:20	0.2	299	5	0.6	0.00
27/08/2023 03:30	0.0	69	2	0.4	0.00
27/08/2023 03:40					0.00
27/08/2023 03:50	0.0	302	1	0.4	0.00
27/08/2023 04:00	0.0	293	0	0.4	0.00
27/08/2023 04:10	0.0	318	1	0.4	0.00
27/08/2023 04:20	0.0	92	2	0.4	0.00
27/08/2023 04:30	0.1	94	6	0.5	0.00
27/08/2023 04:40	0.9	88	10	2.6	0.00
27/08/2023 04:50	1.4	93	17	2.0	0.00
27/08/2023 05:00	1.2	85	15	2.0	0.00
27/08/2023 05:10	1.5	93	12	2.2	0.00
27/08/2023 05:20	1.3	93	13	2.0	0.00
27/08/2023 05:30	1.7	95	13	2.2	0.00
27/08/2023 05:40	1.9	88	11	2.6	0.00
27/08/2023 05:50	1.6	91	12	2.3	0.00
27/08/2023 06:00	1.3	93	15	2.0	0.00
27/08/2023 06:10	1.2	76	17	2.0	0.00
27/08/2023 06:20	0.9	76	23	1.5	0.00
27/08/2023 06:30	0.6	90	16	1.2	0.00
27/08/2023 06:40	1.0	92	18	1.5	0.00
27/08/2023 06:50	0.8	98	22	1.7	0.00
27/08/2023 07:00	0.9	81	18	1.4	0.00
27/08/2023 07:10	0.5	119	18	1.0	0.00
27/08/2023 07:20	1.2	84	15	1.8	0.00
27/08/2023 07:30	1.3	102	11	1.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 07:40	1.5	112	14	2.2	0.00
27/08/2023 07:50	1.8	89	10	2.4	0.00
27/08/2023 08:00	1.7	87	12	2.3	0.00
27/08/2023 08:10	1.4	75	16	2.2	0.00
27/08/2023 08:20	1.9	121	19	2.7	0.00
27/08/2023 08:30	2.3	114	19	3.3	0.00
27/08/2023 08:40	3.2	93	11	4.2	0.00
27/08/2023 08:50	2.9	92	12	3.9	0.00
27/08/2023 09:00	3.0	95	13	4.2	0.00
27/08/2023 09:10	3.2	96	13	4.4	0.00
27/08/2023 09:20	3.2	100	15	4.7	0.00
27/08/2023 09:30	2.7	106	14	3.8	0.00
27/08/2023 09:40	3.4	94	16	4.7	0.00
27/08/2023 09:50	3.4	90	14	4.8	0.00
27/08/2023 10:00	3.7	102	17	5.2	0.00
27/08/2023 10:10	3.8	93	13	5.1	0.00
27/08/2023 10:20	3.8	97	13	5.5	0.00
27/08/2023 10:30	3.8	105	13	5.3	0.00
27/08/2023 10:40	3.3	92	15	4.5	0.00
27/08/2023 10:50	3.9	89	14	5.1	0.00
27/08/2023 11:00	3.8	93	15	5.7	0.00
27/08/2023 11:10	3.7	84	16	5.7	0.00
27/08/2023 11:20	4.1	77	12	5.6	0.00
27/08/2023 11:30	4.4	78	12	6.0	0.00
27/08/2023 11:40	4.4	81	12	5.9	0.00
27/08/2023 11:50	4.5	84	14	5.7	0.00
27/08/2023 12:00	4.0	89	13	5.6	0.00
27/08/2023 12:10	4.8	83	11	6.8	0.00
27/08/2023 12:20	5.2	83	16	7.3	0.00
27/08/2023 12:30	5.9	81	13	7.7	0.00
27/08/2023 12:40	6.0	80	12	7.8	0.00
27/08/2023 12:50	6.4	82	12	8.6	0.00
27/08/2023 13:00	6.4	82	13	9.0	0.00
27/08/2023 13:10	6.5	82	11	8.7	0.00
27/08/2023 13:20	6.6	86	11	9.1	0.00
27/08/2023 13:30	6.6	81	11	9.1	0.00
27/08/2023 13:40	6.7	84	11	8.9	0.00
27/08/2023 13:50	6.1	82	11	8.3	0.00
27/08/2023 14:00	6.0	85	12	8.0	0.00
27/08/2023 14:10	6.4	86	11	8.5	0.00
27/08/2023 14:20	6.1	87	10	8.0	0.00
27/08/2023 14:30	5.7	86	10	7.9	0.00
27/08/2023 14:40	5.6	85	11	7.5	0.00
27/08/2023 14:50	5.2	84	11	7.2	0.00
27/08/2023 15:00	5.4	85	12	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 15:10	5.3	86	11	6.8	0.00
27/08/2023 15:20	5.0	81	14	7.0	0.00
27/08/2023 15:30	5.5	85	12	7.4	0.00
27/08/2023 15:40	5.2	86	10	6.6	0.00
27/08/2023 15:50	5.1	84	11	6.6	0.00
27/08/2023 16:00	5.0	89	11	6.7	0.00
27/08/2023 16:10	4.9	88	12	6.2	0.00
27/08/2023 16:20	4.3	81	12	6.0	0.00
27/08/2023 16:30	4.3	74	12	5.6	0.00
27/08/2023 16:40	4.3	68	11	5.8	0.00
27/08/2023 16:50	4.4	72	11	6.0	0.00
27/08/2023 17:00	4.2	72	11	5.4	0.00
27/08/2023 17:10	3.3	64	12	4.7	0.00
27/08/2023 17:20	3.6	55	11	4.8	0.00
27/08/2023 17:30	3.0	52	12	4.2	0.00
27/08/2023 17:40	3.1	60	9	4.0	0.00
27/08/2023 17:50	3.0	67	9	3.8	0.00
27/08/2023 18:00	2.2	56	9	3.0	0.00
27/08/2023 18:10	2.4	39	11	3.5	0.00
27/08/2023 18:20	2.1	8	14	3.2	0.00
27/08/2023 18:30	2.1	15	15	2.8	0.00
27/08/2023 18:40	2.0	26	13	2.9	0.00
27/08/2023 18:50	2.9	45	11	3.9	0.00
27/08/2023 19:00	2.7	44	10	3.5	0.00
27/08/2023 19:10	1.7	44	11	2.5	0.00
27/08/2023 19:20	1.6	49	10	2.0	0.00
27/08/2023 19:30	1.3	55	16	2.0	0.00
27/08/2023 19:40	0.7	220	19	1.6	0.00
27/08/2023 19:50	0.6	248	31	0.8	0.00
27/08/2023 20:00					0.00
27/08/2023 20:10	0.7	263	22	1.2	0.00
27/08/2023 20:20	0.2	218	15	0.7	0.00
27/08/2023 20:30	0.4	96	30	0.9	0.00
27/08/2023 20:40	1.3	72	8	1.8	0.00
27/08/2023 20:50	0.5	62	8	0.9	0.00
27/08/2023 21:00					0.00
27/08/2023 21:10	0.8	292	7	1.1	0.00
27/08/2023 21:20	0.5	273	13	1.1	0.00
27/08/2023 21:30	0.6	291	7	1.1	0.00
27/08/2023 21:40	0.3	282	6	0.8	0.00
27/08/2023 21:50	0.3	52	21	0.8	0.00
27/08/2023 22:00	0.4	206	14	1.1	0.00
27/08/2023 22:10	0.7	210	22	1.0	0.00
27/08/2023 22:20	0.5	239	17	0.8	0.00
27/08/2023 22:30	0.7	275	20	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 22:40	0.4	234	28	0.8	0.00
27/08/2023 22:50	1.1	218	12	1.5	0.00
27/08/2023 23:00	1.1	223	14	1.5	0.00
27/08/2023 23:10	1.3	217	37	2.0	0.00
27/08/2023 23:20	0.5	164	23	1.4	0.00
27/08/2023 23:30	0.1	198	8	0.8	0.00
27/08/2023 23:40					0.00
27/08/2023 23:50					0.00
28/08/2023 00:00					0.00
28/08/2023 00:10					0.00
28/08/2023 00:20	0.2	58	2	1.0	0.00
28/08/2023 00:30					0.00
28/08/2023 00:40	0.0	302	0	0.8	0.00
28/08/2023 00:50	0.6	180	3	1.4	0.00
28/08/2023 01:00	0.5	303	10	1.1	0.00
28/08/2023 01:10					0.00
28/08/2023 01:20	0.3	284	2	1.4	0.00
28/08/2023 01:30	0.3	357	26	1.0	0.00
28/08/2023 01:40	0.8	308	16	1.2	0.00
28/08/2023 01:50					0.00
28/08/2023 02:00					0.00
28/08/2023 02:10	0.5	303	7	1.2	0.00
28/08/2023 02:20	0.3	274	9	0.8	0.00
28/08/2023 02:30					0.00
28/08/2023 02:40	0.5	264	8	1.1	0.00
28/08/2023 02:50	0.5	262	12	1.2	0.00
28/08/2023 03:00					0.00
28/08/2023 03:10					0.00
28/08/2023 03:20					0.00
28/08/2023 03:30					0.00
28/08/2023 03:40					0.00
28/08/2023 03:50					0.00
28/08/2023 04:00					0.00
28/08/2023 04:10					0.00
28/08/2023 04:20					0.00
28/08/2023 04:30					0.00
28/08/2023 04:40					0.00
28/08/2023 04:50					0.00
28/08/2023 05:00					0.00
28/08/2023 05:10					0.00
28/08/2023 05:20					0.00
28/08/2023 05:30					0.00
28/08/2023 05:40					0.00
28/08/2023 05:50					0.00
28/08/2023 06:00					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 06:10	0.7	80	4	1.9	0.00
28/08/2023 06:20	1.3	97	10	2.0	0.00
28/08/2023 06:30	1.1	95	11	1.5	0.00
28/08/2023 06:40	1.0	81	14	1.4	0.00
28/08/2023 06:50	1.4	86	11	2.0	0.00
28/08/2023 07:00	1.2	100	18	2.1	0.00
28/08/2023 07:10	0.8	69	47	1.6	0.00
28/08/2023 07:20	1.1	82	24	2.0	0.00
28/08/2023 07:30	1.8	94	15	2.8	0.00
28/08/2023 07:40	2.2	89	13	3.0	0.00
28/08/2023 07:50	2.0	95	17	2.7	0.00
28/08/2023 08:00	2.3	104	16	3.6	0.00
28/08/2023 08:10	2.9	103	13	4.0	0.00
28/08/2023 08:20	3.7	99	10	5.0	0.00
28/08/2023 08:30	3.8	101	11	5.2	0.00
28/08/2023 08:40	4.0	105	9	5.2	0.00
28/08/2023 08:50	4.0	102	10	5.5	0.00
28/08/2023 09:00	4.0	101	9	5.1	0.00
28/08/2023 09:10	3.9	103	12	5.3	0.00
28/08/2023 09:20	3.8	107	11	5.1	0.00
28/08/2023 09:30	3.2	103	13	4.2	0.00
28/08/2023 09:40	3.2	103	13	4.4	0.00
28/08/2023 09:50	3.1	96	14	4.2	0.00
28/08/2023 10:00	3.3	96	14	4.4	0.00
28/08/2023 10:10	3.3	97	14	4.3	0.00
28/08/2023 10:20	3.5	96	15	4.7	0.00
28/08/2023 10:30	3.2	82	13	4.5	0.00
28/08/2023 10:40	3.0	87	17	4.7	0.00
28/08/2023 10:50	2.9	78	14	4.2	0.00
28/08/2023 11:00	2.7	80	17	4.2	0.00
28/08/2023 11:10	2.6	89	22	4.0	0.00
28/08/2023 11:20	2.7	101	21	4.0	0.00
28/08/2023 11:30	2.1	87	18	3.6	0.00
28/08/2023 11:40	2.3	78	26	3.7	0.00
28/08/2023 11:50	2.4	73	18	3.6	0.00
28/08/2023 12:00	2.4	83	21	4.0	0.00
28/08/2023 12:10	2.7	82	18	4.2	0.00
28/08/2023 12:20	3.3	74	18	4.4	0.00
28/08/2023 12:30	2.9	93	21	4.2	0.00
28/08/2023 12:40	3.1	91	15	4.7	0.00
28/08/2023 12:50	3.1	91	14	4.2	0.00
28/08/2023 13:00	3.0	87	19	4.8	0.00
28/08/2023 13:10	3.3	85	15	4.6	0.00
28/08/2023 13:20	3.4	67	15	4.8	0.00
28/08/2023 13:30	3.1	80	17	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 13:40	3.4	97	16	4.8	0.00
28/08/2023 13:50	3.1	91	18	4.7	0.00
28/08/2023 14:00	3.5	99	16	5.1	0.00
28/08/2023 14:10	3.7	84	12	5.3	0.00
28/08/2023 14:20	3.9	81	15	5.3	0.00
28/08/2023 14:30	3.4	81	16	5.4	0.00
28/08/2023 14:40	3.9	94	16	5.5	0.00
28/08/2023 14:50	4.0	95	13	5.3	0.00
28/08/2023 15:00	4.4	95	13	6.0	0.00
28/08/2023 15:10	4.3	85	10	6.0	0.00
28/08/2023 15:20	4.3	82	10	5.9	0.00
28/08/2023 15:30	4.2	93	13	5.8	0.00
28/08/2023 15:40	4.2	100	14	5.9	0.00
28/08/2023 15:50	4.0	91	13	5.4	0.00
28/08/2023 16:00	4.7	78	10	6.7	0.00
28/08/2023 16:10	4.6	86	12	6.3	0.00
28/08/2023 16:20	4.7	90	12	6.4	0.00
28/08/2023 16:30	4.6	87	13	5.9	0.00
28/08/2023 16:40	4.3	82	12	6.4	0.00
28/08/2023 16:50	4.3	80	13	5.5	0.00
28/08/2023 17:00	3.7	79	11	4.9	0.00
28/08/2023 17:10	3.6	68	12	4.8	0.00
28/08/2023 17:20	3.4	65	11	4.7	0.00
28/08/2023 17:30	3.0	53	11	4.0	0.00
28/08/2023 17:40	1.9	40	15	3.1	0.00
28/08/2023 17:50	2.4	40	16	3.4	0.00
28/08/2023 18:00	2.8	10	21	4.5	0.00
28/08/2023 18:10	2.5	25	18	3.5	0.00
28/08/2023 18:20	1.9	8	16	3.0	0.00
28/08/2023 18:30	1.9	162	18	2.7	0.00
28/08/2023 18:40	2.5	309	21	3.8	0.00
28/08/2023 18:50	3.3	305	12	4.5	0.00
28/08/2023 19:00	3.1	307	16	4.3	0.00
28/08/2023 19:10	2.2	262	27	3.4	0.00
28/08/2023 19:20	2.0	259	23	3.3	0.00
28/08/2023 19:30	2.5	291	22	4.2	0.00
28/08/2023 19:40	3.2	306	14	4.8	0.00
28/08/2023 19:50	3.1	297	16	4.7	0.00
28/08/2023 20:00	1.6	285	29	3.0	0.00
28/08/2023 20:10	0.6	302	29	1.8	0.00
28/08/2023 20:20	1.5	284	26	3.3	0.00
28/08/2023 20:30	0.5	256	16	2.4	0.00
28/08/2023 20:40	0.2	274	10	1.3	0.00
28/08/2023 20:50	0.1	237	7	1.5	0.00
28/08/2023 21:00	0.1	229	6	1.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 21:10	0.3	266	10	1.3	0.00
28/08/2023 21:20	0.1	287	5	0.8	0.00
28/08/2023 21:30	0.4	247	14	1.2	0.00
28/08/2023 21:40	1.1	264	8	1.7	0.00
28/08/2023 21:50	0.8	267	9	1.4	0.00
28/08/2023 22:00	1.2	260	7	2.0	0.00
28/08/2023 22:10	1.6	262	7	2.5	0.00
28/08/2023 22:20	1.9	261	7	2.8	0.00
28/08/2023 22:30	1.8	260	9	2.4	0.00
28/08/2023 22:40	1.5	253	6	1.8	0.00
28/08/2023 22:50	1.3	254	6	1.6	0.00
28/08/2023 23:00	1.3	246	9	2.1	0.00
28/08/2023 23:10	1.4	235	13	2.3	0.00
28/08/2023 23:20	0.5	247	13	1.2	0.00
28/08/2023 23:30	0.7	240	11	1.5	0.00
28/08/2023 23:40	0.8	197	39	1.6	0.00
28/08/2023 23:50	0.9	229	22	1.8	0.00
29/08/2023 00:00	0.4	236	17	0.9	0.00
29/08/2023 00:10	0.3	239	10	1.1	0.00
29/08/2023 00:20	1.4	244	9	1.9	0.00
29/08/2023 00:30	1.6	250	9	2.0	0.00
29/08/2023 00:40	1.8	236	16	2.4	0.00
29/08/2023 00:50	1.3	240	13	2.0	0.00
29/08/2023 01:00	1.8	242	10	2.5	0.00
29/08/2023 01:10	1.5	238	13	2.1	0.00
29/08/2023 01:20	1.5	240	13	2.4	0.00
29/08/2023 01:30	0.6	241	9	1.7	0.00
29/08/2023 01:40	0.2	227	9	1.1	0.00
29/08/2023 01:50	0.1	241	5	1.1	0.00
29/08/2023 02:00	0.0	229	0	0.4	0.00
29/08/2023 02:10	0.5	227	15	1.6	0.00
29/08/2023 02:20					0.00
29/08/2023 02:30					0.00
29/08/2023 02:40					0.00
29/08/2023 02:50					0.00
29/08/2023 03:00					0.00
29/08/2023 03:10					0.00
29/08/2023 03:20					0.00
29/08/2023 03:30					0.00
29/08/2023 03:40					0.00
29/08/2023 03:50					0.00
29/08/2023 04:00					0.00
29/08/2023 04:10	1.5	237	18	2.7	0.00
29/08/2023 04:20	1.3	236	31	2.0	0.00
29/08/2023 04:30	2.0	219	27	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 04:40	1.6	226	24	2.8	0.00
29/08/2023 04:50	1.0	266	34	2.3	0.00
29/08/2023 05:00	1.0	237	46	2.4	0.00
29/08/2023 05:10	0.7	301	56	1.8	0.00
29/08/2023 05:20	1.4	271	34	2.4	0.00
29/08/2023 05:30	1.5	287	17	2.3	0.00
29/08/2023 05:40	0.9	285	44	1.4	0.00
29/08/2023 05:50	0.9	228	43	1.6	0.00
29/08/2023 06:00	1.0	227	72	2.1	0.00
29/08/2023 06:10	1.3	104	89	2.5	0.00
29/08/2023 06:20	1.3	101	77	2.1	0.00
29/08/2023 06:30	1.2	181	55	2.8	0.00
29/08/2023 06:40	2.2	203	37	3.8	0.00
29/08/2023 06:50	1.5	189	64	2.6	0.00
29/08/2023 07:00	1.5	240	20	2.5	0.00
29/08/2023 07:10	0.8	191	58	1.4	0.00
29/08/2023 07:20	0.9	105	48	1.6	0.00
29/08/2023 07:30	1.1	165	56	2.4	0.00
29/08/2023 07:40	1.6	102	31	2.5	0.00
29/08/2023 07:50	1.6	102	16	2.8	0.00
29/08/2023 08:00	1.9	139	19	2.9	0.00
29/08/2023 08:10	2.0	135	24	3.4	0.00
29/08/2023 08:20	1.8	112	19	2.7	0.00
29/08/2023 08:30	1.6	129	34	2.6	0.00
29/08/2023 08:40	2.2	129	27	3.2	0.00
29/08/2023 08:50	2.1	139	44	3.3	0.00
29/08/2023 09:00	1.7	100	66	2.6	0.00
29/08/2023 09:10	1.6	92	89	3.1	0.00
29/08/2023 09:20	2.2	139	51	3.6	0.00
29/08/2023 09:30	2.5	134	53	4.0	0.00
29/08/2023 09:40	2.1	105	74	3.8	0.00
29/08/2023 09:50	2.4	141	49	4.0	0.00
29/08/2023 10:00	2.3	79	68	3.6	0.00
29/08/2023 10:10	2.1	129	71	4.1	0.00
29/08/2023 10:20	2.1	190	74	3.8	0.00
29/08/2023 10:30	2.9	136	25	4.1	0.00
29/08/2023 10:40	3.1	135	23	4.6	0.00
29/08/2023 10:50	2.5	138	35	4.0	0.00
29/08/2023 11:00	2.5	130	31	4.0	0.00
29/08/2023 11:10	2.9	133	21	4.5	0.00
29/08/2023 11:20	2.8	125	25	4.4	0.00
29/08/2023 11:30	3.3	101	19	4.5	0.00
29/08/2023 11:40	3.3	91	13	4.7	0.00
29/08/2023 11:50	3.6	90	17	5.2	0.00
29/08/2023 12:00	3.1	102	17	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 12:10	3.0	110	16	4.8	0.00
29/08/2023 12:20	3.6	80	21	5.1	0.00
29/08/2023 12:30	3.8	79	15	5.2	0.00
29/08/2023 12:40	3.4	92	13	4.7	0.00
29/08/2023 12:50	3.0	77	21	4.8	0.00
29/08/2023 13:00	3.6	90	18	5.0	0.00
29/08/2023 13:10	3.1	79	28	4.7	0.00
29/08/2023 13:20	3.1	73	22	4.7	0.00
29/08/2023 13:30	3.0	78	15	5.0	0.00
29/08/2023 13:40	3.3	91	15	4.9	0.00
29/08/2023 13:50	2.3	78	24	4.1	0.00
29/08/2023 14:00	2.6	87	22	4.1	0.00
29/08/2023 14:10	2.1	207	50	3.5	0.00
29/08/2023 14:20	2.6	2	23	3.8	0.00
29/08/2023 14:30	2.9	180	18	4.4	0.00
29/08/2023 14:40	2.4	28	20	3.3	0.00
29/08/2023 14:50	2.1	58	31	3.4	0.00
29/08/2023 15:00	2.3	65	29	3.7	0.00
29/08/2023 15:10	2.4	63	25	3.5	0.00
29/08/2023 15:20	2.7	66	23	4.0	0.00
29/08/2023 15:30	2.5	13	26	3.6	0.00
29/08/2023 15:40	1.9	23	31	3.2	0.00
29/08/2023 15:50	1.8	214	45	3.6	0.00
29/08/2023 16:00	2.2	163	53	4.0	0.00
29/08/2023 16:10	3.7	307	14	4.9	0.00
29/08/2023 16:20	2.8	302	13	3.8	0.00
29/08/2023 16:30	3.5	297	19	4.8	0.00
29/08/2023 16:40	3.4	343	24	5.0	0.00
29/08/2023 16:50	3.5	353	15	5.2	0.00
29/08/2023 17:00	3.5	178	17	5.2	0.00
29/08/2023 17:10	2.7	327	15	3.9	0.00
29/08/2023 17:20	2.7	339	17	3.7	0.00
29/08/2023 17:30	2.7	327	15	3.7	0.00
29/08/2023 17:40	2.2	322	18	3.4	0.00
29/08/2023 17:50	1.8	313	20	2.7	0.00
29/08/2023 18:00	1.5	330	25	2.6	0.00
29/08/2023 18:10	1.1	170	56	2.1	0.00
29/08/2023 18:20	1.6	331	24	2.5	0.00
29/08/2023 18:30	1.6	170	22	2.6	0.00
29/08/2023 18:40	1.0	335	21	1.7	0.00
29/08/2023 18:50	1.5	327	33	2.8	0.00
29/08/2023 19:00	2.4	13	13	3.3	0.00
29/08/2023 19:10	1.0	348	28	2.0	0.00
29/08/2023 19:20	1.4	298	13	2.0	0.00
29/08/2023 19:30	1.1	283	37	1.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 19:40	0.4	173	39	1.1	0.00
29/08/2023 19:50	0.9	298	24	1.2	0.00
29/08/2023 20:00	0.3	241	17	0.9	0.00
29/08/2023 20:10	1.2	203	27	1.8	0.00
29/08/2023 20:20	1.5	264	28	3.1	0.00
29/08/2023 20:30	1.7	256	20	2.5	0.00
29/08/2023 20:40	2.7	259	9	3.4	0.00
29/08/2023 20:50	1.8	164	53	2.6	0.00
29/08/2023 21:00	1.5	249	17	2.4	0.00
29/08/2023 21:10	0.6	295	35	1.6	0.00
29/08/2023 21:20	2.1	257	23	3.2	0.00
29/08/2023 21:30	1.1	276	40	1.6	0.00
29/08/2023 21:40	1.7	238	21	2.6	0.00
29/08/2023 21:50	1.6	234	12	2.4	0.00
29/08/2023 22:00	1.0	247	4	1.6	0.00
29/08/2023 22:10	2.7	259	7	3.4	0.00
29/08/2023 22:20	0.5	232	7	1.5	0.00
29/08/2023 22:30	0.4	240	5	1.5	0.00
29/08/2023 22:40	1.5	239	9	2.6	0.00
29/08/2023 22:50	1.2	242	9	2.3	0.00
29/08/2023 23:00	1.8	252	11	2.8	0.00
29/08/2023 23:10	1.8	247	12	2.8	0.00
29/08/2023 23:20	1.4	246	12	2.0	0.00
29/08/2023 23:30	1.8	255	10	2.7	0.00
29/08/2023 23:40	1.1	239	10	2.0	0.00
29/08/2023 23:50	0.3	232	5	0.9	0.00
30/08/2023 00:00	0.0	216	0	0.4	0.00
30/08/2023 00:10					0.00
30/08/2023 00:20	0.1	286	3	0.4	0.00
30/08/2023 00:30	0.0	268	2	0.4	0.00
30/08/2023 00:40					0.00
30/08/2023 00:50	0.0	262	3	0.4	0.00
30/08/2023 01:00	0.9	251	9	1.7	0.00
30/08/2023 01:10	1.4	250	10	1.8	0.00
30/08/2023 01:20	1.1	262	9	1.4	0.00
30/08/2023 01:30	1.2	264	9	1.5	0.00
30/08/2023 01:40	1.0	265	8	1.5	0.00
30/08/2023 01:50	0.9	249	18	1.2	0.00
30/08/2023 02:00	0.7	265	13	1.1	0.00
30/08/2023 02:10	0.8	270	16	1.2	0.00
30/08/2023 02:20	1.1	266	10	1.5	0.00
30/08/2023 02:30	1.1	256	12	1.6	0.00
30/08/2023 02:40	0.9	258	10	1.5	0.00
30/08/2023 02:50	0.8	273	7	1.2	0.00
30/08/2023 03:00	1.1	268	10	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 03:10	1.4	267	8	1.6	0.00
30/08/2023 03:20	1.3	263	8	1.6	0.00
30/08/2023 03:30	1.1	281	8	1.3	0.00
30/08/2023 03:40	1.3	283	7	1.5	0.00
30/08/2023 03:50	0.5	274	5	0.9	0.00
30/08/2023 04:00	0.6	302	4	1.2	0.00
30/08/2023 04:10	1.3	302	4	1.5	0.00
30/08/2023 04:20	1.2	299	5	1.5	0.00
30/08/2023 04:30	1.2	305	5	1.6	0.00
30/08/2023 04:40	1.2	301	4	1.4	0.00
30/08/2023 04:50	1.1	298	6	1.4	0.00
30/08/2023 05:00	1.3	301	5	1.6	0.00
30/08/2023 05:10	0.9	302	7	1.3	0.00
30/08/2023 05:20	1.0	303	8	1.4	0.00
30/08/2023 05:30	0.9	308	10	1.1	0.00
30/08/2023 05:40	0.9	311	9	1.4	0.00
30/08/2023 05:50	0.4	299	16	0.9	0.00
30/08/2023 06:00	0.3	222	16	1.2	0.00
30/08/2023 06:10	0.4	248	20	1.2	0.00
30/08/2023 06:20	0.7	262	38	1.3	0.00
30/08/2023 06:30	1.2	271	60	2.0	0.00
30/08/2023 06:40	1.0	325	24	1.4	0.00
30/08/2023 06:50	1.0	309	58	1.6	0.00
30/08/2023 07:00	0.7	166	79	1.4	0.00
30/08/2023 07:10	1.0	173	64	1.8	0.00
30/08/2023 07:20	1.2	171	36	2.4	0.00
30/08/2023 07:30	1.2	231	57	2.4	0.00
30/08/2023 07:40	1.7	222	17	2.5	0.00
30/08/2023 07:50	1.5	217	19	2.4	0.00
30/08/2023 08:00	2.2	182	32	3.4	0.00
30/08/2023 08:10	1.2	232	35	2.1	0.00
30/08/2023 08:20	1.4	225	27	2.2	0.00
30/08/2023 08:30	1.7	148	47	2.8	0.00
30/08/2023 08:40	1.8	126	42	3.1	0.00
30/08/2023 08:50	2.0	132	21	3.2	0.00
30/08/2023 09:00	1.5	228	83	2.8	0.00
30/08/2023 09:10	2.5	139	30	4.1	0.00
30/08/2023 09:20	1.8	126	62	2.9	0.00
30/08/2023 09:30	1.6	89	80	3.2	0.00
30/08/2023 09:40	2.6	122	51	4.3	0.00
30/08/2023 09:50	2.2	140	64	4.1	0.00
30/08/2023 10:00	3.0	122	25	4.6	0.00
30/08/2023 10:10	2.0	147	39	3.8	0.00
30/08/2023 10:20	2.3	127	48	4.0	0.00
30/08/2023 10:30	2.9	133	22	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 10:40	2.6	131	24	4.3	0.00
30/08/2023 10:50	3.1	127	22	4.4	0.00
30/08/2023 11:00	3.2	126	16	4.8	0.00
30/08/2023 11:10	2.9	123	23	4.8	0.00
30/08/2023 11:20	2.9	106	24	4.9	0.00
30/08/2023 11:30	3.6	99	16	5.7	0.00
30/08/2023 11:40	3.5	105	19	4.8	0.00
30/08/2023 11:50	3.8	99	17	5.6	0.00
30/08/2023 12:00	3.0	84	17	6.0	0.00
30/08/2023 12:10	4.0	81	15	5.6	0.00
30/08/2023 12:20	3.6	73	12	5.2	0.00
30/08/2023 12:30	3.8	75	16	5.6	0.00
30/08/2023 12:40	4.1	85	14	6.0	0.00
30/08/2023 12:50	3.5	75	17	5.1	0.00
30/08/2023 13:00	4.4	85	15	6.5	0.00
30/08/2023 13:10	4.3	75	21	6.4	0.00
30/08/2023 13:20	4.3	87	12	6.0	0.00
30/08/2023 13:30	4.3	71	14	6.6	0.00
30/08/2023 13:40	4.6	79	15	6.3	0.00
30/08/2023 13:50	4.3	78	16	5.8	0.00
30/08/2023 14:00	4.9	74	13	6.4	0.00
30/08/2023 14:10	4.7	73	13	6.0	0.00
30/08/2023 14:20	4.8	78	12	6.3	0.00
30/08/2023 14:30	4.4	79	13	6.0	0.00
30/08/2023 14:40	4.5	78	18	6.5	0.00
30/08/2023 14:50	4.3	75	15	5.9	0.00
30/08/2023 15:00	4.3	73	13	6.2	0.00
30/08/2023 15:10	4.9	64	13	6.6	0.00
30/08/2023 15:20	4.2	45	20	6.0	0.00
30/08/2023 15:30	3.0	180	17	4.0	0.00
30/08/2023 15:40	3.0	355	15	4.3	0.00
30/08/2023 15:50	3.1	349	17	4.3	0.00
30/08/2023 16:00	3.3	349	13	4.3	0.00
30/08/2023 16:10	3.2	180	20	4.6	0.00
30/08/2023 16:20	2.8	357	19	3.7	0.00
30/08/2023 16:30	2.5	1	17	3.6	0.00
30/08/2023 16:40	2.7	6	17	3.9	0.00
30/08/2023 16:50	2.7	3	16	3.9	0.00
30/08/2023 17:00	2.5	13	17	3.4	0.00
30/08/2023 17:10	2.6	16	13	3.6	0.00
30/08/2023 17:20	2.3	13	20	3.2	0.00
30/08/2023 17:30	2.2	11	16	3.2	0.00
30/08/2023 17:40	1.9	9	21	2.7	0.00
30/08/2023 17:50	2.1	355	16	3.1	0.00
30/08/2023 18:00	2.0	342	16	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 18:10	2.3	336	17	3.4	0.00
30/08/2023 18:20	2.6	340	14	3.6	0.00
30/08/2023 18:30	2.2	341	15	2.9	0.00
30/08/2023 18:40	2.0	343	13	2.8	0.00
30/08/2023 18:50	2.3	357	14	3.2	0.00
30/08/2023 19:00	1.8	165	24	2.6	0.00
30/08/2023 19:10	1.1	172	32	1.8	0.00
30/08/2023 19:20	1.8	179	17	2.8	0.00
30/08/2023 19:30	1.2	24	16	1.8	0.00
30/08/2023 19:40	0.5	285	42	0.9	0.00
30/08/2023 19:50	0.3	280	9	0.8	0.00
30/08/2023 20:00	0.8	247	25	1.2	0.00
30/08/2023 20:10	1.1	244	30	1.9	0.00
30/08/2023 20:20	1.1	227	32	2.2	0.00
30/08/2023 20:30	0.7	171	23	1.6	0.00
30/08/2023 20:40	1.1	242	21	1.6	0.00
30/08/2023 20:50	1.1	215	25	1.6	0.00
30/08/2023 21:00	0.7	223	13	2.0	0.00
30/08/2023 21:10	0.8	261	11	1.4	0.00
30/08/2023 21:20	0.5	250	13	1.6	0.00
30/08/2023 21:30	0.4	251	20	1.2	0.00
30/08/2023 21:40	0.2	249	14	1.2	0.00
30/08/2023 21:50	0.4	299	22	1.4	0.00
30/08/2023 22:00	1.0	259	32	1.6	0.00
30/08/2023 22:10	1.0	269	19	1.7	0.00
30/08/2023 22:20	0.7	261	19	1.4	0.00
30/08/2023 22:30	0.2	170	38	0.9	0.00
30/08/2023 22:40	1.5	262	23	2.6	0.00
30/08/2023 22:50	0.4	255	11	1.3	0.00
30/08/2023 23:00	0.5	217	9	1.8	0.00
30/08/2023 23:10	0.9	249	22	1.7	0.00
30/08/2023 23:20	0.1	238	10	0.8	0.00
30/08/2023 23:30					0.00
30/08/2023 23:40	0.5	232	8	1.4	0.00
30/08/2023 23:50	0.0	235	0	0.4	0.00
31/08/2023 00:00	0.9	245	6	2.1	0.00
31/08/2023 00:10	0.6	251	4	1.2	0.00
31/08/2023 00:20	0.3	232	6	1.6	0.00
31/08/2023 00:30	0.1	256	1	0.6	0.00
31/08/2023 00:40					0.00
31/08/2023 00:50					0.00
31/08/2023 01:00					0.00
31/08/2023 01:10					0.00
31/08/2023 01:20					0.00
31/08/2023 01:30					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 01:40					0.00
31/08/2023 01:50					0.00
31/08/2023 02:00					0.00
31/08/2023 02:10					0.00
31/08/2023 02:20					0.00
31/08/2023 02:30					0.00
31/08/2023 02:40					0.00
31/08/2023 02:50					0.00
31/08/2023 03:00					0.00
31/08/2023 03:10					0.00
31/08/2023 03:20					0.00
31/08/2023 03:30					0.00
31/08/2023 03:40	0.2	239	10	0.9	0.00
31/08/2023 03:50	0.3	294	17	0.9	0.00
31/08/2023 04:00	0.6	286	39	0.9	0.00
31/08/2023 04:10	1.0	253	28	1.8	0.00
31/08/2023 04:20	1.5	259	28	2.7	0.00
31/08/2023 04:30	1.0	259	25	2.0	0.00
31/08/2023 04:40	0.9	280	13	1.4	0.00
31/08/2023 04:50	0.6	210	62	1.2	0.00
31/08/2023 05:00	1.0	179	27	1.6	0.00
31/08/2023 05:10	1.2	289	35	1.9	0.00
31/08/2023 05:20	0.9	280	86	1.6	0.00
31/08/2023 05:30	1.0	145	27	1.7	0.00
31/08/2023 05:40	0.6	211	18	1.2	0.00
31/08/2023 05:50	0.7	215	46	1.8	0.00
31/08/2023 06:00	0.8	280	30	1.5	0.00
31/08/2023 06:10	1.4	240	30	2.3	0.00
31/08/2023 06:20	0.4	121	62	1.0	0.00
31/08/2023 06:30	0.9	76	56	1.8	0.00
31/08/2023 06:40	2.6	113	22	4.0	0.00
31/08/2023 06:50	3.1	113	11	4.2	0.00
31/08/2023 07:00	2.1	102	13	3.2	0.00
31/08/2023 07:10	2.3	90	11	3.2	0.00
31/08/2023 07:20	2.2	86	15	3.6	0.00
31/08/2023 07:30	2.7	89	13	3.7	0.00
31/08/2023 07:40	2.7	94	11	3.7	0.00
31/08/2023 07:50	2.3	101	15	3.4	0.00
31/08/2023 08:00	2.1	94	15	3.2	0.00
31/08/2023 08:10	2.3	100	17	3.3	0.00
31/08/2023 08:20	2.6	106	16	3.6	0.00
31/08/2023 08:30	2.5	100	15	3.6	0.00
31/08/2023 08:40	2.3	107	16	3.2	0.00
31/08/2023 08:50	2.7	123	17	3.7	0.00
31/08/2023 09:00	2.7	128	15	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 09:10	2.4	132	20	3.3	0.00
31/08/2023 09:20	2.9	127	17	4.2	0.00
31/08/2023 09:30	3.1	95	16	4.3	0.00
31/08/2023 09:40	3.2	90	12	4.4	0.00
31/08/2023 09:50	3.1	91	12	4.4	0.00
31/08/2023 10:00	2.8	92	15	4.3	0.00
31/08/2023 10:10	2.5	106	21	4.0	0.00
31/08/2023 10:20	2.9	115	15	4.3	0.00
31/08/2023 10:30	3.7	106	17	5.2	0.00
31/08/2023 10:40	4.6	98	15	6.1	0.00
31/08/2023 10:50	3.3	94	16	4.8	0.00
31/08/2023 11:00	3.9	104	16	5.5	0.00
31/08/2023 11:10	3.9	100	10	5.3	0.00
31/08/2023 11:20	3.7	101	14	5.2	0.00
31/08/2023 11:30	3.8	100	16	5.3	0.00
31/08/2023 11:40	3.4	94	15	5.2	0.00
31/08/2023 11:50	3.8	89	21	5.3	0.00
31/08/2023 12:00	3.5	81	13	5.1	0.00
31/08/2023 12:10	4.2	82	15	6.4	0.00
31/08/2023 12:20	5.7	76	11	7.5	0.00
31/08/2023 12:30	6.8	76	10	9.0	0.00
31/08/2023 12:40	6.9	76	13	9.5	0.00
31/08/2023 12:50	6.2	74	12	9.5	0.00
31/08/2023 13:00	7.2	71	12	9.9	0.00
31/08/2023 13:10	7.2	71	11	9.8	0.00
31/08/2023 13:20	7.5	73	12	9.9	0.00
31/08/2023 13:30	8.0	70	11	11.4	0.00
31/08/2023 13:40	8.0	72	12	11.1	0.00
31/08/2023 13:50	8.1	70	10	11.0	0.00
31/08/2023 14:00	7.6	70	11	10.8	0.00
31/08/2023 14:10	7.7	74	11	9.9	0.00
31/08/2023 14:20	7.1	72	12	9.8	0.00
31/08/2023 14:30	7.4	70	11	10.5	0.00
31/08/2023 14:40	6.7	71	13	9.9	0.00
31/08/2023 14:50	6.8	65	11	9.8	0.00
31/08/2023 15:00	6.8	65	13	9.1	0.00
31/08/2023 15:10	6.7	66	11	9.9	0.00
31/08/2023 15:20	6.6	71	11	9.5	0.00
31/08/2023 15:30	6.6	72	12	8.7	0.00
31/08/2023 15:40	5.8	65	12	7.6	0.00
31/08/2023 15:50	5.8	61	11	7.9	0.00
31/08/2023 16:00	5.0	72	12	6.8	0.00
31/08/2023 16:10	4.4	70	12	6.5	0.00
31/08/2023 16:20	4.0	55	12	5.4	0.00
31/08/2023 16:30	3.7	52	14	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 16:40	4.4	47	13	5.7	0.00
31/08/2023 16:50	4.4	48	13	5.7	0.00
31/08/2023 17:00	3.7	45	12	5.4	0.00
31/08/2023 17:10	4.3	43	10	6.0	0.00
31/08/2023 17:20	4.1	39	11	5.4	0.00
31/08/2023 17:30	3.4	20	17	5.1	0.00
31/08/2023 17:40	2.8	12	17	4.2	0.00
31/08/2023 17:50	3.1	20	13	4.2	0.00
31/08/2023 18:00	2.6	5	15	4.0	0.00
31/08/2023 18:10	2.6	6	15	3.6	0.00
31/08/2023 18:20	2.6	11	17	3.8	0.00
31/08/2023 18:30	1.9	27	14	3.1	0.00
31/08/2023 18:40	0.9	46	23	1.7	0.00
31/08/2023 18:50	0.6	203	65	1.2	0.00
31/08/2023 19:00	1.1	236	20	1.6	0.00
31/08/2023 19:10	0.6	278	21	1.3	0.00
31/08/2023 19:20	0.8	56	12	1.5	0.00
31/08/2023 19:30	0.6	156	20	1.3	0.00
31/08/2023 19:40	0.5	264	27	1.0	0.00
31/08/2023 19:50	0.2	148	9	0.6	0.00
31/08/2023 20:00	0.6	36	15	1.1	0.00
31/08/2023 20:10	0.0	199	1	0.4	0.00
31/08/2023 20:20	0.6	171	27	1.1	0.00
31/08/2023 20:30	0.7	248	25	1.1	0.00
31/08/2023 20:40	0.5	221	8	1.1	0.00
31/08/2023 20:50	0.4	250	16	0.7	0.00
31/08/2023 21:00	0.5	264	12	1.0	0.00
31/08/2023 21:10	0.5	229	15	1.0	0.00
31/08/2023 21:20	2.2	233	12	3.0	0.00
31/08/2023 21:30	2.4	263	7	3.2	0.00
31/08/2023 21:40	1.1	248	21	1.4	0.00
31/08/2023 21:50	0.7	240	10	1.4	0.00
31/08/2023 22:00	1.4	253	10	1.6	0.00
31/08/2023 22:10	0.9	222	46	1.3	0.00
31/08/2023 22:20	1.7	254	12	2.3	0.00
31/08/2023 22:30	1.1	230	32	1.8	0.00
31/08/2023 22:40	1.5	259	11	2.0	0.00
31/08/2023 22:50	1.2	232	14	1.6	0.00
31/08/2023 23:00	1.4	233	16	2.0	0.00
31/08/2023 23:10	1.9	226	12	2.5	0.00
31/08/2023 23:20	0.5	223	7	1.1	0.00
31/08/2023 23:30					0.00
31/08/2023 23:40	0.0	98	0	0.4	0.00
31/08/2023 23:50	0.0	235	6	0.4	0.00
01/09/2023 00:00	1.2	240	9	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 00:10	1.5	240	9	2.0	0.00
01/09/2023 00:20	1.3	239	11	1.9	0.00
01/09/2023 00:30	1.3	247	9	1.8	0.00
01/09/2023 00:40	2.2	236	13	3.1	0.00
01/09/2023 00:50	1.9	248	12	2.5	0.00
01/09/2023 01:00	1.8	247	11	2.5	0.00
01/09/2023 01:10	1.5	232	17	2.3	0.00
01/09/2023 01:20	1.0	249	17	1.5	0.00
01/09/2023 01:30	0.2	250	6	1.0	0.00
01/09/2023 01:40	0.6	236	13	1.1	0.00
01/09/2023 01:50	0.2	273	6	1.0	0.00
01/09/2023 02:00	1.2	275	10	1.5	0.00
01/09/2023 02:10	0.7	247	29	1.3	0.00
01/09/2023 02:20	1.1	258	14	1.4	0.00
01/09/2023 02:30	0.6	259	18	1.0	0.00
01/09/2023 02:40	0.5	279	9	1.2	0.00
01/09/2023 02:50	0.6	306	6	1.0	0.00
01/09/2023 03:00	0.5	305	17	0.9	0.00
01/09/2023 03:10	0.2	173	26	0.8	0.00
01/09/2023 03:20	0.4	192	8	1.1	0.00
01/09/2023 03:30	0.5	172	43	1.2	0.00
01/09/2023 03:40	0.2	266	23	0.8	0.00
01/09/2023 03:50	0.3	291	13	1.0	0.00
01/09/2023 04:00	0.7	134	52	2.0	0.00
01/09/2023 04:10	1.5	144	56	3.2	0.00
01/09/2023 04:20	0.9	144	24	1.7	0.00
01/09/2023 04:30	1.1	90	69	2.4	0.00
01/09/2023 04:40	1.5	140	75	3.0	0.00
01/09/2023 04:50	1.4	153	57	3.1	0.00
01/09/2023 05:00	1.3	141	40	2.0	0.00
01/09/2023 05:10	1.5	136	43	3.0	0.00
01/09/2023 05:20	2.0	142	31	3.3	0.00
01/09/2023 05:30	1.9	146	32	4.2	0.00
01/09/2023 05:40	1.4	134	29	2.4	0.00
01/09/2023 05:50	1.2	111	28	1.9	0.00
01/09/2023 06:00	1.3	109	27	2.2	0.00
01/09/2023 06:10	1.3	92	21	2.6	0.00
01/09/2023 06:20	1.1	114	38	2.4	0.00
01/09/2023 06:30	1.9	99	32	2.9	0.00
01/09/2023 06:40	1.7	130	30	2.8	0.00
01/09/2023 06:50	2.3	133	24	3.9	0.00
01/09/2023 07:00	2.8	134	28	4.3	0.00
01/09/2023 07:10	2.4	133	27	3.5	0.00
01/09/2023 07:20	2.6	112	12	3.6	0.00
01/09/2023 07:30	2.1	92	13	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 07:40	2.9	107	11	4.0	0.00
01/09/2023 07:50	2.6	109	12	3.6	0.00
01/09/2023 08:00	2.8	100	10	3.9	0.00
01/09/2023 08:10	3.5	106	10	4.8	0.00
01/09/2023 08:20	3.3	104	11	4.6	0.00
01/09/2023 08:30	3.6	105	10	4.9	0.00
01/09/2023 08:40	3.6	103	11	4.5	0.00
01/09/2023 08:50	3.4	95	10	4.8	0.00
01/09/2023 09:00	3.6	92	12	4.5	0.00
01/09/2023 09:10	4.1	96	10	6.0	0.00
01/09/2023 09:20	4.0	99	12	5.2	0.00
01/09/2023 09:30	3.9	98	12	5.2	0.00
01/09/2023 09:40	4.2	98	9	5.0	0.00
01/09/2023 09:50	4.0	101	11	5.0	0.00
01/09/2023 10:00	4.3	100	12	5.9	0.00
01/09/2023 10:10	4.3	103	10	5.7	0.00
01/09/2023 10:20	4.1	95	15	5.2	0.00
01/09/2023 10:30	4.3	94	12	5.6	0.00
01/09/2023 10:40	4.0	98	12	5.3	0.00
01/09/2023 10:50	4.4	85	15	5.9	0.00
01/09/2023 11:00	4.0	80	14	5.5	0.00
01/09/2023 11:10	3.9	82	14	5.2	0.00
01/09/2023 11:20	4.4	83	12	5.8	0.00
01/09/2023 11:30	4.2	83	14	5.9	0.00
01/09/2023 11:40	5.1	73	10	6.4	0.00
01/09/2023 11:50	5.9	73	9	7.5	0.00
01/09/2023 12:00	5.6	75	12	7.5	0.00
01/09/2023 12:10	6.7	72	8	8.8	0.00
01/09/2023 12:20	7.1	75	10	9.0	0.00
01/09/2023 12:30	7.0	73	11	9.1	0.00
01/09/2023 12:40	7.3	72	11	9.4	0.00
01/09/2023 12:50	7.1	76	10	9.1	0.00
01/09/2023 13:00	6.4	71	13	8.3	0.00
01/09/2023 13:10	6.9	75	10	9.1	0.00
01/09/2023 13:20	6.6	74	10	9.1	0.00
01/09/2023 13:30	6.4	76	11	9.1	0.00
01/09/2023 13:40	6.1	71	12	8.9	0.00
01/09/2023 13:50	6.9	68	11	9.1	0.00
01/09/2023 14:00	6.8	67	11	9.1	0.00
01/09/2023 14:10	6.0	67	12	8.2	0.00
01/09/2023 14:20	6.2	67	12	8.7	0.00
01/09/2023 14:30	6.0	63	11	8.5	0.00
01/09/2023 14:40	5.9	60	11	7.3	0.00
01/09/2023 14:50	5.4	61	14	7.3	0.00
01/09/2023 15:00	5.1	66	13	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 15:10	5.1	72	14	7.2	0.00
01/09/2023 15:20	4.6	58	14	6.3	0.00
01/09/2023 15:30	4.8	66	11	6.4	0.00
01/09/2023 15:40	4.3	43	20	5.8	0.00
01/09/2023 15:50	4.5	38	14	5.9	0.00
01/09/2023 16:00	4.8	42	12	6.6	0.00
01/09/2023 16:10	4.6	45	13	5.7	0.00
01/09/2023 16:20	4.5	44	11	6.2	0.00
01/09/2023 16:30	4.2	47	10	5.6	0.00
01/09/2023 16:40	3.9	49	15	5.6	0.00
01/09/2023 16:50	3.6	46	12	4.8	0.00
01/09/2023 17:00	3.0	24	16	5.0	0.00
01/09/2023 17:10	2.8	22	16	4.3	0.00
01/09/2023 17:20	2.7	7	16	3.9	0.00
01/09/2023 17:30	2.8	9	14	4.0	0.00
01/09/2023 17:40	2.6	9	15	3.5	0.00
01/09/2023 17:50	2.4	13	15	3.4	0.00
01/09/2023 18:00	3.0	23	16	4.4	0.00
01/09/2023 18:10	3.3	36	15	4.7	0.00
01/09/2023 18:20	2.3	22	15	3.2	0.00
01/09/2023 18:30	2.1	9	15	2.9	0.00
01/09/2023 18:40	2.0	176	32	3.2	0.00
01/09/2023 18:50	0.7	243	37	1.4	0.00
01/09/2023 19:00	1.9	271	27	3.2	0.00
01/09/2023 19:10	1.6	268	28	2.9	0.00
01/09/2023 19:20	1.6	261	24	2.7	0.00
01/09/2023 19:30	2.0	260	29	3.3	0.00
01/09/2023 19:40	3.2	256	12	4.5	0.00
01/09/2023 19:50	3.6	258	12	4.7	0.00
01/09/2023 20:00	3.8	254	9	4.8	0.00
01/09/2023 20:10	4.2	259	10	5.2	0.00
01/09/2023 20:20	4.5	258	8	5.6	0.00
01/09/2023 20:30	3.9	255	11	5.0	0.00
01/09/2023 20:40	3.4	253	11	4.3	0.00
01/09/2023 20:50	3.7	253	10	4.8	0.00
01/09/2023 21:00	3.7	256	10	4.8	0.00
01/09/2023 21:10	3.3	252	10	4.2	0.00
01/09/2023 21:20	2.9	249	11	4.1	0.00
01/09/2023 21:30	2.5	242	9	3.2	0.00
01/09/2023 21:40	2.0	237	12	2.4	0.00
01/09/2023 21:50	1.6	237	12	2.5	0.00
01/09/2023 22:00	0.9	225	18	1.4	0.00
01/09/2023 22:10	0.9	231	21	2.0	0.00
01/09/2023 22:20	2.4	249	9	3.4	0.00
01/09/2023 22:30	2.8	252	9	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 22:40	2.6	248	9	3.6	0.00
01/09/2023 22:50	2.6	245	10	3.6	0.00
01/09/2023 23:00	2.2	249	8	2.9	0.00
01/09/2023 23:10	2.4	249	10	3.2	0.00
01/09/2023 23:20	2.4	246	10	3.2	0.00
01/09/2023 23:30	2.1	242	8	2.6	0.00
01/09/2023 23:40	2.1	246	9	2.9	0.00
01/09/2023 23:50	2.3	254	10	3.3	0.00
02/09/2023 00:00	2.3	261	7	2.9	0.00
02/09/2023 00:10	2.5	262	7	3.2	0.00
02/09/2023 00:20	2.5	256	8	3.2	0.00
02/09/2023 00:30	2.6	260	7	3.1	0.00
02/09/2023 00:40	2.6	259	7	3.2	0.00
02/09/2023 00:50	2.8	260	7	3.2	0.00
02/09/2023 01:00	2.7	261	7	3.4	0.00
02/09/2023 01:10	2.4	263	9	2.8	0.00
02/09/2023 01:20	2.7	261	8	3.4	0.00
02/09/2023 01:30	2.7	264	8	3.2	0.00
02/09/2023 01:40	3.0	261	7	4.0	0.00
02/09/2023 01:50	2.9	261	8	3.8	0.00
02/09/2023 02:00	2.1	255	9	2.9	0.00
02/09/2023 02:10	1.4	244	9	2.0	0.00
02/09/2023 02:20	1.4	244	8	1.6	0.00
02/09/2023 02:30	1.7	247	9	2.1	0.00
02/09/2023 02:40	1.4	238	9	2.0	0.00
02/09/2023 02:50	0.7	234	11	1.2	0.00
02/09/2023 03:00	0.3	241	9	0.8	0.00
02/09/2023 03:10	0.7	242	12	1.2	0.00
02/09/2023 03:20	1.0	245	12	1.5	0.00
02/09/2023 03:30	1.8	257	8	2.4	0.00
02/09/2023 03:40	1.5	247	10	2.0	0.00
02/09/2023 03:50	1.6	251	13	2.4	0.00
02/09/2023 04:00	2.5	253	10	3.2	0.00
02/09/2023 04:10	2.4	253	8	3.3	0.00
02/09/2023 04:20	1.7	249	9	2.2	0.00
02/09/2023 04:30	1.9	257	7	2.4	0.00
02/09/2023 04:40	2.1	255	7	2.9	0.00
02/09/2023 04:50	2.0	254	8	2.8	0.00
02/09/2023 05:00	2.0	254	8	2.6	0.00
02/09/2023 05:10	1.5	252	7	2.4	0.00
02/09/2023 05:20	1.6	254	8	2.4	0.00
02/09/2023 05:30	1.2	256	7	2.0	0.00
02/09/2023 05:40	0.8	248	6	1.6	0.00
02/09/2023 05:50	0.5	249	5	1.6	0.00
02/09/2023 06:00	2.2	244	11	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 06:10	2.4	247	9	3.3	0.00
02/09/2023 06:20	2.6	248	9	3.2	0.00
02/09/2023 06:30	2.9	250	10	4.4	0.00
02/09/2023 06:40	3.1	252	10	4.0	0.00
02/09/2023 06:50	3.0	249	13	4.1	0.00
02/09/2023 07:00	2.6	249	11	3.6	0.00
02/09/2023 07:10	2.8	252	12	3.7	0.00
02/09/2023 07:20	2.6	256	11	3.6	0.00
02/09/2023 07:30	2.7	264	13	3.6	0.00
02/09/2023 07:40	2.3	264	11	3.1	0.00
02/09/2023 07:50	2.3	260	13	3.0	0.00
02/09/2023 08:00	2.1	256	15	2.8	0.00
02/09/2023 08:10	2.4	255	15	3.4	0.00
02/09/2023 08:20	2.6	251	14	3.5	0.00
02/09/2023 08:30	2.5	251	11	3.3	0.00
02/09/2023 08:40	2.7	253	12	3.4	0.00
02/09/2023 08:50	2.5	246	13	3.6	0.00
02/09/2023 09:00	2.8	246	12	3.9	0.00
02/09/2023 09:10	2.5	242	21	3.6	0.00
02/09/2023 09:20	2.1	221	44	3.4	0.00
02/09/2023 09:30	2.8	221	23	4.0	0.00
02/09/2023 09:40	1.9	233	50	3.2	0.00
02/09/2023 09:50	1.5	177	68	2.6	0.00
02/09/2023 10:00	1.7	211	47	3.2	0.00
02/09/2023 10:10	1.3	180	79	2.7	0.00
02/09/2023 10:20	1.8	208	47	2.9	0.00
02/09/2023 10:30	2.1	224	37	3.5	0.00
02/09/2023 10:40	2.3	225	30	3.6	0.00
02/09/2023 10:50	2.3	238	20	3.6	0.00
02/09/2023 11:00	2.5	245	26	4.4	0.00
02/09/2023 11:10	2.5	259	22	4.8	0.00
02/09/2023 11:20	2.5	204	48	4.4	0.00
02/09/2023 11:30	2.0	225	39	3.4	0.00
02/09/2023 11:40	2.3	234	44	4.8	0.00
02/09/2023 11:50	2.6	260	35	4.8	0.00
02/09/2023 12:00	3.6	309	12	5.0	0.00
02/09/2023 12:10	3.1	308	18	4.8	0.00
02/09/2023 12:20	3.6	315	13	4.9	0.00
02/09/2023 12:30	4.4	298	11	5.7	0.00
02/09/2023 12:40	4.3	301	14	5.7	0.00
02/09/2023 12:50	4.2	303	14	5.7	0.00
02/09/2023 13:00	5.0	300	10	6.1	0.00
02/09/2023 13:10	4.8	293	12	6.2	0.00
02/09/2023 13:20	5.1	295	12	6.8	0.00
02/09/2023 13:30	5.0	290	13	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 13:40	4.8	303	13	6.4	0.00
02/09/2023 13:50	5.3	294	13	6.9	0.00
02/09/2023 14:00	5.8	294	10	7.3	0.00
02/09/2023 14:10	5.2	299	11	6.5	0.00
02/09/2023 14:20	5.1	301	13	6.8	0.00
02/09/2023 14:30	4.9	303	13	6.5	0.00
02/09/2023 14:40	4.3	301	15	5.8	0.00
02/09/2023 14:50	5.2	295	12	7.1	0.00
02/09/2023 15:00	4.9	294	14	6.5	0.00
02/09/2023 15:10	4.7	293	12	6.5	0.00
02/09/2023 15:20	3.7	291	16	4.8	0.00
02/09/2023 15:30	4.5	265	19	6.7	0.00
02/09/2023 15:40	4.0	273	16	6.1	0.00
02/09/2023 15:50	5.1	261	14	7.8	0.00
02/09/2023 16:00	6.4	264	12	9.0	0.00
02/09/2023 16:10	6.4	265	12	9.1	0.00
02/09/2023 16:20	6.5	263	12	8.4	0.00
02/09/2023 16:30	5.9	263	11	8.4	0.00
02/09/2023 16:40	6.8	263	11	9.0	0.00
02/09/2023 16:50	6.3	261	12	8.2	0.00
02/09/2023 17:00	5.9	263	12	8.1	0.00
02/09/2023 17:10	6.0	260	10	7.9	0.00
02/09/2023 17:20	5.8	259	11	8.0	0.00
02/09/2023 17:30	5.9	264	12	7.6	0.00
02/09/2023 17:40	5.6	259	13	7.9	0.00
02/09/2023 17:50	5.6	263	11	7.4	0.00
02/09/2023 18:00	5.9	257	13	8.2	0.00
02/09/2023 18:10	6.4	262	12	8.8	0.00
02/09/2023 18:20	5.9	258	12	8.0	0.00
02/09/2023 18:30	7.2	258	12	9.3	0.00
02/09/2023 18:40	6.4	262	12	8.6	0.00
02/09/2023 18:50	6.2	262	11	8.3	0.00
02/09/2023 19:00	6.1	262	11	7.7	0.00
02/09/2023 19:10	6.0	262	11	8.3	0.00
02/09/2023 19:20	5.7	260	11	8.0	0.00
02/09/2023 19:30	5.8	257	14	8.5	0.00
02/09/2023 19:40	6.3	255	12	8.9	0.00
02/09/2023 19:50	6.1	255	10	8.6	0.00
02/09/2023 20:00	6.3	256	14	8.8	0.00
02/09/2023 20:10	6.3	253	11	8.5	0.00
02/09/2023 20:20	6.7	255	11	9.2	0.00
02/09/2023 20:30	6.6	255	12	9.3	0.00
02/09/2023 20:40	6.4	255	11	9.1	0.00
02/09/2023 20:50	6.1	254	12	8.3	0.00
02/09/2023 21:00	6.4	255	12	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 21:10	5.3	256	11	7.3	0.00
02/09/2023 21:20	5.7	254	13	7.5	0.00
02/09/2023 21:30	6.6	253	12	8.6	0.00
02/09/2023 21:40	5.7	251	13	8.1	0.00
02/09/2023 21:50	5.6	255	14	8.2	0.00
02/09/2023 22:00	5.5	254	12	7.8	0.00
02/09/2023 22:10	4.8	248	14	7.2	0.00
02/09/2023 22:20	4.5	249	14	6.9	0.00
02/09/2023 22:30	5.6	247	15	7.8	0.00
02/09/2023 22:40	4.6	250	13	6.6	0.00
02/09/2023 22:50	4.9	248	12	7.9	0.00
02/09/2023 23:00	5.2	245	14	7.4	0.00
02/09/2023 23:10	5.1	245	11	7.1	0.00
02/09/2023 23:20	5.1	247	13	7.2	0.00
02/09/2023 23:30	5.7	246	12	7.9	0.00
02/09/2023 23:40	5.8	245	12	7.7	0.00
02/09/2023 23:50	5.8	246	12	8.6	0.00
03/09/2023 00:00	6.2	245	13	9.1	0.00
03/09/2023 00:10	6.0	247	13	8.1	0.00
03/09/2023 00:20	5.5	245	12	7.7	0.00
03/09/2023 00:30	6.8	248	13	9.9	0.00
03/09/2023 00:40	6.2	244	15	9.8	0.00
03/09/2023 00:50	5.6	245	12	8.2	0.00
03/09/2023 01:00	5.8	244	13	7.5	0.00
03/09/2023 01:10	5.8	251	13	9.2	0.00
03/09/2023 01:20	5.5	247	12	7.2	0.00
03/09/2023 01:30	5.1	250	13	7.2	0.00
03/09/2023 01:40	5.2	247	11	7.6	0.00
03/09/2023 01:50	4.2	246	12	6.0	0.00
03/09/2023 02:00	4.7	247	14	6.8	0.00
03/09/2023 02:10	4.8	246	12	6.9	0.00
03/09/2023 02:20	4.9	246	13	6.8	0.00
03/09/2023 02:30	4.8	248	14	6.6	0.00
03/09/2023 02:40	4.6	247	13	6.8	0.00
03/09/2023 02:50	4.4	245	13	6.6	0.00
03/09/2023 03:00	4.3	246	12	6.1	0.00
03/09/2023 03:10	4.1	244	14	6.4	0.00
03/09/2023 03:20	4.5	252	11	7.0	0.00
03/09/2023 03:30	4.6	249	15	6.4	0.00
03/09/2023 03:40	4.3	244	13	6.3	0.00
03/09/2023 03:50	4.4	247	13	6.9	0.00
03/09/2023 04:00	4.0	243	14	5.9	0.00
03/09/2023 04:10	3.6	247	14	5.1	0.00
03/09/2023 04:20	4.2	247	12	6.1	0.00
03/09/2023 04:30	4.7	244	13	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 04:40	4.4	248	12	6.4	0.00
03/09/2023 04:50	3.9	244	13	5.8	0.00
03/09/2023 05:00	3.3	240	15	4.8	0.00
03/09/2023 05:10	3.6	247	14	5.9	0.00
03/09/2023 05:20	3.8	245	13	5.5	0.00
03/09/2023 05:30	3.2	244	14	4.4	0.00
03/09/2023 05:40	2.9	238	15	4.3	0.00
03/09/2023 05:50	2.7	239	14	4.4	0.00
03/09/2023 06:00	3.0	233	15	4.8	0.00
03/09/2023 06:10	3.7	236	14	5.7	0.00
03/09/2023 06:20	4.2	236	15	6.1	0.00
03/09/2023 06:30	4.3	238	14	6.2	0.00
03/09/2023 06:40	3.7	237	14	5.9	0.00
03/09/2023 06:50	3.6	237	14	5.6	0.00
03/09/2023 07:00	3.6	237	13	5.7	0.00
03/09/2023 07:10	4.6	237	15	6.6	0.00
03/09/2023 07:20	4.6	233	15	6.8	0.00
03/09/2023 07:30	4.7	230	16	7.1	0.00
03/09/2023 07:40	4.6	230	16	6.8	0.00
03/09/2023 07:50	6.4	227	15	9.1	0.00
03/09/2023 08:00	5.3	229	14	7.4	0.00
03/09/2023 08:10	5.2	230	15	7.8	0.00
03/09/2023 08:20	5.5	227	17	8.3	0.00
03/09/2023 08:30	5.5	225	13	8.2	0.00
03/09/2023 08:40	5.9	228	14	8.3	0.00
03/09/2023 08:50	6.2	229	16	8.8	0.00
03/09/2023 09:00	6.4	228	13	8.5	0.00
03/09/2023 09:10	6.2	230	17	9.5	0.00
03/09/2023 09:20	5.9	227	15	9.1	0.00
03/09/2023 09:30	6.1	228	18	8.5	0.00
03/09/2023 09:40	6.2	228	13	9.2	0.00
03/09/2023 09:50	5.6	228	24	8.7	0.00
03/09/2023 10:00	6.2	222	21	8.5	0.00
03/09/2023 10:10	5.8	223	21	7.7	0.00
03/09/2023 10:20	5.5	232	16	8.6	0.00
03/09/2023 10:30	5.8	236	14	8.0	0.00
03/09/2023 10:40	5.6	231	15	8.0	0.00
03/09/2023 10:50	5.0	222	31	7.1	0.00
03/09/2023 11:00	5.1	224	21	7.5	0.00
03/09/2023 11:10	4.8	230	24	7.5	0.00
03/09/2023 11:20	4.5	230	19	7.6	0.00
03/09/2023 11:30	4.8	234	17	7.3	0.00
03/09/2023 11:40	4.9	238	16	7.8	0.00
03/09/2023 11:50	4.2	234	23	6.6	0.00
03/09/2023 12:00	4.9	236	14	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 12:10	4.2	218	25	6.6	0.00
03/09/2023 12:20	5.2	242	16	7.8	0.00
03/09/2023 12:30	4.5	245	17	6.9	0.00
03/09/2023 12:40	4.7	250	15	6.4	0.00
03/09/2023 12:50	4.8	255	16	6.4	0.00
03/09/2023 13:00	5.2	273	15	7.1	0.00
03/09/2023 13:10	5.5	273	15	6.8	0.00
03/09/2023 13:20	5.7	271	15	7.5	0.00
03/09/2023 13:30	5.8	267	18	7.5	0.00
03/09/2023 13:40	6.2	268	14	7.9	0.00
03/09/2023 13:50	6.1	267	13	7.8	0.00
03/09/2023 14:00	5.8	271	15	7.7	0.00
03/09/2023 14:10	6.3	264	14	7.9	0.00
03/09/2023 14:20	5.7	271	15	7.9	0.00
03/09/2023 14:30	5.9	262	14	7.6	0.00
03/09/2023 14:40	6.2	272	15	8.3	0.00
03/09/2023 14:50	6.7	262	12	8.9	0.00
03/09/2023 15:00	6.4	263	12	8.7	0.00
03/09/2023 15:10	6.7	265	11	9.1	0.00
03/09/2023 15:20	7.3	264	11	9.6	0.00
03/09/2023 15:30	7.3	259	11	9.9	0.00
03/09/2023 15:40	7.3	264	11	9.4	0.00
03/09/2023 15:50	7.0	264	12	10.0	0.00
03/09/2023 16:00	7.5	264	10	10.0	0.00
03/09/2023 16:10	7.2	264	10	9.8	0.00
03/09/2023 16:20	7.4	262	11	9.0	0.00
03/09/2023 16:30	7.1	265	10	9.2	0.00
03/09/2023 16:40	7.3	264	10	9.4	0.00
03/09/2023 16:50	7.5	262	11	9.7	0.00
03/09/2023 17:00	6.9	262	12	9.2	0.00
03/09/2023 17:10	7.2	265	12	9.7	0.00
03/09/2023 17:20	7.0	260	12	9.1	0.00
03/09/2023 17:30	7.0	260	12	9.2	0.00
03/09/2023 17:40	6.6	261	11	9.3	0.00
03/09/2023 17:50	7.4	261	13	9.1	0.00
03/09/2023 18:00	7.2	261	12	9.5	0.00
03/09/2023 18:10	6.2	262	11	8.6	0.00
03/09/2023 18:20	7.0	262	9	9.5	0.00
03/09/2023 18:30	6.9	263	11	9.1	0.00
03/09/2023 18:40	6.6	256	13	9.8	0.00
03/09/2023 18:50	6.6	258	12	8.5	0.00
03/09/2023 19:00	6.7	256	12	8.8	0.00
03/09/2023 19:10	5.6	261	11	8.3	0.00
03/09/2023 19:20	6.8	255	11	8.6	0.00
03/09/2023 19:30	5.5	258	11	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 19:40	6.2	254	11	8.6	0.00
03/09/2023 19:50	5.8	254	12	8.1	0.00
03/09/2023 20:00	5.6	253	11	7.9	0.00
03/09/2023 20:10	5.4	253	11	8.8	0.00
03/09/2023 20:20	5.4	254	14	8.0	0.00
03/09/2023 20:30	5.6	252	12	7.5	0.00
03/09/2023 20:40	5.6	255	12	7.5	0.00
03/09/2023 20:50	5.7	255	11	7.9	0.00
03/09/2023 21:00	5.7	255	11	7.7	0.00
03/09/2023 21:10	6.2	253	13	8.5	0.00
03/09/2023 21:20	6.1	254	10	9.1	0.00
03/09/2023 21:30	6.6	255	12	9.6	0.00
03/09/2023 21:40	6.4	253	12	9.3	0.00
03/09/2023 21:50	5.8	253	13	8.7	0.00
03/09/2023 22:00	5.2	250	13	8.5	0.00
03/09/2023 22:10	4.9	246	12	7.2	0.00
03/09/2023 22:20	4.3	245	13	6.4	0.00
03/09/2023 22:30	4.3	242	12	6.4	0.00
03/09/2023 22:40	4.5	249	13	6.8	0.00
03/09/2023 22:50	5.1	246	13	7.6	0.00
03/09/2023 23:00	4.9	246	12	6.5	0.00
03/09/2023 23:10	5.4	242	13	7.8	0.00
03/09/2023 23:20	5.3	245	14	8.7	0.00
03/09/2023 23:30	4.7	244	13	6.8	0.00
03/09/2023 23:40	4.5	240	14	7.1	0.00
03/09/2023 23:50	4.9	240	12	7.0	0.00
04/09/2023 00:00	5.3	240	14	8.7	0.00
04/09/2023 00:10	4.8	243	14	6.6	0.00
04/09/2023 00:20	4.8	241	14	7.0	0.00
04/09/2023 00:30	4.4	243	14	7.0	0.00
04/09/2023 00:40	4.3	246	14	5.9	0.00
04/09/2023 00:50	4.7	245	13	6.9	0.00
04/09/2023 01:00	4.5	241	13	6.3	0.00
04/09/2023 01:10	3.9	246	15	5.4	0.00
04/09/2023 01:20	4.1	244	13	6.4	0.00
04/09/2023 01:30	4.0	254	12	5.4	0.00
04/09/2023 01:40	3.8	255	13	5.1	0.00
04/09/2023 01:50	4.0	258	12	6.0	0.00
04/09/2023 02:00	3.7	254	11	5.0	0.00
04/09/2023 02:10	3.4	250	12	5.1	0.00
04/09/2023 02:20	3.6	248	12	4.9	0.00
04/09/2023 02:30	3.4	242	13	4.6	0.00
04/09/2023 02:40	3.3	243	13	4.8	0.00
04/09/2023 02:50	2.6	246	12	3.6	0.00
04/09/2023 03:00	2.3	238	16	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 03:10	2.3	249	15	3.2	0.00
04/09/2023 03:20	2.4	251	14	3.4	0.00
04/09/2023 03:30	2.1	245	13	3.2	0.00
04/09/2023 03:40	1.7	249	17	2.6	0.00
04/09/2023 03:50	1.7	251	13	2.4	0.00
04/09/2023 04:00	1.8	252	11	2.7	0.00
04/09/2023 04:10	2.1	254	12	3.0	0.00
04/09/2023 04:20	2.2	263	11	3.1	0.00
04/09/2023 04:30	2.2	263	10	3.2	0.00
04/09/2023 04:40	2.3	265	11	3.0	0.00
04/09/2023 04:50	2.4	265	11	3.2	0.00
04/09/2023 05:00	2.7	261	10	3.4	0.00
04/09/2023 05:10	2.7	257	10	3.4	0.00
04/09/2023 05:20	2.7	258	10	3.4	0.00
04/09/2023 05:30	2.8	257	11	3.6	0.00
04/09/2023 05:40	2.8	255	9	3.6	0.00
04/09/2023 05:50	2.9	253	10	3.5	0.00
04/09/2023 06:00	3.0	252	12	4.0	0.00
04/09/2023 06:10	2.6	240	17	3.8	0.00
04/09/2023 06:20	2.8	238	16	4.4	0.00
04/09/2023 06:30	1.9	236	22	3.6	0.00
04/09/2023 06:40	2.0	241	16	2.9	0.00
04/09/2023 06:50	1.9	228	15	2.8	0.00
04/09/2023 07:00	1.6	215	18	2.3	0.00
04/09/2023 07:10	1.5	215	32	2.3	0.00
04/09/2023 07:20	1.0	97	78	2.1	0.00
04/09/2023 07:30	1.2	113	67	2.0	0.00
04/09/2023 07:40	1.0	79	79	1.9	0.00
04/09/2023 07:50	1.1	136	88	2.1	0.00
04/09/2023 08:00	1.6	159	68	3.2	0.00
04/09/2023 08:10	1.7	156	53	2.9	0.00
04/09/2023 08:20	1.6	169	70	2.4	0.00
04/09/2023 08:30	1.5	217	67	2.6	0.00
04/09/2023 08:40	1.7	140	68	3.0	0.00
04/09/2023 08:50	2.2	140	29	3.1	0.00
04/09/2023 09:00	1.9	136	51	3.0	0.00
04/09/2023 09:10	3.0	127	20	4.5	0.00
04/09/2023 09:20	2.9	129	17	4.2	0.00
04/09/2023 09:30	2.3	138	36	3.6	0.00
04/09/2023 09:40	2.9	132	21	4.7	0.00
04/09/2023 09:50	3.2	129	19	4.8	0.00
04/09/2023 10:00	3.1	133	18	4.7	0.00
04/09/2023 10:10	3.7	122	20	5.4	0.00
04/09/2023 10:20	3.8	109	14	5.2	0.00
04/09/2023 10:30	4.2	102	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 10:40	3.8	98	13	5.4	0.00
04/09/2023 10:50	3.6	108	17	4.9	0.00
04/09/2023 11:00	3.3	93	21	4.8	0.00
04/09/2023 11:10	3.8	100	17	5.6	0.00
04/09/2023 11:20	4.3	93	18	6.2	0.00
04/09/2023 11:30	4.6	89	13	6.4	0.00
04/09/2023 11:40	4.8	82	15	6.4	0.00
04/09/2023 11:50	5.1	77	12	7.1	0.00
04/09/2023 12:00	4.6	65	16	6.1	0.00
04/09/2023 12:10	5.1	66	16	7.2	0.00
04/09/2023 12:20	5.2	76	12	7.3	0.00
04/09/2023 12:30	5.4	82	13	7.2	0.00
04/09/2023 12:40	5.3	78	13	7.0	0.00
04/09/2023 12:50	4.8	79	11	6.9	0.00
04/09/2023 13:00	5.0	70	13	7.2	0.00
04/09/2023 13:10	4.7	64	14	6.9	0.00
04/09/2023 13:20	4.6	70	11	6.1	0.00
04/09/2023 13:30	4.4	70	14	6.6	0.00
04/09/2023 13:40	4.6	61	15	6.5	0.00
04/09/2023 13:50	4.6	58	17	5.8	0.00
04/09/2023 14:00	4.6	66	15	6.3	0.00
04/09/2023 14:10	4.6	68	15	6.6	0.00
04/09/2023 14:20	4.3	57	17	6.6	0.00
04/09/2023 14:30	4.2	59	18	5.6	0.00
04/09/2023 14:40	3.8	69	17	5.6	0.00
04/09/2023 14:50	3.5	53	21	5.1	0.00
04/09/2023 15:00	3.6	58	16	5.6	0.00
04/09/2023 15:10	3.2	23	30	4.9	0.00
04/09/2023 15:20	3.1	14	21	4.8	0.00
04/09/2023 15:30	3.1	172	22	5.4	0.00
04/09/2023 15:40	3.1	6	21	4.6	0.00
04/09/2023 15:50	3.4	7	18	5.2	0.00
04/09/2023 16:00	3.4	13	16	4.9	0.00
04/09/2023 16:10	2.9	354	26	4.4	0.00
04/09/2023 16:20	3.2	335	17	4.4	0.00
04/09/2023 16:30	3.6	343	17	5.2	0.00
04/09/2023 16:40	3.5	346	17	5.2	0.00
04/09/2023 16:50	3.5	316	16	5.6	0.00
04/09/2023 17:00	4.7	299	13	6.3	0.00
04/09/2023 17:10	4.6	289	14	6.7	0.00
04/09/2023 17:20	4.5	282	14	6.2	0.00
04/09/2023 17:30	4.3	279	14	5.8	0.00
04/09/2023 17:40	4.6	266	13	5.9	0.00
04/09/2023 17:50	4.3	266	13	5.6	0.00
04/09/2023 18:00	4.1	268	11	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 18:10	3.8	272	14	4.8	0.00
04/09/2023 18:20	4.0	264	12	5.5	0.00
04/09/2023 18:30	4.4	259	10	5.5	0.00
04/09/2023 18:40	4.3	258	12	5.4	0.00
04/09/2023 18:50	4.0	259	11	5.3	0.00
04/09/2023 19:00	4.1	260	10	5.6	0.00
04/09/2023 19:10	4.2	251	11	5.4	0.00
04/09/2023 19:20	3.9	254	11	5.0	0.00
04/09/2023 19:30	4.0	259	11	4.8	0.00
04/09/2023 19:40	4.0	263	10	5.2	0.00
04/09/2023 19:50	3.9	258	11	5.2	0.00
04/09/2023 20:00	3.7	257	12	5.2	0.00
04/09/2023 20:10	4.1	258	10	5.5	0.00
04/09/2023 20:20	3.9	258	11	5.2	0.00
04/09/2023 20:30	4.0	256	11	5.5	0.00
04/09/2023 20:40	3.5	253	10	4.8	0.00
04/09/2023 20:50	3.3	251	11	4.4	0.00
04/09/2023 21:00	3.2	251	11	4.5	0.00
04/09/2023 21:10	3.1	248	13	4.7	0.00
04/09/2023 21:20	3.1	249	12	4.3	0.00
04/09/2023 21:30	3.2	254	12	4.1	0.00
04/09/2023 21:40	3.1	248	13	4.8	0.00
04/09/2023 21:50	3.4	248	12	4.8	0.00
04/09/2023 22:00	3.5	246	12	4.8	0.00
04/09/2023 22:10	3.7	248	12	5.2	0.00
04/09/2023 22:20	3.8	244	11	5.2	0.00
04/09/2023 22:30	3.8	250	11	5.1	0.00
04/09/2023 22:40	3.7	248	13	5.1	0.00
04/09/2023 22:50	3.2	242	13	4.3	0.00
04/09/2023 23:00	3.3	247	12	4.6	0.00
04/09/2023 23:10	3.7	251	12	5.1	0.00
04/09/2023 23:20	3.9	246	12	5.6	0.00
04/09/2023 23:30	3.6	249	13	4.5	0.00
04/09/2023 23:40	3.7	250	12	5.3	0.00
04/09/2023 23:50	3.4	247	10	4.5	0.00
05/09/2023 00:00	3.6	250	13	4.8	0.00
05/09/2023 00:10	3.3	250	11	4.5	0.00
05/09/2023 00:20	3.3	250	10	4.5	0.00
05/09/2023 00:30	2.9	252	12	4.0	0.00
05/09/2023 00:40	2.9	248	12	3.9	0.00
05/09/2023 00:50	2.7	243	11	4.1	0.00
05/09/2023 01:00	2.2	245	12	3.1	0.00
05/09/2023 01:10	2.4	250	12	3.6	0.00
05/09/2023 01:20	2.1	247	11	2.8	0.00
05/09/2023 01:30	2.4	247	10	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 01:40	1.8	248	13	2.8	0.00
05/09/2023 01:50	1.9	247	11	2.8	0.00
05/09/2023 02:00	2.8	247	11	3.6	0.00
05/09/2023 02:10	2.8	252	10	3.9	0.00
05/09/2023 02:20	2.6	247	9	3.6	0.00
05/09/2023 02:30	2.7	247	12	3.6	0.00
05/09/2023 02:40	2.7	244	11	3.8	0.00
05/09/2023 02:50	2.9	239	12	4.0	0.00
05/09/2023 03:00	2.8	242	12	3.8	0.00
05/09/2023 03:10	2.8	240	12	3.8	0.00
05/09/2023 03:20	3.0	236	12	4.0	0.00
05/09/2023 03:30	3.3	238	11	4.4	0.00
05/09/2023 03:40	2.8	231	14	4.1	0.00
05/09/2023 03:50	3.3	242	11	4.4	0.00
05/09/2023 04:00	2.9	244	12	4.0	0.00
05/09/2023 04:10	3.0	235	14	4.0	0.00
05/09/2023 04:20	3.3	231	11	4.6	0.00
05/09/2023 04:30	2.6	235	12	4.0	0.00
05/09/2023 04:40	2.5	237	13	3.9	0.00
05/09/2023 04:50	2.5	237	12	3.5	0.00
05/09/2023 05:00	1.9	233	12	3.5	0.00
05/09/2023 05:10	1.7	234	13	2.9	0.00
05/09/2023 05:20	1.5	230	12	2.9	0.00
05/09/2023 05:30	0.6	223	15	1.5	0.00
05/09/2023 05:40	0.3	238	13	0.8	0.00
05/09/2023 05:50	0.1	240	14	0.5	0.00
05/09/2023 06:00	0.1	205	17	0.4	0.00
05/09/2023 06:10	0.1	168	22	0.4	0.00
05/09/2023 06:20	0.3	282	5	0.7	0.00
05/09/2023 06:30	0.0	219	1	0.4	0.00
05/09/2023 06:40	0.4	57	24	0.8	0.00
05/09/2023 06:50	0.3	65	20	0.8	0.00
05/09/2023 07:00	0.5	79	10	1.0	0.00
05/09/2023 07:10	1.0	71	13	1.5	0.00
05/09/2023 07:20	1.0	65	16	2.0	0.00
05/09/2023 07:30	1.7	64	12	2.5	0.00
05/09/2023 07:40	2.1	77	15	2.8	0.00
05/09/2023 07:50	2.9	83	12	4.0	0.00
05/09/2023 08:00	2.9	83	13	4.2	0.00
05/09/2023 08:10	3.0	84	13	4.2	0.00
05/09/2023 08:20	3.2	95	12	4.3	0.00
05/09/2023 08:30	3.3	91	11	4.2	0.00
05/09/2023 08:40	2.9	86	13	4.1	0.00
05/09/2023 08:50	3.2	66	14	4.4	0.00
05/09/2023 09:00	3.6	76	11	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 09:10	3.7	77	13	5.0	0.00
05/09/2023 09:20	3.4	63	14	5.0	0.00
05/09/2023 09:30	4.1	70	13	5.4	0.00
05/09/2023 09:40	4.0	64	15	5.3	0.00
05/09/2023 09:50	4.2	73	12	5.9	0.00
05/09/2023 10:00	3.7	79	12	5.0	0.00
05/09/2023 10:10	3.5	63	15	5.2	0.00
05/09/2023 10:20	3.2	42	22	5.2	0.00
05/09/2023 10:30	3.5	47	16	5.3	0.00
05/09/2023 10:40	3.7	50	14	5.4	0.00
05/09/2023 10:50	3.6	42	18	5.7	0.00
05/09/2023 11:00	2.8	10	25	4.4	0.00
05/09/2023 11:10	3.0	338	26	4.7	0.00
05/09/2023 11:20	3.3	335	27	5.2	0.00
05/09/2023 11:30	3.5	335	23	5.6	0.00
05/09/2023 11:40	3.8	337	23	6.0	0.00
05/09/2023 11:50	3.1	181	33	4.9	0.00
05/09/2023 12:00	3.3	179	25	5.2	0.00
05/09/2023 12:10	4.1	5	21	6.0	0.00
05/09/2023 12:20	4.2	177	21	5.8	0.00
05/09/2023 12:30	4.0	344	23	6.4	0.00
05/09/2023 12:40	4.2	175	23	6.0	0.00
05/09/2023 12:50	4.2	9	20	6.1	0.00
05/09/2023 13:00	3.9	3	22	5.9	0.00
05/09/2023 13:10	3.6	185	25	5.3	0.00
05/09/2023 13:20	4.0	176	22	5.6	0.00
05/09/2023 13:30	3.5	174	25	5.3	0.00
05/09/2023 13:40	3.8	184	22	5.4	0.00
05/09/2023 13:50	3.9	185	20	6.0	0.00
05/09/2023 14:00	3.7	6	27	5.5	0.00
05/09/2023 14:10	3.1	355	26	4.6	0.00
05/09/2023 14:20	3.5	322	26	4.9	0.00
05/09/2023 14:30	4.1	299	16	5.7	0.00
05/09/2023 14:40	3.8	305	19	6.0	0.00
05/09/2023 14:50	3.3	327	26	5.7	0.00
05/09/2023 15:00	3.0	342	25	4.7	0.00
05/09/2023 15:10	2.6	330	37	4.5	0.00
05/09/2023 15:20	2.4	319	35	4.4	0.00
05/09/2023 15:30	2.5	327	31	4.4	0.00
05/09/2023 15:40	3.6	307	18	5.8	0.00
05/09/2023 15:50	3.5	305	18	5.5	0.00
05/09/2023 16:00	3.7	302	18	5.4	0.00
05/09/2023 16:10	3.5	300	17	5.2	0.00
05/09/2023 16:20	4.1	299	13	5.7	0.00
05/09/2023 16:30	4.5	295	11	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 16:40	4.4	295	11	5.6	0.00
05/09/2023 16:50	4.6	298	11	6.0	0.00
05/09/2023 17:00	4.3	294	15	6.0	0.00
05/09/2023 17:10	4.1	288	14	5.5	0.00
05/09/2023 17:20	4.2	290	16	5.9	0.00
05/09/2023 17:30	4.3	288	14	6.1	0.00
05/09/2023 17:40	4.6	292	12	6.2	0.00
05/09/2023 17:50	4.5	286	13	6.0	0.00
05/09/2023 18:00	4.0	287	14	5.6	0.00
05/09/2023 18:10	4.3	287	15	5.6	0.00
05/09/2023 18:20	4.6	292	13	6.0	0.00
05/09/2023 18:30	4.2	285	15	6.2	0.00
05/09/2023 18:40	5.0	294	11	6.7	0.00
05/09/2023 18:50	4.8	293	15	6.5	0.00
05/09/2023 19:00	4.4	292	14	5.9	0.00
05/09/2023 19:10	4.2	287	15	6.0	0.00
05/09/2023 19:20	4.1	290	14	6.0	0.00
05/09/2023 19:30	3.7	283	16	5.7	0.00
05/09/2023 19:40	3.3	276	17	4.9	0.00
05/09/2023 19:50	3.9	272	16	5.2	0.00
05/09/2023 20:00	3.9	268	12	5.5	0.00
05/09/2023 20:10	3.2	274	15	4.5	0.00
05/09/2023 20:20	3.5	267	12	4.8	0.00
05/09/2023 20:30	3.6	266	10	4.8	0.00
05/09/2023 20:40	3.8	264	9	4.9	0.00
05/09/2023 20:50	3.4	263	11	4.4	0.00
05/09/2023 21:00	3.1	261	10	4.0	0.00
05/09/2023 21:10	3.1	266	13	4.0	0.00
05/09/2023 21:20	2.9	260	11	4.3	0.00
05/09/2023 21:30	3.3	259	9	4.4	0.00
05/09/2023 21:40	3.6	260	9	4.8	0.00
05/09/2023 21:50	3.6	261	9	4.8	0.00
05/09/2023 22:00	3.8	262	9	4.9	0.00
05/09/2023 22:10	4.1	263	10	5.1	0.00
05/09/2023 22:20	4.2	265	10	6.0	0.00
05/09/2023 22:30	4.2	263	10	5.3	0.00
05/09/2023 22:40	3.4	267	13	4.7	0.00
05/09/2023 22:50	3.6	258	11	5.0	0.00
05/09/2023 23:00	3.9	260	10	5.2	0.00
05/09/2023 23:10	3.9	262	10	5.6	0.00
05/09/2023 23:20	3.4	272	14	4.6	0.00
05/09/2023 23:30	2.9	272	14	4.1	0.00
05/09/2023 23:40	2.7	275	15	4.3	0.00
05/09/2023 23:50	3.0	269	14	4.6	0.00
06/09/2023 00:00	3.0	270	13	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 00:10	2.8	266	11	4.2	0.00
06/09/2023 00:20	2.9	269	12	4.1	0.00
06/09/2023 00:30	2.8	267	12	4.0	0.00
06/09/2023 00:40	2.5	269	13	3.4	0.00
06/09/2023 00:50	2.8	265	12	3.7	0.00
06/09/2023 01:00	3.3	264	9	4.7	0.00
06/09/2023 01:10	3.2	263	8	4.3	0.00
06/09/2023 01:20	3.1	264	9	4.1	0.00
06/09/2023 01:30	3.1	265	8	4.2	0.00
06/09/2023 01:40	2.7	262	9	3.7	0.00
06/09/2023 01:50	2.3	256	11	3.3	0.00
06/09/2023 02:00	1.6	241	12	2.3	0.00
06/09/2023 02:10	0.3	128	6	1.4	0.00
06/09/2023 02:20	0.0	131	0	0.4	0.00
06/09/2023 02:30					0.00
06/09/2023 02:40					0.00
06/09/2023 02:50					0.00
06/09/2023 03:00					0.00
06/09/2023 03:10					0.00
06/09/2023 03:20	0.1	299	3	0.6	0.00
06/09/2023 03:30	0.1	178	20	0.6	0.00
06/09/2023 03:40	0.1	47	4	0.4	0.00
06/09/2023 03:50	0.3	155	26	0.9	0.00
06/09/2023 04:00	0.0	215	10	0.4	0.00
06/09/2023 04:10	0.2	302	3	0.8	0.00
06/09/2023 04:20	0.3	171	27	0.7	0.00
06/09/2023 04:30	0.1	168	15	0.6	0.00
06/09/2023 04:40	0.4	203	14	0.8	0.00
06/09/2023 04:50	0.5	199	16	0.9	0.00
06/09/2023 05:00	0.1	154	8	0.8	0.00
06/09/2023 05:10	0.5	210	20	1.0	0.00
06/09/2023 05:20					0.00
06/09/2023 05:30					0.00
06/09/2023 05:40	0.5	311	23	1.3	0.00
06/09/2023 05:50	0.3	185	23	0.8	0.00
06/09/2023 06:00	0.3	76	8	0.9	0.00
06/09/2023 06:10	0.3	307	8	1.0	0.00
06/09/2023 06:20	0.2	260	11	0.8	0.00
06/09/2023 06:30	0.4	291	6	1.6	0.00
06/09/2023 06:40	0.5	190	20	1.3	0.00
06/09/2023 06:50	0.5	54	18	1.1	0.00
06/09/2023 07:00	0.0	15	3	0.4	0.00
06/09/2023 07:10	0.0	65	0	0.4	0.00
06/09/2023 07:20	0.6	107	12	1.1	0.00
06/09/2023 07:30	0.8	94	16	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 07:40	0.9	82	13	1.7	0.00
06/09/2023 07:50	0.9	60	18	2.4	0.00
06/09/2023 08:00	1.8	27	22	2.9	0.00
06/09/2023 08:10	1.9	23	30	2.9	0.00
06/09/2023 08:20	2.2	29	22	3.9	0.00
06/09/2023 08:30	2.5	50	21	3.8	0.00
06/09/2023 08:40	2.4	15	29	3.6	0.00
06/09/2023 08:50	1.9	14	32	3.2	0.00
06/09/2023 09:00	2.1	47	34	3.2	0.00
06/09/2023 09:10	2.1	177	39	3.5	0.00
06/09/2023 09:20	2.3	196	33	3.9	0.00
06/09/2023 09:30	2.4	19	43	4.0	0.00
06/09/2023 09:40	1.9	21	43	3.8	0.00
06/09/2023 09:50	2.2	14	33	3.7	0.00
06/09/2023 10:00	2.0	9	32	3.5	0.00
06/09/2023 10:10	2.4	16	23	3.9	0.00
06/09/2023 10:20	2.2	357	34	3.4	0.00
06/09/2023 10:30	1.9	337	42	3.2	0.00
06/09/2023 10:40	2.4	4	34	3.6	0.00
06/09/2023 10:50	2.4	309	34	4.6	0.00
06/09/2023 11:00	1.9	175	53	3.6	0.00
06/09/2023 11:10	2.3	177	54	4.6	0.00
06/09/2023 11:20	1.6	181	62	3.4	0.00
06/09/2023 11:30	2.2	174	34	4.4	0.00
06/09/2023 11:40	2.4	15	38	4.1	0.00
06/09/2023 11:50	2.0	25	48	3.5	0.00
06/09/2023 12:00	2.4	180	36	4.0	0.00
06/09/2023 12:10	2.7	171	32	4.3	0.00
06/09/2023 12:20	2.2	181	45	3.7	0.00
06/09/2023 12:30	1.9	6	66	3.8	0.00
06/09/2023 12:40	2.5	351	29	4.4	0.00
06/09/2023 12:50	2.7	175	27	4.0	0.00
06/09/2023 13:00	3.3	341	22	5.9	0.00
06/09/2023 13:10	3.9	347	23	5.6	0.00
06/09/2023 13:20	3.8	348	25	5.2	0.00
06/09/2023 13:30	3.3	180	32	4.9	0.00
06/09/2023 13:40	3.3	346	22	5.5	0.00
06/09/2023 13:50	3.2	348	23	4.8	0.00
06/09/2023 14:00	3.2	342	23	4.5	0.00
06/09/2023 14:10	3.4	353	17	5.4	0.00
06/09/2023 14:20	3.3	174	31	6.2	0.00
06/09/2023 14:30	3.3	183	28	5.5	0.00
06/09/2023 14:40	3.2	1	27	6.0	0.00
06/09/2023 14:50	3.6	343	24	5.7	0.00
06/09/2023 15:00	3.5	357	24	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 15:10	3.5	356	32	5.0	0.00
06/09/2023 15:20	3.6	355	27	6.0	0.00
06/09/2023 15:30	3.3	351	24	5.3	0.00
06/09/2023 15:40	3.4	178	26	5.2	0.00
06/09/2023 15:50	3.3	13	29	5.0	0.00
06/09/2023 16:00	3.5	359	29	5.4	0.00
06/09/2023 16:10	3.5	4	26	5.6	0.00
06/09/2023 16:20	3.5	175	25	6.3	0.00
06/09/2023 16:30	3.5	12	23	5.2	0.00
06/09/2023 16:40	3.4	7	27	5.7	0.00
06/09/2023 16:50	3.2	9	23	4.8	0.00
06/09/2023 17:00	3.1	1	24	4.5	0.00
06/09/2023 17:10	3.5	5	25	5.3	0.00
06/09/2023 17:20	3.5	17	20	5.9	0.00
06/09/2023 17:30	3.2	12	20	5.1	0.00
06/09/2023 17:40	3.4	17	21	5.1	0.00
06/09/2023 17:50	3.3	7	22	4.6	0.00
06/09/2023 18:00	3.0	11	20	4.8	0.00
06/09/2023 18:10	3.3	8	25	5.4	0.00
06/09/2023 18:20	3.4	7	19	5.1	0.00
06/09/2023 18:30	3.3	16	23	5.6	0.00
06/09/2023 18:40	3.3	16	18	5.1	0.00
06/09/2023 18:50	3.2	8	20	4.9	0.00
06/09/2023 19:00	3.3	355	26	5.0	0.00
06/09/2023 19:10	3.3	12	21	5.2	0.00
06/09/2023 19:20	2.9	338	22	4.4	0.00
06/09/2023 19:30	2.4	342	25	4.4	0.00
06/09/2023 19:40	2.4	324	32	4.6	0.00
06/09/2023 19:50	2.4	311	24	4.0	0.00
06/09/2023 20:00	2.4	303	19	3.9	0.00
06/09/2023 20:10	2.4	295	18	3.6	0.00
06/09/2023 20:20	2.5	280	19	4.0	0.00
06/09/2023 20:30	3.0	278	16	4.3	0.00
06/09/2023 20:40	3.1	273	15	4.3	0.00
06/09/2023 20:50	3.0	272	14	4.1	0.00
06/09/2023 21:00	3.0	268	13	4.0	0.00
06/09/2023 21:10	3.6	265	11	4.7	0.00
06/09/2023 21:20	3.4	261	10	4.4	0.00
06/09/2023 21:30	3.6	260	8	4.5	0.00
06/09/2023 21:40	3.7	260	9	4.8	0.00
06/09/2023 21:50	3.6	263	9	4.8	0.00
06/09/2023 22:00	3.3	259	10	4.4	0.00
06/09/2023 22:10	3.2	251	12	4.4	0.00
06/09/2023 22:20	2.8	248	13	4.0	0.00
06/09/2023 22:30	2.1	230	14	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 22:40	1.9	244	13	2.7	0.00
06/09/2023 22:50	1.8	232	15	2.6	0.00
06/09/2023 23:00	1.9	235	11	2.9	0.00
06/09/2023 23:10	1.7	231	13	2.6	0.00
06/09/2023 23:20	0.7	225	6	1.4	0.00
06/09/2023 23:30	0.0	241	0	0.4	0.00
06/09/2023 23:40					0.00
06/09/2023 23:50					0.00
07/09/2023 00:00	0.0	69	0	0.4	0.00
07/09/2023 00:10	0.0	48	1	0.4	0.00
07/09/2023 00:20	0.0	54	0	0.4	0.00
07/09/2023 00:30	0.1	45	2	0.4	0.00
07/09/2023 00:40	0.0	301	1	0.4	0.00
07/09/2023 00:50					0.00
07/09/2023 01:00					0.00
07/09/2023 01:10	0.0	296	0	0.4	0.00
07/09/2023 01:20	0.0	287	4	0.4	0.00
07/09/2023 01:30	0.1	275	3	0.5	0.00
07/09/2023 01:40					0.00
07/09/2023 01:50	0.1	320	1	0.6	0.00
07/09/2023 02:00	0.0	75	0	0.4	0.00
07/09/2023 02:10					0.00
07/09/2023 02:20	0.1	59	10	0.7	0.00
07/09/2023 02:30	0.0	138	18	0.4	0.00
07/09/2023 02:40	0.0	102	5	0.5	0.00
07/09/2023 02:50	0.5	69	13	1.2	0.00
07/09/2023 03:00	0.8	88	13	1.4	0.00
07/09/2023 03:10	1.0	51	14	1.4	0.00
07/09/2023 03:20	0.6	33	9	0.9	0.00
07/09/2023 03:30	1.3	60	10	1.8	0.00
07/09/2023 03:40	1.8	66	6	2.3	0.00
07/09/2023 03:50	1.8	52	6	2.0	0.00
07/09/2023 04:00	1.4	59	14	1.8	0.00
07/09/2023 04:10	0.7	84	8	1.2	0.00
07/09/2023 04:20	0.8	78	6	1.2	0.00
07/09/2023 04:30	0.2	140	3	0.8	0.00
07/09/2023 04:40					0.00
07/09/2023 04:50					0.00
07/09/2023 05:00	0.0	56	3	0.4	0.00
07/09/2023 05:10	1.2	63	6	2.0	0.00
07/09/2023 05:20	1.6	66	7	2.1	0.00
07/09/2023 05:30	1.7	71	8	2.3	0.00
07/09/2023 05:40	1.9	79	9	2.8	0.00
07/09/2023 05:50	2.3	83	10	3.0	0.00
07/09/2023 06:00	1.9	76	9	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 06:10	2.3	78	9	3.1	0.00
07/09/2023 06:20	2.3	98	11	3.4	0.00
07/09/2023 06:30	1.5	107	8	2.2	0.00
07/09/2023 06:40	1.9	99	12	2.7	0.00
07/09/2023 06:50	2.3	99	11	3.3	0.00
07/09/2023 07:00	2.1	111	13	3.3	0.00
07/09/2023 07:10	2.3	109	14	3.5	0.00
07/09/2023 07:20	3.0	97	10	4.3	0.00
07/09/2023 07:30	3.7	96	11	5.2	0.00
07/09/2023 07:40	3.9	101	13	5.3	0.00
07/09/2023 07:50	4.0	108	12	5.3	0.00
07/09/2023 08:00	4.1	97	11	5.9	0.00
07/09/2023 08:10	4.1	99	11	6.1	0.00
07/09/2023 08:20	4.1	95	12	6.0	0.00
07/09/2023 08:30	4.3	103	12	6.2	0.00
07/09/2023 08:40	4.0	93	13	5.2	0.00
07/09/2023 08:50	4.5	94	12	6.8	0.00
07/09/2023 09:00	4.8	94	14	7.1	0.00
07/09/2023 09:10	5.7	89	11	8.0	0.00
07/09/2023 09:20	6.4	89	12	9.0	0.00
07/09/2023 09:30	6.8	93	15	9.7	0.00
07/09/2023 09:40	7.2	92	14	10.8	0.00
07/09/2023 09:50	7.3	89	11	10.5	0.00
07/09/2023 10:00	7.6	85	13	9.9	0.00
07/09/2023 10:10	7.4	88	13	9.8	0.00
07/09/2023 10:20	7.2	79	12	9.4	0.00
07/09/2023 10:30	7.1	80	10	8.8	0.00
07/09/2023 10:40	6.5	79	12	8.4	0.00
07/09/2023 10:50	7.1	82	11	9.2	0.00
07/09/2023 11:00	7.0	75	12	10.3	0.00
07/09/2023 11:10	8.3	82	11	11.1	0.00
07/09/2023 11:20	7.5	75	12	10.1	0.00
07/09/2023 11:30	7.2	79	10	9.6	0.00
07/09/2023 11:40	6.6	77	13	9.8	0.00
07/09/2023 11:50	7.5	76	12	9.7	0.00
07/09/2023 12:00	8.0	69	12	10.3	0.00
07/09/2023 12:10	7.6	64	13	10.3	0.00
07/09/2023 12:20	7.5	67	12	10.5	0.00
07/09/2023 12:30	7.0	64	12	9.0	0.00
07/09/2023 12:40	7.0	59	14	9.9	0.00
07/09/2023 12:50	7.6	56	13	9.7	0.00
07/09/2023 13:00	6.6	57	13	9.2	0.00
07/09/2023 13:10	6.3	64	14	8.7	0.00
07/09/2023 13:20	6.2	61	14	8.7	0.00
07/09/2023 13:30	6.6	60	12	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 13:40	6.8	64	12	9.4	0.00
07/09/2023 13:50	7.0	53	13	8.9	0.00
07/09/2023 14:00	7.1	63	13	9.4	0.00
07/09/2023 14:10	6.3	48	13	8.4	0.00
07/09/2023 14:20	7.0	54	13	9.5	0.00
07/09/2023 14:30	6.0	46	16	8.3	0.00
07/09/2023 14:40	5.3	39	16	7.7	0.00
07/09/2023 14:50	5.6	38	16	8.0	0.00
07/09/2023 15:00	5.9	40	12	8.6	0.00
07/09/2023 15:10	5.9	46	15	7.9	0.00
07/09/2023 15:20	6.0	49	14	9.1	0.00
07/09/2023 15:30	5.1	46	17	7.3	0.00
07/09/2023 15:40	4.7	39	16	6.9	0.00
07/09/2023 15:50	4.5	35	22	7.6	0.00
07/09/2023 16:00	3.7	24	22	5.9	0.00
07/09/2023 16:10	4.2	188	19	5.8	0.00
07/09/2023 16:20	3.8	9	18	6.0	0.00
07/09/2023 16:30	3.8	181	19	5.9	0.00
07/09/2023 16:40	4.4	349	19	6.4	0.00
07/09/2023 16:50	4.2	353	20	6.2	0.00
07/09/2023 17:00	4.2	353	18	6.7	0.00
07/09/2023 17:10	4.2	355	20	6.2	0.00
07/09/2023 17:20	4.0	181	19	7.0	0.00
07/09/2023 17:30	3.5	6	20	5.8	0.00
07/09/2023 17:40	3.5	7	18	5.2	0.00
07/09/2023 17:50	3.0	178	20	4.5	0.00
07/09/2023 18:00	3.2	6	19	5.0	0.00
07/09/2023 18:10	3.5	181	20	5.2	0.00
07/09/2023 18:20	3.4	3	19	4.6	0.00
07/09/2023 18:30	3.2	14	15	4.8	0.00
07/09/2023 18:40	3.1	8	21	4.8	0.00
07/09/2023 18:50	3.7	6	18	5.5	0.00
07/09/2023 19:00	3.4	14	19	5.0	0.00
07/09/2023 19:10	3.5	13	20	5.6	0.00
07/09/2023 19:20	3.4	12	17	5.2	0.00
07/09/2023 19:30	3.0	12	22	4.6	0.00
07/09/2023 19:40	2.5	17	25	4.2	0.00
07/09/2023 19:50	2.4	185	23	3.7	0.00
07/09/2023 20:00	2.9	18	17	4.5	0.00
07/09/2023 20:10	3.0	183	22	4.8	0.00
07/09/2023 20:20	3.1	17	20	4.9	0.00
07/09/2023 20:30	2.7	182	20	3.8	0.00
07/09/2023 20:40	3.0	334	21	4.6	0.00
07/09/2023 20:50	2.6	330	22	4.3	0.00
07/09/2023 21:00	2.4	322	22	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 21:10	2.2	325	19	3.6	0.00
07/09/2023 21:20	1.4	339	17	2.6	0.00
07/09/2023 21:30	1.6	331	16	3.1	0.00
07/09/2023 21:40	0.8	326	15	2.8	0.00
07/09/2023 21:50	1.5	306	16	3.7	0.00
07/09/2023 22:00	1.6	312	17	3.8	0.00
07/09/2023 22:10	1.3	315	15	3.2	0.00
07/09/2023 22:20	0.6	279	15	2.0	0.00
07/09/2023 22:30	0.2	267	11	0.8	0.00
07/09/2023 22:40	0.8	251	10	2.0	0.00
07/09/2023 22:50	0.1	252	6	0.5	0.00
07/09/2023 23:00	0.4	258	11	0.8	0.00
07/09/2023 23:10	0.3	245	11	0.6	0.00
07/09/2023 23:20	0.3	247	10	1.2	0.00
07/09/2023 23:30	0.1	165	3	0.4	0.00
07/09/2023 23:40	0.5	246	16	1.2	0.00
07/09/2023 23:50	0.6	252	10	1.3	0.00
08/09/2023 00:00	0.2	201	9	0.7	0.00
08/09/2023 00:10	0.6	289	25	1.7	0.00
08/09/2023 00:20	0.3	238	11	0.8	0.00
08/09/2023 00:30	0.6	238	11	1.3	0.00
08/09/2023 00:40	1.2	240	11	1.7	0.00
08/09/2023 00:50	1.1	244	11	1.6	0.00
08/09/2023 01:00	1.0	237	8	1.5	0.00
08/09/2023 01:10	0.6	224	28	1.0	0.00
08/09/2023 01:20	0.4	178	18	0.8	0.00
08/09/2023 01:30	0.8	241	18	1.5	0.00
08/09/2023 01:40	0.6	36	14	1.0	0.00
08/09/2023 01:50	0.5	28	14	1.1	0.00
08/09/2023 02:00	0.1	68	3	0.6	0.00
08/09/2023 02:10					0.00
08/09/2023 02:20	0.0	286	0	0.4	0.00
08/09/2023 02:30	0.9	61	10	1.3	0.00
08/09/2023 02:40	0.5	121	12	0.9	0.00
08/09/2023 02:50	1.0	121	10	1.9	0.00
08/09/2023 03:00	1.9	125	38	3.0	0.00
08/09/2023 03:10	0.9	132	49	1.6	0.00
08/09/2023 03:20	0.4	123	14	1.6	0.00
08/09/2023 03:30	0.6	209	43	1.7	0.00
08/09/2023 03:40	1.0	162	28	1.9	0.00
08/09/2023 03:50	2.5	130	15	3.5	0.00
08/09/2023 04:00	1.9	115	15	2.8	0.00
08/09/2023 04:10	2.0	110	10	2.7	0.00
08/09/2023 04:20	1.4	97	11	2.1	0.00
08/09/2023 04:30	1.0	102	18	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 04:40	0.9	103	14	1.4	0.00
08/09/2023 04:50	0.5	78	10	1.4	0.00
08/09/2023 05:00	0.8	38	6	1.2	0.00
08/09/2023 05:10	1.0	190	16	1.6	0.00
08/09/2023 05:20	1.1	27	8	1.3	0.00
08/09/2023 05:30	1.1	19	9	1.4	0.00
08/09/2023 05:40	1.0	175	20	1.9	0.00
08/09/2023 05:50	0.4	289	36	1.4	0.00
08/09/2023 06:00	0.3	294	10	0.9	0.00
08/09/2023 06:10	0.6	315	7	1.1	0.00
08/09/2023 06:20	0.8	183	22	1.2	0.00
08/09/2023 06:30	0.1	200	7	0.8	0.00
08/09/2023 06:40	0.5	37	26	1.1	0.00
08/09/2023 06:50	0.6	84	22	1.3	0.00
08/09/2023 07:00	0.5	102	10	1.1	0.00
08/09/2023 07:10	1.3	116	12	2.0	0.00
08/09/2023 07:20	2.2	92	12	3.2	0.00
08/09/2023 07:30	2.0	90	13	3.4	0.00
08/09/2023 07:40	2.5	89	11	3.3	0.00
08/09/2023 07:50	2.8	88	13	3.8	0.00
08/09/2023 08:00	3.2	86	11	4.5	0.00
08/09/2023 08:10	3.7	93	12	5.0	0.00
08/09/2023 08:20	4.7	81	11	6.6	0.00
08/09/2023 08:30	5.1	88	12	7.0	0.00
08/09/2023 08:40	5.0	91	13	7.0	0.00
08/09/2023 08:50	4.9	91	11	6.9	0.00
08/09/2023 09:00	5.4	97	13	7.0	0.00
08/09/2023 09:10	5.0	100	14	7.2	0.00
08/09/2023 09:20	5.1	101	14	6.8	0.00
08/09/2023 09:30	5.1	101	14	7.2	0.00
08/09/2023 09:40	5.3	94	15	8.2	0.00
08/09/2023 09:50	5.7	99	15	7.8	0.00
08/09/2023 10:00	5.7	94	11	7.8	0.00
08/09/2023 10:10	5.8	93	12	7.9	0.00
08/09/2023 10:20	5.9	83	11	8.8	0.00
08/09/2023 10:30	7.1	87	10	10.3	0.00
08/09/2023 10:40	6.5	85	14	8.7	0.00
08/09/2023 10:50	6.4	82	12	8.8	0.00
08/09/2023 11:00	6.3	86	12	8.6	0.00
08/09/2023 11:10	6.2	86	11	8.7	0.00
08/09/2023 11:20	5.9	82	13	8.2	0.00
08/09/2023 11:30	6.8	77	12	8.7	0.00
08/09/2023 11:40	7.4	77	10	9.1	0.00
08/09/2023 11:50	7.5	80	12	10.1	0.00
08/09/2023 12:00	7.4	80	11	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 12:10	7.2	88	12	9.5	0.00
08/09/2023 12:20	6.8	86	12	9.1	0.00
08/09/2023 12:30	6.3	79	11	8.2	0.00
08/09/2023 12:40	6.0	76	12	8.0	0.00
08/09/2023 12:50	6.5	71	16	9.1	0.00
08/09/2023 13:00	6.4	71	14	9.2	0.00
08/09/2023 13:10	6.1	74	14	8.7	0.00
08/09/2023 13:20	6.2	64	11	8.1	0.00
08/09/2023 13:30	5.7	60	16	7.5	0.00
08/09/2023 13:40	6.0	56	13	8.3	0.00
08/09/2023 13:50	5.9	57	16	8.8	0.00
08/09/2023 14:00	5.9	48	15	8.0	0.00
08/09/2023 14:10	6.2	57	14	8.6	0.00
08/09/2023 14:20	6.0	56	15	8.1	0.00
08/09/2023 14:30	5.5	62	15	7.8	0.00
08/09/2023 14:40	6.1	52	13	8.7	0.00
08/09/2023 14:50	6.3	59	13	8.3	0.00
08/09/2023 15:00	5.6	57	12	7.5	0.00
08/09/2023 15:10	5.7	56	11	7.5	0.00
08/09/2023 15:20	5.9	67	12	8.0	0.00
08/09/2023 15:30	5.0	66	12	6.9	0.00
08/09/2023 15:40	4.9	71	14	7.1	0.00
08/09/2023 15:50	4.1	61	16	6.0	0.00
08/09/2023 16:00	4.8	45	14	6.6	0.00
08/09/2023 16:10	4.3	48	13	6.4	0.00
08/09/2023 16:20	4.0	40	16	6.2	0.00
08/09/2023 16:30	4.4	40	15	6.2	0.00
08/09/2023 16:40	4.3	47	13	5.6	0.00
08/09/2023 16:50	3.6	19	21	5.3	0.00
08/09/2023 17:00	3.4	10	18	5.1	0.00
08/09/2023 17:10	3.1	357	24	4.6	0.00
08/09/2023 17:20	3.0	352	19	4.6	0.00
08/09/2023 17:30	2.6	180	22	3.8	0.00
08/09/2023 17:40	2.8	345	14	4.0	0.00
08/09/2023 17:50	2.9	348	17	3.9	0.00
08/09/2023 18:00	2.8	354	17	3.9	0.00
08/09/2023 18:10	2.5	10	18	3.7	0.00
08/09/2023 18:20	2.8	12	19	3.9	0.00
08/09/2023 18:30	2.5	9	13	3.8	0.00
08/09/2023 18:40	2.6	13	16	4.3	0.00
08/09/2023 18:50	2.1	15	17	3.3	0.00
08/09/2023 19:00	1.5	22	21	2.4	0.00
08/09/2023 19:10	2.2	25	14	2.9	0.00
08/09/2023 19:20	1.9	30	13	2.8	0.00
08/09/2023 19:30	2.3	23	11	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 19:40	2.3	16	16	3.3	0.00
08/09/2023 19:50	2.2	18	20	3.2	0.00
08/09/2023 20:00	1.7	181	36	2.8	0.00
08/09/2023 20:10	0.7	145	44	1.5	0.00
08/09/2023 20:20	2.0	266	24	3.5	0.00
08/09/2023 20:30	2.2	270	20	3.3	0.00
08/09/2023 20:40	2.1	268	27	3.8	0.00
08/09/2023 20:50	1.2	304	73	2.4	0.00
08/09/2023 21:00	1.4	262	22	2.2	0.00
08/09/2023 21:10	1.8	285	26	2.9	0.00
08/09/2023 21:20	1.8	301	21	2.8	0.00
08/09/2023 21:30	1.4	265	22	2.7	0.00
08/09/2023 21:40	0.6	247	49	1.5	0.00
08/09/2023 21:50	1.1	262	28	1.9	0.00
08/09/2023 22:00	2.2	251	10	3.2	0.00
08/09/2023 22:10	1.5	233	20	2.4	0.00
08/09/2023 22:20	1.8	245	14	2.3	0.00
08/09/2023 22:30	1.6	242	9	2.3	0.00
08/09/2023 22:40	0.8	220	17	1.3	0.00
08/09/2023 22:50	0.9	237	16	1.4	0.00
08/09/2023 23:00	0.0	192	1	0.6	0.00
08/09/2023 23:10	1.1	238	10	2.0	0.00
08/09/2023 23:20	2.0	245	7	2.3	0.00
08/09/2023 23:30	1.7	237	7	2.1	0.00
08/09/2023 23:40	1.5	250	9	1.9	0.00
08/09/2023 23:50	1.5	252	8	2.0	0.00
09/09/2023 00:00	1.2	248	11	1.6	0.00
09/09/2023 00:10	0.6	139	35	1.2	0.00
09/09/2023 00:20	0.1	94	14	0.9	0.00
09/09/2023 00:30					0.00
09/09/2023 00:40					0.00
09/09/2023 00:50	0.3	294	8	1.2	0.00
09/09/2023 01:00	0.7	256	9	1.2	0.00
09/09/2023 01:10	0.4	250	5	1.2	0.00
09/09/2023 01:20	0.8	235	15	1.4	0.00
09/09/2023 01:30	0.9	247	8	2.0	0.00
09/09/2023 01:40	1.1	229	13	1.9	0.00
09/09/2023 01:50	1.5	250	9	2.4	0.00
09/09/2023 02:00	1.7	245	11	2.3	0.00
09/09/2023 02:10	2.1	243	12	2.7	0.00
09/09/2023 02:20	2.2	245	10	2.8	0.00
09/09/2023 02:30	2.1	244	11	2.7	0.00
09/09/2023 02:40	1.4	235	14	2.0	0.00
09/09/2023 02:50	1.6	244	13	2.4	0.00
09/09/2023 03:00	0.6	222	13	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 03:10	1.7	236	12	2.4	0.00
09/09/2023 03:20	1.8	239	15	2.4	0.00
09/09/2023 03:30	2.3	245	11	3.2	0.00
09/09/2023 03:40	2.3	240	11	3.2	0.00
09/09/2023 03:50	2.5	239	12	3.6	0.00
09/09/2023 04:00	2.3	245	10	3.0	0.00
09/09/2023 04:10	2.0	243	11	2.9	0.00
09/09/2023 04:20	2.6	246	10	3.6	0.00
09/09/2023 04:30	2.3	244	10	2.8	0.00
09/09/2023 04:40	1.7	241	11	2.3	0.00
09/09/2023 04:50	1.9	242	10	2.5	0.00
09/09/2023 05:00	1.1	221	17	2.0	0.00
09/09/2023 05:10	0.7	241	14	1.2	0.00
09/09/2023 05:20					0.00
09/09/2023 05:30	0.4	228	16	1.2	0.00
09/09/2023 05:40					0.00
09/09/2023 05:50					0.00
09/09/2023 06:00					0.00
09/09/2023 06:10	0.4	79	7	1.0	0.00
09/09/2023 06:20	0.2	150	6	0.8	0.00
09/09/2023 06:30	0.3	121	7	1.2	0.00
09/09/2023 06:40					0.00
09/09/2023 06:50					0.00
09/09/2023 07:00					0.00
09/09/2023 07:10					0.00
09/09/2023 07:20	0.0	180	9	0.4	0.00
09/09/2023 07:30	0.6	154	44	1.2	0.00
09/09/2023 07:40	0.8	198	28	1.6	0.00
09/09/2023 07:50	0.9	150	33	1.5	0.00
09/09/2023 08:00	0.3	222	37	1.0	0.00
09/09/2023 08:10	1.3	210	40	2.0	0.00
09/09/2023 08:20	1.7	229	19	2.4	0.00
09/09/2023 08:30	1.8	226	21	2.6	0.00
09/09/2023 08:40	1.6	217	30	2.7	0.00
09/09/2023 08:50	1.7	225	15	2.4	0.00
09/09/2023 09:00	1.5	222	24	2.8	0.00
09/09/2023 09:10	1.3	193	54	2.5	0.00
09/09/2023 09:20	1.1	174	32	2.3	0.00
09/09/2023 09:30	1.4	118	52	2.7	0.00
09/09/2023 09:40	1.8	114	20	2.7	0.00
09/09/2023 09:50	2.4	87	23	3.7	0.00
09/09/2023 10:00	2.4	103	21	3.3	0.00
09/09/2023 10:10	2.6	94	18	4.0	0.00
09/09/2023 10:20	3.4	94	16	4.6	0.00
09/09/2023 10:30	3.4	105	21	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 10:40	3.2	112	14	4.7	0.00
09/09/2023 10:50	3.2	105	14	4.6	0.00
09/09/2023 11:00	4.0	108	13	5.5	0.00
09/09/2023 11:10	3.9	100	13	5.7	0.00
09/09/2023 11:20	4.5	94	14	6.7	0.00
09/09/2023 11:30	4.4	91	14	6.4	0.00
09/09/2023 11:40	4.3	81	14	6.4	0.00
09/09/2023 11:50	4.3	64	13	6.4	0.00
09/09/2023 12:00	4.0	75	17	5.6	0.00
09/09/2023 12:10	5.0	78	16	6.9	0.00
09/09/2023 12:20	4.6	59	14	6.6	0.00
09/09/2023 12:30	4.6	69	15	6.4	0.00
09/09/2023 12:40	4.9	68	14	6.8	0.00
09/09/2023 12:50	4.9	61	12	6.8	0.00
09/09/2023 13:00	4.4	60	17	6.3	0.00
09/09/2023 13:10	4.7	57	14	6.8	0.00
09/09/2023 13:20	4.8	58	13	6.5	0.00
09/09/2023 13:30	4.4	67	17	6.3	0.00
09/09/2023 13:40	4.5	62	16	6.3	0.00
09/09/2023 13:50	4.8	55	18	6.8	0.00
09/09/2023 14:00	4.7	54	17	6.7	0.00
09/09/2023 14:10	4.3	46	20	6.6	0.00
09/09/2023 14:20	4.8	48	15	6.8	0.00
09/09/2023 14:30	4.4	18	25	6.7	0.00
09/09/2023 14:40	3.7	346	23	6.2	0.00
09/09/2023 14:50	3.8	349	24	6.0	0.00
09/09/2023 15:00	3.1	342	26	5.2	0.00
09/09/2023 15:10	3.5	339	32	5.4	0.00
09/09/2023 15:20	3.1	329	23	4.6	0.00
09/09/2023 15:30	3.0	351	27	4.9	0.00
09/09/2023 15:40	2.9	347	29	4.4	0.00
09/09/2023 15:50	2.8	350	29	4.5	0.00
09/09/2023 16:00	3.1	7	27	5.3	0.00
09/09/2023 16:10	2.2	350	29	4.0	0.00
09/09/2023 16:20	3.1	180	21	4.9	0.00
09/09/2023 16:30	2.6	351	30	4.0	0.00
09/09/2023 16:40	3.0	348	22	4.9	0.00
09/09/2023 16:50	2.6	345	24	4.0	0.00
09/09/2023 17:00	2.7	353	19	4.3	0.00
09/09/2023 17:10	2.8	184	22	4.4	0.00
09/09/2023 17:20	2.2	341	27	3.8	0.00
09/09/2023 17:30	2.1	316	25	3.3	0.00
09/09/2023 17:40	1.6	276	29	2.8	0.00
09/09/2023 17:50	1.7	278	16	2.6	0.00
09/09/2023 18:00	1.5	308	33	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 18:10	1.1	230	50	2.3	0.00
09/09/2023 18:20	1.5	280	17	2.1	0.00
09/09/2023 18:30	1.5	271	18	2.3	0.00
09/09/2023 18:40	1.2	255	17	2.1	0.00
09/09/2023 18:50	1.6	253	16	2.4	0.00
09/09/2023 19:00	1.6	256	19	2.3	0.00
09/09/2023 19:10	2.0	250	15	3.0	0.00
09/09/2023 19:20	2.7	244	11	3.7	0.00
09/09/2023 19:30	2.8	244	9	3.5	0.00
09/09/2023 19:40	3.1	244	9	4.0	0.00
09/09/2023 19:50	2.8	241	9	3.5	0.00
09/09/2023 20:00	2.8	244	10	3.3	0.00
09/09/2023 20:10	2.6	249	12	3.5	0.00
09/09/2023 20:20	2.2	242	12	2.9	0.00
09/09/2023 20:30	2.3	250	10	2.9	0.00
09/09/2023 20:40	2.6	254	10	3.3	0.00
09/09/2023 20:50	2.4	250	11	3.0	0.00
09/09/2023 21:00	2.2	248	10	2.9	0.00
09/09/2023 21:10	2.3	248	10	2.9	0.00
09/09/2023 21:20	2.4	245	10	3.1	0.00
09/09/2023 21:30	2.0	257	10	2.6	0.00
09/09/2023 21:40	1.8	243	9	2.4	0.00
09/09/2023 21:50	1.6	244	10	2.1	0.00
09/09/2023 22:00	1.3	240	8	1.6	0.00
09/09/2023 22:10	1.3	243	9	1.8	0.00
09/09/2023 22:20	1.8	250	8	2.3	0.00
09/09/2023 22:30	2.0	258	10	2.7	0.00
09/09/2023 22:40	2.2	256	11	2.9	0.00
09/09/2023 22:50	2.8	255	9	3.6	0.00
09/09/2023 23:00	2.4	255	10	3.1	0.00
09/09/2023 23:10	2.1	249	9	2.7	0.00
09/09/2023 23:20	1.8	242	15	2.8	0.00
09/09/2023 23:30	1.0	235	24	1.7	0.00
09/09/2023 23:40	0.7	237	23	1.1	0.00
09/09/2023 23:50	1.1	259	11	1.2	0.00
10/09/2023 00:00	1.4	250	8	1.8	0.00
10/09/2023 00:10	0.6	215	23	1.0	0.00
10/09/2023 00:20	0.0	170	0	0.4	0.00
10/09/2023 00:30	0.5	235	23	0.9	0.00
10/09/2023 00:40	0.9	206	25	1.6	0.00
10/09/2023 00:50	0.9	248	12	1.5	0.00
10/09/2023 01:00	1.3	249	8	1.6	0.00
10/09/2023 01:10	1.3	268	7	1.7	0.00
10/09/2023 01:20	0.6	265	9	0.8	0.00
10/09/2023 01:30	0.8	171	21	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 01:40	0.8	333	21	1.1	0.00
10/09/2023 01:50	0.8	179	24	1.1	0.00
10/09/2023 02:00	1.6	31	13	2.1	0.00
10/09/2023 02:10	1.4	153	16	2.0	0.00
10/09/2023 02:20	1.4	288	7	1.6	0.00
10/09/2023 02:30	1.0	21	27	1.3	0.00
10/09/2023 02:40	0.8	145	28	1.2	0.00
10/09/2023 02:50	0.1	236	8	0.8	0.00
10/09/2023 03:00					0.00
10/09/2023 03:10	0.3	196	17	1.0	0.00
10/09/2023 03:20	1.2	265	9	1.5	0.00
10/09/2023 03:30	0.7	140	23	1.2	0.00
10/09/2023 03:40	0.7	32	6	0.8	0.00
10/09/2023 03:50	0.3	26	10	0.8	0.00
10/09/2023 04:00	0.8	247	15	1.2	0.00
10/09/2023 04:10	1.1	231	16	1.6	0.00
10/09/2023 04:20	1.5	250	22	2.8	0.00
10/09/2023 04:30					0.00
10/09/2023 04:40	1.5	252	15	2.7	0.00
10/09/2023 04:50	1.9	253	11	2.9	0.00
10/09/2023 05:00	1.4	248	12	2.4	0.00
10/09/2023 05:10	0.2	222	6	0.6	0.00
10/09/2023 05:20	0.0	225	2	0.4	0.00
10/09/2023 05:30	0.3	245	6	1.2	0.00
10/09/2023 05:40	1.5	246	9	2.4	0.00
10/09/2023 05:50	1.2	235	10	2.2	0.00
10/09/2023 06:00	1.0	239	8	1.4	0.00
10/09/2023 06:10	0.6	227	13	1.1	0.00
10/09/2023 06:20	0.5	236	11	1.3	0.00
10/09/2023 06:30	1.2	248	12	1.9	0.00
10/09/2023 06:40	1.5	249	11	2.4	0.00
10/09/2023 06:50	1.4	247	11	2.7	0.00
10/09/2023 07:00	2.1	249	10	3.2	0.00
10/09/2023 07:10	2.9	246	12	3.7	0.00
10/09/2023 07:20	1.7	221	26	2.8	0.00
10/09/2023 07:30	1.5	250	17	2.5	0.00
10/09/2023 07:40	3.0	249	10	3.8	0.00
10/09/2023 07:50	2.4	244	13	3.2	0.00
10/09/2023 08:00	1.9	242	15	2.7	0.00
10/09/2023 08:10	2.0	251	15	2.8	0.00
10/09/2023 08:20	2.1	239	16	3.0	0.00
10/09/2023 08:30	1.5	229	22	2.3	0.00
10/09/2023 08:40	1.6	244	14	2.3	0.00
10/09/2023 08:50	1.9	236	18	2.5	0.00
10/09/2023 09:00	2.3	240	16	3.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 09:10	2.7	249	13	3.5	0.00
10/09/2023 09:20	2.3	244	15	3.2	0.00
10/09/2023 09:30	2.4	241	15	3.3	0.00
10/09/2023 09:40	3.2	252	13	4.3	0.00
10/09/2023 09:50	3.5	252	15	4.4	0.00
10/09/2023 10:00	3.3	244	13	4.2	0.00
10/09/2023 10:10	3.1	255	14	4.4	0.00
10/09/2023 10:20	2.8	243	16	3.9	0.00
10/09/2023 10:30	2.9	245	14	3.9	0.00
10/09/2023 10:40	3.2	256	16	4.1	0.00
10/09/2023 10:50	2.9	241	17	4.0	0.00
10/09/2023 11:00	3.6	247	15	5.1	0.00
10/09/2023 11:10	4.1	250	13	5.3	0.00
10/09/2023 11:20	4.2	253	10	5.8	0.00
10/09/2023 11:30	4.9	255	11	6.1	0.00
10/09/2023 11:40	4.3	250	16	5.9	0.00
10/09/2023 11:50	4.3	253	12	5.3	0.00
10/09/2023 12:00	4.3	255	14	5.5	0.00
10/09/2023 12:10	4.3	249	14	5.5	0.00
10/09/2023 12:20	4.1	255	12	5.5	0.00
10/09/2023 12:30	3.9	260	14	5.1	0.00
10/09/2023 12:40	3.8	255	13	5.0	0.00
10/09/2023 12:50	3.5	250	19	4.5	0.00
10/09/2023 13:00	3.1	252	17	4.0	0.00
10/09/2023 13:10	2.3	250	22	3.3	0.00
10/09/2023 13:20	2.9	260	18	4.4	0.00
10/09/2023 13:30	1.8	273	36	2.7	0.00
10/09/2023 13:40	2.1	320	38	4.0	0.00
10/09/2023 13:50	2.8	298	23	4.3	0.00
10/09/2023 14:00	3.7	296	16	5.1	0.00
10/09/2023 14:10	3.7	298	18	5.3	0.00
10/09/2023 14:20	3.5	309	15	4.7	0.00
10/09/2023 14:30	3.3	168	29	5.6	0.00
10/09/2023 14:40	3.9	180	21	5.6	0.00
10/09/2023 14:50	4.2	349	23	6.4	0.00
10/09/2023 15:00	4.3	181	16	5.9	0.00
10/09/2023 15:10	4.1	4	22	6.7	0.00
10/09/2023 15:20	4.1	5	18	6.1	0.00
10/09/2023 15:30	4.4	180	17	6.6	0.00
10/09/2023 15:40	4.3	7	17	5.9	0.00
10/09/2023 15:50	4.5	182	15	6.4	0.00
10/09/2023 16:00	4.2	5	16	5.9	0.00
10/09/2023 16:10	3.6	183	20	6.3	0.00
10/09/2023 16:20	3.4	187	21	5.2	0.00
10/09/2023 16:30	3.3	16	19	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 16:40	2.7	7	20	4.0	0.00
10/09/2023 16:50	2.6	340	28	3.6	0.00
10/09/2023 17:00	2.8	336	20	4.2	0.00
10/09/2023 17:10	2.3	176	34	3.9	0.00
10/09/2023 17:20	2.1	173	24	3.6	0.00
10/09/2023 17:30	2.4	3	20	3.7	0.00
10/09/2023 17:40	1.7	169	22	3.2	0.00
10/09/2023 17:50	1.7	336	28	3.2	0.00
10/09/2023 18:00	1.9	332	29	3.2	0.00
10/09/2023 18:10	1.6	326	28	2.8	0.00
10/09/2023 18:20	1.5	305	18	2.7	0.00
10/09/2023 18:30	2.6	298	13	3.7	0.00
10/09/2023 18:40	2.2	298	16	3.6	0.00
10/09/2023 18:50	2.4	297	18	3.7	0.00
10/09/2023 19:00	1.5	282	25	2.7	0.00
10/09/2023 19:10	1.9	279	17	2.8	0.00
10/09/2023 19:20	1.8	320	19	2.4	0.00
10/09/2023 19:30	1.5	300	19	2.3	0.00
10/09/2023 19:40	2.0	292	13	2.8	0.00
10/09/2023 19:50	1.6	301	11	2.3	0.00
10/09/2023 20:00	2.2	286	13	3.0	0.00
10/09/2023 20:10	2.0	286	11	2.7	0.00
10/09/2023 20:20	2.5	267	11	3.4	0.00
10/09/2023 20:30	2.1	265	11	3.3	0.00
10/09/2023 20:40	1.8	247	14	2.5	0.00
10/09/2023 20:50	1.8	249	12	2.3	0.00
10/09/2023 21:00	2.0	243	12	2.7	0.00
10/09/2023 21:10	2.2	251	10	3.1	0.00
10/09/2023 21:20	2.1	250	13	3.0	0.00
10/09/2023 21:30	2.4	246	12	3.4	0.00
10/09/2023 21:40	2.0	237	15	3.0	0.00
10/09/2023 21:50	1.2	235	15	1.6	0.00
10/09/2023 22:00	1.1	236	27	1.6	0.00
10/09/2023 22:10	1.4	244	26	2.4	0.00
10/09/2023 22:20	0.5	228	9	1.2	0.00
10/09/2023 22:30	1.4	241	12	2.0	0.00
10/09/2023 22:40	2.0	242	11	2.6	0.00
10/09/2023 22:50	2.2	243	9	3.1	0.00
10/09/2023 23:00	2.6	242	11	3.3	0.00
10/09/2023 23:10	2.6	244	9	3.4	0.00
10/09/2023 23:20	2.4	242	11	3.1	0.00
10/09/2023 23:30	2.0	245	10	2.9	0.00
10/09/2023 23:40	2.2	241	12	3.3	0.00
10/09/2023 23:50	1.8	240	12	3.0	0.00
11/09/2023 00:00	1.8	245	10	2.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 00:10	1.3	244	11	2.5	0.00
11/09/2023 00:20	1.5	245	11	2.8	0.00
11/09/2023 00:30	1.1	242	13	2.5	0.00
11/09/2023 00:40	1.2	245	12	2.1	0.00
11/09/2023 00:50	1.3	243	14	2.1	0.00
11/09/2023 01:00	1.2	243	12	2.0	0.00
11/09/2023 01:10	1.3	243	9	2.0	0.00
11/09/2023 01:20	1.5	237	12	2.4	0.00
11/09/2023 01:30	1.1	241	12	1.9	0.00
11/09/2023 01:40	1.0	242	12	1.7	0.00
11/09/2023 01:50	0.6	238	11	1.3	0.00
11/09/2023 02:00	0.3	224	6	1.2	0.00
11/09/2023 02:10	0.1	221	4	0.9	0.00
11/09/2023 02:20	0.0	215	0	0.4	0.00
11/09/2023 02:30	0.0	235	0	0.4	0.00
11/09/2023 02:40	0.0	231	0	0.4	0.00
11/09/2023 02:50	0.1	217	5	0.9	0.00
11/09/2023 03:00					0.00
11/09/2023 03:10	0.6	243	6	2.2	0.00
11/09/2023 03:20	0.3	229	6	1.4	0.00
11/09/2023 03:30	0.0	230	0	0.4	0.00
11/09/2023 03:40					0.00
11/09/2023 03:50					0.00
11/09/2023 04:00					0.00
11/09/2023 04:10	0.7	256	5	1.4	0.00
11/09/2023 04:20	0.3	229	8	1.9	0.00
11/09/2023 04:30	0.0	261	0	0.4	0.00
11/09/2023 04:40	0.0	289	0	0.4	0.00
11/09/2023 04:50					0.00
11/09/2023 05:00	0.0	303	0	0.4	0.00
11/09/2023 05:10	0.0	283	1	0.4	0.00
11/09/2023 05:20					0.00
11/09/2023 05:30					0.00
11/09/2023 05:40					0.00
11/09/2023 05:50					0.00
11/09/2023 06:00	0.0	28	0	0.4	0.00
11/09/2023 06:10	0.0	33	0	0.4	0.00
11/09/2023 06:20	0.0	298	1	0.4	0.00
11/09/2023 06:30					0.00
11/09/2023 06:40	0.0	324	0	0.4	0.00
11/09/2023 06:50					0.00
11/09/2023 07:00					0.00
11/09/2023 07:10					0.00
11/09/2023 07:20					0.00
11/09/2023 07:30					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 07:40					0.00
11/09/2023 07:50					0.00
11/09/2023 08:00	1.4	111	21	2.4	0.00
11/09/2023 08:10	2.8	108	12	3.7	0.00
11/09/2023 08:20	2.7	105	17	3.9	0.00
11/09/2023 08:30	2.5	118	14	3.4	0.00
11/09/2023 08:40	2.4	115	14	3.6	0.00
11/09/2023 08:50	2.1	120	20	3.5	0.00
11/09/2023 09:00	2.2	117	17	3.5	0.00
11/09/2023 09:10	2.9	119	15	4.0	0.00
11/09/2023 09:20	3.5	108	13	5.0	0.00
11/09/2023 09:30	3.0	91	14	4.0	0.00
11/09/2023 09:40	3.8	91	12	5.2	0.00
11/09/2023 09:50	3.5	101	15	5.0	0.00
11/09/2023 10:00	3.8	91	13	5.2	0.00
11/09/2023 10:10	4.2	104	13	5.9	0.00
11/09/2023 10:20	3.5	90	15	4.4	0.00
11/09/2023 10:30	3.4	91	15	4.8	0.00
11/09/2023 10:40	3.7	86	15	5.2	0.00
11/09/2023 10:50	2.9	97	13	4.0	0.00
11/09/2023 11:00	2.8	95	17	4.1	0.00
11/09/2023 11:10	3.1	100	16	4.8	0.00
11/09/2023 11:20	3.9	95	13	5.4	0.00
11/09/2023 11:30	3.6	100	15	5.1	0.00
11/09/2023 11:40	2.7	110	17	4.1	0.00
11/09/2023 11:50	2.6	96	25	4.2	0.00
11/09/2023 12:00	3.3	95	15	4.6	0.00
11/09/2023 12:10	2.9	117	23	4.4	0.00
11/09/2023 12:20	2.7	102	19	4.5	0.00
11/09/2023 12:30	1.8	222	57	3.3	0.00
11/09/2023 12:40	2.4	287	21	3.9	0.00
11/09/2023 12:50	3.4	295	15	5.1	0.00
11/09/2023 13:00	3.6	301	13	4.7	0.00
11/09/2023 13:10	3.3	315	17	4.4	0.00
11/09/2023 13:20	3.4	310	13	4.4	0.00
11/09/2023 13:30	3.3	322	17	4.5	0.00
11/09/2023 13:40	2.8	340	23	4.0	0.00
11/09/2023 13:50	2.6	336	26	4.0	0.00
11/09/2023 14:00	3.4	302	21	4.7	0.00
11/09/2023 14:10	4.0	295	13	6.0	0.00
11/09/2023 14:20	4.0	305	14	5.7	0.00
11/09/2023 14:30	4.3	308	13	5.9	0.00
11/09/2023 14:40	3.8	313	17	5.6	0.00
11/09/2023 14:50	3.6	312	18	5.6	0.00
11/09/2023 15:00	3.9	180	23	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 15:10	3.4	328	23	4.7	0.00
11/09/2023 15:20	3.7	305	14	5.3	0.00
11/09/2023 15:30	3.8	298	12	4.9	0.00
11/09/2023 15:40	4.3	299	11	5.6	0.00
11/09/2023 15:50	3.7	303	13	4.8	0.00
11/09/2023 16:00	3.7	302	11	4.8	0.00
11/09/2023 16:10	3.3	306	13	4.7	0.00
11/09/2023 16:20	3.0	307	15	4.2	0.00
11/09/2023 16:30	3.4	296	14	4.5	0.00
11/09/2023 16:40	4.0	292	15	5.4	0.00
11/09/2023 16:50	3.1	297	14	4.5	0.00
11/09/2023 17:00	2.4	292	18	3.5	0.00
11/09/2023 17:10	2.7	284	17	3.8	0.00
11/09/2023 17:20	2.7	286	16	3.8	0.00
11/09/2023 17:30	2.9	283	14	4.0	0.00
11/09/2023 17:40	2.2	270	16	3.5	0.00
11/09/2023 17:50	2.0	266	18	2.8	0.00
11/09/2023 18:00	2.4	257	13	3.6	0.00
11/09/2023 18:10	2.6	262	12	3.2	0.00
11/09/2023 18:20	2.7	251	15	3.7	0.00
11/09/2023 18:30	3.2	252	12	4.1	0.00
11/09/2023 18:40	3.1	252	9	4.1	0.00
11/09/2023 18:50	3.1	243	12	4.2	0.00
11/09/2023 19:00	3.0	241	12	4.0	0.00
11/09/2023 19:10	2.9	248	12	4.1	0.00
11/09/2023 19:20	3.3	254	11	4.4	0.00
11/09/2023 19:30	3.2	257	13	4.4	0.00
11/09/2023 19:40	3.7	264	9	4.6	0.00
11/09/2023 19:50	3.6	261	8	4.4	0.00
11/09/2023 20:00	2.9	251	11	3.8	0.00
11/09/2023 20:10	3.1	255	10	4.2	0.00
11/09/2023 20:20	2.4	261	12	3.4	0.00
11/09/2023 20:30	2.2	244	12	3.0	0.00
11/09/2023 20:40	1.3	242	12	1.7	0.00
11/09/2023 20:50	1.1	236	13	1.3	0.00
11/09/2023 21:00	1.0	247	12	1.4	0.00
11/09/2023 21:10	0.8	230	17	1.4	0.00
11/09/2023 21:20	1.2	244	17	1.6	0.00
11/09/2023 21:30	1.7	242	11	2.3	0.00
11/09/2023 21:40	1.3	251	10	1.9	0.00
11/09/2023 21:50	2.2	256	8	2.8	0.00
11/09/2023 22:00	2.3	258	10	3.0	0.00
11/09/2023 22:10	2.6	261	9	3.6	0.00
11/09/2023 22:20	3.0	257	10	3.7	0.00
11/09/2023 22:30	3.0	256	12	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 22:40	2.8	253	10	3.6	0.00
11/09/2023 22:50	2.7	259	10	3.3	0.00
11/09/2023 23:00	2.6	258	10	3.3	0.00
11/09/2023 23:10	3.1	255	11	4.1	0.00
11/09/2023 23:20	3.4	257	10	4.4	0.00
11/09/2023 23:30	2.3	250	11	3.3	0.00
11/09/2023 23:40	2.8	253	11	3.5	0.00
11/09/2023 23:50	3.1	258	9	4.0	0.00
12/09/2023 00:00	2.2	251	12	3.3	0.00
12/09/2023 00:10	3.1	252	9	4.0	0.00
12/09/2023 00:20	3.1	254	10	4.0	0.00
12/09/2023 00:30	3.5	251	9	4.7	0.00
12/09/2023 00:40	3.3	254	10	4.4	0.00
12/09/2023 00:50	2.9	250	11	4.0	0.00
12/09/2023 01:00	3.7	256	9	4.7	0.00
12/09/2023 01:10	2.2	241	12	3.4	0.00
12/09/2023 01:20	2.6	250	11	3.6	0.00
12/09/2023 01:30	2.3	247	14	3.2	0.00
12/09/2023 01:40	2.1	245	16	3.0	0.00
12/09/2023 01:50	3.1	258	9	4.0	0.00
12/09/2023 02:00	2.4	251	12	3.4	0.00
12/09/2023 02:10	1.8	225	17	2.7	0.00
12/09/2023 02:20	2.1	238	13	2.9	0.00
12/09/2023 02:30	2.3	233	15	3.6	0.00
12/09/2023 02:40	2.6	229	17	3.8	0.00
12/09/2023 02:50	2.9	234	13	3.9	0.00
12/09/2023 03:00	2.1	250	14	2.8	0.00
12/09/2023 03:10	2.2	247	14	3.0	0.00
12/09/2023 03:20	2.4	246	14	3.4	0.00
12/09/2023 03:30	1.9	231	15	2.8	0.00
12/09/2023 03:40	2.0	241	16	2.7	0.00
12/09/2023 03:50	2.0	232	16	3.2	0.00
12/09/2023 04:00	1.9	236	18	2.7	0.00
12/09/2023 04:10	2.6	245	13	3.7	0.00
12/09/2023 04:20	2.1	238	15	3.0	0.00
12/09/2023 04:30	2.3	234	16	3.2	0.00
12/09/2023 04:40	2.5	232	15	3.4	0.00
12/09/2023 04:50	2.1	227	16	3.2	0.00
12/09/2023 05:00	1.4	236	24	2.0	0.00
12/09/2023 05:10	1.8	263	21	2.8	0.00
12/09/2023 05:20	1.7	251	15	2.4	0.00
12/09/2023 05:30	1.0	269	22	1.6	0.00
12/09/2023 05:40	0.9	243	21	1.6	0.00
12/09/2023 05:50	0.7	292	52	1.4	0.00
12/09/2023 06:00	0.8	274	79	2.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 06:10	1.0	227	59	1.7	0.00
12/09/2023 06:20	0.8	221	74	1.5	0.00
12/09/2023 06:30	1.0	190	66	2.4	0.00
12/09/2023 06:40	0.8	185	57	1.5	0.00
12/09/2023 06:50	1.3	134	26	2.3	0.00
12/09/2023 07:00	1.7	132	21	2.7	0.00
12/09/2023 07:10	1.5	139	19	2.4	0.00
12/09/2023 07:20	1.1	137	19	2.0	0.00
12/09/2023 07:30	1.8	144	19	2.9	0.00
12/09/2023 07:40	2.5	131	17	3.6	0.00
12/09/2023 07:50	2.7	129	14	4.0	0.00
12/09/2023 08:00	2.6	115	15	3.7	0.00
12/09/2023 08:10	2.4	135	20	3.1	0.00
12/09/2023 08:20	2.3	128	16	3.6	0.00
12/09/2023 08:30	3.0	128	17	4.3	0.00
12/09/2023 08:40	2.2	110	20	3.4	0.00
12/09/2023 08:50	2.5	127	18	3.6	0.00
12/09/2023 09:00	3.1	126	16	4.7	0.00
12/09/2023 09:10	3.1	108	16	4.4	0.00
12/09/2023 09:20	3.2	97	14	4.6	0.00
12/09/2023 09:30	3.2	104	13	4.2	0.00
12/09/2023 09:40	4.0	97	11	5.2	0.00
12/09/2023 09:50	3.6	104	12	4.9	0.00
12/09/2023 10:00	3.4	100	14	4.5	0.00
12/09/2023 10:10	3.8	99	12	5.6	0.00
12/09/2023 10:20	3.9	105	15	5.6	0.00
12/09/2023 10:30	4.2	91	15	6.0	0.00
12/09/2023 10:40	4.1	84	16	5.6	0.00
12/09/2023 10:50	4.6	80	14	6.9	0.00
12/09/2023 11:00	6.2	77	12	8.1	0.00
12/09/2023 11:10	6.1	81	12	8.3	0.00
12/09/2023 11:20	6.2	77	14	8.3	0.00
12/09/2023 11:30	6.2	83	13	9.1	0.00
12/09/2023 11:40	6.2	80	12	8.3	0.00
12/09/2023 11:50	6.4	86	12	8.3	0.00
12/09/2023 12:00	6.5	87	12	8.6	0.00
12/09/2023 12:10	6.2	86	11	8.5	0.00
12/09/2023 12:20	7.1	84	11	8.7	0.00
12/09/2023 12:30	6.5	82	11	8.7	0.00
12/09/2023 12:40	6.8	83	12	9.3	0.00
12/09/2023 12:50	6.3	85	11	9.2	0.00
12/09/2023 13:00	5.4	82	12	7.9	0.00
12/09/2023 13:10	5.9	79	11	8.5	0.00
12/09/2023 13:20	6.1	81	13	8.0	0.00
12/09/2023 13:30	5.2	71	15	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 13:40	5.6	62	12	7.5	0.00
12/09/2023 13:50	6.3	68	12	8.1	0.00
12/09/2023 14:00	4.9	72	14	6.9	0.00
12/09/2023 14:10	5.5	67	14	7.7	0.00
12/09/2023 14:20	5.3	69	15	6.9	0.00
12/09/2023 14:30	5.1	61	11	6.9	0.00
12/09/2023 14:40	5.7	71	14	7.6	0.00
12/09/2023 14:50	5.5	72	12	7.7	0.00
12/09/2023 15:00	4.6	71	13	6.6	0.00
12/09/2023 15:10	5.0	84	12	6.2	0.00
12/09/2023 15:20	4.2	80	10	5.7	0.00
12/09/2023 15:30	4.1	86	12	5.6	0.00
12/09/2023 15:40	4.1	89	11	5.5	0.00
12/09/2023 15:50	4.1	81	11	5.7	0.00
12/09/2023 16:00	3.8	78	11	5.1	0.00
12/09/2023 16:10	3.8	87	12	4.9	0.00
12/09/2023 16:20	3.3	74	14	4.8	0.00
12/09/2023 16:30	2.8	69	17	4.0	0.00
12/09/2023 16:40	2.3	55	17	3.4	0.00
12/09/2023 16:50	2.3	72	16	3.4	0.00
12/09/2023 17:00	2.9	88	15	4.0	0.00
12/09/2023 17:10	3.2	96	11	4.6	0.00
12/09/2023 17:20	2.1	67	14	3.2	0.00
12/09/2023 17:30	2.1	60	12	2.8	0.00
12/09/2023 17:40	1.9	67	15	2.7	0.00
12/09/2023 17:50	1.7	48	16	2.6	0.00
12/09/2023 18:00	1.7	135	30	2.7	0.00
12/09/2023 18:10	1.5	226	21	2.4	0.00
12/09/2023 18:20	2.0	280	33	4.8	0.00
12/09/2023 18:30	1.9	332	22	2.8	0.00
12/09/2023 18:40	2.9	286	14	4.5	0.00
12/09/2023 18:50	2.9	301	16	4.8	0.00
12/09/2023 19:00	3.4	314	16	5.0	0.00
12/09/2023 19:10	3.5	320	16	4.6	0.00
12/09/2023 19:20	4.2	300	16	6.0	0.00
12/09/2023 19:30	3.9	286	18	5.6	0.00
12/09/2023 19:40	4.2	265	12	5.6	0.00
12/09/2023 19:50	4.5	261	10	6.0	0.00
12/09/2023 20:00	4.1	260	10	5.0	0.00
12/09/2023 20:10	3.9	259	11	5.3	0.00
12/09/2023 20:20	3.6	255	10	5.0	0.00
12/09/2023 20:30	3.5	253	10	4.9	0.00
12/09/2023 20:40	2.8	246	11	3.8	0.00
12/09/2023 20:50	2.5	250	12	3.5	0.00
12/09/2023 21:00	3.1	254	10	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 21:10	3.4	251	11	4.3	0.00
12/09/2023 21:20	3.1	251	12	4.0	0.00
12/09/2023 21:30	3.4	253	11	4.7	0.00
12/09/2023 21:40	3.8	246	11	5.1	0.00
12/09/2023 21:50	3.6	248	10	4.6	0.00
12/09/2023 22:00	3.4	254	11	4.6	0.00
12/09/2023 22:10	3.2	249	11	4.2	0.00
12/09/2023 22:20	2.6	247	11	3.6	0.00
12/09/2023 22:30	2.5	245	11	3.5	0.00
12/09/2023 22:40	3.0	249	13	4.1	0.00
12/09/2023 22:50	3.3	245	12	4.6	0.00
12/09/2023 23:00	3.2	246	13	4.7	0.00
12/09/2023 23:10	3.5	246	10	4.5	0.00
12/09/2023 23:20	3.4	251	10	4.4	0.00
12/09/2023 23:30	4.0	260	10	5.2	0.00
12/09/2023 23:40	3.7	255	9	4.7	0.00
12/09/2023 23:50	4.0	255	9	5.1	0.00
13/09/2023 00:00	3.9	256	10	5.1	0.00
13/09/2023 00:10	3.6	253	10	4.8	0.00
13/09/2023 00:20	3.9	258	9	5.0	0.00
13/09/2023 00:30	3.5	258	9	4.6	0.00
13/09/2023 00:40	2.5	254	9	3.2	0.00
13/09/2023 00:50	3.6	261	10	4.7	0.00
13/09/2023 01:00	2.7	257	13	3.8	0.00
13/09/2023 01:10	2.6	249	12	3.4	0.00
13/09/2023 01:20	2.8	261	11	3.6	0.00
13/09/2023 01:30	2.8	248	11	3.8	0.00
13/09/2023 01:40	1.7	246	14	2.4	0.00
13/09/2023 01:50	1.0	249	21	1.9	0.00
13/09/2023 02:00	1.7	227	25	2.8	0.00
13/09/2023 02:10	1.3	252	29	2.4	0.00
13/09/2023 02:20	0.7	207	43	1.2	0.00
13/09/2023 02:30	0.8	149	37	1.2	0.00
13/09/2023 02:40	0.9	154	31	1.7	0.00
13/09/2023 02:50	1.2	151	32	1.7	0.00
13/09/2023 03:00	1.4	137	21	2.0	0.00
13/09/2023 03:10	2.2	270	8	2.8	0.00
13/09/2023 03:20	2.4	265	9	3.4	0.00
13/09/2023 03:30	1.4	232	16	2.0	0.00
13/09/2023 03:40	1.3	276	9	1.8	0.00
13/09/2023 03:50	1.5	155	20	2.2	0.00
13/09/2023 04:00	2.7	269	9	3.5	0.00
13/09/2023 04:10	1.2	212	32	1.9	0.00
13/09/2023 04:20	2.0	252	12	3.0	0.00
13/09/2023 04:30	0.8	238	54	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 04:40	2.1	270	8	2.8	0.00
13/09/2023 04:50	2.3	256	10	2.9	0.00
13/09/2023 05:00	0.8	114	61	1.4	0.00
13/09/2023 05:10	2.3	268	8	3.3	0.00
13/09/2023 05:20	1.9	184	52	2.6	0.00
13/09/2023 05:30	1.2	176	29	2.1	0.00
13/09/2023 05:40	2.4	259	7	3.1	0.00
13/09/2023 05:50	0.8	70	40	1.4	0.00
13/09/2023 06:00	2.2	260	7	3.2	0.00
13/09/2023 06:10	1.0	172	48	1.7	0.00
13/09/2023 06:20	1.0	274	20	1.8	0.00
13/09/2023 06:30	1.3	106	36	1.6	0.00
13/09/2023 06:40	1.5	153	31	2.3	0.00
13/09/2023 06:50	1.6	170	38	2.5	0.00
13/09/2023 07:00	1.3	163	12	2.2	0.00
13/09/2023 07:10	1.3	177	18	2.1	0.00
13/09/2023 07:20	0.6	52	24	1.5	0.00
13/09/2023 07:30	1.5	69	32	2.8	0.00
13/09/2023 07:40	2.1	109	22	3.5	0.00
13/09/2023 07:50	2.4	85	12	3.5	0.00
13/09/2023 08:00	4.2	87	10	6.1	0.00
13/09/2023 08:10	3.8	82	12	5.7	0.00
13/09/2023 08:20	3.1	95	14	4.6	0.00
13/09/2023 08:30	4.8	84	11	6.4	0.00
13/09/2023 08:40	3.2	92	12	4.4	0.00
13/09/2023 08:50	3.7	94	10	5.6	0.00
13/09/2023 09:00	1.2	79	49	2.0	0.00
13/09/2023 09:10	1.4	149	53	2.3	0.00
13/09/2023 09:20	2.2	274	34	3.6	0.00
13/09/2023 09:30	2.3	271	31	3.9	0.00
13/09/2023 09:40	2.4	290	20	3.5	0.00
13/09/2023 09:50	2.5	289	20	3.6	0.00
13/09/2023 10:00	2.6	269	19	3.8	0.00
13/09/2023 10:10	2.3	269	19	3.4	0.00
13/09/2023 10:20	4.1	262	15	5.5	0.00
13/09/2023 10:30	4.0	264	13	5.2	0.00
13/09/2023 10:40	4.1	265	14	5.2	0.00
13/09/2023 10:50	2.6	284	21	4.1	0.00
13/09/2023 11:00	1.6	190	39	2.8	0.00
13/09/2023 11:10	2.0	29	35	3.6	0.00
13/09/2023 11:20	2.8	59	51	5.4	0.00
13/09/2023 11:30	3.2	297	16	4.8	0.00
13/09/2023 11:40	2.8	304	27	4.2	0.00
13/09/2023 11:50	3.8	295	10	4.6	0.00
13/09/2023 12:00	3.8	295	11	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 12:10	3.8	294	15	5.7	0.00
13/09/2023 12:20	3.9	290	16	5.0	0.00
13/09/2023 12:30	3.7	291	17	5.5	0.00
13/09/2023 12:40	4.4	295	14	5.9	0.00
13/09/2023 12:50	4.2	286	14	5.3	0.00
13/09/2023 13:00	4.0	294	16	5.4	0.00
13/09/2023 13:10	4.3	296	10	5.6	0.00
13/09/2023 13:20	4.1	298	12	5.2	0.00
13/09/2023 13:30	4.5	281	17	6.4	0.00
13/09/2023 13:40	5.7	257	13	8.3	0.00
13/09/2023 13:50	6.0	260	10	7.9	0.00
13/09/2023 14:00	6.9	261	10	8.3	0.00
13/09/2023 14:10	6.7	258	12	8.7	0.00
13/09/2023 14:20	6.2	255	11	8.5	0.00
13/09/2023 14:30	6.5	263	12	8.5	0.00
13/09/2023 14:40	6.7	262	9	8.1	0.00
13/09/2023 14:50	7.0	261	12	9.1	0.00
13/09/2023 15:00	6.6	264	11	8.6	0.00
13/09/2023 15:10	6.3	266	11	8.7	0.00
13/09/2023 15:20	6.9	265	12	9.2	0.00
13/09/2023 15:30	6.2	268	14	8.3	0.00
13/09/2023 15:40	5.7	275	14	7.6	0.00
13/09/2023 15:50	5.6	268	13	7.3	0.00
13/09/2023 16:00	5.7	263	12	7.3	0.00
13/09/2023 16:10	5.2	267	13	7.1	0.00
13/09/2023 16:20	5.0	270	14	7.5	0.00
13/09/2023 16:30	5.0	265	13	7.1	0.00
13/09/2023 16:40	5.7	260	11	7.5	0.00
13/09/2023 16:50	5.9	259	11	7.6	0.00
13/09/2023 17:00	6.0	262	10	8.4	0.00
13/09/2023 17:10	5.4	263	10	7.8	0.00
13/09/2023 17:20	4.9	259	12	6.6	0.00
13/09/2023 17:30	5.5	260	11	7.4	0.00
13/09/2023 17:40	5.3	260	12	7.2	0.00
13/09/2023 17:50	6.0	258	11	7.9	0.00
13/09/2023 18:00	6.8	265	9	8.4	0.00
13/09/2023 18:10	6.4	263	10	8.4	0.00
13/09/2023 18:20	6.8	263	10	8.9	0.00
13/09/2023 18:30	6.4	263	11	8.4	0.00
13/09/2023 18:40	6.5	263	10	9.0	0.00
13/09/2023 18:50	6.2	259	11	8.5	0.00
13/09/2023 19:00	6.2	264	11	8.3	0.00
13/09/2023 19:10	5.8	260	11	8.1	0.00
13/09/2023 19:20	5.7	257	13	8.1	0.00
13/09/2023 19:30	6.1	255	11	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 19:40	5.4	257	12	7.1	0.00
13/09/2023 19:50	5.7	257	10	7.7	0.00
13/09/2023 20:00	5.7	258	11	8.5	0.00
13/09/2023 20:10	6.3	254	11	9.4	0.00
13/09/2023 20:20	6.7	253	11	8.5	0.00
13/09/2023 20:30	6.3	252	12	8.8	0.00
13/09/2023 20:40	5.5	254	13	8.3	0.00
13/09/2023 20:50	5.4	253	11	8.0	0.00
13/09/2023 21:00	5.1	254	11	7.4	0.00
13/09/2023 21:10	5.0	251	11	6.5	0.00
13/09/2023 21:20	5.4	257	11	7.4	0.00
13/09/2023 21:30	5.0	255	10	6.6	0.00
13/09/2023 21:40	4.6	255	11	6.2	0.00
13/09/2023 21:50	5.3	257	10	7.2	0.00
13/09/2023 22:00	5.1	252	13	6.6	0.00
13/09/2023 22:10	4.4	253	12	6.4	0.00
13/09/2023 22:20	3.8	248	15	5.6	0.00
13/09/2023 22:30	4.6	251	12	6.5	0.00
13/09/2023 22:40	4.5	256	12	5.8	0.00
13/09/2023 22:50	4.8	254	11	6.5	0.00
13/09/2023 23:00	4.3	253	11	5.9	0.00
13/09/2023 23:10	4.7	256	12	6.6	0.00
13/09/2023 23:20	4.0	247	12	5.5	0.00
13/09/2023 23:30	4.2	252	12	5.9	0.00
13/09/2023 23:40	3.7	254	13	6.0	0.00
13/09/2023 23:50	4.5	255	13	6.4	0.00
14/09/2023 00:00	4.7	257	12	6.6	0.00
14/09/2023 00:10	4.6	247	14	7.1	0.00
14/09/2023 00:20	5.6	252	13	7.2	0.00
14/09/2023 00:30	5.2	248	12	8.0	0.00
14/09/2023 00:40	5.5	247	12	7.4	0.00
14/09/2023 00:50	5.2	249	11	6.8	0.00
14/09/2023 01:00	5.5	249	12	7.5	0.00
14/09/2023 01:10	5.1	246	11	6.8	0.00
14/09/2023 01:20	4.6	237	12	6.7	0.00
14/09/2023 01:30	4.6	245	12	6.9	0.00
14/09/2023 01:40	4.6	245	12	6.4	0.00
14/09/2023 01:50	4.6	252	12	6.7	0.00
14/09/2023 02:00	5.1	251	11	6.6	0.00
14/09/2023 02:10	5.1	249	10	7.3	0.00
14/09/2023 02:20	4.8	247	13	6.6	0.00
14/09/2023 02:30	4.6	245	11	6.0	0.00
14/09/2023 02:40	4.4	244	11	6.0	0.00
14/09/2023 02:50	4.3	248	12	6.0	0.00
14/09/2023 03:00	5.2	254	11	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 03:10	5.4	256	12	7.3	0.00
14/09/2023 03:20	5.3	259	9	7.0	0.00
14/09/2023 03:30	4.3	250	12	6.5	0.00
14/09/2023 03:40	4.1	251	11	5.9	0.00
14/09/2023 03:50	4.2	246	12	5.3	0.00
14/09/2023 04:00	4.4	247	11	5.8	0.00
14/09/2023 04:10	4.5	244	12	6.6	0.00
14/09/2023 04:20	4.2	240	11	6.5	0.00
14/09/2023 04:30	3.7	241	13	5.1	0.00
14/09/2023 04:40	4.2	243	11	6.1	0.00
14/09/2023 04:50	3.6	239	14	5.6	0.00
14/09/2023 05:00	3.8	239	14	5.9	0.00
14/09/2023 05:10	3.8	238	13	5.4	0.00
14/09/2023 05:20	3.0	231	13	4.3	0.00
14/09/2023 05:30	2.9	236	15	4.4	0.00
14/09/2023 05:40	2.8	233	16	3.9	0.00
14/09/2023 05:50	2.5	233	15	4.4	0.00
14/09/2023 06:00	2.0	239	17	3.5	0.00
14/09/2023 06:10	1.1	216	25	2.0	0.00
14/09/2023 06:20	0.4	204	15	1.0	0.00
14/09/2023 06:30	1.4	261	13	2.0	0.00
14/09/2023 06:40	1.9	260	9	2.4	0.00
14/09/2023 06:50	2.1	246	9	2.9	0.00
14/09/2023 07:00	2.3	229	13	3.2	0.00
14/09/2023 07:10	1.7	222	15	2.8	0.00
14/09/2023 07:20	1.9	230	16	2.6	0.00
14/09/2023 07:30	2.5	231	16	3.3	0.00
14/09/2023 07:40	1.9	224	34	3.3	0.00
14/09/2023 07:50	2.4	224	17	3.4	0.00
14/09/2023 08:00	2.7	232	18	3.6	0.00
14/09/2023 08:10	2.1	230	22	3.2	0.00
14/09/2023 08:20	2.1	228	18	2.9	0.00
14/09/2023 08:30	2.3	221	21	2.9	0.00
14/09/2023 08:40	2.1	226	21	3.2	0.00
14/09/2023 08:50	2.3	225	18	3.3	0.00
14/09/2023 09:00	1.6	223	41	2.7	0.00
14/09/2023 09:10	2.2	222	27	3.6	0.00
14/09/2023 09:20	1.6	223	28	2.8	0.00
14/09/2023 09:30	1.5	241	40	2.9	0.00
14/09/2023 09:40	1.7	208	35	2.8	0.00
14/09/2023 09:50	1.5	189	50	2.4	0.00
14/09/2023 10:00	1.6	189	54	3.1	0.00
14/09/2023 10:10	1.4	204	60	2.7	0.00
14/09/2023 10:20	2.4	232	37	3.7	0.00
14/09/2023 10:30	2.6	237	17	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 10:40	2.8	280	21	4.0	0.00
14/09/2023 10:50	3.4	296	13	4.7	0.00
14/09/2023 11:00	3.5	298	10	4.7	0.00
14/09/2023 11:10	3.8	294	13	4.9	0.00
14/09/2023 11:20	3.6	296	16	4.8	0.00
14/09/2023 11:30	3.3	294	14	4.8	0.00
14/09/2023 11:40	3.3	299	15	4.8	0.00
14/09/2023 11:50	3.4	295	14	4.4	0.00
14/09/2023 12:00	3.4	302	14	4.8	0.00
14/09/2023 12:10	3.7	299	11	5.0	0.00
14/09/2023 12:20	4.2	298	11	5.1	0.00
14/09/2023 12:30	4.1	297	11	5.7	0.00
14/09/2023 12:40	4.3	297	10	5.5	0.00
14/09/2023 12:50	4.3	302	13	5.7	0.00
14/09/2023 13:00	5.1	300	8	6.1	0.00
14/09/2023 13:10	4.7	301	13	6.4	0.00
14/09/2023 13:20	5.1	300	9	6.3	0.00
14/09/2023 13:30	4.4	300	13	6.2	0.00
14/09/2023 13:40	5.0	295	12	6.7	0.00
14/09/2023 13:50	5.1	299	11	6.7	0.00
14/09/2023 14:00	5.0	298	13	7.1	0.00
14/09/2023 14:10	4.9	303	14	6.9	0.00
14/09/2023 14:20	5.5	296	12	7.2	0.00
14/09/2023 14:30	5.9	295	10	7.3	0.00
14/09/2023 14:40	5.4	295	11	7.0	0.00
14/09/2023 14:50	4.6	293	16	5.9	0.00
14/09/2023 15:00	4.7	291	13	6.7	0.00
14/09/2023 15:10	5.1	296	12	6.8	0.00
14/09/2023 15:20	4.5	292	18	6.4	0.00
14/09/2023 15:30	5.0	288	15	6.4	0.00
14/09/2023 15:40	5.1	292	14	6.4	0.00
14/09/2023 15:50	4.9	287	14	6.5	0.00
14/09/2023 16:00	4.8	291	15	6.5	0.00
14/09/2023 16:10	4.8	284	15	6.2	0.00
14/09/2023 16:20	4.7	290	15	6.2	0.00
14/09/2023 16:30	4.3	288	17	6.4	0.00
14/09/2023 16:40	4.3	282	16	5.4	0.00
14/09/2023 16:50	4.6	286	16	6.0	0.00
14/09/2023 17:00	4.1	290	16	5.6	0.00
14/09/2023 17:10	4.2	287	15	5.9	0.00
14/09/2023 17:20	4.2	292	13	5.6	0.00
14/09/2023 17:30	3.7	291	16	5.7	0.00
14/09/2023 17:40	3.9	287	14	5.4	0.00
14/09/2023 17:50	3.8	286	12	5.0	0.00
14/09/2023 18:00	3.6	291	13	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 18:10	3.4	298	13	4.4	0.00
14/09/2023 18:20	3.2	284	16	4.4	0.00
14/09/2023 18:30	3.4	286	16	4.8	0.00
14/09/2023 18:40	3.2	273	15	4.7	0.00
14/09/2023 18:50	3.8	265	12	5.2	0.00
14/09/2023 19:00	4.9	260	9	6.0	0.00
14/09/2023 19:10	5.0	262	9	6.2	0.00
14/09/2023 19:20	5.1	261	10	6.1	0.00
14/09/2023 19:30	4.7	261	11	6.1	0.00
14/09/2023 19:40	5.2	261	10	6.5	0.00
14/09/2023 19:50	5.3	263	8	6.6	0.00
14/09/2023 20:00	5.0	265	12	6.4	0.00
14/09/2023 20:10	4.9	263	10	6.9	0.00
14/09/2023 20:20	4.1	262	9	5.8	0.00
14/09/2023 20:30	4.4	262	11	6.3	0.00
14/09/2023 20:40	4.2	260	12	5.6	0.00
14/09/2023 20:50	4.5	259	10	5.8	0.00
14/09/2023 21:00	4.7	257	11	6.1	0.00
14/09/2023 21:10	4.6	258	10	6.1	0.00
14/09/2023 21:20	4.6	254	11	6.4	0.00
14/09/2023 21:30	4.6	253	13	6.3	0.00
14/09/2023 21:40	4.5	249	12	6.1	0.00
14/09/2023 21:50	4.6	254	11	6.8	0.00
14/09/2023 22:00	4.2	251	12	5.6	0.00
14/09/2023 22:10	4.6	251	12	6.1	0.00
14/09/2023 22:20	4.0	249	13	6.2	0.00
14/09/2023 22:30	4.2	249	12	5.6	0.00
14/09/2023 22:40	4.6	253	13	6.8	0.00
14/09/2023 22:50	4.4	258	10	6.1	0.00
14/09/2023 23:00	4.3	252	11	6.7	0.00
14/09/2023 23:10	3.8	253	11	5.6	0.00
14/09/2023 23:20	3.2	252	13	4.8	0.00
14/09/2023 23:30	3.1	248	13	4.8	0.00
14/09/2023 23:40	3.7	250	10	5.1	0.00
14/09/2023 23:50	3.8	249	11	5.2	0.00
15/09/2023 00:00	3.7	247	11	5.2	0.00
15/09/2023 00:10	3.6	246	12	4.8	0.00
15/09/2023 00:20	4.0	248	12	5.2	0.00
15/09/2023 00:30	3.8	244	11	5.6	0.00
15/09/2023 00:40	3.7	245	10	5.2	0.00
15/09/2023 00:50	3.2	241	13	4.8	0.00
15/09/2023 01:00	2.2	244	11	3.2	0.00
15/09/2023 01:10	2.5	245	12	4.4	0.00
15/09/2023 01:20	2.4	246	12	3.8	0.00
15/09/2023 01:30	3.3	250	11	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 01:40	3.3	249	12	4.8	0.00
15/09/2023 01:50	3.6	251	12	5.4	0.00
15/09/2023 02:00	3.3	252	13	4.6	0.00
15/09/2023 02:10	3.6	248	12	5.2	0.00
15/09/2023 02:20	3.9	250	12	5.4	0.00
15/09/2023 02:30	3.4	249	11	5.6	0.00
15/09/2023 02:40	3.5	248	11	5.3	0.00
15/09/2023 02:50	3.2	248	11	5.0	0.00
15/09/2023 03:00	3.7	251	10	5.6	0.00
15/09/2023 03:10	3.4	251	11	5.1	0.00
15/09/2023 03:20	3.4	252	12	4.9	0.00
15/09/2023 03:30	3.4	250	11	5.0	0.00
15/09/2023 03:40	2.8	248	11	4.3	0.00
15/09/2023 03:50	2.8	243	13	4.2	0.00
15/09/2023 04:00	2.6	241	11	3.8	0.00
15/09/2023 04:10	2.0	245	11	3.4	0.00
15/09/2023 04:20	1.9	247	11	3.1	0.00
15/09/2023 04:30	1.7	244	10	3.0	0.00
15/09/2023 04:40	1.4	243	13	2.5	0.00
15/09/2023 04:50	0.7	246	14	2.0	0.00
15/09/2023 05:00	0.8	244	12	2.2	0.00
15/09/2023 05:10	0.5	242	17	1.3	0.00
15/09/2023 05:20	0.5	244	16	1.3	0.00
15/09/2023 05:30	0.5	244	15	1.3	0.00
15/09/2023 05:40	0.6	241	13	1.4	0.00
15/09/2023 05:50	1.1	240	10	1.5	0.00
15/09/2023 06:00	1.6	239	9	2.4	0.00
15/09/2023 06:10	2.0	239	11	3.0	0.00
15/09/2023 06:20	1.4	241	18	3.2	0.00
15/09/2023 06:30	1.9	242	12	2.7	0.00
15/09/2023 06:40	1.6	242	13	2.6	0.00
15/09/2023 06:50	0.3	237	12	1.2	0.00
15/09/2023 07:00	0.5	229	14	1.3	0.00
15/09/2023 07:10	0.3	226	9	1.0	0.00
15/09/2023 07:20	0.1	214	7	0.8	0.00
15/09/2023 07:30	0.7	250	10	1.9	0.00
15/09/2023 07:40	1.5	246	15	2.0	0.00
15/09/2023 07:50	1.3	247	20	1.9	0.00
15/09/2023 08:00	1.1	247	20	1.9	0.00
15/09/2023 08:10	1.1	257	29	1.6	0.00
15/09/2023 08:20	0.6	307	43	1.2	0.00
15/09/2023 08:30	0.8	240	36	1.6	0.00
15/09/2023 08:40	0.7	193	35	1.4	0.00
15/09/2023 08:50	0.9	208	41	1.5	0.00
15/09/2023 09:00	1.1	190	48	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 09:10	1.4	129	43	2.4	0.00
15/09/2023 09:20	2.4	84	18	3.3	0.00
15/09/2023 09:30	2.3	93	20	3.3	0.00
15/09/2023 09:40	1.7	103	19	2.5	0.00
15/09/2023 09:50	1.7	96	18	2.4	0.00
15/09/2023 10:00	1.5	82	42	2.7	0.00
15/09/2023 10:10	2.2	117	19	3.2	0.00
15/09/2023 10:20	2.2	233	46	3.6	0.00
15/09/2023 10:30	1.8	293	31	2.8	0.00
15/09/2023 10:40	2.0	305	37	3.5	0.00
15/09/2023 10:50	1.8	28	38	2.8	0.00
15/09/2023 11:00	1.7	245	42	2.9	0.00
15/09/2023 11:10	2.4	135	34	4.7	0.00
15/09/2023 11:20	1.9	146	41	3.4	0.00
15/09/2023 11:30	2.0	112	24	3.2	0.00
15/09/2023 11:40	1.4	177	50	2.7	0.00
15/09/2023 11:50	2.5	241	23	3.6	0.00
15/09/2023 12:00	2.4	239	23	3.9	0.00
15/09/2023 12:10	2.6	252	24	4.0	0.00
15/09/2023 12:20	2.3	290	23	3.6	0.00
15/09/2023 12:30	2.7	297	13	3.5	0.00
15/09/2023 12:40	3.1	299	12	4.0	0.00
15/09/2023 12:50	3.1	297	10	4.0	0.00
15/09/2023 13:00	3.2	296	10	4.1	0.00
15/09/2023 13:10	3.3	298	12	4.1	0.00
15/09/2023 13:20	3.3	300	9	4.1	0.00
15/09/2023 13:30	3.2	299	9	4.2	0.00
15/09/2023 13:40	3.2	295	12	4.0	0.00
15/09/2023 13:50	3.0	302	13	3.8	0.00
15/09/2023 14:00	2.7	304	15	3.7	0.00
15/09/2023 14:10	2.9	303	14	4.0	0.00
15/09/2023 14:20	2.9	304	13	4.0	0.00
15/09/2023 14:30	3.4	304	14	4.5	0.00
15/09/2023 14:40	3.6	300	13	4.8	0.00
15/09/2023 14:50	3.7	302	17	5.4	0.00
15/09/2023 15:00	3.8	308	18	5.4	0.00
15/09/2023 15:10	4.3	302	14	6.0	0.00
15/09/2023 15:20	5.1	300	10	6.8	0.00
15/09/2023 15:30	5.2	299	11	6.7	0.00
15/09/2023 15:40	5.4	296	10	6.4	0.00
15/09/2023 15:50	5.0	297	10	5.9	0.00
15/09/2023 16:00	4.5	297	10	5.6	0.00
15/09/2023 16:10	4.3	300	10	5.6	0.00
15/09/2023 16:20	4.3	298	11	5.5	0.00
15/09/2023 16:30	4.1	297	11	5.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 16:40	4.0	300	12	5.1	0.00
15/09/2023 16:50	3.5	301	13	4.9	0.00
15/09/2023 17:00	3.5	299	13	4.8	0.00
15/09/2023 17:10	3.5	295	11	4.4	0.00
15/09/2023 17:20	3.4	292	13	4.4	0.00
15/09/2023 17:30	2.6	289	14	3.7	0.00
15/09/2023 17:40	2.4	268	16	3.2	0.00
15/09/2023 17:50	2.8	253	14	3.9	0.00
15/09/2023 18:00	3.4	257	12	4.6	0.00
15/09/2023 18:10	3.7	263	10	4.7	0.00
15/09/2023 18:20	3.1	255	12	4.4	0.00
15/09/2023 18:30	3.3	252	14	4.5	0.00
15/09/2023 18:40	3.3	250	10	4.4	0.00
15/09/2023 18:50	3.5	255	11	4.8	0.00
15/09/2023 19:00	3.6	256	11	4.7	0.00
15/09/2023 19:10	3.3	258	9	4.4	0.00
15/09/2023 19:20	2.9	252	11	4.0	0.00
15/09/2023 19:30	2.7	251	11	3.4	0.00
15/09/2023 19:40	2.9	246	9	3.9	0.00
15/09/2023 19:50	3.0	248	11	4.0	0.00
15/09/2023 20:00	2.6	246	11	3.9	0.00
15/09/2023 20:10	2.9	255	9	3.8	0.00
15/09/2023 20:20	3.2	257	9	4.0	0.00
15/09/2023 20:30	2.9	259	9	3.9	0.00
15/09/2023 20:40	2.5	258	9	3.2	0.00
15/09/2023 20:50	2.6	251	13	3.7	0.00
15/09/2023 21:00	2.3	245	15	3.6	0.00
15/09/2023 21:10	3.3	253	13	4.5	0.00
15/09/2023 21:20	3.3	253	11	4.5	0.00
15/09/2023 21:30	3.2	255	9	4.4	0.00
15/09/2023 21:40	3.4	255	10	4.4	0.00
15/09/2023 21:50	3.1	255	9	3.9	0.00
15/09/2023 22:00	2.2	249	12	3.1	0.00
15/09/2023 22:10	2.5	253	12	3.5	0.00
15/09/2023 22:20	3.4	254	10	4.8	0.00
15/09/2023 22:30	2.8	251	12	4.1	0.00
15/09/2023 22:40	3.2	245	11	4.9	0.00
15/09/2023 22:50	3.8	247	11	5.0	0.00
15/09/2023 23:00	3.6	251	11	4.8	0.00
15/09/2023 23:10	3.4	250	9	4.8	0.00
15/09/2023 23:20	3.7	255	10	4.8	0.00
15/09/2023 23:30	3.7	252	11	4.6	0.00
15/09/2023 23:40	3.4	250	11	4.4	0.00
15/09/2023 23:50	3.3	252	12	4.7	0.00
16/09/2023 00:00	3.0	248	11	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 00:10	2.7	243	11	3.7	0.00
16/09/2023 00:20	2.5	243	11	3.4	0.00
16/09/2023 00:30	2.6	236	13	3.8	0.00
16/09/2023 00:40	3.4	253	11	4.7	0.00
16/09/2023 00:50	2.9	257	11	4.0	0.00
16/09/2023 01:00	2.9	258	13	4.3	0.00
16/09/2023 01:10	1.9	251	15	2.7	0.00
16/09/2023 01:20	2.6	249	18	4.2	0.00
16/09/2023 01:30	2.5	240	16	3.7	0.00
16/09/2023 01:40	2.7	237	17	3.9	0.00
16/09/2023 01:50	2.7	248	12	4.0	0.00
16/09/2023 02:00	2.8	256	12	3.9	0.00
16/09/2023 02:10	2.8	246	15	3.8	0.00
16/09/2023 02:20	3.1	235	17	4.4	0.00
16/09/2023 02:30	2.9	225	15	4.4	0.00
16/09/2023 02:40	2.6	241	12	3.5	0.00
16/09/2023 02:50	2.3	248	13	3.2	0.00
16/09/2023 03:00	2.2	259	11	3.0	0.00
16/09/2023 03:10	2.1	261	12	3.2	0.00
16/09/2023 03:20	2.0	248	12	2.8	0.00
16/09/2023 03:30	1.9	235	16	2.8	0.00
16/09/2023 03:40	1.8	227	29	3.2	0.00
16/09/2023 03:50	1.9	226	19	3.2	0.00
16/09/2023 04:00	2.0	205	39	3.2	0.00
16/09/2023 04:10	2.1	212	35	3.3	0.00
16/09/2023 04:20	2.3	228	20	3.6	0.00
16/09/2023 04:30	3.0	225	15	4.9	0.00
16/09/2023 04:40	2.5	235	17	3.9	0.00
16/09/2023 04:50	3.0	227	24	5.4	0.00
16/09/2023 05:00	1.8	202	52	4.0	0.00
16/09/2023 05:10	1.3	190	71	3.2	0.00
16/09/2023 05:20	1.3	202	68	2.2	0.00
16/09/2023 05:30	1.5	145	84	3.0	0.00
16/09/2023 05:40	1.1	226	85	2.0	0.00
16/09/2023 05:50	1.2	216	48	2.7	0.00
16/09/2023 06:00	1.1	219	35	2.2	0.00
16/09/2023 06:10	1.1	132	34	1.7	0.00
16/09/2023 06:20	1.1	227	56	1.9	0.00
16/09/2023 06:30	1.4	193	63	2.4	0.00
16/09/2023 06:40	1.2	168	57	2.2	0.00
16/09/2023 06:50	0.8	201	45	1.7	0.00
16/09/2023 07:00	1.8	217	51	3.0	0.00
16/09/2023 07:10	1.4	223	36	2.3	0.00
16/09/2023 07:20	1.4	239	35	2.5	0.00
16/09/2023 07:30	1.1	282	18	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 07:40	1.3	281	17	1.7	0.00
16/09/2023 07:50	1.0	266	31	1.6	0.00
16/09/2023 08:00	0.6	152	78	1.1	0.00
16/09/2023 08:10	1.3	176	77	2.3	0.00
16/09/2023 08:20	1.4	186	94	2.5	0.00
16/09/2023 08:30	1.3	64	85	2.3	0.00
16/09/2023 08:40	1.9	124	48	3.1	0.00
16/09/2023 08:50	2.2	132	21	3.5	0.00
16/09/2023 09:00	2.6	126	18	3.8	0.00
16/09/2023 09:10	2.8	129	17	4.0	0.00
16/09/2023 09:20	2.5	137	24	4.0	0.00
16/09/2023 09:30	3.1	132	17	4.3	0.00
16/09/2023 09:40	2.9	139	25	4.0	0.00
16/09/2023 09:50	3.7	126	17	5.5	0.00
16/09/2023 10:00	2.9	124	15	4.3	0.00
16/09/2023 10:10	2.8	117	17	3.8	0.00
16/09/2023 10:20	2.6	125	17	3.8	0.00
16/09/2023 10:30	2.9	127	14	4.1	0.00
16/09/2023 10:40	2.8	133	19	4.4	0.00
16/09/2023 10:50	2.3	126	25	4.0	0.00
16/09/2023 11:00	2.7	116	20	4.0	0.00
16/09/2023 11:10	2.7	115	19	4.0	0.00
16/09/2023 11:20	2.2	127	35	3.8	0.00
16/09/2023 11:30	2.7	215	36	4.4	0.00
16/09/2023 11:40	3.3	307	13	4.2	0.00
16/09/2023 11:50	3.7	299	11	5.0	0.00
16/09/2023 12:00	3.4	300	12	4.5	0.00
16/09/2023 12:10	3.7	296	10	4.8	0.00
16/09/2023 12:20	3.4	299	14	4.3	0.00
16/09/2023 12:30	3.2	296	12	4.4	0.00
16/09/2023 12:40	3.2	305	14	4.1	0.00
16/09/2023 12:50	3.5	304	13	4.8	0.00
16/09/2023 13:00	3.4	307	17	4.4	0.00
16/09/2023 13:10	3.1	307	15	4.2	0.00
16/09/2023 13:20	3.4	298	12	4.5	0.00
16/09/2023 13:30	3.7	303	14	4.7	0.00
16/09/2023 13:40	3.8	306	15	5.1	0.00
16/09/2023 13:50	4.0	299	12	4.9	0.00
16/09/2023 14:00	3.9	301	11	5.1	0.00
16/09/2023 14:10	3.3	306	18	4.3	0.00
16/09/2023 14:20	3.3	297	16	4.8	0.00
16/09/2023 14:30	2.9	323	27	4.3	0.00
16/09/2023 14:40	3.4	9	19	4.6	0.00
16/09/2023 14:50	3.8	181	18	5.6	0.00
16/09/2023 15:00	3.9	355	17	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 15:10	3.8	180	19	5.3	0.00
16/09/2023 15:20	4.2	181	19	5.6	0.00
16/09/2023 15:30	4.2	4	13	5.8	0.00
16/09/2023 15:40	3.8	4	16	5.2	0.00
16/09/2023 15:50	4.0	354	17	5.7	0.00
16/09/2023 16:00	3.2	162	17	4.7	0.00
16/09/2023 16:10	3.5	323	20	5.2	0.00
16/09/2023 16:20	4.2	298	16	5.9	0.00
16/09/2023 16:30	4.7	289	15	6.2	0.00
16/09/2023 16:40	4.9	295	9	6.1	0.00
16/09/2023 16:50	4.3	307	13	5.9	0.00
16/09/2023 17:00	3.7	305	13	5.2	0.00
16/09/2023 17:10	3.4	314	16	5.3	0.00
16/09/2023 17:20	4.3	305	12	6.2	0.00
16/09/2023 17:30	4.5	308	12	6.0	0.00
16/09/2023 17:40	5.1	294	11	6.6	0.00
16/09/2023 17:50	4.7	294	12	6.4	0.00
16/09/2023 18:00	4.9	292	12	6.7	0.00
16/09/2023 18:10	4.6	291	11	6.0	0.00
16/09/2023 18:20	4.6	292	10	6.3	0.00
16/09/2023 18:30	4.4	284	13	5.7	0.00
16/09/2023 18:40	3.7	280	13	4.9	0.00
16/09/2023 18:50	3.1	270	13	4.0	0.00
16/09/2023 19:00	2.7	270	13	3.6	0.00
16/09/2023 19:10	2.8	265	10	4.0	0.00
16/09/2023 19:20	2.5	271	13	3.6	0.00
16/09/2023 19:30	2.4	273	16	3.3	0.00
16/09/2023 19:40	3.1	262	9	4.2	0.00
16/09/2023 19:50	3.0	262	12	4.0	0.00
16/09/2023 20:00	3.3	260	10	4.3	0.00
16/09/2023 20:10	3.8	262	9	5.2	0.00
16/09/2023 20:20	3.7	262	10	4.8	0.00
16/09/2023 20:30	3.9	263	9	5.1	0.00
16/09/2023 20:40	4.0	261	10	4.9	0.00
16/09/2023 20:50	2.7	256	11	4.4	0.00
16/09/2023 21:00	2.5	249	12	3.6	0.00
16/09/2023 21:10	2.5	253	14	4.2	0.00
16/09/2023 21:20	3.0	253	10	4.2	0.00
16/09/2023 21:30	3.1	255	11	4.3	0.00
16/09/2023 21:40	2.9	258	11	4.1	0.00
16/09/2023 21:50	3.1	257	11	4.2	0.00
16/09/2023 22:00	3.7	257	9	4.7	0.00
16/09/2023 22:10	3.4	262	10	4.6	0.00
16/09/2023 22:20	3.5	257	11	4.5	0.00
16/09/2023 22:30	3.8	258	9	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 22:40	3.2	250	10	4.2	0.00
16/09/2023 22:50	3.3	254	10	4.4	0.00
16/09/2023 23:00	3.6	257	9	4.6	0.00
16/09/2023 23:10	3.4	257	11	4.4	0.00
16/09/2023 23:20	3.3	258	9	4.3	0.00
16/09/2023 23:30	3.7	258	10	4.7	0.00
16/09/2023 23:40	3.3	258	11	4.1	0.00
16/09/2023 23:50	3.4	259	12	4.4	0.00
17/09/2023 00:00	4.1	262	11	5.5	0.00
17/09/2023 00:10	4.1	256	11	5.2	0.00
17/09/2023 00:20	3.0	255	13	4.5	0.00
17/09/2023 00:30	2.9	258	10	3.9	0.00
17/09/2023 00:40	3.4	259	8	4.3	0.00
17/09/2023 00:50	3.2	258	9	4.2	0.00
17/09/2023 01:00	3.2	262	9	4.0	0.00
17/09/2023 01:10	3.2	261	9	4.0	0.00
17/09/2023 01:20	3.4	265	9	4.3	0.00
17/09/2023 01:30	2.9	260	10	3.9	0.00
17/09/2023 01:40	2.2	252	10	2.9	0.00
17/09/2023 01:50	1.9	255	10	2.8	0.00
17/09/2023 02:00	0.9	226	12	1.3	0.00
17/09/2023 02:10	1.0	263	12	1.5	0.00
17/09/2023 02:20	0.7	239	15	1.4	0.00
17/09/2023 02:30	0.5	188	13	1.1	0.00
17/09/2023 02:40	0.9	325	19	1.2	0.00
17/09/2023 02:50	1.0	26	15	1.2	0.00
17/09/2023 03:00	0.7	157	23	1.1	0.00
17/09/2023 03:10	0.0	276	0	0.4	0.00
17/09/2023 03:20					0.00
17/09/2023 03:30	1.1	45	13	2.2	0.00
17/09/2023 03:40	1.1	11	17	2.0	0.00
17/09/2023 03:50					0.00
17/09/2023 04:00					0.00
17/09/2023 04:10					0.00
17/09/2023 04:20					0.00
17/09/2023 04:30	0.0	275	0	0.4	0.00
17/09/2023 04:40	0.2	26	6	0.8	0.00
17/09/2023 04:50	0.2	25	5	0.4	0.00
17/09/2023 05:00	0.0	225	3	0.4	0.00
17/09/2023 05:10	0.0	25	17	0.4	0.00
17/09/2023 05:20	0.3	264	12	1.1	0.00
17/09/2023 05:30	0.7	226	9	1.0	0.00
17/09/2023 05:40	0.5	204	8	0.8	0.00
17/09/2023 05:50	0.5	257	4	1.0	0.00
17/09/2023 06:00	0.6	278	9	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 06:10	0.5	159	35	0.8	0.00
17/09/2023 06:20	0.3	165	6	0.8	0.00
17/09/2023 06:30	0.0	29	1	0.4	0.00
17/09/2023 06:40	0.5	271	7	1.2	0.00
17/09/2023 06:50	0.7	173	18	1.2	0.00
17/09/2023 07:00	1.2	26	11	2.0	0.00
17/09/2023 07:10	0.6	177	31	1.4	0.00
17/09/2023 07:20	1.3	51	11	2.2	0.00
17/09/2023 07:30	0.2	65	5	1.2	0.00
17/09/2023 07:40					0.00
17/09/2023 07:50					0.00
17/09/2023 08:00					0.00
17/09/2023 08:10					0.00
17/09/2023 08:20	1.3	118	17	2.4	0.00
17/09/2023 08:30	1.3	127	22	2.2	0.00
17/09/2023 08:40	1.9	109	20	2.8	0.00
17/09/2023 08:50	2.0	109	19	3.2	0.00
17/09/2023 09:00	2.3	96	16	3.5	0.00
17/09/2023 09:10	2.0	88	26	3.1	0.00
17/09/2023 09:20	1.8	86	29	3.4	0.00
17/09/2023 09:30	2.3	89	20	3.2	0.00
17/09/2023 09:40	2.2	80	22	3.5	0.00
17/09/2023 09:50	2.4	68	16	3.6	0.00
17/09/2023 10:00	2.0	85	26	3.1	0.00
17/09/2023 10:10	2.2	94	20	3.6	0.00
17/09/2023 10:20	2.4	79	27	3.7	0.00
17/09/2023 10:30	2.5	59	19	4.0	0.00
17/09/2023 10:40	1.8	185	41	3.2	0.00
17/09/2023 10:50	2.9	316	24	4.4	0.00
17/09/2023 11:00	2.9	299	20	4.7	0.00
17/09/2023 11:10	2.6	340	24	3.6	0.00
17/09/2023 11:20	2.0	173	24	3.2	0.00
17/09/2023 11:30	2.4	334	28	3.6	0.00
17/09/2023 11:40	2.5	351	19	3.6	0.00
17/09/2023 11:50	2.7	355	22	3.7	0.00
17/09/2023 12:00	2.9	180	22	4.1	0.00
17/09/2023 12:10	2.7	353	20	3.8	0.00
17/09/2023 12:20	2.8	356	18	3.8	0.00
17/09/2023 12:30	3.3	6	19	4.5	0.00
17/09/2023 12:40	3.4	346	21	5.2	0.00
17/09/2023 12:50	3.2	182	20	4.4	0.00
17/09/2023 13:00	3.3	17	20	4.3	0.00
17/09/2023 13:10	2.7	9	21	4.4	0.00
17/09/2023 13:20	3.1	350	24	4.7	0.00
17/09/2023 13:30	3.2	175	19	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 13:40	3.2	352	19	4.6	0.00
17/09/2023 13:50	3.1	355	18	4.5	0.00
17/09/2023 14:00	3.1	183	20	4.4	0.00
17/09/2023 14:10	3.4	355	15	4.6	0.00
17/09/2023 14:20	3.2	5	23	4.5	0.00
17/09/2023 14:30	3.6	179	20	5.4	0.00
17/09/2023 14:40	3.2	4	20	4.5	0.00
17/09/2023 14:50	3.7	7	18	4.9	0.00
17/09/2023 15:00	3.4	9	18	5.1	0.00
17/09/2023 15:10	3.1	8	18	4.5	0.00
17/09/2023 15:20	3.4	182	20	4.9	0.00
17/09/2023 15:30	2.7	346	24	4.0	0.00
17/09/2023 15:40	2.8	6	16	4.1	0.00
17/09/2023 15:50	2.3	338	26	3.6	0.00
17/09/2023 16:00	2.9	314	19	4.4	0.00
17/09/2023 16:10	3.2	312	17	4.4	0.00
17/09/2023 16:20	3.5	295	13	4.6	0.00
17/09/2023 16:30	3.3	267	14	4.6	0.00
17/09/2023 16:40	2.4	231	18	3.3	0.00
17/09/2023 16:50	1.4	143	48	2.1	0.00
17/09/2023 17:00	1.6	269	24	2.4	0.00
17/09/2023 17:10	2.4	291	17	3.7	0.00
17/09/2023 17:20	3.7	305	13	5.2	0.00
17/09/2023 17:30	4.2	297	13	5.6	0.00
17/09/2023 17:40	3.9	297	12	5.1	0.00
17/09/2023 17:50	2.6	302	14	3.9	0.00
17/09/2023 18:00	2.6	179	29	4.1	0.00
17/09/2023 18:10	2.4	335	26	4.4	0.00
17/09/2023 18:20	2.9	330	21	4.4	0.00
17/09/2023 18:30	4.0	306	11	5.5	0.00
17/09/2023 18:40	4.1	321	15	6.0	0.00
17/09/2023 18:50	4.9	306	12	6.4	0.00
17/09/2023 19:00	4.7	298	13	6.4	0.00
17/09/2023 19:10	4.3	283	14	5.6	0.00
17/09/2023 19:20	3.6	272	14	4.9	0.00
17/09/2023 19:30	3.5	275	14	4.5	0.00
17/09/2023 19:40	3.5	271	14	4.7	0.00
17/09/2023 19:50	3.0	280	17	4.1	0.00
17/09/2023 20:00	3.7	265	9	4.8	0.00
17/09/2023 20:10	3.5	255	10	4.5	0.00
17/09/2023 20:20	3.7	261	11	4.9	0.00
17/09/2023 20:30	3.6	271	15	4.8	0.00
17/09/2023 20:40	3.3	287	16	4.8	0.00
17/09/2023 20:50	4.0	293	11	5.3	0.00
17/09/2023 21:00	3.0	283	15	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 21:10	3.2	307	19	4.4	0.00
17/09/2023 21:20	3.9	272	14	5.1	0.00
17/09/2023 21:30	3.3	296	17	4.6	0.00
17/09/2023 21:40	4.1	263	11	5.2	0.00
17/09/2023 21:50	3.8	273	13	5.8	0.00
17/09/2023 22:00	3.1	284	14	4.2	0.00
17/09/2023 22:10	3.1	272	12	4.7	0.00
17/09/2023 22:20	3.4	294	14	4.9	0.00
17/09/2023 22:30	3.4	274	14	4.5	0.00
17/09/2023 22:40	2.8	288	16	4.0	0.00
17/09/2023 22:50	2.6	271	16	3.8	0.00
17/09/2023 23:00	2.8	266	13	4.1	0.00
17/09/2023 23:10	2.5	273	15	3.7	0.00
17/09/2023 23:20	2.4	269	14	3.7	0.00
17/09/2023 23:30	2.9	267	10	3.7	0.00
17/09/2023 23:40	2.6	266	11	3.7	0.00
17/09/2023 23:50	2.8	271	11	3.8	0.00
18/09/2023 00:00	2.8	274	13	4.2	0.00
18/09/2023 00:10	2.4	275	14	3.6	0.00
18/09/2023 00:20	2.5	270	13	3.2	0.00
18/09/2023 00:30	3.0	263	10	3.9	0.00
18/09/2023 00:40	2.2	263	14	3.2	0.00
18/09/2023 00:50	2.3	267	11	3.2	0.00
18/09/2023 01:00	2.6	262	9	3.8	0.00
18/09/2023 01:10	2.8	265	9	3.6	0.00
18/09/2023 01:20	2.9	272	11	3.6	0.00
18/09/2023 01:30	2.7	268	13	3.6	0.00
18/09/2023 01:40	1.8	262	13	2.4	0.00
18/09/2023 01:50	2.7	260	12	3.8	0.00
18/09/2023 02:00	2.4	250	13	3.6	0.00
18/09/2023 02:10	2.6	260	10	3.5	0.00
18/09/2023 02:20	3.5	263	10	4.4	0.00
18/09/2023 02:30	3.2	260	9	4.2	0.00
18/09/2023 02:40	3.6	258	10	4.8	0.00
18/09/2023 02:50	2.9	262	9	4.0	0.00
18/09/2023 03:00	3.2	264	10	4.3	0.00
18/09/2023 03:10	3.7	265	9	5.0	0.00
18/09/2023 03:20	3.9	261	9	5.2	0.00
18/09/2023 03:30	3.8	264	9	5.0	0.00
18/09/2023 03:40	3.5	264	10	4.6	0.00
18/09/2023 03:50	3.6	261	10	4.8	0.00
18/09/2023 04:00	2.8	259	10	3.9	0.00
18/09/2023 04:10	2.9	259	10	3.7	0.00
18/09/2023 04:20	3.7	254	11	5.0	0.00
18/09/2023 04:30	3.4	252	10	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 04:40	2.9	254	10	4.4	0.00
18/09/2023 04:50	2.9	255	11	4.1	0.00
18/09/2023 05:00	3.0	257	9	4.3	0.00
18/09/2023 05:10	3.7	257	11	4.8	0.00
18/09/2023 05:20	3.8	259	10	4.9	0.00
18/09/2023 05:30	3.6	254	10	4.5	0.00
18/09/2023 05:40	3.1	258	10	4.5	0.00
18/09/2023 05:50	3.4	265	8	4.6	0.00
18/09/2023 06:00	2.9	261	9	3.9	0.00
18/09/2023 06:10	1.7	261	10	2.7	0.00
18/09/2023 06:20	1.2	255	11	2.4	0.00
18/09/2023 06:30	0.8	243	12	1.7	0.00
18/09/2023 06:40	1.3	247	12	2.9	0.00
18/09/2023 06:50	1.9	251	11	3.5	0.00
18/09/2023 07:00	1.8	234	14	2.8	0.00
18/09/2023 07:10	1.8	245	17	2.6	0.00
18/09/2023 07:20	2.2	257	17	3.0	0.00
18/09/2023 07:30	2.8	255	13	3.9	0.00
18/09/2023 07:40	3.0	249	14	3.7	0.00
18/09/2023 07:50	3.2	241	12	4.4	0.00
18/09/2023 08:00	2.7	244	16	3.8	0.00
18/09/2023 08:10	2.7	243	12	3.6	0.00
18/09/2023 08:20	2.4	254	17	3.3	0.00
18/09/2023 08:30	1.7	257	25	2.8	0.00
18/09/2023 08:40	1.1	236	29	2.0	0.00
18/09/2023 08:50	1.1	254	36	2.0	0.00
18/09/2023 09:00	0.9	274	41	1.9	0.00
18/09/2023 09:10	1.5	166	38	2.5	0.00
18/09/2023 09:20	1.1	157	49	1.8	0.00
18/09/2023 09:30	2.3	283	41	3.9	0.00
18/09/2023 09:40	2.8	297	13	3.7	0.00
18/09/2023 09:50	2.4	298	21	3.9	0.00
18/09/2023 10:00	2.6	306	19	3.8	0.00
18/09/2023 10:10	2.0	336	23	3.0	0.00
18/09/2023 10:20	3.1	306	29	4.6	0.00
18/09/2023 10:30	3.6	303	15	5.2	0.00
18/09/2023 10:40	2.5	336	29	3.7	0.00
18/09/2023 10:50	2.9	298	27	4.2	0.00
18/09/2023 11:00	2.5	327	34	4.1	0.00
18/09/2023 11:10	2.9	303	22	4.6	0.00
18/09/2023 11:20	2.8	297	26	4.2	0.00
18/09/2023 11:30	2.8	301	17	4.4	0.00
18/09/2023 11:40	3.6	302	15	4.9	0.00
18/09/2023 11:50	2.8	287	20	3.9	0.00
18/09/2023 12:00	3.0	297	16	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 12:10	3.2	286	18	4.5	0.00
18/09/2023 12:20	2.6	298	24	3.9	0.00
18/09/2023 12:30	3.2	293	20	4.9	0.00
18/09/2023 12:40	3.1	293	22	4.4	0.00
18/09/2023 12:50	4.0	297	13	5.6	0.00
18/09/2023 13:00	4.6	301	13	6.3	0.00
18/09/2023 13:10	4.7	302	12	6.2	0.00
18/09/2023 13:20	4.9	292	18	6.5	0.00
18/09/2023 13:30	5.0	292	14	6.8	0.00
18/09/2023 13:40	5.4	297	12	7.2	0.00
18/09/2023 13:50	4.8	295	17	6.5	0.00
18/09/2023 14:00	4.6	291	15	6.0	0.00
18/09/2023 14:10	2.5	329	44	4.6	0.00
18/09/2023 14:20	3.9	299	16	5.4	0.00
18/09/2023 14:30	4.7	301	12	6.4	0.00
18/09/2023 14:40	5.4	301	9	6.8	0.00
18/09/2023 14:50	5.0	300	11	6.4	0.00
18/09/2023 15:00	5.6	300	11	7.4	0.00
18/09/2023 15:10	5.2	303	12	6.8	0.00
18/09/2023 15:20	5.4	297	12	7.1	0.00
18/09/2023 15:30	5.3	295	12	6.7	0.00
18/09/2023 15:40	4.6	302	14	6.6	0.00
18/09/2023 15:50	4.8	303	14	6.9	0.00
18/09/2023 16:00	5.5	298	10	7.0	0.00
18/09/2023 16:10	5.6	297	10	7.0	0.00
18/09/2023 16:20	4.9	300	13	6.4	0.00
18/09/2023 16:30	4.5	306	16	6.3	0.00
18/09/2023 16:40	4.2	307	14	6.4	0.00
18/09/2023 16:50	4.5	296	14	6.5	0.00
18/09/2023 17:00	5.2	294	12	6.8	0.00
18/09/2023 17:10	4.7	293	14	6.2	0.00
18/09/2023 17:20	4.3	296	13	5.6	0.00
18/09/2023 17:30	4.6	296	10	6.0	0.00
18/09/2023 17:40	4.8	300	12	6.3	0.00
18/09/2023 17:50	5.5	293	9	6.7	0.00
18/09/2023 18:00	4.9	296	8	6.2	0.00
18/09/2023 18:10	3.7	300	12	5.0	0.00
18/09/2023 18:20	4.2	292	13	5.5	0.00
18/09/2023 18:30	4.4	301	11	5.6	0.00
18/09/2023 18:40	4.3	298	9	5.9	0.00
18/09/2023 18:50	4.9	301	11	6.4	0.00
18/09/2023 19:00	4.5	297	11	6.0	0.00
18/09/2023 19:10	4.2	298	10	5.6	0.00
18/09/2023 19:20	3.6	299	12	4.8	0.00
18/09/2023 19:30	3.9	298	11	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 19:40	4.0	296	13	6.1	0.00
18/09/2023 19:50	4.6	301	11	6.2	0.00
18/09/2023 20:00	4.3	303	12	6.1	0.00
18/09/2023 20:10	4.1	297	13	5.8	0.00
18/09/2023 20:20	3.8	300	10	5.0	0.00
18/09/2023 20:30	3.3	301	12	4.8	0.00
18/09/2023 20:40	3.4	305	15	5.0	0.00
18/09/2023 20:50	4.4	300	11	6.2	0.00
18/09/2023 21:00	4.2	300	10	5.8	0.00
18/09/2023 21:10	3.9	311	11	5.5	0.00
18/09/2023 21:20	3.8	306	14	5.7	0.00
18/09/2023 21:30	3.3	292	12	4.4	0.00
18/09/2023 21:40	3.6	293	11	4.8	0.00
18/09/2023 21:50	3.5	302	10	4.8	0.00
18/09/2023 22:00	3.7	299	11	5.1	0.00
18/09/2023 22:10	3.6	281	15	5.0	0.00
18/09/2023 22:20	3.1	281	14	4.4	0.00
18/09/2023 22:30	3.0	290	14	4.9	0.00
18/09/2023 22:40	2.6	277	15	4.4	0.00
18/09/2023 22:50	3.5	270	13	5.0	0.00
18/09/2023 23:00	2.5	289	13	4.1	0.00
18/09/2023 23:10	2.9	293	12	4.2	0.00
18/09/2023 23:20	2.3	290	18	4.0	0.00
18/09/2023 23:30	2.3	287	16	4.4	0.00
18/09/2023 23:40	2.7	273	15	4.4	0.00
18/09/2023 23:50	1.9	276	17	3.8	0.00
19/09/2023 00:00	2.9	268	13	4.9	0.00
19/09/2023 00:10	2.9	265	13	4.8	0.00
19/09/2023 00:20	2.6	267	14	4.0	0.00
19/09/2023 00:30	3.0	272	14	4.5	0.00
19/09/2023 00:40	2.4	269	13	3.7	0.00
19/09/2023 00:50	1.4	274	15	3.2	0.00
19/09/2023 01:00	1.5	272	15	2.9	0.00
19/09/2023 01:10	2.7	272	11	4.0	0.00
19/09/2023 01:20	2.7	269	12	4.2	0.00
19/09/2023 01:30	3.4	267	11	5.3	0.00
19/09/2023 01:40	4.5	265	9	6.0	0.00
19/09/2023 01:50	4.2	265	10	5.5	0.00
19/09/2023 02:00	4.1	257	12	5.8	0.00
19/09/2023 02:10	4.2	259	11	6.0	0.00
19/09/2023 02:20	4.2	255	11	5.6	0.00
19/09/2023 02:30	4.3	255	9	5.8	0.00
19/09/2023 02:40	4.2	254	12	5.4	0.00
19/09/2023 02:50	3.9	251	12	5.5	0.00
19/09/2023 03:00	3.9	252	12	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 03:10	4.0	250	13	5.6	0.00
19/09/2023 03:20	3.5	254	11	4.6	0.00
19/09/2023 03:30	4.0	258	9	5.0	0.00
19/09/2023 03:40	3.5	259	10	4.8	0.00
19/09/2023 03:50	3.6	258	8	4.8	0.00
19/09/2023 04:00	3.8	259	9	4.8	0.00
19/09/2023 04:10	4.0	259	9	5.2	0.00
19/09/2023 04:20	4.0	257	9	5.1	0.00
19/09/2023 04:30	2.9	258	10	4.1	0.00
19/09/2023 04:40	3.4	258	10	4.4	0.00
19/09/2023 04:50	2.9	257	10	3.7	0.00
19/09/2023 05:00	3.0	259	10	4.0	0.00
19/09/2023 05:10	2.7	262	10	3.5	0.00
19/09/2023 05:20	2.1	263	10	3.0	0.00
19/09/2023 05:30	2.1	260	9	2.8	0.00
19/09/2023 05:40	2.6	259	8	3.2	0.00
19/09/2023 05:50	3.0	259	8	3.9	0.00
19/09/2023 06:00	2.5	258	10	3.2	0.00
19/09/2023 06:10	2.0	255	11	2.7	0.00
19/09/2023 06:20	1.5	246	12	2.0	0.00
19/09/2023 06:30	2.3	224	12	3.0	0.00
19/09/2023 06:40	2.4	226	17	3.2	0.00
19/09/2023 06:50	2.0	223	14	2.9	0.00
19/09/2023 07:00	1.7	222	13	2.2	0.00
19/09/2023 07:10	1.4	222	17	1.9	0.00
19/09/2023 07:20	0.5	217	23	1.2	0.00
19/09/2023 07:30	0.2	194	25	0.8	0.00
19/09/2023 07:40	1.2	267	22	1.8	0.00
19/09/2023 07:50	1.0	236	18	1.9	0.00
19/09/2023 08:00	0.9	244	30	1.7	0.00
19/09/2023 08:10	1.2	232	28	2.4	0.00
19/09/2023 08:20	1.3	227	28	2.4	0.00
19/09/2023 08:30	2.1	224	23	3.1	0.00
19/09/2023 08:40	2.0	219	33	3.0	0.00
19/09/2023 08:50	1.4	154	69	2.2	0.00
19/09/2023 09:00	1.6	169	55	2.9	0.00
19/09/2023 09:10	1.5	171	68	2.8	0.00
19/09/2023 09:20	2.2	132	20	3.6	0.00
19/09/2023 09:30	2.5	130	19	4.0	0.00
19/09/2023 09:40	2.7	140	26	4.4	0.00
19/09/2023 09:50	2.9	128	22	4.0	0.00
19/09/2023 10:00	2.8	125	21	4.3	0.00
19/09/2023 10:10	3.7	99	12	5.2	0.00
19/09/2023 10:20	3.3	100	17	5.1	0.00
19/09/2023 10:30	3.3	93	14	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 10:40	3.3	98	16	4.8	0.00
19/09/2023 10:50	3.4	100	16	4.6	0.00
19/09/2023 11:00	3.8	92	14	5.3	0.00
19/09/2023 11:10	3.8	85	12	5.2	0.00
19/09/2023 11:20	4.0	93	15	5.7	0.00
19/09/2023 11:30	4.2	84	17	6.1	0.00
19/09/2023 11:40	4.4	86	13	6.2	0.00
19/09/2023 11:50	5.2	81	11	7.0	0.00
19/09/2023 12:00	5.1	84	14	7.0	0.00
19/09/2023 12:10	5.3	74	11	7.8	0.00
19/09/2023 12:20	4.8	70	16	6.7	0.00
19/09/2023 12:30	4.7	69	16	6.8	0.00
19/09/2023 12:40	5.0	63	14	6.7	0.00
19/09/2023 12:50	4.6	68	14	6.5	0.00
19/09/2023 13:00	4.7	61	13	6.0	0.00
19/09/2023 13:10	4.0	47	22	6.0	0.00
19/09/2023 13:20	3.2	5	23	5.0	0.00
19/09/2023 13:30	3.8	337	19	5.6	0.00
19/09/2023 13:40	3.5	337	18	5.0	0.00
19/09/2023 13:50	3.5	347	21	5.1	0.00
19/09/2023 14:00	3.4	182	18	5.3	0.00
19/09/2023 14:10	3.6	1	20	5.2	0.00
19/09/2023 14:20	3.9	180	20	5.6	0.00
19/09/2023 14:30	3.8	180	19	5.5	0.00
19/09/2023 14:40	4.2	178	18	6.2	0.00
19/09/2023 14:50	4.5	351	18	6.6	0.00
19/09/2023 15:00	4.4	346	21	6.7	0.00
19/09/2023 15:10	4.5	351	21	6.7	0.00
19/09/2023 15:20	4.2	353	22	6.0	0.00
19/09/2023 15:30	4.2	353	18	6.4	0.00
19/09/2023 15:40	4.6	2	16	6.4	0.00
19/09/2023 15:50	4.3	351	18	6.1	0.00
19/09/2023 16:00	4.6	1	16	6.7	0.00
19/09/2023 16:10	3.7	1	21	6.1	0.00
19/09/2023 16:20	4.3	353	22	6.6	0.00
19/09/2023 16:30	4.7	177	18	6.8	0.00
19/09/2023 16:40	4.7	178	18	6.8	0.00
19/09/2023 16:50	4.3	356	20	7.2	0.00
19/09/2023 17:00	4.5	175	18	6.2	0.00
19/09/2023 17:10	4.3	183	19	6.4	0.00
19/09/2023 17:20	4.4	9	19	6.2	0.00
19/09/2023 17:30	4.2	346	21	6.2	0.00
19/09/2023 17:40	3.5	333	26	5.0	0.00
19/09/2023 17:50	4.5	301	11	6.0	0.00
19/09/2023 18:00	4.5	297	14	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 18:10	4.5	288	12	5.7	0.00
19/09/2023 18:20	4.0	280	14	5.6	0.00
19/09/2023 18:30	4.2	285	16	6.0	0.00
19/09/2023 18:40	3.7	282	16	5.4	0.00
19/09/2023 18:50	3.7	287	17	5.6	0.00
19/09/2023 19:00	3.7	284	13	5.2	0.00
19/09/2023 19:10	3.6	292	14	4.8	0.00
19/09/2023 19:20	4.0	299	9	5.1	0.00
19/09/2023 19:30	3.8	299	11	5.0	0.00
19/09/2023 19:40	3.5	301	9	4.7	0.00
19/09/2023 19:50	3.3	304	13	4.8	0.00
19/09/2023 20:00	3.7	301	10	5.0	0.00
19/09/2023 20:10	3.8	306	12	5.0	0.00
19/09/2023 20:20	3.7	303	12	5.0	0.00
19/09/2023 20:30	3.9	304	11	5.4	0.00
19/09/2023 20:40	3.9	309	12	5.1	0.00
19/09/2023 20:50	3.2	305	12	4.4	0.00
19/09/2023 21:00	3.2	305	12	4.4	0.00
19/09/2023 21:10	3.0	306	13	4.4	0.00
19/09/2023 21:20	2.9	308	14	4.4	0.00
19/09/2023 21:30	2.9	303	12	4.5	0.00
19/09/2023 21:40	3.0	304	12	4.2	0.00
19/09/2023 21:50	3.1	302	13	4.2	0.00
19/09/2023 22:00	3.0	304	13	4.5	0.00
19/09/2023 22:10	3.3	305	12	4.7	0.00
19/09/2023 22:20	3.5	301	12	4.8	0.00
19/09/2023 22:30	3.9	303	10	4.8	0.00
19/09/2023 22:40	3.8	300	11	5.1	0.00
19/09/2023 22:50	3.9	300	12	5.3	0.00
19/09/2023 23:00	4.7	294	9	5.7	0.00
19/09/2023 23:10	4.6	297	10	5.6	0.00
19/09/2023 23:20	4.5	296	10	5.7	0.00
19/09/2023 23:30	4.4	295	10	5.5	0.00
19/09/2023 23:40	4.1	293	10	5.2	0.00
19/09/2023 23:50	3.7	293	10	5.1	0.00
20/09/2023 00:00	3.4	291	12	4.7	0.00
20/09/2023 00:10	3.2	295	11	4.4	0.00
20/09/2023 00:20	3.1	295	11	4.5	0.00
20/09/2023 00:30	3.3	296	11	4.5	0.00
20/09/2023 00:40	3.5	295	10	4.7	0.00
20/09/2023 00:50	3.0	295	12	4.1	0.00
20/09/2023 01:00	2.6	292	14	3.9	0.00
20/09/2023 01:10	2.2	304	20	3.5	0.00
20/09/2023 01:20	2.6	294	15	4.1	0.00
20/09/2023 01:30	2.8	303	16	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 01:40	2.6	302	13	3.8	0.00
20/09/2023 01:50	2.4	305	13	3.8	0.00
20/09/2023 02:00	3.1	298	12	4.3	0.00
20/09/2023 02:10	2.2	314	16	3.2	0.00
20/09/2023 02:20	1.9	319	17	3.7	0.00
20/09/2023 02:30	1.4	330	26	3.2	0.00
20/09/2023 02:40	1.6	335	24	2.6	0.00
20/09/2023 02:50	1.8	325	25	2.6	0.00
20/09/2023 03:00	0.9	265	59	2.0	0.00
20/09/2023 03:10	0.2	82	41	0.8	0.00
20/09/2023 03:20	0.2	279	23	0.8	0.00
20/09/2023 03:30	1.1	18	22	2.3	0.00
20/09/2023 03:40	0.8	34	41	1.7	0.00
20/09/2023 03:50	1.3	53	12	2.0	0.00
20/09/2023 04:00	0.7	69	11	1.3	0.00
20/09/2023 04:10	1.0	82	11	1.6	0.00
20/09/2023 04:20	0.6	355	15	1.2	0.00
20/09/2023 04:30	0.7	61	24	1.4	0.00
20/09/2023 04:40	0.9	103	20	1.6	0.00
20/09/2023 04:50	1.0	107	14	1.7	0.00
20/09/2023 05:00	1.1	60	13	1.7	0.00
20/09/2023 05:10	0.9	132	38	1.7	0.00
20/09/2023 05:20	0.2	337	11	0.9	0.00
20/09/2023 05:30	0.9	58	8	1.6	0.00
20/09/2023 05:40	0.4	96	12	1.2	0.00
20/09/2023 05:50	0.2	179	20	0.8	0.00
20/09/2023 06:00	0.4	217	6	0.8	0.00
20/09/2023 06:10	1.0	70	12	2.4	0.00
20/09/2023 06:20	2.1	72	9	2.6	0.00
20/09/2023 06:30	1.4	56	8	2.0	0.00
20/09/2023 06:40	1.5	51	8	1.9	0.00
20/09/2023 06:50	1.8	47	10	2.4	0.00
20/09/2023 07:00	1.7	54	9	2.2	0.00
20/09/2023 07:10	1.7	52	13	2.3	0.00
20/09/2023 07:20	2.2	77	10	2.8	0.00
20/09/2023 07:30	2.4	74	12	3.3	0.00
20/09/2023 07:40	2.6	79	10	4.0	0.00
20/09/2023 07:50	3.5	80	11	4.9	0.00
20/09/2023 08:00	3.6	71	11	5.2	0.00
20/09/2023 08:10	3.8	71	13	5.1	0.00
20/09/2023 08:20	4.1	71	11	5.2	0.00
20/09/2023 08:30	4.0	62	12	5.6	0.00
20/09/2023 08:40	4.4	68	11	5.9	0.00
20/09/2023 08:50	4.7	75	11	6.4	0.00
20/09/2023 09:00	4.4	73	10	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 09:10	4.6	68	12	6.1	0.00
20/09/2023 09:20	4.5	64	12	6.3	0.00
20/09/2023 09:30	4.3	59	13	5.7	0.00
20/09/2023 09:40	4.5	74	11	6.0	0.00
20/09/2023 09:50	4.7	69	14	6.1	0.00
20/09/2023 10:00	4.4	72	13	5.6	0.00
20/09/2023 10:10	4.3	65	14	5.8	0.00
20/09/2023 10:20	4.2	72	15	6.4	0.00
20/09/2023 10:30	4.7	79	11	6.4	0.00
20/09/2023 10:40	3.4	89	15	4.8	0.00
20/09/2023 10:50	4.6	78	17	6.4	0.00
20/09/2023 11:00	4.8	87	15	6.8	0.00
20/09/2023 11:10	4.7	87	15	6.5	0.00
20/09/2023 11:20	4.1	86	17	6.0	0.00
20/09/2023 11:30	4.4	89	13	6.0	0.00
20/09/2023 11:40	5.0	82	13	7.5	0.00
20/09/2023 11:50	5.1	85	14	7.2	0.00
20/09/2023 12:00	5.7	84	12	7.9	0.00
20/09/2023 12:10	5.8	84	13	8.5	0.00
20/09/2023 12:20	5.8	79	14	7.9	0.00
20/09/2023 12:30	6.1	72	14	8.7	0.00
20/09/2023 12:40	5.4	72	13	8.1	0.00
20/09/2023 12:50	5.3	65	14	8.6	0.00
20/09/2023 13:00	5.1	64	16	7.6	0.00
20/09/2023 13:10	5.4	62	12	7.4	0.00
20/09/2023 13:20	5.1	58	15	7.1	0.00
20/09/2023 13:30	5.0	49	13	7.5	0.00
20/09/2023 13:40	4.8	49	15	6.4	0.00
20/09/2023 13:50	4.3	51	23	7.3	0.00
20/09/2023 14:00	4.1	35	22	6.7	0.00
20/09/2023 14:10	4.4	35	16	6.4	0.00
20/09/2023 14:20	4.0	27	20	5.7	0.00
20/09/2023 14:30	4.6	179	19	6.2	0.00
20/09/2023 14:40	4.7	355	17	6.9	0.00
20/09/2023 14:50	4.5	4	17	6.3	0.00
20/09/2023 15:00	4.6	7	17	6.6	0.00
20/09/2023 15:10	4.6	3	17	7.0	0.00
20/09/2023 15:20	4.5	177	17	6.7	0.00
20/09/2023 15:30	4.5	181	19	6.3	0.00
20/09/2023 15:40	4.6	356	17	6.8	0.00
20/09/2023 15:50	4.1	2	19	5.8	0.00
20/09/2023 16:00	3.8	356	17	5.6	0.00
20/09/2023 16:10	4.0	355	16	5.5	0.00
20/09/2023 16:20	4.1	355	17	5.7	0.00
20/09/2023 16:30	4.0	179	20	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 16:40	4.1	349	17	5.9	0.00
20/09/2023 16:50	4.3	348	17	6.0	0.00
20/09/2023 17:00	3.9	355	22	6.0	0.00
20/09/2023 17:10	3.7	6	18	5.6	0.00
20/09/2023 17:20	3.8	181	18	5.2	0.00
20/09/2023 17:30	4.0	180	15	5.5	0.00
20/09/2023 17:40	3.8	9	17	5.6	0.00
20/09/2023 17:50	3.6	6	15	4.8	0.00
20/09/2023 18:00	3.4	6	14	5.0	0.00
20/09/2023 18:10	3.1	4	15	4.4	0.00
20/09/2023 18:20	3.2	5	16	4.5	0.00
20/09/2023 18:30	2.9	10	15	4.3	0.00
20/09/2023 18:40	2.8	16	14	4.6	0.00
20/09/2023 18:50	3.2	11	13	4.4	0.00
20/09/2023 19:00	2.8	27	13	4.4	0.00
20/09/2023 19:10	3.4	22	17	5.2	0.00
20/09/2023 19:20	2.9	15	17	5.0	0.00
20/09/2023 19:30	2.9	20	18	4.7	0.00
20/09/2023 19:40	1.9	329	24	3.7	0.00
20/09/2023 19:50	2.0	325	20	3.7	0.00
20/09/2023 20:00	1.8	345	21	3.8	0.00
20/09/2023 20:10	2.1	331	23	3.7	0.00
20/09/2023 20:20	2.7	332	18	4.9	0.00
20/09/2023 20:30	3.1	341	23	4.9	0.00
20/09/2023 20:40	2.6	335	21	4.2	0.00
20/09/2023 20:50	2.7	337	25	4.4	0.00
20/09/2023 21:00	3.5	312	19	6.4	0.00
20/09/2023 21:10	3.0	326	20	4.7	0.00
20/09/2023 21:20	3.2	317	16	5.2	0.00
20/09/2023 21:30	3.0	314	20	5.2	0.00
20/09/2023 21:40	2.9	314	19	4.8	0.00
20/09/2023 21:50	3.2	308	17	5.6	0.00
20/09/2023 22:00	3.3	313	17	5.6	0.00
20/09/2023 22:10	3.9	302	15	6.0	0.00
20/09/2023 22:20	2.7	313	20	5.5	0.00
20/09/2023 22:30	4.2	304	11	6.1	0.00
20/09/2023 22:40	3.3	307	18	6.2	0.00
20/09/2023 22:50	4.3	303	12	6.4	0.00
20/09/2023 23:00	5.0	297	9	6.6	0.00
20/09/2023 23:10	4.6	296	10	6.2	0.00
20/09/2023 23:20	4.8	298	12	6.3	0.00
20/09/2023 23:30	4.7	296	11	6.4	0.00
20/09/2023 23:40	4.5	297	14	6.2	0.00
20/09/2023 23:50	4.7	295	10	6.5	0.00
21/09/2023 00:00	4.6	291	13	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 00:10	4.1	289	12	6.0	0.00
21/09/2023 00:20	4.2	295	11	6.0	0.00
21/09/2023 00:30	4.8	296	10	6.0	0.00
21/09/2023 00:40	3.7	297	12	5.7	0.00
21/09/2023 00:50	3.3	295	10	4.7	0.00
21/09/2023 01:00	2.7	280	15	4.4	0.00
21/09/2023 01:10	2.5	275	14	3.8	0.00
21/09/2023 01:20	2.8	280	15	4.0	0.00
21/09/2023 01:30	2.2	272	14	3.5	0.00
21/09/2023 01:40	2.7	265	10	3.7	0.00
21/09/2023 01:50	2.3	263	10	3.2	0.00
21/09/2023 02:00	2.4	259	8	3.6	0.00
21/09/2023 02:10	2.5	263	9	3.4	0.00
21/09/2023 02:20	2.7	259	8	3.6	0.00
21/09/2023 02:30	2.8	257	10	4.6	0.00
21/09/2023 02:40	3.2	262	9	4.5	0.00
21/09/2023 02:50	3.2	260	11	4.2	0.00
21/09/2023 03:00	3.1	260	10	4.8	0.00
21/09/2023 03:10	2.5	256	11	3.6	0.00
21/09/2023 03:20	1.9	237	15	3.5	0.00
21/09/2023 03:30	1.3	244	12	2.0	0.00
21/09/2023 03:40	1.4	240	14	2.3	0.00
21/09/2023 03:50	1.6	229	18	2.4	0.00
21/09/2023 04:00	2.2	221	18	2.8	0.00
21/09/2023 04:10	2.1	222	17	3.3	0.00
21/09/2023 04:20	2.1	227	16	3.1	0.00
21/09/2023 04:30	2.2	233	12	3.0	0.00
21/09/2023 04:40	1.9	221	16	2.6	0.00
21/09/2023 04:50	2.3	220	18	3.1	0.00
21/09/2023 05:00	1.9	226	16	3.0	0.00
21/09/2023 05:10	2.1	226	17	3.3	0.00
21/09/2023 05:20	2.0	229	14	3.0	0.00
21/09/2023 05:30	2.2	231	14	3.3	0.00
21/09/2023 05:40	2.1	230	14	3.2	0.00
21/09/2023 05:50	1.7	230	19	2.4	0.00
21/09/2023 06:00	1.9	232	16	2.7	0.00
21/09/2023 06:10	1.8	236	13	2.8	0.00
21/09/2023 06:20	2.1	223	14	2.8	0.00
21/09/2023 06:30	1.3	220	20	1.9	0.00
21/09/2023 06:40	1.1	224	18	2.0	0.00
21/09/2023 06:50	1.3	220	15	1.9	0.00
21/09/2023 07:00	0.7	222	16	1.6	0.00
21/09/2023 07:10	0.8	210	40	1.4	0.00
21/09/2023 07:20	0.7	187	62	1.5	0.00
21/09/2023 07:30	0.6	112	73	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 07:40	0.5	183	52	1.5	0.00
21/09/2023 07:50	0.3	96	51	1.3	0.00
21/09/2023 08:00	1.5	146	60	2.5	0.00
21/09/2023 08:10	1.6	163	58	3.3	0.00
21/09/2023 08:20	1.6	194	44	2.5	0.00
21/09/2023 08:30	1.6	208	52	3.0	0.00
21/09/2023 08:40	2.0	189	38	3.2	0.00
21/09/2023 08:50	2.1	226	34	3.3	0.00
21/09/2023 09:00	1.6	212	59	2.8	0.00
21/09/2023 09:10	1.9	170	67	3.3	0.00
21/09/2023 09:20	1.7	223	59	2.8	0.00
21/09/2023 09:30	1.9	242	25	2.9	0.00
21/09/2023 09:40	1.8	224	32	3.0	0.00
21/09/2023 09:50	2.2	248	27	4.1	0.00
21/09/2023 10:00	2.4	247	24	4.0	0.00
21/09/2023 10:10	3.0	271	20	4.0	0.00
21/09/2023 10:20	3.3	253	14	4.7	0.00
21/09/2023 10:30	3.9	260	14	5.3	0.00
21/09/2023 10:40	3.7	251	14	5.1	0.00
21/09/2023 10:50	3.5	252	18	5.0	0.00
21/09/2023 11:00	3.8	250	12	5.5	0.00
21/09/2023 11:10	4.0	242	14	5.3	0.00
21/09/2023 11:20	4.6	248	13	5.8	0.00
21/09/2023 11:30	4.2	258	13	5.8	0.00
21/09/2023 11:40	4.7	262	14	6.0	0.00
21/09/2023 11:50	4.4	253	14	5.7	0.00
21/09/2023 12:00	4.4	258	14	6.0	0.00
21/09/2023 12:10	4.8	266	14	6.2	0.00
21/09/2023 12:20	4.7	262	16	6.0	0.00
21/09/2023 12:30	4.3	262	15	6.3	0.00
21/09/2023 12:40	4.3	259	15	6.4	0.00
21/09/2023 12:50	4.9	248	14	6.8	0.00
21/09/2023 13:00	5.2	252	14	6.8	0.00
21/09/2023 13:10	4.9	249	13	6.5	0.00
21/09/2023 13:20	5.2	254	14	7.4	0.00
21/09/2023 13:30	5.1	262	14	7.0	0.00
21/09/2023 13:40	5.2	260	13	6.9	0.00
21/09/2023 13:50	5.4	265	12	6.9	0.00
21/09/2023 14:00	5.2	269	18	7.1	0.00
21/09/2023 14:10	5.0	274	15	6.4	0.00
21/09/2023 14:20	5.2	266	15	7.3	0.00
21/09/2023 14:30	5.3	270	15	7.1	0.00
21/09/2023 14:40	5.4	266	14	7.4	0.00
21/09/2023 14:50	5.2	265	13	7.0	0.00
21/09/2023 15:00	5.6	267	14	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 15:10	5.6	265	12	7.4	0.00
21/09/2023 15:20	5.1	272	14	7.5	0.00
21/09/2023 15:30	5.3	267	13	7.1	0.00
21/09/2023 15:40	5.2	268	15	7.0	0.00
21/09/2023 15:50	5.4	263	11	6.9	0.00
21/09/2023 16:00	5.1	265	14	6.6	0.00
21/09/2023 16:10	5.2	266	15	7.2	0.00
21/09/2023 16:20	4.7	266	13	6.3	0.00
21/09/2023 16:30	4.7	262	12	6.8	0.00
21/09/2023 16:40	4.8	266	15	6.4	0.00
21/09/2023 16:50	5.2	262	13	7.0	0.00
21/09/2023 17:00	4.6	262	11	6.6	0.00
21/09/2023 17:10	4.6	264	12	6.1	0.00
21/09/2023 17:20	4.6	263	13	6.0	0.00
21/09/2023 17:30	4.5	263	12	6.0	0.00
21/09/2023 17:40	5.0	262	11	6.3	0.00
21/09/2023 17:50	5.0	263	9	6.2	0.00
21/09/2023 18:00	4.3	265	10	5.6	0.00
21/09/2023 18:10	4.4	264	11	6.0	0.00
21/09/2023 18:20	4.5	263	11	6.0	0.00
21/09/2023 18:30	4.4	261	10	5.8	0.00
21/09/2023 18:40	4.1	256	11	5.7	0.00
21/09/2023 18:50	3.8	258	11	4.9	0.00
21/09/2023 19:00	4.0	262	10	5.1	0.00
21/09/2023 19:10	3.3	257	13	4.5	0.00
21/09/2023 19:20	3.3	260	10	4.4	0.00
21/09/2023 19:30	3.0	249	12	4.0	0.00
21/09/2023 19:40	2.5	249	11	3.3	0.00
21/09/2023 19:50	2.1	243	11	2.8	0.00
21/09/2023 20:00	2.3	252	13	3.2	0.00
21/09/2023 20:10	2.6	254	12	3.2	0.00
21/09/2023 20:20	2.6	255	10	3.5	0.00
21/09/2023 20:30	2.7	252	11	3.4	0.00
21/09/2023 20:40	2.8	251	11	3.9	0.00
21/09/2023 20:50	2.6	256	10	3.4	0.00
21/09/2023 21:00	2.5	253	11	3.3	0.00
21/09/2023 21:10	2.7	249	12	3.6	0.00
21/09/2023 21:20	2.6	249	14	3.6	0.00
21/09/2023 21:30	2.4	246	13	3.3	0.00
21/09/2023 21:40	2.8	253	12	3.9	0.00
21/09/2023 21:50	2.8	257	11	4.0	0.00
21/09/2023 22:00	2.7	252	12	3.6	0.00
21/09/2023 22:10	2.8	254	11	3.6	0.00
21/09/2023 22:20	2.8	255	9	3.7	0.00
21/09/2023 22:30	2.4	249	10	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 22:40	2.3	249	12	3.3	0.00
21/09/2023 22:50	2.9	257	11	4.0	0.00
21/09/2023 23:00	3.4	258	9	4.8	0.00
21/09/2023 23:10	3.8	254	9	4.9	0.00
21/09/2023 23:20	3.9	256	9	4.8	0.00
21/09/2023 23:30	4.0	253	10	5.2	0.00
21/09/2023 23:40	4.0	253	9	4.8	0.00
21/09/2023 23:50	3.8	254	10	4.9	0.00
22/09/2023 00:00	4.1	256	10	5.6	0.00
22/09/2023 00:10	4.3	256	11	5.4	0.00
22/09/2023 00:20	4.3	256	10	5.7	0.00
22/09/2023 00:30	3.6	251	10	4.8	0.00
22/09/2023 00:40	3.5	245	11	4.7	0.00
22/09/2023 00:50	3.4	245	13	4.8	0.00
22/09/2023 01:00	3.6	244	11	5.1	0.00
22/09/2023 01:10	3.9	249	13	5.4	0.00
22/09/2023 01:20	3.7	248	11	5.3	0.00
22/09/2023 01:30	3.2	246	12	4.9	0.00
22/09/2023 01:40	3.8	255	13	6.1	0.00
22/09/2023 01:50	3.5	254	13	5.1	0.00
22/09/2023 02:00	3.0	250	11	4.2	0.00
22/09/2023 02:10	3.8	245	12	5.2	0.00
22/09/2023 02:20	3.9	247	13	5.7	0.00
22/09/2023 02:30	3.8	251	11	5.0	0.00
22/09/2023 02:40	4.0	254	12	6.0	0.00
22/09/2023 02:50	3.9	254	11	6.0	0.00
22/09/2023 03:00	4.0	253	12	5.7	0.00
22/09/2023 03:10	3.4	254	11	4.9	0.00
22/09/2023 03:20	4.1	256	10	5.6	0.00
22/09/2023 03:30	4.5	253	11	5.9	0.00
22/09/2023 03:40	3.5	247	13	4.9	0.00
22/09/2023 03:50	2.0	237	13	3.2	0.00
22/09/2023 04:00	1.9	245	11	3.4	0.00
22/09/2023 04:10	2.3	256	10	3.6	0.00
22/09/2023 04:20	2.5	251	10	3.6	0.00
22/09/2023 04:30	2.4	251	11	3.7	0.00
22/09/2023 04:40	2.3	252	10	3.2	0.00
22/09/2023 04:50	3.0	254	11	4.4	0.00
22/09/2023 05:00	2.9	253	10	4.2	0.00
22/09/2023 05:10	2.5	248	11	3.5	0.00
22/09/2023 05:20	1.2	239	12	2.8	0.00
22/09/2023 05:30	0.5	231	8	1.7	0.00
22/09/2023 05:40	1.7	246	13	2.8	0.00
22/09/2023 05:50	2.6	244	12	3.7	0.00
22/09/2023 06:00	2.2	240	14	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 06:10	1.0	225	15	2.2	0.00
22/09/2023 06:20	0.0	231	1	0.4	0.00
22/09/2023 06:30	0.2	228	6	1.3	0.00
22/09/2023 06:40	0.0	222	3	0.4	0.00
22/09/2023 06:50	0.1	161	4	1.2	0.00
22/09/2023 07:00	1.7	223	16	2.5	0.00
22/09/2023 07:10	1.9	223	17	2.7	0.00
22/09/2023 07:20	1.6	219	17	2.4	0.00
22/09/2023 07:30	1.4	232	18	1.9	0.00
22/09/2023 07:40	1.3	212	33	2.1	0.00
22/09/2023 07:50	1.1	218	28	1.8	0.00
22/09/2023 08:00	1.1	229	18	1.9	0.00
22/09/2023 08:10	1.2	179	41	2.1	0.00
22/09/2023 08:20	1.2	218	48	2.4	0.00
22/09/2023 08:30	1.3	203	49	2.2	0.00
22/09/2023 08:40	1.6	230	21	2.6	0.00
22/09/2023 08:50	1.6	210	32	2.6	0.00
22/09/2023 09:00	1.8	203	38	2.6	0.00
22/09/2023 09:10	1.6	209	31	2.5	0.00
22/09/2023 09:20	1.4	181	55	2.2	0.00
22/09/2023 09:30	1.7	219	38	2.7	0.00
22/09/2023 09:40	1.9	252	32	3.3	0.00
22/09/2023 09:50	2.1	240	19	3.3	0.00
22/09/2023 10:00	1.5	228	40	2.9	0.00
22/09/2023 10:10	2.0	285	30	3.3	0.00
22/09/2023 10:20	2.2	312	18	3.6	0.00
22/09/2023 10:30	3.0	297	10	3.9	0.00
22/09/2023 10:40	2.8	294	13	3.8	0.00
22/09/2023 10:50	2.6	294	15	4.0	0.00
22/09/2023 11:00	2.3	293	31	3.2	0.00
22/09/2023 11:10	2.3	296	31	3.5	0.00
22/09/2023 11:20	3.1	300	14	4.5	0.00
22/09/2023 11:30	2.9	300	14	4.0	0.00
22/09/2023 11:40	3.0	305	15	4.0	0.00
22/09/2023 11:50	3.3	295	11	4.6	0.00
22/09/2023 12:00	3.4	296	11	4.8	0.00
22/09/2023 12:10	3.5	301	13	4.4	0.00
22/09/2023 12:20	3.8	301	14	5.2	0.00
22/09/2023 12:30	3.9	300	10	5.0	0.00
22/09/2023 12:40	4.2	297	8	5.3	0.00
22/09/2023 12:50	4.2	294	10	5.3	0.00
22/09/2023 13:00	4.2	295	9	5.2	0.00
22/09/2023 13:10	4.0	299	11	5.1	0.00
22/09/2023 13:20	4.0	295	10	4.8	0.00
22/09/2023 13:30	3.9	299	10	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 13:40	4.0	301	13	5.3	0.00
22/09/2023 13:50	3.5	313	15	4.9	0.00
22/09/2023 14:00	3.3	309	15	4.4	0.00
22/09/2023 14:10	3.0	290	16	4.7	0.00
22/09/2023 14:20	3.3	294	16	4.7	0.00
22/09/2023 14:30	3.4	280	16	4.8	0.00
22/09/2023 14:40	4.0	270	16	5.6	0.00
22/09/2023 14:50	4.1	266	16	5.7	0.00
22/09/2023 15:00	3.9	277	15	5.3	0.00
22/09/2023 15:10	4.6	281	14	6.6	0.00
22/09/2023 15:20	4.6	279	14	6.0	0.00
22/09/2023 15:30	4.7	280	11	6.0	0.00
22/09/2023 15:40	4.5	277	16	6.0	0.00
22/09/2023 15:50	4.1	273	15	5.4	0.00
22/09/2023 16:00	3.9	267	15	5.4	0.00
22/09/2023 16:10	4.2	265	15	5.7	0.00
22/09/2023 16:20	4.3	263	14	6.0	0.00
22/09/2023 16:30	4.5	267	12	6.0	0.00
22/09/2023 16:40	4.6	258	9	5.8	0.00
22/09/2023 16:50	4.7	265	10	5.9	0.00
22/09/2023 17:00	4.2	263	14	5.6	0.00
22/09/2023 17:10	3.9	267	14	5.7	0.00
22/09/2023 17:20	4.5	268	14	6.3	0.00
22/09/2023 17:30	4.5	270	15	5.8	0.00
22/09/2023 17:40	4.9	265	13	6.4	0.00
22/09/2023 17:50	4.3	260	11	5.7	0.00
22/09/2023 18:00	3.8	260	11	4.9	0.00
22/09/2023 18:10	3.6	260	12	5.1	0.00
22/09/2023 18:20	4.3	262	12	5.9	0.00
22/09/2023 18:30	3.8	254	12	5.0	0.00
22/09/2023 18:40	2.9	248	14	4.4	0.00
22/09/2023 18:50	2.8	243	13	3.6	0.00
22/09/2023 19:00	3.8	258	11	4.9	0.00
22/09/2023 19:10	4.0	260	9	5.5	0.00
22/09/2023 19:20	3.9	262	10	5.0	0.00
22/09/2023 19:30	3.5	263	10	4.4	0.00
22/09/2023 19:40	3.3	259	11	4.3	0.00
22/09/2023 19:50	3.1	257	9	4.0	0.00
22/09/2023 20:00	3.6	259	8	4.5	0.00
22/09/2023 20:10	3.3	257	11	4.4	0.00
22/09/2023 20:20	3.3	263	8	4.4	0.00
22/09/2023 20:30	3.1	261	9	4.0	0.00
22/09/2023 20:40	3.2	255	11	4.4	0.00
22/09/2023 20:50	3.7	256	12	5.0	0.00
22/09/2023 21:00	4.4	259	10	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 21:10	4.9	262	9	6.4	0.00
22/09/2023 21:20	5.1	260	10	6.4	0.00
22/09/2023 21:30	4.6	259	10	6.0	0.00
22/09/2023 21:40	4.9	262	9	6.5	0.00
22/09/2023 21:50	4.1	259	9	5.2	0.00
22/09/2023 22:00	3.8	256	11	4.9	0.00
22/09/2023 22:10	3.5	253	11	4.9	0.00
22/09/2023 22:20	3.7	256	10	5.1	0.00
22/09/2023 22:30	3.4	258	11	4.1	0.00
22/09/2023 22:40	4.1	259	11	5.2	0.00
22/09/2023 22:50	4.5	259	11	6.0	0.00
22/09/2023 23:00	4.2	255	12	5.6	0.00
22/09/2023 23:10	3.2	246	12	4.6	0.00
22/09/2023 23:20	3.7	252	12	4.8	0.00
22/09/2023 23:30	3.8	259	11	5.3	0.00
22/09/2023 23:40	3.4	260	12	4.4	0.00
22/09/2023 23:50	3.5	257	11	4.8	0.00
23/09/2023 00:00	4.0	257	11	5.2	0.00
23/09/2023 00:10	4.2	256	10	5.5	0.00
23/09/2023 00:20	4.0	260	10	5.1	0.00
23/09/2023 00:30	4.0	261	9	5.1	0.00
23/09/2023 00:40	3.7	259	10	5.0	0.00
23/09/2023 00:50	3.8	256	10	5.5	0.00
23/09/2023 01:00	4.2	255	9	5.5	0.00
23/09/2023 01:10	3.4	256	9	4.5	0.00
23/09/2023 01:20	3.7	257	10	4.8	0.00
23/09/2023 01:30	3.0	253	11	4.4	0.00
23/09/2023 01:40	3.4	255	11	4.8	0.00
23/09/2023 01:50	3.5	259	9	4.6	0.00
23/09/2023 02:00	3.8	261	9	4.8	0.00
23/09/2023 02:10	3.5	261	10	4.6	0.00
23/09/2023 02:20	3.5	260	9	4.7	0.00
23/09/2023 02:30	3.2	261	10	4.0	0.00
23/09/2023 02:40	2.8	259	9	3.9	0.00
23/09/2023 02:50	2.6	255	11	3.5	0.00
23/09/2023 03:00	2.6	259	9	3.6	0.00
23/09/2023 03:10	2.6	251	10	3.6	0.00
23/09/2023 03:20	3.1	252	10	4.4	0.00
23/09/2023 03:30	3.2	257	10	4.4	0.00
23/09/2023 03:40	3.1	253	11	4.4	0.00
23/09/2023 03:50	3.1	256	11	4.0	0.00
23/09/2023 04:00	2.9	253	10	3.7	0.00
23/09/2023 04:10	3.1	260	9	3.8	0.00
23/09/2023 04:20	3.0	260	10	3.9	0.00
23/09/2023 04:30	2.1	258	12	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 04:40	2.2	257	12	3.2	0.00
23/09/2023 04:50	2.7	258	10	3.5	0.00
23/09/2023 05:00	2.4	256	11	3.1	0.00
23/09/2023 05:10	2.0	252	11	2.8	0.00
23/09/2023 05:20	1.9	253	10	2.6	0.00
23/09/2023 05:30	1.9	250	10	2.6	0.00
23/09/2023 05:40	1.6	249	13	2.4	0.00
23/09/2023 05:50	1.6	258	13	2.3	0.00
23/09/2023 06:00	2.5	264	9	3.2	0.00
23/09/2023 06:10	2.4	262	8	3.0	0.00
23/09/2023 06:20	2.2	259	10	2.9	0.00
23/09/2023 06:30	2.6	257	9	3.2	0.00
23/09/2023 06:40	2.2	256	8	3.0	0.00
23/09/2023 06:50	2.0	248	11	2.8	0.00
23/09/2023 07:00	2.4	248	11	3.2	0.00
23/09/2023 07:10	2.4	245	13	3.2	0.00
23/09/2023 07:20	2.3	232	11	3.1	0.00
23/09/2023 07:30	2.5	245	11	3.2	0.00
23/09/2023 07:40	2.5	240	13	3.5	0.00
23/09/2023 07:50	2.4	220	13	3.1	0.00
23/09/2023 08:00	2.1	222	14	3.1	0.00
23/09/2023 08:10	2.1	227	18	3.1	0.00
23/09/2023 08:20	2.0	224	21	3.2	0.00
23/09/2023 08:30	2.5	236	16	3.4	0.00
23/09/2023 08:40	2.2	226	20	3.5	0.00
23/09/2023 08:50	2.8	237	17	3.8	0.00
23/09/2023 09:00	2.9	238	13	4.1	0.00
23/09/2023 09:10	2.7	233	18	4.2	0.00
23/09/2023 09:20	2.7	234	16	4.0	0.00
23/09/2023 09:30	2.9	224	17	4.2	0.00
23/09/2023 09:40	2.9	230	26	4.3	0.00
23/09/2023 09:50	2.6	239	17	3.9	0.00
23/09/2023 10:00	2.6	235	23	3.8	0.00
23/09/2023 10:10	2.9	242	18	3.6	0.00
23/09/2023 10:20	2.5	257	23	3.6	0.00
23/09/2023 10:30	2.5	254	18	3.2	0.00
23/09/2023 10:40	2.1	238	26	3.6	0.00
23/09/2023 10:50	2.1	242	21	3.6	0.00
23/09/2023 11:00	2.7	258	22	3.9	0.00
23/09/2023 11:10	2.8	273	18	4.3	0.00
23/09/2023 11:20	2.8	284	21	3.9	0.00
23/09/2023 11:30	3.9	275	15	5.2	0.00
23/09/2023 11:40	4.4	280	15	5.5	0.00
23/09/2023 11:50	4.6	279	15	6.2	0.00
23/09/2023 12:00	4.1	270	15	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 12:10	4.1	270	17	6.0	0.00
23/09/2023 12:20	4.1	281	18	5.6	0.00
23/09/2023 12:30	4.8	262	12	6.2	0.00
23/09/2023 12:40	4.8	265	13	6.6	0.00
23/09/2023 12:50	5.0	264	13	6.8	0.00
23/09/2023 13:00	4.8	267	18	6.0	0.00
23/09/2023 13:10	5.0	268	15	7.1	0.00
23/09/2023 13:20	5.7	263	13	7.7	0.00
23/09/2023 13:30	5.2	271	17	7.5	0.00
23/09/2023 13:40	5.6	269	12	7.9	0.00
23/09/2023 13:50	5.3	270	13	6.9	0.00
23/09/2023 14:00	5.5	265	14	7.1	0.00
23/09/2023 14:10	6.3	264	12	8.7	0.00
23/09/2023 14:20	5.8	260	11	7.7	0.00
23/09/2023 14:30	5.4	258	13	7.2	0.00
23/09/2023 14:40	5.2	256	10	6.4	0.00
23/09/2023 14:50	5.9	260	13	8.3	0.00
23/09/2023 15:00	5.8	262	12	8.0	0.00
23/09/2023 15:10	6.3	260	13	8.3	0.00
23/09/2023 15:20	5.1	258	13	7.6	0.00
23/09/2023 15:30	5.7	264	10	8.7	0.00
23/09/2023 15:40	6.1	260	12	7.9	0.00
23/09/2023 15:50	6.2	265	11	7.8	0.00
23/09/2023 16:00	6.2	264	10	8.1	0.00
23/09/2023 16:10	6.1	261	12	7.9	0.00
23/09/2023 16:20	6.7	263	9	9.5	0.00
23/09/2023 16:30	7.1	264	11	9.1	0.00
23/09/2023 16:40	6.6	262	10	8.7	0.00
23/09/2023 16:50	6.5	259	12	8.6	0.00
23/09/2023 17:00	6.5	262	10	8.7	0.00
23/09/2023 17:10	6.0	259	11	7.9	0.00
23/09/2023 17:20	5.9	260	12	8.6	0.00
23/09/2023 17:30	5.6	262	12	7.9	0.00
23/09/2023 17:40	5.4	257	11	7.4	0.00
23/09/2023 17:50	4.9	258	12	7.2	0.00
23/09/2023 18:00	4.8	260	12	7.0	0.00
23/09/2023 18:10	5.2	262	11	6.8	0.00
23/09/2023 18:20	5.3	265	11	6.7	0.00
23/09/2023 18:30	5.2	264	10	6.8	0.00
23/09/2023 18:40	5.1	265	11	6.6	0.00
23/09/2023 18:50	5.2	265	10	7.3	0.00
23/09/2023 19:00	5.1	264	10	6.4	0.00
23/09/2023 19:10	5.5	263	9	6.9	0.00
23/09/2023 19:20	5.4	264	9	7.2	0.00
23/09/2023 19:30	4.2	261	11	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 19:40	4.4	261	11	6.4	0.00
23/09/2023 19:50	4.4	260	11	6.7	0.00
23/09/2023 20:00	4.9	259	12	6.8	0.00
23/09/2023 20:10	4.8	257	12	6.7	0.00
23/09/2023 20:20	4.5	256	12	6.4	0.00
23/09/2023 20:30	4.5	254	12	6.4	0.00
23/09/2023 20:40	4.7	258	12	6.4	0.00
23/09/2023 20:50	4.0	247	14	6.0	0.00
23/09/2023 21:00	3.9	248	13	5.5	0.00
23/09/2023 21:10	4.0	255	12	5.3	0.00
23/09/2023 21:20	3.3	249	13	4.4	0.00
23/09/2023 21:30	2.2	245	15	3.2	0.00
23/09/2023 21:40	2.6	241	14	4.0	0.00
23/09/2023 21:50	3.4	240	14	4.8	0.00
23/09/2023 22:00	3.5	238	14	4.8	0.00
23/09/2023 22:10	3.3	233	16	5.4	0.00
23/09/2023 22:20	3.4	234	15	5.2	0.00
23/09/2023 22:30	3.0	229	18	4.4	0.00
23/09/2023 22:40	2.9	226	15	4.2	0.00
23/09/2023 22:50	3.4	230	21	5.0	0.00
23/09/2023 23:00	3.5	226	15	5.2	0.00
23/09/2023 23:10	3.5	218	19	4.6	0.00
23/09/2023 23:20	3.5	222	14	5.0	0.00
23/09/2023 23:30	2.8	222	19	4.1	0.00
23/09/2023 23:40	3.2	218	16	4.1	0.00
23/09/2023 23:50	3.1	218	21	4.8	0.00
24/09/2023 00:00	3.2	220	19	4.2	0.00
24/09/2023 00:10	2.8	222	31	4.0	0.00
24/09/2023 00:20	2.5	222	42	3.6	0.00
24/09/2023 00:30	2.4	217	37	4.0	0.00
24/09/2023 00:40	2.3	218	55	4.0	0.00
24/09/2023 00:50	2.5	228	54	3.6	0.00
24/09/2023 01:00	3.2	222	32	5.1	0.00
24/09/2023 01:10	3.1	220	33	4.7	0.00
24/09/2023 01:20	3.2	222	21	4.4	0.00
24/09/2023 01:30	2.9	218	19	4.0	0.00
24/09/2023 01:40	2.8	218	23	4.0	0.00
24/09/2023 01:50	2.6	220	27	4.0	0.00
24/09/2023 02:00	2.4	221	22	3.2	0.00
24/09/2023 02:10	2.3	220	23	3.6	0.00
24/09/2023 02:20	2.0	222	31	3.2	0.00
24/09/2023 02:30	1.6	229	61	2.8	0.00
24/09/2023 02:40	1.4	222	53	2.4	0.00
24/09/2023 02:50	1.4	260	78	2.3	0.00
24/09/2023 03:00	1.5	249	80	2.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 03:10	1.5	300	82	2.4	0.00
24/09/2023 03:20	1.4	29	76	2.4	0.00
24/09/2023 03:30	1.5	355	90	2.4	0.00
24/09/2023 03:40	1.3	189	91	2.2	0.00
24/09/2023 03:50	1.2	34	80	2.0	0.00
24/09/2023 04:00	1.3	223	71	2.1	0.00
24/09/2023 04:10	1.5	133	66	2.4	0.00
24/09/2023 04:20	1.7	135	42	2.9	0.00
24/09/2023 04:30	1.3	249	88	2.6	0.00
24/09/2023 04:40	1.4	140	66	2.8	0.00
24/09/2023 04:50	1.7	138	41	2.7	0.00
24/09/2023 05:00	1.4	137	39	2.5	0.00
24/09/2023 05:10	0.9	216	69	1.9	0.00
24/09/2023 05:20	1.6	255	19	2.4	0.00
24/09/2023 05:30	1.6	267	15	2.2	0.00
24/09/2023 05:40	1.5	280	15	2.2	0.00
24/09/2023 05:50	0.9	281	13	1.6	0.00
24/09/2023 06:00	1.2	294	12	1.6	0.00
24/09/2023 06:10	1.4	295	14	2.0	0.00
24/09/2023 06:20	0.8	309	22	1.4	0.00
24/09/2023 06:30	1.0	312	15	1.5	0.00
24/09/2023 06:40	1.6	281	17	2.4	0.00
24/09/2023 06:50	0.8	280	24	1.3	0.00
24/09/2023 07:00	1.1	238	24	1.6	0.00
24/09/2023 07:10	1.1	248	30	1.8	0.00
24/09/2023 07:20	0.6	118	33	1.2	0.00
24/09/2023 07:30	0.6	283	78	1.4	0.00
24/09/2023 07:40	1.0	283	49	1.6	0.00
24/09/2023 07:50	1.0	247	30	1.3	0.00
24/09/2023 08:00	0.5	271	52	1.3	0.00
24/09/2023 08:10	1.2	183	41	2.2	0.00
24/09/2023 08:20	1.2	165	51	2.1	0.00
24/09/2023 08:30	1.9	124	20	3.0	0.00
24/09/2023 08:40	2.2	127	23	3.3	0.00
24/09/2023 08:50	2.4	139	19	3.8	0.00
24/09/2023 09:00	2.8	122	19	4.3	0.00
24/09/2023 09:10	2.4	124	21	4.0	0.00
24/09/2023 09:20	2.6	125	24	4.4	0.00
24/09/2023 09:30	2.2	117	25	3.5	0.00
24/09/2023 09:40	2.4	132	20	4.0	0.00
24/09/2023 09:50	2.6	136	19	3.9	0.00
24/09/2023 10:00	2.5	126	28	4.1	0.00
24/09/2023 10:10	2.7	127	22	4.0	0.00
24/09/2023 10:20	1.8	134	37	3.2	0.00
24/09/2023 10:30	1.8	135	50	2.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 10:40	2.9	233	38	4.5	0.00
24/09/2023 10:50	2.4	286	20	3.2	0.00
24/09/2023 11:00	3.2	296	13	4.4	0.00
24/09/2023 11:10	3.5	283	17	4.6	0.00
24/09/2023 11:20	3.3	288	15	4.6	0.00
24/09/2023 11:30	3.5	290	13	4.4	0.00
24/09/2023 11:40	3.4	298	10	4.8	0.00
24/09/2023 11:50	3.7	297	11	4.8	0.00
24/09/2023 12:00	3.8	293	10	5.1	0.00
24/09/2023 12:10	3.9	301	11	4.9	0.00
24/09/2023 12:20	3.6	299	15	5.0	0.00
24/09/2023 12:30	3.9	298	12	4.8	0.00
24/09/2023 12:40	4.0	300	11	5.2	0.00
24/09/2023 12:50	4.6	299	10	5.8	0.00
24/09/2023 13:00	4.8	294	10	6.1	0.00
24/09/2023 13:10	4.8	288	13	6.7	0.00
24/09/2023 13:20	5.0	283	16	6.5	0.00
24/09/2023 13:30	5.1	277	14	6.8	0.00
24/09/2023 13:40	5.1	271	17	6.9	0.00
24/09/2023 13:50	5.4	261	13	6.8	0.00
24/09/2023 14:00	5.6	261	14	7.5	0.00
24/09/2023 14:10	5.4	265	12	6.8	0.00
24/09/2023 14:20	6.0	262	11	7.3	0.00
24/09/2023 14:30	5.4	265	12	7.3	0.00
24/09/2023 14:40	6.5	263	9	8.3	0.00
24/09/2023 14:50	6.9	262	9	8.4	0.00
24/09/2023 15:00	6.3	257	13	8.3	0.00
24/09/2023 15:10	5.8	258	11	7.8	0.00
24/09/2023 15:20	5.6	265	14	7.5	0.00
24/09/2023 15:30	6.3	261	12	9.0	0.00
24/09/2023 15:40	5.5	261	13	7.5	0.00
24/09/2023 15:50	6.5	261	11	8.7	0.00
24/09/2023 16:00	6.1	261	11	8.3	0.00
24/09/2023 16:10	6.6	268	12	8.7	0.00
24/09/2023 16:20	6.0	268	14	8.1	0.00
24/09/2023 16:30	6.2	263	12	8.1	0.00
24/09/2023 16:40	6.1	267	13	8.8	0.00
24/09/2023 16:50	6.4	263	9	8.3	0.00
24/09/2023 17:00	5.6	267	12	7.6	0.00
24/09/2023 17:10	5.2	266	12	7.8	0.00
24/09/2023 17:20	5.3	261	12	7.5	0.00
24/09/2023 17:30	5.7	262	12	7.9	0.00
24/09/2023 17:40	5.2	264	11	7.0	0.00
24/09/2023 17:50	4.7	264	11	6.1	0.00
24/09/2023 18:00	4.7	253	14	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 18:10	4.8	255	12	7.0	0.00
24/09/2023 18:20	5.0	255	12	6.4	0.00
24/09/2023 18:30	4.8	256	11	6.6	0.00
24/09/2023 18:40	5.2	256	11	6.9	0.00
24/09/2023 18:50	5.1	256	12	6.8	0.00
24/09/2023 19:00	5.0	254	11	7.5	0.00
24/09/2023 19:10	5.5	254	10	7.7	0.00
24/09/2023 19:20	5.1	256	11	7.2	0.00
24/09/2023 19:30	5.7	255	11	7.8	0.00
24/09/2023 19:40	5.8	259	11	8.0	0.00
24/09/2023 19:50	6.5	253	11	8.3	0.00
24/09/2023 20:00	5.6	255	11	7.5	0.00
24/09/2023 20:10	5.5	255	11	7.8	0.00
24/09/2023 20:20	5.6	258	12	7.9	0.00
24/09/2023 20:30	5.8	257	12	7.2	0.00
24/09/2023 20:40	5.8	254	12	8.2	0.00
24/09/2023 20:50	5.9	253	11	8.3	0.00
24/09/2023 21:00	5.5	255	11	7.8	0.00
24/09/2023 21:10	5.9	256	11	8.2	0.00
24/09/2023 21:20	5.7	258	12	7.5	0.00
24/09/2023 21:30	6.1	255	11	8.3	0.00
24/09/2023 21:40	6.2	254	12	8.3	0.00
24/09/2023 21:50	5.7	254	11	7.9	0.00
24/09/2023 22:00	4.2	253	12	6.0	0.00
24/09/2023 22:10	4.1	249	14	5.8	0.00
24/09/2023 22:20	4.1	249	13	6.7	0.00
24/09/2023 22:30	4.0	252	12	5.9	0.00
24/09/2023 22:40	4.3	242	12	6.3	0.00
24/09/2023 22:50	4.7	246	13	7.2	0.00
24/09/2023 23:00	5.2	247	14	7.1	0.00
24/09/2023 23:10	5.0	245	13	7.2	0.00
24/09/2023 23:20	4.9	251	14	6.7	0.00
24/09/2023 23:30	5.2	246	15	7.9	0.00
24/09/2023 23:40	5.6	246	14	8.4	0.00
24/09/2023 23:50	5.4	250	12	7.9	0.00
25/09/2023 00:00	5.5	253	13	7.2	0.00
25/09/2023 00:10	5.4	252	13	7.8	0.00
25/09/2023 00:20	5.0	250	13	7.1	0.00
25/09/2023 00:30	4.9	251	13	6.8	0.00
25/09/2023 00:40	5.8	251	12	7.5	0.00
25/09/2023 00:50	5.5	252	12	8.1	0.00
25/09/2023 01:00	5.1	250	14	7.5	0.00
25/09/2023 01:10	6.1	256	12	8.6	0.00
25/09/2023 01:20	6.0	257	13	8.3	0.00
25/09/2023 01:30	5.6	252	12	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 01:40	5.3	253	13	7.5	0.00
25/09/2023 01:50	5.6	255	12	7.9	0.00
25/09/2023 02:00	5.8	250	12	7.9	0.00
25/09/2023 02:10	5.2	253	12	6.9	0.00
25/09/2023 02:20	4.7	249	13	6.3	0.00
25/09/2023 02:30	5.0	246	13	6.9	0.00
25/09/2023 02:40	4.5	249	13	6.6	0.00
25/09/2023 02:50	4.8	246	12	7.2	0.00
25/09/2023 03:00	4.9	250	12	6.6	0.00
25/09/2023 03:10	4.8	252	12	6.7	0.00
25/09/2023 03:20	4.3	247	12	6.0	0.00
25/09/2023 03:30	3.4	247	13	5.4	0.00
25/09/2023 03:40	4.2	249	11	6.1	0.00
25/09/2023 03:50	3.9	243	13	5.6	0.00
25/09/2023 04:00	3.6	241	14	4.7	0.00
25/09/2023 04:10	3.7	241	13	5.3	0.00
25/09/2023 04:20	3.6	237	12	5.2	0.00
25/09/2023 04:30	3.5	241	14	5.6	0.00
25/09/2023 04:40	3.3	235	14	5.2	0.00
25/09/2023 04:50	3.5	236	13	5.0	0.00
25/09/2023 05:00	3.5	242	13	5.2	0.00
25/09/2023 05:10	3.5	244	13	4.9	0.00
25/09/2023 05:20	3.4	238	14	4.8	0.00
25/09/2023 05:30	3.7	240	15	5.6	0.00
25/09/2023 05:40	4.3	238	11	5.9	0.00
25/09/2023 05:50	4.5	241	12	6.5	0.00
25/09/2023 06:00	4.1	242	14	5.6	0.00
25/09/2023 06:10	3.6	244	12	5.7	0.00
25/09/2023 06:20	3.5	247	14	5.0	0.00
25/09/2023 06:30	3.5	255	10	5.2	0.00
25/09/2023 06:40	3.2	251	12	4.4	0.00
25/09/2023 06:50	2.9	247	12	4.0	0.00
25/09/2023 07:00	3.4	252	11	4.5	0.00
25/09/2023 07:10	3.3	248	12	4.5	0.00
25/09/2023 07:20	3.1	246	13	4.0	0.00
25/09/2023 07:30	3.1	249	14	4.2	0.00
25/09/2023 07:40	3.1	237	15	4.8	0.00
25/09/2023 07:50	3.9	233	14	5.6	0.00
25/09/2023 08:00	4.4	243	12	5.8	0.00
25/09/2023 08:10	4.1	241	14	5.9	0.00
25/09/2023 08:20	4.3	234	15	6.0	0.00
25/09/2023 08:30	4.4	225	15	6.0	0.00
25/09/2023 08:40	4.0	233	16	5.7	0.00
25/09/2023 08:50	4.6	236	15	7.0	0.00
25/09/2023 09:00	4.7	238	13	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 09:10	4.3	249	14	5.8	0.00
25/09/2023 09:20	4.6	240	16	6.9	0.00
25/09/2023 09:30	5.4	237	17	7.9	0.00
25/09/2023 09:40	4.8	231	13	7.9	0.00
25/09/2023 09:50	5.9	227	14	8.3	0.00
25/09/2023 10:00	5.6	228	16	7.9	0.00
25/09/2023 10:10	5.3	224	16	7.5	0.00
25/09/2023 10:20	4.8	234	15	7.0	0.00
25/09/2023 10:30	4.8	234	17	6.6	0.00
25/09/2023 10:40	5.1	228	18	7.9	0.00
25/09/2023 10:50	5.3	240	15	7.8	0.00
25/09/2023 11:00	5.6	257	13	7.9	0.00
25/09/2023 11:10	5.3	258	13	6.9	0.00
25/09/2023 11:20	5.7	263	11	7.5	0.00
25/09/2023 11:30	5.3	266	12	7.2	0.00
25/09/2023 11:40	6.0	263	12	7.5	0.00
25/09/2023 11:50	6.0	265	12	7.6	0.00
25/09/2023 12:00	6.6	262	13	8.2	0.00
25/09/2023 12:10	6.6	262	11	8.7	0.00
25/09/2023 12:20	7.0	263	10	9.1	0.00
25/09/2023 12:30	6.5	262	12	8.6	0.00
25/09/2023 12:40	6.6	258	12	8.5	0.00
25/09/2023 12:50	6.7	260	11	8.7	0.00
25/09/2023 13:00	6.6	264	13	8.4	0.00
25/09/2023 13:10	6.2	262	12	8.3	0.00
25/09/2023 13:20	7.1	261	11	9.3	0.00
25/09/2023 13:30	6.4	261	12	9.0	0.00
25/09/2023 13:40	6.5	262	13	8.6	0.00
25/09/2023 13:50	6.6	261	12	8.6	0.00
25/09/2023 14:00	6.6	263	14	8.6	0.00
25/09/2023 14:10	6.5	262	12	8.7	0.00
25/09/2023 14:20	6.8	263	11	8.7	0.00
25/09/2023 14:30	7.6	263	12	9.6	0.00
25/09/2023 14:40	7.6	263	9	9.7	0.00
25/09/2023 14:50	7.0	264	12	9.4	0.00
25/09/2023 15:00	7.0	260	11	9.2	0.00
25/09/2023 15:10	7.0	263	13	9.6	0.00
25/09/2023 15:20	8.0	263	10	9.9	0.00
25/09/2023 15:30	7.2	260	12	9.3	0.00
25/09/2023 15:40	6.9	264	12	9.7	0.00
25/09/2023 15:50	7.0	265	10	9.5	0.00
25/09/2023 16:00	7.3	264	11	9.2	0.00
25/09/2023 16:10	6.7	262	11	8.7	0.00
25/09/2023 16:20	7.3	264	11	9.0	0.00
25/09/2023 16:30	7.1	264	11	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 16:40	7.2	265	10	9.2	0.00
25/09/2023 16:50	7.4	264	9	9.3	0.00
25/09/2023 17:00	7.1	265	11	8.9	0.00
25/09/2023 17:10	6.8	263	9	9.4	0.00
25/09/2023 17:20	6.6	264	11	8.8	0.00
25/09/2023 17:30	6.1	262	11	7.8	0.00
25/09/2023 17:40	6.2	264	12	7.9	0.00
25/09/2023 17:50	5.6	260	11	8.5	0.00
25/09/2023 18:00	5.2	256	12	6.9	0.00
25/09/2023 18:10	4.6	258	12	6.9	0.00
25/09/2023 18:20	5.0	255	12	7.7	0.00
25/09/2023 18:30	4.6	258	12	6.5	0.00
25/09/2023 18:40	5.1	253	12	7.1	0.00
25/09/2023 18:50	4.4	254	13	6.9	0.00
25/09/2023 19:00	3.9	251	16	5.7	0.00
25/09/2023 19:10	4.4	254	13	6.4	0.00
25/09/2023 19:20	4.7	251	12	6.9	0.00
25/09/2023 19:30	4.4	253	14	6.6	0.00
25/09/2023 19:40	4.8	256	11	6.4	0.00
25/09/2023 19:50	4.5	255	12	6.3	0.00
25/09/2023 20:00	4.4	254	12	5.7	0.00
25/09/2023 20:10	4.4	255	12	6.4	0.00
25/09/2023 20:20	4.6	258	12	6.3	0.00
25/09/2023 20:30	4.6	256	10	6.3	0.00
25/09/2023 20:40	4.9	259	10	6.2	0.00
25/09/2023 20:50	4.3	256	10	6.2	0.00
25/09/2023 21:00	4.2	255	11	6.0	0.00
25/09/2023 21:10	4.7	256	11	5.8	0.00
25/09/2023 21:20	4.8	258	10	6.8	0.00
25/09/2023 21:30	4.3	258	9	5.6	0.00
25/09/2023 21:40	4.3	258	10	5.6	0.00
25/09/2023 21:50	3.9	258	11	5.4	0.00
25/09/2023 22:00	3.7	254	11	5.3	0.00
25/09/2023 22:10	3.5	255	11	5.4	0.00
25/09/2023 22:20	3.8	257	11	5.2	0.00
25/09/2023 22:30	3.6	258	12	4.8	0.00
25/09/2023 22:40	3.5	257	11	4.6	0.00
25/09/2023 22:50	3.7	256	8	4.8	0.00
25/09/2023 23:00	3.6	258	11	4.7	0.00
25/09/2023 23:10	3.6	257	11	4.6	0.00
25/09/2023 23:20	3.7	254	10	4.8	0.00
25/09/2023 23:30	3.3	255	11	4.4	0.00
25/09/2023 23:40	2.6	256	12	3.5	0.00
25/09/2023 23:50	2.9	253	13	3.8	0.00
26/09/2023 00:00	3.0	253	11	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 00:10	3.4	253	12	4.3	0.00
26/09/2023 00:20	3.4	254	10	4.4	0.00
26/09/2023 00:30	3.0	254	9	4.4	0.00
26/09/2023 00:40	2.6	254	12	3.5	0.00
26/09/2023 00:50	2.4	255	10	3.4	0.00
26/09/2023 01:00	2.4	257	12	3.4	0.00
26/09/2023 01:10	2.3	253	14	3.2	0.00
26/09/2023 01:20	1.7	253	13	2.5	0.00
26/09/2023 01:30	1.7	254	14	2.4	0.00
26/09/2023 01:40	1.2	247	32	2.3	0.00
26/09/2023 01:50	1.6	249	13	2.9	0.00
26/09/2023 02:00	3.8	257	9	5.1	0.00
26/09/2023 02:10	3.7	260	9	4.8	0.00
26/09/2023 02:20	4.0	260	10	5.1	0.00
26/09/2023 02:30	3.6	262	7	4.4	0.00
26/09/2023 02:40	3.8	264	9	4.7	0.00
26/09/2023 02:50	3.6	259	9	4.5	0.00
26/09/2023 03:00	3.7	260	9	4.8	0.00
26/09/2023 03:10	3.5	254	9	4.7	0.00
26/09/2023 03:20	2.9	258	10	4.0	0.00
26/09/2023 03:30	3.4	256	10	4.4	0.00
26/09/2023 03:40	4.0	258	9	5.3	0.00
26/09/2023 03:50	3.8	256	11	5.2	0.00
26/09/2023 04:00	4.4	257	11	5.7	0.00
26/09/2023 04:10	4.2	257	10	5.5	0.00
26/09/2023 04:20	3.8	254	9	5.2	0.00
26/09/2023 04:30	3.6	260	10	5.0	0.00
26/09/2023 04:40	3.0	257	9	4.1	0.00
26/09/2023 04:50	2.1	248	13	2.9	0.00
26/09/2023 05:00	1.7	257	11	2.7	0.00
26/09/2023 05:10	1.0	176	38	1.7	0.00
26/09/2023 05:20	1.6	245	16	2.4	0.00
26/09/2023 05:30	1.7	274	11	2.2	0.00
26/09/2023 05:40	1.4	269	17	2.0	0.00
26/09/2023 05:50	0.6	91	12	0.9	0.00
26/09/2023 06:00	0.3	108	6	1.1	0.00
26/09/2023 06:10	0.8	70	14	1.3	0.00
26/09/2023 06:20	0.4	119	19	0.9	0.00
26/09/2023 06:30	0.1	145	18	0.8	0.00
26/09/2023 06:40					0.00
26/09/2023 06:50	0.6	186	22	1.0	0.00
26/09/2023 07:00	0.8	66	15	1.2	0.00
26/09/2023 07:10	1.2	72	15	1.7	0.00
26/09/2023 07:20	1.3	67	15	1.6	0.00
26/09/2023 07:30	1.1	70	18	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 07:40	1.6	74	13	2.2	0.00
26/09/2023 07:50	1.5	84	14	2.2	0.00
26/09/2023 08:00	1.5	88	17	2.0	0.00
26/09/2023 08:10	1.8	112	18	2.7	0.00
26/09/2023 08:20	2.2	89	15	2.9	0.00
26/09/2023 08:30	1.6	104	20	2.4	0.00
26/09/2023 08:40	2.0	117	23	3.0	0.00
26/09/2023 08:50	2.3	129	18	3.5	0.00
26/09/2023 09:00	2.0	137	27	2.8	0.00
26/09/2023 09:10	2.0	129	26	2.9	0.00
26/09/2023 09:20	2.2	90	16	3.0	0.00
26/09/2023 09:30	2.7	87	17	4.0	0.00
26/09/2023 09:40	3.0	92	12	4.0	0.00
26/09/2023 09:50	3.1	90	12	4.3	0.00
26/09/2023 10:00	3.4	94	16	4.8	0.00
26/09/2023 10:10	3.3	86	12	4.4	0.00
26/09/2023 10:20	3.2	91	14	4.6	0.00
26/09/2023 10:30	2.4	115	24	4.0	0.00
26/09/2023 10:40	2.8	132	18	4.3	0.00
26/09/2023 10:50	2.3	127	22	4.1	0.00
26/09/2023 11:00	1.8	154	62	3.6	0.00
26/09/2023 11:10	2.4	195	48	4.4	0.00
26/09/2023 11:20	3.0	293	29	4.2	0.00
26/09/2023 11:30	3.1	303	15	4.3	0.00
26/09/2023 11:40	3.8	301	11	4.7	0.00
26/09/2023 11:50	4.2	298	10	5.6	0.00
26/09/2023 12:00	4.1	302	11	5.2	0.00
26/09/2023 12:10	4.2	302	13	5.3	0.00
26/09/2023 12:20	4.1	300	13	5.4	0.00
26/09/2023 12:30	3.5	305	18	4.8	0.00
26/09/2023 12:40	3.9	308	16	5.5	0.00
26/09/2023 12:50	3.9	312	16	5.5	0.00
26/09/2023 13:00	4.4	305	13	5.9	0.00
26/09/2023 13:10	5.7	298	10	7.4	0.00
26/09/2023 13:20	5.7	295	10	7.0	0.00
26/09/2023 13:30	4.9	302	15	6.5	0.00
26/09/2023 13:40	5.0	303	12	6.9	0.00
26/09/2023 13:50	5.7	294	11	7.3	0.00
26/09/2023 14:00	5.6	297	12	7.5	0.00
26/09/2023 14:10	5.4	296	11	6.9	0.00
26/09/2023 14:20	5.2	290	12	6.6	0.00
26/09/2023 14:30	5.1	293	13	6.8	0.00
26/09/2023 14:40	5.1	291	14	6.6	0.00
26/09/2023 14:50	5.1	296	12	6.5	0.00
26/09/2023 15:00	5.1	277	16	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 15:10	5.3	273	14	7.3	0.00
26/09/2023 15:20	4.4	278	17	6.1	0.00
26/09/2023 15:30	4.7	286	15	6.4	0.00
26/09/2023 15:40	4.8	267	15	6.5	0.00
26/09/2023 15:50	4.7	265	12	6.2	0.00
26/09/2023 16:00	4.6	257	11	6.1	0.00
26/09/2023 16:10	4.9	261	10	6.2	0.00
26/09/2023 16:20	5.0	258	12	6.8	0.00
26/09/2023 16:30	4.6	255	13	6.0	0.00
26/09/2023 16:40	4.6	257	14	6.3	0.00
26/09/2023 16:50	4.6	254	14	6.2	0.00
26/09/2023 17:00	5.2	259	13	7.3	0.00
26/09/2023 17:10	5.6	254	11	7.5	0.00
26/09/2023 17:20	5.9	258	12	8.1	0.00
26/09/2023 17:30	5.9	260	11	7.5	0.00
26/09/2023 17:40	5.1	263	10	6.7	0.00
26/09/2023 17:50	4.9	256	12	6.5	0.00
26/09/2023 18:00	5.3	255	12	7.5	0.00
26/09/2023 18:10	5.1	258	12	6.7	0.00
26/09/2023 18:20	4.9	257	10	6.8	0.00
26/09/2023 18:30	4.8	258	12	6.8	0.00
26/09/2023 18:40	4.4	256	11	6.2	0.00
26/09/2023 18:50	4.9	259	12	6.7	0.00
26/09/2023 19:00	4.4	254	12	5.9	0.00
26/09/2023 19:10	5.0	253	12	7.5	0.00
26/09/2023 19:20	5.2	253	11	7.2	0.00
26/09/2023 19:30	6.0	257	12	8.2	0.00
26/09/2023 19:40	5.1	254	12	7.2	0.00
26/09/2023 19:50	5.3	254	13	7.5	0.00
26/09/2023 20:00	5.3	254	10	7.4	0.00
26/09/2023 20:10	4.9	248	12	6.9	0.00
26/09/2023 20:20	4.6	255	12	6.0	0.00
26/09/2023 20:30	4.3	254	12	6.6	0.00
26/09/2023 20:40	4.5	254	11	6.4	0.00
26/09/2023 20:50	4.2	252	13	6.0	0.00
26/09/2023 21:00	4.5	254	11	6.0	0.00
26/09/2023 21:10	4.5	247	12	6.4	0.00
26/09/2023 21:20	4.9	244	11	6.5	0.00
26/09/2023 21:30	4.7	243	10	6.7	0.00
26/09/2023 21:40	4.2	250	13	5.9	0.00
26/09/2023 21:50	4.4	255	14	5.8	0.00
26/09/2023 22:00	3.8	257	12	5.4	0.00
26/09/2023 22:10	4.0	257	11	5.5	0.00
26/09/2023 22:20	4.4	246	15	6.0	0.00
26/09/2023 22:30	4.2	236	13	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 22:40	4.4	238	14	6.3	0.00
26/09/2023 22:50	4.0	232	17	6.1	0.00
26/09/2023 23:00	4.7	242	12	6.4	0.00
26/09/2023 23:10	3.5	248	13	4.8	0.00
26/09/2023 23:20	3.3	247	12	5.2	0.00
26/09/2023 23:30	3.4	244	14	4.9	0.00
26/09/2023 23:40	3.4	243	14	5.4	0.00
26/09/2023 23:50	3.3	237	13	5.4	0.00
27/09/2023 00:00	3.6	245	13	4.8	0.00
27/09/2023 00:10	3.5	241	14	5.2	0.00
27/09/2023 00:20	3.3	234	16	4.8	0.00
27/09/2023 00:30	3.7	241	14	5.1	0.00
27/09/2023 00:40	3.9	243	12	5.6	0.00
27/09/2023 00:50	3.5	244	12	4.8	0.00
27/09/2023 01:00	3.3	246	14	4.8	0.00
27/09/2023 01:10	3.8	246	12	5.7	0.00
27/09/2023 01:20	3.7	256	11	5.1	0.00
27/09/2023 01:30	3.6	254	12	5.2	0.00
27/09/2023 01:40	3.6	246	13	5.2	0.00
27/09/2023 01:50	3.5	237	14	5.1	0.00
27/09/2023 02:00	3.7	232	15	5.2	0.00
27/09/2023 02:10	3.7	230	13	5.0	0.00
27/09/2023 02:20	3.5	233	13	4.8	0.00
27/09/2023 02:30	3.7	232	14	4.9	0.00
27/09/2023 02:40	4.2	241	14	5.7	0.00
27/09/2023 02:50	3.8	241	12	5.2	0.00
27/09/2023 03:00	3.2	243	14	4.8	0.00
27/09/2023 03:10	3.0	244	12	4.5	0.00
27/09/2023 03:20	2.7	240	13	4.1	0.00
27/09/2023 03:30	2.3	247	16	3.2	0.00
27/09/2023 03:40	3.5	254	11	5.6	0.00
27/09/2023 03:50	2.6	260	12	3.6	0.00
27/09/2023 04:00	2.9	262	14	3.8	0.00
27/09/2023 04:10	2.8	265	12	4.0	0.00
27/09/2023 04:20	3.3	259	14	4.4	0.00
27/09/2023 04:30	2.9	262	11	3.7	0.00
27/09/2023 04:40	2.6	263	11	3.9	0.00
27/09/2023 04:50	3.2	264	10	4.4	0.00
27/09/2023 05:00	3.4	260	11	4.6	0.00
27/09/2023 05:10	3.0	255	8	4.0	0.00
27/09/2023 05:20	2.6	249	10	3.6	0.00
27/09/2023 05:30	2.5	243	11	3.3	0.00
27/09/2023 05:40	2.6	237	10	3.3	0.00
27/09/2023 05:50	2.9	235	10	3.6	0.00
27/09/2023 06:00	3.5	233	10	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 06:10	3.3	232	17	4.6	0.00
27/09/2023 06:20	3.6	234	14	5.5	0.00
27/09/2023 06:30	3.1	235	11	4.1	0.00
27/09/2023 06:40	2.9	230	16	4.0	0.00
27/09/2023 06:50	2.5	240	13	3.6	0.00
27/09/2023 07:00	2.2	263	15	3.3	0.00
27/09/2023 07:10	2.1	263	14	3.2	0.00
27/09/2023 07:20	1.6	256	21	2.4	0.00
27/09/2023 07:30	0.8	233	43	1.5	0.00
27/09/2023 07:40	1.1	221	41	2.1	0.00
27/09/2023 07:50	1.2	171	91	2.1	0.00
27/09/2023 08:00	1.3	72	92	2.8	0.00
27/09/2023 08:10	2.5	140	27	4.0	0.00
27/09/2023 08:20	2.4	144	29	3.5	0.00
27/09/2023 08:30	2.6	139	22	4.0	0.00
27/09/2023 08:40	3.2	129	18	4.9	0.00
27/09/2023 08:50	3.6	109	14	5.4	0.00
27/09/2023 09:00	4.0	100	14	5.4	0.00
27/09/2023 09:10	4.0	113	15	5.6	0.00
27/09/2023 09:20	3.9	98	14	5.5	0.00
27/09/2023 09:30	4.0	104	13	5.9	0.00
27/09/2023 09:40	3.9	92	15	5.3	0.00
27/09/2023 09:50	4.7	91	14	6.5	0.00
27/09/2023 10:00	4.7	86	14	6.6	0.00
27/09/2023 10:10	5.5	83	11	7.9	0.00
27/09/2023 10:20	5.3	84	12	7.8	0.00
27/09/2023 10:30	5.7	85	11	7.5	0.00
27/09/2023 10:40	6.0	85	10	8.2	0.00
27/09/2023 10:50	6.8	82	10	9.1	0.00
27/09/2023 11:00	6.5	85	14	9.4	0.00
27/09/2023 11:10	6.7	84	10	8.9	0.00
27/09/2023 11:20	6.5	80	12	9.0	0.00
27/09/2023 11:30	7.3	78	11	9.6	0.00
27/09/2023 11:40	7.8	81	12	11.2	0.00
27/09/2023 11:50	7.3	76	14	9.7	0.00
27/09/2023 12:00	6.8	78	11	9.5	0.00
27/09/2023 12:10	7.1	77	12	11.3	0.00
27/09/2023 12:20	6.6	76	11	9.2	0.00
27/09/2023 12:30	6.5	79	12	9.2	0.00
27/09/2023 12:40	7.1	79	12	10.3	0.00
27/09/2023 12:50	6.9	79	12	9.5	0.00
27/09/2023 13:00	7.2	78	10	10.2	0.00
27/09/2023 13:10	7.2	78	11	10.3	0.00
27/09/2023 13:20	7.5	72	13	10.0	0.00
27/09/2023 13:30	7.4	76	12	10.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 13:40	7.7	73	12	10.3	0.00
27/09/2023 13:50	7.6	75	12	11.3	0.00
27/09/2023 14:00	7.0	77	11	9.7	0.00
27/09/2023 14:10	7.6	74	11	11.0	0.00
27/09/2023 14:20	7.0	73	11	10.3	0.00
27/09/2023 14:30	7.5	74	11	10.8	0.00
27/09/2023 14:40	7.3	76	11	9.5	0.00
27/09/2023 14:50	6.9	74	13	9.9	0.00
27/09/2023 15:00	7.3	74	11	10.0	0.00
27/09/2023 15:10	6.7	76	13	9.4	0.00
27/09/2023 15:20	6.7	72	12	9.5	0.00
27/09/2023 15:30	7.0	71	9	9.7	0.00
27/09/2023 15:40	6.7	67	11	9.4	0.00
27/09/2023 15:50	6.2	69	10	8.3	0.00
27/09/2023 16:00	5.7	66	11	7.9	0.00
27/09/2023 16:10	6.0	63	12	8.3	0.00
27/09/2023 16:20	6.4	61	12	8.4	0.00
27/09/2023 16:30	6.6	62	11	9.2	0.00
27/09/2023 16:40	5.9	57	12	7.6	0.00
27/09/2023 16:50	5.0	55	13	6.8	0.00
27/09/2023 17:00	3.8	35	19	5.5	0.00
27/09/2023 17:10	4.0	38	16	5.7	0.00
27/09/2023 17:20	3.9	40	14	5.6	0.00
27/09/2023 17:30	3.2	21	23	5.4	0.00
27/09/2023 17:40	3.2	1	17	4.4	0.00
27/09/2023 17:50	3.1	36	17	4.9	0.00
27/09/2023 18:00	3.0	185	21	4.5	0.00
27/09/2023 18:10	2.7	4	17	4.0	0.00
27/09/2023 18:20	2.7	6	14	4.0	0.00
27/09/2023 18:30	2.6	25	20	3.8	0.00
27/09/2023 18:40	3.3	16	16	4.4	0.00
27/09/2023 18:50	3.1	3	16	4.4	0.00
27/09/2023 19:00	2.7	354	15	3.8	0.00
27/09/2023 19:10	2.5	6	17	3.8	0.00
27/09/2023 19:20	3.0	2	16	4.7	0.00
27/09/2023 19:30	4.0	181	16	5.8	0.00
27/09/2023 19:40	4.3	6	15	6.5	0.00
27/09/2023 19:50	3.5	12	16	4.9	0.00
27/09/2023 20:00	3.0	17	18	4.2	0.00
27/09/2023 20:10	2.7	20	19	4.0	0.00
27/09/2023 20:20	2.7	20	17	4.0	0.00
27/09/2023 20:30	2.5	9	19	3.7	0.00
27/09/2023 20:40	1.8	19	27	2.6	0.00
27/09/2023 20:50	1.1	202	64	2.0	0.00
27/09/2023 21:00	1.3	330	42	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 21:10	1.5	175	20	2.1	0.00
27/09/2023 21:20	0.4	107	46	1.0	0.00
27/09/2023 21:30	1.2	165	32	1.7	0.00
27/09/2023 21:40	1.2	243	70	1.9	0.00
27/09/2023 21:50	0.8	240	15	1.2	0.00
27/09/2023 22:00	0.9	155	29	1.5	0.00
27/09/2023 22:10	1.1	194	48	2.2	0.00
27/09/2023 22:20	0.6	181	29	1.2	0.00
27/09/2023 22:30	1.0	223	25	1.6	0.00
27/09/2023 22:40	0.9	137	45	1.2	0.00
27/09/2023 22:50	0.4	183	10	0.9	0.00
27/09/2023 23:00	0.4	186	29	0.9	0.00
27/09/2023 23:10	0.6	245	17	1.2	0.00
27/09/2023 23:20	1.2	246	7	2.4	0.00
27/09/2023 23:30	2.4	239	15	3.2	0.00
27/09/2023 23:40	2.6	235	16	4.0	0.00
27/09/2023 23:50	2.1	245	12	3.2	0.00
28/09/2023 00:00	2.2	247	12	2.8	0.00
28/09/2023 00:10	2.1	243	11	2.8	0.00
28/09/2023 00:20	2.1	235	14	3.1	0.00
28/09/2023 00:30	2.3	222	15	3.2	0.00
28/09/2023 00:40	1.5	222	20	2.1	0.00
28/09/2023 00:50	1.5	235	20	2.4	0.00
28/09/2023 01:00	1.6	228	16	2.4	0.00
28/09/2023 01:10	1.0	243	20	1.5	0.00
28/09/2023 01:20	1.8	246	10	2.5	0.00
28/09/2023 01:30	2.0	248	12	2.8	0.00
28/09/2023 01:40	2.0	255	11	2.6	0.00
28/09/2023 01:50	1.6	252	11	2.4	0.00
28/09/2023 02:00	1.7	252	11	2.4	0.00
28/09/2023 02:10	1.5	243	14	2.3	0.00
28/09/2023 02:20	0.9	255	27	1.5	0.00
28/09/2023 02:30	0.5	203	31	1.3	0.00
28/09/2023 02:40	1.2	259	26	1.6	0.00
28/09/2023 02:50	1.0	233	21	1.6	0.00
28/09/2023 03:00	0.8	274	15	1.0	0.00
28/09/2023 03:10	0.2	299	5	0.6	0.00
28/09/2023 03:20	0.9	297	13	1.2	0.00
28/09/2023 03:30	0.5	297	3	1.0	0.00
28/09/2023 03:40	0.3	271	9	1.1	0.00
28/09/2023 03:50	0.3	300	6	1.1	0.00
28/09/2023 04:00	0.8	296	7	1.3	0.00
28/09/2023 04:10	0.9	297	7	1.2	0.00
28/09/2023 04:20	1.1	298	5	1.4	0.00
28/09/2023 04:30	0.7	174	11	1.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 04:40	1.1	308	12	1.5	0.00
28/09/2023 04:50	1.3	303	7	1.6	0.00
28/09/2023 05:00	1.2	198	33	1.7	0.00
28/09/2023 05:10	0.4	327	22	0.8	0.00
28/09/2023 05:20	0.6	195	16	1.0	0.00
28/09/2023 05:30	0.3	279	41	1.0	0.00
28/09/2023 05:40	0.6	135	21	1.3	0.00
28/09/2023 05:50	0.4	329	39	0.8	0.00
28/09/2023 06:00	0.2	220	34	0.8	0.00
28/09/2023 06:10	1.3	79	16	2.4	0.00
28/09/2023 06:20	2.0	95	10	2.7	0.00
28/09/2023 06:30	2.5	99	10	3.6	0.00
28/09/2023 06:40	3.2	95	10	4.3	0.00
28/09/2023 06:50	3.3	94	12	4.6	0.00
28/09/2023 07:00	3.2	96	11	4.2	0.00
28/09/2023 07:10	2.9	97	10	3.6	0.00
28/09/2023 07:20	3.0	99	12	3.8	0.00
28/09/2023 07:30	2.8	101	11	3.8	0.00
28/09/2023 07:40	2.5	97	11	3.3	0.00
28/09/2023 07:50	2.7	98	13	3.8	0.00
28/09/2023 08:00	3.2	97	10	4.3	0.00
28/09/2023 08:10	3.3	96	12	4.5	0.00
28/09/2023 08:20	3.7	99	12	4.9	0.00
28/09/2023 08:30	3.9	93	12	5.3	0.00
28/09/2023 08:40	4.3	92	14	6.3	0.00
28/09/2023 08:50	4.3	102	14	5.6	0.00
28/09/2023 09:00	4.9	102	10	6.5	0.00
28/09/2023 09:10	4.6	95	11	6.0	0.00
28/09/2023 09:20	4.2	103	10	5.8	0.00
28/09/2023 09:30	4.4	105	10	5.7	0.00
28/09/2023 09:40	4.4	99	11	5.6	0.00
28/09/2023 09:50	4.2	88	13	5.8	0.00
28/09/2023 10:00	5.0	80	12	6.6	0.00
28/09/2023 10:10	4.7	80	13	6.4	0.00
28/09/2023 10:20	5.1	81	13	7.1	0.00
28/09/2023 10:30	5.2	82	12	7.0	0.00
28/09/2023 10:40	5.3	83	12	7.7	0.00
28/09/2023 10:50	6.0	82	12	8.8	0.00
28/09/2023 11:00	6.6	81	10	9.0	0.00
28/09/2023 11:10	6.2	84	11	9.3	0.00
28/09/2023 11:20	6.7	85	13	8.7	0.00
28/09/2023 11:30	6.0	85	11	8.1	0.00
28/09/2023 11:40	6.4	83	12	8.7	0.00
28/09/2023 11:50	6.5	80	13	8.4	0.00
28/09/2023 12:00	6.0	78	13	8.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 12:10	6.4	82	12	9.8	0.00
28/09/2023 12:20	6.1	76	12	8.2	0.00
28/09/2023 12:30	6.5	70	13	9.2	0.00
28/09/2023 12:40	6.4	70	11	9.5	0.00
28/09/2023 12:50	6.5	72	12	8.4	0.00
28/09/2023 13:00	7.2	74	10	9.5	0.00
28/09/2023 13:10	7.1	74	12	10.6	0.00
28/09/2023 13:20	6.9	72	12	9.8	0.00
28/09/2023 13:30	6.6	70	10	9.5	0.00
28/09/2023 13:40	7.3	67	12	9.3	0.00
28/09/2023 13:50	6.8	65	13	9.5	0.00
28/09/2023 14:00	6.7	63	11	9.0	0.00
28/09/2023 14:10	6.7	63	11	8.4	0.00
28/09/2023 14:20	6.8	61	11	8.9	0.00
28/09/2023 14:30	6.8	62	11	9.1	0.00
28/09/2023 14:40	6.9	62	12	9.8	0.00
28/09/2023 14:50	7.1	67	11	9.6	0.00
28/09/2023 15:00	7.4	69	12	9.5	0.00
28/09/2023 15:10	7.5	70	12	10.0	0.00
28/09/2023 15:20	6.8	71	12	10.1	0.00
28/09/2023 15:30	7.2	67	13	9.9	0.00
28/09/2023 15:40	7.1	68	10	9.4	0.00
28/09/2023 15:50	6.6	67	11	9.1	0.00
28/09/2023 16:00	6.2	63	13	8.2	0.00
28/09/2023 16:10	6.6	66	12	9.5	0.00
28/09/2023 16:20	6.1	59	11	8.3	0.00
28/09/2023 16:30	6.6	60	11	8.5	0.00
28/09/2023 16:40	5.6	60	13	7.7	0.00
28/09/2023 16:50	5.5	57	13	7.7	0.00
28/09/2023 17:00	5.3	51	12	7.3	0.00
28/09/2023 17:10	4.9	48	14	6.9	0.00
28/09/2023 17:20	4.6	43	14	6.6	0.00
28/09/2023 17:30	5.5	45	12	7.2	0.00
28/09/2023 17:40	4.6	50	12	6.5	0.00
28/09/2023 17:50	4.5	42	12	6.1	0.00
28/09/2023 18:00	4.1	42	12	5.9	0.00
28/09/2023 18:10	3.3	33	11	5.1	0.00
28/09/2023 18:20	2.8	35	16	3.9	0.00
28/09/2023 18:30	2.8	21	20	4.0	0.00
28/09/2023 18:40	3.3	19	17	5.2	0.00
28/09/2023 18:50	3.5	22	13	5.2	0.00
28/09/2023 19:00	3.1	23	18	4.3	0.00
28/09/2023 19:10	3.2	24	14	4.8	0.00
28/09/2023 19:20	3.0	20	12	4.0	0.00
28/09/2023 19:30	2.8	30	13	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 19:40	2.6	28	14	3.5	0.00
28/09/2023 19:50	3.2	21	14	4.3	0.00
28/09/2023 20:00	2.7	26	15	4.4	0.00
28/09/2023 20:10	3.3	22	12	4.4	0.00
28/09/2023 20:20	2.5	27	14	3.6	0.00
28/09/2023 20:30	2.1	24	16	3.0	0.00
28/09/2023 20:40	2.6	16	16	3.6	0.00
28/09/2023 20:50	2.2	178	22	3.5	0.00
28/09/2023 21:00	1.6	325	30	3.1	0.00
28/09/2023 21:10	1.0	163	49	1.7	0.00
28/09/2023 21:20	2.3	306	25	3.8	0.00
28/09/2023 21:30	1.5	216	46	2.3	0.00
28/09/2023 21:40	1.1	263	54	1.9	0.00
28/09/2023 21:50	1.1	167	41	2.0	0.00
28/09/2023 22:00	1.0	179	21	1.5	0.00
28/09/2023 22:10	0.3	224	20	0.9	0.00
28/09/2023 22:20	0.4	242	20	1.1	0.00
28/09/2023 22:30	1.3	270	32	2.8	0.00
28/09/2023 22:40	0.8	138	44	1.6	0.00
28/09/2023 22:50	0.6	277	39	1.6	0.00
28/09/2023 23:00	1.2	270	23	2.1	0.00
28/09/2023 23:10	2.5	244	11	3.5	0.00
28/09/2023 23:20	1.8	234	20	2.5	0.00
28/09/2023 23:30	1.9	240	12	3.1	0.00
28/09/2023 23:40	2.8	248	11	3.8	0.00
28/09/2023 23:50	2.6	234	15	3.8	0.00
29/09/2023 00:00	2.8	241	11	3.8	0.00
29/09/2023 00:10	2.9	248	10	3.8	0.00
29/09/2023 00:20	2.8	249	11	3.7	0.00
29/09/2023 00:30	2.8	250	12	4.1	0.00
29/09/2023 00:40	3.2	246	10	4.4	0.00
29/09/2023 00:50	2.8	243	11	3.8	0.00
29/09/2023 01:00	3.2	244	11	4.3	0.00
29/09/2023 01:10	2.9	239	13	4.1	0.00
29/09/2023 01:20	2.9	240	14	4.0	0.00
29/09/2023 01:30	2.6	236	12	3.6	0.00
29/09/2023 01:40	2.4	235	12	3.5	0.00
29/09/2023 01:50	2.5	227	14	3.6	0.00
29/09/2023 02:00	2.6	231	16	3.6	0.00
29/09/2023 02:10	2.6	234	13	4.1	0.00
29/09/2023 02:20	2.6	238	11	3.5	0.00
29/09/2023 02:30	2.1	247	11	2.7	0.00
29/09/2023 02:40	2.0	244	12	2.8	0.00
29/09/2023 02:50	1.6	247	11	2.1	0.00
29/09/2023 03:00	1.5	246	13	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 03:10	1.1	247	14	1.4	0.00
29/09/2023 03:20	1.2	235	19	1.8	0.00
29/09/2023 03:30	1.8	225	18	2.6	0.00
29/09/2023 03:40	1.3	220	39	2.0	0.00
29/09/2023 03:50	1.2	225	26	1.9	0.00
29/09/2023 04:00	0.9	229	25	1.6	0.00
29/09/2023 04:10	0.7	198	73	1.2	0.00
29/09/2023 04:20	1.0	190	73	2.0	0.00
29/09/2023 04:30	0.6	207	52	1.8	0.00
29/09/2023 04:40	1.2	234	78	2.6	0.00
29/09/2023 04:50	1.7	149	59	3.0	0.00
29/09/2023 05:00	1.6	159	63	2.5	0.00
29/09/2023 05:10	0.8	236	54	1.6	0.00
29/09/2023 05:20	1.3	147	30	2.1	0.00
29/09/2023 05:30	1.7	137	21	2.7	0.00
29/09/2023 05:40	1.6	241	60	2.5	0.00
29/09/2023 05:50	2.1	142	36	3.2	0.00
29/09/2023 06:00	2.1	144	23	3.2	0.00
29/09/2023 06:10	2.3	138	17	3.3	0.00
29/09/2023 06:20	1.3	68	32	2.1	0.00
29/09/2023 06:30	0.9	58	47	1.4	0.00
29/09/2023 06:40	0.9	60	49	2.1	0.00
29/09/2023 06:50	1.3	87	46	2.5	0.00
29/09/2023 07:00	1.4	102	23	2.7	0.00
29/09/2023 07:10	1.6	96	15	2.3	0.00
29/09/2023 07:20	1.5	91	16	2.4	0.00
29/09/2023 07:30	1.9	92	13	2.7	0.00
29/09/2023 07:40	2.9	92	10	4.7	0.00
29/09/2023 07:50	3.8	49	18	5.5	0.00
29/09/2023 08:00	2.9	65	15	4.4	0.00
29/09/2023 08:10	2.6	101	18	4.1	0.00
29/09/2023 08:20	3.4	85	17	5.6	0.00
29/09/2023 08:30	2.2	80	16	3.5	0.00
29/09/2023 08:40	2.3	67	24	3.6	0.00
29/09/2023 08:50	1.8	77	25	3.2	0.00
29/09/2023 09:00	2.8	78	16	4.0	0.00
29/09/2023 09:10	2.1	47	31	3.6	0.00
29/09/2023 09:20	2.0	96	26	3.2	0.00
29/09/2023 09:30	2.9	203	21	4.7	0.00
29/09/2023 09:40	1.6	62	35	2.6	0.00
29/09/2023 09:50	2.4	180	42	4.8	0.00
29/09/2023 10:00	2.0	95	30	3.2	0.00
29/09/2023 10:10	2.7	316	35	5.0	0.00
29/09/2023 10:20	2.6	347	40	5.3	0.00
29/09/2023 10:30	2.4	340	31	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 10:40	2.2	340	33	3.8	0.00
29/09/2023 10:50	2.9	319	17	4.2	0.00
29/09/2023 11:00	2.8	311	23	4.0	0.00
29/09/2023 11:10	3.0	322	23	4.4	0.00
29/09/2023 11:20	3.7	314	17	5.1	0.00
29/09/2023 11:30	3.2	314	18	4.5	0.00
29/09/2023 11:40	3.2	331	21	5.2	0.00
29/09/2023 11:50	4.1	301	14	5.7	0.00
29/09/2023 12:00	3.9	302	17	5.3	0.00
29/09/2023 12:10	3.7	300	18	5.4	0.00
29/09/2023 12:20	2.9	179	24	4.1	0.00
29/09/2023 12:30	2.5	12	29	3.9	0.00
29/09/2023 12:40	2.7	179	22	4.0	0.00
29/09/2023 12:50	2.5	344	32	3.6	0.00
29/09/2023 13:00	2.9	339	30	4.7	0.00
29/09/2023 13:10	2.5	170	29	3.8	0.00
29/09/2023 13:20	3.2	305	23	4.9	0.00
29/09/2023 13:30	3.5	300	17	5.0	0.00
29/09/2023 13:40	3.2	290	21	4.8	0.00
29/09/2023 13:50	3.1	299	16	4.4	0.00
29/09/2023 14:00	3.1	300	28	4.7	0.00
29/09/2023 14:10	2.8	293	19	4.0	0.00
29/09/2023 14:20	3.3	289	21	4.8	0.00
29/09/2023 14:30	3.5	286	15	4.8	0.00
29/09/2023 14:40	3.4	285	15	4.6	0.00
29/09/2023 14:50	3.6	307	17	5.1	0.00
29/09/2023 15:00	3.8	299	17	5.4	0.00
29/09/2023 15:10	3.5	303	17	5.0	0.00
29/09/2023 15:20	4.6	302	13	6.3	0.00
29/09/2023 15:30	4.2	307	13	5.6	0.00
29/09/2023 15:40	3.6	332	18	4.8	0.00
29/09/2023 15:50	3.0	320	19	4.4	0.00
29/09/2023 16:00	2.3	313	34	4.0	0.00
29/09/2023 16:10	2.3	305	25	3.6	0.00
29/09/2023 16:20	2.7	313	31	4.5	0.00
29/09/2023 16:30	2.1	327	33	3.5	0.00
29/09/2023 16:40	3.2	317	18	4.8	0.00
29/09/2023 16:50	3.5	323	15	5.2	0.00
29/09/2023 17:00	3.2	295	20	4.6	0.00
29/09/2023 17:10	3.1	286	20	4.3	0.00
29/09/2023 17:20	3.3	273	20	4.8	0.00
29/09/2023 17:30	3.1	285	18	4.6	0.00
29/09/2023 17:40	3.1	263	18	4.7	0.00
29/09/2023 17:50	3.1	260	14	4.4	0.00
29/09/2023 18:00	3.4	261	13	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 18:10	4.1	261	9	5.3	0.00
29/09/2023 18:20	3.8	258	11	5.3	0.00
29/09/2023 18:30	3.3	248	13	4.3	0.00
29/09/2023 18:40	3.7	249	12	5.2	0.00
29/09/2023 18:50	4.4	259	9	5.8	0.00
29/09/2023 19:00	4.8	261	9	6.2	0.00
29/09/2023 19:10	5.1	261	8	6.4	0.00
29/09/2023 19:20	4.7	263	10	6.1	0.00
29/09/2023 19:30	4.7	261	10	6.2	0.00
29/09/2023 19:40	4.6	262	8	6.0	0.00
29/09/2023 19:50	4.7	263	8	5.9	0.00
29/09/2023 20:00	4.7	261	9	5.9	0.00
29/09/2023 20:10	4.3	262	9	5.3	0.00
29/09/2023 20:20	3.9	260	9	5.0	0.00
29/09/2023 20:30	3.3	261	9	4.2	0.00
29/09/2023 20:40	3.2	261	11	4.2	0.00
29/09/2023 20:50	3.6	260	10	4.8	0.00
29/09/2023 21:00	3.2	259	10	4.1	0.00
29/09/2023 21:10	3.2	291	21	4.6	0.00
29/09/2023 21:20	3.8	263	11	5.0	0.00
29/09/2023 21:30	3.2	268	12	4.3	0.00
29/09/2023 21:40	2.8	286	17	3.8	0.00
29/09/2023 21:50	2.9	269	13	4.1	0.00
29/09/2023 22:00	3.1	309	18	4.5	0.00
29/09/2023 22:10	2.6	307	21	3.8	0.00
29/09/2023 22:20	2.9	294	17	3.9	0.00
29/09/2023 22:30	2.8	289	20	3.6	0.00
29/09/2023 22:40	3.2	280	22	4.4	0.00
29/09/2023 22:50	3.3	282	13	4.1	0.00
29/09/2023 23:00	3.5	291	15	4.8	0.00
29/09/2023 23:10	3.6	282	13	5.0	0.00
29/09/2023 23:20	3.5	289	14	4.8	0.00
29/09/2023 23:30	3.2	312	13	4.6	0.00
29/09/2023 23:40	3.1	296	16	4.8	0.00
29/09/2023 23:50	3.4	310	15	4.7	0.00
30/09/2023 00:00	3.1	294	18	5.3	0.00
30/09/2023 00:10	3.8	302	14	5.1	0.00
30/09/2023 00:20	4.0	301	11	5.0	0.00
30/09/2023 00:30	3.1	301	14	4.7	0.00
30/09/2023 00:40	3.0	299	11	4.3	0.00
30/09/2023 00:50	2.6	302	14	3.8	0.00
30/09/2023 01:00	2.3	302	12	3.3	0.00
30/09/2023 01:10	3.1	297	11	4.0	0.00
30/09/2023 01:20	2.5	295	13	3.8	0.00
30/09/2023 01:30	2.3	301	15	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 01:40	2.4	294	12	3.5	0.00
30/09/2023 01:50	2.0	294	15	3.1	0.00
30/09/2023 02:00	2.1	305	17	3.2	0.00
30/09/2023 02:10	2.1	288	17	3.4	0.00
30/09/2023 02:20	2.3	295	15	3.3	0.00
30/09/2023 02:30	1.6	296	17	2.5	0.00
30/09/2023 02:40	1.4	270	22	2.3	0.00
30/09/2023 02:50	1.4	257	12	1.9	0.00
30/09/2023 03:00	1.3	265	12	1.8	0.00
30/09/2023 03:10	0.4	266	10	1.1	0.00
30/09/2023 03:20	1.4	266	9	1.9	0.00
30/09/2023 03:30	1.2	261	10	1.6	0.00
30/09/2023 03:40	1.1	276	11	1.6	0.00
30/09/2023 03:50	0.5	276	8	1.2	0.00
30/09/2023 04:00	1.0	286	11	1.3	0.00
30/09/2023 04:10	1.2	251	9	1.6	0.00
30/09/2023 04:20	0.4	268	4	0.8	0.00
30/09/2023 04:30	0.0	213	0	0.4	0.00
30/09/2023 04:40	0.6	297	4	0.9	0.00
30/09/2023 04:50	0.8	287	8	1.2	0.00
30/09/2023 05:00	0.7	294	4	1.1	0.00
30/09/2023 05:10	1.5	287	8	2.0	0.00
30/09/2023 05:20	1.1	267	12	1.8	0.00
30/09/2023 05:30	0.5	249	14	1.1	0.00
30/09/2023 05:40	0.2	262	5	0.9	0.00
30/09/2023 05:50					0.00
30/09/2023 06:00					0.00
30/09/2023 06:10					0.00
30/09/2023 06:20					0.00
30/09/2023 06:30					0.00
30/09/2023 06:40	0.7	253	20	1.6	0.00
30/09/2023 06:50	1.5	221	24	2.3	0.00
30/09/2023 07:00	1.9	223	32	2.9	0.00
30/09/2023 07:10	2.3	219	21	3.5	0.00
30/09/2023 07:20	1.8	268	62	3.1	0.00
30/09/2023 07:30	1.7	66	88	3.4	0.00
30/09/2023 07:40	1.9	116	68	2.9	0.00
30/09/2023 07:50	2.0	97	89	3.6	0.00
30/09/2023 08:00	2.0	106	87	3.6	0.00
30/09/2023 08:10	2.4	141	51	4.3	0.00
30/09/2023 08:20	2.8	145	34	4.3	0.00
30/09/2023 08:30	2.3	129	59	4.0	0.00
30/09/2023 08:40	3.8	138	23	5.9	0.00
30/09/2023 08:50	3.8	141	20	5.7	0.00
30/09/2023 09:00	3.8	140	30	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 09:10	4.7	140	17	6.6	0.00
30/09/2023 09:20	4.2	129	18	6.0	0.00
30/09/2023 09:30	4.4	129	15	6.2	0.00
30/09/2023 09:40	3.5	126	17	5.0	0.00
30/09/2023 09:50	4.0	123	16	6.0	0.00
30/09/2023 10:00	4.2	116	14	6.2	0.00
30/09/2023 10:10	4.7	117	14	6.5	0.00
30/09/2023 10:20	4.2	115	16	6.3	0.00
30/09/2023 10:30	3.8	127	20	5.7	0.00
30/09/2023 10:40	3.9	120	19	5.6	0.00
30/09/2023 10:50	4.1	112	16	5.6	0.00
30/09/2023 11:00	3.9	110	13	5.2	0.00
30/09/2023 11:10	3.6	86	15	5.2	0.00
30/09/2023 11:20	3.2	93	15	5.1	0.00
30/09/2023 11:30	3.4	99	15	5.1	0.00
30/09/2023 11:40	3.1	87	18	4.8	0.00
30/09/2023 11:50	3.3	78	17	4.8	0.00
30/09/2023 12:00	2.8	89	20	4.4	0.00
30/09/2023 12:10	3.0	67	21	4.7	0.00
30/09/2023 12:20	2.9	186	26	4.3	0.00
30/09/2023 12:30	3.3	355	20	4.5	0.00
30/09/2023 12:40	3.0	176	22	4.2	0.00
30/09/2023 12:50	2.7	341	22	4.0	0.00
30/09/2023 13:00	3.4	325	18	5.0	0.00
30/09/2023 13:10	4.0	342	15	5.0	0.00
30/09/2023 13:20	3.6	339	19	5.1	0.00
30/09/2023 13:30	3.3	355	23	5.2	0.00
30/09/2023 13:40	3.2	181	22	4.8	0.00
30/09/2023 13:50	3.1	346	23	4.8	0.00
30/09/2023 14:00	3.4	342	23	5.1	0.00
30/09/2023 14:10	3.3	178	26	5.0	0.00
30/09/2023 14:20	3.0	332	26	4.7	0.00
30/09/2023 14:30	3.5	316	20	5.6	0.00
30/09/2023 14:40	3.6	314	21	5.9	0.00
30/09/2023 14:50	4.7	299	16	6.2	0.00
30/09/2023 15:00	5.1	294	14	6.7	0.00
30/09/2023 15:10	5.3	287	15	6.8	0.00
30/09/2023 15:20	5.0	286	14	6.8	0.00
30/09/2023 15:30	5.1	290	11	6.8	0.00
30/09/2023 15:40	4.3	266	14	6.0	0.00
30/09/2023 15:50	4.3	262	13	6.0	0.00
30/09/2023 16:00	4.6	263	13	6.1	0.00
30/09/2023 16:10	4.8	266	14	6.1	0.00
30/09/2023 16:20	4.8	262	13	5.9	0.00
30/09/2023 16:30	4.7	262	10	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 16:40	4.2	271	14	5.4	0.00
30/09/2023 16:50	3.9	267	14	5.2	0.00
30/09/2023 17:00	4.2	288	14	5.6	0.00
30/09/2023 17:10	3.8	281	14	5.3	0.00
30/09/2023 17:20	3.3	283	14	4.4	0.00
30/09/2023 17:30	3.3	274	13	4.8	0.00
30/09/2023 17:40	4.2	271	14	5.6	0.00
30/09/2023 17:50	3.6	286	14	4.8	0.00
30/09/2023 18:00	3.8	300	14	5.1	0.00
30/09/2023 18:10	3.6	300	14	4.9	0.00
30/09/2023 18:20	3.3	304	13	4.9	0.00
30/09/2023 18:30	2.7	297	16	4.4	0.00
30/09/2023 18:40	2.5	277	17	4.5	0.00
30/09/2023 18:50	3.3	279	20	5.3	0.00
30/09/2023 19:00	4.1	275	16	5.9	0.00
30/09/2023 19:10	3.5	277	17	5.2	0.00
30/09/2023 19:20	4.2	276	14	6.0	0.00
30/09/2023 19:30	3.8	283	15	5.2	0.00
30/09/2023 19:40	3.6	274	16	4.8	0.00
30/09/2023 19:50	2.9	278	17	4.2	0.00
30/09/2023 20:00	3.3	272	12	4.8	0.00
30/09/2023 20:10	4.0	269	12	5.4	0.00
30/09/2023 20:20	3.8	268	12	5.3	0.00
30/09/2023 20:30	3.1	267	12	4.1	0.00
30/09/2023 20:40	2.7	273	14	3.8	0.00
30/09/2023 20:50	2.8	271	12	3.8	0.00
30/09/2023 21:00	2.8	266	10	3.6	0.00
30/09/2023 21:10	2.9	263	10	3.9	0.00
30/09/2023 21:20	2.7	258	11	3.7	0.00
30/09/2023 21:30	3.0	254	11	4.2	0.00
30/09/2023 21:40	2.9	257	12	3.9	0.00
30/09/2023 21:50	2.5	253	10	3.2	0.00
30/09/2023 22:00	2.9	257	10	3.7	0.00
30/09/2023 22:10	3.1	257	9	4.0	0.00
30/09/2023 22:20	3.3	259	8	4.2	0.00
30/09/2023 22:30	3.4	258	10	4.4	0.00
30/09/2023 22:40	3.4	254	11	4.6	0.00
30/09/2023 22:50	3.1	254	10	4.0	0.00
30/09/2023 23:00	3.3	257	9	4.1	0.00
30/09/2023 23:10	3.3	258	9	4.3	0.00
30/09/2023 23:20	2.8	255	10	3.6	0.00
30/09/2023 23:30	2.5	256	10	3.2	0.00
30/09/2023 23:40	2.5	253	10	3.3	0.00
30/09/2023 23:50	2.8	253	9	3.7	0.00
01/10/2023 00:00	2.3	240	12	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 00:10	2.3	230	14	3.2	0.00
01/10/2023 00:20	2.9	229	15	3.9	0.00
01/10/2023 00:30	3.2	221	13	4.2	0.00
01/10/2023 00:40	2.5	221	27	4.0	0.00
01/10/2023 00:50	1.8	217	35	2.6	0.00
01/10/2023 01:00	2.7	215	30	3.7	0.00
01/10/2023 01:10	3.5	217	14	4.8	0.00
01/10/2023 01:20	2.0	223	44	3.0	0.00
01/10/2023 01:30	2.1	226	25	3.4	0.00
01/10/2023 01:40	3.0	223	16	4.2	0.00
01/10/2023 01:50	2.4	222	21	3.8	0.00
01/10/2023 02:00	2.0	227	21	2.9	0.00
01/10/2023 02:10	2.6	224	14	3.4	0.00
01/10/2023 02:20	2.4	218	23	3.8	0.00
01/10/2023 02:30	2.3	217	21	3.4	0.00
01/10/2023 02:40	2.4	224	17	3.4	0.00
01/10/2023 02:50	1.9	220	26	2.5	0.00
01/10/2023 03:00	2.2	228	21	2.9	0.00
01/10/2023 03:10	2.4	218	18	3.4	0.00
01/10/2023 03:20	2.3	227	17	3.5	0.00
01/10/2023 03:30	1.8	229	17	2.8	0.00
01/10/2023 03:40	1.4	243	18	1.9	0.00
01/10/2023 03:50	1.7	246	13	2.1	0.00
01/10/2023 04:00	2.0	252	9	2.4	0.00
01/10/2023 04:10	1.9	263	9	2.6	0.00
01/10/2023 04:20	2.3	257	10	2.9	0.00
01/10/2023 04:30	0.7	259	24	1.6	0.00
01/10/2023 04:40	1.7	282	6	2.3	0.00
01/10/2023 04:50	2.1	270	16	2.7	0.00
01/10/2023 05:00	2.4	263	8	3.3	0.00
01/10/2023 05:10	1.1	174	34	1.8	0.00
01/10/2023 05:20	0.8	317	12	1.1	0.00
01/10/2023 05:30	1.8	279	10	2.4	0.00
01/10/2023 05:40	0.8	266	47	1.6	0.00
01/10/2023 05:50	1.8	280	8	2.0	0.00
01/10/2023 06:00	2.0	275	9	2.6	0.00
01/10/2023 06:10	2.6	264	8	3.4	0.00
01/10/2023 06:20	2.0	257	9	3.1	0.00
01/10/2023 06:30	1.0	323	21	1.7	0.00
01/10/2023 06:40	1.3	266	12	1.8	0.00
01/10/2023 06:50	2.1	244	11	2.7	0.00
01/10/2023 07:00	1.4	261	18	1.9	0.00
01/10/2023 07:10	1.4	282	14	2.0	0.00
01/10/2023 07:20	2.6	243	10	3.2	0.00
01/10/2023 07:30	2.3	236	15	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 07:40	1.6	261	20	2.4	0.00
01/10/2023 07:50	2.4	259	13	3.1	0.00
01/10/2023 08:00	1.9	263	18	2.8	0.00
01/10/2023 08:10	2.1	266	17	2.7	0.00
01/10/2023 08:20	2.4	254	14	3.2	0.00
01/10/2023 08:30	2.8	261	15	3.6	0.00
01/10/2023 08:40	3.1	277	16	4.0	0.00
01/10/2023 08:50	3.1	274	11	3.9	0.00
01/10/2023 09:00	3.5	274	13	4.4	0.00
01/10/2023 09:10	3.6	281	13	4.5	0.00
01/10/2023 09:20	3.7	265	13	4.8	0.00
01/10/2023 09:30	3.9	265	10	4.9	0.00
01/10/2023 09:40	3.8	266	12	4.9	0.00
01/10/2023 09:50	4.0	263	11	5.0	0.00
01/10/2023 10:00	3.9	266	16	4.9	0.00
01/10/2023 10:10	4.5	266	12	5.6	0.00
01/10/2023 10:20	4.2	270	13	5.2	0.00
01/10/2023 10:30	4.2	266	15	5.2	0.00
01/10/2023 10:40	4.1	265	14	5.5	0.00
01/10/2023 10:50	5.0	259	10	6.4	0.00
01/10/2023 11:00	5.3	262	10	6.6	0.00
01/10/2023 11:10	5.6	262	11	6.8	0.00
01/10/2023 11:20	5.0	264	11	6.1	0.00
01/10/2023 11:30	5.2	262	10	6.2	0.00
01/10/2023 11:40	4.5	268	15	5.8	0.00
01/10/2023 11:50	5.0	261	14	6.4	0.00
01/10/2023 12:00	5.0	258	11	6.6	0.00
01/10/2023 12:10	5.7	259	13	7.2	0.00
01/10/2023 12:20	5.8	260	10	7.2	0.00
01/10/2023 12:30	6.0	262	12	8.0	0.00
01/10/2023 12:40	6.6	259	10	8.3	0.00
01/10/2023 12:50	7.0	261	11	8.6	0.00
01/10/2023 13:00	6.6	262	10	8.6	0.00
01/10/2023 13:10	6.3	264	11	7.7	0.00
01/10/2023 13:20	5.8	263	13	7.5	0.00
01/10/2023 13:30	6.3	267	12	7.9	0.00
01/10/2023 13:40	5.9	267	15	8.0	0.00
01/10/2023 13:50	6.2	264	14	8.7	0.00
01/10/2023 14:00	6.7	267	13	8.2	0.00
01/10/2023 14:10	6.3	259	13	9.0	0.00
01/10/2023 14:20	7.3	264	11	9.7	0.00
01/10/2023 14:30	7.1	264	10	8.9	0.00
01/10/2023 14:40	7.1	262	12	9.6	0.00
01/10/2023 14:50	6.8	261	12	9.3	0.00
01/10/2023 15:00	7.6	263	11	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 15:10	7.3	265	11	9.7	0.00
01/10/2023 15:20	7.5	268	10	9.6	0.00
01/10/2023 15:30	7.4	265	12	9.8	0.00
01/10/2023 15:40	7.4	264	10	9.2	0.00
01/10/2023 15:50	6.9	261	11	9.9	0.00
01/10/2023 16:00	7.9	263	11	9.7	0.00
01/10/2023 16:10	7.4	264	11	10.0	0.00
01/10/2023 16:20	7.3	260	11	9.2	0.00
01/10/2023 16:30	7.0	263	10	9.1	0.00
01/10/2023 16:40	7.3	263	11	9.9	0.00
01/10/2023 16:50	6.3	264	11	8.5	0.00
01/10/2023 17:00	6.7	261	11	9.1	0.00
01/10/2023 17:10	6.7	262	12	9.5	0.00
01/10/2023 17:20	6.2	257	13	8.2	0.00
01/10/2023 17:30	6.7	259	11	9.3	0.00
01/10/2023 17:40	6.7	254	12	9.0	0.00
01/10/2023 17:50	6.6	255	12	9.1	0.00
01/10/2023 18:00	6.5	255	12	9.5	0.00
01/10/2023 18:10	6.7	255	11	8.5	0.00
01/10/2023 18:20	6.6	257	12	9.5	0.00
01/10/2023 18:30	6.3	257	12	8.9	0.00
01/10/2023 18:40	6.5	258	13	8.8	0.00
01/10/2023 18:50	5.7	257	12	7.9	0.00
01/10/2023 19:00	5.5	258	13	7.8	0.00
01/10/2023 19:10	6.2	254	12	9.0	0.00
01/10/2023 19:20	6.4	252	12	8.5	0.00
01/10/2023 19:30	5.3	255	13	7.1	0.00
01/10/2023 19:40	4.9	253	13	7.0	0.00
01/10/2023 19:50	5.7	251	13	8.4	0.00
01/10/2023 20:00	5.7	250	15	8.4	0.00
01/10/2023 20:10	5.2	251	12	8.0	0.00
01/10/2023 20:20	4.7	254	11	7.2	0.00
01/10/2023 20:30	5.7	249	12	8.2	0.00
01/10/2023 20:40	6.0	254	12	8.7	0.00
01/10/2023 20:50	5.8	251	13	8.7	0.00
01/10/2023 21:00	5.8	249	13	8.3	0.00
01/10/2023 21:10	6.0	248	13	8.6	0.00
01/10/2023 21:20	5.9	246	13	9.0	0.00
01/10/2023 21:30	5.8	247	12	8.2	0.00
01/10/2023 21:40	5.0	246	14	9.3	0.00
01/10/2023 21:50	5.7	250	13	8.9	0.00
01/10/2023 22:00	6.0	250	12	9.7	0.00
01/10/2023 22:10	6.8	249	14	10.0	0.00
01/10/2023 22:20	6.8	252	13	9.6	0.00
01/10/2023 22:30	6.7	244	13	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 22:40	6.3	242	13	10.1	0.00
01/10/2023 22:50	5.6	242	13	8.3	0.00
01/10/2023 23:00	6.4	245	13	9.1	0.00
01/10/2023 23:10	6.4	244	12	9.1	0.00
01/10/2023 23:20	6.5	243	14	9.1	0.00
01/10/2023 23:30	6.7	240	11	10.3	0.00
01/10/2023 23:40	6.5	241	13	9.2	0.00
01/10/2023 23:50	5.8	241	15	8.4	0.00
02/10/2023 00:00	5.9	238	13	8.8	0.00
02/10/2023 00:10	5.2	242	14	7.9	0.00
02/10/2023 00:20	6.2	242	12	9.1	0.00
02/10/2023 00:30	5.6	240	14	7.5	0.00
02/10/2023 00:40	6.2	244	14	8.6	0.00
02/10/2023 00:50	5.8	242	12	8.3	0.00
02/10/2023 01:00	5.3	246	12	7.0	0.00
02/10/2023 01:10	5.4	243	13	7.6	0.00
02/10/2023 01:20	5.5	245	13	8.3	0.00
02/10/2023 01:30	5.9	245	14	9.0	0.00
02/10/2023 01:40	6.5	249	12	9.5	0.00
02/10/2023 01:50	6.4	246	11	9.0	0.00
02/10/2023 02:00	6.9	246	13	10.4	0.00
02/10/2023 02:10	5.5	242	13	7.5	0.00
02/10/2023 02:20	5.5	244	14	7.7	0.00
02/10/2023 02:30	5.9	245	12	7.9	0.00
02/10/2023 02:40	5.9	246	12	8.1	0.00
02/10/2023 02:50	6.2	245	12	8.3	0.00
02/10/2023 03:00	6.6	248	12	9.7	0.00
02/10/2023 03:10	6.2	244	12	8.7	0.00
02/10/2023 03:20	5.6	246	13	8.5	0.00
02/10/2023 03:30	5.8	251	12	8.3	0.00
02/10/2023 03:40	5.4	247	12	8.2	0.00
02/10/2023 03:50	5.5	250	12	7.7	0.00
02/10/2023 04:00	5.3	252	11	7.5	0.00
02/10/2023 04:10	4.7	252	14	6.4	0.00
02/10/2023 04:20	4.7	249	11	6.2	0.00
02/10/2023 04:30	4.5	253	11	6.0	0.00
02/10/2023 04:40	4.8	249	12	6.9	0.00
02/10/2023 04:50	4.4	248	13	6.0	0.00
02/10/2023 05:00	4.3	248	13	6.1	0.00
02/10/2023 05:10	4.7	252	12	6.4	0.00
02/10/2023 05:20	4.2	249	12	5.9	0.00
02/10/2023 05:30	4.4	251	11	6.2	0.00
02/10/2023 05:40	4.2	252	10	6.0	0.00
02/10/2023 05:50	4.4	248	11	5.7	0.00
02/10/2023 06:00	4.4	246	10	5.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 06:10	4.3	244	11	5.6	0.00
02/10/2023 06:20	5.2	244	12	6.9	0.00
02/10/2023 06:30	4.6	248	11	6.4	0.00
02/10/2023 06:40	4.4	242	13	6.3	0.00
02/10/2023 06:50	4.4	242	14	6.0	0.00
02/10/2023 07:00	4.4	241	14	6.3	0.00
02/10/2023 07:10	4.9	237	13	7.3	0.00
02/10/2023 07:20	4.5	228	15	7.4	0.00
02/10/2023 07:30	5.2	230	14	7.5	0.00
02/10/2023 07:40	5.0	232	14	7.0	0.00
02/10/2023 07:50	5.5	233	12	7.7	0.00
02/10/2023 08:00	5.5	235	14	8.1	0.00
02/10/2023 08:10	5.3	230	14	7.4	0.00
02/10/2023 08:20	5.7	227	15	7.9	0.00
02/10/2023 08:30	5.0	236	12	7.2	0.00
02/10/2023 08:40	5.1	230	15	6.8	0.00
02/10/2023 08:50	4.4	229	15	6.6	0.00
02/10/2023 09:00	5.3	229	13	7.6	0.00
02/10/2023 09:10	4.9	226	17	7.2	0.00
02/10/2023 09:20	5.0	227	16	7.0	0.00
02/10/2023 09:30	5.2	241	13	7.0	0.00
02/10/2023 09:40	5.0	255	15	6.7	0.00
02/10/2023 09:50	4.6	267	14	6.0	0.00
02/10/2023 10:00	4.3	263	14	6.0	0.00
02/10/2023 10:10	4.3	266	18	6.2	0.00
02/10/2023 10:20	4.7	274	17	6.4	0.00
02/10/2023 10:30	5.8	277	15	7.6	0.00
02/10/2023 10:40	5.8	272	12	7.9	0.00
02/10/2023 10:50	5.7	273	14	7.5	0.00
02/10/2023 11:00	5.9	274	15	7.7	0.00
02/10/2023 11:10	5.8	274	14	7.2	0.00
02/10/2023 11:20	6.3	266	12	8.4	0.00
02/10/2023 11:30	6.3	271	14	8.0	0.00
02/10/2023 11:40	6.1	266	13	8.3	0.00
02/10/2023 11:50	6.2	270	14	8.3	0.00
02/10/2023 12:00	7.3	263	12	9.1	0.00
02/10/2023 12:10	6.9	265	11	9.1	0.00
02/10/2023 12:20	7.0	266	14	9.2	0.00
02/10/2023 12:30	7.4	262	11	10.0	0.00
02/10/2023 12:40	6.7	264	12	8.6	0.00
02/10/2023 12:50	7.0	263	11	9.7	0.00
02/10/2023 13:00	7.3	266	15	9.9	0.00
02/10/2023 13:10	7.5	263	11	9.6	0.00
02/10/2023 13:20	7.7	265	11	10.4	0.00
02/10/2023 13:30	7.9	265	13	10.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 13:40	7.6	268	12	9.9	0.00
02/10/2023 13:50	7.1	266	12	9.5	0.00
02/10/2023 14:00	7.2	263	12	9.6	0.00
02/10/2023 14:10	6.8	264	13	9.5	0.00
02/10/2023 14:20	7.3	266	12	9.5	0.00
02/10/2023 14:30	7.7	267	12	10.1	0.00
02/10/2023 14:40	7.7	266	13	10.5	0.00
02/10/2023 14:50	7.2	268	13	9.2	0.00
02/10/2023 15:00	6.8	268	13	8.5	0.00
02/10/2023 15:10	6.6	264	14	9.1	0.00
02/10/2023 15:20	7.2	264	11	9.9	0.00
02/10/2023 15:30	6.6	261	13	9.3	0.00
02/10/2023 15:40	6.5	265	12	9.3	0.00
02/10/2023 15:50	6.5	264	13	9.8	0.00
02/10/2023 16:00	5.9	268	14	8.2	0.00
02/10/2023 16:10	5.8	265	14	9.2	0.00
02/10/2023 16:20	5.9	271	14	8.1	0.00
02/10/2023 16:30	5.2	269	14	8.0	0.00
02/10/2023 16:40	5.5	272	13	7.1	0.00
02/10/2023 16:50	5.3	270	15	7.3	0.00
02/10/2023 17:00	5.0	269	14	6.8	0.00
02/10/2023 17:10	5.1	265	13	7.2	0.00
02/10/2023 17:20	4.7	275	13	6.5	0.00
02/10/2023 17:30	4.4	264	14	6.1	0.00
02/10/2023 17:40	4.5	265	15	6.3	0.00
02/10/2023 17:50	4.0	269	16	5.8	0.00
02/10/2023 18:00	4.8	264	10	6.7	0.00
02/10/2023 18:10	4.4	261	11	6.3	0.00
02/10/2023 18:20	4.5	257	12	6.0	0.00
02/10/2023 18:30	4.2	261	13	5.7	0.00
02/10/2023 18:40	4.5	260	12	6.0	0.00
02/10/2023 18:50	4.7	260	12	6.7	0.00
02/10/2023 19:00	4.7	262	11	6.4	0.00
02/10/2023 19:10	4.8	259	11	6.4	0.00
02/10/2023 19:20	4.7	259	12	6.6	0.00
02/10/2023 19:30	4.9	262	9	6.7	0.00
02/10/2023 19:40	4.5	265	13	6.2	0.00
02/10/2023 19:50	4.4	265	11	6.0	0.00
02/10/2023 20:00	5.1	266	9	6.8	0.00
02/10/2023 20:10	4.6	263	10	6.4	0.00
02/10/2023 20:20	4.6	264	10	6.0	0.00
02/10/2023 20:30	4.5	265	11	6.2	0.00
02/10/2023 20:40	4.9	263	10	6.4	0.00
02/10/2023 20:50	4.9	264	9	6.1	0.00
02/10/2023 21:00	4.5	263	9	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 21:10	4.5	262	8	5.8	0.00
02/10/2023 21:20	4.6	263	8	5.9	0.00
02/10/2023 21:30	4.5	263	9	5.9	0.00
02/10/2023 21:40	4.4	263	9	5.3	0.00
02/10/2023 21:50	3.9	265	9	5.2	0.00
02/10/2023 22:00	3.4	263	9	4.4	0.00
02/10/2023 22:10	3.7	262	8	4.9	0.00
02/10/2023 22:20	4.1	263	7	5.0	0.00
02/10/2023 22:30	3.9	266	7	4.8	0.00
02/10/2023 22:40	3.0	264	8	4.1	0.00
02/10/2023 22:50	2.3	267	9	2.8	0.00
02/10/2023 23:00	2.3	265	8	3.0	0.00
02/10/2023 23:10	2.1	259	8	2.8	0.00
02/10/2023 23:20	2.5	256	8	3.1	0.00
02/10/2023 23:30	1.9	249	11	2.6	0.00
02/10/2023 23:40	0.7	247	9	1.2	0.00
02/10/2023 23:50	0.5	246	10	1.2	0.00
03/10/2023 00:00	1.6	271	8	2.0	0.00
03/10/2023 00:10	2.2	268	7	2.6	0.00
03/10/2023 00:20	2.7	258	8	3.2	0.00
03/10/2023 00:30	2.9	255	8	3.8	0.00
03/10/2023 00:40	2.5	257	9	3.3	0.00
03/10/2023 00:50	2.4	258	8	2.9	0.00
03/10/2023 01:00	3.1	255	8	3.7	0.00
03/10/2023 01:10	3.1	255	10	3.9	0.00
03/10/2023 01:20	2.5	255	10	3.2	0.00
03/10/2023 01:30	2.2	253	9	2.8	0.00
03/10/2023 01:40	1.7	251	12	2.6	0.00
03/10/2023 01:50	1.8	260	16	2.7	0.00
03/10/2023 02:00	1.3	245	17	2.2	0.00
03/10/2023 02:10	1.1	237	20	1.9	0.00
03/10/2023 02:20	1.1	239	10	1.5	0.00
03/10/2023 02:30	0.9	249	14	1.4	0.00
03/10/2023 02:40	0.7	214	29	1.0	0.00
03/10/2023 02:50	1.1	247	11	1.4	0.00
03/10/2023 03:00	0.9	230	18	1.4	0.00
03/10/2023 03:10	1.1	245	13	1.6	0.00
03/10/2023 03:20	1.2	229	15	2.0	0.00
03/10/2023 03:30	1.8	234	16	3.2	0.00
03/10/2023 03:40	1.7	214	30	3.0	0.00
03/10/2023 03:50	0.5	258	50	1.0	0.00
03/10/2023 04:00	1.2	279	15	1.6	0.00
03/10/2023 04:10	1.6	289	12	2.2	0.00
03/10/2023 04:20	1.6	281	10	2.1	0.00
03/10/2023 04:30	2.0	254	8	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 04:40	2.5	249	9	3.0	0.00
03/10/2023 04:50	2.1	245	10	2.8	0.00
03/10/2023 05:00	1.9	247	11	2.4	0.00
03/10/2023 05:10	2.2	247	11	2.8	0.00
03/10/2023 05:20	2.5	249	9	3.3	0.00
03/10/2023 05:30	1.7	238	11	2.5	0.00
03/10/2023 05:40	1.8	230	14	2.6	0.00
03/10/2023 05:50	2.1	233	13	2.8	0.00
03/10/2023 06:00	1.3	222	42	2.2	0.00
03/10/2023 06:10	1.0	135	49	2.1	0.00
03/10/2023 06:20	1.2	195	63	2.1	0.00
03/10/2023 06:30	2.0	231	18	3.3	0.00
03/10/2023 06:40	2.0	220	19	2.8	0.00
03/10/2023 06:50	1.2	227	23	1.7	0.00
03/10/2023 07:00	1.2	142	41	2.3	0.00
03/10/2023 07:10	2.1	138	33	3.4	0.00
03/10/2023 07:20	2.2	142	25	3.8	0.00
03/10/2023 07:30	2.6	115	14	4.0	0.00
03/10/2023 07:40	3.6	116	13	4.8	0.00
03/10/2023 07:50	3.1	130	17	4.4	0.00
03/10/2023 08:00	3.5	131	16	5.4	0.00
03/10/2023 08:10	3.3	132	17	4.8	0.00
03/10/2023 08:20	3.4	135	18	4.9	0.00
03/10/2023 08:30	3.5	131	18	5.3	0.00
03/10/2023 08:40	4.2	112	15	5.4	0.00
03/10/2023 08:50	4.5	101	12	6.4	0.00
03/10/2023 09:00	3.9	111	14	5.2	0.00
03/10/2023 09:10	4.3	102	14	5.7	0.00
03/10/2023 09:20	3.9	92	15	5.6	0.00
03/10/2023 09:30	4.0	93	14	5.5	0.00
03/10/2023 09:40	4.5	88	12	6.4	0.00
03/10/2023 09:50	3.9	96	14	5.7	0.00
03/10/2023 10:00	4.7	76	13	6.3	0.00
03/10/2023 10:10	4.8	76	11	7.1	0.00
03/10/2023 10:20	4.7	79	12	7.4	0.00
03/10/2023 10:30	4.9	78	12	6.8	0.00
03/10/2023 10:40	5.5	79	12	7.2	0.00
03/10/2023 10:50	5.8	75	12	7.4	0.00
03/10/2023 11:00	6.7	82	11	8.2	0.00
03/10/2023 11:10	6.1	79	11	7.8	0.00
03/10/2023 11:20	5.8	74	11	8.2	0.00
03/10/2023 11:30	5.9	80	12	7.9	0.00
03/10/2023 11:40	6.0	79	11	8.3	0.00
03/10/2023 11:50	5.8	84	12	7.4	0.00
03/10/2023 12:00	5.7	84	14	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 12:10	5.7	74	12	7.3	0.00
03/10/2023 12:20	6.1	75	12	7.9	0.00
03/10/2023 12:30	6.4	80	12	8.5	0.00
03/10/2023 12:40	5.9	82	14	8.3	0.00
03/10/2023 12:50	6.7	78	10	8.1	0.00
03/10/2023 13:00	5.7	71	15	7.4	0.00
03/10/2023 13:10	5.9	68	11	8.0	0.00
03/10/2023 13:20	5.6	72	14	8.2	0.00
03/10/2023 13:30	5.6	76	10	7.6	0.00
03/10/2023 13:40	5.4	72	12	7.3	0.00
03/10/2023 13:50	5.7	74	12	7.3	0.00
03/10/2023 14:00	5.5	80	14	7.7	0.00
03/10/2023 14:10	5.3	77	12	7.1	0.00
03/10/2023 14:20	5.6	74	13	7.6	0.00
03/10/2023 14:30	4.6	71	10	6.5	0.00
03/10/2023 14:40	4.3	49	20	6.0	0.00
03/10/2023 14:50	3.1	16	18	4.7	0.00
03/10/2023 15:00	2.8	4	19	4.9	0.00
03/10/2023 15:10	3.0	349	20	4.0	0.00
03/10/2023 15:20	2.4	6	22	3.6	0.00
03/10/2023 15:30	3.6	353	16	5.2	0.00
03/10/2023 15:40	3.6	345	15	5.1	0.00
03/10/2023 15:50	3.1	354	17	4.1	0.00
03/10/2023 16:00	3.7	343	15	4.8	0.00
03/10/2023 16:10	4.1	344	14	5.6	0.00
03/10/2023 16:20	2.9	178	20	4.4	0.00
03/10/2023 16:30	3.0	344	17	4.4	0.00
03/10/2023 16:40	3.4	337	16	4.7	0.00
03/10/2023 16:50	2.4	316	21	3.6	0.00
03/10/2023 17:00	2.2	306	17	3.5	0.00
03/10/2023 17:10	3.1	296	15	4.8	0.00
03/10/2023 17:20	2.5	316	16	3.6	0.00
03/10/2023 17:30	2.6	291	18	3.9	0.00
03/10/2023 17:40	3.3	288	11	4.5	0.00
03/10/2023 17:50	2.5	277	20	3.9	0.00
03/10/2023 18:00	2.7	266	19	4.5	0.00
03/10/2023 18:10	5.1	260	10	6.9	0.00
03/10/2023 18:20	4.5	251	11	6.0	0.00
03/10/2023 18:30	4.6	259	12	5.7	0.00
03/10/2023 18:40	5.1	261	10	6.8	0.00
03/10/2023 18:50	5.0	256	11	6.7	0.00
03/10/2023 19:00	4.9	257	10	6.1	0.00
03/10/2023 19:10	5.0	257	11	6.3	0.00
03/10/2023 19:20	4.2	258	10	5.6	0.00
03/10/2023 19:30	4.1	251	10	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 19:40	3.8	256	10	4.8	0.00
03/10/2023 19:50	4.2	251	12	5.6	0.00
03/10/2023 20:00	4.2	258	11	5.6	0.00
03/10/2023 20:10	4.4	259	10	5.6	0.00
03/10/2023 20:20	4.6	262	10	6.4	0.00
03/10/2023 20:30	4.6	256	10	6.3	0.00
03/10/2023 20:40	3.6	260	9	5.2	0.00
03/10/2023 20:50	3.5	253	12	4.8	0.00
03/10/2023 21:00	3.8	255	11	4.9	0.00
03/10/2023 21:10	3.8	256	11	4.9	0.00
03/10/2023 21:20	3.3	251	10	4.1	0.00
03/10/2023 21:30	3.7	251	12	4.8	0.00
03/10/2023 21:40	3.4	245	10	5.1	0.00
03/10/2023 21:50	3.7	246	11	5.5	0.00
03/10/2023 22:00	3.4	252	11	4.9	0.00
03/10/2023 22:10	3.7	253	9	5.0	0.00
03/10/2023 22:20	3.7	246	11	4.8	0.00
03/10/2023 22:30	4.2	248	11	6.2	0.00
03/10/2023 22:40	4.2	253	12	5.2	0.00
03/10/2023 22:50	3.7	254	11	4.9	0.00
03/10/2023 23:00	3.4	250	12	4.4	0.00
03/10/2023 23:10	3.5	248	11	4.8	0.00
03/10/2023 23:20	2.9	248	10	3.7	0.00
03/10/2023 23:30	3.0	249	9	4.0	0.00
03/10/2023 23:40	3.4	258	11	4.4	0.00
03/10/2023 23:50	3.1	240	12	4.5	0.00
04/10/2023 00:00	3.1	247	12	4.8	0.00
04/10/2023 00:10	3.0	243	12	4.3	0.00
04/10/2023 00:20	2.9	245	12	4.0	0.00
04/10/2023 00:30	3.5	254	12	5.0	0.00
04/10/2023 00:40	3.2	252	10	4.3	0.00
04/10/2023 00:50	1.9	223	31	3.5	0.00
04/10/2023 01:00	2.9	233	16	4.4	0.00
04/10/2023 01:10	3.6	239	13	5.4	0.00
04/10/2023 01:20	3.7	235	11	5.2	0.00
04/10/2023 01:30	3.0	231	12	4.4	0.00
04/10/2023 01:40	2.9	233	13	4.3	0.00
04/10/2023 01:50	3.2	243	11	4.0	0.00
04/10/2023 02:00	3.1	237	14	4.4	0.00
04/10/2023 02:10	3.0	230	14	4.0	0.00
04/10/2023 02:20	2.9	234	15	4.0	0.00
04/10/2023 02:30	3.0	245	12	3.8	0.00
04/10/2023 02:40	3.5	236	11	4.8	0.00
04/10/2023 02:50	3.2	240	14	4.4	0.00
04/10/2023 03:00	2.6	247	11	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 03:10	2.9	249	15	3.8	0.00
04/10/2023 03:20	2.4	234	17	3.7	0.00
04/10/2023 03:30	2.3	237	14	3.2	0.00
04/10/2023 03:40	2.9	253	12	3.6	0.00
04/10/2023 03:50	2.2	250	14	3.5	0.00
04/10/2023 04:00	2.4	253	12	3.1	0.00
04/10/2023 04:10	3.0	263	8	4.1	0.00
04/10/2023 04:20	2.8	265	10	4.0	0.00
04/10/2023 04:30	1.9	256	10	2.3	0.00
04/10/2023 04:40	1.7	257	15	2.1	0.00
04/10/2023 04:50	1.6	169	23	2.7	0.00
04/10/2023 05:00	1.1	215	46	1.5	0.00
04/10/2023 05:10	3.7	94	31	6.6	0.00
04/10/2023 05:20	3.6	106	14	6.0	0.00
04/10/2023 05:30	2.8	102	13	3.8	0.00
04/10/2023 05:40	2.4	69	9	3.2	0.00
04/10/2023 05:50	2.2	73	9	2.9	0.00
04/10/2023 06:00	1.6	78	17	2.3	0.00
04/10/2023 06:10	1.6	99	21	2.2	0.00
04/10/2023 06:20	1.7	97	9	2.4	0.00
04/10/2023 06:30	1.5	110	11	2.1	0.00
04/10/2023 06:40	1.6	96	12	2.4	0.00
04/10/2023 06:50	1.7	80	13	2.0	0.00
04/10/2023 07:00	2.6	80	10	3.6	0.00
04/10/2023 07:10	2.8	88	12	3.7	0.00
04/10/2023 07:20	3.0	95	13	4.0	0.00
04/10/2023 07:30	3.0	96	14	3.9	0.00
04/10/2023 07:40	3.4	95	11	4.5	0.00
04/10/2023 07:50	3.5	100	15	5.6	0.00
04/10/2023 08:00	4.6	94	13	6.5	0.00
04/10/2023 08:10	5.0	94	12	7.2	0.00
04/10/2023 08:20	5.0	101	12	6.8	0.00
04/10/2023 08:30	5.5	99	14	7.5	0.00
04/10/2023 08:40	6.0	102	12	8.2	0.00
04/10/2023 08:50	6.1	99	12	8.1	0.00
04/10/2023 09:00	6.7	102	10	8.7	0.00
04/10/2023 09:10	6.1	104	13	8.7	0.00
04/10/2023 09:20	6.6	98	13	9.1	0.00
04/10/2023 09:30	6.4	92	13	9.1	0.00
04/10/2023 09:40	7.3	95	13	9.5	0.00
04/10/2023 09:50	7.0	95	13	9.6	0.00
04/10/2023 10:00	7.9	88	11	10.8	0.00
04/10/2023 10:10	7.3	88	12	9.6	0.00
04/10/2023 10:20	6.2	91	14	8.3	0.00
04/10/2023 10:30	6.2	86	12	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 10:40	6.7	82	14	9.1	0.00
04/10/2023 10:50	7.6	87	11	10.2	0.00
04/10/2023 11:00	7.2	94	11	9.9	0.00
04/10/2023 11:10	6.6	88	12	9.6	0.00
04/10/2023 11:20	7.5	82	12	9.5	0.00
04/10/2023 11:30	7.7	81	12	10.2	0.00
04/10/2023 11:40	7.6	77	12	9.7	0.00
04/10/2023 11:50	7.9	81	11	10.9	0.00
04/10/2023 12:00	7.2	81	12	9.5	0.00
04/10/2023 12:10	6.8	78	12	9.9	0.00
04/10/2023 12:20	7.7	81	12	10.0	0.00
04/10/2023 12:30	7.3	81	11	9.6	0.00
04/10/2023 12:40	6.5	76	12	8.5	0.00
04/10/2023 12:50	7.2	78	14	9.5	0.00
04/10/2023 13:00	6.4	76	10	9.1	0.00
04/10/2023 13:10	6.4	83	13	9.1	0.00
04/10/2023 13:20	6.1	81	13	8.6	0.00
04/10/2023 13:30	6.4	76	12	8.6	0.00
04/10/2023 13:40	6.4	66	12	8.1	0.00
04/10/2023 13:50	5.8	66	14	8.0	0.00
04/10/2023 14:00	5.6	68	11	7.8	0.00
04/10/2023 14:10	5.3	67	14	7.7	0.00
04/10/2023 14:20	5.5	60	13	8.3	0.00
04/10/2023 14:30	5.1	68	14	7.4	0.00
04/10/2023 14:40	4.7	62	16	6.6	0.00
04/10/2023 14:50	5.3	61	13	7.3	0.00
04/10/2023 15:00	5.0	65	14	6.6	0.00
04/10/2023 15:10	5.2	64	13	6.8	0.00
04/10/2023 15:20	4.7	70	14	6.4	0.00
04/10/2023 15:30	4.5	68	15	6.0	0.00
04/10/2023 15:40	3.5	64	15	4.7	0.00
04/10/2023 15:50	4.3	72	13	5.9	0.00
04/10/2023 16:00	4.2	78	14	6.0	0.00
04/10/2023 16:10	4.0	66	14	5.5	0.00
04/10/2023 16:20	3.7	58	12	4.8	0.00
04/10/2023 16:30	4.0	55	13	5.2	0.00
04/10/2023 16:40	3.4	51	13	4.7	0.00
04/10/2023 16:50	2.3	16	28	3.4	0.00
04/10/2023 17:00	2.2	181	26	3.5	0.00
04/10/2023 17:10	2.1	351	19	2.9	0.00
04/10/2023 17:20	2.4	352	21	3.3	0.00
04/10/2023 17:30	2.5	6	21	3.5	0.00
04/10/2023 17:40	2.5	180	21	4.1	0.00
04/10/2023 17:50	3.1	3	17	4.6	0.00
04/10/2023 18:00	3.1	7	16	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 18:10	3.5	1	15	5.2	0.00
04/10/2023 18:20	3.3	3	17	4.7	0.00
04/10/2023 18:30	2.9	6	16	4.1	0.00
04/10/2023 18:40	2.9	18	18	4.0	0.00
04/10/2023 18:50	2.4	29	23	3.6	0.00
04/10/2023 19:00	3.2	177	21	4.8	0.00
04/10/2023 19:10	2.9	353	19	4.4	0.00
04/10/2023 19:20	2.3	9	23	3.6	0.00
04/10/2023 19:30	2.0	15	20	3.4	0.00
04/10/2023 19:40	2.4	7	22	4.6	0.00
04/10/2023 19:50	2.6	8	19	4.0	0.00
04/10/2023 20:00	2.6	186	19	4.1	0.00
04/10/2023 20:10	2.6	14	21	4.3	0.00
04/10/2023 20:20	2.5	18	18	4.2	0.00
04/10/2023 20:30	1.2	126	53	2.4	0.00
04/10/2023 20:40	1.0	189	53	1.6	0.00
04/10/2023 20:50	1.8	280	15	2.6	0.00
04/10/2023 21:00	1.6	265	12	2.4	0.00
04/10/2023 21:10	1.5	252	14	2.1	0.00
04/10/2023 21:20	1.4	219	14	2.0	0.00
04/10/2023 21:30	1.0	228	17	1.7	0.00
04/10/2023 21:40	1.8	229	10	2.4	0.00
04/10/2023 21:50	1.5	230	10	2.0	0.00
04/10/2023 22:00	2.4	246	10	3.4	0.00
04/10/2023 22:10	2.4	241	13	3.2	0.00
04/10/2023 22:20	2.6	246	9	3.3	0.00
04/10/2023 22:30	2.5	246	11	3.5	0.00
04/10/2023 22:40	2.9	240	12	4.0	0.00
04/10/2023 22:50	3.3	247	11	4.2	0.00
04/10/2023 23:00	3.6	243	11	4.6	0.00
04/10/2023 23:10	3.3	247	10	4.0	0.00
04/10/2023 23:20	2.7	245	9	3.5	0.00
04/10/2023 23:30	2.7	246	11	4.0	0.00
04/10/2023 23:40	3.0	245	13	4.1	0.00
04/10/2023 23:50	2.7	241	12	3.4	0.00
05/10/2023 00:00	2.2	246	10	2.8	0.00
05/10/2023 00:10	2.3	242	12	3.3	0.00
05/10/2023 00:20	2.2	240	14	2.9	0.00
05/10/2023 00:30	2.9	244	10	3.9	0.00
05/10/2023 00:40	3.1	241	10	4.0	0.00
05/10/2023 00:50	2.5	252	11	3.3	0.00
05/10/2023 01:00	2.7	253	9	3.2	0.00
05/10/2023 01:10	2.8	252	10	3.7	0.00
05/10/2023 01:20	2.7	252	10	3.7	0.00
05/10/2023 01:30	1.7	250	10	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 01:40	1.5	240	14	2.0	0.00
05/10/2023 01:50	1.5	239	14	2.2	0.00
05/10/2023 02:00	1.5	250	10	2.0	0.00
05/10/2023 02:10	0.5	157	22	1.1	0.00
05/10/2023 02:20	0.6	32	29	0.8	0.00
05/10/2023 02:30	1.0	294	7	1.3	0.00
05/10/2023 02:40	1.2	265	15	2.0	0.00
05/10/2023 02:50	2.5	251	11	3.4	0.00
05/10/2023 03:00	3.1	247	10	4.3	0.00
05/10/2023 03:10	2.0	237	10	2.6	0.00
05/10/2023 03:20	2.3	248	11	3.1	0.00
05/10/2023 03:30	2.5	251	10	3.6	0.00
05/10/2023 03:40	2.0	241	13	2.7	0.00
05/10/2023 03:50	1.6	222	26	2.6	0.00
05/10/2023 04:00	1.6	201	39	2.9	0.00
05/10/2023 04:10	1.7	208	50	3.3	0.00
05/10/2023 04:20	1.6	244	37	3.1	0.00
05/10/2023 04:30	1.9	231	38	3.3	0.00
05/10/2023 04:40	2.3	221	39	3.9	0.00
05/10/2023 04:50	2.8	222	34	4.4	0.00
05/10/2023 05:00	2.4	227	33	3.6	0.00
05/10/2023 05:10	2.3	223	20	3.4	0.00
05/10/2023 05:20	2.1	221	24	3.2	0.00
05/10/2023 05:30	2.1	234	22	3.1	0.00
05/10/2023 05:40	1.8	229	23	2.9	0.00
05/10/2023 05:50	1.7	222	24	2.5	0.00
05/10/2023 06:00	1.7	225	30	2.6	0.00
05/10/2023 06:10	1.3	223	19	1.8	0.00
05/10/2023 06:20	0.7	216	49	1.6	0.00
05/10/2023 06:30	4.7	102	19	8.7	0.00
05/10/2023 06:40	4.1	109	33	6.3	0.00
05/10/2023 06:50	3.5	115	18	5.2	0.00
05/10/2023 07:00	3.6	100	13	5.1	0.00
05/10/2023 07:10	3.3	88	13	4.7	0.00
05/10/2023 07:20	3.8	85	9	5.2	0.00
05/10/2023 07:30	3.5	89	10	4.8	0.00
05/10/2023 07:40	2.8	83	12	4.3	0.00
05/10/2023 07:50	2.9	91	14	4.0	0.00
05/10/2023 08:00	3.6	81	11	5.4	0.00
05/10/2023 08:10	3.6	86	11	5.0	0.00
05/10/2023 08:20	4.0	86	14	5.0	0.00
05/10/2023 08:30	4.7	90	13	7.1	0.00
05/10/2023 08:40	4.8	86	13	7.2	0.00
05/10/2023 08:50	4.4	92	16	5.7	0.00
05/10/2023 09:00	4.8	88	14	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 09:10	4.9	87	14	6.9	0.00
05/10/2023 09:20	5.5	98	12	8.3	0.00
05/10/2023 09:30	5.5	94	13	7.5	0.00
05/10/2023 09:40	6.3	89	13	8.6	0.00
05/10/2023 09:50	5.7	93	11	8.0	0.00
05/10/2023 10:00	5.6	92	13	8.4	0.00
05/10/2023 10:10	5.6	85	11	7.8	0.00
05/10/2023 10:20	6.0	82	12	7.9	0.00
05/10/2023 10:30	6.1	84	12	8.3	0.00
05/10/2023 10:40	5.5	79	11	7.2	0.00
05/10/2023 10:50	5.6	75	13	7.8	0.00
05/10/2023 11:00	5.3	77	12	7.2	0.00
05/10/2023 11:10	5.3	86	12	6.9	0.00
05/10/2023 11:20	5.5	84	15	7.4	0.00
05/10/2023 11:30	5.9	91	10	7.6	0.00
05/10/2023 11:40	5.9	90	12	7.9	0.00
05/10/2023 11:50	5.5	92	11	7.6	0.00
05/10/2023 12:00	5.3	81	16	7.2	0.00
05/10/2023 12:10	5.7	81	15	7.8	0.00
05/10/2023 12:20	5.9	81	13	8.1	0.00
05/10/2023 12:30	6.0	85	13	8.1	0.00
05/10/2023 12:40	5.8	78	13	8.3	0.00
05/10/2023 12:50	6.7	71	13	9.5	0.00
05/10/2023 13:00	5.5	73	11	8.0	0.00
05/10/2023 13:10	5.9	62	14	8.0	0.00
05/10/2023 13:20	6.0	68	14	8.1	0.00
05/10/2023 13:30	5.9	65	14	8.0	0.00
05/10/2023 13:40	6.0	71	13	7.8	0.00
05/10/2023 13:50	6.2	67	12	8.3	0.00
05/10/2023 14:00	6.0	67	14	8.3	0.00
05/10/2023 14:10	6.0	70	11	8.3	0.00
05/10/2023 14:20	6.2	75	10	8.3	0.00
05/10/2023 14:30	5.3	75	12	7.4	0.00
05/10/2023 14:40	4.2	50	19	6.6	0.00
05/10/2023 14:50	4.0	35	22	6.4	0.00
05/10/2023 15:00	3.2	38	20	5.3	0.00
05/10/2023 15:10	3.0	12	31	4.4	0.00
05/10/2023 15:20	3.7	181	18	5.0	0.00
05/10/2023 15:30	3.5	181	20	4.8	0.00
05/10/2023 15:40	3.7	356	20	5.2	0.00
05/10/2023 15:50	3.9	173	17	5.2	0.00
05/10/2023 16:00	3.7	7	18	5.4	0.00
05/10/2023 16:10	3.4	12	16	4.8	0.00
05/10/2023 16:20	3.8	7	15	5.2	0.00
05/10/2023 16:30	3.7	3	18	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 16:40	3.7	1	14	4.8	0.00
05/10/2023 16:50	3.6	3	18	4.9	0.00
05/10/2023 17:00	3.6	354	15	5.1	0.00
05/10/2023 17:10	3.7	354	17	5.2	0.00
05/10/2023 17:20	3.6	353	18	5.1	0.00
05/10/2023 17:30	3.1	351	18	4.2	0.00
05/10/2023 17:40	3.1	352	19	4.7	0.00
05/10/2023 17:50	2.6	328	20	3.8	0.00
05/10/2023 18:00	2.6	342	21	3.8	0.00
05/10/2023 18:10	3.0	325	16	4.6	0.00
05/10/2023 18:20	3.6	323	13	5.2	0.00
05/10/2023 18:30	3.4	325	18	5.3	0.00
05/10/2023 18:40	3.7	326	15	4.9	0.00
05/10/2023 18:50	2.9	322	18	4.4	0.00
05/10/2023 19:00	2.9	326	18	4.5	0.00
05/10/2023 19:10	2.9	325	17	4.7	0.00
05/10/2023 19:20	3.0	326	18	4.1	0.00
05/10/2023 19:30	2.3	325	19	3.4	0.00
05/10/2023 19:40	2.4	321	21	3.8	0.00
05/10/2023 19:50	2.3	325	17	3.4	0.00
05/10/2023 20:00	2.9	313	19	4.3	0.00
05/10/2023 20:10	2.3	318	21	4.0	0.00
05/10/2023 20:20	2.6	314	16	3.6	0.00
05/10/2023 20:30	2.7	307	15	4.3	0.00
05/10/2023 20:40	2.9	315	17	4.4	0.00
05/10/2023 20:50	3.2	307	14	4.3	0.00
05/10/2023 21:00	3.2	283	18	4.4	0.00
05/10/2023 21:10	3.1	276	16	4.4	0.00
05/10/2023 21:20	2.9	269	14	3.7	0.00
05/10/2023 21:30	2.8	274	15	3.6	0.00
05/10/2023 21:40	2.8	258	8	3.4	0.00
05/10/2023 21:50	2.2	256	6	2.6	0.00
05/10/2023 22:00	2.6	253	7	3.1	0.00
05/10/2023 22:10	2.1	241	9	2.8	0.00
05/10/2023 22:20	2.1	236	10	2.8	0.00
05/10/2023 22:30	2.1	242	13	2.9	0.00
05/10/2023 22:40	1.9	249	10	2.4	0.00
05/10/2023 22:50	2.3	255	9	3.1	0.00
05/10/2023 23:00	2.2	247	10	2.8	0.00
05/10/2023 23:10	2.3	253	10	3.2	0.00
05/10/2023 23:20	1.7	245	9	2.2	0.00
05/10/2023 23:30	1.4	248	12	2.0	0.00
05/10/2023 23:40	1.3	257	14	1.9	0.00
05/10/2023 23:50	2.5	267	10	3.5	0.00
06/10/2023 00:00	2.6	268	9	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 00:10	2.9	264	9	3.8	0.00
06/10/2023 00:20	3.1	260	11	4.0	0.00
06/10/2023 00:30	2.7	252	10	3.4	0.00
06/10/2023 00:40	2.9	263	10	3.6	0.00
06/10/2023 00:50	2.5	260	9	3.3	0.00
06/10/2023 01:00	2.2	242	11	3.2	0.00
06/10/2023 01:10	2.8	234	13	4.2	0.00
06/10/2023 01:20	3.2	232	13	4.4	0.00
06/10/2023 01:30	2.9	247	13	4.0	0.00
06/10/2023 01:40	3.5	255	11	4.6	0.00
06/10/2023 01:50	3.3	251	12	4.2	0.00
06/10/2023 02:00	2.2	258	11	2.8	0.00
06/10/2023 02:10	2.1	236	16	3.6	0.00
06/10/2023 02:20	3.3	229	16	5.2	0.00
06/10/2023 02:30	2.9	237	13	4.7	0.00
06/10/2023 02:40	2.2	252	12	2.9	0.00
06/10/2023 02:50	2.4	247	13	3.2	0.00
06/10/2023 03:00	2.1	231	15	3.0	0.00
06/10/2023 03:10	1.7	223	16	2.6	0.00
06/10/2023 03:20	1.4	238	20	2.1	0.00
06/10/2023 03:30	1.0	272	17	1.6	0.00
06/10/2023 03:40	1.2	267	15	2.0	0.00
06/10/2023 03:50	1.3	324	34	1.7	0.00
06/10/2023 04:00	1.2	143	31	2.0	0.00
06/10/2023 04:10	1.0	272	42	2.0	0.00
06/10/2023 04:20	1.2	258	65	2.2	0.00
06/10/2023 04:30	1.3	176	45	2.6	0.00
06/10/2023 04:40	2.5	270	10	3.0	0.00
06/10/2023 04:50	2.4	260	7	3.0	0.00
06/10/2023 05:00	1.8	268	7	2.5	0.00
06/10/2023 05:10	2.1	278	6	2.5	0.00
06/10/2023 05:20	1.6	269	9	2.1	0.00
06/10/2023 05:30	0.2	202	18	0.9	0.00
06/10/2023 05:40	0.2	125	8	0.8	0.00
06/10/2023 05:50	0.6	265	15	1.1	0.00
06/10/2023 06:00	0.9	183	19	1.2	0.00
06/10/2023 06:10	0.9	26	12	1.2	0.00
06/10/2023 06:20	0.4	13	34	0.8	0.00
06/10/2023 06:30	0.7	331	21	1.0	0.00
06/10/2023 06:40	0.5	177	10	0.8	0.00
06/10/2023 06:50	0.5	262	13	1.0	0.00
06/10/2023 07:00	0.7	220	19	1.3	0.00
06/10/2023 07:10	0.7	177	29	1.1	0.00
06/10/2023 07:20	0.7	98	83	1.5	0.00
06/10/2023 07:30	1.4	143	33	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 07:40	2.5	134	16	3.8	0.00
06/10/2023 07:50	2.9	129	17	4.3	0.00
06/10/2023 08:00	2.9	126	15	4.7	0.00
06/10/2023 08:10	4.9	103	12	6.5	0.00
06/10/2023 08:20	4.5	101	13	6.4	0.00
06/10/2023 08:30	5.2	97	10	7.2	0.00
06/10/2023 08:40	5.7	97	12	8.1	0.00
06/10/2023 08:50	5.8	99	11	7.5	0.00
06/10/2023 09:00	5.9	102	12	8.0	0.00
06/10/2023 09:10	6.1	101	12	8.5	0.00
06/10/2023 09:20	6.5	97	13	8.7	0.00
06/10/2023 09:30	6.9	96	9	8.7	0.00
06/10/2023 09:40	5.8	93	12	7.7	0.00
06/10/2023 09:50	5.7	90	13	7.9	0.00
06/10/2023 10:00	6.3	93	13	8.7	0.00
06/10/2023 10:10	6.3	96	11	8.7	0.00
06/10/2023 10:20	6.1	92	14	8.4	0.00
06/10/2023 10:30	6.0	89	10	7.9	0.00
06/10/2023 10:40	6.3	91	12	8.4	0.00
06/10/2023 10:50	6.7	90	14	9.1	0.00
06/10/2023 11:00	6.9	84	12	9.1	0.00
06/10/2023 11:10	6.3	85	13	9.0	0.00
06/10/2023 11:20	6.8	83	12	8.6	0.00
06/10/2023 11:30	6.3	81	12	8.5	0.00
06/10/2023 11:40	7.2	78	12	9.6	0.00
06/10/2023 11:50	7.1	80	12	9.8	0.00
06/10/2023 12:00	6.6	78	13	9.9	0.00
06/10/2023 12:10	7.0	81	10	9.1	0.00
06/10/2023 12:20	6.6	87	11	8.7	0.00
06/10/2023 12:30	6.4	85	12	8.7	0.00
06/10/2023 12:40	6.2	79	13	9.4	0.00
06/10/2023 12:50	6.5	76	11	8.7	0.00
06/10/2023 13:00	5.9	81	14	8.2	0.00
06/10/2023 13:10	6.5	73	12	8.9	0.00
06/10/2023 13:20	6.1	70	13	8.3	0.00
06/10/2023 13:30	6.5	67	13	8.5	0.00
06/10/2023 13:40	6.2	69	13	8.3	0.00
06/10/2023 13:50	6.2	68	11	8.0	0.00
06/10/2023 14:00	6.0	61	13	8.3	0.00
06/10/2023 14:10	5.7	64	13	8.0	0.00
06/10/2023 14:20	5.2	71	13	7.3	0.00
06/10/2023 14:30	4.9	66	11	6.5	0.00
06/10/2023 14:40	6.0	68	11	7.4	0.00
06/10/2023 14:50	5.1	73	11	7.1	0.00
06/10/2023 15:00	5.3	77	12	7.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 15:10	5.2	77	12	7.4	0.00
06/10/2023 15:20	4.4	58	14	6.0	0.00
06/10/2023 15:30	4.9	68	13	7.0	0.00
06/10/2023 15:40	4.9	63	12	6.7	0.00
06/10/2023 15:50	4.7	54	13	6.2	0.00
06/10/2023 16:00	3.4	193	22	5.1	0.00
06/10/2023 16:10	3.1	352	20	4.3	0.00
06/10/2023 16:20	3.1	355	17	4.4	0.00
06/10/2023 16:30	3.3	350	17	4.5	0.00
06/10/2023 16:40	3.7	350	17	5.3	0.00
06/10/2023 16:50	4.0	172	16	5.6	0.00
06/10/2023 17:00	3.7	22	11	4.9	0.00
06/10/2023 17:10	3.0	188	19	4.6	0.00
06/10/2023 17:20	4.1	340	13	5.7	0.00
06/10/2023 17:30	4.0	340	13	5.8	0.00
06/10/2023 17:40	4.4	338	14	6.0	0.00
06/10/2023 17:50	3.3	331	18	4.7	0.00
06/10/2023 18:00	3.2	313	13	4.5	0.00
06/10/2023 18:10	3.4	312	14	5.2	0.00
06/10/2023 18:20	2.8	316	13	4.2	0.00
06/10/2023 18:30	3.4	314	12	4.8	0.00
06/10/2023 18:40	3.3	316	13	4.5	0.00
06/10/2023 18:50	3.5	317	13	4.9	0.00
06/10/2023 19:00	2.6	322	15	4.0	0.00
06/10/2023 19:10	2.5	296	20	3.6	0.00
06/10/2023 19:20	2.5	284	17	3.8	0.00
06/10/2023 19:30	2.6	268	16	3.6	0.00
06/10/2023 19:40	3.8	264	10	5.0	0.00
06/10/2023 19:50	3.2	261	8	4.3	0.00
06/10/2023 20:00	3.7	261	7	4.6	0.00
06/10/2023 20:10	2.6	248	11	3.5	0.00
06/10/2023 20:20	2.4	257	8	3.1	0.00
06/10/2023 20:30	2.5	254	9	3.2	0.00
06/10/2023 20:40	2.7	251	10	3.6	0.00
06/10/2023 20:50	2.2	252	14	3.1	0.00
06/10/2023 21:00	2.5	250	9	3.2	0.00
06/10/2023 21:10	2.5	251	12	3.2	0.00
06/10/2023 21:20	2.5	249	9	3.3	0.00
06/10/2023 21:30	2.7	246	9	3.3	0.00
06/10/2023 21:40	2.4	247	10	3.2	0.00
06/10/2023 21:50	2.7	252	11	3.6	0.00
06/10/2023 22:00	3.1	251	9	3.8	0.00
06/10/2023 22:10	3.1	250	10	4.0	0.00
06/10/2023 22:20	3.3	253	9	4.0	0.00
06/10/2023 22:30	2.8	253	9	3.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 22:40	2.7	255	10	3.4	0.00
06/10/2023 22:50	3.2	255	9	4.0	0.00
06/10/2023 23:00	3.2	255	9	4.5	0.00
06/10/2023 23:10	2.4	242	9	3.1	0.00
06/10/2023 23:20	2.8	246	10	3.8	0.00
06/10/2023 23:30	3.2	252	9	4.0	0.00
06/10/2023 23:40	3.0	253	10	3.9	0.00
06/10/2023 23:50	2.6	249	9	3.6	0.00
07/10/2023 00:00	2.5	260	8	3.4	0.00
07/10/2023 00:10	2.7	252	13	3.3	0.00
07/10/2023 00:20	2.8	248	13	3.7	0.00
07/10/2023 00:30	3.1	250	9	4.0	0.00
07/10/2023 00:40	2.7	255	10	3.5	0.00
07/10/2023 00:50	2.8	255	9	3.6	0.00
07/10/2023 01:00	2.8	251	12	3.9	0.00
07/10/2023 01:10	2.8	230	35	4.0	0.00
07/10/2023 01:20	2.4	182	31	4.0	0.00
07/10/2023 01:30	1.5	154	50	2.4	0.00
07/10/2023 01:40	1.0	172	64	1.6	0.00
07/10/2023 01:50	1.3	204	42	1.9	0.00
07/10/2023 02:00	1.7	170	28	2.4	0.00
07/10/2023 02:10	1.9	314	28	2.8	0.00
07/10/2023 02:20	2.7	250	17	4.6	0.00
07/10/2023 02:30	1.0	208	46	1.9	0.00
07/10/2023 02:40	1.8	280	13	2.2	0.00
07/10/2023 02:50	2.1	271	15	2.9	0.00
07/10/2023 03:00	2.1	271	9	3.0	0.00
07/10/2023 03:10	2.0	261	10	2.8	0.00
07/10/2023 03:20	1.2	272	14	1.7	0.00
07/10/2023 03:30	1.2	262	20	1.7	0.00
07/10/2023 03:40	1.4	268	14	2.2	0.00
07/10/2023 03:50	2.0	274	8	2.7	0.00
07/10/2023 04:00	1.8	273	10	2.4	0.00
07/10/2023 04:10	1.8	278	10	2.4	0.00
07/10/2023 04:20	2.2	278	10	2.8	0.00
07/10/2023 04:30	0.9	286	16	1.6	0.00
07/10/2023 04:40	0.9	297	21	1.4	0.00
07/10/2023 04:50	0.8	196	37	1.8	0.00
07/10/2023 05:00	1.0	193	83	1.9	0.00
07/10/2023 05:10	1.4	125	29	2.3	0.00
07/10/2023 05:20	1.1	109	24	1.7	0.00
07/10/2023 05:30	1.4	88	20	2.2	0.00
07/10/2023 05:40	1.6	86	24	2.4	0.00
07/10/2023 05:50	1.7	60	14	2.4	0.00
07/10/2023 06:00	1.6	66	17	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 06:10	1.7	64	13	2.4	0.00
07/10/2023 06:20	1.3	77	22	2.4	0.00
07/10/2023 06:30	1.5	84	32	2.5	0.00
07/10/2023 06:40	1.6	90	24	2.6	0.00
07/10/2023 06:50	1.8	112	18	3.0	0.00
07/10/2023 07:00	2.3	116	17	3.6	0.00
07/10/2023 07:10	2.7	112	17	4.0	0.00
07/10/2023 07:20	2.6	120	17	3.9	0.00
07/10/2023 07:30	3.3	103	14	4.8	0.00
07/10/2023 07:40	3.4	111	13	5.0	0.00
07/10/2023 07:50	3.9	93	12	5.6	0.00
07/10/2023 08:00	3.9	90	13	5.4	0.00
07/10/2023 08:10	3.9	89	11	5.2	0.00
07/10/2023 08:20	4.1	98	11	6.0	0.00
07/10/2023 08:30	4.6	99	11	6.2	0.00
07/10/2023 08:40	4.4	100	15	6.2	0.00
07/10/2023 08:50	4.8	100	12	7.1	0.00
07/10/2023 09:00	5.0	90	11	7.5	0.00
07/10/2023 09:10	6.6	88	13	9.3	0.00
07/10/2023 09:20	6.1	86	12	8.3	0.00
07/10/2023 09:30	6.5	91	11	8.5	0.00
07/10/2023 09:40	6.5	84	11	8.6	0.00
07/10/2023 09:50	6.1	82	14	8.4	0.00
07/10/2023 10:00	6.5	81	12	8.3	0.00
07/10/2023 10:10	6.6	86	12	8.8	0.00
07/10/2023 10:20	6.0	87	12	8.7	0.00
07/10/2023 10:30	5.9	81	12	8.3	0.00
07/10/2023 10:40	5.8	88	13	8.3	0.00
07/10/2023 10:50	5.4	86	14	7.9	0.00
07/10/2023 11:00	6.4	74	13	8.7	0.00
07/10/2023 11:10	7.3	82	10	9.7	0.00
07/10/2023 11:20	7.1	85	10	9.4	0.00
07/10/2023 11:30	7.7	80	11	9.9	0.00
07/10/2023 11:40	7.0	82	11	9.1	0.00
07/10/2023 11:50	7.1	81	12	9.9	0.00
07/10/2023 12:00	7.1	80	13	9.7	0.00
07/10/2023 12:10	6.3	81	14	8.5	0.00
07/10/2023 12:20	7.4	79	12	9.9	0.00
07/10/2023 12:30	6.9	81	12	9.7	0.00
07/10/2023 12:40	6.9	83	11	9.3	0.00
07/10/2023 12:50	6.9	76	11	8.8	0.00
07/10/2023 13:00	6.7	76	12	8.7	0.00
07/10/2023 13:10	6.2	74	11	8.4	0.00
07/10/2023 13:20	5.8	68	13	7.9	0.00
07/10/2023 13:30	5.1	58	12	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 13:40	5.6	72	11	7.5	0.00
07/10/2023 13:50	5.9	70	12	7.8	0.00
07/10/2023 14:00	5.7	69	13	8.0	0.00
07/10/2023 14:10	5.5	68	13	7.4	0.00
07/10/2023 14:20	5.4	65	11	7.3	0.00
07/10/2023 14:30	5.4	58	12	7.6	0.00
07/10/2023 14:40	4.9	55	12	7.1	0.00
07/10/2023 14:50	4.6	54	17	6.8	0.00
07/10/2023 15:00	4.4	41	15	6.0	0.00
07/10/2023 15:10	5.2	43	12	6.8	0.00
07/10/2023 15:20	5.2	49	13	7.1	0.00
07/10/2023 15:30	5.0	42	13	6.8	0.00
07/10/2023 15:40	5.5	49	12	7.0	0.00
07/10/2023 15:50	4.6	48	11	6.4	0.00
07/10/2023 16:00	3.8	23	21	5.6	0.00
07/10/2023 16:10	3.5	17	20	5.2	0.00
07/10/2023 16:20	4.5	45	15	6.2	0.00
07/10/2023 16:30	3.6	30	18	5.5	0.00
07/10/2023 16:40	3.1	26	19	4.8	0.00
07/10/2023 16:50	3.2	20	18	4.4	0.00
07/10/2023 17:00	3.0	32	17	4.4	0.00
07/10/2023 17:10	3.1	35	15	4.5	0.00
07/10/2023 17:20	2.7	31	20	3.6	0.00
07/10/2023 17:30	2.6	19	18	4.0	0.00
07/10/2023 17:40	2.7	24	19	4.4	0.00
07/10/2023 17:50	2.6	15	14	3.6	0.00
07/10/2023 18:00	2.6	11	13	3.6	0.00
07/10/2023 18:10	2.8	14	11	3.5	0.00
07/10/2023 18:20	2.7	16	12	3.5	0.00
07/10/2023 18:30	2.6	35	12	3.6	0.00
07/10/2023 18:40	2.9	33	13	3.9	0.00
07/10/2023 18:50	3.1	25	11	4.2	0.00
07/10/2023 19:00	3.2	25	12	4.3	0.00
07/10/2023 19:10	2.7	27	15	3.6	0.00
07/10/2023 19:20	3.4	22	13	4.4	0.00
07/10/2023 19:30	3.4	22	12	4.4	0.00
07/10/2023 19:40	3.4	17	13	4.9	0.00
07/10/2023 19:50	3.2	17	13	4.4	0.00
07/10/2023 20:00	2.5	19	17	3.7	0.00
07/10/2023 20:10	2.7	23	13	3.8	0.00
07/10/2023 20:20	1.8	30	22	2.8	0.00
07/10/2023 20:30	0.9	194	47	1.6	0.00
07/10/2023 20:40	0.7	212	57	1.4	0.00
07/10/2023 20:50	1.3	214	35	1.8	0.00
07/10/2023 21:00	0.7	198	37	1.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 21:10	0.7	150	35	1.2	0.00
07/10/2023 21:20	0.9	98	52	1.3	0.00
07/10/2023 21:30	0.4	203	19	0.8	0.00
07/10/2023 21:40	0.5	229	41	1.1	0.00
07/10/2023 21:50	0.8	128	43	1.4	0.00
07/10/2023 22:00	0.5	214	32	1.2	0.00
07/10/2023 22:10	1.2	99	23	2.1	0.00
07/10/2023 22:20	1.0	187	41	1.7	0.00
07/10/2023 22:30	1.1	230	33	1.8	0.00
07/10/2023 22:40	2.0	239	11	2.5	0.00
07/10/2023 22:50	1.3	247	11	1.7	0.00
07/10/2023 23:00	1.5	236	12	2.3	0.00
07/10/2023 23:10	1.4	231	14	1.9	0.00
07/10/2023 23:20	1.6	243	12	2.1	0.00
07/10/2023 23:30	1.9	239	12	2.4	0.00
07/10/2023 23:40	1.2	247	14	1.7	0.00
07/10/2023 23:50	1.0	263	12	1.3	0.00
08/10/2023 00:00	0.3	163	4	1.2	0.00
08/10/2023 00:10	0.8	27	6	1.2	0.00
08/10/2023 00:20					0.00
08/10/2023 00:30	0.8	267	10	1.2	0.00
08/10/2023 00:40	0.1	264	3	0.8	0.00
08/10/2023 00:50	1.1	256	9	1.5	0.00
08/10/2023 01:00	1.4	234	12	1.9	0.00
08/10/2023 01:10	1.7	250	12	2.4	0.00
08/10/2023 01:20	0.5	206	16	1.2	0.00
08/10/2023 01:30	0.6	258	7	1.0	0.00
08/10/2023 01:40	0.4	238	6	0.8	0.00
08/10/2023 01:50					0.00
08/10/2023 02:00	0.7	255	10	1.4	0.00
08/10/2023 02:10	0.5	171	20	1.2	0.00
08/10/2023 02:20	0.6	180	7	1.0	0.00
08/10/2023 02:30	1.2	296	8	1.6	0.00
08/10/2023 02:40	0.4	207	10	0.8	0.00
08/10/2023 02:50	1.0	301	10	1.6	0.00
08/10/2023 03:00	0.7	155	8	1.5	0.00
08/10/2023 03:10	0.9	195	38	1.5	0.00
08/10/2023 03:20	0.9	167	35	1.2	0.00
08/10/2023 03:30	0.3	175	7	0.8	0.00
08/10/2023 03:40	0.4	173	19	0.8	0.00
08/10/2023 03:50	0.3	205	8	0.8	0.00
08/10/2023 04:00	0.5	276	8	0.9	0.00
08/10/2023 04:10	0.4	258	18	0.8	0.00
08/10/2023 04:20	0.3	302	2	1.1	0.00
08/10/2023 04:30	0.9	260	14	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 04:40	1.0	257	13	1.8	0.00
08/10/2023 04:50	0.9	172	20	1.6	0.00
08/10/2023 05:00	0.7	289	8	1.3	0.00
08/10/2023 05:10	1.1	199	34	1.4	0.00
08/10/2023 05:20	0.9	204	53	1.6	0.00
08/10/2023 05:30	0.6	73	50	1.2	0.00
08/10/2023 05:40	0.7	171	32	1.2	0.00
08/10/2023 05:50	0.8	9	59	1.1	0.00
08/10/2023 06:00	0.7	88	17	1.4	0.00
08/10/2023 06:10	0.7	57	15	1.2	0.00
08/10/2023 06:20	1.0	74	16	2.0	0.00
08/10/2023 06:30	1.3	94	18	2.4	0.00
08/10/2023 06:40	1.1	92	14	1.6	0.00
08/10/2023 06:50	1.3	88	14	1.9	0.00
08/10/2023 07:00	1.1	91	13	1.6	0.00
08/10/2023 07:10	1.3	92	13	1.7	0.00
08/10/2023 07:20	1.2	98	12	1.7	0.00
08/10/2023 07:30	1.7	87	12	2.2	0.00
08/10/2023 07:40	1.9	88	12	2.6	0.00
08/10/2023 07:50	2.2	100	15	3.0	0.00
08/10/2023 08:00	2.9	95	9	3.9	0.00
08/10/2023 08:10	2.7	107	12	3.6	0.00
08/10/2023 08:20	2.6	120	15	3.8	0.00
08/10/2023 08:30	2.5	125	15	3.8	0.00
08/10/2023 08:40	2.3	127	17	3.2	0.00
08/10/2023 08:50	2.6	110	13	3.8	0.00
08/10/2023 09:00	3.0	96	14	4.5	0.00
08/10/2023 09:10	3.2	97	13	4.6	0.00
08/10/2023 09:20	3.5	94	15	4.8	0.00
08/10/2023 09:30	4.2	84	13	5.5	0.00
08/10/2023 09:40	4.1	77	14	5.3	0.00
08/10/2023 09:50	3.9	81	15	5.1	0.00
08/10/2023 10:00	4.8	81	12	6.0	0.00
08/10/2023 10:10	5.0	88	13	6.8	0.00
08/10/2023 10:20	4.7	83	12	6.4	0.00
08/10/2023 10:30	5.6	82	10	7.3	0.00
08/10/2023 10:40	6.1	82	11	8.0	0.00
08/10/2023 10:50	6.2	86	12	9.1	0.00
08/10/2023 11:00	6.7	86	12	8.7	0.00
08/10/2023 11:10	6.8	81	12	8.9	0.00
08/10/2023 11:20	6.7	79	10	9.4	0.00
08/10/2023 11:30	7.0	73	12	9.1	0.00
08/10/2023 11:40	7.5	74	13	9.4	0.00
08/10/2023 11:50	6.7	73	11	9.5	0.00
08/10/2023 12:00	7.3	72	13	9.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 12:10	7.3	73	11	9.5	0.00
08/10/2023 12:20	7.3	78	10	10.1	0.00
08/10/2023 12:30	7.8	75	11	11.1	0.00
08/10/2023 12:40	7.1	75	11	9.5	0.00
08/10/2023 12:50	7.8	74	12	10.3	0.00
08/10/2023 13:00	8.0	78	10	10.4	0.00
08/10/2023 13:10	6.9	77	12	9.7	0.00
08/10/2023 13:20	7.4	79	11	10.4	0.00
08/10/2023 13:30	6.8	76	12	9.1	0.00
08/10/2023 13:40	6.6	65	11	9.4	0.00
08/10/2023 13:50	7.5	68	12	10.0	0.00
08/10/2023 14:00	7.4	71	13	9.8	0.00
08/10/2023 14:10	7.1	70	11	9.3	0.00
08/10/2023 14:20	7.4	64	13	10.1	0.00
08/10/2023 14:30	7.3	69	13	10.3	0.00
08/10/2023 14:40	6.7	67	12	9.3	0.00
08/10/2023 14:50	5.8	66	13	8.1	0.00
08/10/2023 15:00	6.3	54	17	8.2	0.00
08/10/2023 15:10	6.5	51	15	9.1	0.00
08/10/2023 15:20	7.0	41	12	8.7	0.00
08/10/2023 15:30	6.9	48	14	9.3	0.00
08/10/2023 15:40	6.1	52	13	8.6	0.00
08/10/2023 15:50	6.7	54	12	9.1	0.00
08/10/2023 16:00	5.9	48	13	8.2	0.00
08/10/2023 16:10	5.8	42	12	7.8	0.00
08/10/2023 16:20	6.2	46	13	8.3	0.00
08/10/2023 16:30	6.1	49	11	7.6	0.00
08/10/2023 16:40	5.7	52	10	7.4	0.00
08/10/2023 16:50	5.6	49	12	8.0	0.00
08/10/2023 17:00	5.0	47	13	6.8	0.00
08/10/2023 17:10	4.6	43	12	6.0	0.00
08/10/2023 17:20	4.0	38	14	5.8	0.00
08/10/2023 17:30	3.3	29	15	5.3	0.00
08/10/2023 17:40	3.5	16	18	5.6	0.00
08/10/2023 17:50	3.5	23	18	5.1	0.00
08/10/2023 18:00	3.1	29	17	4.7	0.00
08/10/2023 18:10	3.3	40	16	4.6	0.00
08/10/2023 18:20	3.5	39	13	5.2	0.00
08/10/2023 18:30	4.7	40	11	6.0	0.00
08/10/2023 18:40	4.6	37	12	6.2	0.00
08/10/2023 18:50	4.3	38	10	6.0	0.00
08/10/2023 19:00	4.5	39	12	5.8	0.00
08/10/2023 19:10	4.0	27	15	5.3	0.00
08/10/2023 19:20	3.2	29	14	4.9	0.00
08/10/2023 19:30	3.5	35	13	4.9	0.00



Yara Pilbara Nitrates- Burrup Road
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 19:40	2.7	25	15	4.2	0.00
08/10/2023 19:50	3.3	17	16	4.8	0.00
08/10/2023 20:00	3.1	17	15	4.6	0.00
08/10/2023 20:10	3.2	17	13	4.4	0.00
08/10/2023 20:20	3.0	11	15	4.4	0.00
08/10/2023 20:30	3.2	13	17	4.5	0.00
08/10/2023 20:40	3.2	13	14	4.6	0.00
08/10/2023 20:50	3.4	14	14	4.8	0.00
08/10/2023 21:00	3.2	14	17	4.4	0.00
08/10/2023 21:10	1.9	340	24	3.6	0.00
08/10/2023 21:20	2.2	317	20	3.3	0.00
08/10/2023 21:30	1.9	309	20	3.7	0.00
08/10/2023 21:40	1.4	279	22	2.4	0.00
08/10/2023 21:50	1.3	222	17	1.8	0.00
08/10/2023 22:00	0.9	233	43	1.8	0.00
08/10/2023 22:10	1.8	228	12	2.6	0.00
08/10/2023 22:20	2.2	247	18	3.2	0.00
08/10/2023 22:30	1.7	228	25	2.3	0.00
08/10/2023 22:40	2.4	241	13	3.2	0.00
08/10/2023 22:50	2.1	233	13	2.8	0.00
08/10/2023 23:00	2.3	229	15	3.2	0.00
08/10/2023 23:10	2.1	236	13	2.9	0.00
08/10/2023 23:20	2.1	229	12	2.8	0.00
08/10/2023 23:30	1.2	153	50	1.9	0.00
08/10/2023 23:40	0.7	274	40	1.2	0.00
08/10/2023 23:50	0.6	189	30	1.2	0.00
09/10/2023 00:00	1.0	317	50	1.6	0.00
09/10/2023 00:10	0.8	244	66	1.6	0.00
09/10/2023 00:20	0.9	262	46	1.2	0.00
09/10/2023 00:30	0.8	248	17	1.2	0.00
09/10/2023 00:40	0.3	235	12	0.8	0.00
09/10/2023 00:50	1.3	244	14	2.2	0.00
09/10/2023 01:00	0.2	270	5	0.9	0.00
09/10/2023 01:10	1.0	250	9	1.6	0.00
09/10/2023 01:20	1.0	173	32	1.5	0.00
09/10/2023 01:30	0.3	30	17	1.1	0.00
09/10/2023 01:40	0.8	329	15	1.2	0.00
09/10/2023 01:50	0.7	341	31	0.9	0.00
09/10/2023 02:00	1.8	65	15	3.4	0.00
09/10/2023 02:10	1.8	96	12	2.4	0.00
09/10/2023 02:20	1.6	140	33	2.4	0.00
09/10/2023 02:30	1.1	228	67	2.3	0.00
09/10/2023 02:40	0.9	141	43	1.3	0.00
09/10/2023 02:50	0.8	288	41	1.8	0.00
09/10/2023 03:00	0.8	293	39	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 03:10	0.5	156	41	1.6	0.00
09/10/2023 03:20	1.8	163	36	2.6	0.00
09/10/2023 03:30	0.8	109	48	1.1	0.00
09/10/2023 03:40	0.8	318	29	1.4	0.00
09/10/2023 03:50	0.9	9	48	1.7	0.00
09/10/2023 04:00	0.8	285	19	1.2	0.00
09/10/2023 04:10	1.0	173	21	1.5	0.00
09/10/2023 04:20	1.1	287	16	1.5	0.00
09/10/2023 04:30	0.5	276	4	1.3	0.00
09/10/2023 04:40	1.5	155	34	2.0	0.00
09/10/2023 04:50	0.9	303	25	1.7	0.00
09/10/2023 05:00	1.3	26	19	1.8	0.00
09/10/2023 05:10	0.9	304	32	1.6	0.00
09/10/2023 05:20	0.9	196	51	1.3	0.00
09/10/2023 05:30	1.1	184	39	1.4	0.00
09/10/2023 05:40	0.7	240	47	1.2	0.00
09/10/2023 05:50	0.7	179	15	1.2	0.00
09/10/2023 06:00	0.9	169	73	1.5	0.00
09/10/2023 06:10	1.0	70	35	1.8	0.00
09/10/2023 06:20	0.4	98	59	0.9	0.00
09/10/2023 06:30	0.6	179	59	1.2	0.00
09/10/2023 06:40	0.5	79	19	0.9	0.00
09/10/2023 06:50	1.0	66	53	1.6	0.00
09/10/2023 07:00	0.8	107	20	1.4	0.00
09/10/2023 07:10	0.8	92	21	1.2	0.00
09/10/2023 07:20	1.0	111	21	1.6	0.00
09/10/2023 07:30	1.1	132	20	1.6	0.00
09/10/2023 07:40	1.4	107	20	2.0	0.00
09/10/2023 07:50	1.4	103	18	2.0	0.00
09/10/2023 08:00	1.8	121	17	2.7	0.00
09/10/2023 08:10	1.6	119	23	2.4	0.00
09/10/2023 08:20	1.9	104	18	2.7	0.00
09/10/2023 08:30	2.1	90	14	2.8	0.00
09/10/2023 08:40	1.8	105	21	2.7	0.00
09/10/2023 08:50	1.4	99	70	2.7	0.00
09/10/2023 09:00	1.4	115	28	2.3	0.00
09/10/2023 09:10	1.9	106	27	2.9	0.00
09/10/2023 09:20	1.7	90	28	2.8	0.00
09/10/2023 09:30	2.2	101	21	3.2	0.00
09/10/2023 09:40	1.7	112	27	2.4	0.00
09/10/2023 09:50	1.9	107	33	2.8	0.00
09/10/2023 10:00	1.9	64	36	3.0	0.00
09/10/2023 10:10	2.2	101	24	3.5	0.00
09/10/2023 10:20	1.9	118	23	2.9	0.00
09/10/2023 10:30	2.8	111	16	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 10:40	2.7	107	22	4.0	0.00
09/10/2023 10:50	3.1	101	18	4.2	0.00
09/10/2023 11:00	1.8	162	37	4.1	0.00
09/10/2023 11:10	2.5	290	17	3.6	0.00
09/10/2023 11:20	2.9	293	20	4.4	0.00
09/10/2023 11:30	3.0	297	15	4.1	0.00
09/10/2023 11:40	2.8	293	14	4.1	0.00
09/10/2023 11:50	3.1	298	15	4.0	0.00
09/10/2023 12:00	2.3	180	23	3.7	0.00
09/10/2023 12:10	2.8	359	25	4.3	0.00
09/10/2023 12:20	3.2	175	23	4.7	0.00
09/10/2023 12:30	3.2	345	27	4.8	0.00
09/10/2023 12:40	3.3	334	19	4.8	0.00
09/10/2023 12:50	3.0	342	26	4.8	0.00
09/10/2023 13:00	3.0	347	25	4.4	0.00
09/10/2023 13:10	3.4	347	24	4.8	0.00
09/10/2023 13:20	3.4	344	22	5.2	0.00
09/10/2023 13:30	3.4	357	22	5.3	0.00
09/10/2023 13:40	3.7	342	18	5.2	0.00
09/10/2023 13:50	3.7	340	18	5.5	0.00
09/10/2023 14:00	3.8	342	18	5.2	0.00
09/10/2023 14:10	3.4	346	19	5.4	0.00
09/10/2023 14:20	3.2	175	19	4.8	0.00
09/10/2023 14:30	3.2	10	22	4.8	0.00
09/10/2023 14:40	2.9	14	30	4.8	0.00
09/10/2023 14:50	3.4	16	21	5.0	0.00
09/10/2023 15:00	3.7	175	25	5.6	0.00
09/10/2023 15:10	3.5	23	22	5.5	0.00
09/10/2023 15:20	4.5	31	17	6.8	0.00
09/10/2023 15:30	4.1	25	18	6.5	0.00
09/10/2023 15:40	3.8	6	23	5.5	0.00
09/10/2023 15:50	3.4	6	22	5.8	0.00
09/10/2023 16:00	3.9	10	20	5.7	0.00
09/10/2023 16:10	4.5	17	15	6.3	0.00
09/10/2023 16:20	3.5	18	19	5.2	0.00
09/10/2023 16:30	3.9	18	17	5.8	0.00
09/10/2023 16:40	3.9	17	20	5.8	0.00
09/10/2023 16:50	3.5	16	19	5.3	0.00
09/10/2023 17:00	3.8	18	21	5.5	0.00
09/10/2023 17:10	3.6	7	19	5.5	0.00
09/10/2023 17:20	3.5	12	18	5.2	0.00
09/10/2023 17:30	3.6	19	15	5.3	0.00
09/10/2023 17:40	3.3	17	16	5.1	0.00
09/10/2023 17:50	3.1	12	16	4.4	0.00
09/10/2023 18:00	3.0	22	15	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 18:10	2.7	18	15	3.6	0.00
09/10/2023 18:20	3.1	19	14	4.7	0.00
09/10/2023 18:30	2.7	16	17	3.6	0.00
09/10/2023 18:40	2.7	18	16	4.1	0.00
09/10/2023 18:50	2.9	14	12	4.2	0.00
09/10/2023 19:00	2.6	17	14	3.8	0.00
09/10/2023 19:10	3.1	17	13	4.3	0.00
09/10/2023 19:20	2.8	10	15	4.3	0.00
09/10/2023 19:30	2.7	11	16	3.8	0.00
09/10/2023 19:40	1.8	165	25	2.8	0.00
09/10/2023 19:50	1.7	332	24	3.0	0.00
09/10/2023 20:00	1.5	302	15	2.4	0.00
09/10/2023 20:10	1.4	317	19	2.0	0.00
09/10/2023 20:20	1.3	225	45	2.0	0.00
09/10/2023 20:30	1.1	190	40	2.0	0.00
09/10/2023 20:40	1.1	249	24	2.3	0.00
09/10/2023 20:50	1.0	284	63	1.9	0.00
09/10/2023 21:00	0.8	218	39	1.5	0.00
09/10/2023 21:10	1.0	223	25	2.0	0.00
09/10/2023 21:20	1.7	252	16	2.3	0.00
09/10/2023 21:30	2.3	243	12	3.1	0.00
09/10/2023 21:40	1.5	238	18	2.2	0.00
09/10/2023 21:50	1.7	241	12	2.3	0.00
09/10/2023 22:00	2.6	251	10	3.7	0.00
09/10/2023 22:10	2.6	243	9	3.3	0.00
09/10/2023 22:20	2.5	247	9	3.2	0.00
09/10/2023 22:30	2.6	251	10	3.3	0.00
09/10/2023 22:40	2.7	251	10	3.5	0.00
09/10/2023 22:50	2.7	256	10	3.5	0.00
09/10/2023 23:00	2.7	247	10	3.6	0.00
09/10/2023 23:10	2.5	251	10	3.3	0.00
09/10/2023 23:20	2.1	244	12	2.9	0.00
09/10/2023 23:30	2.8	247	10	3.6	0.00
09/10/2023 23:40	1.6	243	11	2.1	0.00
09/10/2023 23:50	1.8	262	9	2.4	0.00
10/10/2023 00:00	2.0	262	10	2.4	0.00
10/10/2023 00:10	1.7	268	7	2.0	0.00
10/10/2023 00:20	2.1	262	7	2.5	0.00
10/10/2023 00:30	2.3	261	6	2.8	0.00
10/10/2023 00:40	2.4	259	7	2.8	0.00
10/10/2023 00:50	1.9	274	7	2.3	0.00
10/10/2023 01:00	2.2	269	7	2.7	0.00
10/10/2023 01:10	2.3	261	7	2.8	0.00
10/10/2023 01:20	1.8	275	9	2.3	0.00
10/10/2023 01:30	1.5	242	10	1.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 01:40	1.1	233	7	1.4	0.00
10/10/2023 01:50	1.2	250	12	1.5	0.00
10/10/2023 02:00	1.1	256	12	1.5	0.00
10/10/2023 02:10	1.8	267	7	2.2	0.00
10/10/2023 02:20	1.4	234	13	2.0	0.00
10/10/2023 02:30	1.8	234	7	2.3	0.00
10/10/2023 02:40	1.4	220	10	1.7	0.00
10/10/2023 02:50	1.9	248	7	2.2	0.00
10/10/2023 03:00	1.6	235	8	2.0	0.00
10/10/2023 03:10	1.4	225	13	2.0	0.00
10/10/2023 03:20	1.0	217	19	1.6	0.00
10/10/2023 03:30	1.0	237	12	1.6	0.00
10/10/2023 03:40	1.6	245	9	2.0	0.00
10/10/2023 03:50	0.8	229	8	1.4	0.00
10/10/2023 04:00	0.0	249	2	0.6	0.00
10/10/2023 04:10					0.00
10/10/2023 04:20					0.00
10/10/2023 04:30	0.4	226	8	1.3	0.00
10/10/2023 04:40	0.6	238	17	1.2	0.00
10/10/2023 04:50	0.7	269	10	1.3	0.00
10/10/2023 05:00	0.4	294	5	0.9	0.00
10/10/2023 05:10	0.6	319	16	1.2	0.00
10/10/2023 05:20	1.0	350	22	1.6	0.00
10/10/2023 05:30	0.4	309	7	1.0	0.00
10/10/2023 05:40	0.9	280	10	1.2	0.00
10/10/2023 05:50	1.3	30	11	2.2	0.00
10/10/2023 06:00	0.9	156	15	1.2	0.00
10/10/2023 06:10	0.9	295	5	1.2	0.00
10/10/2023 06:20	1.1	301	5	1.2	0.00
10/10/2023 06:30	0.4	304	3	1.0	0.00
10/10/2023 06:40	0.2	195	2	0.8	0.00
10/10/2023 06:50	0.1	78	6	0.8	0.00
10/10/2023 07:00	1.0	97	10	1.3	0.00
10/10/2023 07:10	1.5	96	16	2.5	0.00
10/10/2023 07:20	1.6	95	18	2.3	0.00
10/10/2023 07:30	1.6	94	16	2.4	0.00
10/10/2023 07:40	1.6	81	17	2.2	0.00
10/10/2023 07:50	1.3	120	23	2.0	0.00
10/10/2023 08:00	1.2	140	23	1.9	0.00
10/10/2023 08:10	1.4	122	33	2.4	0.00
10/10/2023 08:20	1.6	100	24	2.5	0.00
10/10/2023 08:30	1.3	105	41	2.0	0.00
10/10/2023 08:40	1.5	83	42	2.8	0.00
10/10/2023 08:50	1.3	84	53	2.3	0.00
10/10/2023 09:00	1.3	88	48	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 09:10	1.5	250	32	2.7	0.00
10/10/2023 09:20	1.3	180	48	2.4	0.00
10/10/2023 09:30	1.7	282	41	3.0	0.00
10/10/2023 09:40	1.4	260	48	2.4	0.00
10/10/2023 09:50	1.8	289	38	3.0	0.00
10/10/2023 10:00	1.2	317	35	2.2	0.00
10/10/2023 10:10	1.9	294	19	2.7	0.00
10/10/2023 10:20	2.1	304	20	3.2	0.00
10/10/2023 10:30	2.8	274	23	4.3	0.00
10/10/2023 10:40	3.1	277	18	4.3	0.00
10/10/2023 10:50	3.5	287	16	4.9	0.00
10/10/2023 11:00	3.7	282	19	4.8	0.00
10/10/2023 11:10	3.9	280	19	5.2	0.00
10/10/2023 11:20	3.8	291	14	5.2	0.00
10/10/2023 11:30	3.8	279	20	5.2	0.00
10/10/2023 11:40	4.1	294	12	5.3	0.00
10/10/2023 11:50	3.6	302	16	5.0	0.00
10/10/2023 12:00	4.0	296	11	5.4	0.00
10/10/2023 12:10	4.7	298	8	5.7	0.00
10/10/2023 12:20	4.6	298	9	6.0	0.00
10/10/2023 12:30	4.9	299	10	6.1	0.00
10/10/2023 12:40	5.2	298	10	6.1	0.00
10/10/2023 12:50	5.1	299	10	6.4	0.00
10/10/2023 13:00	5.0	299	8	6.4	0.00
10/10/2023 13:10	4.5	300	13	6.3	0.00
10/10/2023 13:20	4.6	299	14	5.9	0.00
10/10/2023 13:30	4.5	300	14	6.2	0.00
10/10/2023 13:40	5.1	299	10	6.6	0.00
10/10/2023 13:50	5.3	300	10	6.7	0.00
10/10/2023 14:00	4.9	301	11	6.2	0.00
10/10/2023 14:10	4.3	301	14	6.0	0.00
10/10/2023 14:20	4.0	301	14	5.6	0.00
10/10/2023 14:30	4.2	305	14	5.6	0.00
10/10/2023 14:40	3.7	304	14	5.3	0.00
10/10/2023 14:50	3.5	307	16	5.0	0.00
10/10/2023 15:00	4.3	306	12	5.6	0.00
10/10/2023 15:10	4.5	302	11	6.1	0.00
10/10/2023 15:20	3.7	304	17	5.2	0.00
10/10/2023 15:30	3.3	314	18	4.9	0.00
10/10/2023 15:40	3.4	311	17	5.2	0.00
10/10/2023 15:50	4.3	305	15	5.8	0.00
10/10/2023 16:00	4.7	299	12	6.3	0.00
10/10/2023 16:10	4.7	294	13	6.1	0.00
10/10/2023 16:20	4.7	292	14	6.2	0.00
10/10/2023 16:30	4.5	287	15	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 16:40	4.2	286	15	5.6	0.00
10/10/2023 16:50	4.4	281	16	6.1	0.00
10/10/2023 17:00	4.6	277	15	6.4	0.00
10/10/2023 17:10	4.3	276	15	6.0	0.00
10/10/2023 17:20	4.4	280	15	6.2	0.00
10/10/2023 17:30	3.4	289	15	5.0	0.00
10/10/2023 17:40	3.5	265	14	5.4	0.00
10/10/2023 17:50	4.6	260	8	5.7	0.00
10/10/2023 18:00	4.1	264	11	5.2	0.00
10/10/2023 18:10	3.2	267	13	4.0	0.00
10/10/2023 18:20	3.2	270	14	4.4	0.00
10/10/2023 18:30	3.6	261	10	4.8	0.00
10/10/2023 18:40	3.6	259	9	4.5	0.00
10/10/2023 18:50	3.5	261	8	4.2	0.00
10/10/2023 19:00	3.5	260	8	4.1	0.00
10/10/2023 19:10	3.5	259	8	4.3	0.00
10/10/2023 19:20	3.1	260	9	3.8	0.00
10/10/2023 19:30	2.6	269	13	3.8	0.00
10/10/2023 19:40	3.1	266	13	4.1	0.00
10/10/2023 19:50	2.4	269	14	3.2	0.00
10/10/2023 20:00	2.3	262	13	2.8	0.00
10/10/2023 20:10	2.0	262	13	3.1	0.00
10/10/2023 20:20	1.4	284	20	1.9	0.00
10/10/2023 20:30	1.6	271	22	2.6	0.00
10/10/2023 20:40	2.2	272	26	3.3	0.00
10/10/2023 20:50	1.3	256	15	2.6	0.00
10/10/2023 21:00	0.4	202	16	1.5	0.00
10/10/2023 21:10	0.1	81	3	0.4	0.00
10/10/2023 21:20	1.0	230	14	2.2	0.00
10/10/2023 21:30	1.3	249	14	2.6	0.00
10/10/2023 21:40	2.5	256	12	3.4	0.00
10/10/2023 21:50	3.1	261	10	4.4	0.00
10/10/2023 22:00	2.9	263	9	4.0	0.00
10/10/2023 22:10	2.8	259	9	3.7	0.00
10/10/2023 22:20	2.4	259	9	3.6	0.00
10/10/2023 22:30	3.2	261	8	4.1	0.00
10/10/2023 22:40	2.0	253	13	2.9	0.00
10/10/2023 22:50	2.2	252	11	3.2	0.00
10/10/2023 23:00	2.7	248	12	3.8	0.00
10/10/2023 23:10	2.4	247	12	3.3	0.00
10/10/2023 23:20	3.2	239	13	4.8	0.00
10/10/2023 23:30	2.9	247	13	3.9	0.00
10/10/2023 23:40	2.5	246	11	3.3	0.00
10/10/2023 23:50	2.4	243	12	3.4	0.00
11/10/2023 00:00	3.0	246	10	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 00:10	2.6	249	9	3.4	0.00
11/10/2023 00:20	2.3	258	10	3.0	0.00
11/10/2023 00:30	3.3	254	10	4.5	0.00
11/10/2023 00:40	3.1	252	10	4.4	0.00
11/10/2023 00:50	3.5	252	10	4.9	0.00
11/10/2023 01:00	3.7	253	9	5.0	0.00
11/10/2023 01:10	2.0	250	11	2.8	0.00
11/10/2023 01:20	2.4	253	7	3.4	0.00
11/10/2023 01:30	2.2	255	10	3.1	0.00
11/10/2023 01:40	1.4	252	10	2.2	0.00
11/10/2023 01:50	1.6	247	8	2.2	0.00
11/10/2023 02:00	1.3	254	9	1.9	0.00
11/10/2023 02:10	1.0	238	6	1.2	0.00
11/10/2023 02:20	1.0	243	6	1.3	0.00
11/10/2023 02:30	1.1	245	6	1.5	0.00
11/10/2023 02:40	1.1	247	7	1.5	0.00
11/10/2023 02:50	1.1	246	7	1.6	0.00
11/10/2023 03:00	1.2	231	7	1.5	0.00
11/10/2023 03:10	0.8	257	7	1.2	0.00
11/10/2023 03:20	1.0	240	5	1.5	0.00
11/10/2023 03:30	1.6	240	7	2.2	0.00
11/10/2023 03:40	2.2	251	7	2.8	0.00
11/10/2023 03:50	1.9	231	8	2.4	0.00
11/10/2023 04:00	1.8	235	6	2.1	0.00
11/10/2023 04:10	2.0	247	8	2.6	0.00
11/10/2023 04:20	2.3	244	9	3.1	0.00
11/10/2023 04:30	2.6	246	9	3.3	0.00
11/10/2023 04:40	1.8	236	8	2.2	0.00
11/10/2023 04:50	2.3	242	8	2.9	0.00
11/10/2023 05:00	2.4	237	12	3.2	0.00
11/10/2023 05:10	2.3	243	10	3.2	0.00
11/10/2023 05:20	2.4	249	10	3.2	0.00
11/10/2023 05:30	1.9	247	12	2.8	0.00
11/10/2023 05:40	1.5	248	9	2.1	0.00
11/10/2023 05:50	2.5	247	10	3.8	0.00
11/10/2023 06:00	2.5	250	10	3.6	0.00
11/10/2023 06:10	2.1	241	13	2.7	0.00
11/10/2023 06:20	1.4	246	11	2.0	0.00
11/10/2023 06:30	2.2	247	12	2.8	0.00
11/10/2023 06:40	2.8	241	14	3.9	0.00
11/10/2023 06:50	3.3	245	12	4.4	0.00
11/10/2023 07:00	3.2	248	13	4.6	0.00
11/10/2023 07:10	4.0	250	12	5.1	0.00
11/10/2023 07:20	3.4	245	13	4.8	0.00
11/10/2023 07:30	3.2	253	13	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 07:40	3.0	255	13	4.5	0.00
11/10/2023 07:50	3.0	254	13	4.1	0.00
11/10/2023 08:00	3.3	252	12	4.4	0.00
11/10/2023 08:10	3.4	261	12	4.3	0.00
11/10/2023 08:20	3.0	269	13	3.7	0.00
11/10/2023 08:30	2.5	268	19	3.5	0.00
11/10/2023 08:40	2.8	253	13	4.0	0.00
11/10/2023 08:50	2.6	268	17	3.4	0.00
11/10/2023 09:00	3.0	263	15	4.3	0.00
11/10/2023 09:10	2.2	281	24	3.3	0.00
11/10/2023 09:20	1.7	229	26	2.7	0.00
11/10/2023 09:30	1.5	218	44	2.4	0.00
11/10/2023 09:40	1.6	241	31	2.4	0.00
11/10/2023 09:50	1.5	227	29	2.5	0.00
11/10/2023 10:00	1.2	235	52	2.3	0.00
11/10/2023 10:10	2.3	255	21	3.2	0.00
11/10/2023 10:20	2.2	251	18	3.3	0.00
11/10/2023 10:30	2.4	242	19	3.6	0.00
11/10/2023 10:40	2.4	245	17	3.2	0.00
11/10/2023 10:50	2.1	218	39	2.9	0.00
11/10/2023 11:00	2.8	102	17	4.1	0.00
11/10/2023 11:10	2.6	109	20	3.5	0.00
11/10/2023 11:20	3.1	111	19	4.7	0.00
11/10/2023 11:30	3.0	202	48	6.2	0.00
11/10/2023 11:40	3.4	293	10	4.4	0.00
11/10/2023 11:50	3.3	293	11	4.5	0.00
11/10/2023 12:00	3.3	295	10	4.4	0.00
11/10/2023 12:10	3.2	297	11	4.2	0.00
11/10/2023 12:20	3.4	297	12	4.2	0.00
11/10/2023 12:30	3.3	300	13	4.5	0.00
11/10/2023 12:40	4.0	294	10	5.1	0.00
11/10/2023 12:50	4.0	299	10	4.9	0.00
11/10/2023 13:00	3.2	312	18	4.4	0.00
11/10/2023 13:10	3.0	322	22	4.4	0.00
11/10/2023 13:20	3.3	294	16	4.5	0.00
11/10/2023 13:30	3.5	300	12	4.5	0.00
11/10/2023 13:40	3.0	299	15	4.3	0.00
11/10/2023 13:50	3.3	294	13	4.0	0.00
11/10/2023 14:00	2.5	303	31	3.7	0.00
11/10/2023 14:10	2.2	315	37	3.5	0.00
11/10/2023 14:20	2.3	312	38	4.0	0.00
11/10/2023 14:30	2.3	315	36	3.8	0.00
11/10/2023 14:40	2.4	311	28	4.0	0.00
11/10/2023 14:50	2.4	332	27	3.9	0.00
11/10/2023 15:00	2.5	339	33	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 15:10	3.4	322	23	4.8	0.00
11/10/2023 15:20	3.5	335	21	5.3	0.00
11/10/2023 15:30	3.5	315	16	4.8	0.00
11/10/2023 15:40	3.0	322	18	4.3	0.00
11/10/2023 15:50	3.0	329	20	4.3	0.00
11/10/2023 16:00	2.8	324	22	4.7	0.00
11/10/2023 16:10	2.8	324	20	4.4	0.00
11/10/2023 16:20	2.8	327	20	4.1	0.00
11/10/2023 16:30	2.7	330	21	4.2	0.00
11/10/2023 16:40	2.6	336	22	3.9	0.00
11/10/2023 16:50	2.6	333	21	4.0	0.00
11/10/2023 17:00	2.3	339	25	3.6	0.00
11/10/2023 17:10	3.0	321	23	4.8	0.00
11/10/2023 17:20	3.5	311	16	5.2	0.00
11/10/2023 17:30	3.9	308	13	5.7	0.00
11/10/2023 17:40	4.2	310	15	5.3	0.00
11/10/2023 17:50	3.9	314	14	5.1	0.00
11/10/2023 18:00	4.0	301	11	5.2	0.00
11/10/2023 18:10	3.3	311	15	5.1	0.00
11/10/2023 18:20	3.6	310	12	5.5	0.00
11/10/2023 18:30	3.1	309	13	4.6	0.00
11/10/2023 18:40	3.3	300	11	4.5	0.00
11/10/2023 18:50	3.7	298	10	4.7	0.00
11/10/2023 19:00	3.6	297	11	4.8	0.00
11/10/2023 19:10	3.1	295	10	4.0	0.00
11/10/2023 19:20	2.5	285	14	4.0	0.00
11/10/2023 19:30	2.7	279	13	3.8	0.00
11/10/2023 19:40	2.6	290	12	3.8	0.00
11/10/2023 19:50	2.5	288	13	3.6	0.00
11/10/2023 20:00	2.7	294	11	3.7	0.00
11/10/2023 20:10	3.1	299	11	4.3	0.00
11/10/2023 20:20	3.1	301	13	4.4	0.00
11/10/2023 20:30	2.4	303	13	3.4	0.00
11/10/2023 20:40	2.5	298	11	3.4	0.00
11/10/2023 20:50	2.5	295	11	3.5	0.00
11/10/2023 21:00	2.4	292	13	3.7	0.00
11/10/2023 21:10	2.0	276	17	2.8	0.00
11/10/2023 21:20	1.9	296	13	3.1	0.00
11/10/2023 21:30	2.1	292	17	3.1	0.00
11/10/2023 21:40	1.6	282	15	2.4	0.00
11/10/2023 21:50	2.1	275	15	3.0	0.00
11/10/2023 22:00	2.3	270	14	3.2	0.00
11/10/2023 22:10	2.6	265	9	3.8	0.00
11/10/2023 22:20	3.6	259	8	4.8	0.00
11/10/2023 22:30	3.6	262	9	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 22:40	3.1	262	10	4.1	0.00
11/10/2023 22:50	3.3	259	11	4.5	0.00
11/10/2023 23:00	3.5	261	9	4.7	0.00
11/10/2023 23:10	3.6	264	10	4.9	0.00
11/10/2023 23:20	3.5	262	11	4.8	0.00
11/10/2023 23:30	3.8	261	10	4.8	0.00
11/10/2023 23:40	3.9	262	10	4.8	0.00
11/10/2023 23:50	3.9	264	10	4.9	0.00
12/10/2023 00:00	4.3	262	7	5.2	0.00
12/10/2023 00:10	3.7	265	8	4.5	0.00
12/10/2023 00:20	4.4	262	7	5.3	0.00
12/10/2023 00:30	3.2	267	9	4.1	0.00
12/10/2023 00:40	4.2	261	9	5.9	0.00
12/10/2023 00:50	4.3	254	10	5.7	0.00
12/10/2023 01:00	4.4	256	10	5.7	0.00
12/10/2023 01:10	3.5	260	9	4.5	0.00
12/10/2023 01:20	3.2	257	10	4.2	0.00
12/10/2023 01:30	3.7	254	11	4.8	0.00
12/10/2023 01:40	3.3	259	9	4.8	0.00
12/10/2023 01:50	3.4	256	10	4.5	0.00
12/10/2023 02:00	3.8	254	9	5.1	0.00
12/10/2023 02:10	2.9	253	11	4.4	0.00
12/10/2023 02:20	2.7	255	10	3.7	0.00
12/10/2023 02:30	1.8	243	8	2.4	0.00
12/10/2023 02:40	1.7	251	8	2.3	0.00
12/10/2023 02:50	1.4	262	7	2.0	0.00
12/10/2023 03:00	1.5	260	8	1.9	0.00
12/10/2023 03:10	1.0	266	9	1.6	0.00
12/10/2023 03:20	0.8	275	7	1.1	0.00
12/10/2023 03:30	1.1	270	5	1.2	0.00
12/10/2023 03:40	0.9	279	7	1.0	0.00
12/10/2023 03:50	0.5	281	5	0.9	0.00
12/10/2023 04:00	0.0	293	0	0.5	0.00
12/10/2023 04:10	0.2	295	4	0.6	0.00
12/10/2023 04:20	0.7	242	5	1.2	0.00
12/10/2023 04:30	1.3	248	9	1.8	0.00
12/10/2023 04:40	2.3	253	8	2.8	0.00
12/10/2023 04:50	1.6	243	9	2.1	0.00
12/10/2023 05:00	1.2	241	10	1.6	0.00
12/10/2023 05:10	1.3	237	9	1.7	0.00
12/10/2023 05:20	0.7	239	9	1.2	0.00
12/10/2023 05:30	0.6	232	10	1.0	0.00
12/10/2023 05:40	0.4	262	8	1.0	0.00
12/10/2023 05:50					0.00
12/10/2023 06:00					0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 06:10	0.9	42	7	1.6	0.00
12/10/2023 06:20	0.6	23	9	0.9	0.00
12/10/2023 06:30	1.1	27	13	1.7	0.00
12/10/2023 06:40	0.7	40	10	1.2	0.00
12/10/2023 06:50	0.8	63	10	1.4	0.00
12/10/2023 07:00	0.7	78	21	1.2	0.00
12/10/2023 07:10	0.5	106	11	1.1	0.00
12/10/2023 07:20	0.1	121	4	0.5	0.00
12/10/2023 07:30	0.0	84	7	0.4	0.00
12/10/2023 07:40	0.9	81	14	2.0	0.00
12/10/2023 07:50	1.2	77	26	2.1	0.00
12/10/2023 08:00	1.5	56	30	2.2	0.00
12/10/2023 08:10	0.8	54	42	1.7	0.00
12/10/2023 08:20	1.3	86	25	1.9	0.00
12/10/2023 08:30	1.3	102	37	2.2	0.00
12/10/2023 08:40	1.8	116	23	2.8	0.00
12/10/2023 08:50	2.5	112	23	4.0	0.00
12/10/2023 09:00	2.6	108	14	3.6	0.00
12/10/2023 09:10	2.7	106	19	4.0	0.00
12/10/2023 09:20	3.6	112	14	4.8	0.00
12/10/2023 09:30	3.9	111	12	5.2	0.00
12/10/2023 09:40	3.8	111	12	5.0	0.00
12/10/2023 09:50	4.3	106	13	5.7	0.00
12/10/2023 10:00	5.0	106	12	6.5	0.00
12/10/2023 10:10	4.0	87	15	5.8	0.00
12/10/2023 10:20	3.7	70	16	5.4	0.00
12/10/2023 10:30	3.6	78	16	4.9	0.00
12/10/2023 10:40	3.6	71	17	5.7	0.00
12/10/2023 10:50	4.4	73	14	6.3	0.00
12/10/2023 11:00	4.5	70	11	5.7	0.00
12/10/2023 11:10	4.5	67	14	6.6	0.00
12/10/2023 11:20	4.4	63	13	6.1	0.00
12/10/2023 11:30	4.8	73	13	6.3	0.00
12/10/2023 11:40	4.3	64	12	5.8	0.00
12/10/2023 11:50	3.8	72	13	5.6	0.00
12/10/2023 12:00	3.9	66	12	5.7	0.00
12/10/2023 12:10	3.6	67	14	5.2	0.00
12/10/2023 12:20	3.2	79	17	4.8	0.00
12/10/2023 12:30	2.4	62	32	4.1	0.00
12/10/2023 12:40	2.5	28	37	4.4	0.00
12/10/2023 12:50	3.2	178	21	5.0	0.00
12/10/2023 13:00	3.5	176	17	4.4	0.00
12/10/2023 13:10	3.3	352	19	4.7	0.00
12/10/2023 13:20	3.1	351	16	4.1	0.00
12/10/2023 13:30	2.9	346	24	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 13:40	2.9	342	22	4.4	0.00
12/10/2023 13:50	2.7	3	22	3.8	0.00
12/10/2023 14:00	2.9	175	22	4.0	0.00
12/10/2023 14:10	2.6	173	24	3.9	0.00
12/10/2023 14:20	2.8	178	21	4.0	0.00
12/10/2023 14:30	2.7	351	20	4.0	0.00
12/10/2023 14:40	2.8	179	21	4.1	0.00
12/10/2023 14:50	3.2	348	15	4.5	0.00
12/10/2023 15:00	3.4	348	16	4.8	0.00
12/10/2023 15:10	3.6	19	18	5.0	0.00
12/10/2023 15:20	2.7	184	21	4.2	0.00
12/10/2023 15:30	2.5	346	29	4.0	0.00
12/10/2023 15:40	3.0	328	22	4.3	0.00
12/10/2023 15:50	3.0	319	23	4.2	0.00
12/10/2023 16:00	3.9	302	12	5.0	0.00
12/10/2023 16:10	4.0	300	14	5.3	0.00
12/10/2023 16:20	3.5	305	15	5.2	0.00
12/10/2023 16:30	3.1	312	21	4.4	0.00
12/10/2023 16:40	3.4	312	15	5.0	0.00
12/10/2023 16:50	2.2	324	26	3.9	0.00
12/10/2023 17:00	2.6	176	21	4.0	0.00
12/10/2023 17:10	2.5	181	23	4.0	0.00
12/10/2023 17:20	2.2	166	27	3.6	0.00
12/10/2023 17:30	1.9	347	28	3.2	0.00
12/10/2023 17:40	1.8	331	26	2.9	0.00
12/10/2023 17:50	1.5	328	29	2.6	0.00
12/10/2023 18:00	2.2	168	24	3.2	0.00
12/10/2023 18:10	1.9	181	24	2.7	0.00
12/10/2023 18:20	2.3	330	20	3.4	0.00
12/10/2023 18:30	2.3	308	19	3.9	0.00
12/10/2023 18:40	2.0	304	18	3.2	0.00
12/10/2023 18:50	2.5	310	15	4.3	0.00
12/10/2023 19:00	2.9	316	17	4.2	0.00
12/10/2023 19:10	2.4	323	17	3.6	0.00
12/10/2023 19:20	1.9	316	32	2.9	0.00
12/10/2023 19:30	2.0	324	18	3.0	0.00
12/10/2023 19:40	2.6	302	17	4.0	0.00
12/10/2023 19:50	2.2	311	19	3.2	0.00
12/10/2023 20:00	2.1	295	29	3.2	0.00
12/10/2023 20:10	2.5	291	14	3.6	0.00
12/10/2023 20:20	3.1	297	9	4.0	0.00
12/10/2023 20:30	3.2	298	12	4.8	0.00
12/10/2023 20:40	3.6	289	13	4.9	0.00
12/10/2023 20:50	3.5	271	17	5.3	0.00
12/10/2023 21:00	2.8	277	21	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 21:10	2.8	278	19	4.4	0.00
12/10/2023 21:20	2.7	263	16	4.4	0.00
12/10/2023 21:30	2.1	266	13	3.5	0.00
12/10/2023 21:40	2.4	266	14	3.8	0.00
12/10/2023 21:50	2.4	263	11	3.7	0.00
12/10/2023 22:00	2.5	264	13	3.8	0.00
12/10/2023 22:10	2.8	260	11	4.0	0.00
12/10/2023 22:20	3.2	265	11	4.4	0.00
12/10/2023 22:30	3.2	264	11	4.6	0.00
12/10/2023 22:40	3.7	262	9	4.7	0.00
12/10/2023 22:50	3.9	263	10	5.1	0.00
12/10/2023 23:00	3.8	262	11	5.3	0.00
12/10/2023 23:10	3.4	264	9	5.2	0.00
12/10/2023 23:20	3.8	262	10	5.2	0.00
12/10/2023 23:30	4.0	262	8	5.2	0.00
12/10/2023 23:40	3.7	261	9	5.0	0.00
12/10/2023 23:50	3.9	261	8	4.9	0.00
13/10/2023 00:00	3.5	255	10	5.1	0.00
13/10/2023 00:10	3.9	257	10	5.4	0.00
13/10/2023 00:20	4.0	259	9	5.2	0.00
13/10/2023 00:30	2.9	261	10	4.0	0.00
13/10/2023 00:40	1.4	262	13	2.8	0.00
13/10/2023 00:50	1.9	260	10	3.0	0.00
13/10/2023 01:00	2.4	254	10	3.6	0.00
13/10/2023 01:10	3.0	251	12	4.3	0.00
13/10/2023 01:20	1.7	254	12	2.9	0.00
13/10/2023 01:30	2.4	255	10	3.4	0.00
13/10/2023 01:40	2.5	255	11	3.7	0.00
13/10/2023 01:50	2.1	253	9	3.1	0.00
13/10/2023 02:00	2.0	250	11	3.0	0.00
13/10/2023 02:10	1.0	242	11	1.9	0.00
13/10/2023 02:20	1.0	252	10	1.9	0.00
13/10/2023 02:30	0.9	243	9	2.0	0.00
13/10/2023 02:40	0.0	245	1	0.4	0.00
13/10/2023 02:50	0.1	254	3	0.4	0.00
13/10/2023 03:00	0.0	254	4	0.4	0.00
13/10/2023 03:10	0.0	276	2	0.4	0.00
13/10/2023 03:20	0.0	282	2	0.4	0.00
13/10/2023 03:30	0.0	140	4	0.4	0.00
13/10/2023 03:40	0.0	327	1	0.4	0.00
13/10/2023 03:50	0.0	39	1	0.4	0.00
13/10/2023 04:00	0.2	293	3	0.4	0.00
13/10/2023 04:10	0.5	290	6	0.8	0.00
13/10/2023 04:20	0.1	252	3	0.5	0.00
13/10/2023 04:30	0.1	257	9	0.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 04:40	0.0	282	2	0.4	0.00
13/10/2023 04:50	0.0	252	2	0.4	0.00
13/10/2023 05:00	0.0	290	2	0.4	0.00
13/10/2023 05:10	0.2	274	4	0.4	0.00
13/10/2023 05:20	0.1	298	3	0.4	0.00
13/10/2023 05:30	0.2	296	4	0.4	0.00
13/10/2023 05:40	0.3	293	3	0.7	0.00
13/10/2023 05:50	0.7	208	36	1.1	0.00
13/10/2023 06:00	0.7	81	17	1.6	0.00
13/10/2023 06:10	1.1	74	16	1.6	0.00
13/10/2023 06:20	0.9	93	15	1.6	0.00
13/10/2023 06:30	1.1	98	11	2.2	0.00
13/10/2023 06:40	2.2	111	13	4.4	0.00
13/10/2023 06:50	2.3	95	11	3.0	0.00
13/10/2023 07:00	2.9	95	11	4.0	0.00
13/10/2023 07:10	3.8	93	14	5.2	0.00
13/10/2023 07:20	3.8	94	13	5.3	0.00
13/10/2023 07:30	3.7	92	12	5.3	0.00
13/10/2023 07:40	5.0	101	9	6.9	0.00
13/10/2023 07:50	5.1	102	12	6.8	0.00
13/10/2023 08:00	5.7	100	9	7.2	0.00
13/10/2023 08:10	5.2	106	9	7.1	0.00
13/10/2023 08:20	5.2	103	11	7.1	0.00
13/10/2023 08:30	5.6	100	12	7.5	0.00
13/10/2023 08:40	6.2	102	10	8.9	0.00
13/10/2023 08:50	6.2	100	13	8.3	0.00
13/10/2023 09:00	6.9	97	10	10.2	0.00
13/10/2023 09:10	6.8	92	13	9.6	0.00
13/10/2023 09:20	6.7	94	13	10.1	0.00
13/10/2023 09:30	7.0	91	13	9.9	0.00
13/10/2023 09:40	7.0	90	11	9.8	0.00
13/10/2023 09:50	6.3	89	11	8.4	0.00
13/10/2023 10:00	6.7	90	13	9.1	0.00
13/10/2023 10:10	6.8	91	11	9.2	0.00
13/10/2023 10:20	6.7	90	11	9.3	0.00
13/10/2023 10:30	7.0	88	11	9.5	0.00
13/10/2023 10:40	6.7	93	12	9.1	0.00
13/10/2023 10:50	6.0	92	12	8.7	0.00
13/10/2023 11:00	6.2	82	10	8.3	0.00
13/10/2023 11:10	6.4	78	10	7.9	0.00
13/10/2023 11:20	6.3	82	13	8.5	0.00
13/10/2023 11:30	6.6	81	11	9.2	0.00
13/10/2023 11:40	6.5	81	11	9.1	0.00
13/10/2023 11:50	6.6	82	11	8.8	0.00
13/10/2023 12:00	6.8	84	12	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 12:10	6.7	86	13	8.9	0.00
13/10/2023 12:20	6.8	81	10	9.1	0.00
13/10/2023 12:30	6.4	82	12	8.8	0.00
13/10/2023 12:40	6.3	77	14	8.0	0.00
13/10/2023 12:50	5.8	79	12	7.5	0.00
13/10/2023 13:00	5.9	72	12	8.1	0.00
13/10/2023 13:10	5.7	71	15	7.9	0.00
13/10/2023 13:20	4.9	69	14	6.9	0.00
13/10/2023 13:30	5.9	65	12	7.5	0.00
13/10/2023 13:40	5.3	64	12	7.2	0.00
13/10/2023 13:50	5.4	64	16	7.3	0.00
13/10/2023 14:00	5.2	63	11	6.9	0.00
13/10/2023 14:10	5.3	55	12	7.0	0.00
13/10/2023 14:20	5.2	61	14	7.2	0.00
13/10/2023 14:30	4.8	58	13	6.7	0.00
13/10/2023 14:40	4.5	56	15	6.4	0.00
13/10/2023 14:50	4.3	52	14	5.7	0.00
13/10/2023 15:00	4.2	50	20	6.3	0.00
13/10/2023 15:10	4.0	25	20	5.4	0.00
13/10/2023 15:20	3.3	347	22	4.4	0.00
13/10/2023 15:30	3.2	347	17	4.5	0.00
13/10/2023 15:40	4.4	43	14	6.4	0.00
13/10/2023 15:50	3.4	8	23	5.1	0.00
13/10/2023 16:00	3.0	9	21	4.8	0.00
13/10/2023 16:10	3.1	357	19	4.4	0.00
13/10/2023 16:20	3.1	349	16	4.5	0.00
13/10/2023 16:30	2.6	180	20	3.9	0.00
13/10/2023 16:40	2.5	2	19	3.6	0.00
13/10/2023 16:50	2.5	5	21	3.6	0.00
13/10/2023 17:00	2.6	180	16	3.9	0.00
13/10/2023 17:10	2.4	2	16	3.7	0.00
13/10/2023 17:20	2.0	9	20	2.8	0.00
13/10/2023 17:30	1.9	19	24	2.7	0.00
13/10/2023 17:40	2.1	14	19	3.0	0.00
13/10/2023 17:50	2.3	14	17	3.2	0.00
13/10/2023 18:00	2.1	15	17	3.2	0.00
13/10/2023 18:10	1.7	8	24	2.8	0.00
13/10/2023 18:20	0.9	137	46	1.5	0.00
13/10/2023 18:30	0.9	74	65	1.6	0.00
13/10/2023 18:40	1.1	182	36	2.1	0.00
13/10/2023 18:50	1.9	21	16	2.8	0.00
13/10/2023 19:00	2.0	21	17	2.8	0.00
13/10/2023 19:10	1.4	30	25	2.4	0.00
13/10/2023 19:20	1.1	42	59	2.0	0.00
13/10/2023 19:30	0.6	69	26	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 19:40	2.0	10	18	3.2	0.00
13/10/2023 19:50	3.0	357	17	4.3	0.00
13/10/2023 20:00	2.8	183	15	4.2	0.00
13/10/2023 20:10	2.2	15	18	3.7	0.00
13/10/2023 20:20	1.4	142	49	2.3	0.00
13/10/2023 20:30	1.4	48	77	2.8	0.00
13/10/2023 20:40	2.2	20	18	3.2	0.00
13/10/2023 20:50	1.1	247	64	1.8	0.00
13/10/2023 21:00	1.1	187	67	2.0	0.00
13/10/2023 21:10	0.9	325	86	2.0	0.00
13/10/2023 21:20	1.5	122	47	3.1	0.00
13/10/2023 21:30	1.3	113	72	2.4	0.00
13/10/2023 21:40	1.2	142	46	2.0	0.00
13/10/2023 21:50	1.0	201	67	1.7	0.00
13/10/2023 22:00	0.7	161	37	1.2	0.00
13/10/2023 22:10	0.7	224	39	1.1	0.00
13/10/2023 22:20	1.8	263	18	2.7	0.00
13/10/2023 22:30	0.9	168	51	1.5	0.00
13/10/2023 22:40	1.5	248	12	2.0	0.00
13/10/2023 22:50	1.3	238	40	1.9	0.00
13/10/2023 23:00	0.6	228	22	1.6	0.00
13/10/2023 23:10	1.4	247	14	2.0	0.00
13/10/2023 23:20	1.1	253	14	1.6	0.00
13/10/2023 23:30	1.0	239	28	1.7	0.00
13/10/2023 23:40	0.9	242	15	1.9	0.00
13/10/2023 23:50	3.0	248	11	4.4	0.00
14/10/2023 00:00	3.5	233	12	4.8	0.00
14/10/2023 00:10	3.2	257	12	4.4	0.00
14/10/2023 00:20	3.3	233	13	4.6	0.00
14/10/2023 00:30	2.8	250	11	3.9	0.00
14/10/2023 00:40	2.9	236	11	4.0	0.00
14/10/2023 00:50	3.1	244	11	4.0	0.00
14/10/2023 01:00	3.0	233	12	4.1	0.00
14/10/2023 01:10	3.0	243	11	4.2	0.00
14/10/2023 01:20	3.1	232	13	4.4	0.00
14/10/2023 01:30	2.6	227	14	3.5	0.00
14/10/2023 01:40	2.6	241	13	3.5	0.00
14/10/2023 01:50	2.1	225	24	3.6	0.00
14/10/2023 02:00	2.7	224	15	3.7	0.00
14/10/2023 02:10	2.1	240	15	2.9	0.00
14/10/2023 02:20	1.5	170	54	2.2	0.00
14/10/2023 02:30	1.9	232	18	3.0	0.00
14/10/2023 02:40	1.8	223	25	3.2	0.00
14/10/2023 02:50	2.0	239	19	3.0	0.00
14/10/2023 03:00	2.3	229	19	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 03:10	1.9	212	39	3.2	0.00
14/10/2023 03:20	1.8	223	42	3.2	0.00
14/10/2023 03:30	2.2	224	23	3.6	0.00
14/10/2023 03:40	1.2	233	34	1.9	0.00
14/10/2023 03:50	1.0	220	57	2.0	0.00
14/10/2023 04:00	1.2	147	57	2.3	0.00
14/10/2023 04:10	1.1	154	88	2.3	0.00
14/10/2023 04:20	1.3	230	56	2.9	0.00
14/10/2023 04:30	0.5	265	45	1.1	0.00
14/10/2023 04:40	0.8	181	24	1.6	0.00
14/10/2023 04:50	1.2	191	42	1.8	0.00
14/10/2023 05:00	1.4	126	70	2.8	0.00
14/10/2023 05:10	2.0	139	39	3.4	0.00
14/10/2023 05:20	2.0	138	46	3.6	0.00
14/10/2023 05:30	1.9	130	64	3.2	0.00
14/10/2023 05:40	1.8	126	47	3.2	0.00
14/10/2023 05:50	1.8	124	63	3.4	0.00
14/10/2023 06:00	1.8	121	67	3.1	0.00
14/10/2023 06:10	2.2	138	47	3.4	0.00
14/10/2023 06:20	2.6	139	48	4.3	0.00
14/10/2023 06:30	2.5	141	51	4.2	0.00
14/10/2023 06:40	3.0	140	20	4.8	0.00
14/10/2023 06:50	2.9	118	16	4.3	0.00
14/10/2023 07:00	2.9	107	12	3.9	0.00
14/10/2023 07:10	3.1	110	13	4.7	0.00
14/10/2023 07:20	4.8	117	12	7.1	0.00
14/10/2023 07:30	4.4	119	13	6.2	0.00
14/10/2023 07:40	4.4	104	11	6.1	0.00
14/10/2023 07:50	4.9	97	12	6.7	0.00
14/10/2023 08:00	5.1	97	11	6.8	0.00
14/10/2023 08:10	5.3	100	9	7.2	0.00
14/10/2023 08:20	4.3	102	11	5.6	0.00
14/10/2023 08:30	4.6	102	10	6.7	0.00
14/10/2023 08:40	4.9	102	10	6.2	0.00
14/10/2023 08:50	5.2	101	9	7.0	0.00
14/10/2023 09:00	5.6	104	10	7.3	0.00
14/10/2023 09:10	5.7	104	11	7.9	0.00
14/10/2023 09:20	5.9	96	13	8.2	0.00
14/10/2023 09:30	6.2	96	12	8.3	0.00
14/10/2023 09:40	6.2	95	10	8.7	0.00
14/10/2023 09:50	6.5	86	11	8.3	0.00
14/10/2023 10:00	6.6	87	11	8.5	0.00
14/10/2023 10:10	6.1	86	10	8.0	0.00
14/10/2023 10:20	6.2	88	10	8.2	0.00
14/10/2023 10:30	5.9	88	10	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 10:40	5.4	92	12	7.5	0.00
14/10/2023 10:50	5.1	85	13	6.5	0.00
14/10/2023 11:00	5.2	83	13	6.8	0.00
14/10/2023 11:10	5.4	80	10	7.1	0.00
14/10/2023 11:20	5.2	79	12	7.5	0.00
14/10/2023 11:30	5.3	82	14	7.5	0.00
14/10/2023 11:40	5.5	77	11	7.5	0.00
14/10/2023 11:50	5.6	77	11	7.5	0.00
14/10/2023 12:00	5.5	74	13	7.8	0.00
14/10/2023 12:10	6.3	74	10	8.3	0.00
14/10/2023 12:20	6.1	79	10	8.3	0.00
14/10/2023 12:30	6.3	78	12	8.8	0.00
14/10/2023 12:40	6.2	78	13	8.5	0.00
14/10/2023 12:50	6.5	77	10	9.2	0.00
14/10/2023 13:00	6.7	79	12	9.5	0.00
14/10/2023 13:10	6.6	77	13	9.6	0.00
14/10/2023 13:20	7.3	76	12	11.2	0.00
14/10/2023 13:30	6.7	73	11	9.5	0.00
14/10/2023 13:40	6.9	71	11	9.5	0.00
14/10/2023 13:50	7.5	71	12	10.7	0.00
14/10/2023 14:00	6.9	67	10	9.5	0.00
14/10/2023 14:10	7.5	63	12	10.0	0.00
14/10/2023 14:20	7.4	59	13	10.3	0.00
14/10/2023 14:30	7.6	63	11	10.1	0.00
14/10/2023 14:40	7.0	65	13	10.1	0.00
14/10/2023 14:50	6.3	65	12	9.0	0.00
14/10/2023 15:00	6.8	65	12	9.4	0.00
14/10/2023 15:10	6.7	65	11	9.0	0.00
14/10/2023 15:20	6.3	65	12	8.3	0.00
14/10/2023 15:30	6.4	63	12	8.7	0.00
14/10/2023 15:40	6.3	63	11	8.3	0.00
14/10/2023 15:50	6.0	61	13	8.3	0.00
14/10/2023 16:00	5.9	60	14	8.5	0.00
14/10/2023 16:10	5.9	62	13	8.7	0.00
14/10/2023 16:20	6.1	57	13	8.3	0.00
14/10/2023 16:30	5.8	58	10	8.3	0.00
14/10/2023 16:40	5.9	57	13	8.4	0.00
14/10/2023 16:50	5.3	46	12	7.0	0.00
14/10/2023 17:00	4.0	29	15	6.1	0.00
14/10/2023 17:10	5.0	37	13	7.3	0.00
14/10/2023 17:20	5.1	39	12	7.2	0.00
14/10/2023 17:30	4.6	41	15	6.0	0.00
14/10/2023 17:40	4.7	33	12	6.5	0.00
14/10/2023 17:50	3.0	4	16	4.2	0.00
14/10/2023 18:00	3.1	26	16	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 18:10	4.3	41	12	6.1	0.00
14/10/2023 18:20	4.5	43	12	5.8	0.00
14/10/2023 18:30	4.6	39	10	6.5	0.00
14/10/2023 18:40	4.2	42	13	5.4	0.00
14/10/2023 18:50	3.8	43	13	5.5	0.00
14/10/2023 19:00	4.0	44	13	5.2	0.00
14/10/2023 19:10	3.8	42	14	5.6	0.00
14/10/2023 19:20	3.2	46	15	4.6	0.00
14/10/2023 19:30	3.0	50	14	4.3	0.00
14/10/2023 19:40	1.9	34	24	3.5	0.00
14/10/2023 19:50	1.7	41	24	2.4	0.00
14/10/2023 20:00	2.1	47	21	3.2	0.00
14/10/2023 20:10	1.4	51	23	2.0	0.00
14/10/2023 20:20	1.7	63	18	2.4	0.00
14/10/2023 20:30	1.3	39	25	2.4	0.00
14/10/2023 20:40	2.1	44	23	3.5	0.00
14/10/2023 20:50	2.4	31	18	3.5	0.00
14/10/2023 21:00	2.9	25	16	4.4	0.00
14/10/2023 21:10	2.3	29	17	3.2	0.00
14/10/2023 21:20	2.1	31	20	3.5	0.00
14/10/2023 21:30	1.2	63	37	2.0	0.00
14/10/2023 21:40	0.7	85	22	1.3	0.00
14/10/2023 21:50	0.6	119	39	1.4	0.00
14/10/2023 22:00	0.7	223	19	1.1	0.00
14/10/2023 22:10	0.5	236	43	1.2	0.00
14/10/2023 22:20	0.5	293	28	1.1	0.00
14/10/2023 22:30	0.5	94	16	0.9	0.00
14/10/2023 22:40	0.4	199	29	0.9	0.00
14/10/2023 22:50	0.2	184	5	0.9	0.00
14/10/2023 23:00	0.2	265	11	0.8	0.00
14/10/2023 23:10	0.4	179	8	0.8	0.00
14/10/2023 23:20	0.6	78	14	1.0	0.00
14/10/2023 23:30					0.00
14/10/2023 23:40	0.4	95	3	1.2	0.00
14/10/2023 23:50	0.4	95	12	0.8	0.00
15/10/2023 00:00	0.4	83	13	1.0	0.00
15/10/2023 00:10	1.9	94	11	2.5	0.00
15/10/2023 00:20	1.7	88	15	2.6	0.00
15/10/2023 00:30	1.7	113	14	2.8	0.00
15/10/2023 00:40	1.5	118	14	2.1	0.00
15/10/2023 00:50	1.1	126	24	1.7	0.00
15/10/2023 01:00	0.8	239	10	1.6	0.00
15/10/2023 01:10	0.4	240	15	0.8	0.00
15/10/2023 01:20					0.00
15/10/2023 01:30	1.0	240	17	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 01:40	0.9	173	52	1.6	0.00
15/10/2023 01:50	0.4	276	9	0.8	0.00
15/10/2023 02:00	0.4	42	2	1.4	0.00
15/10/2023 02:10	0.6	30	6	1.1	0.00
15/10/2023 02:20					0.00
15/10/2023 02:30	0.3	97	3	0.9	0.00
15/10/2023 02:40	0.4	27	12	1.0	0.00
15/10/2023 02:50	0.7	92	14	1.5	0.00
15/10/2023 03:00	0.8	79	21	1.2	0.00
15/10/2023 03:10	1.0	91	10	1.4	0.00
15/10/2023 03:20	1.4	97	9	1.8	0.00
15/10/2023 03:30	1.3	92	9	1.7	0.00
15/10/2023 03:40	0.8	86	26	1.4	0.00
15/10/2023 03:50	0.6	88	36	1.1	0.00
15/10/2023 04:00	1.9	97	13	2.8	0.00
15/10/2023 04:10	2.6	91	11	3.5	0.00
15/10/2023 04:20	2.2	90	9	2.8	0.00
15/10/2023 04:30	2.5	89	11	3.2	0.00
15/10/2023 04:40	2.0	90	11	2.8	0.00
15/10/2023 04:50	1.6	78	15	2.4	0.00
15/10/2023 05:00	1.7	82	12	2.4	0.00
15/10/2023 05:10	1.7	83	10	2.3	0.00
15/10/2023 05:20	1.7	92	12	2.4	0.00
15/10/2023 05:30	1.9	93	10	2.5	0.00
15/10/2023 05:40	2.8	93	11	4.0	0.00
15/10/2023 05:50	2.8	90	11	4.0	0.00
15/10/2023 06:00	2.9	88	11	4.0	0.00
15/10/2023 06:10	3.1	84	11	4.2	0.00
15/10/2023 06:20	3.1	90	10	4.3	0.00
15/10/2023 06:30	3.2	92	11	4.0	0.00
15/10/2023 06:40	3.1	96	9	4.2	0.00
15/10/2023 06:50	3.3	93	13	4.4	0.00
15/10/2023 07:00	3.3	90	12	4.3	0.00
15/10/2023 07:10	2.9	92	10	4.0	0.00
15/10/2023 07:20	3.0	96	11	4.0	0.00
15/10/2023 07:30	3.3	94	12	4.2	0.00
15/10/2023 07:40	3.3	97	12	4.3	0.00
15/10/2023 07:50	3.3	97	10	4.8	0.00
15/10/2023 08:00	3.6	95	11	5.0	0.00
15/10/2023 08:10	4.3	100	10	5.5	0.00
15/10/2023 08:20	4.1	101	13	5.2	0.00
15/10/2023 08:30	4.5	100	11	5.9	0.00
15/10/2023 08:40	4.7	102	10	6.2	0.00
15/10/2023 08:50	4.6	102	13	6.3	0.00
15/10/2023 09:00	4.7	101	12	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 09:10	4.8	100	14	7.2	0.00
15/10/2023 09:20	5.0	102	12	6.8	0.00
15/10/2023 09:30	5.0	89	12	7.4	0.00
15/10/2023 09:40	6.1	89	12	8.7	0.00
15/10/2023 09:50	5.9	94	14	8.1	0.00
15/10/2023 10:00	6.5	92	12	8.8	0.00
15/10/2023 10:10	6.6	88	11	9.1	0.00
15/10/2023 10:20	6.8	89	13	9.1	0.00
15/10/2023 10:30	6.9	90	12	9.1	0.00
15/10/2023 10:40	6.0	85	13	8.7	0.00
15/10/2023 10:50	6.7	80	11	8.8	0.00
15/10/2023 11:00	6.9	83	12	10.4	0.00
15/10/2023 11:10	6.4	82	11	8.8	0.00
15/10/2023 11:20	6.5	83	11	8.8	0.00
15/10/2023 11:30	5.8	81	13	8.8	0.00
15/10/2023 11:40	5.6	82	13	7.8	0.00
15/10/2023 11:50	5.5	83	13	7.2	0.00
15/10/2023 12:00	5.3	70	14	8.4	0.00
15/10/2023 12:10	5.1	64	15	7.2	0.00
15/10/2023 12:20	5.3	59	14	7.6	0.00
15/10/2023 12:30	5.2	49	14	6.7	0.00
15/10/2023 12:40	4.7	56	16	6.9	0.00
15/10/2023 12:50	3.8	37	21	5.9	0.00
15/10/2023 13:00	3.6	25	25	5.6	0.00
15/10/2023 13:10	3.0	9	26	4.8	0.00
15/10/2023 13:20	3.0	359	24	4.4	0.00
15/10/2023 13:30	3.3	30	28	5.4	0.00
15/10/2023 13:40	3.0	355	21	4.4	0.00
15/10/2023 13:50	3.1	355	21	4.3	0.00
15/10/2023 14:00	3.0	178	19	4.0	0.00
15/10/2023 14:10	3.1	178	18	4.8	0.00
15/10/2023 14:20	3.1	175	18	4.4	0.00
15/10/2023 14:30	2.8	360	18	4.0	0.00
15/10/2023 14:40	3.1	357	15	4.3	0.00
15/10/2023 14:50	2.9	180	21	4.5	0.00
15/10/2023 15:00	3.2	177	17	4.5	0.00
15/10/2023 15:10	3.6	4	18	4.8	0.00
15/10/2023 15:20	3.3	177	19	4.8	0.00
15/10/2023 15:30	3.4	181	18	5.0	0.00
15/10/2023 15:40	3.6	3	19	5.0	0.00
15/10/2023 15:50	3.8	357	14	5.7	0.00
15/10/2023 16:00	3.4	1	20	5.1	0.00
15/10/2023 16:10	3.8	354	20	5.5	0.00
15/10/2023 16:20	4.0	178	19	5.9	0.00
15/10/2023 16:30	4.2	4	15	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 16:40	4.3	4	16	6.0	0.00
15/10/2023 16:50	4.2	181	17	5.8	0.00
15/10/2023 17:00	4.4	5	15	5.8	0.00
15/10/2023 17:10	4.2	8	15	6.3	0.00
15/10/2023 17:20	4.6	351	18	6.8	0.00
15/10/2023 17:30	4.4	183	22	6.4	0.00
15/10/2023 17:40	4.6	357	18	6.8	0.00
15/10/2023 17:50	4.3	345	18	6.4	0.00
15/10/2023 18:00	5.1	334	17	6.8	0.00
15/10/2023 18:10	4.1	347	17	5.6	0.00
15/10/2023 18:20	4.0	342	17	5.8	0.00
15/10/2023 18:30	3.8	346	17	5.6	0.00
15/10/2023 18:40	4.4	349	19	6.2	0.00
15/10/2023 18:50	4.1	348	17	5.4	0.00
15/10/2023 19:00	3.6	340	17	5.0	0.00
15/10/2023 19:10	4.0	341	19	6.3	0.00
15/10/2023 19:20	3.4	345	22	5.2	0.00
15/10/2023 19:30	3.1	331	24	5.5	0.00
15/10/2023 19:40	2.7	297	16	4.0	0.00
15/10/2023 19:50	1.8	286	22	3.2	0.00
15/10/2023 20:00	1.9	276	13	2.8	0.00
15/10/2023 20:10	1.8	262	16	2.8	0.00
15/10/2023 20:20	1.7	253	16	2.4	0.00
15/10/2023 20:30	1.7	268	16	2.9	0.00
15/10/2023 20:40	1.4	289	19	2.7	0.00
15/10/2023 20:50	2.0	261	14	2.8	0.00
15/10/2023 21:00	2.6	257	12	3.5	0.00
15/10/2023 21:10	3.3	256	9	4.3	0.00
15/10/2023 21:20	3.2	260	10	4.1	0.00
15/10/2023 21:30	2.4	252	11	3.4	0.00
15/10/2023 21:40	1.8	251	14	3.7	0.00
15/10/2023 21:50	2.9	245	11	4.0	0.00
15/10/2023 22:00	2.3	237	12	3.2	0.00
15/10/2023 22:10	2.7	243	10	3.6	0.00
15/10/2023 22:20	2.2	233	10	3.0	0.00
15/10/2023 22:30	2.0	236	9	2.6	0.00
15/10/2023 22:40	2.2	245	12	2.9	0.00
15/10/2023 22:50	2.2	239	9	3.1	0.00
15/10/2023 23:00	1.1	236	11	2.0	0.00
15/10/2023 23:10	0.4	229	6	1.6	0.00
15/10/2023 23:20	0.3	235	7	1.3	0.00
15/10/2023 23:30	0.1	232	5	0.8	0.00
15/10/2023 23:40	0.6	248	10	1.6	0.00
15/10/2023 23:50	1.4	242	10	2.0	0.00
16/10/2023 00:00	0.8	235	7	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 00:10	1.3	235	13	2.0	0.00
16/10/2023 00:20	0.5	228	9	1.7	0.00
16/10/2023 00:30	0.7	230	8	2.0	0.00
16/10/2023 00:40	1.3	232	11	2.6	0.00
16/10/2023 00:50	1.6	231	13	2.5	0.00
16/10/2023 01:00	1.7	240	11	3.0	0.00
16/10/2023 01:10	1.3	237	10	2.5	0.00
16/10/2023 01:20	2.2	241	11	3.2	0.00
16/10/2023 01:30	1.8	235	11	2.5	0.00
16/10/2023 01:40	2.3	238	11	3.2	0.00
16/10/2023 01:50	2.0	238	14	2.5	0.00
16/10/2023 02:00	2.0	246	12	2.9	0.00
16/10/2023 02:10	2.5	243	10	3.6	0.00
16/10/2023 02:20	2.0	240	12	2.8	0.00
16/10/2023 02:30	1.8	244	11	2.6	0.00
16/10/2023 02:40	1.2	238	16	1.7	0.00
16/10/2023 02:50	0.9	118	16	1.2	0.00
16/10/2023 03:00	0.5	264	48	1.3	0.00
16/10/2023 03:10	0.5	91	6	0.8	0.00
16/10/2023 03:20	0.6	283	18	1.2	0.00
16/10/2023 03:30	0.8	193	15	1.4	0.00
16/10/2023 03:40	0.8	124	24	1.7	0.00
16/10/2023 03:50	1.2	131	67	2.4	0.00
16/10/2023 04:00	2.2	137	33	4.3	0.00
16/10/2023 04:10	1.0	55	50	2.0	0.00
16/10/2023 04:20	1.2	300	30	2.0	0.00
16/10/2023 04:30	1.4	84	26	2.2	0.00
16/10/2023 04:40	1.1	107	38	1.8	0.00
16/10/2023 04:50	0.5	244	50	1.3	0.00
16/10/2023 05:00	0.9	100	26	1.7	0.00
16/10/2023 05:10	1.5	147	31	2.4	0.00
16/10/2023 05:20	1.9	137	21	3.6	0.00
16/10/2023 05:30	2.0	143	22	3.0	0.00
16/10/2023 05:40	1.9	137	50	3.4	0.00
16/10/2023 05:50	1.9	147	35	2.8	0.00
16/10/2023 06:00	1.9	146	25	3.1	0.00
16/10/2023 06:10	2.7	128	14	4.2	0.00
16/10/2023 06:20	3.3	129	15	4.6	0.00
16/10/2023 06:30	3.2	127	15	4.4	0.00
16/10/2023 06:40	3.0	125	15	4.2	0.00
16/10/2023 06:50	3.0	122	14	4.4	0.00
16/10/2023 07:00	3.5	120	12	5.1	0.00
16/10/2023 07:10	4.2	107	13	5.7	0.00
16/10/2023 07:20	4.5	92	12	6.3	0.00
16/10/2023 07:30	4.6	95	12	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 07:40	4.9	99	10	6.6	0.00
16/10/2023 07:50	5.2	103	10	6.8	0.00
16/10/2023 08:00	5.6	103	10	7.1	0.00
16/10/2023 08:10	5.3	106	10	7.2	0.00
16/10/2023 08:20	4.7	107	13	6.4	0.00
16/10/2023 08:30	4.7	106	13	6.4	0.00
16/10/2023 08:40	5.6	100	11	7.9	0.00
16/10/2023 08:50	6.3	104	12	8.4	0.00
16/10/2023 09:00	5.8	101	13	8.5	0.00
16/10/2023 09:10	6.0	92	12	7.8	0.00
16/10/2023 09:20	6.7	95	11	9.9	0.00
16/10/2023 09:30	7.0	93	12	10.1	0.00
16/10/2023 09:40	7.0	95	12	10.3	0.00
16/10/2023 09:50	6.4	93	12	9.0	0.00
16/10/2023 10:00	6.4	92	14	8.8	0.00
16/10/2023 10:10	7.2	88	12	9.8	0.00
16/10/2023 10:20	7.0	89	12	9.2	0.00
16/10/2023 10:30	6.9	91	12	9.5	0.00
16/10/2023 10:40	7.2	89	14	9.9	0.00
16/10/2023 10:50	7.7	86	13	10.8	0.00
16/10/2023 11:00	8.2	87	11	11.1	0.00
16/10/2023 11:10	7.3	91	12	10.5	0.00
16/10/2023 11:20	7.3	81	12	9.5	0.00
16/10/2023 11:30	7.2	84	14	9.5	0.00
16/10/2023 11:40	7.4	79	13	10.3	0.00
16/10/2023 11:50	8.4	83	11	11.7	0.00
16/10/2023 12:00	7.7	84	11	10.4	0.00
16/10/2023 12:10	7.9	84	11	10.3	0.00
16/10/2023 12:20	7.7	87	12	11.1	0.00
16/10/2023 12:30	7.6	82	11	10.2	0.00
16/10/2023 12:40	7.7	76	12	10.6	0.00
16/10/2023 12:50	8.3	74	12	11.0	0.00
16/10/2023 13:00	8.3	74	13	11.1	0.00
16/10/2023 13:10	8.2	77	10	11.1	0.00
16/10/2023 13:20	8.2	72	12	11.6	0.00
16/10/2023 13:30	8.1	70	11	10.5	0.00
16/10/2023 13:40	7.7	67	12	10.7	0.00
16/10/2023 13:50	9.0	68	11	11.9	0.00
16/10/2023 14:00	8.7	68	14	11.7	0.00
16/10/2023 14:10	9.1	66	11	11.5	0.00
16/10/2023 14:20	8.4	65	12	11.6	0.00
16/10/2023 14:30	8.7	63	12	12.3	0.00
16/10/2023 14:40	8.5	59	12	10.8	0.00
16/10/2023 14:50	8.2	62	12	12.1	0.00
16/10/2023 15:00	8.6	56	12	11.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 15:10	7.9	58	11	10.4	0.00
16/10/2023 15:20	7.7	60	12	10.9	0.00
16/10/2023 15:30	8.2	56	12	11.0	0.00
16/10/2023 15:40	7.5	56	13	10.2	0.00
16/10/2023 15:50	7.2	50	12	9.5	0.00
16/10/2023 16:00	7.1	55	13	9.5	0.00
16/10/2023 16:10	7.1	47	13	9.7	0.00
16/10/2023 16:20	7.1	42	14	9.4	0.00
16/10/2023 16:30	6.7	46	13	8.6	0.00
16/10/2023 16:40	6.4	39	13	8.8	0.00
16/10/2023 16:50	6.2	46	13	8.3	0.00
16/10/2023 17:00	5.8	41	13	7.7	0.00
16/10/2023 17:10	6.0	44	13	8.3	0.00
16/10/2023 17:20	5.9	43	12	8.6	0.00
16/10/2023 17:30	5.6	44	14	7.8	0.00
16/10/2023 17:40	6.0	45	12	7.9	0.00
16/10/2023 17:50	5.1	44	11	7.1	0.00
16/10/2023 18:00	5.0	47	13	7.5	0.00
16/10/2023 18:10	5.0	43	11	7.2	0.00
16/10/2023 18:20	4.7	43	11	6.3	0.00
16/10/2023 18:30	5.0	41	13	6.6	0.00
16/10/2023 18:40	5.0	41	12	7.2	0.00
16/10/2023 18:50	4.8	42	11	6.8	0.00
16/10/2023 19:00	5.0	44	12	6.9	0.00
16/10/2023 19:10	4.8	37	13	6.3	0.00
16/10/2023 19:20	3.6	35	14	5.3	0.00
16/10/2023 19:30	3.7	15	18	5.2	0.00
16/10/2023 19:40	3.8	10	16	5.4	0.00
16/10/2023 19:50	4.3	10	14	5.7	0.00
16/10/2023 20:00	4.0	16	16	5.6	0.00
16/10/2023 20:10	4.0	15	15	5.6	0.00
16/10/2023 20:20	4.0	16	13	5.6	0.00
16/10/2023 20:30	3.2	27	17	5.2	0.00
16/10/2023 20:40	3.7	38	15	5.8	0.00
16/10/2023 20:50	3.3	33	12	4.8	0.00
16/10/2023 21:00	2.6	27	13	3.8	0.00
16/10/2023 21:10	2.7	28	16	3.6	0.00
16/10/2023 21:20	3.0	31	14	4.6	0.00
16/10/2023 21:30	2.5	36	14	3.6	0.00
16/10/2023 21:40	1.9	35	20	3.2	0.00
16/10/2023 21:50	0.9	198	50	1.6	0.00
16/10/2023 22:00	0.6	137	62	1.2	0.00
16/10/2023 22:10	0.8	223	15	1.6	0.00
16/10/2023 22:20	1.7	229	26	3.2	0.00
16/10/2023 22:30	0.9	53	55	1.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 22:40	0.4	239	17	0.9	0.00
16/10/2023 22:50	1.3	229	22	2.2	0.00
16/10/2023 23:00	1.1	250	18	1.6	0.00
16/10/2023 23:10	1.7	240	16	2.4	0.00
16/10/2023 23:20	1.0	241	23	1.6	0.00
16/10/2023 23:30	1.2	236	15	1.6	0.00
16/10/2023 23:40	1.0	239	18	1.5	0.00
16/10/2023 23:50	0.8	229	28	1.4	0.00
17/10/2023 00:00	0.4	251	28	1.2	0.00
17/10/2023 00:10	0.7	222	56	1.3	0.00
17/10/2023 00:20	0.3	194	10	0.8	0.00
17/10/2023 00:30	0.9	295	6	1.2	0.00
17/10/2023 00:40	0.3	290	6	1.1	0.00
17/10/2023 00:50	0.5	77	12	1.2	0.00
17/10/2023 01:00	0.1	89	7	0.8	0.00
17/10/2023 01:10	0.2	103	11	0.7	0.00
17/10/2023 01:20	0.4	306	23	1.0	0.00
17/10/2023 01:30	0.4	169	22	0.9	0.00
17/10/2023 01:40	0.8	71	36	1.5	0.00
17/10/2023 01:50	1.3	100	12	1.7	0.00
17/10/2023 02:00	1.2	93	12	1.9	0.00
17/10/2023 02:10	1.6	95	9	2.3	0.00
17/10/2023 02:20	1.5	105	13	2.4	0.00
17/10/2023 02:30	1.5	100	14	2.4	0.00
17/10/2023 02:40	1.3	108	15	2.0	0.00
17/10/2023 02:50	1.2	101	14	1.7	0.00
17/10/2023 03:00	1.1	103	18	1.9	0.00
17/10/2023 03:10	1.4	106	14	2.5	0.00
17/10/2023 03:20	1.3	108	15	2.0	0.00
17/10/2023 03:30	1.2	108	18	2.0	0.00
17/10/2023 03:40	1.2	96	13	1.9	0.00
17/10/2023 03:50	0.9	101	24	1.6	0.00
17/10/2023 04:00	0.7	87	16	1.3	0.00
17/10/2023 04:10	0.0	84	4	0.4	0.00
17/10/2023 04:20	0.5	340	28	0.8	0.00
17/10/2023 04:30	0.7	188	30	1.1	0.00
17/10/2023 04:40	0.8	302	50	1.2	0.00
17/10/2023 04:50	1.1	203	50	2.1	0.00
17/10/2023 05:00	1.2	90	81	2.2	0.00
17/10/2023 05:10	1.5	105	86	2.6	0.00
17/10/2023 05:20	1.7	180	87	3.4	0.00
17/10/2023 05:30	1.9	123	64	3.8	0.00
17/10/2023 05:40	2.0	146	30	4.1	0.00
17/10/2023 05:50	2.3	171	63	4.1	0.00
17/10/2023 06:00	1.9	151	64	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 06:10	1.7	195	65	3.2	0.00
17/10/2023 06:20	1.2	317	53	2.3	0.00
17/10/2023 06:30	1.2	165	49	2.6	0.00
17/10/2023 06:40	2.0	159	40	3.3	0.00
17/10/2023 06:50	1.5	202	50	2.4	0.00
17/10/2023 07:00	1.4	152	48	2.1	0.00
17/10/2023 07:10	2.1	129	15	3.0	0.00
17/10/2023 07:20	2.4	109	16	3.2	0.00
17/10/2023 07:30	2.3	104	13	3.2	0.00
17/10/2023 07:40	2.4	92	12	3.2	0.00
17/10/2023 07:50	2.3	93	12	3.3	0.00
17/10/2023 08:00	2.2	91	17	3.1	0.00
17/10/2023 08:10	2.6	108	17	4.0	0.00
17/10/2023 08:20	2.9	121	19	4.2	0.00
17/10/2023 08:30	3.0	122	17	4.6	0.00
17/10/2023 08:40	3.3	101	17	4.5	0.00
17/10/2023 08:50	3.9	103	14	5.4	0.00
17/10/2023 09:00	4.3	106	14	6.2	0.00
17/10/2023 09:10	4.2	109	14	6.0	0.00
17/10/2023 09:20	3.7	100	15	5.3	0.00
17/10/2023 09:30	4.7	98	15	7.6	0.00
17/10/2023 09:40	5.3	89	14	7.4	0.00
17/10/2023 09:50	6.0	79	12	8.3	0.00
17/10/2023 10:00	6.3	81	11	8.6	0.00
17/10/2023 10:10	6.3	90	12	8.1	0.00
17/10/2023 10:20	6.0	83	12	8.3	0.00
17/10/2023 10:30	6.0	81	13	7.9	0.00
17/10/2023 10:40	5.7	81	12	7.9	0.00
17/10/2023 10:50	6.2	89	14	9.3	0.00
17/10/2023 11:00	7.1	80	14	9.4	0.00
17/10/2023 11:10	6.7	82	13	8.7	0.00
17/10/2023 11:20	6.7	75	12	9.8	0.00
17/10/2023 11:30	7.6	77	11	10.5	0.00
17/10/2023 11:40	8.1	81	13	10.7	0.00
17/10/2023 11:50	7.2	75	12	10.2	0.00
17/10/2023 12:00	7.1	68	13	10.3	0.00
17/10/2023 12:10	7.6	69	12	9.8	0.00
17/10/2023 12:20	8.1	67	11	10.9	0.00
17/10/2023 12:30	7.5	65	13	10.3	0.00
17/10/2023 12:40	8.1	67	13	10.7	0.00
17/10/2023 12:50	7.7	63	13	10.3	0.00
17/10/2023 13:00	8.4	63	13	11.6	0.00
17/10/2023 13:10	8.3	62	12	12.3	0.00
17/10/2023 13:20	8.5	60	12	11.1	0.00
17/10/2023 13:30	8.4	59	12	11.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 13:40	8.7	62	12	11.0	0.00
17/10/2023 13:50	9.2	61	12	11.5	0.00
17/10/2023 14:00	9.0	67	11	11.9	0.00
17/10/2023 14:10	7.9	63	13	10.3	0.00
17/10/2023 14:20	8.1	49	14	10.9	0.00
17/10/2023 14:30	8.7	50	13	11.2	0.00
17/10/2023 14:40	7.7	52	15	10.1	0.00
17/10/2023 14:50	7.7	55	14	11.1	0.00
17/10/2023 15:00	7.5	57	13	10.7	0.00
17/10/2023 15:10	7.3	61	12	9.5	0.00
17/10/2023 15:20	6.6	48	18	9.0	0.00
17/10/2023 15:30	6.6	43	13	9.6	0.00
17/10/2023 15:40	6.8	38	14	9.0	0.00
17/10/2023 15:50	6.7	41	12	9.5	0.00
17/10/2023 16:00	7.0	51	13	9.5	0.00
17/10/2023 16:10	6.1	45	14	8.5	0.00
17/10/2023 16:20	5.6	37	15	8.4	0.00
17/10/2023 16:30	5.2	38	17	7.5	0.00
17/10/2023 16:40	4.5	33	18	7.0	0.00
17/10/2023 16:50	5.6	41	12	7.9	0.00
17/10/2023 17:00	5.3	43	13	7.2	0.00
17/10/2023 17:10	5.2	42	13	6.9	0.00
17/10/2023 17:20	5.2	40	13	6.9	0.00
17/10/2023 17:30	4.8	39	13	7.0	0.00
17/10/2023 17:40	4.7	46	12	6.5	0.00
17/10/2023 17:50	4.7	44	14	6.3	0.00
17/10/2023 18:00	5.2	42	13	7.0	0.00
17/10/2023 18:10	4.9	42	12	6.6	0.00
17/10/2023 18:20	4.7	40	12	6.4	0.00
17/10/2023 18:30	4.0	46	12	5.6	0.00
17/10/2023 18:40	3.5	42	13	4.5	0.00
17/10/2023 18:50	3.3	36	12	4.7	0.00
17/10/2023 19:00	2.5	20	17	3.9	0.00
17/10/2023 19:10	2.9	8	17	4.4	0.00
17/10/2023 19:20	3.1	355	17	4.4	0.00
17/10/2023 19:30	3.2	356	18	5.1	0.00
17/10/2023 19:40	2.6	328	36	4.0	0.00
17/10/2023 19:50	3.4	254	14	4.9	0.00
17/10/2023 20:00	2.7	262	22	4.4	0.00
17/10/2023 20:10	2.6	246	16	4.0	0.00
17/10/2023 20:20	1.9	247	28	2.8	0.00
17/10/2023 20:30	1.6	291	51	2.5	0.00
17/10/2023 20:40	1.7	250	20	2.7	0.00
17/10/2023 20:50	2.2	236	17	3.3	0.00
17/10/2023 21:00	2.9	242	11	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 21:10	4.1	240	10	5.0	0.00
17/10/2023 21:20	3.4	238	10	4.4	0.00
17/10/2023 21:30	2.3	234	11	3.3	0.00
17/10/2023 21:40	2.7	241	10	3.8	0.00
17/10/2023 21:50	2.6	242	8	3.2	0.00
17/10/2023 22:00	2.2	234	24	3.4	0.00
17/10/2023 22:10	2.4	231	21	3.6	0.00
17/10/2023 22:20	2.4	241	10	3.4	0.00
17/10/2023 22:30	2.0	239	14	2.9	0.00
17/10/2023 22:40	2.0	238	12	2.5	0.00
17/10/2023 22:50	2.4	245	11	3.2	0.00
17/10/2023 23:00	1.8	241	13	2.4	0.00
17/10/2023 23:10	2.1	252	12	2.8	0.00
17/10/2023 23:20	0.8	201	81	1.5	0.00
17/10/2023 23:30	1.5	247	15	2.2	0.00
17/10/2023 23:40	2.2	239	13	3.1	0.00
17/10/2023 23:50	0.8	159	40	1.6	0.00
18/10/2023 00:00	1.1	247	9	1.6	0.00
18/10/2023 00:10	1.2	244	9	1.5	0.00
18/10/2023 00:20	0.6	248	18	1.0	0.00
18/10/2023 00:30	0.3	248	17	1.1	0.00
18/10/2023 00:40	0.0	170	0	0.4	0.00
18/10/2023 00:50					0.00
18/10/2023 01:00	0.4	296	2	1.1	0.00
18/10/2023 01:10	1.2	299	3	1.2	0.00
18/10/2023 01:20	0.9	301	3	1.2	0.00
18/10/2023 01:30	0.1	283	1	0.8	0.00
18/10/2023 01:40	0.0	300	0	0.4	0.00
18/10/2023 01:50	0.1	276	0	0.8	0.00
18/10/2023 02:00	0.5	15	26	0.9	0.00
18/10/2023 02:10	0.5	342	19	1.1	0.00
18/10/2023 02:20	0.3	338	11	0.8	0.00
18/10/2023 02:30	1.1	302	6	1.5	0.00
18/10/2023 02:40	1.1	295	6	1.5	0.00
18/10/2023 02:50	1.0	255	15	1.4	0.00
18/10/2023 03:00	1.3	271	10	1.8	0.00
18/10/2023 03:10	1.5	283	8	1.6	0.00
18/10/2023 03:20	1.3	296	8	1.6	0.00
18/10/2023 03:30	1.1	294	10	1.5	0.00
18/10/2023 03:40	0.6	285	4	1.4	0.00
18/10/2023 03:50	0.7	161	59	1.1	0.00
18/10/2023 04:00	0.7	317	6	1.2	0.00
18/10/2023 04:10	0.6	32	44	1.2	0.00
18/10/2023 04:20	0.6	51	48	1.4	0.00
18/10/2023 04:30	0.8	72	60	1.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 04:40	0.7	140	44	1.3	0.00
18/10/2023 04:50	0.6	203	56	1.1	0.00
18/10/2023 05:00	0.2	80	7	0.8	0.00
18/10/2023 05:10	0.5	77	14	1.1	0.00
18/10/2023 05:20	0.7	127	57	1.2	0.00
18/10/2023 05:30	0.3	312	33	0.8	0.00
18/10/2023 05:40	0.7	89	22	1.7	0.00
18/10/2023 05:50	0.6	161	68	1.2	0.00
18/10/2023 06:00	0.7	321	47	1.4	0.00
18/10/2023 06:10	0.8	256	67	1.9	0.00
18/10/2023 06:20	0.9	106	62	1.6	0.00
18/10/2023 06:30	2.3	139	19	3.6	0.00
18/10/2023 06:40	2.6	138	28	4.0	0.00
18/10/2023 06:50	2.2	142	23	3.4	0.00
18/10/2023 07:00	2.2	138	29	3.3	0.00
18/10/2023 07:10	2.2	145	36	3.3	0.00
18/10/2023 07:20	2.0	136	23	2.9	0.00
18/10/2023 07:30	1.6	154	24	2.3	0.00
18/10/2023 07:40	1.7	135	31	2.7	0.00
18/10/2023 07:50	1.7	143	36	2.4	0.00
18/10/2023 08:00	2.5	137	19	4.0	0.00
18/10/2023 08:10	2.4	138	16	3.2	0.00
18/10/2023 08:20	1.9	140	32	2.8	0.00
18/10/2023 08:30	1.9	149	37	3.0	0.00
18/10/2023 08:40	1.8	138	22	2.9	0.00
18/10/2023 08:50	1.9	144	50	3.4	0.00
18/10/2023 09:00	1.8	128	27	3.3	0.00
18/10/2023 09:10	2.0	130	22	3.1	0.00
18/10/2023 09:20	2.5	105	17	3.4	0.00
18/10/2023 09:30	2.4	100	18	3.6	0.00
18/10/2023 09:40	2.0	96	25	2.8	0.00
18/10/2023 09:50	2.0	104	43	2.9	0.00
18/10/2023 10:00	1.9	84	25	3.3	0.00
18/10/2023 10:10	2.0	115	44	3.2	0.00
18/10/2023 10:20	1.5	123	44	2.8	0.00
18/10/2023 10:30	2.0	177	50	3.6	0.00
18/10/2023 10:40	2.0	218	41	3.4	0.00
18/10/2023 10:50	2.3	244	27	3.7	0.00
18/10/2023 11:00	2.2	290	29	3.6	0.00
18/10/2023 11:10	2.8	203	46	4.4	0.00
18/10/2023 11:20	1.8	137	52	3.6	0.00
18/10/2023 11:30	2.2	105	39	3.8	0.00
18/10/2023 11:40	2.6	103	22	4.4	0.00
18/10/2023 11:50	3.1	99	24	4.9	0.00
18/10/2023 12:00	2.7	67	24	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 12:10	3.2	345	35	4.9	0.00
18/10/2023 12:20	3.7	315	21	5.4	0.00
18/10/2023 12:30	4.3	298	14	5.6	0.00
18/10/2023 12:40	3.2	322	23	4.6	0.00
18/10/2023 12:50	3.6	345	18	4.9	0.00
18/10/2023 13:00	4.0	358	19	5.3	0.00
18/10/2023 13:10	3.5	352	25	5.2	0.00
18/10/2023 13:20	3.4	177	18	4.6	0.00
18/10/2023 13:30	3.4	188	19	4.6	0.00
18/10/2023 13:40	3.5	5	21	5.2	0.00
18/10/2023 13:50	3.4	11	17	4.4	0.00
18/10/2023 14:00	3.2	356	18	4.4	0.00
18/10/2023 14:10	3.7	348	20	5.0	0.00
18/10/2023 14:20	3.0	179	18	4.0	0.00
18/10/2023 14:30	2.4	13	29	4.4	0.00
18/10/2023 14:40	3.8	7	21	5.5	0.00
18/10/2023 14:50	3.3	174	23	5.7	0.00
18/10/2023 15:00	4.0	330	17	5.7	0.00
18/10/2023 15:10	4.5	300	17	6.6	0.00
18/10/2023 15:20	3.8	315	19	5.5	0.00
18/10/2023 15:30	3.8	308	16	5.5	0.00
18/10/2023 15:40	4.7	301	15	6.4	0.00
18/10/2023 15:50	4.8	298	14	6.5	0.00
18/10/2023 16:00	5.0	287	13	6.4	0.00
18/10/2023 16:10	4.5	293	14	6.2	0.00
18/10/2023 16:20	4.3	294	14	5.8	0.00
18/10/2023 16:30	4.5	285	14	6.3	0.00
18/10/2023 16:40	4.1	287	15	5.8	0.00
18/10/2023 16:50	4.5	286	15	6.0	0.00
18/10/2023 17:00	4.0	297	14	5.6	0.00
18/10/2023 17:10	4.5	283	14	5.8	0.00
18/10/2023 17:20	4.6	284	12	5.8	0.00
18/10/2023 17:30	4.3	281	14	5.8	0.00
18/10/2023 17:40	4.4	275	12	5.8	0.00
18/10/2023 17:50	3.6	271	14	4.8	0.00
18/10/2023 18:00	3.3	270	12	4.5	0.00
18/10/2023 18:10	3.1	273	11	4.0	0.00
18/10/2023 18:20	3.7	264	11	4.8	0.00
18/10/2023 18:30	3.6	260	10	4.8	0.00
18/10/2023 18:40	3.6	257	10	4.4	0.00
18/10/2023 18:50	3.4	255	10	4.6	0.00
18/10/2023 19:00	3.5	253	10	4.4	0.00
18/10/2023 19:10	3.8	253	10	5.0	0.00
18/10/2023 19:20	3.6	254	11	4.7	0.00
18/10/2023 19:30	3.9	259	9	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 19:40	3.8	261	8	5.1	0.00
18/10/2023 19:50	4.1	260	8	5.5	0.00
18/10/2023 20:00	4.0	259	9	5.0	0.00
18/10/2023 20:10	3.5	262	9	4.4	0.00
18/10/2023 20:20	3.3	262	8	4.4	0.00
18/10/2023 20:30	3.3	260	8	4.4	0.00
18/10/2023 20:40	3.3	262	8	3.9	0.00
18/10/2023 20:50	3.2	261	8	4.1	0.00
18/10/2023 21:00	2.6	261	9	3.5	0.00
18/10/2023 21:10	2.7	258	9	3.4	0.00
18/10/2023 21:20	2.5	262	10	3.4	0.00
18/10/2023 21:30	2.0	248	13	2.8	0.00
18/10/2023 21:40	2.8	251	10	3.7	0.00
18/10/2023 21:50	3.0	245	11	3.6	0.00
18/10/2023 22:00	3.1	245	9	4.0	0.00
18/10/2023 22:10	3.0	250	12	4.0	0.00
18/10/2023 22:20	3.2	249	11	4.1	0.00
18/10/2023 22:30	3.3	253	10	4.1	0.00
18/10/2023 22:40	3.0	246	10	3.7	0.00
18/10/2023 22:50	3.0	250	10	3.9	0.00
18/10/2023 23:00	3.6	255	10	4.4	0.00
18/10/2023 23:10	3.2	251	12	3.9	0.00
18/10/2023 23:20	2.6	252	11	3.6	0.00
18/10/2023 23:30	2.5	254	9	3.3	0.00
18/10/2023 23:40	2.8	262	7	3.4	0.00
18/10/2023 23:50	2.7	262	7	3.5	0.00
19/10/2023 00:00	2.4	264	7	2.8	0.00
19/10/2023 00:10	2.4	259	10	3.0	0.00
19/10/2023 00:20	2.6	260	9	3.7	0.00
19/10/2023 00:30	2.5	260	8	3.1	0.00
19/10/2023 00:40	3.0	258	8	3.8	0.00
19/10/2023 00:50	2.8	260	8	3.7	0.00
19/10/2023 01:00	2.8	259	8	3.6	0.00
19/10/2023 01:10	3.1	257	8	3.8	0.00
19/10/2023 01:20	3.2	255	7	4.0	0.00
19/10/2023 01:30	2.8	254	9	3.5	0.00
19/10/2023 01:40	2.8	257	10	3.6	0.00
19/10/2023 01:50	3.9	256	9	4.8	0.00
19/10/2023 02:00	3.7	257	9	4.7	0.00
19/10/2023 02:10	3.4	257	9	4.2	0.00
19/10/2023 02:20	3.1	256	8	4.0	0.00
19/10/2023 02:30	3.2	259	8	4.0	0.00
19/10/2023 02:40	3.2	258	9	4.0	0.00
19/10/2023 02:50	2.7	268	8	3.2	0.00
19/10/2023 03:00	2.7	257	7	3.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 03:10	2.8	260	9	3.4	0.00
19/10/2023 03:20	2.4	257	8	3.2	0.00
19/10/2023 03:30	2.7	256	8	3.4	0.00
19/10/2023 03:40	2.7	260	8	3.6	0.00
19/10/2023 03:50	2.3	253	10	2.8	0.00
19/10/2023 04:00	2.2	256	7	2.6	0.00
19/10/2023 04:10	2.0	256	8	2.5	0.00
19/10/2023 04:20	1.4	267	10	1.8	0.00
19/10/2023 04:30	0.3	230	16	1.1	0.00
19/10/2023 04:40	1.5	258	18	2.3	0.00
19/10/2023 04:50	1.5	283	6	1.8	0.00
19/10/2023 05:00	1.2	261	10	1.5	0.00
19/10/2023 05:10	0.8	258	13	1.2	0.00
19/10/2023 05:20	1.1	265	12	1.6	0.00
19/10/2023 05:30	1.2	262	19	2.0	0.00
19/10/2023 05:40	1.2	278	15	1.7	0.00
19/10/2023 05:50	1.8	282	8	2.4	0.00
19/10/2023 06:00	2.0	264	7	2.5	0.00
19/10/2023 06:10	1.6	264	8	2.4	0.00
19/10/2023 06:20	2.3	271	9	2.9	0.00
19/10/2023 06:30	1.3	235	17	1.9	0.00
19/10/2023 06:40	1.2	251	15	1.8	0.00
19/10/2023 06:50	1.9	254	13	2.4	0.00
19/10/2023 07:00	1.0	230	30	2.0	0.00
19/10/2023 07:10	1.3	227	18	2.0	0.00
19/10/2023 07:20	1.5	244	20	2.0	0.00
19/10/2023 07:30	1.3	178	63	2.4	0.00
19/10/2023 07:40	0.9	272	76	1.6	0.00
19/10/2023 07:50	1.6	217	21	2.3	0.00
19/10/2023 08:00	1.3	221	46	2.1	0.00
19/10/2023 08:10	1.6	227	21	2.4	0.00
19/10/2023 08:20	2.1	248	17	3.0	0.00
19/10/2023 08:30	1.7	231	26	2.8	0.00
19/10/2023 08:40	2.2	242	66	4.5	0.00
19/10/2023 08:50	1.9	245	88	3.3	0.00
19/10/2023 09:00	2.6	122	61	5.4	0.00
19/10/2023 09:10	2.5	146	58	4.3	0.00
19/10/2023 09:20	2.5	135	40	4.1	0.00
19/10/2023 09:30	3.0	138	27	4.7	0.00
19/10/2023 09:40	3.6	130	17	5.2	0.00
19/10/2023 09:50	3.7	125	19	5.4	0.00
19/10/2023 10:00	4.0	127	15	5.8	0.00
19/10/2023 10:10	4.1	113	16	5.9	0.00
19/10/2023 10:20	4.1	102	15	5.6	0.00
19/10/2023 10:30	3.6	109	22	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 10:40	4.2	104	15	5.8	0.00
19/10/2023 10:50	3.9	112	18	5.8	0.00
19/10/2023 11:00	3.9	96	16	5.2	0.00
19/10/2023 11:10	3.8	90	18	5.5	0.00
19/10/2023 11:20	3.6	77	15	5.4	0.00
19/10/2023 11:30	3.7	67	15	5.1	0.00
19/10/2023 11:40	3.3	77	18	5.1	0.00
19/10/2023 11:50	3.3	84	18	4.5	0.00
19/10/2023 12:00	3.2	72	19	4.6	0.00
19/10/2023 12:10	3.6	61	16	4.8	0.00
19/10/2023 12:20	3.3	67	16	5.4	0.00
19/10/2023 12:30	3.3	69	19	5.2	0.00
19/10/2023 12:40	3.1	67	21	5.1	0.00
19/10/2023 12:50	3.4	64	18	5.4	0.00
19/10/2023 13:00	3.1	65	26	6.2	0.00
19/10/2023 13:10	2.3	175	38	3.3	0.00
19/10/2023 13:20	3.0	15	23	4.6	0.00
19/10/2023 13:30	3.1	356	19	4.8	0.00
19/10/2023 13:40	3.4	181	18	4.9	0.00
19/10/2023 13:50	3.7	7	18	5.4	0.00
19/10/2023 14:00	3.9	344	19	5.8	0.00
19/10/2023 14:10	4.0	354	18	5.7	0.00
19/10/2023 14:20	4.4	3	16	7.7	0.00
19/10/2023 14:30	5.1	350	18	7.6	0.00
19/10/2023 14:40	4.9	352	21	7.2	0.00
19/10/2023 14:50	4.9	347	18	7.3	0.00
19/10/2023 15:00	4.7	342	19	7.0	0.00
19/10/2023 15:10	5.2	340	16	6.9	0.00
19/10/2023 15:20	4.1	4	21	6.1	0.00
19/10/2023 15:30	4.0	332	20	6.8	0.00
19/10/2023 15:40	4.1	345	23	6.8	0.00
19/10/2023 15:50	3.2	339	21	5.6	0.00
19/10/2023 16:00	3.5	348	24	5.7	0.00
19/10/2023 16:10	3.8	330	18	6.0	0.00
19/10/2023 16:20	3.7	314	18	6.0	0.00
19/10/2023 16:30	4.7	294	15	6.8	0.00
19/10/2023 16:40	5.3	294	11	6.8	0.00
19/10/2023 16:50	5.0	296	12	7.0	0.00
19/10/2023 17:00	4.3	299	11	6.0	0.00
19/10/2023 17:10	4.3	299	11	5.8	0.00
19/10/2023 17:20	4.4	296	12	6.1	0.00
19/10/2023 17:30	4.6	292	12	6.2	0.00
19/10/2023 17:40	4.2	295	12	5.8	0.00
19/10/2023 17:50	4.7	299	10	5.9	0.00
19/10/2023 18:00	4.5	298	12	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 18:10	4.5	299	10	5.9	0.00
19/10/2023 18:20	4.1	301	12	5.6	0.00
19/10/2023 18:30	3.7	299	11	5.2	0.00
19/10/2023 18:40	3.7	291	14	5.1	0.00
19/10/2023 18:50	3.4	272	15	4.8	0.00
19/10/2023 19:00	4.0	293	13	5.2	0.00
19/10/2023 19:10	2.8	277	15	4.0	0.00
19/10/2023 19:20	3.2	266	12	4.0	0.00
19/10/2023 19:30	2.7	265	11	3.7	0.00
19/10/2023 19:40	3.0	260	9	4.2	0.00
19/10/2023 19:50	3.4	259	9	4.5	0.00
19/10/2023 20:00	4.1	263	10	5.3	0.00
19/10/2023 20:10	3.6	263	9	4.6	0.00
19/10/2023 20:20	3.9	255	10	5.4	0.00
19/10/2023 20:30	3.7	256	11	5.1	0.00
19/10/2023 20:40	3.4	254	11	4.7	0.00
19/10/2023 20:50	4.2	260	9	5.3	0.00
19/10/2023 21:00	4.0	260	10	5.3	0.00
19/10/2023 21:10	3.4	264	7	4.4	0.00
19/10/2023 21:20	2.8	250	12	3.6	0.00
19/10/2023 21:30	3.0	254	10	4.4	0.00
19/10/2023 21:40	3.6	258	8	4.8	0.00
19/10/2023 21:50	2.9	254	10	4.4	0.00
19/10/2023 22:00	2.4	253	11	3.7	0.00
19/10/2023 22:10	2.1	244	11	3.3	0.00
19/10/2023 22:20	2.5	256	10	3.7	0.00
19/10/2023 22:30	3.3	250	11	4.4	0.00
19/10/2023 22:40	2.7	250	11	4.0	0.00
19/10/2023 22:50	2.8	251	10	3.8	0.00
19/10/2023 23:00	2.8	250	10	4.0	0.00
19/10/2023 23:10	2.8	246	10	3.7	0.00
19/10/2023 23:20	2.7	244	10	4.1	0.00
19/10/2023 23:30	2.1	249	12	3.2	0.00
19/10/2023 23:40	2.0	247	12	3.2	0.00
19/10/2023 23:50	2.2	256	10	3.1	0.00
20/10/2023 00:00	2.6	253	11	3.5	0.00
20/10/2023 00:10	1.8	247	12	2.8	0.00
20/10/2023 00:20	1.1	253	15	3.1	0.00
20/10/2023 00:30	0.7	283	17	2.8	0.00
20/10/2023 00:40	1.5	276	15	3.3	0.00
20/10/2023 00:50	2.5	262	14	3.6	0.00
20/10/2023 01:00	2.1	257	14	3.6	0.00
20/10/2023 01:10	2.0	253	11	3.2	0.00
20/10/2023 01:20	2.4	262	8	3.3	0.00
20/10/2023 01:30	2.8	265	8	3.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 01:40	3.2	264	7	4.1	0.00
20/10/2023 01:50	2.4	264	8	2.9	0.00
20/10/2023 02:00	2.6	261	8	3.3	0.00
20/10/2023 02:10	2.1	252	10	2.8	0.00
20/10/2023 02:20	2.0	254	8	2.6	0.00
20/10/2023 02:30	1.7	247	10	2.2	0.00
20/10/2023 02:40	1.7	238	12	2.2	0.00
20/10/2023 02:50	1.9	247	10	2.4	0.00
20/10/2023 03:00	2.1	250	9	2.9	0.00
20/10/2023 03:10	2.4	255	10	3.2	0.00
20/10/2023 03:20	2.3	254	9	3.0	0.00
20/10/2023 03:30	1.8	245	13	2.5	0.00
20/10/2023 03:40	2.2	255	10	2.9	0.00
20/10/2023 03:50	2.8	262	9	3.7	0.00
20/10/2023 04:00	2.6	261	8	3.3	0.00
20/10/2023 04:10	1.8	250	11	2.5	0.00
20/10/2023 04:20	2.4	247	11	3.1	0.00
20/10/2023 04:30	2.6	251	10	3.5	0.00
20/10/2023 04:40	2.3	244	11	3.1	0.00
20/10/2023 04:50	1.9	250	11	2.6	0.00
20/10/2023 05:00	1.7	244	14	2.3	0.00
20/10/2023 05:10	1.3	245	13	1.9	0.00
20/10/2023 05:20	1.1	237	11	1.6	0.00
20/10/2023 05:30	1.0	244	9	1.6	0.00
20/10/2023 05:40	1.2	224	16	1.8	0.00
20/10/2023 05:50	1.3	229	17	1.9	0.00
20/10/2023 06:00	0.8	225	19	1.3	0.00
20/10/2023 06:10	0.4	223	43	0.9	0.00
20/10/2023 06:20	0.6	109	33	1.9	0.00
20/10/2023 06:30	1.3	248	46	2.5	0.00
20/10/2023 06:40	0.8	248	69	1.7	0.00
20/10/2023 06:50	0.2	191	6	0.6	0.00
20/10/2023 07:00	0.0	99	6	0.6	0.00
20/10/2023 07:10					0.00
20/10/2023 07:20	1.5	149	21	3.0	0.00
20/10/2023 07:30	2.0	143	23	3.4	0.00
20/10/2023 07:40	2.6	142	28	4.4	0.00
20/10/2023 07:50	2.8	141	19	4.5	0.00
20/10/2023 08:00	3.2	138	20	4.9	0.00
20/10/2023 08:10	3.3	135	18	4.8	0.00
20/10/2023 08:20	4.3	137	17	6.4	0.00
20/10/2023 08:30	3.9	133	18	5.7	0.00
20/10/2023 08:40	2.5	91	19	4.4	1.00
20/10/2023 08:50	2.6	129	19	5.9	0.10
20/10/2023 09:00	3.9	126	14	5.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 09:10	3.9	122	18	5.5	0.00
20/10/2023 09:20	4.5	117	12	6.5	0.00
20/10/2023 09:30	4.1	123	15	6.1	0.00
20/10/2023 09:40	3.7	120	16	5.3	0.00
20/10/2023 09:50	4.1	107	14	5.3	0.00
20/10/2023 10:00	5.6	85	12	7.4	0.00
20/10/2023 10:10	5.5	84	14	7.5	0.00
20/10/2023 10:20	5.1	80	13	6.9	0.00
20/10/2023 10:30	5.0	82	14	6.9	0.00
20/10/2023 10:40	5.5	76	12	7.5	0.00
20/10/2023 10:50	5.5	73	13	7.5	0.00
20/10/2023 11:00	5.4	77	12	7.3	0.00
20/10/2023 11:10	5.4	75	14	8.1	0.00
20/10/2023 11:20	6.3	79	12	8.1	0.00
20/10/2023 11:30	6.2	75	12	8.5	0.00
20/10/2023 11:40	6.6	75	13	9.0	0.00
20/10/2023 11:50	6.8	70	10	8.6	0.00
20/10/2023 12:00	7.1	66	11	8.9	0.00
20/10/2023 12:10	7.4	70	9	9.7	0.00
20/10/2023 12:20	6.3	73	13	8.7	0.00
20/10/2023 12:30	6.5	77	11	9.0	0.00
20/10/2023 12:40	6.0	79	13	8.3	0.00
20/10/2023 12:50	6.0	81	12	8.3	0.00
20/10/2023 13:00	6.0	71	13	8.1	0.00
20/10/2023 13:10	6.0	72	13	8.3	0.00
20/10/2023 13:20	6.3	70	13	8.5	0.00
20/10/2023 13:30	7.1	72	12	9.4	0.00
20/10/2023 13:40	7.1	76	12	9.1	0.00
20/10/2023 13:50	6.1	70	14	8.7	0.00
20/10/2023 14:00	5.9	71	12	8.0	0.00
20/10/2023 14:10	5.6	64	13	8.1	0.00
20/10/2023 14:20	6.5	67	11	8.8	0.00
20/10/2023 14:30	5.9	56	13	7.9	0.00
20/10/2023 14:40	3.9	21	20	5.6	0.00
20/10/2023 14:50	4.1	177	21	5.7	0.00
20/10/2023 15:00	4.0	349	16	5.9	0.00
20/10/2023 15:10	3.8	344	16	5.3	0.00
20/10/2023 15:20	4.0	349	19	5.5	0.00
20/10/2023 15:30	3.9	344	18	5.6	0.00
20/10/2023 15:40	4.2	349	19	5.9	0.00
20/10/2023 15:50	3.7	356	18	5.2	0.00
20/10/2023 16:00	3.7	9	17	5.2	0.00
20/10/2023 16:10	3.7	181	17	5.4	0.00
20/10/2023 16:20	4.3	355	15	5.9	0.00
20/10/2023 16:30	4.0	358	15	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 16:40	4.0	178	16	5.6	0.00
20/10/2023 16:50	4.3	355	17	5.8	0.00
20/10/2023 17:00	4.6	2	16	6.1	0.00
20/10/2023 17:10	4.1	178	20	6.3	0.00
20/10/2023 17:20	4.7	179	16	7.1	0.00
20/10/2023 17:30	4.1	183	15	6.4	0.00
20/10/2023 17:40	3.7	183	16	5.6	0.00
20/10/2023 17:50	4.1	350	15	5.9	0.00
20/10/2023 18:00	4.1	8	18	5.6	0.00
20/10/2023 18:10	3.8	11	14	5.4	0.00
20/10/2023 18:20	3.6	6	18	6.0	0.00
20/10/2023 18:30	4.3	1	15	6.0	0.00
20/10/2023 18:40	4.1	355	19	5.9	0.00
20/10/2023 18:50	4.4	348	18	6.0	0.00
20/10/2023 19:00	4.6	349	17	6.8	0.00
20/10/2023 19:10	3.1	337	20	5.2	0.00
20/10/2023 19:20	3.1	309	15	4.4	0.00
20/10/2023 19:30	3.7	312	15	5.6	0.00
20/10/2023 19:40	3.7	278	13	4.9	0.00
20/10/2023 19:50	3.3	266	12	4.8	0.00
20/10/2023 20:00	3.9	261	10	5.3	0.00
20/10/2023 20:10	3.9	260	10	5.2	0.00
20/10/2023 20:20	4.2	257	11	5.3	0.00
20/10/2023 20:30	4.1	258	11	6.0	0.00
20/10/2023 20:40	4.1	259	12	5.8	0.00
20/10/2023 20:50	3.5	248	10	5.2	0.00
20/10/2023 21:00	3.1	248	13	4.3	0.00
20/10/2023 21:10	3.7	252	11	4.7	0.00
20/10/2023 21:20	3.7	256	11	5.1	0.00
20/10/2023 21:30	3.2	249	12	4.5	0.00
20/10/2023 21:40	3.8	254	11	5.1	0.00
20/10/2023 21:50	3.5	254	12	4.7	0.00
20/10/2023 22:00	2.9	248	11	3.6	0.00
20/10/2023 22:10	2.7	243	11	3.5	0.00
20/10/2023 22:20	3.1	256	10	4.3	0.00
20/10/2023 22:30	3.1	253	9	4.1	0.00
20/10/2023 22:40	3.5	250	10	4.4	0.00
20/10/2023 22:50	3.2	251	9	4.0	0.00
20/10/2023 23:00	2.8	255	9	3.9	0.00
20/10/2023 23:10	3.0	256	9	3.8	0.00
20/10/2023 23:20	3.4	257	9	4.4	0.00
20/10/2023 23:30	3.5	260	9	4.1	0.00
20/10/2023 23:40	3.6	264	7	4.4	0.00
20/10/2023 23:50	3.2	257	9	4.2	0.00
21/10/2023 00:00	3.1	253	10	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 00:10	2.0	244	9	2.9	0.00
21/10/2023 00:20	2.1	240	8	2.5	0.00
21/10/2023 00:30	1.2	237	9	1.6	0.00
21/10/2023 00:40	0.6	233	6	1.2	0.00
21/10/2023 00:50					0.00
21/10/2023 01:00					0.00
21/10/2023 01:10					0.00
21/10/2023 01:20	0.3	248	3	1.7	0.00
21/10/2023 01:30	1.3	231	14	2.1	0.00
21/10/2023 01:40	0.2	219	11	1.4	0.00
21/10/2023 01:50					0.00
21/10/2023 02:00	0.1	312	2	1.1	0.00
21/10/2023 02:10	1.3	280	13	1.6	0.00
21/10/2023 02:20	1.3	257	8	1.9	0.00
21/10/2023 02:30					0.00
21/10/2023 02:40	1.0	266	6	1.6	0.00
21/10/2023 02:50	1.4	267	14	1.8	0.00
21/10/2023 03:00	0.4	245	8	1.1	0.00
21/10/2023 03:10	0.4	250	9	1.2	0.00
21/10/2023 03:20	1.5	260	7	2.0	0.00
21/10/2023 03:30	1.5	239	13	1.9	0.00
21/10/2023 03:40	1.8	255	6	2.3	0.00
21/10/2023 03:50	1.8	245	7	2.4	0.00
21/10/2023 04:00	1.8	234	11	2.5	0.00
21/10/2023 04:10	1.2	242	14	1.7	0.00
21/10/2023 04:20	2.0	246	10	2.6	0.00
21/10/2023 04:30	1.3	167	31	1.8	0.00
21/10/2023 04:40	0.5	272	19	1.0	0.00
21/10/2023 04:50	0.4	170	26	0.9	0.00
21/10/2023 05:00	0.6	66	4	1.2	0.00
21/10/2023 05:10					0.00
21/10/2023 05:20					0.00
21/10/2023 05:30	0.7	277	4	1.3	0.00
21/10/2023 05:40	0.4	289	5	0.9	0.00
21/10/2023 05:50	1.2	242	16	1.8	0.00
21/10/2023 06:00	0.9	155	25	1.7	0.00
21/10/2023 06:10	1.0	184	20	1.3	0.00
21/10/2023 06:20	0.1	263	2	0.7	0.00
21/10/2023 06:30					0.00
21/10/2023 06:40	0.7	77	9	1.2	0.00
21/10/2023 06:50	0.7	72	38	1.2	0.00
21/10/2023 07:00	0.4	228	15	1.0	0.00
21/10/2023 07:10	0.4	178	27	1.0	0.00
21/10/2023 07:20	0.5	122	24	1.0	0.00
21/10/2023 07:30	1.1	95	19	1.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 07:40	1.5	85	22	2.1	0.00
21/10/2023 07:50	2.3	141	19	3.2	0.00
21/10/2023 08:00	2.3	136	16	3.4	0.00
21/10/2023 08:10	3.3	126	13	4.5	0.00
21/10/2023 08:20	3.4	120	12	4.7	0.00
21/10/2023 08:30	2.6	127	17	3.6	0.00
21/10/2023 08:40	2.8	115	18	3.9	0.00
21/10/2023 08:50	3.3	109	17	4.7	0.00
21/10/2023 09:00	3.8	86	12	5.5	0.00
21/10/2023 09:10	4.6	90	11	6.6	0.00
21/10/2023 09:20	3.7	99	15	5.5	0.00
21/10/2023 09:30	5.0	90	14	8.3	0.00
21/10/2023 09:40	4.1	75	13	5.7	0.00
21/10/2023 09:50	4.7	78	10	6.4	0.00
21/10/2023 10:00	4.7	67	13	6.3	0.00
21/10/2023 10:10	6.1	62	14	8.7	0.00
21/10/2023 10:20	5.0	54	13	7.2	0.00
21/10/2023 10:30	6.3	66	14	8.3	0.00
21/10/2023 10:40	5.3	61	13	7.3	0.00
21/10/2023 10:50	5.6	74	12	8.0	0.00
21/10/2023 11:00	5.7	61	13	8.0	0.00
21/10/2023 11:10	6.4	72	11	8.4	0.00
21/10/2023 11:20	6.0	73	15	8.3	0.00
21/10/2023 11:30	6.5	64	13	9.0	0.00
21/10/2023 11:40	6.3	68	14	8.6	0.00
21/10/2023 11:50	6.3	68	13	8.5	0.00
21/10/2023 12:00	6.2	68	12	8.4	0.00
21/10/2023 12:10	6.1	64	12	7.9	0.00
21/10/2023 12:20	6.0	64	12	7.7	0.00
21/10/2023 12:30	4.9	65	15	6.8	0.00
21/10/2023 12:40	4.9	60	16	6.9	0.00
21/10/2023 12:50	5.0	57	15	7.5	0.00
21/10/2023 13:00	5.3	67	14	7.1	0.00
21/10/2023 13:10	4.7	47	20	6.7	0.00
21/10/2023 13:20	4.9	44	15	7.2	0.00
21/10/2023 13:30	5.4	43	13	7.6	0.00
21/10/2023 13:40	5.1	36	22	7.5	0.00
21/10/2023 13:50	4.6	43	21	6.6	0.00
21/10/2023 14:00	4.5	25	21	7.1	0.00
21/10/2023 14:10	4.6	195	21	6.6	0.00
21/10/2023 14:20	4.8	31	28	6.6	0.00
21/10/2023 14:30	4.2	354	22	6.4	0.00
21/10/2023 14:40	4.1	351	19	5.5	0.00
21/10/2023 14:50	4.1	354	17	5.6	0.00
21/10/2023 15:00	4.2	183	22	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 15:10	4.2	183	22	5.7	0.00
21/10/2023 15:20	4.3	349	19	6.2	0.00
21/10/2023 15:30	4.3	356	20	6.4	0.00
21/10/2023 15:40	4.3	353	20	5.9	0.00
21/10/2023 15:50	4.2	356	21	6.4	0.00
21/10/2023 16:00	4.7	356	18	7.2	0.00
21/10/2023 16:10	4.1	346	21	7.0	0.00
21/10/2023 16:20	4.1	341	19	6.1	0.00
21/10/2023 16:30	4.6	332	18	6.8	0.00
21/10/2023 16:40	5.4	328	13	7.4	0.00
21/10/2023 16:50	5.3	329	14	7.5	0.00
21/10/2023 17:00	4.9	330	14	6.8	0.00
21/10/2023 17:10	4.7	338	16	7.0	0.00
21/10/2023 17:20	4.5	340	19	6.0	0.00
21/10/2023 17:30	3.9	345	16	5.2	0.00
21/10/2023 17:40	4.1	339	15	6.6	0.00
21/10/2023 17:50	4.5	335	13	6.4	0.00
21/10/2023 18:00	4.1	338	17	5.6	0.00
21/10/2023 18:10	4.4	332	14	6.0	0.00
21/10/2023 18:20	4.3	336	17	5.9	0.00
21/10/2023 18:30	5.0	328	12	6.4	0.00
21/10/2023 18:40	5.2	336	13	7.2	0.00
21/10/2023 18:50	4.9	336	12	6.7	0.00
21/10/2023 19:00	4.7	337	13	6.4	0.00
21/10/2023 19:10	4.4	341	14	5.6	0.00
21/10/2023 19:20	4.5	337	10	6.0	0.00
21/10/2023 19:30	4.3	334	11	5.8	0.00
21/10/2023 19:40	3.5	336	14	4.7	0.00
21/10/2023 19:50	2.8	300	17	4.2	0.00
21/10/2023 20:00	2.0	262	16	3.1	0.00
21/10/2023 20:10	2.2	243	13	3.1	0.00
21/10/2023 20:20	2.8	242	12	4.0	0.00
21/10/2023 20:30	3.0	246	12	4.3	0.00
21/10/2023 20:40	2.9	236	11	3.7	0.00
21/10/2023 20:50	1.7	239	19	2.7	0.00
21/10/2023 21:00	1.1	204	46	2.0	0.00
21/10/2023 21:10	0.7	140	14	1.6	0.00
21/10/2023 21:20	0.7	273	14	1.6	0.00
21/10/2023 21:30	0.2	216	6	1.4	0.00
21/10/2023 21:40	0.7	239	31	2.0	0.00
21/10/2023 21:50	2.8	262	9	3.6	0.00
21/10/2023 22:00	3.2	251	11	4.2	0.00
21/10/2023 22:10	2.8	253	10	3.7	0.00
21/10/2023 22:20	2.3	256	11	3.1	0.00
21/10/2023 22:30	2.8	249	12	3.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 22:40	2.9	256	9	3.6	0.00
21/10/2023 22:50	2.8	249	11	3.6	0.00
21/10/2023 23:00	2.9	246	11	3.7	0.00
21/10/2023 23:10	2.6	250	11	3.6	0.00
21/10/2023 23:20	3.1	250	12	4.0	0.00
21/10/2023 23:30	3.0	249	11	4.0	0.00
21/10/2023 23:40	3.1	250	12	4.0	0.00
21/10/2023 23:50	3.3	252	11	4.4	0.00
22/10/2023 00:00	3.5	252	9	4.4	0.00
22/10/2023 00:10	3.5	249	12	4.7	0.00
22/10/2023 00:20	3.2	242	11	4.3	0.00
22/10/2023 00:30	3.3	243	11	4.4	0.00
22/10/2023 00:40	2.9	242	10	4.0	0.00
22/10/2023 00:50	3.2	242	12	4.7	0.00
22/10/2023 01:00	3.6	243	11	4.8	0.00
22/10/2023 01:10	2.8	246	11	3.8	0.00
22/10/2023 01:20	2.9	246	11	3.9	0.00
22/10/2023 01:30	2.2	255	12	3.0	0.00
22/10/2023 01:40	3.2	252	11	4.1	0.00
22/10/2023 01:50	3.7	248	10	5.0	0.00
22/10/2023 02:00	3.2	250	10	4.2	0.00
22/10/2023 02:10	3.1	254	9	4.2	0.00
22/10/2023 02:20	3.0	251	10	3.9	0.00
22/10/2023 02:30	3.6	248	11	4.4	0.00
22/10/2023 02:40	3.6	240	11	5.2	0.00
22/10/2023 02:50	3.2	251	11	4.0	0.00
22/10/2023 03:00	2.5	256	12	3.4	0.00
22/10/2023 03:10	3.3	249	10	4.4	0.00
22/10/2023 03:20	2.7	244	14	3.9	0.00
22/10/2023 03:30	3.1	243	13	4.8	0.00
22/10/2023 03:40	3.4	248	13	5.0	0.00
22/10/2023 03:50	3.7	248	11	5.4	0.00
22/10/2023 04:00	3.6	248	12	4.8	0.00
22/10/2023 04:10	3.3	252	11	4.4	0.00
22/10/2023 04:20	2.8	268	10	3.7	0.00
22/10/2023 04:30	3.0	258	11	3.8	0.00
22/10/2023 04:40	2.6	263	9	3.4	0.00
22/10/2023 04:50	2.0	250	13	3.3	0.00
22/10/2023 05:00	2.4	271	8	3.0	0.00
22/10/2023 05:10	3.3	268	10	4.4	0.00
22/10/2023 05:20	3.4	271	11	4.4	0.00
22/10/2023 05:30	3.3	279	7	4.0	0.00
22/10/2023 05:40	3.1	278	8	4.0	0.00
22/10/2023 05:50	2.8	281	5	3.2	0.00
22/10/2023 06:00	2.4	279	8	3.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 06:10	2.5	273	9	3.2	0.00
22/10/2023 06:20	2.3	275	8	2.8	0.00
22/10/2023 06:30	1.9	275	9	2.4	0.00
22/10/2023 06:40	1.8	285	7	2.3	0.00
22/10/2023 06:50	1.9	279	10	2.4	0.00
22/10/2023 07:00	2.8	271	11	3.9	0.00
22/10/2023 07:10	2.1	253	14	3.1	0.00
22/10/2023 07:20	1.5	246	19	2.2	0.00
22/10/2023 07:30	1.8	254	18	2.3	0.00
22/10/2023 07:40	1.2	220	20	2.2	0.00
22/10/2023 07:50	1.5	233	20	2.2	0.00
22/10/2023 08:00	1.4	230	20	2.3	0.00
22/10/2023 08:10	1.9	240	15	2.7	0.00
22/10/2023 08:20	1.9	240	14	2.6	0.00
22/10/2023 08:30	1.3	219	40	2.4	0.00
22/10/2023 08:40	1.2	192	40	1.6	0.00
22/10/2023 08:50	1.6	120	42	2.8	0.00
22/10/2023 09:00	1.6	112	33	2.6	0.00
22/10/2023 09:10	1.9	107	20	3.0	0.00
22/10/2023 09:20	1.0	151	64	2.0	0.00
22/10/2023 09:30	1.6	224	33	2.8	0.00
22/10/2023 09:40	1.8	215	33	2.9	0.00
22/10/2023 09:50	2.3	246	18	3.2	0.00
22/10/2023 10:00	2.9	246	15	3.8	0.00
22/10/2023 10:10	2.7	246	15	3.8	0.00
22/10/2023 10:20	2.7	241	15	3.9	0.00
22/10/2023 10:30	3.0	234	14	4.4	0.00
22/10/2023 10:40	3.2	238	14	4.5	0.00
22/10/2023 10:50	3.0	247	15	4.4	0.00
22/10/2023 11:00	3.0	261	17	4.4	0.00
22/10/2023 11:10	3.6	272	18	4.6	0.00
22/10/2023 11:20	4.0	274	14	5.1	0.00
22/10/2023 11:30	3.6	297	19	4.8	0.00
22/10/2023 11:40	3.6	310	18	4.8	0.00
22/10/2023 11:50	3.6	321	21	4.8	0.00
22/10/2023 12:00	2.6	337	26	3.7	0.00
22/10/2023 12:10	2.8	339	29	4.2	0.00
22/10/2023 12:20	3.5	3	21	4.8	0.00
22/10/2023 12:30	3.8	2	17	5.2	0.00
22/10/2023 12:40	4.1	5	18	5.4	0.00
22/10/2023 12:50	4.3	3	21	6.2	0.00
22/10/2023 13:00	5.0	2	19	6.8	0.00
22/10/2023 13:10	5.0	6	16	6.8	0.00
22/10/2023 13:20	4.0	350	20	5.9	0.00
22/10/2023 13:30	3.1	340	26	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 13:40	4.7	307	16	6.8	0.00
22/10/2023 13:50	5.1	299	11	6.6	0.00
22/10/2023 14:00	3.9	161	26	6.1	0.00
22/10/2023 14:10	4.0	332	29	6.0	0.00
22/10/2023 14:20	4.3	169	23	6.4	0.00
22/10/2023 14:30	3.8	10	18	5.3	0.00
22/10/2023 14:40	3.5	349	32	6.5	0.00
22/10/2023 14:50	4.5	16	17	6.6	0.00
22/10/2023 15:00	4.5	14	18	6.8	0.00
22/10/2023 15:10	4.7	8	23	6.5	0.00
22/10/2023 15:20	4.2	166	24	6.2	0.00
22/10/2023 15:30	4.9	177	22	7.5	0.00
22/10/2023 15:40	3.6	338	27	5.6	0.00
22/10/2023 15:50	5.4	311	17	8.0	0.00
22/10/2023 16:00	6.0	298	12	7.6	0.00
22/10/2023 16:10	4.0	319	23	5.8	0.00
22/10/2023 16:20	3.0	334	26	4.5	0.00
22/10/2023 16:30	3.2	336	22	5.2	0.00
22/10/2023 16:40	3.5	319	20	5.5	0.00
22/10/2023 16:50	3.4	336	26	5.2	0.00
22/10/2023 17:00	4.8	306	10	6.4	0.00
22/10/2023 17:10	4.8	304	13	6.5	0.00
22/10/2023 17:20	4.7	304	14	6.4	0.00
22/10/2023 17:30	4.6	313	11	5.8	0.00
22/10/2023 17:40	4.0	311	13	5.2	0.00
22/10/2023 17:50	4.4	299	13	6.0	0.00
22/10/2023 18:00	4.5	297	12	6.3	0.00
22/10/2023 18:10	4.4	303	14	6.1	0.00
22/10/2023 18:20	4.3	303	14	5.9	0.00
22/10/2023 18:30	4.9	294	10	6.4	0.00
22/10/2023 18:40	4.6	307	12	6.5	0.00
22/10/2023 18:50	3.1	328	20	4.5	0.00
22/10/2023 19:00	2.5	328	23	4.5	0.00
22/10/2023 19:10	1.7	321	20	4.0	0.00
22/10/2023 19:20	2.4	321	21	4.6	0.00
22/10/2023 19:30	2.9	318	18	4.4	0.00
22/10/2023 19:40	3.1	320	17	5.5	0.00
22/10/2023 19:50	2.6	338	21	4.2	0.00
22/10/2023 20:00	2.7	350	19	4.5	0.00
22/10/2023 20:10	2.8	171	21	4.6	0.00
22/10/2023 20:20	2.3	346	23	4.0	0.00
22/10/2023 20:30	3.1	320	19	5.2	0.00
22/10/2023 20:40	3.3	329	20	5.1	0.00
22/10/2023 20:50	3.2	159	21	5.2	0.00
22/10/2023 21:00	2.6	325	24	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 21:10	3.4	308	20	5.5	0.00
22/10/2023 21:20	3.4	315	19	5.1	0.00
22/10/2023 21:30	3.9	305	16	6.3	0.00
22/10/2023 21:40	3.5	313	17	5.2	0.00
22/10/2023 21:50	4.5	302	13	6.7	0.00
22/10/2023 22:00	4.7	302	10	6.4	0.00
22/10/2023 22:10	4.4	305	13	6.3	0.00
22/10/2023 22:20	5.2	302	10	7.0	0.00
22/10/2023 22:30	5.2	296	11	6.8	0.00
22/10/2023 22:40	4.3	304	14	7.0	0.00
22/10/2023 22:50	5.6	295	11	7.7	0.00
22/10/2023 23:00	5.1	298	11	6.9	0.00
22/10/2023 23:10	5.5	295	8	7.1	0.00
22/10/2023 23:20	5.9	294	10	7.2	0.00
22/10/2023 23:30	5.6	297	9	7.1	0.00
22/10/2023 23:40	5.3	300	13	7.1	0.00
22/10/2023 23:50	5.1	301	13	6.8	0.00
23/10/2023 00:00	4.4	308	14	5.7	0.00
23/10/2023 00:10	4.6	300	11	6.3	0.00
23/10/2023 00:20	4.2	301	12	6.0	0.00
23/10/2023 00:30	4.3	303	12	5.6	0.00
23/10/2023 00:40	4.3	307	12	6.0	0.00
23/10/2023 00:50	4.3	298	11	5.6	0.00
23/10/2023 01:00	4.1	299	11	5.4	0.00
23/10/2023 01:10	4.1	299	8	5.2	0.00
23/10/2023 01:20	3.8	296	11	5.0	0.00
23/10/2023 01:30	2.5	276	16	3.8	0.00
23/10/2023 01:40	2.3	274	18	3.5	0.00
23/10/2023 01:50	2.2	270	17	3.2	0.00
23/10/2023 02:00	2.3	265	14	3.4	0.00
23/10/2023 02:10	2.4	259	11	3.2	0.00
23/10/2023 02:20	2.6	260	12	3.4	0.00
23/10/2023 02:30	2.6	256	10	3.4	0.00
23/10/2023 02:40	2.5	260	10	3.2	0.00
23/10/2023 02:50	2.8	262	7	3.6	0.00
23/10/2023 03:00	3.0	259	10	4.4	0.00
23/10/2023 03:10	3.1	254	11	4.1	0.00
23/10/2023 03:20	3.9	254	10	5.2	0.00
23/10/2023 03:30	3.8	256	11	5.3	0.00
23/10/2023 03:40	2.4	251	15	3.6	0.00
23/10/2023 03:50	1.2	242	28	2.3	0.00
23/10/2023 04:00	2.9	260	8	3.7	0.00
23/10/2023 04:10	2.6	254	11	3.7	0.00
23/10/2023 04:20	0.9	250	12	1.3	0.00
23/10/2023 04:30	2.3	263	8	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 04:40	2.7	255	8	3.5	0.00
23/10/2023 04:50	2.5	257	9	3.2	0.00
23/10/2023 05:00	2.0	262	8	2.9	0.00
23/10/2023 05:10	1.5	263	10	2.0	0.00
23/10/2023 05:20	1.5	260	7	2.3	0.00
23/10/2023 05:30	1.8	253	9	2.6	0.00
23/10/2023 05:40	0.1	262	4	1.2	0.00
23/10/2023 05:50	1.1	261	4	1.7	0.00
23/10/2023 06:00					0.00
23/10/2023 06:10	0.0	116	0	0.4	0.00
23/10/2023 06:20					0.00
23/10/2023 06:30					0.00
23/10/2023 06:40					0.00
23/10/2023 06:50					0.00
23/10/2023 07:00					0.00
23/10/2023 07:10	0.2	248	1	2.4	0.00
23/10/2023 07:20	1.3	264	25	2.0	0.00
23/10/2023 07:30	0.6	239	21	1.5	0.00
23/10/2023 07:40	0.8	223	54	1.6	0.00
23/10/2023 07:50	0.8	193	30	1.7	0.00
23/10/2023 08:00	0.9	209	32	1.8	0.00
23/10/2023 08:10	1.3	178	38	2.0	0.00
23/10/2023 08:20	2.1	123	15	3.1	0.00
23/10/2023 08:30	2.0	125	24	2.8	0.00
23/10/2023 08:40	2.2	125	17	3.3	0.00
23/10/2023 08:50	2.2	128	19	3.1	0.00
23/10/2023 09:00	2.4	109	17	3.8	0.00
23/10/2023 09:10	2.2	103	19	3.5	0.00
23/10/2023 09:20	2.0	122	26	2.9	0.00
23/10/2023 09:30	1.9	129	22	2.8	0.00
23/10/2023 09:40	2.3	123	22	3.6	0.00
23/10/2023 09:50	2.1	119	21	3.1	0.00
23/10/2023 10:00	2.2	108	20	3.6	0.00
23/10/2023 10:10	2.5	109	17	3.8	0.00
23/10/2023 10:20	2.2	98	30	3.6	0.00
23/10/2023 10:30	2.0	104	34	3.4	0.00
23/10/2023 10:40	2.3	99	23	3.6	0.00
23/10/2023 10:50	1.9	139	45	3.5	0.00
23/10/2023 11:00	2.1	116	29	3.6	0.00
23/10/2023 11:10	2.1	127	39	3.6	0.00
23/10/2023 11:20	2.1	128	45	3.5	0.00
23/10/2023 11:30	2.0	151	49	3.9	0.00
23/10/2023 11:40	2.1	214	46	3.9	0.00
23/10/2023 11:50	2.9	278	18	4.6	0.00
23/10/2023 12:00	2.8	279	25	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 12:10	3.1	293	12	4.4	0.00
23/10/2023 12:20	3.3	299	11	4.4	0.00
23/10/2023 12:30	4.3	295	11	5.2	0.00
23/10/2023 12:40	4.1	300	12	5.7	0.00
23/10/2023 12:50	4.3	300	13	5.6	0.00
23/10/2023 13:00	4.7	303	10	5.6	0.00
23/10/2023 13:10	4.1	311	13	5.5	0.00
23/10/2023 13:20	4.8	309	14	6.6	0.00
23/10/2023 13:30	5.2	305	11	6.5	0.00
23/10/2023 13:40	4.9	300	10	6.3	0.00
23/10/2023 13:50	5.3	291	13	6.9	0.00
23/10/2023 14:00	5.8	289	11	7.5	0.00
23/10/2023 14:10	5.6	288	14	7.1	0.00
23/10/2023 14:20	5.4	291	11	6.8	0.00
23/10/2023 14:30	4.9	286	13	6.3	0.00
23/10/2023 14:40	5.3	295	9	6.8	0.00
23/10/2023 14:50	5.0	292	14	6.4	0.00
23/10/2023 15:00	4.7	289	16	6.1	0.00
23/10/2023 15:10	5.1	291	13	6.9	0.00
23/10/2023 15:20	4.6	282	17	6.0	0.00
23/10/2023 15:30	4.8	277	16	6.8	0.00
23/10/2023 15:40	4.8	274	17	6.5	0.00
23/10/2023 15:50	5.0	264	12	7.3	0.00
23/10/2023 16:00	4.9	264	11	6.8	0.00
23/10/2023 16:10	5.4	266	11	6.9	0.00
23/10/2023 16:20	5.3	267	13	7.5	0.00
23/10/2023 16:30	4.7	275	14	6.5	0.00
23/10/2023 16:40	5.4	273	13	7.8	0.00
23/10/2023 16:50	5.6	266	12	7.3	0.00
23/10/2023 17:00	6.5	263	9	8.7	0.00
23/10/2023 17:10	5.3	271	14	7.2	0.00
23/10/2023 17:20	4.7	267	13	6.4	0.00
23/10/2023 17:30	4.8	262	11	6.4	0.00
23/10/2023 17:40	4.9	268	14	6.9	0.00
23/10/2023 17:50	4.1	268	16	6.0	0.00
23/10/2023 18:00	3.8	271	14	5.9	0.00
23/10/2023 18:10	4.0	263	15	5.2	0.00
23/10/2023 18:20	4.1	265	12	5.3	0.00
23/10/2023 18:30	4.2	264	13	6.1	0.00
23/10/2023 18:40	4.0	265	12	5.8	0.00
23/10/2023 18:50	4.3	270	16	5.7	0.00
23/10/2023 19:00	4.2	269	11	6.4	0.00
23/10/2023 19:10	3.8	279	15	5.4	0.00
23/10/2023 19:20	4.6	274	14	6.4	0.00
23/10/2023 19:30	4.2	271	17	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 19:40	3.6	278	17	5.2	0.00
23/10/2023 19:50	3.0	286	20	4.4	0.00
23/10/2023 20:00	3.1	277	18	4.6	0.00
23/10/2023 20:10	2.8	275	19	4.2	0.00
23/10/2023 20:20	3.3	274	16	4.9	0.00
23/10/2023 20:30	3.4	273	15	4.8	0.00
23/10/2023 20:40	3.5	270	14	4.7	0.00
23/10/2023 20:50	3.6	272	13	5.2	0.00
23/10/2023 21:00	3.6	263	13	5.2	0.00
23/10/2023 21:10	3.4	264	13	4.6	0.00
23/10/2023 21:20	3.2	265	12	4.7	0.00
23/10/2023 21:30	3.3	262	11	4.7	0.00
23/10/2023 21:40	3.9	253	14	5.2	0.00
23/10/2023 21:50	3.9	254	12	5.2	0.00
23/10/2023 22:00	3.9	256	11	5.7	0.00
23/10/2023 22:10	4.0	258	10	5.3	0.00
23/10/2023 22:20	3.4	258	12	4.9	0.00
23/10/2023 22:30	3.6	256	10	4.6	0.00
23/10/2023 22:40	2.9	253	11	4.0	0.00
23/10/2023 22:50	3.5	254	10	4.6	0.00
23/10/2023 23:00	3.8	255	10	4.9	0.00
23/10/2023 23:10	4.4	258	10	5.9	0.00
23/10/2023 23:20	4.3	256	9	5.4	0.00
23/10/2023 23:30	4.2	253	11	5.6	0.00
23/10/2023 23:40	3.8	253	12	5.4	0.00
23/10/2023 23:50	4.1	254	9	5.6	0.00
24/10/2023 00:00	3.7	256	9	4.6	0.00
24/10/2023 00:10	3.1	254	10	4.0	0.00
24/10/2023 00:20	3.1	253	10	4.1	0.00
24/10/2023 00:30	2.3	250	12	3.2	0.00
24/10/2023 00:40	1.2	239	16	1.6	0.00
24/10/2023 00:50	1.9	253	10	2.4	0.00
24/10/2023 01:00	1.9	256	9	2.4	0.00
24/10/2023 01:10	2.1	259	8	2.6	0.00
24/10/2023 01:20	2.0	266	8	2.5	0.00
24/10/2023 01:30	1.7	264	10	2.4	0.00
24/10/2023 01:40	2.0	255	9	2.8	0.00
24/10/2023 01:50	0.8	257	13	1.4	0.00
24/10/2023 02:00	0.2	245	8	0.7	0.00
24/10/2023 02:10	0.8	257	16	1.1	0.00
24/10/2023 02:20	0.8	248	14	1.3	0.00
24/10/2023 02:30	0.9	264	13	1.3	0.00
24/10/2023 02:40	0.2	244	10	0.7	0.00
24/10/2023 02:50	0.4	79	23	0.9	0.00
24/10/2023 03:00	1.2	237	17	1.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 03:10	1.6	254	11	2.0	0.00
24/10/2023 03:20	2.1	246	11	2.8	0.00
24/10/2023 03:30	1.1	218	28	1.9	0.00
24/10/2023 03:40	1.0	219	24	1.7	0.00
24/10/2023 03:50	1.4	222	23	2.2	0.00
24/10/2023 04:00	1.9	224	21	2.5	0.00
24/10/2023 04:10	1.9	221	26	2.7	0.00
24/10/2023 04:20	1.4	281	71	2.4	0.00
24/10/2023 04:30	1.3	79	74	2.2	0.00
24/10/2023 04:40	1.3	83	81	2.4	0.00
24/10/2023 04:50	1.4	91	75	2.3	0.00
24/10/2023 05:00	1.7	132	61	3.0	0.00
24/10/2023 05:10	1.8	145	53	3.1	0.00
24/10/2023 05:20	1.9	144	61	2.9	0.00
24/10/2023 05:30	1.9	147	47	3.3	0.00
24/10/2023 05:40	2.1	140	40	3.3	0.00
24/10/2023 05:50	1.9	143	37	3.0	0.00
24/10/2023 06:00	1.6	130	56	2.6	0.00
24/10/2023 06:10	1.9	144	23	2.9	0.00
24/10/2023 06:20	2.9	147	21	4.0	0.00
24/10/2023 06:30	2.9	148	24	4.2	0.00
24/10/2023 06:40	3.4	142	17	4.7	0.00
24/10/2023 06:50	2.9	137	15	4.0	0.00
24/10/2023 07:00	2.7	143	21	4.7	0.00
24/10/2023 07:10	2.7	145	19	4.1	0.00
24/10/2023 07:20	2.4	140	30	4.0	0.00
24/10/2023 07:30	2.4	145	30	3.6	0.00
24/10/2023 07:40	1.3	200	77	2.5	0.00
24/10/2023 07:50	1.3	177	80	2.7	0.00
24/10/2023 08:00	1.3	171	69	2.3	0.00
24/10/2023 08:10	2.1	137	30	3.2	0.00
24/10/2023 08:20	2.9	137	18	4.3	0.00
24/10/2023 08:30	3.2	130	17	4.7	0.00
24/10/2023 08:40	3.6	124	14	4.9	0.00
24/10/2023 08:50	3.1	112	16	4.4	0.00
24/10/2023 09:00	3.8	112	12	5.2	0.00
24/10/2023 09:10	4.1	118	13	5.6	0.00
24/10/2023 09:20	4.1	121	13	5.7	0.00
24/10/2023 09:30	4.1	122	14	5.6	0.00
24/10/2023 09:40	3.8	115	15	5.8	0.00
24/10/2023 09:50	4.5	110	13	6.2	0.00
24/10/2023 10:00	4.5	104	11	5.8	0.00
24/10/2023 10:10	4.7	100	12	6.1	0.00
24/10/2023 10:20	4.7	96	14	6.4	0.00
24/10/2023 10:30	4.7	98	15	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 10:40	4.6	105	13	6.0	0.00
24/10/2023 10:50	4.7	91	14	7.0	0.00
24/10/2023 11:00	4.2	89	12	6.4	0.00
24/10/2023 11:10	4.1	81	13	5.9	0.00
24/10/2023 11:20	4.2	77	14	5.9	0.00
24/10/2023 11:30	4.2	69	16	5.6	0.00
24/10/2023 11:40	3.8	78	15	5.5	0.00
24/10/2023 11:50	3.5	85	16	5.4	0.00
24/10/2023 12:00	3.5	71	17	5.2	0.00
24/10/2023 12:10	3.2	79	15	5.1	0.00
24/10/2023 12:20	3.4	84	20	5.2	0.00
24/10/2023 12:30	3.3	81	19	5.0	0.00
24/10/2023 12:40	3.3	69	20	4.7	0.00
24/10/2023 12:50	3.6	79	15	5.2	0.00
24/10/2023 13:00	3.5	79	16	5.3	0.00
24/10/2023 13:10	3.9	69	17	5.6	0.00
24/10/2023 13:20	3.0	66	25	5.1	0.00
24/10/2023 13:30	3.6	70	15	5.1	0.00
24/10/2023 13:40	2.8	51	25	4.1	0.00
24/10/2023 13:50	2.9	65	20	4.4	0.00
24/10/2023 14:00	2.5	83	28	4.8	0.00
24/10/2023 14:10	2.1	202	50	4.1	0.00
24/10/2023 14:20	2.9	176	29	4.5	0.00
24/10/2023 14:30	3.7	177	20	5.2	0.00
24/10/2023 14:40	3.9	331	21	6.0	0.00
24/10/2023 14:50	3.8	322	22	6.4	0.00
24/10/2023 15:00	3.9	311	17	5.6	0.00
24/10/2023 15:10	3.2	322	21	4.7	0.00
24/10/2023 15:20	3.8	312	18	5.3	0.00
24/10/2023 15:30	4.6	302	12	6.4	0.00
24/10/2023 15:40	4.6	300	11	6.5	0.00
24/10/2023 15:50	4.3	303	12	6.0	0.00
24/10/2023 16:00	3.8	302	16	5.6	0.00
24/10/2023 16:10	4.6	297	13	6.2	0.00
24/10/2023 16:20	4.9	288	15	6.6	0.00
24/10/2023 16:30	4.8	288	13	6.1	0.00
24/10/2023 16:40	4.5	289	14	5.9	0.00
24/10/2023 16:50	4.4	294	13	5.8	0.00
24/10/2023 17:00	4.1	292	13	5.3	0.00
24/10/2023 17:10	4.2	275	13	5.9	0.00
24/10/2023 17:20	4.2	277	15	5.6	0.00
24/10/2023 17:30	4.0	281	14	6.1	0.00
24/10/2023 17:40	3.9	292	14	5.2	0.00
24/10/2023 17:50	3.4	289	14	4.4	0.00
24/10/2023 18:00	3.6	294	13	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 18:10	3.6	292	11	4.9	0.00
24/10/2023 18:20	3.2	282	15	4.4	0.00
24/10/2023 18:30	3.1	286	13	4.2	0.00
24/10/2023 18:40	3.9	259	8	5.6	0.00
24/10/2023 18:50	3.5	265	13	5.0	0.00
24/10/2023 19:00	3.7	272	13	5.2	0.00
24/10/2023 19:10	3.8	262	11	5.4	0.00
24/10/2023 19:20	4.6	261	9	5.9	0.00
24/10/2023 19:30	4.9	257	11	6.8	0.00
24/10/2023 19:40	4.9	259	11	6.4	0.00
24/10/2023 19:50	4.6	261	9	5.9	0.00
24/10/2023 20:00	4.9	261	10	6.3	0.00
24/10/2023 20:10	4.7	264	10	6.5	0.00
24/10/2023 20:20	4.3	263	8	5.3	0.00
24/10/2023 20:30	3.6	262	10	5.2	0.00
24/10/2023 20:40	3.5	268	13	4.8	0.00
24/10/2023 20:50	3.7	268	13	5.4	0.00
24/10/2023 21:00	4.1	261	10	5.6	0.00
24/10/2023 21:10	4.1	264	11	5.5	0.00
24/10/2023 21:20	4.1	262	10	5.3	0.00
24/10/2023 21:30	3.6	261	9	5.0	0.00
24/10/2023 21:40	4.2	261	10	5.7	0.00
24/10/2023 21:50	4.4	263	10	5.8	0.00
24/10/2023 22:00	4.3	263	11	6.0	0.00
24/10/2023 22:10	4.2	262	10	5.4	0.00
24/10/2023 22:20	4.4	261	11	5.8	0.00
24/10/2023 22:30	4.5	263	10	5.6	0.00
24/10/2023 22:40	4.9	263	9	6.5	0.00
24/10/2023 22:50	4.6	262	10	6.4	0.00
24/10/2023 23:00	4.9	262	10	6.8	0.00
24/10/2023 23:10	4.4	262	11	5.6	0.00
24/10/2023 23:20	3.7	259	9	5.1	0.00
24/10/2023 23:30	4.6	258	10	6.4	0.00
24/10/2023 23:40	3.9	254	9	5.1	0.00
24/10/2023 23:50	4.1	255	10	5.6	0.00
25/10/2023 00:00	4.6	255	10	6.0	0.00
25/10/2023 00:10	4.2	258	11	5.9	0.00
25/10/2023 00:20	4.2	256	10	6.4	0.00
25/10/2023 00:30	4.4	257	12	6.0	0.00
25/10/2023 00:40	4.3	253	11	5.6	0.00
25/10/2023 00:50	4.5	250	12	6.0	0.00
25/10/2023 01:00	4.5	255	12	6.4	0.00
25/10/2023 01:10	4.2	254	10	6.1	0.00
25/10/2023 01:20	4.1	248	13	6.0	0.00
25/10/2023 01:30	3.7	248	13	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 01:40	3.6	252	13	5.2	0.00
25/10/2023 01:50	4.0	255	11	5.4	0.00
25/10/2023 02:00	3.2	250	12	5.3	0.00
25/10/2023 02:10	3.3	252	11	4.4	0.00
25/10/2023 02:20	2.8	255	13	4.0	0.00
25/10/2023 02:30	2.4	252	10	3.3	0.00
25/10/2023 02:40	2.1	252	10	3.1	0.00
25/10/2023 02:50	2.1	253	11	2.8	0.00
25/10/2023 03:00	2.1	257	10	3.1	0.00
25/10/2023 03:10	2.2	261	9	2.8	0.00
25/10/2023 03:20	2.4	259	8	3.0	0.00
25/10/2023 03:30	2.5	255	10	3.3	0.00
25/10/2023 03:40	1.4	236	14	2.0	0.00
25/10/2023 03:50	0.5	159	19	1.1	0.00
25/10/2023 04:00	0.2	160	27	0.9	0.00
25/10/2023 04:10	1.6	270	14	2.2	0.00
25/10/2023 04:20	2.3	261	11	2.9	0.00
25/10/2023 04:30	2.3	270	10	3.0	0.00
25/10/2023 04:40	0.9	260	22	1.4	0.00
25/10/2023 04:50	1.0	287	15	1.2	0.00
25/10/2023 05:00	1.6	277	7	1.9	0.00
25/10/2023 05:10	1.2	279	8	1.6	0.00
25/10/2023 05:20	1.8	285	6	2.4	0.00
25/10/2023 05:30	1.4	272	17	2.0	0.00
25/10/2023 05:40	1.3	287	13	1.9	0.00
25/10/2023 05:50	2.1	282	7	2.5	0.00
25/10/2023 06:00	2.1	262	9	3.0	0.00
25/10/2023 06:10	2.0	251	11	2.7	0.00
25/10/2023 06:20	1.0	242	45	1.8	0.00
25/10/2023 06:30	0.8	136	23	1.4	0.00
25/10/2023 06:40	0.6	192	33	1.1	0.00
25/10/2023 06:50	0.4	72	16	0.8	0.00
25/10/2023 07:00	0.8	278	25	1.3	0.00
25/10/2023 07:10	1.5	244	74	2.4	0.00
25/10/2023 07:20	2.1	120	61	3.3	0.00
25/10/2023 07:30	3.3	145	34	5.4	0.00
25/10/2023 07:40	3.6	144	19	5.0	0.00
25/10/2023 07:50	4.1	138	17	6.0	0.00
25/10/2023 08:00	4.5	134	17	6.8	0.00
25/10/2023 08:10	5.0	132	14	7.2	0.00
25/10/2023 08:20	4.8	130	15	6.8	0.00
25/10/2023 08:30	4.3	118	15	7.2	0.00
25/10/2023 08:40	5.3	117	12	7.8	0.00
25/10/2023 08:50	4.9	107	12	6.7	0.00
25/10/2023 09:00	5.5	104	12	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 09:10	5.2	103	14	7.1	0.00
25/10/2023 09:20	6.0	102	10	7.9	0.00
25/10/2023 09:30	6.1	99	14	8.5	0.00
25/10/2023 09:40	6.2	89	14	8.2	0.00
25/10/2023 09:50	5.5	91	14	7.6	0.00
25/10/2023 10:00	5.7	94	12	7.9	0.00
25/10/2023 10:10	5.7	97	13	7.9	0.00
25/10/2023 10:20	6.0	98	13	8.3	0.00
25/10/2023 10:30	5.4	99	15	8.0	0.00
25/10/2023 10:40	5.5	97	14	8.0	0.00
25/10/2023 10:50	5.7	85	13	7.9	0.00
25/10/2023 11:00	6.7	78	10	8.7	0.00
25/10/2023 11:10	6.5	80	12	8.5	0.00
25/10/2023 11:20	6.2	84	12	8.7	0.00
25/10/2023 11:30	6.4	82	10	9.0	0.00
25/10/2023 11:40	6.3	77	11	8.6	0.00
25/10/2023 11:50	6.3	78	12	8.5	0.00
25/10/2023 12:00	6.3	76	10	8.9	0.00
25/10/2023 12:10	6.2	79	11	8.5	0.00
25/10/2023 12:20	5.5	76	11	7.9	0.00
25/10/2023 12:30	5.0	64	15	6.5	0.00
25/10/2023 12:40	5.4	71	14	7.6	0.00
25/10/2023 12:50	5.8	71	12	7.3	0.00
25/10/2023 13:00	5.4	67	12	7.4	0.00
25/10/2023 13:10	4.8	67	13	6.4	0.00
25/10/2023 13:20	5.1	62	15	6.5	0.00
25/10/2023 13:30	5.1	60	13	7.2	0.00
25/10/2023 13:40	5.5	70	13	7.6	0.00
25/10/2023 13:50	5.3	66	12	6.8	0.00
25/10/2023 14:00	5.5	69	12	7.4	0.00
25/10/2023 14:10	5.0	69	12	6.8	0.00
25/10/2023 14:20	4.6	63	13	7.0	0.00
25/10/2023 14:30	4.4	49	13	6.6	0.00
25/10/2023 14:40	4.3	40	13	5.9	0.00
25/10/2023 14:50	3.6	29	25	5.1	0.00
25/10/2023 15:00	3.3	181	21	4.8	0.00
25/10/2023 15:10	3.5	350	21	5.2	0.00
25/10/2023 15:20	3.5	190	22	4.8	0.00
25/10/2023 15:30	2.9	186	23	4.6	0.00
25/10/2023 15:40	3.5	351	18	5.2	0.00
25/10/2023 15:50	3.5	347	22	5.6	0.00
25/10/2023 16:00	3.7	180	21	5.3	0.00
25/10/2023 16:10	3.7	182	18	5.2	0.00
25/10/2023 16:20	3.4	359	19	4.9	0.00
25/10/2023 16:30	3.3	2	19	4.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 16:40	3.2	3	19	4.8	0.00
25/10/2023 16:50	3.0	185	18	4.7	0.00
25/10/2023 17:00	3.0	4	19	5.1	0.00
25/10/2023 17:10	3.0	186	16	4.6	0.00
25/10/2023 17:20	2.6	6	20	4.2	0.00
25/10/2023 17:30	2.3	21	40	3.9	0.00
25/10/2023 17:40	5.2	263	16	8.0	0.00
25/10/2023 17:50	4.5	267	12	6.9	0.00
25/10/2023 18:00	4.3	271	15	5.7	0.00
25/10/2023 18:10	3.6	275	14	5.2	0.00
25/10/2023 18:20	4.7	263	12	6.2	0.00
25/10/2023 18:30	5.1	261	11	6.9	0.00
25/10/2023 18:40	4.9	259	11	6.7	0.00
25/10/2023 18:50	4.7	255	11	6.4	0.00
25/10/2023 19:00	4.4	258	12	6.0	0.00
25/10/2023 19:10	4.7	255	12	6.7	0.00
25/10/2023 19:20	3.7	254	13	4.9	0.00
25/10/2023 19:30	4.7	253	11	6.2	0.00
25/10/2023 19:40	4.4	253	13	5.8	0.00
25/10/2023 19:50	4.5	256	11	6.4	0.00
25/10/2023 20:00	4.1	252	13	5.5	0.00
25/10/2023 20:10	4.1	251	12	5.2	0.00
25/10/2023 20:20	3.8	248	13	5.3	0.00
25/10/2023 20:30	3.4	247	11	4.8	0.00
25/10/2023 20:40	3.6	254	11	5.0	0.00
25/10/2023 20:50	4.0	251	11	5.5	0.00
25/10/2023 21:00	3.9	254	12	5.6	0.00
25/10/2023 21:10	3.3	256	11	4.8	0.00
25/10/2023 21:20	3.4	261	11	4.4	0.00
25/10/2023 21:30	2.7	274	12	3.4	0.00
25/10/2023 21:40	3.2	273	13	4.4	0.00
25/10/2023 21:50	3.1	282	13	4.6	0.00
25/10/2023 22:00	2.8	282	15	4.0	0.00
25/10/2023 22:10	3.2	273	14	4.5	0.00
25/10/2023 22:20	3.4	264	12	4.4	0.00
25/10/2023 22:30	2.9	268	12	3.9	0.00
25/10/2023 22:40	3.3	268	12	4.8	0.00
25/10/2023 22:50	3.1	267	12	4.1	0.00
25/10/2023 23:00	3.8	263	8	5.2	0.00
25/10/2023 23:10	3.3	267	13	4.3	0.00
25/10/2023 23:20	3.7	264	10	4.8	0.00
25/10/2023 23:30	3.7	263	10	4.7	0.00
25/10/2023 23:40	3.3	266	11	4.4	0.00
25/10/2023 23:50	3.1	262	9	4.0	0.00
26/10/2023 00:00	3.9	263	8	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 00:10	3.9	253	9	5.2	0.00
26/10/2023 00:20	3.4	255	11	5.0	0.00
26/10/2023 00:30	4.0	253	11	5.5	0.00
26/10/2023 00:40	4.2	253	10	5.8	0.00
26/10/2023 00:50	3.9	254	11	5.2	0.00
26/10/2023 01:00	3.3	243	11	4.4	0.00
26/10/2023 01:10	3.5	240	9	4.4	0.00
26/10/2023 01:20	3.5	249	10	4.9	0.00
26/10/2023 01:30	3.8	252	12	5.0	0.00
26/10/2023 01:40	3.4	249	13	4.9	0.00
26/10/2023 01:50	3.0	244	13	4.0	0.00
26/10/2023 02:00	3.0	245	12	4.4	0.00
26/10/2023 02:10	3.2	244	11	4.5	0.00
26/10/2023 02:20	3.2	246	13	4.7	0.00
26/10/2023 02:30	3.2	244	11	4.2	0.00
26/10/2023 02:40	3.0	245	12	4.4	0.00
26/10/2023 02:50	3.9	250	10	5.1	0.00
26/10/2023 03:00	3.5	252	9	4.4	0.00
26/10/2023 03:10	3.6	254	9	4.7	0.00
26/10/2023 03:20	3.4	253	8	4.4	0.00
26/10/2023 03:30	3.1	250	10	4.0	0.00
26/10/2023 03:40	3.0	244	11	4.0	0.00
26/10/2023 03:50	3.1	243	11	4.2	0.00
26/10/2023 04:00	2.7	242	11	3.7	0.00
26/10/2023 04:10	2.7	230	13	4.0	0.00
26/10/2023 04:20	1.8	212	26	2.7	0.00
26/10/2023 04:30	2.3	217	17	3.2	0.00
26/10/2023 04:40	1.6	221	49	2.7	0.00
26/10/2023 04:50	1.2	218	16	2.0	0.00
26/10/2023 05:00	1.7	230	13	2.3	0.00
26/10/2023 05:10	1.8	229	11	2.8	0.00
26/10/2023 05:20	1.2	227	15	2.0	0.00
26/10/2023 05:30	1.6	224	10	2.2	0.00
26/10/2023 05:40	1.5	193	53	2.5	0.00
26/10/2023 05:50	1.4	235	13	2.0	0.00
26/10/2023 06:00	0.7	196	33	1.3	0.00
26/10/2023 06:10	1.0	123	19	2.0	0.00
26/10/2023 06:20	0.4	157	19	1.2	0.00
26/10/2023 06:30	0.6	153	15	1.2	0.00
26/10/2023 06:40	2.6	111	11	3.7	0.00
26/10/2023 06:50	2.4	119	9	3.6	0.00
26/10/2023 07:00	2.5	106	12	3.3	0.00
26/10/2023 07:10	2.9	96	11	3.9	0.00
26/10/2023 07:20	3.1	99	14	4.4	0.00
26/10/2023 07:30	3.7	104	11	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 07:40	3.8	102	10	5.0	0.00
26/10/2023 07:50	3.6	106	14	5.2	0.00
26/10/2023 08:00	4.4	106	12	6.1	0.00
26/10/2023 08:10	4.2	101	12	5.8	0.00
26/10/2023 08:20	4.8	93	10	6.3	0.00
26/10/2023 08:30	5.8	102	11	7.5	0.00
26/10/2023 08:40	5.5	98	13	7.3	0.00
26/10/2023 08:50	6.4	102	12	8.5	0.00
26/10/2023 09:00	5.8	99	12	8.0	0.00
26/10/2023 09:10	5.6	95	12	7.9	0.00
26/10/2023 09:20	5.9	90	14	7.9	0.00
26/10/2023 09:30	7.1	90	12	9.5	0.00
26/10/2023 09:40	7.5	89	10	11.3	0.00
26/10/2023 09:50	7.0	85	13	9.9	0.00
26/10/2023 10:00	7.1	89	15	9.6	0.00
26/10/2023 10:10	7.9	83	11	10.4	0.00
26/10/2023 10:20	8.6	82	11	10.9	0.00
26/10/2023 10:30	7.5	87	13	9.9	0.00
26/10/2023 10:40	7.5	82	14	11.9	0.00
26/10/2023 10:50	8.0	77	11	10.5	0.00
26/10/2023 11:00	7.9	82	11	11.2	0.00
26/10/2023 11:10	7.7	83	11	10.7	0.00
26/10/2023 11:20	7.3	81	11	10.3	0.00
26/10/2023 11:30	7.4	82	11	10.3	0.00
26/10/2023 11:40	7.6	81	13	10.5	0.00
26/10/2023 11:50	7.2	83	11	9.6	0.00
26/10/2023 12:00	6.9	84	10	9.8	0.00
26/10/2023 12:10	6.8	82	11	9.1	0.00
26/10/2023 12:20	6.3	86	11	8.0	0.00
26/10/2023 12:30	6.6	82	10	8.3	0.00
26/10/2023 12:40	6.4	80	12	8.2	0.00
26/10/2023 12:50	5.9	84	12	7.9	0.00
26/10/2023 13:00	5.7	79	11	7.9	0.00
26/10/2023 13:10	5.9	85	12	8.0	0.00
26/10/2023 13:20	5.7	82	12	7.9	0.00
26/10/2023 13:30	5.7	81	12	7.5	0.00
26/10/2023 13:40	5.6	82	14	7.2	0.00
26/10/2023 13:50	5.7	79	12	7.5	0.00
26/10/2023 14:00	5.6	83	12	7.9	0.00
26/10/2023 14:10	5.6	77	14	7.5	0.00
26/10/2023 14:20	5.8	79	12	8.3	0.00
26/10/2023 14:30	5.7	84	14	8.2	0.00
26/10/2023 14:40	6.0	79	12	7.7	0.00
26/10/2023 14:50	6.4	83	13	8.3	0.00
26/10/2023 15:00	6.1	82	11	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 15:10	6.0	79	10	7.9	0.00
26/10/2023 15:20	5.4	81	13	7.9	0.00
26/10/2023 15:30	6.2	78	11	8.3	0.00
26/10/2023 15:40	5.7	68	12	7.3	0.00
26/10/2023 15:50	4.7	69	12	6.1	0.00
26/10/2023 16:00	4.4	63	12	6.1	0.00
26/10/2023 16:10	4.5	64	13	6.3	0.00
26/10/2023 16:20	4.1	62	11	5.8	0.00
26/10/2023 16:30	4.9	70	10	6.5	0.00
26/10/2023 16:40	5.0	72	11	6.4	0.00
26/10/2023 16:50	4.3	62	11	5.7	0.00
26/10/2023 17:00	3.3	50	14	4.8	0.00
26/10/2023 17:10	2.3	53	18	3.6	0.00
26/10/2023 17:20	1.8	65	17	2.5	0.00
26/10/2023 17:30	1.7	25	23	2.5	0.00
26/10/2023 17:40	1.0	285	34	1.6	0.00
26/10/2023 17:50	1.3	172	24	1.9	0.00
26/10/2023 18:00	2.0	98	14	3.2	0.00
26/10/2023 18:10	2.5	71	13	3.1	0.00
26/10/2023 18:20	1.3	204	40	2.0	0.00
26/10/2023 18:30	1.2	211	51	2.0	0.00
26/10/2023 18:40	1.7	256	18	2.4	0.00
26/10/2023 18:50	1.0	225	40	1.7	0.00
26/10/2023 19:00	0.5	251	21	1.0	0.00
26/10/2023 19:10	0.9	188	54	1.4	0.00
26/10/2023 19:20	1.5	258	21	3.0	0.00
26/10/2023 19:30	4.1	255	9	5.4	0.00
26/10/2023 19:40	3.9	257	11	5.2	0.00
26/10/2023 19:50	4.5	257	9	6.0	0.00
26/10/2023 20:00	4.9	259	10	6.1	0.00
26/10/2023 20:10	4.8	255	11	6.4	0.00
26/10/2023 20:20	4.2	260	11	5.3	0.00
26/10/2023 20:30	3.7	252	13	4.8	0.00
26/10/2023 20:40	4.0	249	12	5.4	0.00
26/10/2023 20:50	3.3	247	11	4.3	0.00
26/10/2023 21:00	3.5	252	11	4.4	0.00
26/10/2023 21:10	3.3	252	11	4.5	0.00
26/10/2023 21:20	3.0	254	11	4.0	0.00
26/10/2023 21:30	3.3	255	9	4.4	0.00
26/10/2023 21:40	3.1	254	12	4.2	0.00
26/10/2023 21:50	3.4	260	10	4.8	0.00
26/10/2023 22:00	3.5	255	10	4.4	0.00
26/10/2023 22:10	3.5	257	10	4.4	0.00
26/10/2023 22:20	3.2	256	9	4.3	0.00
26/10/2023 22:30	3.3	257	9	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 22:40	3.0	252	10	3.9	0.00
26/10/2023 22:50	2.1	247	11	2.8	0.00
26/10/2023 23:00	2.5	247	12	3.2	0.00
26/10/2023 23:10	2.5	246	10	3.6	0.00
26/10/2023 23:20	2.4	246	9	3.2	0.00
26/10/2023 23:30	1.9	248	9	2.7	0.00
26/10/2023 23:40	2.4	247	9	3.2	0.00
26/10/2023 23:50	2.0	233	17	3.2	0.00
27/10/2023 00:00	1.9	257	17	2.4	0.00
27/10/2023 00:10	1.8	247	13	2.4	0.00
27/10/2023 00:20	0.8	238	21	1.2	0.00
27/10/2023 00:30	0.2	224	10	0.6	0.00
27/10/2023 00:40	0.6	263	9	1.2	0.00
27/10/2023 00:50	0.5	200	18	1.2	0.00
27/10/2023 01:00	0.3	166	37	0.8	0.00
27/10/2023 01:10	1.0	252	22	1.6	0.00
27/10/2023 01:20	2.3	239	12	3.1	0.00
27/10/2023 01:30	2.5	234	12	3.7	0.00
27/10/2023 01:40	2.8	234	14	4.0	0.00
27/10/2023 01:50	2.7	238	15	4.2	0.00
27/10/2023 02:00	2.1	252	14	3.0	0.00
27/10/2023 02:10	2.0	261	19	2.6	0.00
27/10/2023 02:20	1.8	252	18	2.9	0.00
27/10/2023 02:30	1.6	259	22	2.7	0.00
27/10/2023 02:40	0.8	162	53	1.7	0.00
27/10/2023 02:50	1.1	317	39	2.4	0.00
27/10/2023 03:00	1.2	200	75	2.0	0.00
27/10/2023 03:10	1.1	267	65	2.0	0.00
27/10/2023 03:20	0.9	163	70	1.5	0.00
27/10/2023 03:30	1.0	62	40	1.8	0.00
27/10/2023 03:40	1.4	35	20	2.0	0.00
27/10/2023 03:50	2.0	67	12	2.7	0.00
27/10/2023 04:00	1.8	66	17	3.0	0.00
27/10/2023 04:10	2.0	75	12	2.8	0.00
27/10/2023 04:20	2.7	88	11	3.8	0.00
27/10/2023 04:30	2.3	87	9	3.2	0.00
27/10/2023 04:40	2.1	85	10	3.0	0.00
27/10/2023 04:50	2.6	91	12	3.7	0.00
27/10/2023 05:00	2.8	90	11	4.0	0.00
27/10/2023 05:10	2.8	90	11	3.9	0.00
27/10/2023 05:20	2.6	95	9	3.3	0.00
27/10/2023 05:30	2.4	96	9	3.0	0.00
27/10/2023 05:40	2.5	95	10	3.2	0.00
27/10/2023 05:50	2.0	103	12	2.7	0.00
27/10/2023 06:00	1.9	95	9	2.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 06:10	2.7	81	8	3.2	0.00
27/10/2023 06:20	2.9	86	8	3.7	0.00
27/10/2023 06:30	3.2	89	8	4.1	0.00
27/10/2023 06:40	3.0	86	8	3.7	0.00
27/10/2023 06:50	2.5	91	11	3.2	0.00
27/10/2023 07:00	2.7	94	9	3.6	0.00
27/10/2023 07:10	2.8	99	9	4.0	0.00
27/10/2023 07:20	2.8	105	11	3.7	0.00
27/10/2023 07:30	3.5	108	9	4.5	0.00
27/10/2023 07:40	3.9	106	8	4.9	0.00
27/10/2023 07:50	3.7	105	11	5.3	0.00
27/10/2023 08:00	4.1	103	10	5.3	0.00
27/10/2023 08:10	3.7	101	12	4.9	0.00
27/10/2023 08:20	4.0	94	12	5.7	0.00
27/10/2023 08:30	3.5	96	13	5.0	0.00
27/10/2023 08:40	3.7	93	12	4.8	0.00
27/10/2023 08:50	4.0	98	12	5.2	0.00
27/10/2023 09:00	4.4	101	12	5.7	0.00
27/10/2023 09:10	4.5	106	9	5.6	0.00
27/10/2023 09:20	3.9	97	10	4.8	0.00
27/10/2023 09:30	4.3	100	10	5.4	0.00
27/10/2023 09:40	3.8	103	13	5.3	0.00
27/10/2023 09:50	4.3	93	12	5.9	0.00
27/10/2023 10:00	4.6	91	12	6.4	0.00
27/10/2023 10:10	5.1	89	13	6.7	0.00
27/10/2023 10:20	5.4	92	13	7.1	0.00
27/10/2023 10:30	5.7	89	12	7.3	0.00
27/10/2023 10:40	6.1	84	11	8.1	0.00
27/10/2023 10:50	6.4	82	12	9.4	0.00
27/10/2023 11:00	7.3	83	11	9.5	0.00
27/10/2023 11:10	6.4	83	11	8.5	0.00
27/10/2023 11:20	6.3	81	12	8.6	0.00
27/10/2023 11:30	6.8	82	10	9.1	0.00
27/10/2023 11:40	6.3	80	11	8.7	0.00
27/10/2023 11:50	6.6	84	11	8.8	0.00
27/10/2023 12:00	6.3	78	12	8.5	0.00
27/10/2023 12:10	6.4	82	10	9.2	0.00
27/10/2023 12:20	5.9	82	11	8.5	0.00
27/10/2023 12:30	6.1	80	14	8.4	0.00
27/10/2023 12:40	6.8	77	12	8.7	0.00
27/10/2023 12:50	6.8	80	11	9.1	0.00
27/10/2023 13:00	6.9	80	11	9.5	0.00
27/10/2023 13:10	6.6	80	12	9.7	0.00
27/10/2023 13:20	6.6	77	12	9.0	0.00
27/10/2023 13:30	5.9	77	13	7.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 13:40	5.8	78	11	8.0	0.00
27/10/2023 13:50	5.8	68	12	7.9	0.00
27/10/2023 14:00	5.3	72	13	7.4	0.00
27/10/2023 14:10	6.2	72	10	9.4	0.00
27/10/2023 14:20	6.1	78	11	8.4	0.00
27/10/2023 14:30	6.2	72	13	9.3	0.00
27/10/2023 14:40	6.9	72	11	8.9	0.00
27/10/2023 14:50	5.9	75	12	8.5	0.00
27/10/2023 15:00	6.7	71	10	8.5	0.00
27/10/2023 15:10	6.3	74	8	8.2	0.00
27/10/2023 15:20	5.5	73	11	8.0	0.00
27/10/2023 15:30	6.2	74	10	8.2	0.00
27/10/2023 15:40	5.0	75	10	6.6	0.00
27/10/2023 15:50	5.1	61	12	6.4	0.00
27/10/2023 16:00	5.1	67	12	6.6	0.00
27/10/2023 16:10	4.7	70	13	6.1	0.00
27/10/2023 16:20	4.5	72	11	6.3	0.00
27/10/2023 16:30	4.6	64	11	6.0	0.00
27/10/2023 16:40	4.3	67	11	5.7	0.00
27/10/2023 16:50	4.4	70	10	5.6	0.00
27/10/2023 17:00	4.0	63	13	5.7	0.00
27/10/2023 17:10	3.8	59	12	5.1	0.00
27/10/2023 17:20	3.6	58	12	5.2	0.00
27/10/2023 17:30	3.6	58	13	4.7	0.00
27/10/2023 17:40	3.2	62	11	4.4	0.00
27/10/2023 17:50	2.7	58	13	4.0	0.00
27/10/2023 18:00	2.6	56	13	3.5	0.00
27/10/2023 18:10	2.7	55	12	3.6	0.00
27/10/2023 18:20	1.9	69	13	2.6	0.00
27/10/2023 18:30	2.1	60	11	3.0	0.00
27/10/2023 18:40	2.2	50	14	3.0	0.00
27/10/2023 18:50	1.5	182	23	2.7	0.00
27/10/2023 19:00	2.2	18	14	3.4	0.00
27/10/2023 19:10	2.3	13	17	3.2	0.00
27/10/2023 19:20	1.3	36	20	2.0	0.00
27/10/2023 19:30	1.1	132	63	2.0	0.00
27/10/2023 19:40	0.9	131	42	1.7	0.00
27/10/2023 19:50	1.9	14	14	3.2	0.00
27/10/2023 20:00	2.6	17	12	3.6	0.00
27/10/2023 20:10	2.7	24	12	3.6	0.00
27/10/2023 20:20	2.4	19	15	3.2	0.00
27/10/2023 20:30	2.0	20	14	3.2	0.00
27/10/2023 20:40	1.2	35	26	2.2	0.00
27/10/2023 20:50	0.8	41	44	1.6	0.00
27/10/2023 21:00	0.9	194	27	1.6	0.00



Yara Pilbara Nitrates- Burrup Road
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 21:10	0.7	153	49	1.5	0.00
27/10/2023 21:20	0.6	210	25	1.0	0.00
27/10/2023 21:30	0.3	180	21	0.7	0.00
27/10/2023 21:40	0.6	57	49	1.0	0.00
27/10/2023 21:50	0.5	173	24	0.9	0.00
27/10/2023 22:00	0.2	135	11	0.8	0.00
27/10/2023 22:10	0.2	142	16	0.6	0.00
27/10/2023 22:20	0.2	142	8	0.8	0.00
27/10/2023 22:30	1.4	65	8	1.8	0.00
27/10/2023 22:40	2.0	51	8	2.4	0.00
27/10/2023 22:50	1.0	91	23	1.6	0.00
27/10/2023 23:00	0.8	163	26	1.2	0.00
27/10/2023 23:10	1.2	216	32	1.9	0.00
27/10/2023 23:20	1.6	225	12	2.6	0.00
27/10/2023 23:30	0.5	140	10	1.3	0.00
27/10/2023 23:40	0.7	298	29	1.0	0.00
27/10/2023 23:50					0.00
28/10/2023 00:00	0.1	116	1	1.2	0.00
28/10/2023 00:10	0.8	118	8	1.3	0.00
28/10/2023 00:20	0.6	142	14	1.2	0.00
28/10/2023 00:30	0.4	197	23	1.2	0.00
28/10/2023 00:40					0.00
28/10/2023 00:50					0.00
28/10/2023 01:00					0.00
28/10/2023 01:10					0.00
28/10/2023 01:20	0.0	103	0	0.4	0.00
28/10/2023 01:30					0.00
28/10/2023 01:40	0.2	40	4	0.6	0.00
28/10/2023 01:50	0.2	54	5	0.5	0.00
28/10/2023 02:00	0.0	53	1	0.4	0.00
28/10/2023 02:10	0.1	57	7	0.6	0.00
28/10/2023 02:20	0.1	52	4	0.4	0.00
28/10/2023 02:30	0.0	88	2	0.5	0.00
28/10/2023 02:40	0.1	42	1	0.6	0.00
28/10/2023 02:50	0.1	45	4	0.4	0.00
28/10/2023 03:00					0.00
28/10/2023 03:10	0.0	47	0	0.4	0.00
28/10/2023 03:20	0.2	18	10	0.8	0.00
28/10/2023 03:30	0.1	56	9	0.5	0.00
28/10/2023 03:40	0.2	49	5	0.5	0.00
28/10/2023 03:50	0.5	62	9	0.9	0.00
28/10/2023 04:00	0.6	69	6	0.8	0.00
28/10/2023 04:10	0.8	58	6	1.1	0.00
28/10/2023 04:20	0.6	69	8	0.9	0.00
28/10/2023 04:30	0.4	90	12	0.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 04:40	0.3	121	12	0.6	0.00
28/10/2023 04:50	0.4	212	16	1.2	0.00
28/10/2023 05:00	0.3	231	14	0.9	0.00
28/10/2023 05:10	0.2	222	8	0.8	0.00
28/10/2023 05:20	0.0	137	3	0.4	0.00
28/10/2023 05:30	0.1	109	7	0.7	0.00
28/10/2023 05:40	0.8	75	12	1.2	0.00
28/10/2023 05:50	1.5	64	7	2.0	0.00
28/10/2023 06:00	1.7	51	9	2.1	0.00
28/10/2023 06:10	1.5	68	10	2.2	0.00
28/10/2023 06:20	0.8	75	12	1.6	0.00
28/10/2023 06:30	0.9	64	11	1.3	0.00
28/10/2023 06:40	1.0	92	13	1.5	0.00
28/10/2023 06:50	1.3	83	10	2.0	0.00
28/10/2023 07:00	1.6	91	10	2.1	0.00
28/10/2023 07:10	1.6	95	9	2.2	0.00
28/10/2023 07:20	1.5	88	13	2.1	0.00
28/10/2023 07:30	1.7	95	14	2.2	0.00
28/10/2023 07:40	1.8	100	11	2.5	0.00
28/10/2023 07:50	2.2	77	11	2.9	0.00
28/10/2023 08:00	2.5	93	11	3.4	0.00
28/10/2023 08:10	2.7	95	15	3.8	0.00
28/10/2023 08:20	2.6	89	13	3.9	0.00
28/10/2023 08:30	2.6	75	13	3.6	0.00
28/10/2023 08:40	2.7	77	13	3.8	0.00
28/10/2023 08:50	2.8	77	13	4.1	0.00
28/10/2023 09:00	3.3	72	11	4.6	0.00
28/10/2023 09:10	3.6	72	13	4.9	0.00
28/10/2023 09:20	3.4	78	17	5.1	0.00
28/10/2023 09:30	3.7	85	15	5.4	0.00
28/10/2023 09:40	3.8	70	14	5.6	0.00
28/10/2023 09:50	4.2	70	14	5.5	0.00
28/10/2023 10:00	4.0	68	17	5.5	0.00
28/10/2023 10:10	3.7	68	16	5.2	0.00
28/10/2023 10:20	4.1	70	14	5.5	0.00
28/10/2023 10:30	3.9	59	14	5.6	0.00
28/10/2023 10:40	4.1	62	14	5.8	0.00
28/10/2023 10:50	3.9	67	16	5.4	0.00
28/10/2023 11:00	3.6	66	18	5.2	0.00
28/10/2023 11:10	3.6	75	17	5.0	0.00
28/10/2023 11:20	3.2	71	18	4.9	0.00
28/10/2023 11:30	3.5	60	18	5.0	0.00
28/10/2023 11:40	3.6	66	18	5.2	0.00
28/10/2023 11:50	3.7	61	14	5.3	0.00
28/10/2023 12:00	3.9	59	17	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 12:10	3.9	56	16	5.2	0.00
28/10/2023 12:20	3.9	46	14	5.6	0.00
28/10/2023 12:30	3.9	53	16	6.0	0.00
28/10/2023 12:40	4.1	64	18	6.3	0.00
28/10/2023 12:50	3.8	68	15	5.5	0.00
28/10/2023 13:00	3.7	70	15	5.5	0.00
28/10/2023 13:10	3.3	33	27	4.8	0.00
28/10/2023 13:20	3.5	36	21	5.6	0.00
28/10/2023 13:30	3.1	184	23	5.2	0.00
28/10/2023 13:40	3.3	18	29	5.2	0.00
28/10/2023 13:50	3.5	30	19	5.2	0.00
28/10/2023 14:00	3.4	14	26	5.1	0.00
28/10/2023 14:10	3.4	191	25	5.6	0.00
28/10/2023 14:20	3.7	180	20	5.3	0.00
28/10/2023 14:30	3.7	358	17	5.1	0.00
28/10/2023 14:40	3.5	351	19	4.8	0.00
28/10/2023 14:50	3.6	356	20	5.3	0.00
28/10/2023 15:00	3.7	186	19	5.0	0.00
28/10/2023 15:10	3.3	355	23	5.1	0.00
28/10/2023 15:20	3.3	179	24	5.3	0.00
28/10/2023 15:30	3.6	358	17	5.6	0.00
28/10/2023 15:40	3.3	175	20	5.0	0.00
28/10/2023 15:50	3.8	347	26	5.6	0.00
28/10/2023 16:00	3.4	352	25	5.2	0.00
28/10/2023 16:10	3.1	177	23	4.8	0.00
28/10/2023 16:20	3.9	329	16	5.7	0.00
28/10/2023 16:30	3.9	186	22	5.9	0.00
28/10/2023 16:40	3.5	4	18	5.4	0.00
28/10/2023 16:50	3.0	1	24	4.8	0.00
28/10/2023 17:00	3.0	3	21	5.0	0.00
28/10/2023 17:10	2.7	183	21	4.4	0.00
28/10/2023 17:20	3.2	13	19	5.2	0.00
28/10/2023 17:30	3.0	11	23	4.8	0.00
28/10/2023 17:40	2.2	2	26	3.9	0.00
28/10/2023 17:50	2.3	181	24	3.9	0.00
28/10/2023 18:00	2.2	183	28	4.0	0.00
28/10/2023 18:10	1.8	5	29	3.2	0.00
28/10/2023 18:20	2.1	182	26	3.6	0.00
28/10/2023 18:30	2.6	21	16	4.0	0.00
28/10/2023 18:40	3.1	9	19	4.7	0.00
28/10/2023 18:50	3.4	15	17	5.2	0.00
28/10/2023 19:00	3.1	10	20	5.3	0.00
28/10/2023 19:10	2.5	8	22	4.2	0.00
28/10/2023 19:20	2.8	6	24	4.8	0.00
28/10/2023 19:30	3.6	183	17	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 19:40	4.3	179	20	6.8	0.00
28/10/2023 19:50	4.2	181	20	6.3	0.00
28/10/2023 20:00	3.7	357	19	6.0	0.00
28/10/2023 20:10	3.1	352	24	5.0	0.00
28/10/2023 20:20	4.1	180	18	6.2	0.00
28/10/2023 20:30	3.4	349	20	5.1	0.00
28/10/2023 20:40	2.5	305	26	4.3	0.00
28/10/2023 20:50	3.1	281	17	4.6	0.00
28/10/2023 21:00	2.9	276	15	4.0	0.00
28/10/2023 21:10	3.1	265	14	4.4	0.00
28/10/2023 21:20	3.2	277	12	4.4	0.00
28/10/2023 21:30	3.1	265	13	4.0	0.00
28/10/2023 21:40	2.8	263	14	4.3	0.00
28/10/2023 21:50	3.6	264	11	4.8	0.00
28/10/2023 22:00	3.8	261	11	5.1	0.00
28/10/2023 22:10	3.7	252	12	4.8	0.00
28/10/2023 22:20	3.6	239	12	5.6	0.00
28/10/2023 22:30	3.3	255	11	4.4	0.00
28/10/2023 22:40	3.5	237	12	4.8	0.00
28/10/2023 22:50	3.4	250	13	4.6	0.00
28/10/2023 23:00	2.6	240	13	3.8	0.00
28/10/2023 23:10	2.9	225	15	4.0	0.00
28/10/2023 23:20	2.4	238	13	3.4	0.00
28/10/2023 23:30	2.7	232	15	3.6	0.00
28/10/2023 23:40	2.4	229	17	3.7	0.00
28/10/2023 23:50	2.2	234	14	3.4	0.00
29/10/2023 00:00	2.2	234	14	3.1	0.00
29/10/2023 00:10	2.4	236	16	3.4	0.00
29/10/2023 00:20	2.3	245	13	3.6	0.00
29/10/2023 00:30	2.2	241	13	2.9	0.00
29/10/2023 00:40	2.4	231	15	3.2	0.00
29/10/2023 00:50	2.4	245	17	3.6	0.00
29/10/2023 01:00	2.7	246	14	3.6	0.00
29/10/2023 01:10	2.5	239	13	3.6	0.00
29/10/2023 01:20	2.9	254	12	4.1	0.00
29/10/2023 01:30	3.1	249	12	4.3	0.00
29/10/2023 01:40	2.9	251	11	4.0	0.00
29/10/2023 01:50	2.8	244	10	3.7	0.00
29/10/2023 02:00	2.9	251	11	4.0	0.00
29/10/2023 02:10	3.2	251	10	4.4	0.00
29/10/2023 02:20	3.0	253	11	4.2	0.00
29/10/2023 02:30	3.0	252	11	4.0	0.00
29/10/2023 02:40	2.5	251	11	3.2	0.00
29/10/2023 02:50	2.2	239	11	2.8	0.00
29/10/2023 03:00	1.6	243	14	2.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 03:10	1.6	243	15	2.2	0.00
29/10/2023 03:20	2.1	251	10	2.8	0.00
29/10/2023 03:30	2.0	248	13	3.2	0.00
29/10/2023 03:40	0.9	221	27	1.8	0.00
29/10/2023 03:50	0.7	293	29	1.3	0.00
29/10/2023 04:00	1.5	246	11	2.0	0.00
29/10/2023 04:10	1.4	234	13	2.1	0.00
29/10/2023 04:20	1.0	172	35	2.0	0.00
29/10/2023 04:30	1.1	195	39	2.0	0.00
29/10/2023 04:40	1.0	188	35	1.4	0.00
29/10/2023 04:50	0.4	233	22	1.1	0.00
29/10/2023 05:00	1.3	192	46	2.0	0.00
29/10/2023 05:10	0.8	230	34	1.6	0.00
29/10/2023 05:20	0.5	207	6	1.2	0.00
29/10/2023 05:30	0.3	216	4	1.1	0.00
29/10/2023 05:40	0.8	167	33	1.2	0.00
29/10/2023 05:50	1.2	249	19	1.7	0.00
29/10/2023 06:00	1.8	249	12	2.5	0.00
29/10/2023 06:10	1.7	243	13	2.5	0.00
29/10/2023 06:20	1.8	243	11	2.4	0.00
29/10/2023 06:30	2.4	240	11	3.1	0.00
29/10/2023 06:40	2.0	240	14	3.1	0.00
29/10/2023 06:50	1.9	240	14	2.8	0.00
29/10/2023 07:00	2.6	232	16	3.6	0.00
29/10/2023 07:10	2.4	230	17	4.0	0.00
29/10/2023 07:20	3.1	239	12	3.9	0.00
29/10/2023 07:30	2.6	246	15	4.0	0.00
29/10/2023 07:40	2.8	251	14	3.8	0.00
29/10/2023 07:50	2.8	249	16	3.9	0.00
29/10/2023 08:00	2.3	247	15	3.0	0.00
29/10/2023 08:10	2.0	244	14	2.8	0.00
29/10/2023 08:20	2.0	249	16	3.1	0.00
29/10/2023 08:30	2.0	260	14	2.9	0.00
29/10/2023 08:40	1.6	250	19	2.5	0.00
29/10/2023 08:50	1.8	257	19	2.7	0.00
29/10/2023 09:00	1.8	255	18	3.3	0.00
29/10/2023 09:10	1.3	255	19	3.0	0.00
29/10/2023 09:20	1.7	270	15	3.2	0.00
29/10/2023 09:30	1.9	261	18	3.1	0.00
29/10/2023 09:40	2.6	258	27	3.6	0.00
29/10/2023 09:50	2.9	273	17	3.8	0.00
29/10/2023 10:00	3.1	275	19	4.7	0.00
29/10/2023 10:10	3.2	292	14	4.4	0.00
29/10/2023 10:20	3.0	291	19	4.5	0.00
29/10/2023 10:30	3.3	279	18	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 10:40	3.2	279	16	4.6	0.00
29/10/2023 10:50	2.9	286	20	4.1	0.00
29/10/2023 11:00	3.5	273	18	4.5	0.00
29/10/2023 11:10	3.6	263	17	4.7	0.00
29/10/2023 11:20	4.0	267	16	5.4	0.00
29/10/2023 11:30	3.2	280	16	4.4	0.00
29/10/2023 11:40	3.1	299	19	4.2	0.00
29/10/2023 11:50	3.1	289	14	4.4	0.00
29/10/2023 12:00	3.3	279	19	4.5	0.00
29/10/2023 12:10	3.1	279	22	4.4	0.00
29/10/2023 12:20	3.4	287	15	4.7	0.00
29/10/2023 12:30	3.8	286	19	5.2	0.00
29/10/2023 12:40	3.3	291	17	4.4	0.00
29/10/2023 12:50	3.5	285	19	4.9	0.00
29/10/2023 13:00	3.6	299	12	4.8	0.00
29/10/2023 13:10	3.3	290	22	4.8	0.00
29/10/2023 13:20	3.5	290	15	4.6	0.00
29/10/2023 13:30	3.5	281	19	4.7	0.00
29/10/2023 13:40	3.5	294	16	4.6	0.00
29/10/2023 13:50	3.5	299	14	4.7	0.00
29/10/2023 14:00	3.5	299	18	5.1	0.00
29/10/2023 14:10	3.5	290	13	4.6	0.00
29/10/2023 14:20	3.8	298	12	5.2	0.00
29/10/2023 14:30	3.8	293	14	5.2	0.00
29/10/2023 14:40	4.0	293	12	5.2	0.00
29/10/2023 14:50	4.4	298	11	5.6	0.00
29/10/2023 15:00	4.4	294	13	5.9	0.00
29/10/2023 15:10	4.5	291	14	6.1	0.00
29/10/2023 15:20	4.8	296	10	6.4	0.00
29/10/2023 15:30	4.7	289	14	6.0	0.00
29/10/2023 15:40	4.4	280	15	5.8	0.00
29/10/2023 15:50	4.2	293	14	5.4	0.00
29/10/2023 16:00	4.3	293	14	5.5	0.00
29/10/2023 16:10	3.8	271	17	5.2	0.00
29/10/2023 16:20	4.4	264	13	6.2	0.00
29/10/2023 16:30	4.6	256	9	5.9	0.00
29/10/2023 16:40	4.7	256	9	6.0	0.00
29/10/2023 16:50	4.9	261	9	6.0	0.00
29/10/2023 17:00	4.4	259	9	5.7	0.00
29/10/2023 17:10	4.4	257	10	5.4	0.00
29/10/2023 17:20	4.2	259	10	5.3	0.00
29/10/2023 17:30	4.3	257	8	5.3	0.00
29/10/2023 17:40	4.3	261	10	5.2	0.00
29/10/2023 17:50	4.3	262	9	5.7	0.00
29/10/2023 18:00	4.0	261	11	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 18:10	4.6	260	10	5.9	0.00
29/10/2023 18:20	4.0	260	10	5.6	0.00
29/10/2023 18:30	4.0	257	12	5.4	0.00
29/10/2023 18:40	4.0	260	11	5.2	0.00
29/10/2023 18:50	4.5	263	10	6.1	0.00
29/10/2023 19:00	4.9	263	9	6.4	0.00
29/10/2023 19:10	4.9	262	10	6.4	0.00
29/10/2023 19:20	4.5	263	9	6.0	0.00
29/10/2023 19:30	4.7	262	9	6.2	0.00
29/10/2023 19:40	4.3	262	9	5.9	0.00
29/10/2023 19:50	4.7	264	9	6.2	0.00
29/10/2023 20:00	4.7	262	10	6.0	0.00
29/10/2023 20:10	4.3	259	11	5.3	0.00
29/10/2023 20:20	4.4	262	9	5.6	0.00
29/10/2023 20:30	4.2	264	10	5.7	0.00
29/10/2023 20:40	3.3	272	13	4.6	0.00
29/10/2023 20:50	3.4	273	14	4.6	0.00
29/10/2023 21:00	3.2	266	15	4.8	0.00
29/10/2023 21:10	3.2	269	14	4.6	0.00
29/10/2023 21:20	3.3	265	11	4.6	0.00
29/10/2023 21:30	3.3	269	13	4.5	0.00
29/10/2023 21:40	3.4	270	14	4.7	0.00
29/10/2023 21:50	3.3	272	13	5.7	0.00
29/10/2023 22:00	3.2	272	15	4.6	0.00
29/10/2023 22:10	3.3	277	14	4.6	0.00
29/10/2023 22:20	3.4	284	16	4.7	0.00
29/10/2023 22:30	3.0	275	16	3.8	0.00
29/10/2023 22:40	3.5	286	17	4.8	0.00
29/10/2023 22:50	3.7	287	14	4.8	0.00
29/10/2023 23:00	3.7	269	14	5.0	0.00
29/10/2023 23:10	3.9	269	14	5.2	0.00
29/10/2023 23:20	4.1	271	13	5.9	0.00
29/10/2023 23:30	4.1	269	12	5.8	0.00
29/10/2023 23:40	3.9	270	14	5.2	0.00
29/10/2023 23:50	4.3	264	12	6.3	0.00
30/10/2023 00:00	3.8	264	11	5.3	0.00
30/10/2023 00:10	4.1	263	11	5.6	0.00
30/10/2023 00:20	3.7	264	11	4.8	0.00
30/10/2023 00:30	3.7	263	11	5.2	0.00
30/10/2023 00:40	2.7	269	16	4.0	0.00
30/10/2023 00:50	2.7	270	16	4.0	0.00
30/10/2023 01:00	2.4	277	17	3.9	0.00
30/10/2023 01:10	2.7	273	14	3.7	0.00
30/10/2023 01:20	2.7	266	10	3.6	0.00
30/10/2023 01:30	2.9	270	13	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 01:40	2.8	279	13	4.0	0.00
30/10/2023 01:50	2.8	285	14	3.9	0.00
30/10/2023 02:00	2.7	290	13	4.3	0.00
30/10/2023 02:10	2.2	277	13	3.6	0.00
30/10/2023 02:20	2.5	277	14	3.7	0.00
30/10/2023 02:30	2.6	268	14	3.5	0.00
30/10/2023 02:40	2.7	269	15	3.7	0.00
30/10/2023 02:50	3.0	262	11	4.0	0.00
30/10/2023 03:00	3.0	266	11	4.4	0.00
30/10/2023 03:10	3.1	268	13	4.2	0.00
30/10/2023 03:20	3.3	267	11	4.4	0.00
30/10/2023 03:30	3.5	267	11	4.8	0.00
30/10/2023 03:40	3.2	268	14	4.7	0.00
30/10/2023 03:50	3.1	267	13	4.8	0.00
30/10/2023 04:00	2.9	266	12	4.3	0.00
30/10/2023 04:10	2.7	268	12	4.0	0.00
30/10/2023 04:20	2.7	272	14	4.3	0.00
30/10/2023 04:30	2.6	271	14	4.0	0.00
30/10/2023 04:40	2.4	273	14	3.2	0.00
30/10/2023 04:50	2.8	274	14	4.4	0.00
30/10/2023 05:00	2.8	274	14	4.0	0.00
30/10/2023 05:10	2.9	269	13	3.8	0.00
30/10/2023 05:20	3.3	264	10	4.2	0.00
30/10/2023 05:30	3.6	259	11	5.0	0.00
30/10/2023 05:40	3.1	261	10	4.1	0.00
30/10/2023 05:50	3.4	256	10	4.8	0.00
30/10/2023 06:00	3.1	260	11	4.2	0.00
30/10/2023 06:10	3.1	258	12	4.2	0.00
30/10/2023 06:20	2.3	255	12	3.2	0.00
30/10/2023 06:30	2.2	253	12	3.1	0.00
30/10/2023 06:40	2.2	254	9	3.1	0.00
30/10/2023 06:50	2.3	255	11	3.0	0.00
30/10/2023 07:00	2.3	249	13	3.6	0.00
30/10/2023 07:10	1.4	237	15	2.4	0.00
30/10/2023 07:20	1.6	246	13	2.8	0.00
30/10/2023 07:30	2.8	243	11	3.9	0.00
30/10/2023 07:40	2.7	250	14	3.6	0.00
30/10/2023 07:50	2.7	247	17	3.7	0.00
30/10/2023 08:00	2.5	246	12	3.4	0.00
30/10/2023 08:10	2.2	232	16	3.3	0.00
30/10/2023 08:20	2.3	227	15	3.3	0.00
30/10/2023 08:30	2.2	246	17	3.2	0.00
30/10/2023 08:40	2.5	237	16	3.6	0.00
30/10/2023 08:50	2.9	230	16	3.8	0.00
30/10/2023 09:00	3.0	226	19	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 09:10	2.8	225	16	4.3	0.00
30/10/2023 09:20	2.2	218	23	3.5	0.00
30/10/2023 09:30	2.0	230	31	3.3	0.00
30/10/2023 09:40	2.1	226	25	3.3	0.00
30/10/2023 09:50	1.7	243	51	3.3	0.00
30/10/2023 10:00	1.7	268	68	3.1	0.00
30/10/2023 10:10	1.5	236	37	2.4	0.00
30/10/2023 10:20	2.1	302	19	3.1	0.00
30/10/2023 10:30	2.6	303	18	4.4	0.00
30/10/2023 10:40	2.5	327	25	3.9	0.00
30/10/2023 10:50	2.8	170	22	3.7	0.00
30/10/2023 11:00	2.7	347	20	3.6	0.00
30/10/2023 11:10	3.0	176	18	4.4	0.00
30/10/2023 11:20	3.1	174	20	4.7	0.00
30/10/2023 11:30	3.4	177	19	4.8	0.00
30/10/2023 11:40	3.1	179	20	4.7	0.00
30/10/2023 11:50	3.2	176	20	5.2	0.00
30/10/2023 12:00	3.1	178	23	4.8	0.00
30/10/2023 12:10	3.9	346	20	5.6	0.00
30/10/2023 12:20	4.4	343	17	6.3	0.00
30/10/2023 12:30	3.6	333	24	5.4	0.00
30/10/2023 12:40	4.1	341	20	6.1	0.00
30/10/2023 12:50	4.5	345	18	6.4	0.00
30/10/2023 13:00	3.8	325	26	5.4	0.00
30/10/2023 13:10	4.4	315	19	6.8	0.00
30/10/2023 13:20	3.8	331	20	5.6	0.00
30/10/2023 13:30	3.9	333	21	5.7	0.00
30/10/2023 13:40	3.6	339	24	5.9	0.00
30/10/2023 13:50	4.2	314	23	6.7	0.00
30/10/2023 14:00	5.9	301	11	7.2	0.00
30/10/2023 14:10	5.8	299	12	7.4	0.00
30/10/2023 14:20	5.0	298	15	7.1	0.00
30/10/2023 14:30	4.9	293	16	6.8	0.00
30/10/2023 14:40	4.6	295	16	7.0	0.00
30/10/2023 14:50	5.4	293	12	7.1	0.00
30/10/2023 15:00	5.0	293	14	6.9	0.00
30/10/2023 15:10	5.0	299	15	6.9	0.00
30/10/2023 15:20	4.7	298	14	6.5	0.00
30/10/2023 15:30	4.2	307	16	6.4	0.00
30/10/2023 15:40	4.5	305	15	6.4	0.00
30/10/2023 15:50	4.8	300	14	6.6	0.00
30/10/2023 16:00	5.0	299	11	6.9	0.00
30/10/2023 16:10	4.2	308	15	6.4	0.00
30/10/2023 16:20	4.7	308	14	6.4	0.00
30/10/2023 16:30	4.9	304	14	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 16:40	4.7	304	13	6.9	0.00
30/10/2023 16:50	5.2	304	14	7.3	0.00
30/10/2023 17:00	5.4	307	13	6.8	0.00
30/10/2023 17:10	5.4	310	12	7.2	0.00
30/10/2023 17:20	5.0	309	15	6.8	0.00
30/10/2023 17:30	5.8	300	11	8.2	0.00
30/10/2023 17:40	5.3	299	10	6.9	0.00
30/10/2023 17:50	4.7	302	12	6.5	0.00
30/10/2023 18:00	4.9	297	12	6.6	0.00
30/10/2023 18:10	4.6	298	12	6.4	0.00
30/10/2023 18:20	4.5	297	13	6.4	0.00
30/10/2023 18:30	4.7	300	13	6.4	0.00
30/10/2023 18:40	4.4	297	13	6.4	0.00
30/10/2023 18:50	4.4	302	13	6.0	0.00
30/10/2023 19:00	4.5	298	13	6.0	0.00
30/10/2023 19:10	4.3	294	14	6.4	0.00
30/10/2023 19:20	4.1	280	15	5.8	0.00
30/10/2023 19:30	3.6	273	14	4.9	0.00
30/10/2023 19:40	4.2	268	13	5.7	0.00
30/10/2023 19:50	4.0	273	17	5.5	0.00
30/10/2023 20:00	4.5	270	12	6.5	0.00
30/10/2023 20:10	4.1	269	13	6.0	0.00
30/10/2023 20:20	4.1	269	12	5.6	0.00
30/10/2023 20:30	3.8	267	14	5.0	0.00
30/10/2023 20:40	3.6	271	12	5.5	0.00
30/10/2023 20:50	3.2	272	16	4.6	0.00
30/10/2023 21:00	3.0	269	13	4.1	0.00
30/10/2023 21:10	2.8	282	16	4.1	0.00
30/10/2023 21:20	2.6	278	14	4.0	0.00
30/10/2023 21:30	2.4	272	15	3.5	0.00
30/10/2023 21:40	2.7	276	15	4.4	0.00
30/10/2023 21:50	2.4	274	16	3.4	0.00
30/10/2023 22:00	2.5	288	15	3.8	0.00
30/10/2023 22:10	3.4	294	10	4.8	0.00
30/10/2023 22:20	3.4	285	16	5.0	0.00
30/10/2023 22:30	3.5	288	15	5.0	0.00
30/10/2023 22:40	3.4	290	14	5.2	0.00
30/10/2023 22:50	3.7	291	14	4.9	0.00
30/10/2023 23:00	3.8	289	13	5.5	0.00
30/10/2023 23:10	3.7	283	15	5.6	0.00
30/10/2023 23:20	3.3	281	14	5.2	0.00
30/10/2023 23:30	3.4	288	13	4.9	0.00
30/10/2023 23:40	3.4	280	17	4.6	0.00
30/10/2023 23:50	3.6	271	15	5.4	0.00
31/10/2023 00:00	2.8	272	15	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 00:10	3.1	281	16	4.5	0.00
31/10/2023 00:20	3.7	273	14	5.4	0.00
31/10/2023 00:30	4.3	268	13	5.6	0.00
31/10/2023 00:40	4.2	272	13	5.7	0.00
31/10/2023 00:50	3.8	269	14	5.2	0.00
31/10/2023 01:00	4.0	272	13	5.6	0.00
31/10/2023 01:10	4.2	271	15	5.7	0.00
31/10/2023 01:20	3.8	270	14	5.2	0.00
31/10/2023 01:30	3.6	269	11	5.2	0.00
31/10/2023 01:40	4.7	264	11	7.0	0.00
31/10/2023 01:50	4.5	266	10	6.0	0.00
31/10/2023 02:00	4.4	263	11	6.4	0.00
31/10/2023 02:10	4.6	261	10	6.0	0.00
31/10/2023 02:20	5.1	261	9	7.3	0.00
31/10/2023 02:30	5.4	262	10	7.0	0.00
31/10/2023 02:40	5.1	261	10	6.7	0.00
31/10/2023 02:50	5.4	261	10	6.9	0.00
31/10/2023 03:00	5.1	257	11	6.6	0.00
31/10/2023 03:10	4.8	256	10	6.5	0.00
31/10/2023 03:20	4.7	254	9	6.3	0.00
31/10/2023 03:30	4.8	254	10	6.1	0.00
31/10/2023 03:40	4.9	256	10	6.4	0.00
31/10/2023 03:50	4.7	256	9	6.2	0.00
31/10/2023 04:00	4.7	255	10	6.0	0.00
31/10/2023 04:10	4.3	253	10	5.7	0.00
31/10/2023 04:20	4.3	254	8	5.8	0.00
31/10/2023 04:30	4.4	256	11	6.0	0.00
31/10/2023 04:40	4.2	257	11	5.9	0.00
31/10/2023 04:50	3.9	260	9	5.0	0.00
31/10/2023 05:00	3.5	258	10	4.5	0.00
31/10/2023 05:10	3.0	255	9	4.1	0.00
31/10/2023 05:20	2.7	256	10	3.5	0.00
31/10/2023 05:30	2.4	252	10	3.2	0.00
31/10/2023 05:40	2.5	258	10	3.2	0.00
31/10/2023 05:50	2.5	253	9	3.2	0.00
31/10/2023 06:00	2.4	253	10	3.1	0.00
31/10/2023 06:10	2.3	254	10	2.8	0.00
31/10/2023 06:20	2.3	248	9	3.0	0.00
31/10/2023 06:30	1.8	241	12	2.4	0.00
31/10/2023 06:40	1.5	231	12	2.0	0.00
31/10/2023 06:50	1.7	231	14	2.2	0.00
31/10/2023 07:00	2.0	237	15	2.8	0.00
31/10/2023 07:10	2.6	248	12	3.6	0.00
31/10/2023 07:20	3.1	256	13	4.3	0.00
31/10/2023 07:30	3.1	258	12	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 07:40	3.7	255	13	5.2	0.00
31/10/2023 07:50	4.1	261	12	5.4	0.00
31/10/2023 08:00	3.8	254	12	5.3	0.00
31/10/2023 08:10	3.9	261	13	5.6	0.00
31/10/2023 08:20	4.4	263	11	5.8	0.00
31/10/2023 08:30	4.3	254	12	5.3	0.00
31/10/2023 08:40	4.4	258	13	5.9	0.00
31/10/2023 08:50	4.2	255	13	5.4	0.00
31/10/2023 09:00	4.1	263	12	5.5	0.00
31/10/2023 09:10	3.5	256	17	4.8	0.00
31/10/2023 09:20	3.3	255	16	4.8	0.00
31/10/2023 09:30	3.5	244	14	5.0	0.00
31/10/2023 09:40	3.3	245	16	4.3	0.00
31/10/2023 09:50	3.3	252	14	4.6	0.00
31/10/2023 10:00	3.4	261	14	4.5	0.00
31/10/2023 10:10	3.3	258	17	4.6	0.00
31/10/2023 10:20	2.4	264	19	4.1	0.00
31/10/2023 10:30	2.6	269	25	4.2	0.00
31/10/2023 10:40	3.7	253	15	5.1	0.00
31/10/2023 10:50	3.9	264	16	5.6	0.00
31/10/2023 11:00	3.8	260	14	5.7	0.00
31/10/2023 11:10	3.8	267	19	5.6	0.00
31/10/2023 11:20	4.2	269	17	5.8	0.00
31/10/2023 11:30	4.4	260	16	6.2	0.00
31/10/2023 11:40	4.7	259	15	6.5	0.00
31/10/2023 11:50	4.8	257	16	6.2	0.00
31/10/2023 12:00	5.1	258	13	6.4	0.00
31/10/2023 12:10	5.3	258	11	6.8	0.00
31/10/2023 12:20	5.5	262	12	6.9	0.00
31/10/2023 12:30	5.3	258	13	7.3	0.00
31/10/2023 12:40	4.8	263	15	6.0	0.00
31/10/2023 12:50	4.9	265	12	6.4	0.00
31/10/2023 13:00	5.4	259	11	6.9	0.00
31/10/2023 13:10	5.5	262	14	6.9	0.00
31/10/2023 13:20	5.4	267	14	7.5	0.00
31/10/2023 13:30	5.2	265	15	6.8	0.00
31/10/2023 13:40	4.9	278	15	6.8	0.00
31/10/2023 13:50	5.4	293	15	7.2	0.00
31/10/2023 14:00	5.5	297	12	7.2	0.00
31/10/2023 14:10	5.8	294	14	7.7	0.00
31/10/2023 14:20	5.3	304	16	7.4	0.00
31/10/2023 14:30	5.4	301	14	7.9	0.00
31/10/2023 14:40	5.6	299	15	7.5	0.00
31/10/2023 14:50	5.6	302	14	7.4	0.00
31/10/2023 15:00	4.3	306	19	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 15:10	5.0	298	15	7.2	0.00
31/10/2023 15:20	5.4	299	15	7.2	0.00
31/10/2023 15:30	5.8	293	13	7.4	0.00
31/10/2023 15:40	5.3	295	13	7.1	0.00
31/10/2023 15:50	5.8	295	11	7.3	0.00
31/10/2023 16:00	5.9	293	12	7.3	0.00
31/10/2023 16:10	5.7	295	11	7.0	0.00
31/10/2023 16:20	5.4	297	11	7.2	0.00
31/10/2023 16:30	5.7	298	10	7.2	0.00
31/10/2023 16:40	5.1	290	13	7.1	0.00
31/10/2023 16:50	4.9	282	14	6.8	0.00
31/10/2023 17:00	4.4	274	15	6.0	0.00
31/10/2023 17:10	5.0	270	16	6.1	0.00
31/10/2023 17:20	4.3	280	15	5.8	0.00
31/10/2023 17:30	4.2	281	16	6.0	0.00
31/10/2023 17:40	4.6	270	15	6.4	0.00
31/10/2023 17:50	4.6	269	14	6.1	0.00
31/10/2023 18:00	4.8	270	13	6.8	0.00
31/10/2023 18:10	4.6	265	10	6.1	0.00
31/10/2023 18:20	4.8	266	12	6.5	0.00
31/10/2023 18:30	4.6	281	15	6.5	0.00
31/10/2023 18:40	4.6	273	14	6.0	0.00
31/10/2023 18:50	4.2	287	14	6.4	0.00
31/10/2023 19:00	4.7	293	13	6.4	0.00
31/10/2023 19:10	4.6	289	13	6.3	0.00
31/10/2023 19:20	4.2	290	14	6.1	0.00
31/10/2023 19:30	4.4	290	15	6.2	0.00
31/10/2023 19:40	4.4	283	14	6.4	0.00
31/10/2023 19:50	4.1	281	15	6.0	0.00
31/10/2023 20:00	5.1	269	13	7.0	0.00
31/10/2023 20:10	4.1	269	14	5.6	0.00
31/10/2023 20:20	4.7	270	12	6.1	0.00
31/10/2023 20:30	4.6	267	11	6.3	0.00
31/10/2023 20:40	4.4	266	11	6.4	0.00
31/10/2023 20:50	3.6	273	14	5.4	0.00
31/10/2023 21:00	3.7	269	11	5.4	0.00
31/10/2023 21:10	3.1	269	13	4.5	0.00
31/10/2023 21:20	3.8	265	10	5.3	0.00
31/10/2023 21:30	3.9	262	11	5.1	0.00
31/10/2023 21:40	3.4	263	12	5.0	0.00
31/10/2023 21:50	3.2	266	12	4.8	0.00
31/10/2023 22:00	3.2	272	14	4.4	0.00
31/10/2023 22:10	3.3	270	13	4.7	0.00
31/10/2023 22:20	3.6	267	13	5.1	0.00
31/10/2023 22:30	2.9	275	15	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 22:40	3.4	265	11	4.7	0.00
31/10/2023 22:50	3.3	265	11	5.2	0.00
31/10/2023 23:00	4.5	263	9	5.8	0.00
31/10/2023 23:10	4.7	261	10	6.2	0.00
31/10/2023 23:20	4.3	265	11	5.8	0.00
31/10/2023 23:30	4.7	260	8	6.0	0.00
31/10/2023 23:40	4.2	260	10	5.9	0.00
31/10/2023 23:50	4.7	260	10	6.4	0.00
01/11/2023 00:00	4.6	258	11	6.5	0.00
01/11/2023 00:20	5.0	255	11	6.6	0.00
01/11/2023 00:30	5.3	255	12	7.0	0.00
01/11/2023 00:40	5.3	255	9	7.7	0.00
01/11/2023 00:50	4.5	251	11	6.1	0.00
01/11/2023 01:00	5.4	256	12	7.4	0.00
01/11/2023 01:10	4.7	252	11	6.7	0.00
01/11/2023 01:20	3.8	241	12	6.0	0.00
01/11/2023 01:30	4.3	235	11	6.2	0.00
01/11/2023 01:40	4.1	241	11	5.6	0.00
01/11/2023 01:50	5.1	239	12	7.6	0.00
01/11/2023 02:00	4.0	246	11	5.7	0.00
01/11/2023 02:10	4.2	249	14	5.5	0.00
01/11/2023 02:20	4.8	254	10	6.4	0.00
01/11/2023 02:30	4.7	256	13	6.8	0.00
01/11/2023 02:40	4.1	252	12	5.6	0.00
01/11/2023 02:50	4.3	244	12	6.0	0.00
01/11/2023 03:00	4.5	242	13	6.1	0.00
01/11/2023 03:10	3.9	245	13	5.9	0.00
01/11/2023 03:20	3.7	248	12	5.7	0.00
01/11/2023 03:30	3.5	249	13	5.2	0.00
01/11/2023 03:40	4.0	251	12	5.7	0.00
01/11/2023 03:50	3.4	250	11	4.8	0.00
01/11/2023 04:00	3.8	252	10	5.2	0.00
01/11/2023 04:10	4.2	257	11	5.7	0.00
01/11/2023 04:20	5.0	256	10	6.5	0.00
01/11/2023 04:30	4.2	255	10	5.9	0.00
01/11/2023 04:40	3.6	261	10	4.6	0.00
01/11/2023 04:50	3.9	260	10	5.4	0.00
01/11/2023 05:00	3.3	257	9	4.7	0.00
01/11/2023 05:10	2.7	256	10	4.0	0.00
01/11/2023 05:20	3.0	259	11	4.0	0.00
01/11/2023 05:30	2.6	258	8	3.8	0.00
01/11/2023 05:40	3.1	260	8	3.8	0.00
01/11/2023 05:50	3.5	258	11	4.6	0.00
01/11/2023 06:00	3.5	258	10	4.7	0.00
01/11/2023 06:10	3.4	258	10	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 06:20	3.5	259	10	4.7	0.00
01/11/2023 06:30	3.3	260	10	4.8	0.00
01/11/2023 06:40	3.7	258	13	5.5	0.00
01/11/2023 06:50	3.5	253	13	4.8	0.00
01/11/2023 07:00	3.7	260	12	5.0	0.00
01/11/2023 07:10	3.6	248	15	5.1	0.00
01/11/2023 07:20	3.9	249	12	5.1	0.00
01/11/2023 07:30	4.1	254	14	5.2	0.00
01/11/2023 07:40	4.7	256	13	5.9	0.00
01/11/2023 07:50	4.4	262	12	6.1	0.00
01/11/2023 08:00	4.7	259	11	6.8	0.00
01/11/2023 08:10	4.3	254	12	5.8	0.00
01/11/2023 08:20	4.3	255	12	6.0	0.00
01/11/2023 08:30	4.0	262	12	5.2	0.00
01/11/2023 08:40	4.2	259	13	5.6	0.00
01/11/2023 08:50	4.2	257	13	5.7	0.00
01/11/2023 09:00	4.5	250	15	5.9	0.00
01/11/2023 09:10	4.7	253	10	6.3	0.00
01/11/2023 09:20	4.3	253	13	6.0	0.00
01/11/2023 09:30	4.1	261	17	5.2	0.00
01/11/2023 09:40	4.3	256	15	5.8	0.00
01/11/2023 09:50	4.4	255	14	6.3	0.00
01/11/2023 10:00	4.0	253	15	5.6	0.00
01/11/2023 10:10	4.3	266	16	5.4	0.00
01/11/2023 10:20	4.4	262	15	6.0	0.00
01/11/2023 10:30	4.9	267	13	6.2	0.00
01/11/2023 10:40	5.0	265	17	6.8	0.00
01/11/2023 10:50	5.1	267	15	6.4	0.00
01/11/2023 11:00	5.1	271	15	6.4	0.00
01/11/2023 11:10	5.1	268	16	7.5	0.00
01/11/2023 11:20	5.3	263	13	7.1	0.00
01/11/2023 11:30	5.3	266	13	6.8	0.00
01/11/2023 11:40	4.8	268	16	6.4	0.00
01/11/2023 11:50	5.2	259	11	6.8	0.00
01/11/2023 12:00	5.5	262	11	7.1	0.00
01/11/2023 12:10	5.5	265	12	7.0	0.00
01/11/2023 12:20	5.6	264	13	6.8	0.00
01/11/2023 12:30	5.5	258	11	7.0	0.00
01/11/2023 12:40	5.6	258	12	7.2	0.00
01/11/2023 12:50	5.5	258	12	7.2	0.00
01/11/2023 13:00	5.2	268	17	7.5	0.00
01/11/2023 13:10	5.6	296	13	7.4	0.00
01/11/2023 13:20	5.1	293	19	7.0	0.00
01/11/2023 13:30	5.1	296	12	6.9	0.00
01/11/2023 13:40	5.8	300	10	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 13:50	5.4	295	13	7.2	0.00
01/11/2023 14:00	5.5	293	12	7.1	0.00
01/11/2023 14:10	5.4	297	13	7.2	0.00
01/11/2023 14:20	4.9	296	15	7.1	0.00
01/11/2023 14:30	5.3	297	13	7.2	0.00
01/11/2023 14:40	5.1	295	14	6.7	0.00
01/11/2023 14:50	5.1	293	15	6.7	0.00
01/11/2023 15:00	4.8	284	18	6.4	0.00
01/11/2023 15:10	5.3	270	15	6.9	0.00
01/11/2023 15:20	5.9	258	10	7.9	0.00
01/11/2023 15:30	5.8	263	12	7.5	0.00
01/11/2023 15:40	5.9	261	10	7.3	0.00
01/11/2023 15:50	5.7	260	13	7.6	0.00
01/11/2023 16:00	5.6	259	12	7.6	0.00
01/11/2023 16:10	6.0	263	11	7.9	0.00
01/11/2023 16:20	5.4	263	11	7.0	0.00
01/11/2023 16:30	6.0	263	11	7.7	0.00
01/11/2023 16:40	5.8	260	10	7.4	0.00
01/11/2023 16:50	5.6	261	11	7.5	0.00
01/11/2023 17:00	5.4	262	11	7.0	0.00
01/11/2023 17:10	5.1	261	11	6.7	0.00
01/11/2023 17:20	5.2	263	10	6.8	0.00
01/11/2023 17:30	5.2	261	8	6.8	0.00
01/11/2023 17:40	5.2	260	9	6.2	0.00
01/11/2023 17:50	4.1	265	11	5.9	0.00
01/11/2023 18:00	4.2	281	16	5.9	0.00
01/11/2023 18:10	4.3	286	14	6.3	0.00
01/11/2023 18:20	4.5	289	13	6.4	0.00
01/11/2023 18:30	3.8	275	15	5.4	0.00
01/11/2023 18:40	4.4	269	14	5.6	0.00
01/11/2023 18:50	4.1	273	13	5.7	0.00
01/11/2023 19:00	4.3	272	14	5.6	0.00
01/11/2023 19:10	4.3	276	13	6.1	0.00
01/11/2023 19:20	4.1	265	12	6.4	0.00
01/11/2023 19:30	3.9	265	12	5.2	0.00
01/11/2023 19:40	3.6	267	13	5.0	0.00
01/11/2023 19:50	4.3	260	9	5.6	0.00
01/11/2023 20:00	4.6	264	10	6.1	0.00
01/11/2023 20:10	4.3	263	10	6.0	0.00
01/11/2023 20:20	4.7	265	10	6.1	0.00
01/11/2023 20:30	4.5	266	10	5.6	0.00
01/11/2023 20:40	4.8	262	9	6.5	0.00
01/11/2023 20:50	5.1	264	8	7.2	0.00
01/11/2023 21:00	5.8	263	10	7.6	0.00
01/11/2023 21:10	5.4	264	9	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 21:20	5.8	261	10	7.5	0.00
01/11/2023 21:30	5.3	262	10	7.1	0.00
01/11/2023 21:40	4.9	255	13	7.5	0.00
01/11/2023 21:50	4.8	257	11	6.7	0.00
01/11/2023 22:00	4.7	257	12	6.0	0.00
01/11/2023 22:10	4.8	256	12	6.4	0.00
01/11/2023 22:20	5.6	256	10	7.2	0.00
01/11/2023 22:30	6.0	255	10	8.0	0.00
01/11/2023 22:40	6.0	255	12	8.4	0.00
01/11/2023 22:50	4.6	249	13	6.4	0.00
01/11/2023 23:00	4.0	240	13	5.4	0.00
01/11/2023 23:10	3.5	240	13	5.6	0.00
01/11/2023 23:20	3.2	237	14	5.2	0.00
01/11/2023 23:30	3.7	241	12	5.4	0.00
01/11/2023 23:40	3.7	244	11	5.6	0.00
01/11/2023 23:50	3.8	246	14	5.6	0.00
02/11/2023 00:00	3.6	244	12	5.4	0.00
02/11/2023 00:10	3.9	244	12	5.7	0.00
02/11/2023 00:20	4.2	238	12	6.4	0.00
02/11/2023 00:30	3.5	242	11	6.0	0.00
02/11/2023 00:40	3.5	238	12	5.3	0.00
02/11/2023 00:50	3.1	241	11	4.9	0.00
02/11/2023 01:00	3.6	236	13	5.0	0.00
02/11/2023 01:10	2.6	239	13	4.1	0.00
02/11/2023 01:20	2.5	244	14	4.4	0.00
02/11/2023 01:30	3.6	246	13	5.2	0.00
02/11/2023 01:40	3.7	243	13	5.1	0.00
02/11/2023 01:50	4.1	244	11	5.9	0.00
02/11/2023 02:00	3.8	246	12	5.2	0.00
02/11/2023 02:10	3.7	249	11	5.1	0.00
02/11/2023 02:20	4.3	246	13	6.4	0.00
02/11/2023 02:30	4.2	245	12	5.9	0.00
02/11/2023 02:40	4.2	248	11	5.9	0.00
02/11/2023 02:50	3.5	248	12	4.8	0.00
02/11/2023 03:00	3.8	247	13	5.0	0.00
02/11/2023 03:10	3.7	252	12	4.8	0.00
02/11/2023 03:20	3.3	246	13	4.8	0.00
02/11/2023 03:30	2.9	246	12	4.1	0.00
02/11/2023 03:40	3.5	253	11	4.5	0.00
02/11/2023 03:50	3.4	252	10	4.8	0.00
02/11/2023 04:00	3.1	244	11	4.2	0.00
02/11/2023 04:10	2.5	246	11	3.5	0.00
02/11/2023 04:20	2.3	238	11	3.3	0.00
02/11/2023 04:30	1.8	236	14	2.5	0.00
02/11/2023 04:40	1.7	249	11	2.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 04:50	1.9	255	11	2.5	0.00
02/11/2023 05:00	2.6	258	9	3.4	0.00
02/11/2023 05:10	2.2	255	12	2.8	0.00
02/11/2023 05:20	2.2	256	9	2.9	0.00
02/11/2023 05:30	2.6	258	9	3.3	0.00
02/11/2023 05:40	2.5	256	9	3.1	0.00
02/11/2023 05:50	2.6	255	9	3.3	0.00
02/11/2023 06:00	3.0	249	11	4.2	0.00
02/11/2023 06:10	2.6	240	12	3.6	0.00
02/11/2023 06:20	2.6	233	9	3.4	0.00
02/11/2023 06:30	1.9	237	10	2.4	0.00
02/11/2023 06:40	2.2	250	12	3.0	0.00
02/11/2023 06:50	2.4	251	11	3.0	0.00
02/11/2023 07:00	2.9	251	11	4.0	0.00
02/11/2023 07:10	3.1	252	10	4.0	0.00
02/11/2023 07:20	2.8	252	13	3.6	0.00
02/11/2023 07:30	3.0	250	13	4.2	0.00
02/11/2023 07:40	3.5	264	13	4.6	0.00
02/11/2023 07:50	3.5	260	12	4.4	0.00
02/11/2023 08:00	3.6	260	12	4.8	0.00
02/11/2023 08:10	3.5	263	14	4.8	0.00
02/11/2023 08:20	3.5	261	13	4.6	0.00
02/11/2023 08:30	3.4	271	16	4.4	0.00
02/11/2023 08:40	3.6	277	19	4.8	0.00
02/11/2023 08:50	3.8	286	19	4.9	0.00
02/11/2023 09:00	4.0	262	13	5.1	0.00
02/11/2023 09:10	4.1	256	13	5.1	0.00
02/11/2023 09:20	4.0	251	11	5.3	0.00
02/11/2023 09:30	4.2	257	12	5.3	0.00
02/11/2023 09:40	4.5	252	14	5.9	0.00
02/11/2023 09:50	4.3	255	11	5.2	0.00
02/11/2023 10:00	4.3	248	13	5.6	0.00
02/11/2023 10:10	4.2	258	15	5.3	0.00
02/11/2023 10:20	4.2	269	15	5.6	0.00
02/11/2023 10:30	4.5	267	15	5.7	0.00
02/11/2023 10:40	4.2	264	15	5.8	0.00
02/11/2023 10:50	4.1	274	16	5.2	0.00
02/11/2023 11:00	4.3	265	15	5.4	0.00
02/11/2023 11:10	4.3	268	16	5.6	0.00
02/11/2023 11:20	4.6	269	13	6.0	0.00
02/11/2023 11:30	4.7	273	16	6.0	0.00
02/11/2023 11:40	4.5	266	16	5.8	0.00
02/11/2023 11:50	4.6	264	13	6.0	0.00
02/11/2023 12:00	4.8	266	15	6.1	0.00
02/11/2023 12:10	4.7	250	19	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 12:20	4.9	262	13	6.2	0.00
02/11/2023 12:30	4.5	269	15	6.2	0.00
02/11/2023 12:40	4.9	270	15	6.0	0.00
02/11/2023 12:50	4.7	269	17	6.4	0.00
02/11/2023 13:00	5.3	270	14	7.4	0.00
02/11/2023 13:10	5.8	262	11	7.1	0.00
02/11/2023 13:20	6.0	261	11	7.7	0.00
02/11/2023 13:30	5.7	259	12	7.4	0.00
02/11/2023 13:40	5.4	266	15	7.3	0.00
02/11/2023 13:50	5.7	260	11	7.5	0.00
02/11/2023 14:00	5.4	262	13	7.1	0.00
02/11/2023 14:10	5.5	259	12	7.9	0.00
02/11/2023 14:20	5.8	261	13	7.8	0.00
02/11/2023 14:30	6.0	262	11	7.9	0.00
02/11/2023 14:40	5.7	265	13	7.9	0.00
02/11/2023 14:50	6.4	265	10	8.1	0.00
02/11/2023 15:00	6.2	262	13	8.4	0.00
02/11/2023 15:10	5.7	263	15	7.6	0.00
02/11/2023 15:20	6.2	260	12	8.2	0.00
02/11/2023 15:30	6.5	260	12	8.7	0.00
02/11/2023 15:40	6.1	264	13	8.6	0.00
02/11/2023 15:50	5.4	263	14	7.1	0.00
02/11/2023 16:00	6.0	259	10	8.2	0.00
02/11/2023 16:10	5.8	263	10	7.3	0.00
02/11/2023 16:20	5.5	259	12	7.6	0.00
02/11/2023 16:30	5.5	257	13	7.9	0.00
02/11/2023 16:40	4.9	259	11	7.2	0.00
02/11/2023 16:50	5.5	255	10	7.4	0.00
02/11/2023 17:00	5.6	254	12	7.8	0.00
02/11/2023 17:10	5.3	255	11	7.0	0.00
02/11/2023 17:20	5.4	254	12	7.4	0.00
02/11/2023 17:30	6.0	261	10	7.8	0.00
02/11/2023 17:40	5.3	265	12	7.2	0.00
02/11/2023 17:50	5.4	264	11	7.4	0.00
02/11/2023 18:00	5.1	261	11	6.7	0.00
02/11/2023 18:10	4.7	262	10	6.4	0.00
02/11/2023 18:20	4.3	269	15	5.8	0.00
02/11/2023 18:30	4.7	260	12	6.3	0.00
02/11/2023 18:40	4.5	258	11	6.0	0.00
02/11/2023 18:50	5.1	261	10	6.4	0.00
02/11/2023 19:00	4.8	261	12	6.3	0.00
02/11/2023 19:10	5.1	264	10	7.0	0.00
02/11/2023 19:20	5.1	262	10	7.2	0.00
02/11/2023 19:30	5.3	258	10	6.6	0.00
02/11/2023 19:40	5.8	255	10	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 19:50	5.9	254	10	7.9	0.00
02/11/2023 20:00	5.0	257	10	6.9	0.00
02/11/2023 20:10	5.0	259	11	6.7	0.00
02/11/2023 20:20	5.4	261	11	6.9	0.00
02/11/2023 20:30	6.0	258	12	8.3	0.00
02/11/2023 20:40	5.5	256	11	8.0	0.00
02/11/2023 20:50	5.4	255	12	7.1	0.00
02/11/2023 21:00	5.0	257	10	6.9	0.00
02/11/2023 21:10	5.1	260	10	7.3	0.00
02/11/2023 21:20	5.3	254	10	6.7	0.00
02/11/2023 21:30	4.6	257	12	6.7	0.00
02/11/2023 21:40	4.6	258	12	6.3	0.00
02/11/2023 21:50	4.7	257	11	6.4	0.00
02/11/2023 22:00	4.3	259	12	6.0	0.00
02/11/2023 22:10	4.7	255	10	6.8	0.00
02/11/2023 22:20	4.9	260	10	6.8	0.00
02/11/2023 22:30	4.9	262	9	6.4	0.00
02/11/2023 22:40	5.2	265	9	6.7	0.00
02/11/2023 22:50	5.2	264	9	6.6	0.00
02/11/2023 23:00	5.8	263	9	7.1	0.00
02/11/2023 23:10	5.6	262	9	6.8	0.00
02/11/2023 23:20	6.1	261	8	7.5	0.00
02/11/2023 23:30	5.7	263	8	7.4	0.00
02/11/2023 23:40	5.7	261	10	7.8	0.00
02/11/2023 23:50	5.2	261	9	6.7	0.00
03/11/2023 00:00	4.9	259	10	6.5	0.00
03/11/2023 00:10	5.0	258	13	6.8	0.00
03/11/2023 00:20	2.4	223	20	3.5	0.00
03/11/2023 00:30	2.6	228	14	3.6	0.00
03/11/2023 00:40	2.1	219	14	3.4	0.00
03/11/2023 00:50	2.6	237	13	3.9	0.00
03/11/2023 01:00	3.3	238	13	4.8	0.00
03/11/2023 01:10	4.1	243	11	5.7	0.00
03/11/2023 01:20	4.4	247	12	6.0	0.00
03/11/2023 01:30	4.1	246	13	6.1	0.00
03/11/2023 01:40	4.1	248	14	6.0	0.00
03/11/2023 01:50	3.9	241	12	5.5	0.00
03/11/2023 02:00	2.6	230	18	4.0	0.00
03/11/2023 02:10	2.6	238	15	4.1	0.00
03/11/2023 02:20	3.3	232	14	4.6	0.00
03/11/2023 02:30	4.0	233	14	6.0	0.00
03/11/2023 02:40	3.6	237	15	5.2	0.00
03/11/2023 02:50	3.8	261	14	5.3	0.00
03/11/2023 03:00	2.1	249	18	3.3	0.00
03/11/2023 03:10	2.9	286	17	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 03:20	1.8	143	48	3.9	0.00
03/11/2023 03:30	2.8	281	14	4.2	0.00
03/11/2023 03:40	2.7	271	15	4.7	0.00
03/11/2023 03:50	4.1	270	12	6.0	0.00
03/11/2023 04:00	4.0	264	13	5.2	0.00
03/11/2023 04:10	4.3	267	13	5.5	0.00
03/11/2023 04:20	3.4	265	14	5.0	0.00
03/11/2023 04:30	4.8	266	11	6.8	0.00
03/11/2023 04:40	4.4	262	10	6.2	0.00
03/11/2023 04:50	4.4	257	11	6.6	0.00
03/11/2023 05:00	4.6	260	10	6.2	0.00
03/11/2023 05:10	4.1	271	13	6.0	0.00
03/11/2023 05:20	4.7	265	11	6.7	0.00
03/11/2023 05:30	4.8	264	11	6.6	0.00
03/11/2023 05:40	4.2	275	16	5.8	0.00
03/11/2023 05:50	4.4	276	16	6.0	0.00
03/11/2023 06:00	4.7	270	12	7.1	0.00
03/11/2023 06:10	4.8	265	13	7.0	0.00
03/11/2023 06:20	6.0	263	9	7.6	0.00
03/11/2023 06:30	5.2	258	10	7.2	0.00
03/11/2023 06:40	5.6	252	11	7.6	0.00
03/11/2023 06:50	5.1	250	12	7.1	0.00
03/11/2023 07:00	4.5	246	12	6.3	0.00
03/11/2023 07:10	4.3	234	14	6.5	0.00
03/11/2023 07:20	3.4	236	15	5.1	0.00
03/11/2023 07:30	4.2	229	15	6.0	0.00
03/11/2023 07:40	3.7	229	15	5.8	0.00
03/11/2023 07:50	3.8	226	13	6.0	0.00
03/11/2023 08:00	4.7	219	14	6.3	0.00
03/11/2023 08:10	3.9	233	17	6.0	0.00
03/11/2023 08:20	5.1	219	19	7.2	0.00
03/11/2023 08:30	4.3	222	19	6.5	0.00
03/11/2023 08:40	2.2	171	71	4.2	0.00
03/11/2023 08:50	2.2	189	63	3.3	0.00
03/11/2023 09:00	1.6	206	68	2.7	0.00
03/11/2023 09:10	1.6	204	79	3.2	0.00
03/11/2023 09:20	2.5	225	20	3.6	0.00
03/11/2023 09:30	3.3	223	15	4.4	0.00
03/11/2023 09:40	2.6	224	19	4.1	0.00
03/11/2023 09:50	2.9	234	13	4.3	0.00
03/11/2023 10:00	3.4	234	14	4.6	0.00
03/11/2023 10:10	3.0	228	15	4.5	0.00
03/11/2023 10:20	3.3	233	15	4.7	0.00
03/11/2023 10:30	3.3	232	13	5.0	0.00
03/11/2023 10:40	3.8	238	16	4.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 10:50	4.4	255	10	5.6	0.00
03/11/2023 11:00	4.6	260	10	6.0	0.00
03/11/2023 11:10	5.6	259	10	7.1	0.00
03/11/2023 11:20	5.3	256	10	6.8	0.00
03/11/2023 11:30	5.4	260	10	6.8	0.00
03/11/2023 11:40	5.2	256	10	6.8	0.00
03/11/2023 11:50	5.6	257	12	7.6	0.00
03/11/2023 12:00	4.9	253	11	6.5	0.00
03/11/2023 12:10	5.1	252	12	7.3	0.00
03/11/2023 12:20	4.2	252	15	5.6	0.00
03/11/2023 12:30	5.3	257	11	7.1	0.00
03/11/2023 12:40	4.6	255	13	6.5	0.00
03/11/2023 12:50	5.0	254	14	6.9	0.00
03/11/2023 13:00	4.9	258	13	6.8	0.00
03/11/2023 13:10	4.8	250	13	6.4	0.00
03/11/2023 13:20	5.2	254	11	7.2	0.00
03/11/2023 13:30	5.9	255	10	7.6	0.00
03/11/2023 13:40	5.7	260	10	7.3	0.00
03/11/2023 13:50	5.4	261	12	7.0	0.00
03/11/2023 14:00	6.1	263	12	7.5	0.00
03/11/2023 14:10	6.4	265	10	8.8	0.00
03/11/2023 14:20	5.5	262	11	7.5	0.00
03/11/2023 14:30	5.3	265	12	6.7	0.00
03/11/2023 14:40	5.9	261	11	7.2	0.00
03/11/2023 14:50	6.4	263	11	7.9	0.00
03/11/2023 15:00	6.1	262	12	7.6	0.00
03/11/2023 15:10	5.7	264	10	7.9	0.00
03/11/2023 15:20	5.8	264	11	7.8	0.00
03/11/2023 15:30	5.1	264	11	6.8	0.00
03/11/2023 15:40	4.7	259	13	6.4	0.00
03/11/2023 15:50	4.5	255	13	6.4	0.00
03/11/2023 16:00	6.2	262	9	8.3	0.00
03/11/2023 16:10	7.0	262	11	8.8	0.00
03/11/2023 16:20	6.4	264	12	8.2	0.00
03/11/2023 16:30	6.2	263	10	8.0	0.00
03/11/2023 16:40	6.6	264	10	8.2	0.00
03/11/2023 16:50	6.1	264	13	8.1	0.00
03/11/2023 17:00	6.1	263	11	8.1	0.00
03/11/2023 17:10	6.2	263	10	8.3	0.00
03/11/2023 17:20	5.5	262	9	6.8	0.00
03/11/2023 17:30	5.0	260	13	6.7	0.00
03/11/2023 17:40	4.8	266	10	6.0	0.00
03/11/2023 17:50	4.6	262	11	6.0	0.00
03/11/2023 18:00	4.8	256	9	6.8	0.00
03/11/2023 18:10	4.7	260	11	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 18:20	4.7	259	11	6.4	0.00
03/11/2023 18:30	3.9	257	14	5.5	0.00
03/11/2023 18:40	4.0	258	10	5.2	0.00
03/11/2023 18:50	4.1	256	11	5.6	0.00
03/11/2023 19:00	4.5	255	10	5.9	0.00
03/11/2023 19:10	4.5	256	11	5.6	0.00
03/11/2023 19:20	5.1	254	9	6.7	0.00
03/11/2023 19:30	4.7	252	12	6.2	0.00
03/11/2023 19:40	4.7	254	10	6.6	0.00
03/11/2023 19:50	4.9	254	9	6.4	0.00
03/11/2023 20:00	4.9	253	11	6.0	0.00
03/11/2023 20:10	5.4	253	9	6.9	0.00
03/11/2023 20:20	5.2	254	10	6.4	0.00
03/11/2023 20:30	4.8	253	10	6.4	0.00
03/11/2023 20:40	4.5	253	9	6.0	0.00
03/11/2023 20:50	4.6	255	10	6.0	0.00
03/11/2023 21:00	4.4	256	9	5.7	0.00
03/11/2023 21:10	4.4	255	9	5.7	0.00
03/11/2023 21:20	4.5	256	9	5.6	0.00
03/11/2023 21:30	4.4	255	10	6.0	0.00
03/11/2023 21:40	4.8	251	9	6.2	0.00
03/11/2023 21:50	4.0	244	12	5.7	0.00
03/11/2023 22:00	4.1	244	9	5.6	0.00
03/11/2023 22:10	4.0	245	12	5.4	0.00
03/11/2023 22:20	3.4	252	11	4.6	0.00
03/11/2023 22:30	4.3	252	12	6.4	0.00
03/11/2023 22:40	3.8	252	13	5.5	0.00
03/11/2023 22:50	4.3	252	11	5.8	0.00
03/11/2023 23:00	4.2	249	11	5.5	0.00
03/11/2023 23:10	4.4	254	10	6.1	0.00
03/11/2023 23:20	3.9	252	10	5.2	0.00
03/11/2023 23:30	3.6	253	11	4.9	0.00
03/11/2023 23:40	4.2	255	11	5.5	0.00
03/11/2023 23:50	4.1	253	12	5.3	0.00
04/11/2023 00:00	4.8	256	11	6.6	0.00
04/11/2023 00:10	4.6	253	11	6.0	0.00
04/11/2023 00:20	4.5	253	11	6.0	0.00
04/11/2023 00:30	4.2	251	13	5.4	0.00
04/11/2023 00:40	4.0	251	11	5.4	0.00
04/11/2023 00:50	3.8	252	12	5.6	0.00
04/11/2023 01:00	4.2	251	11	6.4	0.00
04/11/2023 01:10	4.2	254	12	5.7	0.00
04/11/2023 01:20	4.3	253	11	5.9	0.00
04/11/2023 01:30	4.2	256	13	5.7	0.00
04/11/2023 01:40	4.6	255	11	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 01:50	4.5	252	11	6.1	0.00
04/11/2023 02:00	4.1	253	12	5.6	0.00
04/11/2023 02:10	4.3	256	11	6.0	0.00
04/11/2023 02:20	4.7	255	11	6.5	0.00
04/11/2023 02:30	5.1	259	10	6.9	0.00
04/11/2023 02:40	5.4	256	9	7.1	0.00
04/11/2023 02:50	4.8	256	9	6.1	0.00
04/11/2023 03:00	4.9	255	11	6.6	0.00
04/11/2023 03:10	4.6	255	9	6.0	0.00
04/11/2023 03:20	4.3	254	10	5.7	0.00
04/11/2023 03:30	4.1	256	10	5.5	0.00
04/11/2023 03:40	4.7	255	9	6.0	0.00
04/11/2023 03:50	4.6	253	10	5.8	0.00
04/11/2023 04:00	4.7	256	10	6.3	0.00
04/11/2023 04:10	4.5	253	10	5.9	0.00
04/11/2023 04:20	4.2	253	11	5.5	0.00
04/11/2023 04:30	3.7	251	11	4.9	0.00
04/11/2023 04:40	4.1	250	10	5.4	0.00
04/11/2023 04:50	4.1	254	10	5.6	0.00
04/11/2023 05:00	3.8	251	12	5.0	0.00
04/11/2023 05:10	3.4	249	11	4.6	0.00
04/11/2023 05:20	3.4	249	11	4.6	0.00
04/11/2023 05:30	3.7	254	10	4.6	0.00
04/11/2023 05:40	2.7	254	10	3.8	0.00
04/11/2023 05:50	2.0	247	11	2.6	0.00
04/11/2023 06:00	2.4	253	10	3.5	0.00
04/11/2023 06:10	1.8	241	19	2.6	0.00
04/11/2023 06:20	1.7	242	14	2.5	0.00
04/11/2023 06:30	2.4	250	14	3.2	0.00
04/11/2023 06:40	2.2	248	13	3.0	0.00
04/11/2023 06:50	2.2	247	12	3.2	0.00
04/11/2023 07:00	2.2	252	13	2.8	0.00
04/11/2023 07:10	1.6	246	18	2.6	0.00
04/11/2023 07:20	1.6	246	15	2.4	0.00
04/11/2023 07:30	2.5	236	13	3.1	0.00
04/11/2023 07:40	2.4	229	13	3.5	0.00
04/11/2023 07:50	2.6	238	11	3.5	0.00
04/11/2023 08:00	2.7	244	12	3.8	0.00
04/11/2023 08:10	2.0	238	18	3.2	0.00
04/11/2023 08:20	2.2	255	16	3.1	0.00
04/11/2023 08:30	2.3	255	17	3.6	0.00
04/11/2023 08:40	1.6	260	33	2.4	0.00
04/11/2023 08:50	1.7	223	36	2.8	0.00
04/11/2023 09:00	2.1	228	48	4.0	0.00
04/11/2023 09:10	1.9	237	60	3.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 09:20	2.2	215	67	4.0	0.00
04/11/2023 09:30	1.6	135	67	2.9	0.00
04/11/2023 09:40	2.3	147	40	3.7	0.00
04/11/2023 09:50	3.0	119	19	4.8	0.00
04/11/2023 10:00	3.3	84	15	4.7	0.00
04/11/2023 10:10	3.1	96	18	4.4	0.00
04/11/2023 10:20	3.0	100	16	4.5	0.00
04/11/2023 10:30	2.5	102	20	3.9	0.00
04/11/2023 10:40	3.2	106	19	4.9	0.00
04/11/2023 10:50	3.4	93	19	4.9	0.00
04/11/2023 11:00	3.0	90	18	4.5	0.00
04/11/2023 11:10	2.8	108	25	5.0	0.00
04/11/2023 11:20	2.9	80	23	4.4	0.00
04/11/2023 11:30	2.9	79	16	4.9	0.00
04/11/2023 11:40	2.8	72	21	5.8	0.00
04/11/2023 11:50	3.0	78	19	4.6	0.00
04/11/2023 12:00	2.3	63	26	3.7	0.00
04/11/2023 12:10	3.7	306	22	5.2	0.00
04/11/2023 12:20	4.0	292	13	5.7	0.00
04/11/2023 12:30	3.8	297	19	5.4	0.00
04/11/2023 12:40	2.6	338	22	3.6	0.00
04/11/2023 12:50	2.5	343	20	3.6	0.00
04/11/2023 13:00	2.7	319	28	4.0	0.00
04/11/2023 13:10	3.3	332	20	4.6	0.00
04/11/2023 13:20	2.9	323	26	4.4	0.00
04/11/2023 13:30	3.2	337	18	5.0	0.00
04/11/2023 13:40	3.3	346	23	5.1	0.00
04/11/2023 13:50	3.2	336	24	4.9	0.00
04/11/2023 14:00	3.4	338	18	4.8	0.00
04/11/2023 14:10	3.3	331	21	5.3	0.00
04/11/2023 14:20	3.5	337	22	5.4	0.00
04/11/2023 14:30	3.5	329	21	5.6	0.00
04/11/2023 14:40	4.1	313	14	5.8	0.00
04/11/2023 14:50	4.3	310	15	5.9	0.00
04/11/2023 15:00	4.6	301	14	6.5	0.00
04/11/2023 15:10	4.5	294	15	6.2	0.00
04/11/2023 15:20	4.6	290	15	6.0	0.00
04/11/2023 15:30	5.0	281	15	7.1	0.00
04/11/2023 15:40	4.2	280	15	5.7	0.00
04/11/2023 15:50	4.0	282	17	5.7	0.00
04/11/2023 16:00	4.3	271	15	5.7	0.00
04/11/2023 16:10	4.5	260	13	6.0	0.00
04/11/2023 16:20	4.6	256	11	5.6	0.00
04/11/2023 16:30	4.5	261	11	6.0	0.00
04/11/2023 16:40	4.8	259	11	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 16:50	4.7	261	10	6.4	0.00
04/11/2023 17:00	5.4	262	10	6.8	0.00
04/11/2023 17:10	5.1	260	11	6.6	0.00
04/11/2023 17:20	4.9	260	10	6.1	0.00
04/11/2023 17:30	5.1	263	10	6.7	0.00
04/11/2023 17:40	4.8	260	9	5.8	0.00
04/11/2023 17:50	5.3	262	9	6.8	0.00
04/11/2023 18:00	5.3	259	10	7.0	0.00
04/11/2023 18:10	4.8	262	11	6.3	0.00
04/11/2023 18:20	5.2	260	11	6.8	0.00
04/11/2023 18:30	4.9	263	10	6.6	0.00
04/11/2023 18:40	4.8	262	11	6.7	0.00
04/11/2023 18:50	4.9	262	10	6.7	0.00
04/11/2023 19:00	4.8	259	10	6.7	0.00
04/11/2023 19:10	5.2	260	11	6.9	0.00
04/11/2023 19:20	4.7	255	10	6.5	0.00
04/11/2023 19:30	5.0	255	10	6.6	0.00
04/11/2023 19:40	4.7	255	11	6.3	0.00
04/11/2023 19:50	4.7	259	9	6.5	0.00
04/11/2023 20:00	4.0	255	14	5.4	0.00
04/11/2023 20:10	5.0	252	11	6.6	0.00
04/11/2023 20:20	4.9	256	10	6.0	0.00
04/11/2023 20:30	4.6	258	10	6.1	0.00
04/11/2023 20:40	4.5	253	11	6.0	0.00
04/11/2023 20:50	4.5	251	10	6.1	0.00
04/11/2023 21:00	4.8	252	12	6.6	0.00
04/11/2023 21:10	4.9	252	11	6.4	0.00
04/11/2023 21:20	3.8	251	11	5.4	0.00
04/11/2023 21:30	3.9	243	12	5.4	0.00
04/11/2023 21:40	4.3	246	13	6.4	0.00
04/11/2023 21:50	4.1	248	13	6.0	0.00
04/11/2023 22:00	3.4	250	14	4.8	0.00
04/11/2023 22:10	4.0	247	14	5.4	0.00
04/11/2023 22:20	3.6	252	11	4.8	0.00
04/11/2023 22:30	3.7	248	13	5.2	0.00
04/11/2023 22:40	4.4	255	13	5.8	0.00
04/11/2023 22:50	4.3	255	12	6.0	0.00
04/11/2023 23:00	4.5	256	9	6.2	0.00
04/11/2023 23:10	4.9	256	10	6.5	0.00
04/11/2023 23:20	4.6	259	9	5.8	0.00
04/11/2023 23:30	4.2	261	10	5.6	0.00
04/11/2023 23:40	4.1	258	11	5.3	0.00
04/11/2023 23:50	4.3	258	10	5.5	0.00
05/11/2023 00:00	4.1	261	9	5.0	0.00
05/11/2023 00:10	4.3	259	10	5.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 00:20	4.2	261	10	5.2	0.00
05/11/2023 00:30	3.8	260	10	4.9	0.00
05/11/2023 00:40	4.1	259	11	5.3	0.00
05/11/2023 00:50	4.0	259	10	5.4	0.00
05/11/2023 01:00	4.1	259	10	5.8	0.00
05/11/2023 01:10	4.4	259	9	5.7	0.00
05/11/2023 01:20	4.1	256	10	5.4	0.00
05/11/2023 01:30	3.7	255	10	4.9	0.00
05/11/2023 01:40	4.1	255	10	5.4	0.00
05/11/2023 01:50	3.9	255	11	5.2	0.00
05/11/2023 02:00	3.6	250	11	4.7	0.00
05/11/2023 02:10	3.2	248	11	4.4	0.00
05/11/2023 02:20	2.8	247	13	4.0	0.00
05/11/2023 02:30	2.5	244	13	3.8	0.00
05/11/2023 02:40	2.5	253	13	3.3	0.00
05/11/2023 02:50	2.0	240	15	2.8	0.00
05/11/2023 03:00	1.6	244	13	2.4	0.00
05/11/2023 03:10	1.4	244	13	1.9	0.00
05/11/2023 03:20	1.2	240	13	1.6	0.00
05/11/2023 03:30	1.2	249	10	1.6	0.00
05/11/2023 03:40	1.6	248	9	2.0	0.00
05/11/2023 03:50	1.5	244	11	2.0	0.00
05/11/2023 04:00	1.7	239	11	2.4	0.00
05/11/2023 04:10	2.2	239	12	2.8	0.00
05/11/2023 04:20	1.6	236	13	2.3	0.00
05/11/2023 04:30	1.4	237	14	1.8	0.00
05/11/2023 04:40	0.9	240	17	1.4	0.00
05/11/2023 04:50	0.7	265	14	0.9	0.00
05/11/2023 05:00	0.6	261	15	1.1	0.00
05/11/2023 05:10	1.8	235	16	2.4	0.00
05/11/2023 05:20	2.4	227	18	3.3	0.00
05/11/2023 05:30	2.2	226	16	3.1	0.00
05/11/2023 05:40	1.9	226	17	2.8	0.00
05/11/2023 05:50	1.2	216	33	2.0	0.00
05/11/2023 06:00	1.1	218	22	1.7	0.00
05/11/2023 06:10	1.2	234	51	1.9	0.00
05/11/2023 06:20	1.2	205	68	2.3	0.00
05/11/2023 06:30	1.5	244	73	2.3	0.00
05/11/2023 06:40	1.1	185	83	1.9	0.00
05/11/2023 06:50	2.6	146	33	4.0	0.00
05/11/2023 07:00	3.4	140	16	5.4	0.00
05/11/2023 07:10	4.2	137	17	6.3	0.00
05/11/2023 07:20	4.8	127	15	6.7	0.00
05/11/2023 07:30	5.6	116	15	7.7	0.00
05/11/2023 07:40	5.9	103	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 07:50	7.2	101	10	9.9	0.00
05/11/2023 08:00	6.6	102	10	8.6	0.00
05/11/2023 08:10	6.6	94	11	10.1	0.00
05/11/2023 08:20	7.0	95	12	9.5	0.00
05/11/2023 08:30	6.9	96	11	9.1	0.00
05/11/2023 08:40	7.1	96	12	9.5	0.00
05/11/2023 08:50	6.3	90	13	9.8	0.00
05/11/2023 09:00	6.8	95	14	9.2	0.00
05/11/2023 09:10	6.8	95	13	9.8	0.00
05/11/2023 09:20	6.8	100	13	9.2	0.00
05/11/2023 09:30	7.5	91	12	10.3	0.00
05/11/2023 09:40	7.5	85	12	10.6	0.00
05/11/2023 09:50	7.0	87	11	9.3	0.00
05/11/2023 10:00	7.1	78	11	9.5	0.00
05/11/2023 10:10	7.4	79	9	9.9	0.00
05/11/2023 10:20	7.4	79	11	9.9	0.00
05/11/2023 10:30	6.8	81	10	9.6	0.00
05/11/2023 10:40	6.8	80	11	8.7	0.00
05/11/2023 10:50	7.0	78	12	9.2	0.00
05/11/2023 11:00	6.6	79	10	9.6	0.00
05/11/2023 11:10	6.9	82	11	9.2	0.00
05/11/2023 11:20	7.2	79	11	9.6	0.00
05/11/2023 11:30	7.2	82	11	9.3	0.00
05/11/2023 11:40	6.9	79	11	9.2	0.00
05/11/2023 11:50	6.6	79	11	9.0	0.00
05/11/2023 12:00	6.0	84	12	8.4	0.00
05/11/2023 12:10	6.5	71	12	8.9	0.00
05/11/2023 12:20	6.6	68	10	8.4	0.00
05/11/2023 12:30	6.5	66	11	8.5	0.00
05/11/2023 12:40	5.9	62	13	8.0	0.00
05/11/2023 12:50	5.9	64	13	7.9	0.00
05/11/2023 13:00	5.9	62	12	7.5	0.00
05/11/2023 13:10	6.5	60	11	8.1	0.00
05/11/2023 13:20	6.2	69	11	8.7	0.00
05/11/2023 13:30	5.3	51	13	8.0	0.00
05/11/2023 13:40	6.2	60	12	8.3	0.00
05/11/2023 13:50	6.3	61	11	8.8	0.00
05/11/2023 14:00	5.9	61	12	8.7	0.00
05/11/2023 14:10	5.9	55	12	8.2	0.00
05/11/2023 14:20	6.4	61	13	8.7	0.00
05/11/2023 14:30	5.8	55	12	7.5	0.00
05/11/2023 14:40	6.0	51	13	7.9	0.00
05/11/2023 14:50	5.7	52	15	7.7	0.00
05/11/2023 15:00	6.3	51	12	8.2	0.00
05/11/2023 15:10	5.7	51	13	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 15:20	5.3	48	14	7.2	0.00
05/11/2023 15:30	4.0	38	17	6.6	0.00
05/11/2023 15:40	4.4	28	18	6.6	0.00
05/11/2023 15:50	4.3	26	16	6.2	0.00
05/11/2023 16:00	5.0	39	14	6.7	0.00
05/11/2023 16:10	5.2	42	12	7.2	0.00
05/11/2023 16:20	4.4	16	20	6.6	0.00
05/11/2023 16:30	4.2	20	18	6.5	0.00
05/11/2023 16:40	4.7	13	16	6.6	0.00
05/11/2023 16:50	4.3	21	17	6.8	0.00
05/11/2023 17:00	4.1	12	18	5.6	0.00
05/11/2023 17:10	3.8	21	15	5.6	0.00
05/11/2023 17:20	4.2	16	16	5.5	0.00
05/11/2023 17:30	3.9	21	15	5.3	0.00
05/11/2023 17:40	3.6	23	18	5.1	0.00
05/11/2023 17:50	3.6	18	15	5.2	0.00
05/11/2023 18:00	4.3	15	14	5.9	0.00
05/11/2023 18:10	3.9	7	16	5.8	0.00
05/11/2023 18:20	4.3	8	20	6.8	0.00
05/11/2023 18:30	5.3	358	18	7.0	0.00
05/11/2023 18:40	5.1	357	18	7.2	0.00
05/11/2023 18:50	5.2	356	15	7.4	0.00
05/11/2023 19:00	4.5	356	17	6.6	0.00
05/11/2023 19:10	3.9	345	18	5.6	0.00
05/11/2023 19:20	3.6	346	13	5.2	0.00
05/11/2023 19:30	3.9	353	17	5.4	0.00
05/11/2023 19:40	3.5	354	16	5.2	0.00
05/11/2023 19:50	2.7	185	21	4.3	0.00
05/11/2023 20:00	1.1	161	45	2.4	0.00
05/11/2023 20:10	4.4	231	18	7.5	0.00
05/11/2023 20:20	2.2	254	70	4.8	0.00
05/11/2023 20:30	3.0	244	46	5.2	0.00
05/11/2023 20:40	1.1	173	25	2.0	0.00
05/11/2023 20:50	1.6	231	17	2.4	0.00
05/11/2023 21:00	0.4	195	20	0.9	0.00
05/11/2023 21:10	0.8	174	47	1.6	0.00
05/11/2023 21:20	1.1	184	26	1.7	0.00
05/11/2023 21:30	1.7	103	24	2.7	0.00
05/11/2023 21:40	3.0	108	11	4.0	0.00
05/11/2023 21:50	1.9	115	16	2.8	0.00
05/11/2023 22:00	1.8	119	14	2.4	0.00
05/11/2023 22:10	0.8	190	35	1.2	0.00
05/11/2023 22:20	0.8	223	22	1.5	0.00
05/11/2023 22:30	0.9	205	24	1.6	0.00
05/11/2023 22:40	1.1	208	37	1.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 22:50	0.5	210	11	0.9	0.00
05/11/2023 23:00	0.3	89	26	0.9	0.00
05/11/2023 23:10	1.3	189	35	2.0	0.00
05/11/2023 23:20	1.0	96	22	2.1	0.00
05/11/2023 23:30	1.6	126	16	2.0	0.00
05/11/2023 23:40	1.7	108	8	2.2	0.00
05/11/2023 23:50	1.9	106	9	2.7	0.00
06/11/2023 00:00	1.8	95	9	2.4	0.00
06/11/2023 00:10	1.8	77	10	2.6	0.00
06/11/2023 00:20	2.4	78	9	3.2	0.00
06/11/2023 00:30	2.6	73	9	3.5	0.00
06/11/2023 00:40	2.3	72	11	3.1	0.00
06/11/2023 00:50	2.1	75	9	2.8	0.00
06/11/2023 01:00	2.1	77	9	2.7	0.00
06/11/2023 01:10	1.8	58	11	2.4	0.00
06/11/2023 01:20	1.0	58	12	1.6	0.00
06/11/2023 01:30					0.00
06/11/2023 01:40	0.5	223	13	1.2	0.00
06/11/2023 01:50	0.3	97	5	1.5	0.00
06/11/2023 02:00	0.9	70	8	1.6	0.00
06/11/2023 02:10	0.5	166	19	1.0	0.00
06/11/2023 02:20	0.0	244	0	0.4	0.00
06/11/2023 02:30					0.00
06/11/2023 02:40	1.1	43	4	2.0	0.00
06/11/2023 02:50	1.7	58	10	2.2	0.00
06/11/2023 03:00	2.0	45	10	2.7	0.00
06/11/2023 03:10	1.9	56	14	2.7	0.00
06/11/2023 03:20	0.5	113	48	1.2	0.00
06/11/2023 03:30					0.00
06/11/2023 03:40	0.2	221	12	0.9	0.00
06/11/2023 03:50	0.1	289	5	0.8	0.00
06/11/2023 04:00	0.5	224	11	1.1	0.00
06/11/2023 04:10					0.00
06/11/2023 04:20	0.4	337	10	1.2	0.00
06/11/2023 04:30					0.00
06/11/2023 04:40					0.00
06/11/2023 04:50					0.00
06/11/2023 05:00	0.5	233	7	1.4	0.00
06/11/2023 05:10	1.2	241	10	2.4	0.00
06/11/2023 05:20	1.2	228	14	2.6	0.00
06/11/2023 05:30	0.6	220	10	1.7	0.00
06/11/2023 05:40	0.0	226	9	0.4	0.00
06/11/2023 05:50	0.1	248	8	0.8	0.00
06/11/2023 06:00	0.0	176	10	0.4	0.00
06/11/2023 06:10	0.0	77	0	0.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 06:20					0.00
06/11/2023 06:30					0.00
06/11/2023 06:40					0.00
06/11/2023 06:50					0.00
06/11/2023 07:00					0.00
06/11/2023 07:10					0.00
06/11/2023 07:20	1.1	227	12	1.7	0.00
06/11/2023 07:30	1.4	228	16	2.0	0.00
06/11/2023 07:40	1.7	231	20	2.2	0.00
06/11/2023 07:50	1.2	210	49	2.0	0.00
06/11/2023 08:00	1.6	224	24	2.1	0.00
06/11/2023 08:10	1.3	196	41	2.0	0.00
06/11/2023 08:20	1.0	145	69	2.1	0.00
06/11/2023 08:30	1.7	198	53	3.2	0.00
06/11/2023 08:40	2.0	146	33	2.8	0.00
06/11/2023 08:50	2.0	139	24	2.9	0.00
06/11/2023 09:00	2.7	134	20	4.4	0.00
06/11/2023 09:10	2.8	137	19	4.0	0.00
06/11/2023 09:20	2.7	140	21	4.0	0.00
06/11/2023 09:30	3.3	123	16	4.7	0.00
06/11/2023 09:40	3.8	98	17	4.9	0.00
06/11/2023 09:50	3.6	99	12	4.8	0.00
06/11/2023 10:00	3.4	98	11	4.4	0.00
06/11/2023 10:10	3.0	94	14	4.5	0.00
06/11/2023 10:20	3.2	100	13	4.3	0.00
06/11/2023 10:30	3.4	101	14	4.9	0.00
06/11/2023 10:40	3.3	91	12	4.8	0.00
06/11/2023 10:50	3.9	94	13	5.6	0.00
06/11/2023 11:00	3.3	103	17	5.2	0.00
06/11/2023 11:10	3.1	110	19	4.4	0.00
06/11/2023 11:20	3.1	90	17	5.7	0.00
06/11/2023 11:30	2.4	100	23	4.3	0.00
06/11/2023 11:40	3.0	77	16	4.5	0.00
06/11/2023 11:50	2.9	201	23	4.4	0.00
06/11/2023 12:00	3.0	351	18	4.4	0.00
06/11/2023 12:10	3.4	345	14	4.8	0.00
06/11/2023 12:20	3.4	343	16	4.7	0.00
06/11/2023 12:30	3.7	340	17	5.4	0.00
06/11/2023 12:40	3.5	346	18	4.9	0.00
06/11/2023 12:50	3.7	349	17	5.0	0.00
06/11/2023 13:00	3.2	342	21	4.4	0.00
06/11/2023 13:10	3.0	311	24	4.4	0.00
06/11/2023 13:20	2.6	330	21	4.1	0.00
06/11/2023 13:30	3.3	343	25	5.2	0.00
06/11/2023 13:40	3.2	346	21	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 13:50	3.3	329	19	4.9	0.00
06/11/2023 14:00	3.6	332	15	5.0	0.00
06/11/2023 14:10	4.0	335	17	5.6	0.00
06/11/2023 14:20	3.7	342	22	5.6	0.00
06/11/2023 14:30	3.4	310	18	5.3	0.00
06/11/2023 14:40	4.1	304	14	5.3	0.00
06/11/2023 14:50	4.4	299	13	6.0	0.00
06/11/2023 15:00	4.4	282	17	5.8	0.00
06/11/2023 15:10	5.1	263	12	6.4	0.00
06/11/2023 15:20	5.0	263	12	6.5	0.00
06/11/2023 15:30	4.9	266	14	6.4	0.00
06/11/2023 15:40	4.2	285	14	5.6	0.00
06/11/2023 15:50	5.6	296	9	7.2	0.00
06/11/2023 16:00	4.9	293	15	6.4	0.00
06/11/2023 16:10	5.0	289	16	6.5	0.00
06/11/2023 16:20	4.6	286	14	6.1	0.00
06/11/2023 16:30	3.8	314	16	5.7	0.00
06/11/2023 16:40	3.9	168	17	5.5	0.00
06/11/2023 16:50	4.2	178	19	5.6	0.00
06/11/2023 17:00	4.6	303	20	6.7	0.00
06/11/2023 17:10	4.7	276	15	6.1	0.00
06/11/2023 17:20	5.6	259	10	7.2	0.00
06/11/2023 17:30	5.2	240	15	7.6	0.00
06/11/2023 17:40	5.0	250	12	6.6	0.00
06/11/2023 17:50	4.8	228	15	6.7	0.00
06/11/2023 18:00	4.2	247	12	5.7	0.00
06/11/2023 18:10	4.3	254	9	6.0	0.00
06/11/2023 18:20	3.6	255	11	5.0	0.00
06/11/2023 18:30	2.8	244	12	4.0	0.00
06/11/2023 18:40	3.1	258	12	3.9	0.00
06/11/2023 18:50	2.8	247	12	4.0	0.00
06/11/2023 19:00	2.8	241	14	4.2	0.00
06/11/2023 19:10	3.1	238	13	4.4	0.00
06/11/2023 19:20	3.1	253	11	4.2	0.00
06/11/2023 19:30	4.3	256	13	5.9	0.00
06/11/2023 19:40	5.1	238	14	6.8	0.00
06/11/2023 19:50	5.0	216	17	7.3	0.00
06/11/2023 20:00	5.0	222	19	7.5	0.00
06/11/2023 20:10	5.3	222	16	7.5	0.00
06/11/2023 20:20	3.4	221	23	5.6	0.00
06/11/2023 20:30	3.4	223	20	5.2	0.00
06/11/2023 20:40	3.0	223	17	4.3	0.10
06/11/2023 20:50	4.0	218	21	5.6	0.20
06/11/2023 21:00	5.4	216	21	7.5	0.00
06/11/2023 21:10	7.3	223	19	12.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 21:20	5.9	218	26	9.2	0.00
06/11/2023 21:30	2.6	173	77	3.8	0.00
06/11/2023 21:40	3.1	265	58	5.0	0.00
06/11/2023 21:50	2.3	236	57	4.5	0.00
06/11/2023 22:00	1.6	221	82	2.8	0.00
06/11/2023 22:10	1.6	138	33	2.8	0.00
06/11/2023 22:20	1.9	118	12	2.7	0.00
06/11/2023 22:30	3.1	135	15	4.7	0.00
06/11/2023 22:40	2.6	142	37	4.2	0.00
06/11/2023 22:50	2.8	142	25	4.0	0.00
06/11/2023 23:00	3.0	142	14	3.9	0.00
06/11/2023 23:10	2.3	89	61	4.3	0.00
06/11/2023 23:20	1.9	275	92	3.4	0.00
06/11/2023 23:30	2.1	279	85	4.1	0.00
06/11/2023 23:40	2.2	16	83	3.5	0.00
06/11/2023 23:50	2.7	74	81	5.5	0.00
07/11/2023 00:00	2.6	108	81	5.1	0.00
07/11/2023 00:10	2.8	98	88	5.4	0.00
07/11/2023 00:20	2.1	96	89	3.5	0.00
07/11/2023 00:30	2.6	85	86	4.8	0.00
07/11/2023 00:40	2.8	231	87	4.4	0.00
07/11/2023 00:50	2.5	87	82	4.5	0.00
07/11/2023 01:00	2.4	78	87	4.2	0.00
07/11/2023 01:10	2.3	78	85	4.7	0.00
07/11/2023 01:20	2.2	70	87	3.7	0.00
07/11/2023 01:30	2.3	159	98	3.6	0.00
07/11/2023 01:40	2.4	169	85	3.9	0.00
07/11/2023 01:50	2.5	155	95	4.4	0.00
07/11/2023 02:00	2.3	241	69	4.0	0.00
07/11/2023 02:10	2.8	265	81	4.8	0.00
07/11/2023 02:20	2.7	278	80	5.6	0.00
07/11/2023 02:30	2.3	305	89	4.4	0.00
07/11/2023 02:40	2.1	313	84	3.8	0.00
07/11/2023 02:50	2.6	241	80	5.8	0.00
07/11/2023 03:00	3.6	221	65	6.5	0.00
07/11/2023 03:10	3.2	229	60	4.9	0.00
07/11/2023 03:20	3.0	218	69	5.6	0.00
07/11/2023 03:30	3.0	232	75	5.2	0.00
07/11/2023 03:40	2.8	261	78	4.7	0.00
07/11/2023 03:50	2.9	236	88	5.6	0.00
07/11/2023 04:00	3.0	300	94	6.2	0.00
07/11/2023 04:10	2.9	167	88	4.8	0.00
07/11/2023 04:20	2.6	80	86	4.7	0.00
07/11/2023 04:30	2.4	70	92	4.4	0.00
07/11/2023 04:40	2.6	337	88	4.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 04:50	3.0	296	86	5.4	0.00
07/11/2023 05:00	3.8	235	70	6.3	0.00
07/11/2023 05:10	3.0	258	85	5.8	0.00
07/11/2023 05:20	3.6	233	89	7.4	0.00
07/11/2023 05:30	3.2	334	89	6.3	0.00
07/11/2023 05:40	2.7	43	80	5.2	0.00
07/11/2023 05:50	2.5	113	86	5.3	0.00
07/11/2023 06:00	2.4	304	82	4.0	0.00
07/11/2023 06:10	3.2	222	45	5.2	0.00
07/11/2023 06:20	3.4	220	57	5.7	0.00
07/11/2023 06:30	5.0	220	29	7.5	0.00
07/11/2023 06:40	6.5	215	13	8.5	0.00
07/11/2023 06:50	5.7	218	18	8.7	0.00
07/11/2023 07:00	5.3	219	27	7.9	0.00
07/11/2023 07:10	3.6	227	63	6.6	0.00
07/11/2023 07:20	2.8	17	94	4.5	0.00
07/11/2023 07:30	3.2	95	91	5.4	0.00
07/11/2023 07:40	3.6	89	81	6.2	0.00
07/11/2023 07:50	3.3	189	90	5.7	0.00
07/11/2023 08:00	5.1	220	49	9.7	0.00
07/11/2023 08:10	5.9	219	53	11.8	0.00
07/11/2023 08:20	4.8	213	71	10.7	0.00
07/11/2023 08:30	6.1	226	44	8.9	0.00
07/11/2023 08:40	5.1	229	66	10.1	0.00
07/11/2023 08:50	7.7	220	43	13.6	0.00
07/11/2023 09:00	5.8	217	57	10.1	0.00
07/11/2023 09:10	5.1	249	70	9.8	0.00
07/11/2023 09:20	6.2	221	56	11.5	0.00
07/11/2023 09:30	4.6	239	67	8.8	0.00
07/11/2023 09:40	3.3	108	84	5.7	0.00
07/11/2023 09:50	3.5	224	89	6.3	0.00
07/11/2023 10:00	4.0	302	92	7.1	0.00
07/11/2023 10:10	5.1	245	66	8.7	0.00
07/11/2023 10:20	4.6	287	86	8.3	0.00
07/11/2023 10:30	6.0	232	61	11.8	0.00
07/11/2023 10:40	4.4	278	77	8.5	0.00
07/11/2023 10:50	7.4	212	24	9.9	0.00
07/11/2023 11:00	7.1	216	20	9.7	0.00
07/11/2023 11:10	4.7	216	27	7.9	0.00
07/11/2023 11:20	6.4	219	16	9.5	0.00
07/11/2023 11:30	6.5	219	18	9.5	0.00
07/11/2023 11:40	6.6	218	24	9.2	0.00
07/11/2023 11:50	7.8	219	19	11.1	0.00
07/11/2023 12:00	7.4	220	16	10.8	0.00
07/11/2023 12:10	6.6	214	15	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 12:20	6.7	218	24	10.2	0.00
07/11/2023 12:30	6.7	218	28	9.8	0.00
07/11/2023 12:40	7.8	217	22	11.1	0.00
07/11/2023 12:50	8.2	218	18	12.3	0.00
07/11/2023 13:00	6.9	215	27	10.9	0.00
07/11/2023 13:10	10.3	224	18	14.6	0.00
07/11/2023 13:20	9.2	239	15	13.1	0.00
07/11/2023 13:30	7.3	246	13	11.8	0.00
07/11/2023 13:40	6.4	237	14	9.3	0.00
07/11/2023 13:50	6.3	229	15	9.4	0.00
07/11/2023 14:00	6.8	225	17	9.9	0.00
07/11/2023 14:10	7.7	225	15	11.0	0.00
07/11/2023 14:20	7.9	221	16	12.3	0.00
07/11/2023 14:30	9.5	229	13	14.6	0.00
07/11/2023 14:40	8.2	249	14	12.0	0.10
07/11/2023 14:50	9.0	243	14	13.2	0.10
07/11/2023 15:00	7.6	254	12	10.9	0.00
07/11/2023 15:10	6.2	251	13	9.2	0.00
07/11/2023 15:20	5.0	259	14	6.9	0.00
07/11/2023 15:30	4.5	257	12	6.5	0.00
07/11/2023 15:40	4.2	250	14	5.6	0.00
07/11/2023 15:50	3.6	246	14	5.0	0.00
07/11/2023 16:00	3.2	243	14	4.3	0.00
07/11/2023 16:10	3.1	242	12	4.1	0.00
07/11/2023 16:20	3.7	240	11	4.8	0.00
07/11/2023 16:30	3.8	235	10	4.9	0.00
07/11/2023 16:40	3.7	235	10	5.2	0.00
07/11/2023 16:50	2.9	232	9	3.9	0.00
07/11/2023 17:00	2.8	228	13	3.8	0.00
07/11/2023 17:10	2.9	221	17	4.0	0.00
07/11/2023 17:20	2.9	228	13	4.6	0.00
07/11/2023 17:30	2.2	232	14	3.4	0.00
07/11/2023 17:40	2.3	240	15	3.2	0.00
07/11/2023 17:50	2.0	233	16	2.9	0.00
07/11/2023 18:00	0.7	265	24	1.2	0.00
07/11/2023 18:10	1.5	263	18	2.2	0.00
07/11/2023 18:20	2.2	253	11	3.2	0.00
07/11/2023 18:30	2.2	249	12	3.2	0.00
07/11/2023 18:40	1.9	261	11	2.5	0.00
07/11/2023 18:50	1.0	248	12	1.6	0.00
07/11/2023 19:00	1.0	282	10	1.6	0.00
07/11/2023 19:10	2.2	270	11	2.9	0.00
07/11/2023 19:20	2.7	260	9	3.3	0.00
07/11/2023 19:30	3.1	262	9	4.0	0.00
07/11/2023 19:40	3.2	262	10	4.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 19:50	2.8	257	11	3.6	0.00
07/11/2023 20:00	2.9	262	9	4.3	0.00
07/11/2023 20:10	3.0	258	10	4.0	0.00
07/11/2023 20:20	2.4	270	11	3.2	0.00
07/11/2023 20:30	2.6	268	9	3.5	0.00
07/11/2023 20:40	3.2	260	9	4.3	0.00
07/11/2023 20:50	3.4	260	11	4.6	0.00
07/11/2023 21:00	3.0	267	10	4.5	0.00
07/11/2023 21:10	2.8	269	9	3.9	0.00
07/11/2023 21:20	2.7	266	12	4.0	0.00
07/11/2023 21:30	3.0	262	12	3.9	0.00
07/11/2023 21:40	2.9	261	11	4.2	0.00
07/11/2023 21:50	2.7	256	10	3.8	0.00
07/11/2023 22:00	3.2	257	10	4.0	0.00
07/11/2023 22:10	3.4	257	9	4.2	0.00
07/11/2023 22:20	3.8	258	10	4.8	0.00
07/11/2023 22:30	3.9	256	9	4.8	0.00
07/11/2023 22:40	4.1	258	10	5.5	0.00
07/11/2023 22:50	4.3	255	10	5.8	0.00
07/11/2023 23:00	3.4	248	11	5.2	0.00
07/11/2023 23:10	3.3	252	11	4.6	0.00
07/11/2023 23:20	2.1	244	13	2.8	0.00
07/11/2023 23:30	2.5	254	13	4.0	0.00
07/11/2023 23:40	3.0	256	15	4.4	0.00
07/11/2023 23:50	3.6	248	13	5.7	0.00
08/11/2023 00:00	3.4	255	14	5.1	0.00
08/11/2023 00:10	4.3	258	12	6.1	0.00
08/11/2023 00:20	5.3	256	10	7.0	0.00
08/11/2023 00:30	4.5	253	11	6.4	0.00
08/11/2023 00:40	4.1	247	11	5.9	0.00
08/11/2023 00:50	4.1	244	11	5.4	0.00
08/11/2023 01:00	3.9	244	9	5.2	0.00
08/11/2023 01:10	3.2	246	11	4.6	0.00
08/11/2023 01:20	3.6	247	12	4.9	0.00
08/11/2023 01:30	4.0	245	12	5.6	0.00
08/11/2023 01:40	4.0	246	12	5.6	0.00
08/11/2023 01:50	3.4	247	11	4.4	0.00
08/11/2023 02:00	3.4	245	12	4.7	0.00
08/11/2023 02:10	3.6	240	13	5.1	0.00
08/11/2023 02:20	3.8	240	12	5.3	0.00
08/11/2023 02:30	3.7	247	11	5.6	0.00
08/11/2023 02:40	3.9	243	14	5.8	0.00
08/11/2023 02:50	4.0	250	11	5.4	0.00
08/11/2023 03:00	3.7	249	12	5.2	0.00
08/11/2023 03:10	3.0	252	12	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 03:20	3.3	266	11	4.3	0.00
08/11/2023 03:30	3.7	272	10	4.8	0.00
08/11/2023 03:40	3.6	267	11	4.8	0.00
08/11/2023 03:50	3.5	253	10	4.8	0.00
08/11/2023 04:00	3.9	246	11	5.2	0.00
08/11/2023 04:10	3.6	242	13	4.8	0.00
08/11/2023 04:20	3.8	248	12	5.4	0.00
08/11/2023 04:30	2.9	243	12	4.1	0.00
08/11/2023 04:40	2.8	247	11	4.0	0.00
08/11/2023 04:50	2.8	248	13	4.0	0.00
08/11/2023 05:00	3.2	255	11	4.2	0.00
08/11/2023 05:10	2.9	262	10	4.0	0.00
08/11/2023 05:20	2.5	253	13	3.5	0.00
08/11/2023 05:30	1.5	223	25	2.6	0.00
08/11/2023 05:40	1.1	244	13	1.6	0.00
08/11/2023 05:50	1.3	237	19	2.3	0.00
08/11/2023 06:00	2.2	250	10	2.8	0.00
08/11/2023 06:10	2.6	251	11	3.4	0.00
08/11/2023 06:20	2.4	251	11	3.3	0.00
08/11/2023 06:30	3.3	256	11	4.2	0.00
08/11/2023 06:40	3.1	252	11	4.1	0.00
08/11/2023 06:50	2.2	247	15	3.2	0.00
08/11/2023 07:00	2.3	254	15	2.9	0.00
08/11/2023 07:10	2.1	246	16	3.2	0.00
08/11/2023 07:20	2.5	245	13	3.2	0.00
08/11/2023 07:30	2.3	239	15	3.2	0.00
08/11/2023 07:40	1.5	207	38	2.3	0.00
08/11/2023 07:50	1.9	172	42	3.0	0.00
08/11/2023 08:00	1.6	178	67	2.7	0.00
08/11/2023 08:10	2.3	132	20	3.2	0.00
08/11/2023 08:20	1.4	151	60	2.5	0.00
08/11/2023 08:30	2.2	132	32	3.4	0.00
08/11/2023 08:40	2.3	115	22	3.4	0.00
08/11/2023 08:50	2.2	103	28	3.4	0.00
08/11/2023 09:00	2.1	104	24	3.5	0.00
08/11/2023 09:10	1.9	120	26	2.9	0.00
08/11/2023 09:20	1.8	123	25	3.2	0.00
08/11/2023 09:30	1.9	137	36	3.2	0.00
08/11/2023 09:40	2.3	98	28	3.4	0.00
08/11/2023 09:50	1.9	118	25	3.1	0.00
08/11/2023 10:00	2.9	99	18	4.3	0.00
08/11/2023 10:10	2.7	95	14	4.2	0.00
08/11/2023 10:20	2.5	114	24	4.0	0.00
08/11/2023 10:30	2.7	102	25	4.3	0.00
08/11/2023 10:40	3.2	85	18	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 10:50	3.3	86	14	4.5	0.00
08/11/2023 11:00	2.7	99	16	4.0	0.00
08/11/2023 11:10	2.6	95	20	4.3	0.00
08/11/2023 11:20	2.3	97	23	4.0	0.00
08/11/2023 11:30	2.1	93	44	3.5	0.00
08/11/2023 11:40	1.9	203	63	3.3	0.00
08/11/2023 11:50	3.2	296	16	4.4	0.00
08/11/2023 12:00	3.3	301	13	4.5	0.00
08/11/2023 12:10	3.2	303	15	4.0	0.00
08/11/2023 12:20	3.4	299	12	4.4	0.00
08/11/2023 12:30	3.7	296	10	4.5	0.00
08/11/2023 12:40	3.8	297	11	5.1	0.00
08/11/2023 12:50	4.7	288	14	6.5	0.00
08/11/2023 13:00	4.3	293	13	5.6	0.00
08/11/2023 13:10	5.0	291	11	6.6	0.00
08/11/2023 13:20	4.9	292	16	6.1	0.00
08/11/2023 13:30	4.7	294	13	6.0	0.00
08/11/2023 13:40	3.7	306	17	5.3	0.00
08/11/2023 13:50	3.9	303	14	5.8	0.00
08/11/2023 14:00	4.9	277	16	6.7	0.00
08/11/2023 14:10	5.0	290	12	6.8	0.00
08/11/2023 14:20	4.8	297	12	6.6	0.00
08/11/2023 14:30	5.0	294	14	6.5	0.00
08/11/2023 14:40	4.9	282	16	6.8	0.00
08/11/2023 14:50	4.9	288	15	6.5	0.00
08/11/2023 15:00	5.2	288	14	6.9	0.00
08/11/2023 15:10	4.8	286	15	6.7	0.00
08/11/2023 15:20	4.4	290	16	6.4	0.00
08/11/2023 15:30	4.8	290	16	6.4	0.00
08/11/2023 15:40	5.6	293	11	7.5	0.00
08/11/2023 15:50	5.8	291	11	8.0	0.00
08/11/2023 16:00	6.0	293	11	7.9	0.00
08/11/2023 16:10	5.8	289	14	7.7	0.00
08/11/2023 16:20	5.8	300	11	7.7	0.00
08/11/2023 16:30	5.8	303	14	7.5	0.00
08/11/2023 16:40	5.2	305	15	7.2	0.00
08/11/2023 16:50	4.9	303	15	6.5	0.00
08/11/2023 17:00	5.2	299	14	7.7	0.00
08/11/2023 17:10	5.1	299	13	7.2	0.00
08/11/2023 17:20	4.8	299	15	6.6	0.00
08/11/2023 17:30	5.8	294	13	7.5	0.00
08/11/2023 17:40	5.6	301	13	7.8	0.00
08/11/2023 17:50	5.2	301	14	7.2	0.00
08/11/2023 18:00	5.6	296	12	7.4	0.00
08/11/2023 18:10	5.0	300	14	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 18:20	4.8	295	14	6.5	0.00
08/11/2023 18:30	4.9	296	11	6.8	0.00
08/11/2023 18:40	4.8	293	12	7.1	0.00
08/11/2023 18:50	4.2	277	15	6.0	0.00
08/11/2023 19:00	3.5	274	15	4.8	0.00
08/11/2023 19:10	4.3	295	14	6.4	0.00
08/11/2023 19:20	3.7	282	19	5.4	0.00
08/11/2023 19:30	3.5	291	13	5.0	0.00
08/11/2023 19:40	3.7	277	13	5.1	0.00
08/11/2023 19:50	4.2	272	13	5.7	0.00
08/11/2023 20:00	4.1	269	13	5.8	0.00
08/11/2023 20:10	4.4	269	14	5.8	0.00
08/11/2023 20:20	4.0	267	12	5.7	0.00
08/11/2023 20:30	4.9	261	11	6.8	0.00
08/11/2023 20:40	5.1	263	11	7.2	0.00
08/11/2023 20:50	4.8	264	12	6.6	0.00
08/11/2023 21:00	4.4	262	13	6.3	0.00
08/11/2023 21:10	4.6	265	13	7.0	0.00
08/11/2023 21:20	5.1	261	10	6.7	0.00
08/11/2023 21:30	5.2	263	11	6.8	0.00
08/11/2023 21:40	4.6	263	13	6.4	0.00
08/11/2023 21:50	5.1	263	11	6.9	0.00
08/11/2023 22:00	4.7	260	10	5.9	0.00
08/11/2023 22:10	5.1	259	11	7.1	0.00
08/11/2023 22:20	4.9	256	11	6.8	0.00
08/11/2023 22:30	5.4	256	10	7.5	0.00
08/11/2023 22:40	4.9	256	13	6.7	0.00
08/11/2023 22:50	4.9	256	13	7.5	0.00
08/11/2023 23:00	5.0	253	13	6.5	0.00
08/11/2023 23:10	4.7	255	11	7.3	0.00
08/11/2023 23:20	5.1	258	14	6.8	0.00
08/11/2023 23:30	5.1	255	12	6.9	0.00
08/11/2023 23:40	5.2	254	11	7.5	0.00
08/11/2023 23:50	5.0	253	13	7.5	0.00
09/11/2023 00:00	4.6	253	13	7.2	0.00
09/11/2023 00:10	4.1	254	12	5.6	0.00
09/11/2023 00:20	4.0	252	12	5.8	0.00
09/11/2023 00:30	4.2	249	13	5.6	0.00
09/11/2023 00:40	3.9	254	11	5.1	0.00
09/11/2023 00:50	3.7	246	11	5.0	0.00
09/11/2023 01:00	3.8	252	12	5.2	0.00
09/11/2023 01:10	4.4	254	10	5.9	0.00
09/11/2023 01:20	4.9	255	11	6.8	0.00
09/11/2023 01:30	4.6	251	12	6.4	0.00
09/11/2023 01:40	4.3	254	11	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 01:50	4.2	246	11	6.0	0.00
09/11/2023 02:00	3.9	250	13	5.2	0.00
09/11/2023 02:10	3.1	252	13	4.4	0.00
09/11/2023 02:20	4.4	248	13	6.4	0.00
09/11/2023 02:30	4.5	255	11	5.8	0.00
09/11/2023 02:40	4.6	252	11	6.2	0.00
09/11/2023 02:50	4.0	247	13	5.3	0.00
09/11/2023 03:00	3.9	247	12	5.4	0.00
09/11/2023 03:10	4.1	252	11	5.8	0.00
09/11/2023 03:20	4.2	256	10	5.2	0.00
09/11/2023 03:30	4.2	257	10	5.6	0.00
09/11/2023 03:40	4.7	258	10	6.0	0.00
09/11/2023 03:50	4.6	258	9	6.0	0.00
09/11/2023 04:00	4.6	259	10	6.0	0.00
09/11/2023 04:10	4.6	256	9	5.8	0.00
09/11/2023 04:20	4.1	257	10	5.2	0.00
09/11/2023 04:30	4.4	260	10	5.6	0.00
09/11/2023 04:40	4.3	256	10	5.7	0.00
09/11/2023 04:50	4.0	256	10	5.7	0.00
09/11/2023 05:00	4.3	256	10	5.8	0.00
09/11/2023 05:10	4.4	254	10	5.6	0.00
09/11/2023 05:20	4.4	256	10	5.7	0.00
09/11/2023 05:30	4.7	257	10	5.9	0.00
09/11/2023 05:40	4.6	257	12	6.0	0.00
09/11/2023 05:50	4.3	256	10	5.2	0.00
09/11/2023 06:00	4.1	259	10	5.4	0.00
09/11/2023 06:10	4.3	260	9	5.4	0.00
09/11/2023 06:20	4.3	257	9	6.2	0.00
09/11/2023 06:30	4.4	260	10	5.3	0.00
09/11/2023 06:40	3.9	262	10	4.8	0.00
09/11/2023 06:50	3.9	263	11	5.0	0.00
09/11/2023 07:00	3.9	261	13	5.5	0.00
09/11/2023 07:10	4.2	256	10	5.2	0.00
09/11/2023 07:20	4.0	255	12	6.0	0.00
09/11/2023 07:30	4.3	255	13	6.0	0.00
09/11/2023 07:40	3.7	258	12	4.9	0.00
09/11/2023 07:50	3.6	262	12	4.7	0.00
09/11/2023 08:00	3.4	265	14	4.6	0.00
09/11/2023 08:10	3.7	258	9	4.8	0.00
09/11/2023 08:20	3.9	256	12	4.8	0.00
09/11/2023 08:30	3.9	257	12	4.9	0.00
09/11/2023 08:40	4.1	259	12	5.6	0.00
09/11/2023 08:50	4.3	272	15	5.6	0.00
09/11/2023 09:00	4.3	261	13	5.4	0.00
09/11/2023 09:10	4.5	271	13	5.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 09:20	4.5	280	14	6.0	0.00
09/11/2023 09:30	5.0	279	15	6.9	0.00
09/11/2023 09:40	5.0	273	16	6.8	0.00
09/11/2023 09:50	5.5	267	11	7.2	0.00
09/11/2023 10:00	5.2	271	15	6.7	0.00
09/11/2023 10:10	5.1	262	13	6.8	0.00
09/11/2023 10:20	5.9	262	10	7.9	0.00
09/11/2023 10:30	6.1	263	12	7.8	0.00
09/11/2023 10:40	6.4	263	11	8.3	0.00
09/11/2023 10:50	6.9	265	11	8.9	0.00
09/11/2023 11:00	6.4	259	11	8.5	0.00
09/11/2023 11:10	6.0	262	11	8.1	0.00
09/11/2023 11:20	6.0	262	15	7.5	0.00
09/11/2023 11:30	6.0	267	14	7.5	0.00
09/11/2023 11:40	6.7	265	14	9.2	0.00
09/11/2023 11:50	6.3	262	13	8.7	0.00
09/11/2023 12:00	6.1	266	15	7.7	0.00
09/11/2023 12:10	5.6	268	15	7.7	0.00
09/11/2023 12:20	5.5	270	16	7.5	0.00
09/11/2023 12:30	6.1	268	16	8.1	0.00
09/11/2023 12:40	6.1	268	14	8.1	0.00
09/11/2023 12:50	6.1	272	14	8.3	0.00
09/11/2023 13:00	5.9	269	15	7.9	0.00
09/11/2023 13:10	6.0	263	12	8.0	0.00
09/11/2023 13:20	6.2	261	11	8.1	0.00
09/11/2023 13:30	6.9	258	11	9.0	0.00
09/11/2023 13:40	7.0	260	12	8.7	0.00
09/11/2023 13:50	7.5	260	10	9.9	0.00
09/11/2023 14:00	7.0	261	11	8.9	0.00
09/11/2023 14:10	7.0	257	11	9.0	0.00
09/11/2023 14:20	6.8	258	12	9.2	0.00
09/11/2023 14:30	5.6	266	15	7.9	0.00
09/11/2023 14:40	5.8	268	17	7.9	0.00
09/11/2023 14:50	5.7	269	15	8.1	0.00
09/11/2023 15:00	5.9	272	14	8.8	0.00
09/11/2023 15:10	6.0	269	14	8.3	0.00
09/11/2023 15:20	6.4	267	13	8.3	0.00
09/11/2023 15:30	6.0	272	16	7.9	0.00
09/11/2023 15:40	6.0	276	15	7.7	0.00
09/11/2023 15:50	5.9	276	16	8.3	0.00
09/11/2023 16:00	5.7	264	15	9.1	0.00
09/11/2023 16:10	5.7	273	17	8.0	0.00
09/11/2023 16:20	5.9	273	16	8.0	0.00
09/11/2023 16:30	5.8	275	18	8.6	0.00
09/11/2023 16:40	5.8	267	14	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 16:50	6.1	271	15	8.3	0.00
09/11/2023 17:00	6.1	269	13	9.2	0.00
09/11/2023 17:10	6.6	265	14	8.8	0.00
09/11/2023 17:20	6.2	265	13	8.7	0.00
09/11/2023 17:30	5.9	264	13	8.7	0.00
09/11/2023 17:40	6.0	262	11	8.5	0.00
09/11/2023 17:50	6.2	266	12	8.0	0.00
09/11/2023 18:00	5.7	264	11	7.8	0.00
09/11/2023 18:10	6.1	261	11	7.9	0.00
09/11/2023 18:20	6.9	261	11	8.9	0.00
09/11/2023 18:30	6.9	263	9	8.9	0.00
09/11/2023 18:40	6.1	261	9	8.3	0.00
09/11/2023 18:50	6.0	265	12	8.0	0.00
09/11/2023 19:00	6.3	258	9	9.5	0.00
09/11/2023 19:10	6.6	261	11	8.9	0.00
09/11/2023 19:20	6.2	262	10	8.5	0.00
09/11/2023 19:30	6.2	263	12	7.9	0.00
09/11/2023 19:40	6.3	261	12	8.5	0.00
09/11/2023 19:50	6.4	263	12	8.9	0.00
09/11/2023 20:00	6.0	259	13	8.3	0.00
09/11/2023 20:10	5.9	260	11	7.9	0.00
09/11/2023 20:20	5.8	263	11	7.9	0.00
09/11/2023 20:30	5.2	257	12	6.8	0.00
09/11/2023 20:40	5.4	253	12	7.5	0.00
09/11/2023 20:50	5.2	255	13	7.2	0.00
09/11/2023 21:00	5.5	255	13	7.7	0.00
09/11/2023 21:10	5.0	258	11	7.6	0.00
09/11/2023 21:20	4.5	255	11	6.2	0.00
09/11/2023 21:30	4.6	253	13	6.9	0.00
09/11/2023 21:40	4.4	248	13	6.5	0.00
09/11/2023 21:50	4.1	246	13	6.2	0.00
09/11/2023 22:00	4.2	247	12	5.9	0.00
09/11/2023 22:10	4.0	244	14	5.9	0.00
09/11/2023 22:20	4.1	241	12	5.6	0.00
09/11/2023 22:30	3.9	245	12	5.1	0.00
09/11/2023 22:40	4.0	248	12	4.9	0.00
09/11/2023 22:50	3.8	247	13	5.1	0.00
09/11/2023 23:00	3.8	254	9	4.9	0.00
09/11/2023 23:10	4.0	255	11	5.2	0.00
09/11/2023 23:20	3.5	248	12	4.9	0.00
09/11/2023 23:30	3.4	249	13	5.0	0.00
09/11/2023 23:40	3.7	255	10	4.9	0.00
09/11/2023 23:50	3.8	256	10	5.0	0.00
10/11/2023 00:00	4.1	253	10	5.7	0.00
10/11/2023 00:10	4.1	255	10	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 00:20	4.0	254	11	5.4	0.00
10/11/2023 00:30	4.2	256	9	5.2	0.00
10/11/2023 00:40	3.9	255	9	5.0	0.00
10/11/2023 00:50	3.0	254	11	3.9	0.00
10/11/2023 01:00	2.6	254	10	3.6	0.00
10/11/2023 01:10	3.1	257	9	4.0	0.00
10/11/2023 01:20	2.8	259	9	3.6	0.00
10/11/2023 01:30	3.3	257	10	4.4	0.00
10/11/2023 01:40	3.1	256	9	4.4	0.00
10/11/2023 01:50	2.8	256	13	4.0	0.00
10/11/2023 02:00	3.2	252	12	4.7	0.00
10/11/2023 02:10	3.5	256	10	4.9	0.00
10/11/2023 02:20	3.4	255	11	4.5	0.00
10/11/2023 02:30	3.7	261	10	4.8	0.00
10/11/2023 02:40	4.1	258	9	5.3	0.00
10/11/2023 02:50	3.5	255	11	4.5	0.00
10/11/2023 03:00	3.0	255	9	3.9	0.00
10/11/2023 03:10	2.8	261	10	3.7	0.00
10/11/2023 03:20	3.1	257	11	4.1	0.00
10/11/2023 03:30	3.3	260	10	4.4	0.00
10/11/2023 03:40	3.3	260	10	4.8	0.00
10/11/2023 03:50	2.9	260	10	3.9	0.00
10/11/2023 04:00	2.3	253	13	3.6	0.00
10/11/2023 04:10	2.4	255	11	3.2	0.00
10/11/2023 04:20	2.0	254	9	3.0	0.00
10/11/2023 04:30	2.1	250	12	2.8	0.00
10/11/2023 04:40	1.9	240	12	3.2	0.00
10/11/2023 04:50	2.8	251	10	3.9	0.00
10/11/2023 05:00	3.2	249	12	4.4	0.00
10/11/2023 05:10	2.9	249	13	4.3	0.00
10/11/2023 05:20	4.2	252	11	5.8	0.00
10/11/2023 05:30	3.2	255	13	4.4	0.00
10/11/2023 05:40	2.4	259	10	3.3	0.00
10/11/2023 05:50	1.9	274	9	2.4	0.00
10/11/2023 06:00	2.0	258	11	2.8	0.00
10/11/2023 06:10	1.8	261	10	2.7	0.00
10/11/2023 06:20	2.7	257	10	3.8	0.00
10/11/2023 06:30	2.8	258	11	3.8	0.00
10/11/2023 06:40	3.1	261	11	3.9	0.00
10/11/2023 06:50	2.9	257	10	3.6	0.00
10/11/2023 07:00	2.7	263	12	3.5	0.00
10/11/2023 07:10	3.1	259	11	4.0	0.00
10/11/2023 07:20	3.5	262	9	4.4	0.00
10/11/2023 07:30	4.4	261	11	5.6	0.00
10/11/2023 07:40	4.6	256	12	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 07:50	4.8	261	10	6.5	0.00
10/11/2023 08:00	4.8	261	10	5.9	0.00
10/11/2023 08:10	4.8	262	11	6.0	0.00
10/11/2023 08:20	4.9	254	10	6.1	0.00
10/11/2023 08:30	5.0	257	9	6.2	0.00
10/11/2023 08:40	4.8	258	11	6.3	0.00
10/11/2023 08:50	5.4	261	11	6.4	0.00
10/11/2023 09:00	5.2	261	11	6.8	0.00
10/11/2023 09:10	5.7	262	9	7.0	0.00
10/11/2023 09:20	5.6	263	11	7.0	0.00
10/11/2023 09:30	5.5	269	13	7.4	0.00
10/11/2023 09:40	5.6	263	12	7.0	0.00
10/11/2023 09:50	5.8	261	10	7.5	0.00
10/11/2023 10:00	7.0	257	10	8.4	0.00
10/11/2023 10:10	6.5	263	11	8.2	0.00
10/11/2023 10:20	6.7	263	13	9.1	0.00
10/11/2023 10:30	6.8	265	12	8.4	0.00
10/11/2023 10:40	7.1	261	13	9.9	0.00
10/11/2023 10:50	7.4	259	13	9.5	0.00
10/11/2023 11:00	7.5	261	10	9.8	0.00
10/11/2023 11:10	6.8	264	13	8.7	0.00
10/11/2023 11:20	7.6	261	11	9.9	0.00
10/11/2023 11:30	7.9	262	12	10.7	0.00
10/11/2023 11:40	6.9	262	12	10.3	0.00
10/11/2023 11:50	8.2	260	13	10.9	0.00
10/11/2023 12:00	8.2	259	12	10.8	0.00
10/11/2023 12:10	7.4	263	13	9.6	0.00
10/11/2023 12:20	7.9	262	11	10.0	0.00
10/11/2023 12:30	8.1	260	11	10.2	0.00
10/11/2023 12:40	8.3	261	11	10.9	0.00
10/11/2023 12:50	8.4	262	11	10.7	0.00
10/11/2023 13:00	8.4	260	12	11.0	0.00
10/11/2023 13:10	7.8	261	12	10.5	0.00
10/11/2023 13:20	7.8	263	12	10.3	0.00
10/11/2023 13:30	7.0	264	13	9.3	0.00
10/11/2023 13:40	8.1	265	11	11.4	0.00
10/11/2023 13:50	8.6	265	13	11.1	0.00
10/11/2023 14:00	7.5	269	15	10.3	0.00
10/11/2023 14:10	7.4	265	14	10.6	0.00
10/11/2023 14:20	7.9	266	13	10.9	0.00
10/11/2023 14:30	8.1	264	11	11.3	0.00
10/11/2023 14:40	8.5	262	11	11.8	0.00
10/11/2023 14:50	8.7	262	11	11.3	0.00
10/11/2023 15:00	9.0	262	11	11.2	0.00
10/11/2023 15:10	7.2	261	13	9.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 15:20	8.3	263	9	10.8	0.00
10/11/2023 15:30	7.7	262	11	10.2	0.00
10/11/2023 15:40	6.7	259	13	9.1	0.00
10/11/2023 15:50	6.9	258	11	9.3	0.00
10/11/2023 16:00	7.2	262	12	9.7	0.00
10/11/2023 16:10	6.9	262	13	9.1	0.00
10/11/2023 16:20	7.3	265	11	9.9	0.00
10/11/2023 16:30	7.4	263	12	10.0	0.00
10/11/2023 16:40	7.3	264	12	9.7	0.00
10/11/2023 16:50	7.1	261	12	9.8	0.00
10/11/2023 17:00	7.2	259	13	10.0	0.00
10/11/2023 17:10	7.4	260	12	10.0	0.00
10/11/2023 17:20	7.6	261	11	9.3	0.00
10/11/2023 17:30	7.5	263	12	10.4	0.00
10/11/2023 17:40	6.9	260	11	9.6	0.00
10/11/2023 17:50	7.4	260	10	9.4	0.00
10/11/2023 18:00	6.5	261	13	9.1	0.00
10/11/2023 18:10	6.7	256	12	8.9	0.00
10/11/2023 18:20	6.4	264	10	8.3	0.00
10/11/2023 18:30	6.8	261	10	8.9	0.00
10/11/2023 18:40	7.0	259	11	10.4	0.00
10/11/2023 18:50	6.3	257	11	8.6	0.00
10/11/2023 19:00	5.9	258	10	8.3	0.00
10/11/2023 19:10	7.2	255	12	10.2	0.00
10/11/2023 19:20	6.4	256	12	9.5	0.00
10/11/2023 19:30	6.4	254	13	9.2	0.00
10/11/2023 19:40	6.2	255	11	8.7	0.00
10/11/2023 19:50	6.3	252	12	9.5	0.00
10/11/2023 20:00	6.6	257	11	8.7	0.00
10/11/2023 20:10	7.1	256	11	9.8	0.00
10/11/2023 20:20	6.6	258	13	9.9	0.00
10/11/2023 20:30	5.8	253	12	8.4	0.00
10/11/2023 20:40	5.8	255	12	8.2	0.00
10/11/2023 20:50	6.4	251	13	9.2	0.00
10/11/2023 21:00	6.5	254	10	8.7	0.00
10/11/2023 21:10	7.0	254	13	10.2	0.00
10/11/2023 21:20	7.2	253	10	9.8	0.00
10/11/2023 21:30	6.3	252	12	8.8	0.00
10/11/2023 21:40	6.6	254	13	10.1	0.00
10/11/2023 21:50	7.2	254	13	9.4	0.00
10/11/2023 22:00	6.5	252	11	8.7	0.00
10/11/2023 22:10	7.2	255	12	10.2	0.00
10/11/2023 22:20	7.7	253	11	9.9	0.00
10/11/2023 22:30	6.9	256	13	9.5	0.00
10/11/2023 22:40	7.1	254	12	9.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 22:50	6.7	254	12	9.3	0.00
10/11/2023 23:00	6.5	252	14	9.5	0.00
10/11/2023 23:10	6.2	252	14	8.6	0.00
10/11/2023 23:20	4.1	245	16	6.7	0.00
10/11/2023 23:30	4.3	242	15	6.0	0.00
10/11/2023 23:40	4.9	246	14	6.6	0.00
10/11/2023 23:50	5.8	246	11	7.7	0.00
11/11/2023 00:00	4.5	249	13	6.5	0.00
11/11/2023 00:10	4.2	242	13	6.5	0.00
11/11/2023 00:20	3.8	256	13	5.6	0.00
11/11/2023 00:30	5.0	255	13	6.4	0.00
11/11/2023 00:40	5.1	258	12	7.1	0.00
11/11/2023 00:50	3.9	253	11	5.7	0.00
11/11/2023 01:00	3.7	246	12	4.9	0.00
11/11/2023 01:10	3.7	250	12	5.2	0.00
11/11/2023 01:20	4.0	238	12	5.5	0.00
11/11/2023 01:30	4.3	241	12	5.6	0.00
11/11/2023 01:40	4.3	237	11	5.8	0.00
11/11/2023 01:50	5.1	243	11	6.8	0.00
11/11/2023 02:00	4.1	245	12	6.1	0.00
11/11/2023 02:10	4.4	246	12	6.4	0.00
11/11/2023 02:20	4.2	255	11	5.8	0.00
11/11/2023 02:30	4.1	251	14	5.4	0.00
11/11/2023 02:40	4.2	255	11	5.9	0.00
11/11/2023 02:50	5.2	255	10	6.9	0.00
11/11/2023 03:00	5.1	253	11	7.7	0.00
11/11/2023 03:10	5.2	255	11	7.2	0.00
11/11/2023 03:20	5.6	252	11	7.2	0.00
11/11/2023 03:30	5.2	252	11	6.6	0.00
11/11/2023 03:40	5.6	253	11	7.0	0.00
11/11/2023 03:50	5.0	258	11	6.4	0.00
11/11/2023 04:00	3.8	261	10	5.1	0.00
11/11/2023 04:10	3.4	268	13	4.8	0.00
11/11/2023 04:20	3.8	267	11	4.8	0.00
11/11/2023 04:30	4.9	260	9	6.8	0.00
11/11/2023 04:40	5.5	262	8	7.1	0.00
11/11/2023 04:50	5.2	261	11	7.3	0.00
11/11/2023 05:00	4.5	257	10	6.0	0.00
11/11/2023 05:10	5.2	255	10	6.5	0.00
11/11/2023 05:20	4.6	252	10	6.0	0.00
11/11/2023 05:30	4.4	253	10	5.6	0.00
11/11/2023 05:40	4.1	255	11	5.6	0.00
11/11/2023 05:50	3.9	255	12	5.7	0.00
11/11/2023 06:00	4.1	255	11	6.0	0.00
11/11/2023 06:10	5.3	254	10	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 06:20	5.4	254	11	7.2	0.00
11/11/2023 06:30	4.6	255	11	6.6	0.00
11/11/2023 06:40	4.6	261	10	6.2	0.00
11/11/2023 06:50	4.7	262	13	6.7	0.00
11/11/2023 07:00	4.9	262	10	6.7	0.00
11/11/2023 07:10	5.6	256	11	7.2	0.00
11/11/2023 07:20	5.6	257	11	7.5	0.00
11/11/2023 07:30	5.9	258	12	8.2	0.00
11/11/2023 07:40	6.1	257	11	8.8	0.00
11/11/2023 07:50	5.6	262	11	7.2	0.00
11/11/2023 08:00	5.8	256	11	7.9	0.00
11/11/2023 08:10	6.3	255	12	8.7	0.00
11/11/2023 08:20	5.8	261	10	8.1	0.00
11/11/2023 08:30	6.5	262	11	8.6	0.00
11/11/2023 08:40	6.3	260	12	8.4	0.00
11/11/2023 08:50	6.5	259	11	8.4	0.00
11/11/2023 09:00	6.5	257	12	9.2	0.00
11/11/2023 09:10	7.0	253	13	9.7	0.00
11/11/2023 09:20	7.5	259	10	9.9	0.00
11/11/2023 09:30	7.4	252	11	9.5	0.00
11/11/2023 09:40	6.7	257	12	8.7	0.00
11/11/2023 09:50	7.6	255	13	9.7	0.00
11/11/2023 10:00	7.0	254	13	9.6	0.00
11/11/2023 10:10	6.9	256	11	9.9	0.00
11/11/2023 10:20	6.4	259	12	8.8	0.00
11/11/2023 10:30	7.3	258	12	9.3	0.00
11/11/2023 10:40	7.9	262	12	10.3	0.00
11/11/2023 10:50	7.5	260	9	9.6	0.00
11/11/2023 11:00	7.3	259	11	9.7	0.00
11/11/2023 11:10	7.7	259	11	10.1	0.00
11/11/2023 11:20	7.7	256	10	10.2	0.00
11/11/2023 11:30	7.2	260	12	9.8	0.00
11/11/2023 11:40	7.3	258	11	9.5	0.00
11/11/2023 11:50	6.4	261	13	8.6	0.00
11/11/2023 12:00	5.1	263	14	6.7	0.00
11/11/2023 12:10	4.9	273	16	6.4	0.00
11/11/2023 12:20	6.2	263	13	7.8	0.00
11/11/2023 12:30	5.8	259	11	7.2	0.00
11/11/2023 12:40	6.3	256	12	8.3	0.00
11/11/2023 12:50	6.2	260	11	8.0	0.00
11/11/2023 13:00	6.9	262	12	9.6	0.00
11/11/2023 13:10	7.8	261	11	10.0	0.00
11/11/2023 13:20	8.0	262	11	10.7	0.00
11/11/2023 13:30	7.8	262	12	10.7	0.00
11/11/2023 13:40	7.8	262	10	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 13:50	7.6	266	13	10.2	0.00
11/11/2023 14:00	7.8	266	14	10.3	0.00
11/11/2023 14:10	7.9	263	11	10.6	0.00
11/11/2023 14:20	8.3	264	10	10.7	0.00
11/11/2023 14:30	8.2	263	12	10.8	0.00
11/11/2023 14:40	8.3	264	11	10.3	0.00
11/11/2023 14:50	6.9	260	14	9.1	0.00
11/11/2023 15:00	6.5	256	12	9.4	0.00
11/11/2023 15:10	7.6	259	11	9.9	0.00
11/11/2023 15:20	8.1	260	9	10.4	0.00
11/11/2023 15:30	8.1	260	11	11.0	0.00
11/11/2023 15:40	7.9	258	12	10.5	0.00
11/11/2023 15:50	8.0	263	11	10.7	0.00
11/11/2023 16:00	8.0	260	11	11.1	0.00
11/11/2023 16:10	8.4	262	12	11.3	0.00
11/11/2023 16:20	8.3	262	11	11.1	0.00
11/11/2023 16:30	7.5	260	10	9.6	0.00
11/11/2023 16:40	7.4	260	11	9.9	0.00
11/11/2023 16:50	7.6	254	12	10.4	0.00
11/11/2023 17:00	7.6	257	12	10.0	0.00
11/11/2023 17:10	8.2	259	11	11.0	0.00
11/11/2023 17:20	8.4	261	11	11.0	0.00
11/11/2023 17:30	7.6	255	12	10.3	0.00
11/11/2023 17:40	7.9	260	13	10.7	0.00
11/11/2023 17:50	7.8	259	11	10.9	0.00
11/11/2023 18:00	8.1	260	10	10.9	0.00
11/11/2023 18:10	8.0	259	11	10.2	0.00
11/11/2023 18:20	7.9	260	11	10.6	0.00
11/11/2023 18:30	8.1	261	10	10.5	0.00
11/11/2023 18:40	7.8	262	9	10.0	0.00
11/11/2023 18:50	8.2	258	10	9.9	0.00
11/11/2023 19:00	7.0	258	11	9.5	0.00
11/11/2023 19:10	7.3	254	11	9.6	0.00
11/11/2023 19:20	7.1	260	12	10.0	0.00
11/11/2023 19:30	7.4	252	11	10.1	0.00
11/11/2023 19:40	6.8	258	12	9.8	0.00
11/11/2023 19:50	7.4	256	11	10.5	0.00
11/11/2023 20:00	7.6	258	11	10.2	0.00
11/11/2023 20:10	7.3	258	9	10.2	0.00
11/11/2023 20:20	6.7	254	11	10.2	0.00
11/11/2023 20:30	7.0	253	12	9.8	0.00
11/11/2023 20:40	6.9	254	10	10.1	0.00
11/11/2023 20:50	7.1	253	11	9.7	0.00
11/11/2023 21:00	6.5	250	12	9.0	0.00
11/11/2023 21:10	6.6	252	12	8.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 21:20	6.7	254	11	9.0	0.00
11/11/2023 21:30	6.6	256	11	9.5	0.00
11/11/2023 21:40	6.6	253	12	9.1	0.00
11/11/2023 21:50	6.5	252	11	9.2	0.00
11/11/2023 22:00	6.7	250	12	9.4	0.00
11/11/2023 22:10	6.1	250	13	7.9	0.00
11/11/2023 22:20	6.2	252	13	8.4	0.00
11/11/2023 22:30	6.4	255	12	9.2	0.00
11/11/2023 22:40	6.0	252	11	8.5	0.00
11/11/2023 22:50	7.4	253	11	9.9	0.00
11/11/2023 23:00	6.9	253	11	9.5	0.00
11/11/2023 23:10	7.1	250	10	9.7	0.00
11/11/2023 23:20	6.5	247	12	8.9	0.00
11/11/2023 23:30	6.1	244	13	8.9	0.00
11/11/2023 23:40	6.2	246	12	8.3	0.00
11/11/2023 23:50	6.0	254	12	8.0	0.00
12/11/2023 00:00	6.3	247	12	8.4	0.00
12/11/2023 00:10	5.9	251	13	8.3	0.00
12/11/2023 00:20	6.1	254	13	8.5	0.00
12/11/2023 00:30	5.2	248	11	7.5	0.00
12/11/2023 00:40	5.1	248	11	6.9	0.00
12/11/2023 00:50	4.9	246	12	7.2	0.00
12/11/2023 01:00	5.3	247	12	7.2	0.00
12/11/2023 01:10	5.9	242	14	9.4	0.00
12/11/2023 01:20	5.3	242	11	7.3	0.00
12/11/2023 01:30	6.4	243	13	9.1	0.00
12/11/2023 01:40	6.8	242	11	9.1	0.00
12/11/2023 01:50	7.0	244	14	9.6	0.00
12/11/2023 02:00	6.7	245	11	9.3	0.00
12/11/2023 02:10	6.7	244	12	9.6	0.00
12/11/2023 02:20	6.0	244	13	8.2	0.00
12/11/2023 02:30	6.3	244	12	9.3	0.00
12/11/2023 02:40	5.4	242	12	7.7	0.00
12/11/2023 02:50	5.8	244	14	8.1	0.00
12/11/2023 03:00	5.1	241	13	7.1	0.00
12/11/2023 03:10	6.0	242	13	8.3	0.00
12/11/2023 03:20	5.9	244	11	9.2	0.00
12/11/2023 03:30	6.3	251	12	7.9	0.00
12/11/2023 03:40	6.4	245	14	8.5	0.00
12/11/2023 03:50	6.4	243	11	8.3	0.00
12/11/2023 04:00	6.6	246	14	9.2	0.00
12/11/2023 04:10	6.3	245	11	8.6	0.00
12/11/2023 04:20	5.8	247	12	7.8	0.00
12/11/2023 04:30	5.2	245	13	7.5	0.00
12/11/2023 04:40	5.4	243	11	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 04:50	4.9	240	13	7.9	0.00
12/11/2023 05:00	5.4	246	12	8.2	0.00
12/11/2023 05:10	5.4	244	12	7.5	0.00
12/11/2023 05:20	5.4	244	14	7.2	0.00
12/11/2023 05:30	4.4	246	13	6.4	0.00
12/11/2023 05:40	5.1	245	13	7.3	0.00
12/11/2023 05:50	4.9	247	13	7.4	0.00
12/11/2023 06:00	4.9	243	13	7.1	0.00
12/11/2023 06:10	4.7	243	15	6.9	0.00
12/11/2023 06:20	5.2	246	12	6.8	0.00
12/11/2023 06:30	4.3	244	14	6.9	0.00
12/11/2023 06:40	4.8	247	14	7.0	0.00
12/11/2023 06:50	4.8	248	14	7.1	0.00
12/11/2023 07:00	5.0	251	13	6.4	0.00
12/11/2023 07:10	5.1	250	13	7.2	0.00
12/11/2023 07:20	4.7	249	13	6.3	0.00
12/11/2023 07:30	5.2	256	12	7.8	0.00
12/11/2023 07:40	5.0	249	13	7.0	0.00
12/11/2023 07:50	5.3	248	13	7.1	0.00
12/11/2023 08:00	5.2	249	14	7.0	0.00
12/11/2023 08:10	5.5	257	12	7.3	0.00
12/11/2023 08:20	5.6	253	12	6.9	0.00
12/11/2023 08:30	5.3	259	11	7.2	0.00
12/11/2023 08:40	4.9	257	13	6.6	0.00
12/11/2023 08:50	5.4	254	13	7.2	0.00
12/11/2023 09:00	5.5	257	13	7.5	0.00
12/11/2023 09:10	5.4	258	12	7.9	0.00
12/11/2023 09:20	5.8	260	12	7.5	0.00
12/11/2023 09:30	6.3	262	12	8.8	0.00
12/11/2023 09:40	6.0	258	11	8.2	0.00
12/11/2023 09:50	6.6	258	12	8.4	0.00
12/11/2023 10:00	6.6	262	13	8.6	0.00
12/11/2023 10:10	6.5	260	11	8.9	0.00
12/11/2023 10:20	7.0	263	13	8.8	0.00
12/11/2023 10:30	6.9	265	13	9.1	0.00
12/11/2023 10:40	6.8	263	13	8.7	0.00
12/11/2023 10:50	7.1	260	13	9.9	0.00
12/11/2023 11:00	7.2	267	13	9.4	0.00
12/11/2023 11:10	7.4	264	13	9.6	0.00
12/11/2023 11:20	7.1	260	11	10.2	0.00
12/11/2023 11:30	7.1	261	13	9.9	0.00
12/11/2023 11:40	7.0	253	12	9.5	0.00
12/11/2023 11:50	6.9	260	11	9.5	0.00
12/11/2023 12:00	7.0	260	13	9.5	0.00
12/11/2023 12:10	6.6	266	14	9.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 12:20	6.6	259	14	9.5	0.00
12/11/2023 12:30	6.6	253	14	8.3	0.00
12/11/2023 12:40	6.8	258	13	9.4	0.00
12/11/2023 12:50	6.7	259	14	9.6	0.00
12/11/2023 13:00	6.9	256	13	9.1	0.00
12/11/2023 13:10	6.7	263	13	9.6	0.00
12/11/2023 13:20	6.8	261	13	9.7	0.00
12/11/2023 13:30	6.9	259	14	9.3	0.00
12/11/2023 13:40	7.1	257	16	9.1	0.00
12/11/2023 13:50	7.1	252	14	9.5	0.00
12/11/2023 14:00	7.3	255	12	9.4	0.00
12/11/2023 14:10	7.5	259	13	9.9	0.00
12/11/2023 14:20	7.3	259	12	9.4	0.00
12/11/2023 14:30	7.1	260	11	9.5	0.00
12/11/2023 14:40	6.7	256	13	9.5	0.00
12/11/2023 14:50	6.6	256	12	8.7	0.00
12/11/2023 15:00	6.7	258	12	8.5	0.00
12/11/2023 15:10	6.3	257	12	8.4	0.00
12/11/2023 15:20	7.0	259	11	8.9	0.00
12/11/2023 15:30	6.4	257	14	8.7	0.00
12/11/2023 15:40	6.9	254	10	9.2	0.00
12/11/2023 15:50	6.7	264	13	8.6	0.00
12/11/2023 16:00	6.4	263	12	8.4	0.00
12/11/2023 16:10	6.5	262	13	8.7	0.00
12/11/2023 16:20	6.6	264	11	8.4	0.00
12/11/2023 16:30	6.4	263	12	9.0	0.00
12/11/2023 16:40	6.0	262	13	8.5	0.00
12/11/2023 16:50	5.4	263	13	7.4	0.00
12/11/2023 17:00	5.0	266	15	6.5	0.00
12/11/2023 17:10	4.5	265	14	6.8	0.00
12/11/2023 17:20	5.1	261	11	6.8	0.00
12/11/2023 17:30	5.4	262	11	7.2	0.00
12/11/2023 17:40	5.6	263	10	7.5	0.00
12/11/2023 17:50	6.0	262	10	8.0	0.00
12/11/2023 18:00	5.8	260	10	7.9	0.00
12/11/2023 18:10	5.8	265	10	7.7	0.00
12/11/2023 18:20	5.0	267	14	6.8	0.00
12/11/2023 18:30	4.9	267	13	6.5	0.00
12/11/2023 18:40	4.5	270	12	6.6	0.00
12/11/2023 18:50	4.7	271	15	6.9	0.00
12/11/2023 19:00	5.0	274	14	7.1	0.00
12/11/2023 19:10	4.6	274	13	6.1	0.00
12/11/2023 19:20	4.9	265	15	6.8	0.00
12/11/2023 19:30	5.6	259	11	7.6	0.00
12/11/2023 19:40	5.7	260	11	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 19:50	5.7	258	11	7.7	0.00
12/11/2023 20:00	6.8	260	10	9.2	0.00
12/11/2023 20:10	6.0	256	11	8.1	0.00
12/11/2023 20:20	5.9	259	9	7.9	0.00
12/11/2023 20:30	6.2	261	10	8.6	0.00
12/11/2023 20:40	5.8	260	12	7.9	0.00
12/11/2023 20:50	5.6	256	10	8.3	0.00
12/11/2023 21:00	5.4	256	11	7.5	0.00
12/11/2023 21:10	6.6	257	10	8.7	0.00
12/11/2023 21:20	5.7	254	11	8.9	0.00
12/11/2023 21:30	5.2	259	11	7.3	0.00
12/11/2023 21:40	5.8	257	11	7.9	0.00
12/11/2023 21:50	5.8	255	11	8.0	0.00
12/11/2023 22:00	6.0	253	12	7.9	0.00
12/11/2023 22:10	5.6	255	12	7.6	0.00
12/11/2023 22:20	6.1	258	10	8.3	0.00
12/11/2023 22:30	5.9	255	11	8.1	0.00
12/11/2023 22:40	6.3	261	11	8.7	0.00
12/11/2023 22:50	6.1	256	13	8.3	0.00
12/11/2023 23:00	6.7	253	11	8.7	0.00
12/11/2023 23:10	6.1	253	11	7.8	0.00
12/11/2023 23:20	6.1	253	10	7.9	0.00
12/11/2023 23:30	6.8	254	10	8.9	0.00
12/11/2023 23:40	6.5	254	10	8.7	0.00
12/11/2023 23:50	5.3	250	11	7.1	0.00
13/11/2023 00:00	5.0	245	10	6.5	0.00
13/11/2023 00:10	5.0	247	12	6.8	0.00
13/11/2023 00:20	4.7	244	13	7.2	0.00
13/11/2023 00:30	4.6	240	11	6.8	0.00
13/11/2023 00:40	4.7	241	12	6.2	0.00
13/11/2023 00:50	4.8	244	12	6.4	0.00
13/11/2023 01:00	5.4	247	12	7.5	0.00
13/11/2023 01:10	5.2	245	13	7.0	0.00
13/11/2023 01:20	4.7	235	12	6.3	0.00
13/11/2023 01:30	5.2	240	11	6.9	0.00
13/11/2023 01:40	5.4	239	11	7.8	0.00
13/11/2023 01:50	5.3	239	12	7.6	0.00
13/11/2023 02:00	4.9	246	14	7.5	0.00
13/11/2023 02:10	4.7	244	14	7.2	0.00
13/11/2023 02:20	5.0	243	12	7.4	0.00
13/11/2023 02:30	4.4	242	14	6.5	0.00
13/11/2023 02:40	4.8	241	12	7.5	0.00
13/11/2023 02:50	4.3	244	15	6.8	0.00
13/11/2023 03:00	4.4	241	14	6.0	0.00
13/11/2023 03:10	4.4	235	13	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 03:20	4.4	236	13	6.2	0.00
13/11/2023 03:30	4.7	238	13	7.2	0.00
13/11/2023 03:40	4.6	237	12	6.4	0.00
13/11/2023 03:50	4.1	238	13	6.0	0.00
13/11/2023 04:00	3.5	238	15	5.1	0.00
13/11/2023 04:10	3.7	239	15	5.2	0.00
13/11/2023 04:20	3.4	240	12	5.1	0.00
13/11/2023 04:30	4.2	241	12	5.8	0.00
13/11/2023 04:40	3.8	236	12	5.4	0.00
13/11/2023 04:50	3.8	238	12	5.1	0.00
13/11/2023 05:00	3.4	234	14	4.9	0.00
13/11/2023 05:10	3.9	239	12	5.2	0.00
13/11/2023 05:20	3.7	234	14	5.3	0.00
13/11/2023 05:30	3.5	238	14	5.2	0.00
13/11/2023 05:40	4.0	240	12	5.2	0.00
13/11/2023 05:50	4.1	239	15	5.8	0.00
13/11/2023 06:00	4.3	239	11	6.3	0.00
13/11/2023 06:10	4.8	235	13	6.9	0.00
13/11/2023 06:20	5.0	238	14	7.5	0.00
13/11/2023 06:30	4.2	233	13	6.2	0.00
13/11/2023 06:40	5.4	234	13	7.1	0.00
13/11/2023 06:50	5.0	238	13	6.9	0.00
13/11/2023 07:00	5.3	238	13	7.2	0.00
13/11/2023 07:10	5.0	241	15	7.0	0.00
13/11/2023 07:20	6.0	240	13	8.1	0.00
13/11/2023 07:30	5.7	241	13	8.3	0.00
13/11/2023 07:40	5.4	238	13	7.9	0.00
13/11/2023 07:50	5.4	237	13	8.1	0.00
13/11/2023 08:00	5.4	231	16	7.2	0.00
13/11/2023 08:10	5.4	236	16	7.5	0.00
13/11/2023 08:20	5.1	225	13	7.4	0.00
13/11/2023 08:30	4.9	223	16	7.4	0.00
13/11/2023 08:40	4.7	223	15	6.9	0.00
13/11/2023 08:50	4.8	240	14	6.8	0.00
13/11/2023 09:00	6.1	250	14	8.0	0.00
13/11/2023 09:10	5.4	251	15	7.5	0.00
13/11/2023 09:20	5.6	255	12	6.9	0.00
13/11/2023 09:30	5.5	251	14	7.8	0.00
13/11/2023 09:40	5.7	256	13	7.5	0.00
13/11/2023 09:50	5.7	259	12	7.4	0.00
13/11/2023 10:00	5.8	259	12	7.6	0.00
13/11/2023 10:10	5.5	259	14	7.5	0.00
13/11/2023 10:20	6.1	260	11	7.8	0.00
13/11/2023 10:30	5.9	268	14	7.8	0.00
13/11/2023 10:40	5.9	268	16	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 10:50	6.5	265	13	8.6	0.00
13/11/2023 11:00	6.2	266	15	7.5	0.00
13/11/2023 11:10	6.3	267	13	8.3	0.00
13/11/2023 11:20	6.3	265	13	8.3	0.00
13/11/2023 11:30	6.5	264	13	8.2	0.00
13/11/2023 11:40	7.0	265	12	8.9	0.00
13/11/2023 11:50	6.9	266	12	8.8	0.00
13/11/2023 12:00	6.8	259	15	9.1	0.00
13/11/2023 12:10	6.7	253	13	8.7	0.00
13/11/2023 12:20	6.4	258	14	9.1	0.00
13/11/2023 12:30	6.8	256	13	8.7	0.00
13/11/2023 12:40	6.5	265	12	9.1	0.00
13/11/2023 12:50	7.0	260	12	9.3	0.00
13/11/2023 13:00	7.1	262	13	9.5	0.00
13/11/2023 13:10	7.8	260	11	10.2	0.00
13/11/2023 13:20	7.4	258	11	10.4	0.00
13/11/2023 13:30	7.8	257	11	9.6	0.00
13/11/2023 13:40	7.3	258	14	9.5	0.00
13/11/2023 13:50	8.1	259	11	10.4	0.00
13/11/2023 14:00	7.8	260	12	10.3	0.00
13/11/2023 14:10	8.1	258	11	10.7	0.00
13/11/2023 14:20	7.8	260	10	11.1	0.00
13/11/2023 14:30	8.2	266	13	10.7	0.00
13/11/2023 14:40	8.1	261	11	10.9	0.00
13/11/2023 14:50	7.7	261	13	9.9	0.00
13/11/2023 15:00	7.4	258	13	10.0	0.00
13/11/2023 15:10	7.4	255	13	10.2	0.00
13/11/2023 15:20	6.7	256	12	9.0	0.00
13/11/2023 15:30	7.9	259	12	10.1	0.00
13/11/2023 15:40	7.5	261	11	10.2	0.00
13/11/2023 15:50	7.1	262	12	9.5	0.00
13/11/2023 16:00	7.1	257	13	9.3	0.00
13/11/2023 16:10	8.0	259	11	10.7	0.00
13/11/2023 16:20	7.0	259	10	9.6	0.00
13/11/2023 16:30	7.2	256	13	9.9	0.00
13/11/2023 16:40	8.4	258	9	10.8	0.00
13/11/2023 16:50	7.1	261	11	9.4	0.00
13/11/2023 17:00	7.9	257	11	10.7	0.00
13/11/2023 17:10	7.0	256	12	9.1	0.00
13/11/2023 17:20	7.3	259	10	10.1	0.00
13/11/2023 17:30	7.1	257	11	10.7	0.00
13/11/2023 17:40	7.3	255	10	9.6	0.00
13/11/2023 17:50	7.2	255	11	9.3	0.00
13/11/2023 18:00	6.3	257	10	8.3	0.00
13/11/2023 18:10	7.2	256	11	9.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 18:20	6.6	255	12	8.5	0.00
13/11/2023 18:30	7.6	254	10	9.5	0.00
13/11/2023 18:40	7.0	252	12	8.7	0.00
13/11/2023 18:50	7.0	255	12	9.1	0.00
13/11/2023 19:00	6.7	253	11	9.1	0.00
13/11/2023 19:10	7.2	252	13	9.3	0.00
13/11/2023 19:20	6.3	252	10	7.9	0.00
13/11/2023 19:30	6.6	253	11	8.6	0.00
13/11/2023 19:40	6.2	253	10	8.7	0.00
13/11/2023 19:50	6.7	254	11	9.1	0.00
13/11/2023 20:00	6.4	254	12	8.2	0.00
13/11/2023 20:10	6.8	253	11	8.8	0.00
13/11/2023 20:20	6.2	254	11	8.1	0.00
13/11/2023 20:30	6.8	252	11	9.1	0.00
13/11/2023 20:40	6.4	252	11	8.7	0.00
13/11/2023 20:50	6.6	251	10	8.8	0.00
13/11/2023 21:00	6.3	253	11	8.4	0.00
13/11/2023 21:10	5.9	255	12	8.0	0.00
13/11/2023 21:20	6.1	253	13	8.2	0.00
13/11/2023 21:30	6.2	254	10	8.2	0.00
13/11/2023 21:40	6.3	254	11	8.9	0.00
13/11/2023 21:50	6.1	253	11	8.3	0.00
13/11/2023 22:00	6.3	253	12	8.7	0.00
13/11/2023 22:10	6.2	255	11	8.8	0.00
13/11/2023 22:20	6.2	254	11	9.5	0.00
13/11/2023 22:30	5.3	249	12	7.4	0.00
13/11/2023 22:40	4.0	239	14	6.2	0.00
13/11/2023 22:50	4.4	236	11	6.2	0.00
13/11/2023 23:00	4.4	236	14	6.8	0.00
13/11/2023 23:10	4.7	238	16	6.7	0.00
13/11/2023 23:20	4.5	241	12	6.4	0.00
13/11/2023 23:30	5.1	242	12	6.8	0.00
13/11/2023 23:40	4.6	238	14	6.8	0.00
13/11/2023 23:50	4.1	240	11	6.5	0.00
14/11/2023 00:00	4.1	243	13	6.0	0.00
14/11/2023 00:10	4.1	239	13	6.4	0.00
14/11/2023 00:20	4.4	236	13	6.7	0.00
14/11/2023 00:30	4.5	243	12	6.6	0.00
14/11/2023 00:40	5.1	245	12	7.4	0.00
14/11/2023 00:50	4.8	241	13	6.4	0.00
14/11/2023 01:00	4.7	241	12	6.4	0.00
14/11/2023 01:10	5.3	242	13	7.2	0.00
14/11/2023 01:20	5.0	248	13	7.1	0.00
14/11/2023 01:30	5.0	241	13	7.3	0.00
14/11/2023 01:40	5.3	244	13	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 01:50	4.6	241	13	6.9	0.00
14/11/2023 02:00	5.1	244	14	8.1	0.00
14/11/2023 02:10	4.9	247	15	6.8	0.00
14/11/2023 02:20	4.9	241	12	6.9	0.00
14/11/2023 02:30	5.8	245	12	8.3	0.00
14/11/2023 02:40	5.3	247	13	7.0	0.00
14/11/2023 02:50	5.4	243	13	8.1	0.00
14/11/2023 03:00	5.6	245	13	7.9	0.00
14/11/2023 03:10	5.4	245	14	7.9	0.00
14/11/2023 03:20	6.1	244	13	8.8	0.00
14/11/2023 03:30	5.4	243	12	7.5	0.00
14/11/2023 03:40	5.0	244	12	7.2	0.00
14/11/2023 03:50	5.7	244	13	8.1	0.00
14/11/2023 04:00	5.1	242	12	7.5	0.00
14/11/2023 04:10	5.1	245	12	7.5	0.00
14/11/2023 04:20	5.6	244	13	8.1	0.00
14/11/2023 04:30	5.6	244	12	7.9	0.00
14/11/2023 04:40	5.4	247	11	7.4	0.00
14/11/2023 04:50	6.0	243	12	8.4	0.00
14/11/2023 05:00	5.9	243	12	8.9	0.00
14/11/2023 05:10	5.6	248	12	8.0	0.00
14/11/2023 05:20	6.4	243	12	8.9	0.00
14/11/2023 05:30	6.3	247	12	9.5	0.00
14/11/2023 05:40	6.1	245	14	8.7	0.00
14/11/2023 05:50	5.7	245	13	8.0	0.00
14/11/2023 06:00	5.3	248	13	7.7	0.00
14/11/2023 06:10	5.9	245	13	8.4	0.00
14/11/2023 06:20	5.9	247	12	8.4	0.00
14/11/2023 06:30	6.6	244	12	9.2	0.00
14/11/2023 06:40	6.4	246	11	9.1	0.00
14/11/2023 06:50	5.7	240	14	8.6	0.00
14/11/2023 07:00	6.0	241	16	8.7	0.00
14/11/2023 07:10	5.8	241	11	8.4	0.00
14/11/2023 07:20	5.4	238	15	8.4	0.00
14/11/2023 07:30	5.4	235	15	7.3	0.00
14/11/2023 07:40	5.8	237	15	7.9	0.00
14/11/2023 07:50	5.6	237	13	7.8	0.00
14/11/2023 08:00	5.8	237	12	7.4	0.00
14/11/2023 08:10	5.9	245	11	8.7	0.00
14/11/2023 08:20	5.9	245	13	8.8	0.00
14/11/2023 08:30	5.8	252	12	7.6	0.00
14/11/2023 08:40	5.5	252	11	7.7	0.00
14/11/2023 08:50	5.8	257	12	7.9	0.00
14/11/2023 09:00	5.4	257	14	7.4	0.00
14/11/2023 09:10	5.8	255	13	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 09:20	5.8	256	12	7.7	0.00
14/11/2023 09:30	5.6	259	13	7.5	0.00
14/11/2023 09:40	6.0	258	12	7.6	0.00
14/11/2023 09:50	6.1	259	13	7.7	0.00
14/11/2023 10:00	6.1	263	14	7.5	0.00
14/11/2023 10:10	6.5	271	15	8.9	0.00
14/11/2023 10:20	6.5	267	15	8.4	0.00
14/11/2023 10:30	7.2	263	11	8.8	0.00
14/11/2023 10:40	6.8	264	12	8.9	0.00
14/11/2023 10:50	6.9	262	12	9.2	0.00
14/11/2023 11:00	7.1	265	13	9.4	0.00
14/11/2023 11:10	7.0	266	14	10.2	0.00
14/11/2023 11:20	7.2	262	13	8.8	0.00
14/11/2023 11:30	7.5	261	11	9.6	0.00
14/11/2023 11:40	7.8	261	12	10.0	0.00
14/11/2023 11:50	7.6	261	11	9.8	0.00
14/11/2023 12:00	8.2	259	13	10.7	0.00
14/11/2023 12:10	8.0	253	12	9.9	0.00
14/11/2023 12:20	8.1	254	12	10.6	0.00
14/11/2023 12:30	8.4	262	11	10.7	0.00
14/11/2023 12:40	8.1	258	13	10.6	0.00
14/11/2023 12:50	8.2	260	11	10.7	0.00
14/11/2023 13:00	8.5	259	11	10.8	0.00
14/11/2023 13:10	8.5	261	13	11.1	0.00
14/11/2023 13:20	8.5	262	12	11.1	0.00
14/11/2023 13:30	8.4	262	10	10.9	0.00
14/11/2023 13:40	8.3	257	11	10.5	0.00
14/11/2023 13:50	8.0	260	11	10.7	0.00
14/11/2023 14:00	7.7	261	12	10.0	0.00
14/11/2023 14:10	8.5	261	11	10.7	0.00
14/11/2023 14:20	8.2	257	12	10.6	0.00
14/11/2023 14:30	8.6	261	11	11.0	0.00
14/11/2023 14:40	8.2	261	12	10.8	0.00
14/11/2023 14:50	8.1	261	13	11.2	0.00
14/11/2023 15:00	8.3	261	10	10.7	0.00
14/11/2023 15:10	8.0	259	10	10.9	0.00
14/11/2023 15:20	8.5	260	11	11.4	0.00
14/11/2023 15:30	8.5	262	11	11.2	0.00
14/11/2023 15:40	8.1	261	10	10.1	0.00
14/11/2023 15:50	8.2	258	13	10.7	0.00
14/11/2023 16:00	8.1	258	11	10.2	0.00
14/11/2023 16:10	8.0	260	12	11.1	0.00
14/11/2023 16:20	7.8	258	11	10.6	0.00
14/11/2023 16:30	7.4	259	12	9.6	0.00
14/11/2023 16:40	7.4	257	11	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 16:50	7.9	259	11	10.1	0.00
14/11/2023 17:00	8.1	260	11	10.9	0.00
14/11/2023 17:10	7.7	253	12	10.4	0.00
14/11/2023 17:20	7.5	254	12	9.9	0.00
14/11/2023 17:30	7.6	258	12	10.5	0.00
14/11/2023 17:40	7.9	259	9	10.9	0.00
14/11/2023 17:50	8.1	255	13	10.3	0.00
14/11/2023 18:00	7.8	260	12	9.9	0.00
14/11/2023 18:10	7.6	255	12	10.5	0.00
14/11/2023 18:20	6.7	259	13	10.3	0.00
14/11/2023 18:30	7.2	254	11	9.9	0.00
14/11/2023 18:40	6.8	256	12	8.9	0.00
14/11/2023 18:50	7.0	253	11	10.0	0.00
14/11/2023 19:00	7.1	257	12	9.8	0.00
14/11/2023 19:10	7.5	258	11	10.6	0.00
14/11/2023 19:20	6.8	257	12	9.6	0.00
14/11/2023 19:30	6.3	257	12	8.6	0.00
14/11/2023 19:40	6.2	252	12	8.5	0.00
14/11/2023 19:50	6.9	253	12	9.8	0.00
14/11/2023 20:00	6.6	254	11	9.0	0.00
14/11/2023 20:10	6.7	250	12	9.2	0.00
14/11/2023 20:20	6.9	255	11	8.9	0.00
14/11/2023 20:30	6.7	255	12	9.2	0.00
14/11/2023 20:40	6.2	254	11	8.4	0.00
14/11/2023 20:50	6.4	250	11	9.3	0.00
14/11/2023 21:00	6.4	256	11	8.5	0.00
14/11/2023 21:10	7.3	256	10	9.9	0.00
14/11/2023 21:20	6.8	253	10	9.0	0.00
14/11/2023 21:30	6.9	254	10	9.2	0.00
14/11/2023 21:40	6.1	251	12	8.3	0.00
14/11/2023 21:50	6.1	252	11	8.7	0.00
14/11/2023 22:00	5.9	246	12	8.1	0.00
14/11/2023 22:10	5.7	252	11	7.8	0.00
14/11/2023 22:20	5.2	245	11	7.3	0.00
14/11/2023 22:30	5.2	244	11	7.5	0.00
14/11/2023 22:40	5.1	249	10	7.4	0.00
14/11/2023 22:50	4.9	243	12	6.7	0.00
14/11/2023 23:00	4.9	248	11	6.8	0.00
14/11/2023 23:10	4.8	247	12	7.2	0.00
14/11/2023 23:20	4.3	237	12	6.7	0.00
14/11/2023 23:30	4.9	240	12	7.3	0.00
14/11/2023 23:40	5.7	246	11	8.1	0.00
14/11/2023 23:50	5.3	248	12	7.9	0.00
15/11/2023 00:00	5.0	240	13	7.5	0.00
15/11/2023 00:10	5.0	245	12	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 00:20	6.2	247	12	8.4	0.00
15/11/2023 00:30	6.1	248	13	8.4	0.00
15/11/2023 00:40	5.6	248	12	7.5	0.00
15/11/2023 00:50	5.1	248	13	7.4	0.00
15/11/2023 01:00	5.8	251	14	8.0	0.00
15/11/2023 01:10	5.5	247	12	7.7	0.00
15/11/2023 01:20	5.2	247	13	7.6	0.00
15/11/2023 01:30	4.8	246	14	7.0	0.00
15/11/2023 01:40	5.8	246	12	8.1	0.00
15/11/2023 01:50	5.7	244	12	7.9	0.00
15/11/2023 02:00	5.2	246	11	7.4	0.00
15/11/2023 02:10	5.2	246	11	7.5	0.00
15/11/2023 02:20	5.7	250	12	7.9	0.00
15/11/2023 02:30	4.4	243	14	6.7	0.00
15/11/2023 02:40	5.0	251	10	6.9	0.00
15/11/2023 02:50	5.4	251	12	7.2	0.00
15/11/2023 03:00	5.2	247	12	7.3	0.00
15/11/2023 03:10	4.8	245	12	7.3	0.00
15/11/2023 03:20	5.5	249	11	7.2	0.00
15/11/2023 03:30	5.6	249	12	8.2	0.00
15/11/2023 03:40	5.5	249	12	8.4	0.00
15/11/2023 03:50	5.1	248	13	7.9	0.00
15/11/2023 04:00	4.9	249	13	7.2	0.00
15/11/2023 04:10	5.5	249	11	7.9	0.00
15/11/2023 04:20	5.6	253	11	7.7	0.00
15/11/2023 04:30	5.2	255	13	7.2	0.00
15/11/2023 04:40	5.3	251	13	7.4	0.00
15/11/2023 04:50	5.4	252	11	7.5	0.00
15/11/2023 05:00	5.6	252	10	7.5	0.00
15/11/2023 05:10	5.4	250	12	6.9	0.00
15/11/2023 05:20	5.1	250	12	7.1	0.00
15/11/2023 05:30	5.2	252	11	6.8	0.00
15/11/2023 05:40	4.9	252	13	6.2	0.00
15/11/2023 05:50	4.9	251	11	6.4	0.00
15/11/2023 06:00	5.1	251	12	6.7	0.00
15/11/2023 06:10	4.9	253	14	6.9	0.00
15/11/2023 06:20	4.9	249	13	7.0	0.00
15/11/2023 06:30	4.7	248	12	6.3	0.00
15/11/2023 06:40	4.5	244	13	6.7	0.00
15/11/2023 06:50	4.7	250	13	6.8	0.00
15/11/2023 07:00	4.9	251	12	6.8	0.00
15/11/2023 07:10	4.8	255	11	6.4	0.00
15/11/2023 07:20	5.0	254	12	6.8	0.00
15/11/2023 07:30	5.1	253	11	6.5	0.00
15/11/2023 07:40	4.6	251	12	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 07:50	4.8	256	13	6.4	0.00
15/11/2023 08:00	4.5	257	11	5.6	0.00
15/11/2023 08:10	4.5	254	12	6.4	0.00
15/11/2023 08:20	4.6	257	13	6.0	0.00
15/11/2023 08:30	4.9	252	12	6.6	0.00
15/11/2023 08:40	5.0	254	11	6.8	0.00
15/11/2023 08:50	5.4	257	11	7.2	0.00
15/11/2023 09:00	5.1	258	11	6.8	0.00
15/11/2023 09:10	5.0	259	12	7.0	0.00
15/11/2023 09:20	6.3	262	11	7.9	0.00
15/11/2023 09:30	6.6	265	10	8.4	0.00
15/11/2023 09:40	6.6	264	10	8.3	0.00
15/11/2023 09:50	6.1	267	11	8.1	0.00
15/11/2023 10:00	6.0	260	12	8.3	0.00
15/11/2023 10:10	5.9	266	15	7.8	0.00
15/11/2023 10:20	6.2	266	14	8.0	0.00
15/11/2023 10:30	6.2	261	12	8.4	0.00
15/11/2023 10:40	6.7	267	13	9.0	0.00
15/11/2023 10:50	7.3	262	9	9.5	0.00
15/11/2023 11:00	6.9	266	12	9.2	0.00
15/11/2023 11:10	6.8	265	15	8.6	0.00
15/11/2023 11:20	6.3	263	13	8.7	0.00
15/11/2023 11:30	7.4	265	12	9.3	0.00
15/11/2023 11:40	7.0	262	12	9.2	0.00
15/11/2023 11:50	7.6	261	10	9.5	0.00
15/11/2023 12:00	7.9	262	11	10.3	0.00
15/11/2023 12:10	8.0	261	10	10.4	0.00
15/11/2023 12:20	7.2	260	14	9.2	0.00
15/11/2023 12:30	7.5	260	12	10.2	0.00
15/11/2023 12:40	8.0	264	12	9.7	0.00
15/11/2023 12:50	7.6	258	13	9.4	0.00
15/11/2023 13:00	8.1	256	12	10.2	0.00
15/11/2023 13:10	8.5	260	12	11.2	0.00
15/11/2023 13:20	8.0	263	12	10.5	0.00
15/11/2023 13:30	7.5	264	13	10.0	0.00
15/11/2023 13:40	7.7	259	11	10.4	0.00
15/11/2023 13:50	8.3	262	12	11.5	0.00
15/11/2023 14:00	8.0	262	11	11.5	0.00
15/11/2023 14:10	8.5	263	11	11.6	0.00
15/11/2023 14:20	8.1	266	12	10.5	0.00
15/11/2023 14:30	8.2	262	11	11.1	0.00
15/11/2023 14:40	8.2	263	10	10.7	0.00
15/11/2023 14:50	8.8	264	10	11.9	0.00
15/11/2023 15:00	8.0	262	11	10.4	0.00
15/11/2023 15:10	9.1	262	11	11.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 15:20	8.9	264	11	11.3	0.00
15/11/2023 15:30	8.4	261	11	12.0	0.00
15/11/2023 15:40	8.8	261	13	11.7	0.00
15/11/2023 15:50	8.8	263	10	11.6	0.00
15/11/2023 16:00	8.9	261	9	12.1	0.00
15/11/2023 16:10	8.2	262	10	10.9	0.00
15/11/2023 16:20	9.0	260	11	11.9	0.00
15/11/2023 16:30	8.8	264	11	11.3	0.00
15/11/2023 16:40	8.7	261	11	11.2	0.00
15/11/2023 16:50	8.6	259	10	11.1	0.00
15/11/2023 17:00	7.5	263	11	9.7	0.00
15/11/2023 17:10	7.8	259	11	9.9	0.00
15/11/2023 17:20	8.2	259	10	10.7	0.00
15/11/2023 17:30	8.1	257	11	11.3	0.00
15/11/2023 17:40	7.4	258	12	10.3	0.00
15/11/2023 17:50	6.8	258	9	9.4	0.00
15/11/2023 18:00	7.3	257	12	9.5	0.00
15/11/2023 18:10	7.3	258	12	9.5	0.00
15/11/2023 18:20	7.4	261	9	9.8	0.00
15/11/2023 18:30	6.8	259	11	9.3	0.00
15/11/2023 18:40	7.0	259	12	8.8	0.00
15/11/2023 18:50	6.6	261	10	8.6	0.00
15/11/2023 19:00	6.7	260	11	8.7	0.00
15/11/2023 19:10	6.6	258	11	8.8	0.00
15/11/2023 19:20	6.7	259	10	8.7	0.00
15/11/2023 19:30	6.6	261	11	8.4	0.00
15/11/2023 19:40	6.0	253	10	7.9	0.00
15/11/2023 19:50	6.0	257	11	8.2	0.00
15/11/2023 20:00	6.1	257	12	7.9	0.00
15/11/2023 20:10	5.8	256	11	7.8	0.00
15/11/2023 20:20	6.4	253	11	8.8	0.00
15/11/2023 20:30	6.1	255	11	7.9	0.00
15/11/2023 20:40	6.5	250	11	9.2	0.00
15/11/2023 20:50	6.7	256	10	8.9	0.00
15/11/2023 21:00	7.3	251	12	9.9	0.00
15/11/2023 21:10	7.2	253	12	9.7	0.00
15/11/2023 21:20	6.7	253	11	9.1	0.00
15/11/2023 21:30	6.0	251	13	8.3	0.00
15/11/2023 21:40	5.8	246	13	8.5	0.00
15/11/2023 21:50	6.3	256	11	9.3	0.00
15/11/2023 22:00	6.2	255	10	9.0	0.00
15/11/2023 22:10	7.3	254	11	9.8	0.00
15/11/2023 22:20	6.7	255	11	8.8	0.00
15/11/2023 22:30	6.8	254	10	8.9	0.00
15/11/2023 22:40	6.9	254	12	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 22:50	6.5	252	11	8.3	0.00
15/11/2023 23:00	5.8	255	11	7.8	0.00
15/11/2023 23:10	5.8	253	11	8.7	0.00
15/11/2023 23:20	6.5	252	9	8.4	0.00
15/11/2023 23:30	6.1	254	11	7.9	0.00
15/11/2023 23:40	5.7	249	13	7.6	0.00
15/11/2023 23:50	5.6	251	11	7.6	0.00
16/11/2023 00:00	5.4	252	12	7.1	0.00
16/11/2023 00:10	5.2	250	12	6.8	0.00
16/11/2023 00:20	5.9	247	12	8.0	0.00
16/11/2023 00:30	6.8	254	10	9.0	0.00
16/11/2023 00:40	6.5	251	11	9.1	0.00
16/11/2023 00:50	7.2	252	11	9.7	0.00
16/11/2023 01:00	6.6	253	13	9.0	0.00
16/11/2023 01:10	7.2	251	12	9.8	0.00
16/11/2023 01:20	6.5	247	13	8.5	0.00
16/11/2023 01:30	5.6	238	13	8.1	0.00
16/11/2023 01:40	5.8	243	13	8.1	0.00
16/11/2023 01:50	5.3	247	13	7.7	0.00
16/11/2023 02:00	5.5	249	12	7.6	0.00
16/11/2023 02:10	6.3	250	11	8.9	0.00
16/11/2023 02:20	6.6	254	12	9.0	0.00
16/11/2023 02:30	5.8	249	12	7.8	0.00
16/11/2023 02:40	5.6	249	12	7.9	0.00
16/11/2023 02:50	6.2	245	12	8.4	0.00
16/11/2023 03:00	5.6	248	12	7.5	0.00
16/11/2023 03:10	5.7	247	13	8.1	0.00
16/11/2023 03:20	6.3	244	13	8.7	0.00
16/11/2023 03:30	5.9	244	13	8.7	0.00
16/11/2023 03:40	5.7	245	12	8.9	0.00
16/11/2023 03:50	5.7	246	12	8.0	0.00
16/11/2023 04:00	5.9	242	12	8.4	0.00
16/11/2023 04:10	4.3	240	14	7.0	0.00
16/11/2023 04:20	5.1	244	12	6.8	0.00
16/11/2023 04:30	4.4	250	13	6.4	0.00
16/11/2023 04:40	3.9	247	14	5.8	0.00
16/11/2023 04:50	5.2	247	13	7.6	0.00
16/11/2023 05:00	5.2	246	13	7.2	0.00
16/11/2023 05:10	4.1	240	12	5.9	0.00
16/11/2023 05:20	3.8	249	12	5.1	0.00
16/11/2023 05:30	4.4	249	13	6.2	0.00
16/11/2023 05:40	4.6	244	13	6.2	0.00
16/11/2023 05:50	4.6	244	11	6.4	0.00
16/11/2023 06:00	5.4	246	12	7.7	0.00
16/11/2023 06:10	5.6	243	12	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 06:20	5.0	244	11	7.1	0.00
16/11/2023 06:30	5.6	246	12	7.5	0.00
16/11/2023 06:40	5.3	243	10	7.6	0.00
16/11/2023 06:50	5.9	247	12	7.6	0.00
16/11/2023 07:00	6.2	246	13	8.3	0.00
16/11/2023 07:10	6.1	249	14	7.7	0.00
16/11/2023 07:20	5.9	244	12	8.2	0.00
16/11/2023 07:30	5.4	251	12	7.2	0.00
16/11/2023 07:40	5.4	252	11	7.0	0.00
16/11/2023 07:50	5.1	251	12	6.8	0.00
16/11/2023 08:00	5.3	251	12	6.8	0.00
16/11/2023 08:10	5.0	254	12	6.6	0.00
16/11/2023 08:20	5.2	252	12	7.0	0.00
16/11/2023 08:30	4.4	250	14	5.8	0.00
16/11/2023 08:40	5.0	257	14	6.3	0.00
16/11/2023 08:50	5.1	265	14	6.8	0.00
16/11/2023 09:00	6.0	262	12	7.6	0.00
16/11/2023 09:10	5.8	258	10	7.4	0.00
16/11/2023 09:20	6.5	260	11	8.3	0.00
16/11/2023 09:30	6.3	259	9	8.3	0.00
16/11/2023 09:40	6.2	257	11	8.1	0.00
16/11/2023 09:50	6.5	260	12	8.4	0.00
16/11/2023 10:00	6.5	257	10	8.3	0.00
16/11/2023 10:10	6.1	259	11	8.1	0.00
16/11/2023 10:20	6.2	258	10	7.7	0.00
16/11/2023 10:30	6.7	263	13	9.2	0.00
16/11/2023 10:40	6.7	259	12	8.7	0.00
16/11/2023 10:50	7.1	258	13	8.8	0.00
16/11/2023 11:00	6.7	263	13	8.8	0.00
16/11/2023 11:10	6.4	265	13	8.7	0.00
16/11/2023 11:20	6.7	265	15	8.3	0.00
16/11/2023 11:30	6.9	264	12	8.6	0.00
16/11/2023 11:40	6.4	264	12	8.0	0.00
16/11/2023 11:50	7.2	256	11	9.2	0.00
16/11/2023 12:00	7.2	255	11	9.1	0.00
16/11/2023 12:10	7.0	257	10	9.3	0.00
16/11/2023 12:20	7.0	258	12	9.3	0.00
16/11/2023 12:30	7.6	259	11	9.6	0.00
16/11/2023 12:40	7.2	261	11	9.1	0.00
16/11/2023 12:50	7.3	264	11	9.1	0.00
16/11/2023 13:00	7.0	264	13	9.4	0.00
16/11/2023 13:10	6.3	260	13	8.4	0.00
16/11/2023 13:20	6.6	260	12	8.3	0.00
16/11/2023 13:30	7.1	250	12	9.7	0.00
16/11/2023 13:40	7.1	254	12	9.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 13:50	6.3	256	13	8.9	0.00
16/11/2023 14:00	7.2	245	11	9.6	0.00
16/11/2023 14:10	6.6	247	12	9.5	0.00
16/11/2023 14:20	6.6	246	13	8.9	0.00
16/11/2023 14:30	6.6	249	12	9.3	0.00
16/11/2023 14:40	6.4	250	12	8.7	0.00
16/11/2023 14:50	6.9	249	12	8.8	0.00
16/11/2023 15:00	6.2	253	14	9.0	0.00
16/11/2023 15:10	6.5	254	12	9.1	0.00
16/11/2023 15:20	6.8	255	12	9.3	0.00
16/11/2023 15:30	7.5	259	13	9.4	0.00
16/11/2023 15:40	7.1	260	12	9.9	0.00
16/11/2023 15:50	7.4	261	10	9.8	0.00
16/11/2023 16:00	8.5	262	10	10.6	0.00
16/11/2023 16:10	8.1	263	10	10.5	0.00
16/11/2023 16:20	7.7	264	12	10.5	0.00
16/11/2023 16:30	7.8	263	11	10.1	0.00
16/11/2023 16:40	7.5	261	12	9.9	0.00
16/11/2023 16:50	8.2	261	10	9.9	0.00
16/11/2023 17:00	7.9	261	10	10.7	0.00
16/11/2023 17:10	7.7	260	13	10.0	0.00
16/11/2023 17:20	7.0	260	11	9.1	0.00
16/11/2023 17:30	7.5	260	11	9.9	0.00
16/11/2023 17:40	7.1	259	10	9.8	0.00
16/11/2023 17:50	6.4	255	13	8.7	0.00
16/11/2023 18:00	6.0	258	11	7.9	0.00
16/11/2023 18:10	6.5	257	10	8.7	0.00
16/11/2023 18:20	6.1	256	10	8.6	0.00
16/11/2023 18:30	6.3	260	11	8.3	0.00
16/11/2023 18:40	5.9	252	12	7.5	0.00
16/11/2023 18:50	5.4	253	12	7.5	0.00
16/11/2023 19:00	5.7	254	11	7.6	0.00
16/11/2023 19:10	6.5	256	9	8.2	0.00
16/11/2023 19:20	6.1	255	11	8.6	0.00
16/11/2023 19:30	6.3	258	12	8.7	0.00
16/11/2023 19:40	6.9	260	10	8.7	0.00
16/11/2023 19:50	6.1	256	10	8.3	0.00
16/11/2023 20:00	6.9	255	9	9.1	0.00
16/11/2023 20:10	7.1	254	10	9.2	0.00
16/11/2023 20:20	6.8	253	10	9.1	0.00
16/11/2023 20:30	6.5	252	11	8.3	0.00
16/11/2023 20:40	7.0	252	10	9.5	0.00
16/11/2023 20:50	6.5	253	11	8.6	0.00
16/11/2023 21:00	6.7	253	10	9.1	0.00
16/11/2023 21:10	6.0	251	10	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 21:20	6.7	254	11	9.0	0.00
16/11/2023 21:30	6.6	257	10	8.2	0.00
16/11/2023 21:40	6.1	252	11	7.9	0.00
16/11/2023 21:50	6.8	252	11	8.7	0.00
16/11/2023 22:00	6.2	256	9	8.4	0.00
16/11/2023 22:10	6.5	250	11	8.5	0.00
16/11/2023 22:20	6.1	254	10	7.9	0.00
16/11/2023 22:30	5.9	251	12	8.6	0.00
16/11/2023 22:40	6.2	253	12	8.1	0.00
16/11/2023 22:50	6.1	253	10	8.1	0.00
16/11/2023 23:00	5.7	253	11	7.8	0.00
16/11/2023 23:10	6.1	254	9	8.0	0.00
16/11/2023 23:20	5.6	251	11	7.2	0.00
16/11/2023 23:30	5.5	250	11	7.7	0.00
16/11/2023 23:40	5.1	251	12	6.6	0.00
16/11/2023 23:50	4.7	254	12	7.0	0.00
17/11/2023 00:00	4.3	244	13	6.0	0.00
17/11/2023 00:10	4.6	245	13	7.3	0.00
17/11/2023 00:20	5.0	247	13	7.5	0.00
17/11/2023 00:30	4.8	249	12	7.2	0.00
17/11/2023 00:40	5.2	251	12	7.4	0.00
17/11/2023 00:50	6.1	253	13	7.9	0.00
17/11/2023 01:00	5.6	253	12	7.3	0.00
17/11/2023 01:10	5.9	249	13	8.7	0.00
17/11/2023 01:20	6.1	252	11	8.6	0.00
17/11/2023 01:30	5.9	252	12	8.1	0.00
17/11/2023 01:40	5.9	246	13	8.6	0.00
17/11/2023 01:50	5.8	247	14	8.4	0.00
17/11/2023 02:00	5.2	242	12	7.6	0.00
17/11/2023 02:10	5.3	244	13	7.6	0.00
17/11/2023 02:20	6.2	252	11	7.9	0.00
17/11/2023 02:30	5.5	253	13	7.9	0.00
17/11/2023 02:40	6.2	253	11	7.8	0.00
17/11/2023 02:50	5.6	252	12	8.0	0.00
17/11/2023 03:00	6.4	255	10	8.3	0.00
17/11/2023 03:10	5.5	252	12	8.2	0.00
17/11/2023 03:20	4.6	249	14	6.8	0.00
17/11/2023 03:30	5.0	252	14	6.9	0.00
17/11/2023 03:40	5.6	255	10	8.1	0.00
17/11/2023 03:50	5.0	253	11	7.2	0.00
17/11/2023 04:00	4.3	247	15	6.8	0.00
17/11/2023 04:10	4.2	251	11	5.5	0.00
17/11/2023 04:20	4.5	249	13	6.4	0.00
17/11/2023 04:30	4.8	255	11	6.7	0.00
17/11/2023 04:40	5.0	256	10	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 04:50	5.4	252	13	7.5	0.00
17/11/2023 05:00	5.8	258	11	8.1	0.00
17/11/2023 05:10	6.6	254	10	8.4	0.00
17/11/2023 05:20	5.6	253	11	7.5	0.00
17/11/2023 05:30	5.8	252	11	7.6	0.00
17/11/2023 05:40	5.5	252	11	7.9	0.00
17/11/2023 05:50	5.0	252	12	7.2	0.00
17/11/2023 06:00	4.6	251	12	6.6	0.00
17/11/2023 06:10	5.7	253	11	7.5	0.00
17/11/2023 06:20	5.6	251	12	7.8	0.00
17/11/2023 06:30	5.8	257	11	8.6	0.00
17/11/2023 06:40	5.6	254	12	7.3	0.00
17/11/2023 06:50	5.7	247	14	8.0	0.00
17/11/2023 07:00	5.6	247	11	8.0	0.00
17/11/2023 07:10	6.1	242	12	8.1	0.00
17/11/2023 07:20	6.7	253	11	8.7	0.00
17/11/2023 07:30	6.3	250	12	8.2	0.00
17/11/2023 07:40	6.2	254	12	7.9	0.00
17/11/2023 07:50	6.3	249	12	8.3	0.00
17/11/2023 08:00	5.2	245	15	7.6	0.00
17/11/2023 08:10	5.5	251	13	7.5	0.00
17/11/2023 08:20	5.4	246	12	7.1	0.00
17/11/2023 08:30	4.6	248	14	6.5	0.00
17/11/2023 08:40	4.9	243	15	7.1	0.00
17/11/2023 08:50	4.8	250	15	6.3	0.00
17/11/2023 09:00	5.6	251	13	7.0	0.00
17/11/2023 09:10	5.5	258	12	7.1	0.00
17/11/2023 09:20	5.6	261	12	7.8	0.00
17/11/2023 09:30	5.6	261	12	7.5	0.00
17/11/2023 09:40	6.5	264	12	8.3	0.00
17/11/2023 09:50	6.1	261	12	8.3	0.00
17/11/2023 10:00	6.2	265	16	8.7	0.00
17/11/2023 10:10	6.9	259	11	9.2	0.00
17/11/2023 10:20	7.1	261	12	9.4	0.00
17/11/2023 10:30	6.8	259	13	9.7	0.00
17/11/2023 10:40	7.2	262	12	9.9	0.00
17/11/2023 10:50	7.1	258	14	9.9	0.00
17/11/2023 11:00	7.6	260	11	10.4	0.00
17/11/2023 11:10	7.5	257	14	9.9	0.00
17/11/2023 11:20	7.5	263	13	9.5	0.00
17/11/2023 11:30	7.9	261	11	10.2	0.00
17/11/2023 11:40	7.6	264	11	10.5	0.00
17/11/2023 11:50	7.5	260	12	10.0	0.00
17/11/2023 12:00	7.5	263	12	10.2	0.00
17/11/2023 12:10	7.7	262	11	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 12:20	7.8	263	14	10.0	0.00
17/11/2023 12:30	7.5	262	13	9.9	0.00
17/11/2023 12:40	7.0	265	13	9.1	0.00
17/11/2023 12:50	6.8	266	14	9.5	0.00
17/11/2023 13:00	7.1	264	11	9.7	0.00
17/11/2023 13:10	7.5	261	9	10.0	0.00
17/11/2023 13:20	8.1	261	9	10.2	0.00
17/11/2023 13:30	7.6	258	12	10.6	0.00
17/11/2023 13:40	7.5	265	14	9.9	0.00
17/11/2023 13:50	6.9	268	14	10.1	0.00
17/11/2023 14:00	6.6	266	13	9.2	0.00
17/11/2023 14:10	7.2	264	13	9.9	0.00
17/11/2023 14:20	6.6	265	13	9.8	0.00
17/11/2023 14:30	7.1	258	11	9.2	0.00
17/11/2023 14:40	7.6	260	11	9.9	0.00
17/11/2023 14:50	6.9	258	12	9.2	0.00
17/11/2023 15:00	7.0	256	11	9.4	0.00
17/11/2023 15:10	7.2	261	12	9.7	0.00
17/11/2023 15:20	6.5	263	11	8.5	0.00
17/11/2023 15:30	7.1	263	10	9.1	0.00
17/11/2023 15:40	7.2	260	9	8.9	0.00
17/11/2023 15:50	7.6	260	10	9.5	0.00
17/11/2023 16:00	8.2	262	10	10.1	0.00
17/11/2023 16:10	7.8	260	10	10.6	0.00
17/11/2023 16:20	7.4	259	11	9.5	0.00
17/11/2023 16:30	7.4	263	9	9.5	0.00
17/11/2023 16:40	7.4	262	11	9.7	0.00
17/11/2023 16:50	7.8	260	8	9.9	0.00
17/11/2023 17:00	8.1	260	10	10.5	0.00
17/11/2023 17:10	7.7	260	10	10.0	0.00
17/11/2023 17:20	7.9	261	9	10.0	0.00
17/11/2023 17:30	7.5	261	10	9.9	0.00
17/11/2023 17:40	8.1	261	10	10.2	0.00
17/11/2023 17:50	7.7	260	9	10.0	0.00
17/11/2023 18:00	7.2	260	10	9.5	0.00
17/11/2023 18:10	7.6	261	9	9.8	0.00
17/11/2023 18:20	6.3	266	13	8.4	0.00
17/11/2023 18:30	6.3	264	10	8.6	0.00
17/11/2023 18:40	6.0	267	11	8.3	0.00
17/11/2023 18:50	5.4	264	11	7.5	0.00
17/11/2023 19:00	5.9	261	11	7.9	0.00
17/11/2023 19:10	5.4	265	12	7.2	0.00
17/11/2023 19:20	6.6	261	8	8.4	0.00
17/11/2023 19:30	7.4	260	9	9.5	0.00
17/11/2023 19:40	7.3	261	9	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 19:50	7.2	262	9	9.1	0.00
17/11/2023 20:00	7.6	262	9	9.4	0.00
17/11/2023 20:10	7.2	261	9	9.4	0.00
17/11/2023 20:20	7.3	262	9	9.5	0.00
17/11/2023 20:30	7.3	261	9	8.7	0.00
17/11/2023 20:40	7.2	260	9	9.0	0.00
17/11/2023 20:50	7.7	262	10	9.9	0.00
17/11/2023 21:00	7.6	261	10	9.9	0.00
17/11/2023 21:10	7.2	260	10	9.1	0.00
17/11/2023 21:20	7.1	256	10	8.7	0.00
17/11/2023 21:30	6.6	254	10	8.9	0.00
17/11/2023 21:40	6.4	258	10	8.5	0.00
17/11/2023 21:50	7.0	256	10	8.7	0.00
17/11/2023 22:00	6.6	253	10	9.1	0.00
17/11/2023 22:10	7.0	253	10	9.1	0.00
17/11/2023 22:20	5.6	255	11	7.5	0.00
17/11/2023 22:30	5.8	257	11	7.5	0.00
17/11/2023 22:40	6.3	257	10	8.8	0.00
17/11/2023 22:50	6.1	256	11	8.0	0.00
17/11/2023 23:00	6.0	254	13	8.4	0.00
17/11/2023 23:10	5.2	252	12	7.2	0.00
17/11/2023 23:20	5.9	250	10	8.2	0.00
17/11/2023 23:30	5.2	254	12	7.3	0.00
17/11/2023 23:40	6.2	255	11	8.7	0.00
17/11/2023 23:50	5.2	255	11	7.2	0.00
18/11/2023 00:00	5.0	251	13	7.2	0.00
18/11/2023 00:10	5.6	252	11	7.5	0.00
18/11/2023 00:20	4.1	241	13	5.7	0.00
18/11/2023 00:30	4.1	241	12	6.3	0.00
18/11/2023 00:40	4.2	241	13	6.4	0.00
18/11/2023 00:50	4.5	241	13	6.1	0.00
18/11/2023 01:00	4.7	244	11	6.6	0.00
18/11/2023 01:10	4.5	244	12	6.2	0.00
18/11/2023 01:20	4.5	248	12	6.1	0.00
18/11/2023 01:30	5.1	244	12	7.0	0.00
18/11/2023 01:40	5.4	249	12	7.5	0.00
18/11/2023 01:50	5.9	246	11	8.3	0.00
18/11/2023 02:00	5.4	245	14	7.7	0.00
18/11/2023 02:10	6.0	243	12	8.2	0.00
18/11/2023 02:20	5.9	244	11	8.0	0.00
18/11/2023 02:30	5.2	243	12	7.9	0.00
18/11/2023 02:40	5.2	241	11	7.8	0.00
18/11/2023 02:50	4.4	241	13	6.4	0.00
18/11/2023 03:00	5.0	243	12	7.0	0.00
18/11/2023 03:10	5.0	246	10	7.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 03:20	5.1	242	12	6.9	0.00
18/11/2023 03:30	5.4	245	12	6.8	0.00
18/11/2023 03:40	4.8	243	10	7.1	0.00
18/11/2023 03:50	5.0	245	12	7.5	0.00
18/11/2023 04:00	5.4	247	11	7.7	0.00
18/11/2023 04:10	5.0	246	12	6.7	0.00
18/11/2023 04:20	5.1	242	10	7.2	0.00
18/11/2023 04:30	5.2	244	12	7.5	0.00
18/11/2023 04:40	5.2	243	11	7.1	0.00
18/11/2023 04:50	5.4	241	11	7.2	0.00
18/11/2023 05:00	5.0	245	12	7.2	0.00
18/11/2023 05:10	5.6	242	11	7.7	0.00
18/11/2023 05:20	5.3	242	11	7.2	0.00
18/11/2023 05:30	5.2	247	10	7.2	0.00
18/11/2023 05:40	4.9	244	13	7.0	0.00
18/11/2023 05:50	4.6	249	12	6.5	0.00
18/11/2023 06:00	5.4	244	13	7.6	0.00
18/11/2023 06:10	5.1	246	11	7.2	0.00
18/11/2023 06:20	5.3	246	12	7.5	0.00
18/11/2023 06:30	5.4	243	11	7.5	0.00
18/11/2023 06:40	4.8	249	13	6.6	0.00
18/11/2023 06:50	5.7	252	11	8.3	0.00
18/11/2023 07:00	5.7	251	12	7.4	0.00
18/11/2023 07:10	6.0	253	12	7.6	0.00
18/11/2023 07:20	6.1	254	10	7.8	0.00
18/11/2023 07:30	5.7	251	12	7.8	0.00
18/11/2023 07:40	5.6	253	11	7.4	0.00
18/11/2023 07:50	5.5	252	11	7.2	0.00
18/11/2023 08:00	5.3	254	11	7.0	0.00
18/11/2023 08:10	4.7	256	12	6.3	0.00
18/11/2023 08:20	4.9	253	13	6.8	0.00
18/11/2023 08:30	5.4	258	11	7.0	0.00
18/11/2023 08:40	4.9	263	12	6.2	0.00
18/11/2023 08:50	5.5	263	10	7.1	0.00
18/11/2023 09:00	5.2	265	14	6.7	0.00
18/11/2023 09:10	5.5	263	12	7.3	0.00
18/11/2023 09:20	5.6	263	12	7.1	0.00
18/11/2023 09:30	5.3	258	12	6.9	0.00
18/11/2023 09:40	5.5	270	14	7.2	0.00
18/11/2023 09:50	5.4	263	13	7.3	0.00
18/11/2023 10:00	5.7	258	14	7.5	0.00
18/11/2023 10:10	5.7	270	13	7.7	0.00
18/11/2023 10:20	5.6	273	15	7.7	0.00
18/11/2023 10:30	6.1	269	14	7.7	0.00
18/11/2023 10:40	6.3	261	12	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 10:50	6.4	266	12	8.3	0.00
18/11/2023 11:00	6.4	269	15	8.3	0.00
18/11/2023 11:10	6.7	264	12	8.5	0.00
18/11/2023 11:20	6.3	265	12	8.3	0.00
18/11/2023 11:30	6.6	265	12	8.9	0.00
18/11/2023 11:40	6.4	268	14	8.3	0.00
18/11/2023 11:50	6.9	269	15	9.1	0.00
18/11/2023 12:00	7.5	264	10	9.2	0.00
18/11/2023 12:10	6.8	261	12	8.9	0.00
18/11/2023 12:20	7.3	259	11	9.2	0.00
18/11/2023 12:30	7.2	258	11	9.9	0.00
18/11/2023 12:40	7.3	259	10	9.5	0.00
18/11/2023 12:50	7.5	261	10	9.5	0.00
18/11/2023 13:00	6.9	262	13	8.8	0.00
18/11/2023 13:10	7.1	257	12	8.9	0.00
18/11/2023 13:20	7.3	253	10	9.0	0.00
18/11/2023 13:30	7.5	252	10	9.4	0.00
18/11/2023 13:40	6.8	247	11	9.2	0.00
18/11/2023 13:50	6.3	252	12	8.0	0.00
18/11/2023 14:00	6.5	256	13	9.0	0.00
18/11/2023 14:10	6.7	259	14	9.7	0.00
18/11/2023 14:20	6.7	260	11	9.5	0.00
18/11/2023 14:30	6.5	254	13	8.9	0.00
18/11/2023 14:40	6.5	260	12	9.6	0.00
18/11/2023 14:50	6.6	262	12	8.6	0.00
18/11/2023 15:00	6.6	263	11	8.6	0.00
18/11/2023 15:10	7.5	262	10	9.8	0.00
18/11/2023 15:20	6.9	263	10	9.3	0.00
18/11/2023 15:30	7.2	264	11	9.0	0.00
18/11/2023 15:40	6.4	262	12	8.5	0.00
18/11/2023 15:50	6.1	262	14	8.5	0.00
18/11/2023 16:00	5.6	261	12	7.6	0.00
18/11/2023 16:10	5.8	265	11	7.5	0.00
18/11/2023 16:20	6.2	259	12	8.1	0.00
18/11/2023 16:30	6.1	261	11	7.9	0.00
18/11/2023 16:40	5.4	259	12	7.3	0.00
18/11/2023 16:50	6.0	260	13	7.6	0.00
18/11/2023 17:00	6.5	263	12	8.9	0.00
18/11/2023 17:10	6.7	261	10	9.1	0.00
18/11/2023 17:20	6.5	262	11	8.6	0.00
18/11/2023 17:30	6.2	259	12	7.9	0.00
18/11/2023 17:40	6.2	256	11	7.7	0.00
18/11/2023 17:50	6.8	259	11	8.7	0.00
18/11/2023 18:00	5.9	261	11	7.4	0.00
18/11/2023 18:10	5.8	260	12	7.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 18:20	5.7	257	10	7.7	0.00
18/11/2023 18:30	5.5	254	12	7.5	0.00
18/11/2023 18:40	5.0	261	12	6.8	0.00
18/11/2023 18:50	5.3	251	12	7.1	0.00
18/11/2023 19:00	4.9	254	11	7.0	0.00
18/11/2023 19:10	4.8	255	12	6.8	0.00
18/11/2023 19:20	4.5	254	12	6.3	0.00
18/11/2023 19:30	4.7	256	12	6.8	0.00
18/11/2023 19:40	4.7	256	11	6.1	0.00
18/11/2023 19:50	5.2	255	12	7.2	0.00
18/11/2023 20:00	5.8	254	10	7.5	0.00
18/11/2023 20:10	5.1	252	10	6.8	0.00
18/11/2023 20:20	5.1	255	10	6.6	0.00
18/11/2023 20:30	4.2	252	10	6.0	0.00
18/11/2023 20:40	5.6	255	9	6.9	0.00
18/11/2023 20:50	5.4	258	12	7.2	0.00
18/11/2023 21:00	5.1	256	10	6.8	0.00
18/11/2023 21:10	4.9	254	11	6.4	0.00
18/11/2023 21:20	4.7	255	10	7.1	0.00
18/11/2023 21:30	4.9	257	11	6.5	0.00
18/11/2023 21:40	5.5	260	9	7.9	0.00
18/11/2023 21:50	5.6	253	9	7.3	0.00
18/11/2023 22:00	5.0	256	11	6.9	0.00
18/11/2023 22:10	5.5	257	10	7.2	0.00
18/11/2023 22:20	5.9	252	10	7.8	0.00
18/11/2023 22:30	5.8	255	11	7.5	0.00
18/11/2023 22:40	4.8	251	10	6.9	0.00
18/11/2023 22:50	5.2	253	10	7.2	0.00
18/11/2023 23:00	4.7	254	10	6.4	0.00
18/11/2023 23:10	5.0	256	10	6.7	0.00
18/11/2023 23:20	4.7	256	10	6.0	0.00
18/11/2023 23:30	4.5	257	11	5.8	0.00
18/11/2023 23:40	4.8	257	10	6.2	0.00
18/11/2023 23:50	4.9	256	10	6.4	0.00
19/11/2023 00:00	4.9	257	12	6.4	0.00
19/11/2023 00:10	4.4	258	12	6.3	0.00
19/11/2023 00:20	4.6	254	10	6.3	0.00
19/11/2023 00:30	5.0	254	9	7.0	0.00
19/11/2023 00:40	5.4	253	9	7.5	0.00
19/11/2023 00:50	4.9	252	10	6.5	0.00
19/11/2023 01:00	5.5	256	10	7.0	0.00
19/11/2023 01:10	5.2	255	11	7.2	0.00
19/11/2023 01:20	5.4	254	10	7.7	0.00
19/11/2023 01:30	5.8	254	10	7.8	0.00
19/11/2023 01:40	6.2	253	10	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 01:50	5.1	252	12	7.2	0.00
19/11/2023 02:00	4.9	256	11	6.6	0.00
19/11/2023 02:10	4.5	258	11	5.9	0.00
19/11/2023 02:20	4.7	257	10	6.4	0.00
19/11/2023 02:30	4.2	253	11	5.7	0.00
19/11/2023 02:40	4.8	256	10	6.4	0.00
19/11/2023 02:50	5.2	256	9	6.9	0.00
19/11/2023 03:00	4.6	255	10	6.2	0.00
19/11/2023 03:10	4.3	253	11	5.7	0.00
19/11/2023 03:20	5.0	253	11	6.5	0.00
19/11/2023 03:30	5.0	250	10	6.8	0.00
19/11/2023 03:40	4.1	250	12	6.2	0.00
19/11/2023 03:50	4.4	246	11	6.0	0.00
19/11/2023 04:00	4.4	246	12	6.0	0.00
19/11/2023 04:10	3.9	240	12	5.6	0.00
19/11/2023 04:20	3.8	241	12	5.6	0.00
19/11/2023 04:30	3.7	241	12	5.3	0.00
19/11/2023 04:40	3.5	244	10	4.8	0.00
19/11/2023 04:50	4.0	237	12	6.2	0.00
19/11/2023 05:00	3.8	240	14	5.2	0.00
19/11/2023 05:10	3.3	246	12	4.8	0.00
19/11/2023 05:20	3.1	242	14	4.5	0.00
19/11/2023 05:30	3.4	244	11	5.0	0.00
19/11/2023 05:40	3.4	237	12	4.6	0.00
19/11/2023 05:50	3.2	244	14	4.4	0.00
19/11/2023 06:00	3.8	248	11	5.4	0.00
19/11/2023 06:10	3.5	252	12	5.2	0.00
19/11/2023 06:20	2.8	237	12	3.6	0.00
19/11/2023 06:30	2.7	240	11	3.8	0.00
19/11/2023 06:40	2.6	240	12	3.6	0.00
19/11/2023 06:50	2.9	236	12	3.8	0.00
19/11/2023 07:00	2.6	234	15	3.7	0.00
19/11/2023 07:10	3.1	233	14	4.4	0.00
19/11/2023 07:20	3.1	232	15	4.2	0.00
19/11/2023 07:30	2.6	230	14	3.6	0.00
19/11/2023 07:40	2.7	227	16	3.6	0.00
19/11/2023 07:50	2.7	234	17	4.0	0.00
19/11/2023 08:00	2.4	243	18	3.1	0.00
19/11/2023 08:10	2.3	239	22	3.2	0.00
19/11/2023 08:20	2.5	247	16	3.6	0.00
19/11/2023 08:30	2.0	246	21	3.2	0.00
19/11/2023 08:40	2.3	247	19	3.1	0.00
19/11/2023 08:50	2.1	246	20	3.3	0.00
19/11/2023 09:00	2.4	254	20	3.7	0.00
19/11/2023 09:10	2.1	262	19	3.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 09:20	2.5	264	17	3.3	0.00
19/11/2023 09:30	2.7	264	17	3.6	0.00
19/11/2023 09:40	3.0	260	17	3.9	0.00
19/11/2023 09:50	3.1	271	15	3.8	0.00
19/11/2023 10:00	3.1	270	15	4.0	0.00
19/11/2023 10:10	3.5	269	14	4.3	0.00
19/11/2023 10:20	4.3	267	13	5.3	0.00
19/11/2023 10:30	4.3	275	15	5.6	0.00
19/11/2023 10:40	4.5	269	14	5.6	0.00
19/11/2023 10:50	4.8	263	11	6.0	0.00
19/11/2023 11:00	5.1	258	12	6.6	0.00
19/11/2023 11:10	4.8	262	13	6.1	0.00
19/11/2023 11:20	5.1	262	11	6.4	0.00
19/11/2023 11:30	4.9	265	16	6.4	0.00
19/11/2023 11:40	4.8	275	13	6.3	0.00
19/11/2023 11:50	5.0	271	14	6.3	0.00
19/11/2023 12:00	5.6	256	13	7.2	0.00
19/11/2023 12:10	5.7	262	11	7.1	0.00
19/11/2023 12:20	5.3	261	14	6.7	0.00
19/11/2023 12:30	5.4	261	11	7.4	0.00
19/11/2023 12:40	6.0	257	11	7.8	0.00
19/11/2023 12:50	6.9	261	9	8.2	0.00
19/11/2023 13:00	6.3	255	11	7.9	0.00
19/11/2023 13:10	6.7	259	10	8.5	0.00
19/11/2023 13:20	6.9	260	10	8.3	0.00
19/11/2023 13:30	6.5	257	12	7.9	0.00
19/11/2023 13:40	6.1	262	12	7.7	0.00
19/11/2023 13:50	6.0	259	10	7.9	0.00
19/11/2023 14:00	5.6	255	12	6.8	0.00
19/11/2023 14:10	4.6	256	14	5.9	0.00
19/11/2023 14:20	4.6	271	17	6.4	0.00
19/11/2023 14:30	5.1	261	13	6.5	0.00
19/11/2023 14:40	4.2	276	17	5.6	0.00
19/11/2023 14:50	4.4	295	15	6.2	0.00
19/11/2023 15:00	5.3	297	13	7.5	0.00
19/11/2023 15:10	4.9	303	17	7.1	0.00
19/11/2023 15:20	6.3	296	14	8.4	0.00
19/11/2023 15:30	5.7	305	15	7.9	0.00
19/11/2023 15:40	5.6	309	16	7.3	0.00
19/11/2023 15:50	5.6	306	14	7.7	0.00
19/11/2023 16:00	5.3	306	17	7.4	0.00
19/11/2023 16:10	5.3	307	16	7.2	0.00
19/11/2023 16:20	5.3	298	14	7.4	0.00
19/11/2023 16:30	6.0	297	12	7.8	0.00
19/11/2023 16:40	6.0	295	13	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 16:50	6.2	297	11	8.0	0.00
19/11/2023 17:00	5.9	300	11	8.0	0.00
19/11/2023 17:10	6.2	292	13	8.0	0.00
19/11/2023 17:20	6.1	295	12	8.3	0.00
19/11/2023 17:30	5.8	299	11	7.3	0.00
19/11/2023 17:40	5.8	294	10	8.0	0.00
19/11/2023 17:50	6.1	297	10	8.0	0.00
19/11/2023 18:00	5.6	298	12	7.5	0.00
19/11/2023 18:10	5.4	290	12	7.2	0.00
19/11/2023 18:20	4.6	293	13	6.6	0.00
19/11/2023 18:30	5.0	292	12	6.8	0.00
19/11/2023 18:40	4.5	271	15	6.1	0.00
19/11/2023 18:50	4.8	291	12	7.1	0.00
19/11/2023 19:00	4.9	271	14	6.4	0.00
19/11/2023 19:10	4.8	268	14	6.4	0.00
19/11/2023 19:20	4.5	274	16	6.2	0.00
19/11/2023 19:30	4.5	267	13	6.2	0.00
19/11/2023 19:40	4.9	273	13	6.9	0.00
19/11/2023 19:50	4.9	271	12	6.9	0.00
19/11/2023 20:00	5.0	268	14	6.8	0.00
19/11/2023 20:10	5.0	264	11	6.3	0.00
19/11/2023 20:20	5.0	262	12	6.9	0.00
19/11/2023 20:30	5.0	265	13	6.9	0.00
19/11/2023 20:40	6.1	259	9	7.9	0.00
19/11/2023 20:50	6.6	261	8	8.8	0.00
19/11/2023 21:00	5.7	264	10	7.5	0.00
19/11/2023 21:10	5.7	262	10	7.4	0.00
19/11/2023 21:20	6.3	262	8	7.9	0.00
19/11/2023 21:30	6.6	261	9	8.6	0.00
19/11/2023 21:40	7.1	261	8	9.4	0.00
19/11/2023 21:50	6.8	258	11	9.0	0.00
19/11/2023 22:00	6.5	259	10	8.5	0.00
19/11/2023 22:10	6.2	258	9	8.4	0.00
19/11/2023 22:20	5.5	261	10	7.2	0.00
19/11/2023 22:30	5.3	253	10	7.6	0.00
19/11/2023 22:40	5.0	255	12	6.8	0.00
19/11/2023 22:50	4.9	255	12	7.1	0.00
19/11/2023 23:00	4.1	245	14	6.0	0.00
19/11/2023 23:10	5.6	252	12	7.5	0.00
19/11/2023 23:20	5.5	252	12	8.1	0.00
19/11/2023 23:30	5.8	251	13	8.3	0.00
19/11/2023 23:40	4.9	248	12	6.7	0.00
19/11/2023 23:50	5.0	242	12	7.3	0.00
20/11/2023 00:00	5.2	249	11	7.2	0.00
20/11/2023 00:10	5.6	253	10	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 00:20	5.3	252	13	7.0	0.00
20/11/2023 00:30	5.8	254	9	7.5	0.00
20/11/2023 00:40	5.3	251	9	7.6	0.00
20/11/2023 00:50	4.7	254	11	7.1	0.00
20/11/2023 01:00	4.3	245	12	5.8	0.00
20/11/2023 01:10	4.4	248	13	6.1	0.00
20/11/2023 01:20	4.5	239	14	6.4	0.00
20/11/2023 01:30	5.6	247	12	7.5	0.00
20/11/2023 01:40	5.3	247	13	8.0	0.00
20/11/2023 01:50	4.9	248	12	7.4	0.00
20/11/2023 02:00	4.9	250	12	7.0	0.00
20/11/2023 02:10	4.6	250	12	6.1	0.00
20/11/2023 02:20	4.7	247	11	6.4	0.00
20/11/2023 02:30	4.7	245	12	6.3	0.00
20/11/2023 02:40	4.2	243	12	5.5	0.00
20/11/2023 02:50	4.1	246	11	5.6	0.00
20/11/2023 03:00	4.1	251	13	5.6	0.00
20/11/2023 03:10	4.5	255	11	5.6	0.00
20/11/2023 03:20	4.0	255	11	5.1	0.00
20/11/2023 03:30	4.5	247	12	6.4	0.00
20/11/2023 03:40	4.5	247	11	6.4	0.00
20/11/2023 03:50	4.3	249	11	6.0	0.00
20/11/2023 04:00	3.8	247	10	5.6	0.00
20/11/2023 04:10	4.2	245	12	5.5	0.00
20/11/2023 04:20	4.5	248	13	6.1	0.00
20/11/2023 04:30	3.9	249	10	5.4	0.00
20/11/2023 04:40	3.9	248	12	5.5	0.00
20/11/2023 04:50	3.8	245	11	5.5	0.00
20/11/2023 05:00	3.4	247	12	4.8	0.00
20/11/2023 05:10	4.1	246	12	6.0	0.00
20/11/2023 05:20	3.2	252	12	4.7	0.00
20/11/2023 05:30	3.0	256	10	4.4	0.00
20/11/2023 05:40	3.6	257	10	4.7	0.00
20/11/2023 05:50	3.4	267	9	4.7	0.00
20/11/2023 06:00	3.1	264	10	4.5	0.00
20/11/2023 06:10	3.7	260	9	4.6	0.00
20/11/2023 06:20	3.8	263	10	5.1	0.00
20/11/2023 06:30	3.5	261	10	4.8	0.00
20/11/2023 06:40	3.8	260	10	4.7	0.00
20/11/2023 06:50	3.8	254	11	5.2	0.00
20/11/2023 07:00	2.7	256	13	3.6	0.00
20/11/2023 07:10	2.9	239	12	4.0	0.00
20/11/2023 07:20	3.3	240	12	4.4	0.00
20/11/2023 07:30	3.9	242	14	5.3	0.00
20/11/2023 07:40	3.6	244	13	4.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 07:50	4.0	245	11	4.9	0.00
20/11/2023 08:00	3.7	245	13	4.9	0.00
20/11/2023 08:10	3.8	245	13	5.1	0.00
20/11/2023 08:20	3.8	248	13	4.8	0.00
20/11/2023 08:30	3.7	245	14	4.8	0.00
20/11/2023 08:40	4.0	252	13	5.3	0.00
20/11/2023 08:50	4.0	252	13	5.3	0.00
20/11/2023 09:00	4.1	254	13	5.4	0.00
20/11/2023 09:10	4.3	253	15	6.0	0.00
20/11/2023 09:20	4.5	252	12	5.7	0.00
20/11/2023 09:30	4.4	248	13	5.8	0.00
20/11/2023 09:40	4.6	252	12	6.3	0.00
20/11/2023 09:50	4.5	250	14	6.4	0.00
20/11/2023 10:00	4.9	246	13	6.9	0.00
20/11/2023 10:10	5.3	256	13	7.1	0.00
20/11/2023 10:20	5.0	251	15	7.3	0.00
20/11/2023 10:30	4.5	249	13	6.0	0.00
20/11/2023 10:40	5.0	265	12	6.2	0.00
20/11/2023 10:50	5.5	277	13	7.2	0.00
20/11/2023 11:00	5.4	276	11	6.8	0.00
20/11/2023 11:10	5.0	273	13	6.7	0.00
20/11/2023 11:20	5.0	276	12	6.4	0.00
20/11/2023 11:30	5.0	280	11	6.4	0.00
20/11/2023 11:40	5.4	274	13	7.0	0.00
20/11/2023 11:50	5.3	265	12	7.0	0.00
20/11/2023 12:00	5.4	271	13	6.8	0.00
20/11/2023 12:10	5.4	291	18	7.3	0.00
20/11/2023 12:20	4.4	307	21	6.4	0.00
20/11/2023 12:30	3.9	325	34	6.0	0.00
20/11/2023 12:40	4.4	14	18	6.1	0.00
20/11/2023 12:50	4.0	359	20	6.8	0.00
20/11/2023 13:00	4.5	8	19	6.6	0.00
20/11/2023 13:10	4.8	9	19	6.7	0.00
20/11/2023 13:20	4.7	181	20	6.4	0.00
20/11/2023 13:30	4.8	4	21	7.2	0.00
20/11/2023 13:40	4.5	5	17	6.2	0.00
20/11/2023 13:50	3.8	176	25	6.0	0.00
20/11/2023 14:00	4.5	351	21	7.5	0.00
20/11/2023 14:10	5.4	182	17	7.9	0.00
20/11/2023 14:20	4.5	174	22	7.5	0.00
20/11/2023 14:30	4.6	311	19	6.8	0.00
20/11/2023 14:40	4.3	158	28	7.5	0.00
20/11/2023 14:50	5.0	158	18	7.5	0.00
20/11/2023 15:00	4.8	326	23	6.7	0.00
20/11/2023 15:10	4.5	308	17	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 15:20	5.5	306	14	7.1	0.00
20/11/2023 15:30	3.9	319	26	6.4	0.00
20/11/2023 15:40	5.1	299	13	7.2	0.00
20/11/2023 15:50	5.5	299	14	7.2	0.00
20/11/2023 16:00	5.4	299	13	7.7	0.00
20/11/2023 16:10	5.4	305	13	7.2	0.00
20/11/2023 16:20	5.1	298	12	7.3	0.00
20/11/2023 16:30	4.8	303	11	6.8	0.00
20/11/2023 16:40	3.9	314	25	6.6	0.00
20/11/2023 16:50	5.1	299	13	7.4	0.00
20/11/2023 17:00	5.2	307	12	6.8	0.00
20/11/2023 17:10	5.4	299	12	7.2	0.00
20/11/2023 17:20	4.8	304	12	6.6	0.00
20/11/2023 17:30	4.1	306	13	5.9	0.00
20/11/2023 17:40	4.1	291	11	5.6	0.00
20/11/2023 17:50	3.6	273	14	5.0	0.00
20/11/2023 18:00	4.4	262	12	6.0	0.00
20/11/2023 18:10	5.0	267	12	6.6	0.00
20/11/2023 18:20	5.1	261	9	7.6	0.00
20/11/2023 18:30	4.5	257	10	6.0	0.00
20/11/2023 18:40	5.9	256	11	7.7	0.00
20/11/2023 18:50	6.8	259	10	8.7	0.00
20/11/2023 19:00	5.5	260	12	7.4	0.00
20/11/2023 19:10	4.4	270	14	6.4	0.00
20/11/2023 19:20	4.7	264	12	6.4	0.00
20/11/2023 19:30	5.5	261	11	8.0	0.00
20/11/2023 19:40	4.5	264	14	6.5	0.00
20/11/2023 19:50	4.7	262	11	6.7	0.00
20/11/2023 20:00	5.0	264	10	7.0	0.00
20/11/2023 20:10	5.4	263	11	7.2	0.00
20/11/2023 20:20	4.8	260	11	6.8	0.00
20/11/2023 20:30	5.2	255	11	7.8	0.00
20/11/2023 20:40	6.2	256	12	8.0	0.00
20/11/2023 20:50	5.3	254	13	7.2	0.00
20/11/2023 21:00	5.4	245	13	7.4	0.00
20/11/2023 21:10	4.6	245	12	6.4	0.00
20/11/2023 21:20	4.2	245	12	6.0	0.00
20/11/2023 21:30	4.3	245	15	6.6	0.00
20/11/2023 21:40	3.9	240	11	5.7	0.00
20/11/2023 21:50	3.6	239	13	5.5	0.00
20/11/2023 22:00	5.3	253	13	7.5	0.00
20/11/2023 22:10	5.4	253	12	7.8	0.00
20/11/2023 22:20	4.9	246	14	7.5	0.00
20/11/2023 22:30	3.9	245	13	5.6	0.00
20/11/2023 22:40	4.1	242	12	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 22:50	3.7	241	11	5.1	0.00
20/11/2023 23:00	3.4	251	12	4.7	0.00
20/11/2023 23:10	4.0	245	13	5.7	0.00
20/11/2023 23:20	4.3	237	13	6.0	0.00
20/11/2023 23:30	3.2	242	12	4.5	0.00
20/11/2023 23:40	4.0	248	12	6.0	0.00
20/11/2023 23:50	3.9	250	12	5.2	0.00
21/11/2023 00:00	3.8	253	11	5.0	0.00
21/11/2023 00:10	3.9	258	10	4.8	0.00
21/11/2023 00:20	3.7	255	11	4.9	0.00
21/11/2023 00:30	3.4	245	12	4.6	0.00
21/11/2023 00:40	3.1	240	12	4.4	0.00
21/11/2023 00:50	3.7	248	10	5.3	0.00
21/11/2023 01:00	3.9	255	13	5.4	0.00
21/11/2023 01:10	3.7	254	15	5.0	0.00
21/11/2023 01:20	4.0	253	11	5.2	0.00
21/11/2023 01:30	4.3	248	14	5.9	0.00
21/11/2023 01:40	3.9	252	10	5.4	0.00
21/11/2023 01:50	4.2	254	11	5.8	0.00
21/11/2023 02:00	3.0	241	16	4.6	0.00
21/11/2023 02:10	2.2	224	15	3.2	0.00
21/11/2023 02:20	2.4	233	12	3.1	0.00
21/11/2023 02:30	2.3	230	13	3.1	0.00
21/11/2023 02:40	2.3	248	14	3.2	0.00
21/11/2023 02:50	2.3	248	13	3.3	0.00
21/11/2023 03:00	2.4	248	11	3.1	0.00
21/11/2023 03:10	2.3	249	13	2.9	0.00
21/11/2023 03:20	2.6	257	10	3.5	0.00
21/11/2023 03:30	2.9	260	10	3.6	0.00
21/11/2023 03:40	2.8	261	10	3.8	0.00
21/11/2023 03:50	2.9	260	9	3.8	0.00
21/11/2023 04:00	3.5	259	9	4.4	0.00
21/11/2023 04:10	3.7	260	8	4.7	0.00
21/11/2023 04:20	3.4	257	8	4.4	0.00
21/11/2023 04:30	3.1	258	9	4.2	0.00
21/11/2023 04:40	3.0	258	11	3.8	0.00
21/11/2023 04:50	3.2	260	8	4.1	0.00
21/11/2023 05:00	3.0	261	9	3.8	0.00
21/11/2023 05:10	4.1	261	7	5.3	0.00
21/11/2023 05:20	4.1	261	8	5.1	0.00
21/11/2023 05:30	3.3	254	10	4.1	0.00
21/11/2023 05:40	2.6	252	10	3.5	0.00
21/11/2023 05:50	2.7	255	9	3.6	0.00
21/11/2023 06:00	2.6	255	11	3.5	0.00
21/11/2023 06:10	3.1	263	9	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 06:20	2.9	258	10	3.6	0.00
21/11/2023 06:30	3.3	255	10	4.1	0.00
21/11/2023 06:40	3.8	253	10	5.0	0.00
21/11/2023 06:50	3.4	253	11	4.4	0.00
21/11/2023 07:00	3.8	251	12	4.9	0.00
21/11/2023 07:10	4.5	256	10	5.8	0.00
21/11/2023 07:20	3.8	246	12	5.0	0.00
21/11/2023 07:30	3.8	256	14	5.2	0.00
21/11/2023 07:40	4.0	256	11	5.2	0.00
21/11/2023 07:50	4.1	255	11	5.2	0.00
21/11/2023 08:00	4.0	256	10	5.1	0.00
21/11/2023 08:10	3.9	259	11	4.8	0.00
21/11/2023 08:20	4.0	266	13	5.0	0.00
21/11/2023 08:30	3.6	260	12	4.6	0.00
21/11/2023 08:40	4.4	259	12	5.4	0.00
21/11/2023 08:50	4.3	266	12	5.7	0.00
21/11/2023 09:00	4.2	273	16	5.5	0.00
21/11/2023 09:10	4.5	278	12	5.6	0.00
21/11/2023 09:20	4.7	280	11	5.8	0.00
21/11/2023 09:30	4.6	277	12	6.0	0.00
21/11/2023 09:40	4.2	267	15	5.4	0.00
21/11/2023 09:50	4.0	267	14	5.2	0.00
21/11/2023 10:00	3.8	256	19	5.2	0.00
21/11/2023 10:10	3.9	261	16	5.2	0.00
21/11/2023 10:20	3.9	267	15	4.9	0.00
21/11/2023 10:30	4.0	273	16	5.2	0.00
21/11/2023 10:40	4.5	271	15	5.9	0.00
21/11/2023 10:50	4.7	270	13	5.8	0.00
21/11/2023 11:00	4.8	270	12	6.0	0.00
21/11/2023 11:10	4.8	262	12	6.0	0.00
21/11/2023 11:20	4.1	278	14	5.5	0.00
21/11/2023 11:30	3.9	290	17	5.0	0.00
21/11/2023 11:40	4.2	172	22	6.2	0.00
21/11/2023 11:50	4.0	23	20	5.6	0.00
21/11/2023 12:00	3.7	182	17	5.1	0.00
21/11/2023 12:10	4.1	1	16	5.7	0.00
21/11/2023 12:20	3.9	352	24	5.5	0.00
21/11/2023 12:30	4.5	351	21	6.6	0.00
21/11/2023 12:40	4.6	344	16	6.0	0.00
21/11/2023 12:50	3.9	313	21	5.5	0.00
21/11/2023 13:00	4.1	309	16	6.8	0.00
21/11/2023 13:10	5.8	302	11	7.5	0.00
21/11/2023 13:20	5.5	307	13	7.4	0.00
21/11/2023 13:30	6.1	296	13	7.6	0.00
21/11/2023 13:40	4.8	299	15	6.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 13:50	5.4	292	13	6.9	0.00
21/11/2023 14:00	5.0	294	14	6.8	0.00
21/11/2023 14:10	5.2	290	13	6.8	0.00
21/11/2023 14:20	4.7	287	14	6.0	0.00
21/11/2023 14:30	4.1	294	12	5.5	0.00
21/11/2023 14:40	4.2	291	12	5.6	0.00
21/11/2023 14:50	4.9	289	13	6.3	0.00
21/11/2023 15:00	5.0	294	11	6.0	0.00
21/11/2023 15:10	4.7	289	13	6.3	0.00
21/11/2023 15:20	5.1	294	10	6.4	0.00
21/11/2023 15:30	5.2	290	12	7.2	0.00
21/11/2023 15:40	5.2	295	9	6.6	0.00
21/11/2023 15:50	4.2	298	14	5.9	0.00
21/11/2023 16:00	4.2	300	15	5.9	0.00
21/11/2023 16:10	4.3	305	14	6.0	0.00
21/11/2023 16:20	4.2	302	20	6.1	0.00
21/11/2023 16:30	4.9	298	11	6.4	0.00
21/11/2023 16:40	4.5	303	14	5.9	0.00
21/11/2023 16:50	4.3	306	14	5.8	0.00
21/11/2023 17:00	4.5	313	14	6.0	0.00
21/11/2023 17:10	4.8	309	16	6.6	0.00
21/11/2023 17:20	4.6	314	14	6.3	0.00
21/11/2023 17:30	4.8	294	13	6.4	0.00
21/11/2023 17:40	4.9	288	12	6.5	0.00
21/11/2023 17:50	4.4	291	12	5.5	0.00
21/11/2023 18:00	4.0	272	15	5.5	0.00
21/11/2023 18:10	3.8	277	14	5.6	0.00
21/11/2023 18:20	3.2	284	18	4.2	0.00
21/11/2023 18:30	4.7	264	12	6.6	0.00
21/11/2023 18:40	4.5	269	14	6.3	0.00
21/11/2023 18:50	4.6	258	10	6.0	0.00
21/11/2023 19:00	5.7	259	10	6.9	0.00
21/11/2023 19:10	4.6	255	11	6.1	0.00
21/11/2023 19:20	3.7	254	12	5.5	0.00
21/11/2023 19:30	3.4	254	13	5.0	0.00
21/11/2023 19:40	3.2	256	11	4.5	0.00
21/11/2023 19:50	3.0	261	10	3.9	0.00
21/11/2023 20:00	2.6	266	12	3.6	0.00
21/11/2023 20:10	2.7	256	15	3.8	0.00
21/11/2023 20:20	3.4	170	28	5.2	0.00
21/11/2023 20:30	3.0	180	60	5.0	0.00
21/11/2023 20:40	2.6	155	61	4.4	0.00
21/11/2023 20:50	3.4	143	21	5.2	0.00
21/11/2023 21:00	2.5	140	18	4.0	0.00
21/11/2023 21:10	1.4	143	21	2.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 21:20	1.1	144	24	1.9	0.00
21/11/2023 21:30	0.4	174	50	1.1	0.00
21/11/2023 21:40	1.1	281	16	1.6	0.00
21/11/2023 21:50	2.1	263	8	2.8	0.00
21/11/2023 22:00	2.4	266	10	3.2	0.00
21/11/2023 22:10	3.4	275	10	4.4	0.00
21/11/2023 22:20	3.0	271	11	4.0	0.00
21/11/2023 22:30	3.7	264	9	4.7	0.00
21/11/2023 22:40	3.7	267	10	4.6	0.00
21/11/2023 22:50	3.3	265	11	4.1	0.00
21/11/2023 23:00	3.3	268	12	4.5	0.00
21/11/2023 23:10	3.5	271	13	4.5	0.00
21/11/2023 23:20	3.1	274	17	4.4	0.00
21/11/2023 23:30	4.0	261	10	5.0	0.00
21/11/2023 23:40	4.6	261	10	5.6	0.00
21/11/2023 23:50	4.9	261	11	6.3	0.00
22/11/2023 00:00	5.0	257	11	7.0	0.00
22/11/2023 00:10	4.7	256	11	6.2	0.00
22/11/2023 00:20	4.5	257	11	6.0	0.00
22/11/2023 00:30	4.1	257	11	5.4	0.00
22/11/2023 00:40	4.2	258	10	5.2	0.00
22/11/2023 00:50	3.5	261	9	4.5	0.00
22/11/2023 01:00	3.2	257	10	3.9	0.00
22/11/2023 01:10	3.1	260	8	3.8	0.00
22/11/2023 01:20	4.0	262	8	5.1	0.00
22/11/2023 01:30	4.0	262	8	5.2	0.00
22/11/2023 01:40	3.1	253	13	4.3	0.00
22/11/2023 01:50	2.7	253	11	4.0	0.00
22/11/2023 02:00	3.4	255	13	5.2	0.00
22/11/2023 02:10	3.8	254	13	6.0	0.00
22/11/2023 02:20	4.9	254	11	6.7	0.00
22/11/2023 02:30	4.7	256	11	6.3	0.00
22/11/2023 02:40	4.1	249	12	6.0	0.00
22/11/2023 02:50	4.8	246	11	6.2	0.00
22/11/2023 03:00	4.7	254	10	6.2	0.00
22/11/2023 03:10	4.3	250	10	5.6	0.00
22/11/2023 03:20	3.8	250	11	4.8	0.00
22/11/2023 03:30	4.2	248	13	5.6	0.00
22/11/2023 03:40	4.6	246	12	6.3	0.00
22/11/2023 03:50	4.1	251	11	5.7	0.00
22/11/2023 04:00	4.6	256	8	5.5	0.00
22/11/2023 04:10	4.1	253	10	5.3	0.00
22/11/2023 04:20	3.9	250	11	4.9	0.00
22/11/2023 04:30	3.6	255	10	4.6	0.00
22/11/2023 04:40	2.9	256	9	3.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 04:50	2.9	252	12	3.9	0.00
22/11/2023 05:00	2.6	255	10	3.5	0.00
22/11/2023 05:10	2.3	248	12	3.2	0.00
22/11/2023 05:20	2.3	244	16	3.5	0.00
22/11/2023 05:30	2.4	235	14	3.6	0.00
22/11/2023 05:40	2.5	232	16	3.8	0.00
22/11/2023 05:50	2.9	232	15	4.2	0.00
22/11/2023 06:00	2.6	233	17	4.5	0.00
22/11/2023 06:10	2.4	234	15	3.8	0.00
22/11/2023 06:20	2.5	237	14	3.4	0.00
22/11/2023 06:30	2.7	240	12	3.6	0.00
22/11/2023 06:40	2.6	242	12	3.3	0.00
22/11/2023 06:50	2.3	242	15	3.3	0.00
22/11/2023 07:00	2.4	240	15	3.6	0.00
22/11/2023 07:10	2.4	242	11	3.3	0.00
22/11/2023 07:20	2.2	242	13	2.9	0.00
22/11/2023 07:30	1.9	245	18	2.9	0.00
22/11/2023 07:40	2.6	246	14	3.2	0.00
22/11/2023 07:50	2.1	231	18	2.9	0.00
22/11/2023 08:00	1.9	217	21	2.8	0.00
22/11/2023 08:10	1.6	223	27	2.4	0.00
22/11/2023 08:20	1.4	156	74	2.6	0.00
22/11/2023 08:30	2.0	207	81	3.6	0.00
22/11/2023 08:40	2.0	220	71	3.4	0.00
22/11/2023 08:50	2.0	252	68	3.5	0.00
22/11/2023 09:00	2.1	217	67	3.6	0.00
22/11/2023 09:10	2.1	217	61	3.5	0.00
22/11/2023 09:20	2.1	182	69	3.6	0.00
22/11/2023 09:30	2.0	215	68	4.0	0.00
22/11/2023 09:40	1.9	198	54	3.0	0.00
22/11/2023 09:50	3.1	121	24	5.2	0.00
22/11/2023 10:00	2.7	134	33	4.2	0.00
22/11/2023 10:10	2.4	138	45	4.0	0.00
22/11/2023 10:20	2.5	108	24	3.7	0.00
22/11/2023 10:30	3.1	87	21	4.8	0.00
22/11/2023 10:40	2.9	69	18	4.5	0.00
22/11/2023 10:50	3.2	84	19	4.8	0.00
22/11/2023 11:00	3.5	92	17	4.9	0.00
22/11/2023 11:10	3.6	85	18	5.6	0.00
22/11/2023 11:20	4.8	63	15	6.8	0.00
22/11/2023 11:30	4.1	62	17	5.8	0.00
22/11/2023 11:40	4.2	85	17	5.7	0.00
22/11/2023 11:50	4.9	82	15	7.2	0.00
22/11/2023 12:00	5.1	80	17	7.2	0.00
22/11/2023 12:10	5.6	68	17	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 12:20	5.5	59	16	7.4	0.00
22/11/2023 12:30	6.0	53	14	7.9	0.00
22/11/2023 12:40	5.4	54	15	7.9	0.00
22/11/2023 12:50	5.9	60	13	8.7	0.00
22/11/2023 13:00	5.6	57	22	9.1	0.00
22/11/2023 13:10	3.5	8	26	5.4	0.00
22/11/2023 13:20	3.9	339	18	5.6	0.00
22/11/2023 13:30	4.2	335	16	6.4	0.00
22/11/2023 13:40	4.1	343	21	6.2	0.00
22/11/2023 13:50	3.6	352	24	5.1	0.00
22/11/2023 14:00	3.7	345	20	5.8	0.00
22/11/2023 14:10	4.2	340	14	5.8	0.00
22/11/2023 14:20	4.1	345	19	6.2	0.00
22/11/2023 14:30	3.9	340	20	5.9	0.00
22/11/2023 14:40	3.7	352	15	5.7	0.00
22/11/2023 14:50	3.6	356	19	5.4	0.00
22/11/2023 15:00	3.5	11	16	4.8	0.00
22/11/2023 15:10	3.3	15	19	5.6	0.00
22/11/2023 15:20	3.3	185	23	5.2	0.00
22/11/2023 15:30	3.1	352	18	4.5	0.00
22/11/2023 15:40	3.1	355	22	4.6	0.00
22/11/2023 15:50	3.2	8	23	5.2	0.00
22/11/2023 16:00	3.5	21	21	5.1	0.00
22/11/2023 16:10	3.4	349	24	5.6	0.00
22/11/2023 16:20	4.7	332	14	6.5	0.00
22/11/2023 16:30	4.8	342	13	6.4	0.00
22/11/2023 16:40	3.8	353	16	5.4	0.00
22/11/2023 16:50	3.6	323	19	5.4	0.00
22/11/2023 17:00	3.9	306	17	5.2	0.00
22/11/2023 17:10	4.5	294	14	5.9	0.00
22/11/2023 17:20	4.8	284	14	6.4	0.00
22/11/2023 17:30	4.9	283	13	6.5	0.00
22/11/2023 17:40	4.7	278	15	6.4	0.00
22/11/2023 17:50	5.0	269	15	6.2	0.00
22/11/2023 18:00	5.0	263	11	6.4	0.00
22/11/2023 18:10	5.5	261	8	6.5	0.00
22/11/2023 18:20	5.9	263	9	7.3	0.00
22/11/2023 18:30	6.2	262	8	7.8	0.00
22/11/2023 18:40	5.6	259	9	7.2	0.00
22/11/2023 18:50	5.2	261	10	6.6	0.00
22/11/2023 19:00	5.7	260	7	7.0	0.00
22/11/2023 19:10	5.2	262	8	6.2	0.00
22/11/2023 19:20	5.0	257	10	6.4	0.00
22/11/2023 19:30	5.0	259	10	6.7	0.00
22/11/2023 19:40	4.6	259	10	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 19:50	4.8	260	11	6.0	0.00
22/11/2023 20:00	5.0	257	10	6.7	0.00
22/11/2023 20:10	4.9	260	10	6.2	0.00
22/11/2023 20:20	5.5	262	9	7.0	0.00
22/11/2023 20:30	6.1	259	10	7.9	0.00
22/11/2023 20:40	5.8	261	10	7.5	0.00
22/11/2023 20:50	5.7	259	10	7.5	0.00
22/11/2023 21:00	6.0	261	9	7.8	0.00
22/11/2023 21:10	5.4	259	9	6.9	0.00
22/11/2023 21:20	4.6	255	11	6.0	0.00
22/11/2023 21:30	4.7	257	12	6.4	0.00
22/11/2023 21:40	4.8	253	11	6.4	0.00
22/11/2023 21:50	4.3	255	10	5.8	0.00
22/11/2023 22:00	4.1	256	10	5.2	0.00
22/11/2023 22:10	4.1	256	9	5.4	0.00
22/11/2023 22:20	4.2	260	11	5.6	0.00
22/11/2023 22:30	4.3	257	9	5.4	0.00
22/11/2023 22:40	4.1	253	9	5.2	0.00
22/11/2023 22:50	3.4	248	13	4.4	0.00
22/11/2023 23:00	3.6	246	12	5.1	0.00
22/11/2023 23:10	2.7	250	12	3.6	0.00
22/11/2023 23:20	3.2	253	11	4.3	0.00
22/11/2023 23:30	3.2	265	10	4.1	0.00
22/11/2023 23:40	3.6	263	8	4.5	0.00
22/11/2023 23:50	4.3	263	7	5.5	0.00
23/11/2023 00:00	3.3	261	9	4.3	0.00
23/11/2023 00:10	3.3	263	9	4.3	0.00
23/11/2023 00:20	4.0	263	8	4.8	0.00
23/11/2023 00:30	3.6	263	10	4.7	0.00
23/11/2023 00:40	3.3	262	9	4.1	0.00
23/11/2023 00:50	3.2	258	10	4.2	0.00
23/11/2023 01:00	3.2	260	10	4.3	0.00
23/11/2023 01:10	2.8	254	11	3.6	0.00
23/11/2023 01:20	2.9	255	10	4.0	0.00
23/11/2023 01:30	3.5	260	10	4.6	0.00
23/11/2023 01:40	3.8	256	10	5.3	0.00
23/11/2023 01:50	3.2	250	11	4.8	0.00
23/11/2023 02:00	3.8	243	12	5.3	0.00
23/11/2023 02:10	4.3	255	11	5.6	0.00
23/11/2023 02:20	4.1	253	12	5.2	0.00
23/11/2023 02:30	3.1	251	10	4.2	0.00
23/11/2023 02:40	3.5	254	11	4.6	0.00
23/11/2023 02:50	3.3	254	10	4.3	0.00
23/11/2023 03:00	3.3	256	10	4.5	0.00
23/11/2023 03:10	4.1	256	12	5.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 03:20	4.1	257	10	5.1	0.00
23/11/2023 03:30	4.3	256	10	5.5	0.00
23/11/2023 03:40	4.1	256	12	5.4	0.00
23/11/2023 03:50	4.1	254	11	5.5	0.00
23/11/2023 04:00	3.7	257	9	5.1	0.00
23/11/2023 04:10	3.0	256	12	3.8	0.00
23/11/2023 04:20	3.0	256	11	4.4	0.00
23/11/2023 04:30	3.2	254	11	4.2	0.00
23/11/2023 04:40	2.9	246	13	4.0	0.00
23/11/2023 04:50	3.0	242	12	4.2	0.00
23/11/2023 05:00	2.9	250	11	3.9	0.00
23/11/2023 05:10	1.9	247	13	2.9	0.00
23/11/2023 05:20	2.5	261	13	3.2	0.00
23/11/2023 05:30	2.8	261	11	3.6	0.00
23/11/2023 05:40	2.9	259	9	3.7	0.00
23/11/2023 05:50	3.1	255	10	4.2	0.00
23/11/2023 06:00	2.8	252	12	3.6	0.00
23/11/2023 06:10	3.2	253	10	4.0	0.00
23/11/2023 06:20	2.9	251	12	3.9	0.00
23/11/2023 06:30	3.2	254	10	4.0	0.00
23/11/2023 06:40	3.1	253	11	4.0	0.00
23/11/2023 06:50	2.9	244	14	4.0	0.00
23/11/2023 07:00	2.5	250	15	3.4	0.00
23/11/2023 07:10	2.6	238	13	3.7	0.00
23/11/2023 07:20	3.3	230	13	4.7	0.00
23/11/2023 07:30	3.1	219	13	4.1	0.00
23/11/2023 07:40	2.7	221	15	3.8	0.00
23/11/2023 07:50	2.7	228	14	4.0	0.00
23/11/2023 08:00	2.4	227	21	3.7	0.00
23/11/2023 08:10	1.6	183	42	2.8	0.00
23/11/2023 08:20	2.5	154	36	4.0	0.00
23/11/2023 08:30	3.4	123	29	5.2	0.00
23/11/2023 08:40	4.1	129	18	6.0	0.00
23/11/2023 08:50	3.9	119	16	5.3	0.00
23/11/2023 09:00	4.4	98	14	6.5	0.00
23/11/2023 09:10	4.2	102	14	5.8	0.00
23/11/2023 09:20	5.1	89	14	6.8	0.00
23/11/2023 09:30	5.7	97	15	7.6	0.00
23/11/2023 09:40	6.0	84	13	7.9	0.00
23/11/2023 09:50	6.2	87	13	9.1	0.00
23/11/2023 10:00	6.6	91	13	9.5	0.00
23/11/2023 10:10	6.8	84	11	9.6	0.00
23/11/2023 10:20	6.5	86	12	8.7	0.00
23/11/2023 10:30	5.9	80	12	8.1	0.00
23/11/2023 10:40	5.8	76	12	7.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 10:50	6.1	69	12	7.9	0.00
23/11/2023 11:00	5.7	83	14	7.6	0.00
23/11/2023 11:10	5.0	72	16	7.4	0.00
23/11/2023 11:20	5.2	79	12	7.2	0.00
23/11/2023 11:30	5.4	71	14	7.5	0.00
23/11/2023 11:40	5.1	64	15	6.8	0.00
23/11/2023 11:50	5.4	59	15	7.1	0.00
23/11/2023 12:00	6.0	56	13	8.4	0.00
23/11/2023 12:10	5.3	68	14	7.9	0.00
23/11/2023 12:20	6.3	70	14	8.2	0.00
23/11/2023 12:30	5.5	63	18	7.9	0.00
23/11/2023 12:40	5.3	58	15	7.0	0.00
23/11/2023 12:50	5.6	49	14	7.3	0.00
23/11/2023 13:00	5.9	56	13	7.4	0.00
23/11/2023 13:10	6.1	63	11	8.0	0.00
23/11/2023 13:20	5.3	53	15	7.0	0.00
23/11/2023 13:30	4.6	42	20	7.5	0.00
23/11/2023 13:40	3.9	352	20	5.7	0.00
23/11/2023 13:50	3.5	180	28	5.6	0.00
23/11/2023 14:00	3.8	342	18	5.6	0.00
23/11/2023 14:10	4.1	354	19	5.8	0.00
23/11/2023 14:20	3.8	355	22	5.2	0.00
23/11/2023 14:30	3.8	354	18	5.2	0.00
23/11/2023 14:40	3.7	347	19	5.5	0.00
23/11/2023 14:50	3.6	349	18	4.9	0.00
23/11/2023 15:00	3.8	349	19	5.9	0.00
23/11/2023 15:10	3.9	355	18	5.3	0.00
23/11/2023 15:20	3.8	354	20	5.6	0.00
23/11/2023 15:30	3.9	6	23	5.8	0.00
23/11/2023 15:40	4.4	358	20	6.7	0.00
23/11/2023 15:50	4.7	350	18	6.8	0.00
23/11/2023 16:00	4.7	341	17	6.7	0.00
23/11/2023 16:10	4.5	342	20	6.4	0.00
23/11/2023 16:20	4.4	331	16	6.0	0.00
23/11/2023 16:30	4.7	333	15	6.6	0.00
23/11/2023 16:40	5.2	330	12	6.8	0.00
23/11/2023 16:50	4.6	333	16	7.0	0.00
23/11/2023 17:00	4.6	336	14	6.5	0.00
23/11/2023 17:10	4.9	334	15	6.8	0.00
23/11/2023 17:20	3.7	350	16	5.3	0.00
23/11/2023 17:30	4.3	345	18	6.8	0.00
23/11/2023 17:40	4.4	344	18	6.1	0.00
23/11/2023 17:50	4.0	352	20	5.7	0.00
23/11/2023 18:00	3.7	349	20	5.2	0.00
23/11/2023 18:10	3.4	330	19	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 18:20	3.9	304	11	5.7	0.00
23/11/2023 18:30	4.2	296	14	6.7	0.00
23/11/2023 18:40	4.5	275	15	6.0	0.00
23/11/2023 18:50	4.9	268	13	6.6	0.00
23/11/2023 19:00	5.3	261	10	6.7	0.00
23/11/2023 19:10	5.9	262	10	7.7	0.00
23/11/2023 19:20	5.5	260	11	7.4	0.00
23/11/2023 19:30	4.9	254	11	6.3	0.00
23/11/2023 19:40	4.9	256	11	7.0	0.00
23/11/2023 19:50	4.8	259	11	6.6	0.00
23/11/2023 20:00	4.4	252	10	6.2	0.00
23/11/2023 20:10	4.7	255	12	6.1	0.00
23/11/2023 20:20	4.5	254	11	6.3	0.00
23/11/2023 20:30	4.4	254	11	6.2	0.00
23/11/2023 20:40	4.5	250	11	6.1	0.00
23/11/2023 20:50	4.4	253	11	5.8	0.00
23/11/2023 21:00	4.6	251	11	6.1	0.00
23/11/2023 21:10	4.4	250	10	5.6	0.00
23/11/2023 21:20	3.5	247	13	5.0	0.00
23/11/2023 21:30	2.9	249	11	4.1	0.00
23/11/2023 21:40	3.2	246	10	4.1	0.00
23/11/2023 21:50	2.9	244	10	4.2	0.00
23/11/2023 22:00	2.6	247	12	3.8	0.00
23/11/2023 22:10	3.2	247	12	4.3	0.00
23/11/2023 22:20	3.4	257	11	5.2	0.00
23/11/2023 22:30	3.0	254	10	4.1	0.00
23/11/2023 22:40	2.8	252	11	3.8	0.00
23/11/2023 22:50	3.0	255	11	4.0	0.00
23/11/2023 23:00	3.2	256	10	4.4	0.00
23/11/2023 23:10	3.6	254	10	4.7	0.00
23/11/2023 23:20	3.7	259	11	4.9	0.00
23/11/2023 23:30	3.5	257	12	4.5	0.00
23/11/2023 23:40	3.0	257	10	3.9	0.00
23/11/2023 23:50	3.1	253	12	4.5	0.00
24/11/2023 00:00	2.8	255	10	3.6	0.00
24/11/2023 00:10	2.6	250	11	3.6	0.00
24/11/2023 00:20	2.2	253	12	2.9	0.00
24/11/2023 00:30	2.2	260	13	3.2	0.00
24/11/2023 00:40	2.4	272	10	3.2	0.00
24/11/2023 00:50	3.4	263	7	4.4	0.00
24/11/2023 01:00	2.9	258	10	3.9	0.00
24/11/2023 01:10	2.6	262	13	3.8	0.00
24/11/2023 01:20	2.8	261	9	3.8	0.00
24/11/2023 01:30	2.8	263	10	3.9	0.00
24/11/2023 01:40	3.6	263	9	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 01:50	3.5	262	10	4.4	0.00
24/11/2023 02:00	3.3	257	10	4.5	0.00
24/11/2023 02:10	3.8	251	11	5.0	0.00
24/11/2023 02:20	3.5	251	12	4.7	0.00
24/11/2023 02:30	4.3	253	12	5.9	0.00
24/11/2023 02:40	4.7	258	10	6.0	0.00
24/11/2023 02:50	4.0	258	11	5.3	0.00
24/11/2023 03:00	3.6	262	10	4.7	0.00
24/11/2023 03:10	4.1	263	8	5.0	0.00
24/11/2023 03:20	3.8	259	10	4.8	0.00
24/11/2023 03:30	3.2	259	11	4.1	0.00
24/11/2023 03:40	2.7	255	10	3.7	0.00
24/11/2023 03:50	2.8	261	9	3.9	0.00
24/11/2023 04:00	3.3	256	11	4.4	0.00
24/11/2023 04:10	2.9	253	11	4.1	0.00
24/11/2023 04:20	3.1	255	11	3.9	0.00
24/11/2023 04:30	3.3	259	8	4.3	0.00
24/11/2023 04:40	2.9	258	9	3.6	0.00
24/11/2023 04:50	2.2	251	11	3.2	0.00
24/11/2023 05:00	1.4	244	10	2.1	0.00
24/11/2023 05:10	1.3	261	12	2.0	0.00
24/11/2023 05:20	0.2	278	12	1.2	0.00
24/11/2023 05:30	1.3	256	12	2.1	0.00
24/11/2023 05:40	1.5	245	15	2.0	0.00
24/11/2023 05:50	1.8	245	16	2.6	0.00
24/11/2023 06:00	1.2	236	17	2.1	0.00
24/11/2023 06:10	1.5	252	17	2.5	0.00
24/11/2023 06:20	1.7	235	12	2.2	0.00
24/11/2023 06:30	1.8	246	14	2.8	0.00
24/11/2023 06:40	1.9	241	18	2.5	0.00
24/11/2023 06:50	1.6	254	20	2.5	0.00
24/11/2023 07:00	2.0	257	18	3.0	0.00
24/11/2023 07:10	2.0	245	16	2.8	0.00
24/11/2023 07:20	2.2	247	18	2.8	0.00
24/11/2023 07:30	2.3	245	16	2.9	0.00
24/11/2023 07:40	3.5	262	16	5.2	0.00
24/11/2023 07:50	3.7	273	13	4.8	0.00
24/11/2023 08:00	3.3	268	13	4.2	0.00
24/11/2023 08:10	2.5	254	17	3.3	0.00
24/11/2023 08:20	2.1	237	21	3.6	0.00
24/11/2023 08:30	3.3	267	15	4.5	0.00
24/11/2023 08:40	3.8	274	12	4.8	0.00
24/11/2023 08:50	4.3	271	11	5.6	0.00
24/11/2023 09:00	4.1	258	9	5.3	0.00
24/11/2023 09:10	3.8	266	15	5.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 09:20	3.3	277	16	4.4	0.00
24/11/2023 09:30	3.7	273	13	4.8	0.00
24/11/2023 09:40	3.7	261	16	4.9	0.00
24/11/2023 09:50	3.6	249	15	4.8	0.00
24/11/2023 10:00	3.2	151	47	5.2	0.00
24/11/2023 10:10	5.2	67	12	7.2	0.00
24/11/2023 10:20	5.8	77	15	8.6	0.00
24/11/2023 10:30	6.0	73	14	8.4	0.00
24/11/2023 10:40	5.8	75	13	8.6	0.00
24/11/2023 10:50	5.5	63	13	7.4	0.00
24/11/2023 11:00	5.5	63	15	7.6	0.00
24/11/2023 11:10	5.8	66	11	8.0	0.00
24/11/2023 11:20	6.2	71	12	8.3	0.00
24/11/2023 11:30	5.7	72	13	7.3	0.00
24/11/2023 11:40	5.8	67	13	8.5	0.00
24/11/2023 11:50	5.5	64	12	7.4	0.00
24/11/2023 12:00	6.2	68	13	8.2	0.00
24/11/2023 12:10	5.8	63	14	7.9	0.00
24/11/2023 12:20	5.6	60	12	7.4	0.00
24/11/2023 12:30	6.0	64	16	7.7	0.00
24/11/2023 12:40	4.5	28	21	6.2	0.00
24/11/2023 12:50	3.4	21	28	5.6	0.00
24/11/2023 13:00	4.2	44	22	7.2	0.00
24/11/2023 13:10	4.3	39	19	6.4	0.00
24/11/2023 13:20	6.7	71	12	9.2	0.00
24/11/2023 13:30	6.6	69	12	8.6	0.00
24/11/2023 13:40	6.0	58	14	8.4	0.00
24/11/2023 13:50	4.4	185	32	6.9	0.00
24/11/2023 14:00	4.7	334	18	6.9	0.00
24/11/2023 14:10	5.0	337	21	7.4	0.00
24/11/2023 14:20	5.1	334	18	7.1	0.00
24/11/2023 14:30	4.9	338	18	6.6	0.00
24/11/2023 14:40	4.3	342	19	6.5	0.00
24/11/2023 14:50	3.5	347	23	5.7	0.00
24/11/2023 15:00	3.7	333	28	6.1	0.00
24/11/2023 15:10	3.7	166	20	5.4	0.00
24/11/2023 15:20	3.1	346	26	5.4	0.00
24/11/2023 15:30	2.7	302	31	4.9	0.00
24/11/2023 15:40	3.6	296	23	5.5	0.00
24/11/2023 15:50	5.2	273	16	6.9	0.00
24/11/2023 16:00	4.2	274	16	6.8	0.00
24/11/2023 16:10	4.7	269	13	6.4	0.00
24/11/2023 16:20	4.0	268	22	6.7	0.00
24/11/2023 16:30	3.5	278	23	4.7	0.00
24/11/2023 16:40	2.8	263	22	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 16:50	2.1	153	36	4.4	0.00
24/11/2023 17:00	2.0	339	38	3.2	0.00
24/11/2023 17:10	1.9	303	30	3.2	0.00
24/11/2023 17:20	3.1	29	20	4.9	0.00
24/11/2023 17:30	3.4	37	19	4.8	0.00
24/11/2023 17:40	2.5	48	21	3.6	0.00
24/11/2023 17:50	2.6	10	25	4.1	0.00
24/11/2023 18:00	2.1	9	31	3.2	0.00
24/11/2023 18:10	2.0	22	28	3.0	0.00
24/11/2023 18:20	2.2	13	18	3.5	0.00
24/11/2023 18:30	1.9	182	26	3.2	0.00
24/11/2023 18:40	1.9	340	39	3.2	0.00
24/11/2023 18:50	1.5	182	31	2.5	0.00
24/11/2023 19:00	1.3	298	40	2.6	0.00
24/11/2023 19:10	1.3	331	41	2.5	0.00
24/11/2023 19:20	1.7	175	26	2.9	0.00
24/11/2023 19:30	1.5	291	35	2.7	0.00
24/11/2023 19:40	3.2	267	12	4.7	0.00
24/11/2023 19:50	4.4	258	10	5.7	0.00
24/11/2023 20:00	4.4	257	11	6.1	0.00
24/11/2023 20:10	3.4	257	12	4.4	0.00
24/11/2023 20:20	3.9	262	9	5.1	0.00
24/11/2023 20:30	3.5	265	11	4.6	0.00
24/11/2023 20:40	2.9	265	11	4.0	0.00
24/11/2023 20:50	2.9	263	10	4.0	0.00
24/11/2023 21:00	2.2	270	14	3.2	0.00
24/11/2023 21:10	2.4	262	12	2.9	0.00
24/11/2023 21:20	2.8	261	11	3.8	0.00
24/11/2023 21:30	3.7	262	10	4.8	0.00
24/11/2023 21:40	3.9	261	10	5.4	0.00
24/11/2023 21:50	4.4	262	9	5.9	0.00
24/11/2023 22:00	4.5	261	9	5.6	0.00
24/11/2023 22:10	4.3	262	8	5.2	0.00
24/11/2023 22:20	3.9	262	9	5.1	0.00
24/11/2023 22:30	3.2	261	11	4.3	0.00
24/11/2023 22:40	3.1	260	10	4.3	0.00
24/11/2023 22:50	3.2	245	13	4.0	0.00
24/11/2023 23:00	3.3	255	10	4.3	0.00
24/11/2023 23:10	3.4	256	9	4.6	0.00
24/11/2023 23:20	3.9	260	8	4.9	0.00
24/11/2023 23:30	3.6	261	9	4.7	0.00
24/11/2023 23:40	1.2	183	31	3.2	0.00
24/11/2023 23:50	1.8	96	11	3.1	0.00
25/11/2023 00:00	2.8	95	16	4.3	0.00
25/11/2023 00:10	3.5	72	14	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 00:20	4.0	70	12	5.8	0.00
25/11/2023 00:30	4.0	66	11	6.0	0.00
25/11/2023 00:40	4.1	61	13	5.6	0.00
25/11/2023 00:50	4.0	59	13	5.6	0.00
25/11/2023 01:00	4.1	67	11	5.7	0.00
25/11/2023 01:10	4.3	65	11	6.0	0.00
25/11/2023 01:20	4.4	56	12	6.1	0.00
25/11/2023 01:30	4.1	63	12	6.1	0.00
25/11/2023 01:40	4.7	54	13	6.0	0.00
25/11/2023 01:50	4.4	53	12	5.9	0.00
25/11/2023 02:00	4.7	51	13	6.5	0.00
25/11/2023 02:10	5.2	54	11	7.3	0.00
25/11/2023 02:20	4.9	52	14	6.6	0.00
25/11/2023 02:30	4.6	48	14	7.0	0.00
25/11/2023 02:40	4.6	43	16	7.1	0.00
25/11/2023 02:50	4.1	46	12	6.0	0.00
25/11/2023 03:00	4.5	48	11	6.4	0.00
25/11/2023 03:10	3.5	27	17	5.8	0.00
25/11/2023 03:20	3.6	3	21	5.6	0.00
25/11/2023 03:30	3.1	17	20	4.5	0.00
25/11/2023 03:40	3.3	12	16	5.0	0.00
25/11/2023 03:50	2.7	4	18	4.3	0.00
25/11/2023 04:00	3.2	14	16	4.8	0.00
25/11/2023 04:10	3.5	16	15	5.2	0.00
25/11/2023 04:20	2.9	9	15	4.3	0.00
25/11/2023 04:30	2.9	24	16	3.9	0.00
25/11/2023 04:40	2.6	14	17	3.9	0.00
25/11/2023 04:50	2.3	14	19	3.7	0.00
25/11/2023 05:00	2.6	27	15	3.7	0.00
25/11/2023 05:10	2.3	6	18	3.5	0.00
25/11/2023 05:20	2.1	15	22	3.2	0.00
25/11/2023 05:30	2.2	22	25	3.8	0.00
25/11/2023 05:40	2.3	18	22	4.0	0.00
25/11/2023 05:50	2.0	12	24	3.4	0.00
25/11/2023 06:00	2.1	8	20	3.6	0.00
25/11/2023 06:10	1.9	15	20	3.0	0.00
25/11/2023 06:20	1.6	357	22	2.8	0.00
25/11/2023 06:30	2.0	13	21	3.3	0.00
25/11/2023 06:40	1.7	11	21	3.1	0.00
25/11/2023 06:50	1.9	20	20	3.0	0.00
25/11/2023 07:00	2.2	192	24	3.7	0.00
25/11/2023 07:10	1.9	175	23	3.1	0.00
25/11/2023 07:20	1.9	179	18	3.2	0.00
25/11/2023 07:30	2.6	16	23	4.1	0.00
25/11/2023 07:40	2.7	30	21	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 07:50	2.7	193	21	4.4	0.00
25/11/2023 08:00	2.6	180	28	4.6	0.00
25/11/2023 08:10	3.0	13	23	5.5	0.00
25/11/2023 08:20	2.7	181	26	4.4	0.00
25/11/2023 08:30	3.1	18	21	5.8	0.00
25/11/2023 08:40	3.6	177	23	5.4	0.00
25/11/2023 08:50	4.1	179	20	5.6	0.00
25/11/2023 09:00	3.3	175	25	5.5	0.00
25/11/2023 09:10	3.3	341	28	5.4	0.00
25/11/2023 09:20	3.1	319	31	5.6	0.00
25/11/2023 09:30	4.0	303	19	6.4	0.00
25/11/2023 09:40	4.1	292	19	5.8	0.00
25/11/2023 09:50	3.7	290	15	5.2	0.00
25/11/2023 10:00	3.3	285	14	4.7	0.00
25/11/2023 10:10	3.0	302	19	4.2	0.00
25/11/2023 10:20	3.2	293	18	4.4	0.00
25/11/2023 10:30	3.1	295	19	5.1	0.00
25/11/2023 10:40	3.3	298	20	4.4	0.00
25/11/2023 10:50	3.5	292	14	5.0	0.00
25/11/2023 11:00	3.7	293	14	5.2	0.00
25/11/2023 11:10	3.1	298	17	4.5	0.00
25/11/2023 11:20	1.8	303	45	3.6	0.00
25/11/2023 11:30	2.3	289	26	3.6	0.00
25/11/2023 11:40	2.8	286	27	4.7	0.00
25/11/2023 11:50	3.1	295	17	4.7	0.00
25/11/2023 12:00	2.3	332	29	3.6	0.00
25/11/2023 12:10	2.1	1	44	3.8	0.00
25/11/2023 12:20	2.1	169	38	3.6	0.00
25/11/2023 12:30	2.7	37	26	4.4	0.00
25/11/2023 12:40	2.1	184	33	3.5	0.00
25/11/2023 12:50	2.5	40	22	4.3	0.00
25/11/2023 13:00	2.3	22	25	3.2	0.00
25/11/2023 13:10	2.3	346	36	3.9	0.00
25/11/2023 13:20	2.2	177	30	3.5	0.00
25/11/2023 13:30	2.7	183	26	3.8	0.00
25/11/2023 13:40	2.8	358	28	4.2	0.00
25/11/2023 13:50	3.1	355	21	4.4	0.00
25/11/2023 14:00	3.6	177	17	5.1	0.00
25/11/2023 14:10	3.5	176	19	5.0	0.00
25/11/2023 14:20	3.5	357	22	5.2	0.00
25/11/2023 14:30	3.4	180	24	4.9	0.00
25/11/2023 14:40	3.5	10	17	4.8	0.00
25/11/2023 14:50	4.1	5	17	5.2	0.00
25/11/2023 15:00	3.6	178	22	5.1	0.00
25/11/2023 15:10	3.3	341	26	5.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 15:20	3.7	302	17	5.2	0.00
25/11/2023 15:30	4.7	296	13	6.3	0.00
25/11/2023 15:40	4.4	298	12	5.8	0.00
25/11/2023 15:50	4.8	292	14	6.3	0.00
25/11/2023 16:00	4.9	292	11	6.4	0.00
25/11/2023 16:10	5.0	295	10	6.1	0.00
25/11/2023 16:20	4.4	296	11	5.8	0.00
25/11/2023 16:30	4.3	292	14	6.2	0.00
25/11/2023 16:40	4.3	284	16	6.2	0.00
25/11/2023 16:50	4.8	290	14	6.5	0.00
25/11/2023 17:00	4.0	271	16	5.5	0.00
25/11/2023 17:10	4.1	273	16	5.7	0.00
25/11/2023 17:20	3.9	281	18	5.6	0.00
25/11/2023 17:30	4.1	257	15	5.9	0.00
25/11/2023 17:40	3.9	254	13	5.3	0.00
25/11/2023 17:50	4.0	254	12	5.3	0.00
25/11/2023 18:00	4.2	251	12	5.6	0.00
25/11/2023 18:10	4.2	235	17	5.6	0.00
25/11/2023 18:20	4.0	229	14	5.4	0.00
25/11/2023 18:30	4.5	232	13	6.0	0.00
25/11/2023 18:40	3.9	238	14	5.7	0.00
25/11/2023 18:50	3.6	232	13	5.4	0.00
25/11/2023 19:00	2.1	239	14	3.0	0.00
25/11/2023 19:10	2.0	252	13	2.8	0.00
25/11/2023 19:20	1.5	250	15	2.1	0.00
25/11/2023 19:30	1.3	238	14	1.6	0.00
25/11/2023 19:40	1.2	261	17	1.6	0.00
25/11/2023 19:50	1.0	290	16	1.3	0.00
25/11/2023 20:00	1.1	279	11	1.6	0.00
25/11/2023 20:10	0.4	263	12	1.2	0.00
25/11/2023 20:20	1.0	222	16	1.5	0.00
25/11/2023 20:30	0.8	238	13	1.5	0.00
25/11/2023 20:40	1.1	52	4	1.6	0.00
25/11/2023 20:50	3.0	66	11	4.7	0.00
25/11/2023 21:00	2.8	52	12	4.1	0.00
25/11/2023 21:10	3.5	68	13	6.0	0.00
25/11/2023 21:20	2.9	47	16	4.4	0.00
25/11/2023 21:30	3.4	55	14	4.5	0.00
25/11/2023 21:40	4.1	83	11	5.6	0.00
25/11/2023 21:50	4.3	75	12	6.1	0.00
25/11/2023 22:00	3.6	71	10	5.4	0.00
25/11/2023 22:10	3.5	66	11	5.0	0.00
25/11/2023 22:20	3.2	69	9	4.8	0.00
25/11/2023 22:30	3.1	83	11	4.4	0.00
25/11/2023 22:40	3.2	87	12	4.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 22:50	2.5	87	11	3.2	0.00
25/11/2023 23:00	2.1	80	11	2.8	0.00
25/11/2023 23:10	1.6	73	11	2.2	0.00
25/11/2023 23:20	0.9	61	13	1.3	0.00
25/11/2023 23:30	1.4	60	16	1.9	0.00
25/11/2023 23:40	0.9	62	11	1.4	0.00
25/11/2023 23:50	1.3	52	10	1.7	0.00
26/11/2023 00:00	1.2	52	18	1.7	0.00
26/11/2023 00:10	0.5	285	20	1.1	0.00
26/11/2023 00:20	0.5	231	18	1.2	0.00
26/11/2023 00:30	1.4	247	13	2.0	0.00
26/11/2023 00:40	1.9	277	9	2.4	0.00
26/11/2023 00:50	2.7	263	10	3.6	0.00
26/11/2023 01:00	3.5	262	9	4.5	0.00
26/11/2023 01:10	3.4	264	9	4.3	0.00
26/11/2023 01:20	3.7	258	9	4.8	0.00
26/11/2023 01:30	3.7	261	9	4.8	0.00
26/11/2023 01:40	3.6	260	10	4.9	0.00
26/11/2023 01:50	3.9	260	9	5.0	0.00
26/11/2023 02:00	3.1	263	14	4.3	0.00
26/11/2023 02:10	2.6	270	12	3.7	0.00
26/11/2023 02:20	2.9	262	13	4.3	0.00
26/11/2023 02:30	2.7	262	13	4.0	0.00
26/11/2023 02:40	2.6	267	19	4.0	0.00
26/11/2023 02:50	3.1	265	13	4.1	0.00
26/11/2023 03:00	3.5	266	12	4.4	0.00
26/11/2023 03:10	3.8	263	11	5.1	0.00
26/11/2023 03:20	3.9	260	10	5.2	0.00
26/11/2023 03:30	3.8	266	11	5.2	0.00
26/11/2023 03:40	3.1	265	13	4.5	0.00
26/11/2023 03:50	4.1	271	13	5.5	0.00
26/11/2023 04:00	3.3	266	13	4.6	0.00
26/11/2023 04:10	3.1	255	10	4.3	0.00
26/11/2023 04:20	3.6	267	13	4.7	0.00
26/11/2023 04:30	4.2	267	12	5.3	0.00
26/11/2023 04:40	3.6	262	11	4.8	0.00
26/11/2023 04:50	3.6	256	9	4.8	0.00
26/11/2023 05:00	3.6	259	10	4.7	0.00
26/11/2023 05:10	3.5	249	11	5.1	0.00
26/11/2023 05:20	4.3	254	10	5.9	0.00
26/11/2023 05:30	4.1	255	11	5.6	0.00
26/11/2023 05:40	4.0	252	11	5.0	0.00
26/11/2023 05:50	3.8	251	10	4.8	0.00
26/11/2023 06:00	4.1	256	10	5.5	0.00
26/11/2023 06:10	4.0	254	11	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 06:20	4.2	249	12	5.9	0.00
26/11/2023 06:30	4.3	257	11	5.8	0.00
26/11/2023 06:40	3.8	254	12	5.2	0.00
26/11/2023 06:50	4.1	255	12	5.9	0.00
26/11/2023 07:00	4.3	255	11	5.7	0.00
26/11/2023 07:10	4.1	248	12	5.2	0.00
26/11/2023 07:20	3.9	252	13	5.7	0.00
26/11/2023 07:30	3.5	240	14	4.4	0.00
26/11/2023 07:40	4.1	245	12	5.7	0.00
26/11/2023 07:50	4.2	251	15	5.4	0.00
26/11/2023 08:00	4.2	235	13	5.6	0.00
26/11/2023 08:10	4.5	238	13	6.0	0.00
26/11/2023 08:20	4.3	243	13	5.8	0.00
26/11/2023 08:30	4.2	244	14	5.7	0.00
26/11/2023 08:40	3.8	247	15	5.3	0.00
26/11/2023 08:50	4.0	251	20	5.2	0.00
26/11/2023 09:00	3.9	255	14	5.6	0.00
26/11/2023 09:10	3.9	255	16	5.2	0.00
26/11/2023 09:20	3.9	247	14	5.5	0.00
26/11/2023 09:30	3.7	247	14	4.8	0.00
26/11/2023 09:40	3.7	262	16	4.8	0.00
26/11/2023 09:50	4.0	267	16	5.2	0.00
26/11/2023 10:00	3.6	266	16	5.3	0.00
26/11/2023 10:10	4.0	265	17	5.4	0.00
26/11/2023 10:20	4.4	255	13	5.8	0.00
26/11/2023 10:30	4.5	261	12	5.7	0.00
26/11/2023 10:40	4.8	256	11	6.1	0.00
26/11/2023 10:50	5.0	267	13	6.6	0.00
26/11/2023 11:00	4.9	262	15	6.5	0.00
26/11/2023 11:10	4.4	261	17	5.9	0.00
26/11/2023 11:20	4.5	261	16	6.6	0.00
26/11/2023 11:30	5.3	258	13	7.4	0.00
26/11/2023 11:40	5.3	262	13	7.3	0.00
26/11/2023 11:50	5.3	268	14	7.2	0.00
26/11/2023 12:00	5.1	266	17	6.8	0.00
26/11/2023 12:10	5.5	264	13	6.9	0.00
26/11/2023 12:20	5.1	260	13	6.9	0.00
26/11/2023 12:30	5.7	252	13	7.5	0.00
26/11/2023 12:40	5.5	258	13	7.2	0.00
26/11/2023 12:50	5.6	256	13	7.2	0.00
26/11/2023 13:00	6.1	257	14	7.7	0.00
26/11/2023 13:10	5.5	255	15	7.2	0.00
26/11/2023 13:20	5.8	258	14	7.5	0.00
26/11/2023 13:30	6.4	258	11	8.2	0.00
26/11/2023 13:40	6.2	256	13	8.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 13:50	5.9	253	12	8.2	0.00
26/11/2023 14:00	5.8	265	12	7.9	0.00
26/11/2023 14:10	6.1	261	12	8.3	0.00
26/11/2023 14:20	6.1	263	12	8.0	0.00
26/11/2023 14:30	6.6	259	11	8.3	0.00
26/11/2023 14:40	6.3	259	12	7.9	0.00
26/11/2023 14:50	6.7	260	10	8.3	0.00
26/11/2023 15:00	6.8	262	11	8.7	0.00
26/11/2023 15:10	6.5	259	10	8.6	0.00
26/11/2023 15:20	5.9	261	13	7.4	0.00
26/11/2023 15:30	5.9	267	14	7.9	0.00
26/11/2023 15:40	6.1	263	12	8.1	0.00
26/11/2023 15:50	6.8	263	12	8.5	0.00
26/11/2023 16:00	6.8	262	11	9.1	0.00
26/11/2023 16:10	6.4	255	12	8.2	0.00
26/11/2023 16:20	6.2	256	12	8.0	0.00
26/11/2023 16:30	6.4	256	12	8.7	0.00
26/11/2023 16:40	6.8	263	11	9.1	0.00
26/11/2023 16:50	6.4	259	10	8.5	0.00
26/11/2023 17:00	6.8	259	12	9.0	0.00
26/11/2023 17:10	6.5	261	11	8.7	0.00
26/11/2023 17:20	6.1	260	11	7.6	0.00
26/11/2023 17:30	6.4	257	12	8.4	0.00
26/11/2023 17:40	5.9	261	10	7.7	0.00
26/11/2023 17:50	6.0	258	11	8.1	0.00
26/11/2023 18:00	5.6	256	13	7.5	0.00
26/11/2023 18:10	5.7	262	10	7.5	0.00
26/11/2023 18:20	5.9	263	10	7.7	0.00
26/11/2023 18:30	6.0	262	8	7.9	0.00
26/11/2023 18:40	5.5	261	9	7.5	0.00
26/11/2023 18:50	5.7	261	10	7.2	0.00
26/11/2023 19:00	5.9	261	11	7.8	0.00
26/11/2023 19:10	6.2	262	9	7.6	0.00
26/11/2023 19:20	5.7	261	11	7.2	0.00
26/11/2023 19:30	5.6	259	10	6.9	0.00
26/11/2023 19:40	5.4	259	10	7.0	0.00
26/11/2023 19:50	5.7	260	9	7.4	0.00
26/11/2023 20:00	5.6	260	12	7.0	0.00
26/11/2023 20:10	5.1	260	11	7.1	0.00
26/11/2023 20:20	5.4	262	10	7.0	0.00
26/11/2023 20:30	5.3	257	10	7.2	0.00
26/11/2023 20:40	5.6	259	11	7.3	0.00
26/11/2023 20:50	5.5	257	11	7.3	0.00
26/11/2023 21:00	5.4	258	10	6.9	0.00
26/11/2023 21:10	5.6	260	9	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 21:20	5.4	260	11	7.3	0.00
26/11/2023 21:30	5.5	260	10	7.2	0.00
26/11/2023 21:40	6.3	262	9	7.9	0.00
26/11/2023 21:50	6.1	259	11	7.9	0.00
26/11/2023 22:00	6.7	260	10	8.7	0.00
26/11/2023 22:10	6.2	261	10	8.3	0.00
26/11/2023 22:20	6.4	260	10	8.0	0.00
26/11/2023 22:30	6.4	259	12	8.3	0.00
26/11/2023 22:40	5.9	261	10	7.6	0.00
26/11/2023 22:50	6.1	258	9	7.9	0.00
26/11/2023 23:00	6.6	262	10	8.4	0.00
26/11/2023 23:10	5.9	261	10	8.2	0.00
26/11/2023 23:20	6.2	260	9	7.9	0.00
26/11/2023 23:30	6.2	254	10	7.9	0.00
26/11/2023 23:40	6.1	261	10	7.9	0.00
26/11/2023 23:50	6.2	261	9	8.3	0.00
27/11/2023 00:00	6.3	262	10	7.9	0.00
27/11/2023 00:10	6.7	264	9	8.2	0.00
27/11/2023 00:20	5.7	257	11	8.0	0.00
27/11/2023 00:30	6.0	256	10	8.6	0.00
27/11/2023 00:40	5.9	257	12	7.9	0.00
27/11/2023 00:50	6.1	253	10	8.7	0.00
27/11/2023 01:00	5.8	256	12	7.9	0.00
27/11/2023 01:10	6.2	252	11	9.1	0.00
27/11/2023 01:20	5.5	256	11	7.7	0.00
27/11/2023 01:30	6.0	255	11	8.6	0.00
27/11/2023 01:40	6.1	256	12	8.7	0.00
27/11/2023 01:50	5.9	257	11	8.0	0.00
27/11/2023 02:00	5.5	255	11	8.3	0.00
27/11/2023 02:10	5.7	252	12	8.1	0.00
27/11/2023 02:20	6.1	256	11	8.5	0.00
27/11/2023 02:30	5.5	254	13	8.0	0.00
27/11/2023 02:40	6.5	252	11	8.8	0.00
27/11/2023 02:50	5.9	247	14	8.3	0.00
27/11/2023 03:00	6.0	248	12	8.1	0.00
27/11/2023 03:10	6.0	251	13	8.5	0.00
27/11/2023 03:20	6.8	252	10	9.2	0.00
27/11/2023 03:30	6.8	245	13	9.3	0.00
27/11/2023 03:40	6.6	245	13	9.9	0.00
27/11/2023 03:50	5.8	247	12	8.2	0.00
27/11/2023 04:00	6.1	249	11	8.8	0.00
27/11/2023 04:10	5.7	246	11	7.5	0.00
27/11/2023 04:20	5.6	246	11	7.4	0.00
27/11/2023 04:30	5.2	242	13	6.8	0.00
27/11/2023 04:40	5.5	245	11	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 04:50	5.5	244	12	7.5	0.00
27/11/2023 05:00	5.6	245	11	8.0	0.00
27/11/2023 05:10	5.5	246	13	7.5	0.00
27/11/2023 05:20	6.0	244	12	8.4	0.00
27/11/2023 05:30	5.9	252	12	8.3	0.00
27/11/2023 05:40	5.1	248	11	7.1	0.00
27/11/2023 05:50	5.0	247	13	6.7	0.00
27/11/2023 06:00	4.9	244	13	6.7	0.00
27/11/2023 06:10	5.4	248	12	7.5	0.00
27/11/2023 06:20	4.6	247	14	6.6	0.00
27/11/2023 06:30	4.6	240	13	6.5	0.00
27/11/2023 06:40	5.7	250	12	7.3	0.00
27/11/2023 06:50	5.5	249	13	7.4	0.00
27/11/2023 07:00	5.6	249	12	7.3	0.00
27/11/2023 07:10	5.0	245	13	6.8	0.00
27/11/2023 07:20	5.1	255	12	6.8	0.00
27/11/2023 07:30	5.4	257	11	7.5	0.00
27/11/2023 07:40	5.8	253	13	7.9	0.00
27/11/2023 07:50	5.1	245	13	7.1	0.00
27/11/2023 08:00	5.4	257	11	7.0	0.00
27/11/2023 08:10	5.4	257	12	7.5	0.00
27/11/2023 08:20	6.0	254	12	7.9	0.00
27/11/2023 08:30	5.4	253	14	7.6	0.00
27/11/2023 08:40	4.9	249	14	6.8	0.00
27/11/2023 08:50	5.1	257	15	7.2	0.00
27/11/2023 09:00	5.3	252	13	7.3	0.00
27/11/2023 09:10	5.6	256	11	7.3	0.00
27/11/2023 09:20	5.4	258	13	7.2	0.00
27/11/2023 09:30	6.2	262	11	8.6	0.00
27/11/2023 09:40	6.2	269	15	8.5	0.00
27/11/2023 09:50	6.4	263	14	8.7	0.00
27/11/2023 10:00	6.3	262	14	8.1	0.00
27/11/2023 10:10	6.1	260	13	7.9	0.00
27/11/2023 10:20	6.3	263	16	8.5	0.00
27/11/2023 10:30	6.0	263	14	8.1	0.00
27/11/2023 10:40	6.3	262	13	8.7	0.00
27/11/2023 10:50	6.5	261	15	8.9	0.00
27/11/2023 11:00	6.7	264	13	8.7	0.00
27/11/2023 11:10	6.5	268	16	9.2	0.00
27/11/2023 11:20	6.7	268	14	9.0	0.00
27/11/2023 11:30	6.9	260	11	9.0	0.00
27/11/2023 11:40	7.4	263	12	9.8	0.00
27/11/2023 11:50	7.5	261	12	9.5	0.00
27/11/2023 12:00	6.6	267	14	9.1	0.00
27/11/2023 12:10	7.3	262	13	10.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 12:20	8.1	262	11	10.1	0.00
27/11/2023 12:30	7.4	266	13	9.9	0.00
27/11/2023 12:40	7.8	255	13	10.2	0.00
27/11/2023 12:50	7.4	259	13	9.9	0.00
27/11/2023 13:00	7.4	267	13	10.0	0.00
27/11/2023 13:10	7.1	262	14	9.3	0.00
27/11/2023 13:20	7.6	260	11	9.5	0.00
27/11/2023 13:30	7.3	259	13	10.1	0.00
27/11/2023 13:40	7.2	259	11	9.5	0.00
27/11/2023 13:50	7.9	262	13	10.3	0.00
27/11/2023 14:00	8.1	258	11	10.3	0.00
27/11/2023 14:10	7.0	261	13	9.5	0.00
27/11/2023 14:20	7.3	260	15	10.2	0.00
27/11/2023 14:30	7.1	262	14	9.3	0.00
27/11/2023 14:40	7.2	259	10	9.5	0.00
27/11/2023 14:50	6.8	262	11	9.3	0.00
27/11/2023 15:00	7.2	260	11	9.8	0.00
27/11/2023 15:10	7.4	261	11	9.7	0.00
27/11/2023 15:20	7.6	254	13	9.9	0.00
27/11/2023 15:30	7.1	256	14	9.5	0.00
27/11/2023 15:40	7.4	259	10	10.3	0.00
27/11/2023 15:50	7.5	263	11	9.6	0.00
27/11/2023 16:00	6.8	258	12	9.1	0.00
27/11/2023 16:10	7.3	258	13	9.9	0.00
27/11/2023 16:20	7.4	260	11	9.5	0.00
27/11/2023 16:30	7.6	260	11	10.3	0.00
27/11/2023 16:40	7.3	260	12	9.6	0.00
27/11/2023 16:50	6.6	261	13	8.7	0.00
27/11/2023 17:00	7.3	262	11	9.9	0.00
27/11/2023 17:10	7.0	265	11	9.1	0.00
27/11/2023 17:20	7.1	263	12	9.2	0.00
27/11/2023 17:30	7.2	262	11	9.5	0.00
27/11/2023 17:40	6.9	265	12	9.5	0.00
27/11/2023 17:50	7.5	262	11	9.9	0.00
27/11/2023 18:00	7.2	263	11	9.3	0.00
27/11/2023 18:10	7.4	262	10	9.5	0.00
27/11/2023 18:20	6.7	263	10	8.7	0.00
27/11/2023 18:30	6.9	263	11	8.5	0.00
27/11/2023 18:40	7.3	260	10	9.8	0.00
27/11/2023 18:50	6.6	263	12	9.0	0.00
27/11/2023 19:00	7.3	259	11	9.1	0.00
27/11/2023 19:10	6.5	259	12	8.7	0.00
27/11/2023 19:20	6.8	259	10	9.5	0.00
27/11/2023 19:30	7.0	259	12	9.5	0.00
27/11/2023 19:40	6.4	258	10	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 19:50	6.7	256	11	8.9	0.00
27/11/2023 20:00	5.7	253	11	8.2	0.00
27/11/2023 20:10	6.1	257	13	8.0	0.00
27/11/2023 20:20	5.7	257	12	7.7	0.00
27/11/2023 20:30	6.0	261	11	8.5	0.00
27/11/2023 20:40	6.3	259	11	7.9	0.00
27/11/2023 20:50	6.9	261	10	8.9	0.00
27/11/2023 21:00	6.8	260	10	8.7	0.00
27/11/2023 21:10	6.2	261	11	8.5	0.00
27/11/2023 21:20	6.9	260	11	9.5	0.00
27/11/2023 21:30	6.7	259	11	8.3	0.00
27/11/2023 21:40	7.0	261	11	9.9	0.00
27/11/2023 21:50	6.8	258	13	9.2	0.00
27/11/2023 22:00	7.2	262	12	10.3	0.00
27/11/2023 22:10	7.1	260	10	9.9	0.00
27/11/2023 22:20	7.0	260	11	9.5	0.00
27/11/2023 22:30	7.1	257	12	9.6	0.00
27/11/2023 22:40	7.1	263	10	8.7	0.00
27/11/2023 22:50	6.7	261	12	9.7	0.00
27/11/2023 23:00	7.4	259	10	9.9	0.00
27/11/2023 23:10	7.3	261	11	9.3	0.00
27/11/2023 23:20	7.1	259	10	10.2	0.00
27/11/2023 23:30	6.7	258	12	9.1	0.00
27/11/2023 23:40	7.7	260	11	10.6	0.00
27/11/2023 23:50	6.9	259	11	9.3	0.00
28/11/2023 00:00	6.7	254	13	10.1	0.00
28/11/2023 00:10	7.0	257	11	9.7	0.00
28/11/2023 00:20	7.6	255	13	10.2	0.00
28/11/2023 00:30	6.7	256	10	9.3	0.00
28/11/2023 00:40	6.5	257	12	9.5	0.00
28/11/2023 00:50	6.8	253	11	9.2	0.00
28/11/2023 01:00	6.8	253	12	9.1	0.00
28/11/2023 01:10	7.3	254	11	9.6	0.00
28/11/2023 01:20	6.7	252	11	9.9	0.00
28/11/2023 01:30	6.7	250	12	9.8	0.00
28/11/2023 01:40	7.0	251	12	9.4	0.00
28/11/2023 01:50	6.5	247	12	10.0	0.00
28/11/2023 02:00	6.1	244	13	9.0	0.00
28/11/2023 02:10	6.1	250	12	9.0	0.00
28/11/2023 02:20	6.0	245	13	8.0	0.00
28/11/2023 02:30	6.1	245	13	8.7	0.00
28/11/2023 02:40	6.3	243	12	9.1	0.00
28/11/2023 02:50	5.4	247	13	7.5	0.00
28/11/2023 03:00	6.1	253	12	8.2	0.00
28/11/2023 03:10	5.8	251	11	8.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 03:20	5.2	252	12	7.4	0.00
28/11/2023 03:30	6.0	253	14	9.2	0.00
28/11/2023 03:40	5.6	255	11	7.9	0.00
28/11/2023 03:50	5.4	254	11	7.6	0.00
28/11/2023 04:00	5.9	254	12	8.2	0.00
28/11/2023 04:10	6.0	253	11	8.7	0.00
28/11/2023 04:20	6.0	254	12	7.7	0.00
28/11/2023 04:30	5.6	252	11	7.9	0.00
28/11/2023 04:40	5.4	252	10	7.7	0.00
28/11/2023 04:50	6.0	255	11	7.8	0.00
28/11/2023 05:00	6.2	255	12	8.2	0.00
28/11/2023 05:10	5.5	252	11	7.7	0.00
28/11/2023 05:20	5.0	249	13	7.2	0.00
28/11/2023 05:30	5.9	253	12	7.6	0.00
28/11/2023 05:40	6.2	253	10	8.1	0.00
28/11/2023 05:50	5.8	254	13	8.3	0.00
28/11/2023 06:00	5.7	252	13	7.7	0.00
28/11/2023 06:10	6.0	252	11	8.7	0.00
28/11/2023 06:20	6.6	252	12	8.5	0.00
28/11/2023 06:30	5.7	249	15	7.6	0.00
28/11/2023 06:40	5.8	246	14	7.8	0.00
28/11/2023 06:50	5.8	244	12	8.1	0.00
28/11/2023 07:00	5.7	243	14	8.3	0.00
28/11/2023 07:10	5.9	240	12	8.0	0.00
28/11/2023 07:20	5.6	242	12	7.6	0.00
28/11/2023 07:30	6.0	250	13	8.5	0.00
28/11/2023 07:40	6.5	256	13	8.8	0.00
28/11/2023 07:50	6.5	245	13	8.9	0.00
28/11/2023 08:00	6.5	252	12	8.3	0.00
28/11/2023 08:10	6.6	256	13	8.9	0.00
28/11/2023 08:20	6.1	248	15	9.3	0.00
28/11/2023 08:30	6.0	246	12	8.3	0.00
28/11/2023 08:40	6.2	248	13	8.1	0.00
28/11/2023 08:50	6.8	255	11	9.1	0.00
28/11/2023 09:00	6.7	252	12	9.9	0.00
28/11/2023 09:10	6.7	255	11	8.7	0.00
28/11/2023 09:20	6.8	258	11	9.1	0.00
28/11/2023 09:30	6.7	256	13	8.5	0.00
28/11/2023 09:40	6.6	253	14	8.6	0.00
28/11/2023 09:50	6.7	256	13	8.7	0.00
28/11/2023 10:00	6.5	258	15	9.5	0.00
28/11/2023 10:10	6.4	261	13	8.7	0.00
28/11/2023 10:20	7.1	258	13	10.1	0.00
28/11/2023 10:30	7.1	263	12	9.5	0.00
28/11/2023 10:40	7.9	264	11	11.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 10:50	7.5	267	14	9.8	0.00
28/11/2023 11:00	7.4	265	14	9.9	0.00
28/11/2023 11:10	6.9	262	14	9.3	0.00
28/11/2023 11:20	7.6	264	13	10.4	0.00
28/11/2023 11:30	7.7	263	12	10.1	0.00
28/11/2023 11:40	7.5	264	15	9.9	0.00
28/11/2023 11:50	7.5	264	11	10.1	0.00
28/11/2023 12:00	7.7	260	12	10.2	0.00
28/11/2023 12:10	7.7	266	14	10.4	0.00
28/11/2023 12:20	7.7	261	14	10.1	0.00
28/11/2023 12:30	7.5	267	14	10.3	0.00
28/11/2023 12:40	7.8	264	12	10.6	0.00
28/11/2023 12:50	8.6	263	11	11.0	0.00
28/11/2023 13:00	7.5	265	14	9.7	0.00
28/11/2023 13:10	7.7	263	14	10.3	0.00
28/11/2023 13:20	8.2	263	14	9.9	0.00
28/11/2023 13:30	8.5	260	9	11.2	0.00
28/11/2023 13:40	8.0	262	15	10.4	0.00
28/11/2023 13:50	8.1	264	15	10.7	0.00
28/11/2023 14:00	7.9	263	12	10.6	0.00
28/11/2023 14:10	7.4	263	13	10.0	0.00
28/11/2023 14:20	7.7	266	13	10.0	0.00
28/11/2023 14:30	7.5	266	15	10.6	0.00
28/11/2023 14:40	7.4	266	13	10.3	0.00
28/11/2023 14:50	7.3	264	11	10.6	0.00
28/11/2023 15:00	7.3	262	11	10.5	0.00
28/11/2023 15:10	7.7	263	12	9.7	0.00
28/11/2023 15:20	7.4	264	13	9.9	0.00
28/11/2023 15:30	8.2	259	11	10.5	0.00
28/11/2023 15:40	8.0	263	10	10.4	0.00
28/11/2023 15:50	7.7	265	12	10.3	0.00
28/11/2023 16:00	8.1	259	13	10.7	0.00
28/11/2023 16:10	7.5	266	13	10.1	0.00
28/11/2023 16:20	7.7	263	12	10.0	0.00
28/11/2023 16:30	8.2	263	12	10.6	0.00
28/11/2023 16:40	7.4	262	13	10.3	0.00
28/11/2023 16:50	7.7	264	12	10.7	0.00
28/11/2023 17:00	8.4	263	12	11.2	0.00
28/11/2023 17:10	8.3	263	12	11.5	0.00
28/11/2023 17:20	9.2	260	10	11.5	0.00
28/11/2023 17:30	8.9	260	10	12.0	0.00
28/11/2023 17:40	8.8	260	10	11.5	0.00
28/11/2023 17:50	8.0	262	11	11.6	0.00
28/11/2023 18:00	8.5	260	10	11.3	0.00
28/11/2023 18:10	7.6	263	12	10.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 18:20	7.8	260	12	10.4	0.00
28/11/2023 18:30	8.2	264	10	11.1	0.00
28/11/2023 18:40	8.3	262	10	10.7	0.00
28/11/2023 18:50	8.1	263	11	10.7	0.00
28/11/2023 19:00	7.5	260	12	10.5	0.00
28/11/2023 19:10	6.9	261	12	9.7	0.00
28/11/2023 19:20	7.7	260	11	10.3	0.00
28/11/2023 19:30	7.9	261	11	10.8	0.00
28/11/2023 19:40	7.9	260	11	10.6	0.00
28/11/2023 19:50	7.7	260	11	10.7	0.00
28/11/2023 20:00	8.4	261	11	11.8	0.00
28/11/2023 20:10	8.0	260	10	10.5	0.00
28/11/2023 20:20	8.4	260	11	11.0	0.00
28/11/2023 20:30	7.1	258	12	10.3	0.00
28/11/2023 20:40	7.0	257	13	9.1	0.00
28/11/2023 20:50	8.1	259	11	11.0	0.00
28/11/2023 21:00	8.0	253	12	10.5	0.00
28/11/2023 21:10	7.8	253	12	11.0	0.00
28/11/2023 21:20	7.7	252	13	10.0	0.00
28/11/2023 21:30	7.3	252	10	10.8	0.00
28/11/2023 21:40	8.3	255	11	11.1	0.00
28/11/2023 21:50	7.8	254	10	10.1	0.00
28/11/2023 22:00	8.0	252	12	10.7	0.00
28/11/2023 22:10	7.3	254	11	10.3	0.00
28/11/2023 22:20	8.1	253	11	10.7	0.00
28/11/2023 22:30	8.4	253	12	11.4	0.00
28/11/2023 22:40	7.8	254	11	10.7	0.00
28/11/2023 22:50	7.5	253	13	9.8	0.00
28/11/2023 23:00	8.3	247	12	11.1	0.00
28/11/2023 23:10	7.2	250	12	10.9	0.00
28/11/2023 23:20	7.8	253	11	11.3	0.00
28/11/2023 23:30	7.7	254	12	10.5	0.00
28/11/2023 23:40	7.2	253	12	10.1	0.00
28/11/2023 23:50	7.5	247	12	10.7	0.00
29/11/2023 00:00	7.0	250	13	9.5	0.00
29/11/2023 00:10	6.7	250	12	9.5	0.00
29/11/2023 00:20	7.6	247	14	10.9	0.00
29/11/2023 00:30	7.1	244	14	10.7	0.00
29/11/2023 00:40	7.5	246	13	10.0	0.00
29/11/2023 00:50	7.1	249	15	9.1	0.00
29/11/2023 01:00	7.2	251	13	9.7	0.00
29/11/2023 01:10	6.6	250	12	9.1	0.00
29/11/2023 01:20	6.9	251	12	9.9	0.00
29/11/2023 01:30	5.7	251	13	7.9	0.00
29/11/2023 01:40	5.8	253	15	8.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 01:50	6.1	252	12	8.9	0.00
29/11/2023 02:00	6.0	248	14	8.6	0.00
29/11/2023 02:10	6.7	252	11	8.3	0.00
29/11/2023 02:20	6.6	255	10	8.7	0.00
29/11/2023 02:30	6.4	255	11	9.0	0.00
29/11/2023 02:40	6.8	255	11	9.1	0.00
29/11/2023 02:50	7.4	255	12	9.7	0.00
29/11/2023 03:00	7.1	254	9	9.5	0.00
29/11/2023 03:10	7.7	255	11	9.7	0.00
29/11/2023 03:20	7.4	252	11	10.0	0.00
29/11/2023 03:30	7.1	253	12	9.5	0.00
29/11/2023 03:40	7.6	254	12	9.9	0.00
29/11/2023 03:50	7.4	252	11	10.3	0.00
29/11/2023 04:00	7.0	254	11	9.7	0.00
29/11/2023 04:10	7.6	253	12	10.3	0.00
29/11/2023 04:20	7.6	253	11	9.9	0.00
29/11/2023 04:30	7.7	253	12	10.7	0.00
29/11/2023 04:40	6.9	255	10	10.2	0.00
29/11/2023 04:50	7.1	252	11	9.1	0.00
29/11/2023 05:00	7.7	256	11	10.1	0.00
29/11/2023 05:10	6.8	251	12	9.9	0.00
29/11/2023 05:20	6.8	253	11	10.0	0.00
29/11/2023 05:30	7.0	255	11	9.2	0.00
29/11/2023 05:40	6.5	254	11	8.9	0.00
29/11/2023 05:50	6.5	254	12	8.7	0.00
29/11/2023 06:00	6.4	255	10	9.1	0.00
29/11/2023 06:10	6.8	254	10	9.6	0.00
29/11/2023 06:20	6.7	254	12	8.9	0.00
29/11/2023 06:30	7.0	256	11	9.1	0.00
29/11/2023 06:40	7.2	255	10	8.7	0.00
29/11/2023 06:50	5.9	253	11	8.1	0.00
29/11/2023 07:00	6.2	252	13	8.3	0.00
29/11/2023 07:10	6.0	252	13	7.8	0.00
29/11/2023 07:20	5.7	249	12	7.5	0.00
29/11/2023 07:30	5.6	250	13	7.5	0.00
29/11/2023 07:40	5.7	251	11	7.3	0.00
29/11/2023 07:50	5.4	254	11	7.2	0.00
29/11/2023 08:00	5.5	256	12	7.8	0.00
29/11/2023 08:10	5.8	253	11	7.8	0.00
29/11/2023 08:20	5.6	254	13	7.9	0.00
29/11/2023 08:30	5.7	251	13	7.6	0.00
29/11/2023 08:40	5.3	258	14	6.8	0.00
29/11/2023 08:50	5.1	258	12	6.8	0.00
29/11/2023 09:00	5.4	260	12	7.1	0.00
29/11/2023 09:10	6.0	262	11	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 09:20	5.7	267	13	7.5	0.00
29/11/2023 09:30	5.8	266	13	7.8	0.00
29/11/2023 09:40	6.3	262	13	7.9	0.00
29/11/2023 09:50	6.2	267	12	8.1	0.00
29/11/2023 10:00	6.2	268	14	8.9	0.00
29/11/2023 10:10	6.3	266	13	7.9	0.00
29/11/2023 10:20	5.9	262	12	8.3	0.00
29/11/2023 10:30	6.4	263	12	7.7	0.00
29/11/2023 10:40	6.0	263	13	8.1	0.00
29/11/2023 10:50	6.4	267	15	8.1	0.00
29/11/2023 11:00	6.5	261	14	8.6	0.00
29/11/2023 11:10	6.8	258	10	8.5	0.00
29/11/2023 11:20	6.4	256	9	8.3	0.00
29/11/2023 11:30	6.1	259	12	8.2	0.00
29/11/2023 11:40	5.8	264	16	8.0	0.00
29/11/2023 11:50	6.0	263	11	8.3	0.00
29/11/2023 12:00	6.5	260	14	8.6	0.00
29/11/2023 12:10	6.7	259	9	8.3	0.00
29/11/2023 12:20	5.5	281	17	7.5	0.00
29/11/2023 12:30	5.5	295	13	7.9	0.00
29/11/2023 12:40	6.1	297	12	8.5	0.00
29/11/2023 12:50	6.0	299	15	8.4	0.00
29/11/2023 13:00	6.3	298	13	8.3	0.00
29/11/2023 13:10	6.4	296	12	8.8	0.00
29/11/2023 13:20	6.5	292	15	8.7	0.00
29/11/2023 13:30	6.1	293	14	8.7	0.00
29/11/2023 13:40	6.3	294	15	8.4	0.00
29/11/2023 13:50	6.5	292	16	8.6	0.00
29/11/2023 14:00	7.1	295	13	9.7	0.00
29/11/2023 14:10	6.0	288	15	8.8	0.00
29/11/2023 14:20	6.7	289	16	8.9	0.00
29/11/2023 14:30	7.0	293	13	9.8	0.00
29/11/2023 14:40	6.4	284	16	9.9	0.00
29/11/2023 14:50	6.8	286	16	9.6	0.00
29/11/2023 15:00	6.7	284	14	9.8	0.00
29/11/2023 15:10	7.6	288	15	10.1	0.00
29/11/2023 15:20	8.0	290	12	11.2	0.00
29/11/2023 15:30	8.2	292	14	11.5	0.00
29/11/2023 15:40	7.5	288	15	10.3	0.00
29/11/2023 15:50	7.0	281	18	9.5	0.00
29/11/2023 16:00	6.7	281	17	9.8	0.00
29/11/2023 16:10	7.2	282	17	10.1	0.00
29/11/2023 16:20	6.3	282	19	9.3	0.00
29/11/2023 16:30	6.6	286	15	9.6	0.00
29/11/2023 16:40	7.2	288	15	9.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 16:50	6.6	283	15	9.1	0.00
29/11/2023 17:00	6.6	287	15	9.0	0.00
29/11/2023 17:10	6.3	286	15	8.7	0.00
29/11/2023 17:20	6.2	292	14	9.5	0.00
29/11/2023 17:30	6.9	288	15	9.7	0.00
29/11/2023 17:40	6.0	286	17	8.4	0.00
29/11/2023 17:50	6.3	286	12	8.7	0.00
29/11/2023 18:00	5.7	281	16	8.4	0.00
29/11/2023 18:10	5.1	274	17	7.9	0.00
29/11/2023 18:20	5.6	275	17	8.3	0.00
29/11/2023 18:30	5.4	271	17	7.3	0.00
29/11/2023 18:40	5.5	266	14	7.5	0.00
29/11/2023 18:50	5.8	275	13	8.1	0.00
29/11/2023 19:00	5.6	271	14	7.9	0.00
29/11/2023 19:10	6.1	269	12	8.5	0.00
29/11/2023 19:20	6.5	265	11	8.6	0.00
29/11/2023 19:30	6.4	264	12	8.8	0.00
29/11/2023 19:40	6.1	270	13	8.3	0.00
29/11/2023 19:50	5.8	268	12	8.3	0.00
29/11/2023 20:00	6.0	267	14	8.3	0.00
29/11/2023 20:10	6.3	265	12	8.6	0.00
29/11/2023 20:20	6.0	267	14	8.1	0.00
29/11/2023 20:30	6.0	262	11	8.3	0.00
29/11/2023 20:40	6.2	265	11	8.5	0.00
29/11/2023 20:50	6.3	264	11	9.6	0.00
29/11/2023 21:00	6.8	260	10	9.0	0.00
29/11/2023 21:10	7.3	262	10	10.1	0.00
29/11/2023 21:20	6.9	258	10	9.1	0.00
29/11/2023 21:30	7.3	261	10	9.7	0.00
29/11/2023 21:40	7.2	261	9	10.1	0.00
29/11/2023 21:50	7.2	260	10	9.8	0.00
29/11/2023 22:00	6.7	259	11	8.7	0.00
29/11/2023 22:10	6.4	259	11	8.5	0.00
29/11/2023 22:20	6.8	261	10	9.3	0.00
29/11/2023 22:30	6.5	260	11	8.8	0.00
29/11/2023 22:40	6.7	261	11	8.8	0.00
29/11/2023 22:50	6.3	260	10	8.2	0.00
29/11/2023 23:00	6.5	260	9	8.4	0.00
29/11/2023 23:10	6.0	259	11	7.9	0.00
29/11/2023 23:20	6.4	259	10	8.3	0.00
29/11/2023 23:30	6.3	259	12	8.1	0.00
29/11/2023 23:40	6.1	257	12	8.3	0.00
29/11/2023 23:50	6.1	259	11	8.7	0.00
30/11/2023 00:00	5.8	262	12	7.9	0.00
30/11/2023 00:10	6.3	261	12	8.3	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 00:20	5.8	256	11	8.3	0.00
30/11/2023 00:30	6.1	258	11	7.9	0.00
30/11/2023 00:40	6.2	262	11	8.2	0.00
30/11/2023 00:50	6.0	259	11	7.9	0.00
30/11/2023 01:00	6.0	263	9	7.9	0.00
30/11/2023 01:10	6.1	264	9	8.1	0.00
30/11/2023 01:20	5.8	263	11	7.9	0.00
30/11/2023 01:30	5.9	260	10	7.7	0.00
30/11/2023 01:40	5.8	261	11	8.0	0.00
30/11/2023 01:50	5.4	261	12	7.7	0.00
30/11/2023 02:00	5.7	260	10	7.5	0.00
30/11/2023 02:10	5.3	257	12	7.5	0.00
30/11/2023 02:20	5.6	257	12	7.3	0.00
30/11/2023 02:30	5.6	258	11	7.2	0.00
30/11/2023 02:40	5.7	260	11	7.6	0.00
30/11/2023 02:50	5.9	263	11	7.3	0.00
30/11/2023 03:00	5.3	263	10	7.1	0.00
30/11/2023 03:10	5.9	261	8	7.7	0.00
30/11/2023 03:20	5.5	256	11	7.3	0.00
30/11/2023 03:30	5.6	259	10	8.1	0.00
30/11/2023 03:40	5.5	261	10	6.9	0.00
30/11/2023 03:50	5.5	262	10	7.7	0.00
30/11/2023 04:00	5.4	261	11	7.2	0.00
30/11/2023 04:10	5.4	260	11	7.1	0.00
30/11/2023 04:20	5.4	259	11	7.5	0.00
30/11/2023 04:30	5.5	259	10	7.7	0.00
30/11/2023 04:40	5.7	263	10	7.5	0.00
30/11/2023 04:50	5.1	257	12	6.8	0.00
30/11/2023 05:00	5.2	256	10	7.5	0.00
30/11/2023 05:10	5.4	260	10	6.9	0.00
30/11/2023 05:20	5.0	259	11	6.6	0.00
30/11/2023 05:30	4.8	261	9	6.4	0.00
30/11/2023 05:40	5.0	259	11	6.8	0.00
30/11/2023 05:50	5.0	258	12	6.8	0.00
30/11/2023 06:00	5.3	253	11	7.5	0.00
30/11/2023 06:10	4.9	251	10	6.5	0.00
30/11/2023 06:20	4.8	250	12	6.9	0.00
30/11/2023 06:30	4.8	252	13	6.4	0.00
30/11/2023 06:40	4.7	250	13	6.5	0.00
30/11/2023 06:50	4.9	247	13	6.4	0.00
30/11/2023 07:00	4.2	245	13	6.4	0.00
30/11/2023 07:10	4.7	240	12	6.4	0.00
30/11/2023 07:20	4.7	243	12	6.9	0.00
30/11/2023 07:30	4.9	248	13	6.7	0.00
30/11/2023 07:40	5.1	251	15	7.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 07:50	5.5	253	11	7.5	0.00
30/11/2023 08:00	5.9	251	12	7.7	0.00
30/11/2023 08:10	5.4	257	13	7.4	0.00
30/11/2023 08:20	5.6	258	12	7.5	0.00
30/11/2023 08:30	5.9	256	12	7.7	0.00
30/11/2023 08:40	5.6	254	13	7.5	0.00
30/11/2023 08:50	6.0	257	11	7.5	0.00
30/11/2023 09:00	5.8	263	12	7.4	0.00
30/11/2023 09:10	5.6	263	13	7.2	0.00
30/11/2023 09:20	5.6	265	14	7.5	0.00
30/11/2023 09:30	5.4	259	12	7.3	0.00
30/11/2023 09:40	5.8	261	9	7.3	0.00
30/11/2023 09:50	5.5	269	15	7.0	0.00
30/11/2023 10:00	5.7	265	14	7.6	0.00
30/11/2023 10:10	5.6	264	16	7.5	0.00
30/11/2023 10:20	5.0	271	17	6.9	0.00
30/11/2023 10:30	5.4	264	15	7.4	0.00
30/11/2023 10:40	5.7	263	15	7.8	0.00
30/11/2023 10:50	5.5	267	12	7.5	0.00
30/11/2023 11:00	5.1	259	14	7.1	0.00
30/11/2023 11:10	4.8	258	16	6.9	0.00
30/11/2023 11:20	5.1	251	13	6.6	0.00
30/11/2023 11:30	5.3	249	13	7.5	0.00
30/11/2023 11:40	5.2	254	11	6.9	0.00
30/11/2023 11:50	5.5	263	14	6.8	0.00
30/11/2023 12:00	5.8	256	12	7.3	0.00
30/11/2023 12:10	5.5	263	13	7.5	0.00
30/11/2023 12:20	5.5	264	15	7.3	0.00
30/11/2023 12:30	5.4	274	18	8.0	0.00
30/11/2023 12:40	5.8	295	15	7.8	0.00
30/11/2023 12:50	6.1	291	13	7.8	0.00
30/11/2023 13:00	6.3	289	13	8.3	0.00
30/11/2023 13:10	6.0	297	13	8.0	0.00
30/11/2023 13:20	6.2	297	12	8.1	0.00
30/11/2023 13:30	6.1	295	15	8.5	0.00
30/11/2023 13:40	5.9	298	14	8.4	0.00
30/11/2023 13:50	5.7	306	12	8.0	0.00
30/11/2023 14:00	5.9	293	14	8.1	0.00
30/11/2023 14:10	6.0	293	12	8.3	0.00
30/11/2023 14:20	6.1	290	15	8.7	0.00
30/11/2023 14:30	6.4	293	14	8.3	0.00
30/11/2023 14:40	6.0	292	14	8.0	0.00
30/11/2023 14:50	6.1	298	16	8.2	0.00
30/11/2023 15:00	5.7	290	16	8.2	0.00
30/11/2023 15:10	6.4	289	16	9.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 15:20	6.4	296	14	8.6	0.00
30/11/2023 15:30	6.3	293	12	8.7	0.00
30/11/2023 15:40	6.5	294	14	8.8	0.00
30/11/2023 15:50	6.9	293	14	9.5	0.00
30/11/2023 16:00	6.7	289	13	9.1	0.00
30/11/2023 16:10	6.9	295	11	9.2	0.00
30/11/2023 16:20	6.6	292	13	9.0	0.00
30/11/2023 16:30	5.8	287	15	8.3	0.00
30/11/2023 16:40	6.5	294	11	8.7	0.00
30/11/2023 16:50	5.7	293	15	7.7	0.00
30/11/2023 17:00	5.5	291	14	7.4	0.00
30/11/2023 17:10	5.0	282	17	7.2	0.00
30/11/2023 17:20	5.5	270	16	7.8	0.00
30/11/2023 17:30	5.3	277	16	7.8	0.00
30/11/2023 17:40	5.3	264	12	7.5	0.00
30/11/2023 17:50	4.8	278	16	7.5	0.00
30/11/2023 18:00	4.9	270	14	7.8	0.00
30/11/2023 18:10	5.6	268	13	7.5	0.00
30/11/2023 18:20	5.8	268	14	7.3	0.00
30/11/2023 18:30	5.1	274	15	7.0	0.00
30/11/2023 18:40	6.0	271	14	7.9	0.00
30/11/2023 18:50	5.7	270	13	7.2	0.00
30/11/2023 19:00	6.4	264	11	8.9	0.00
30/11/2023 19:10	6.7	263	11	9.3	0.00
30/11/2023 19:20	6.7	260	12	9.1	0.00
30/11/2023 19:30	7.0	260	10	9.3	0.00
30/11/2023 19:40	6.6	263	10	9.0	0.00
30/11/2023 19:50	6.9	261	10	9.5	0.00
30/11/2023 20:00	6.0	260	12	7.7	0.00
30/11/2023 20:10	6.5	257	9	9.0	0.00
30/11/2023 20:20	6.6	256	11	8.8	0.00
30/11/2023 20:30	6.5	257	13	8.7	0.00
30/11/2023 20:40	6.6	259	12	9.1	0.00
30/11/2023 20:50	6.3	258	11	8.7	0.00
30/11/2023 21:00	6.8	258	10	9.5	0.00
30/11/2023 21:10	6.1	259	11	8.3	0.00
30/11/2023 21:20	5.6	261	11	7.4	0.00
30/11/2023 21:30	6.3	252	11	8.6	0.00
30/11/2023 21:40	5.7	253	11	7.8	0.00
30/11/2023 21:50	5.5	259	11	7.5	0.00
30/11/2023 22:00	4.7	255	11	7.0	0.00
30/11/2023 22:10	5.1	255	10	6.9	0.00
30/11/2023 22:20	4.9	251	12	6.5	0.00
30/11/2023 22:30	5.3	252	11	7.5	0.00
30/11/2023 22:40	5.1	253	11	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 22:50	5.2	253	11	7.1	0.00
30/11/2023 23:00	4.6	251	12	6.5	0.00
30/11/2023 23:10	4.4	254	11	6.5	0.00
30/11/2023 23:20	4.0	257	13	6.2	0.00
30/11/2023 23:30	4.5	258	11	6.8	0.00
30/11/2023 23:40	5.2	261	12	7.2	0.00
30/11/2023 23:50	5.2	255	11	7.6	0.00
01/12/2023 00:00	5.1	256	11	6.8	0.00
01/12/2023 00:10	4.8	256	11	6.5	0.00
01/12/2023 00:20	4.9	252	11	6.5	0.00
01/12/2023 00:30	5.1	251	12	7.0	0.00
01/12/2023 00:40	6.0	254	10	7.9	0.00
01/12/2023 00:50	5.1	253	10	6.9	0.00
01/12/2023 01:00	5.7	253	10	7.4	0.00
01/12/2023 01:10	5.1	255	10	7.0	0.00
01/12/2023 01:20	5.2	258	9	7.2	0.00
01/12/2023 01:30	5.0	260	12	7.0	0.00
01/12/2023 01:40	4.9	259	11	6.6	0.00
01/12/2023 01:50	5.5	262	10	7.3	0.00
01/12/2023 02:00	5.5	262	10	7.7	0.00
01/12/2023 02:10	5.1	260	11	6.7	0.00
01/12/2023 02:20	5.3	263	11	7.2	0.00
01/12/2023 02:30	5.2	263	10	7.2	0.00
01/12/2023 02:40	5.4	261	11	7.2	0.00
01/12/2023 02:50	5.9	261	13	7.7	0.00
01/12/2023 03:00	6.0	259	9	7.9	0.00
01/12/2023 03:10	5.1	257	12	7.2	0.00
01/12/2023 03:20	5.1	256	10	7.2	0.00
01/12/2023 03:30	4.9	257	12	6.8	0.00
01/12/2023 03:40	5.3	257	13	7.1	0.00
01/12/2023 03:50	5.0	259	12	7.0	0.00
01/12/2023 04:00	5.6	260	10	7.5	0.00
01/12/2023 04:10	5.5	262	9	7.2	0.00
01/12/2023 04:20	5.3	259	11	7.6	0.00
01/12/2023 04:30	5.6	259	11	7.1	0.00
01/12/2023 04:40	5.3	257	10	7.5	0.00
01/12/2023 04:50	5.6	258	12	8.1	0.00
01/12/2023 05:00	4.9	259	11	7.1	0.00
01/12/2023 05:10	5.8	255	11	8.3	0.00
01/12/2023 05:20	5.9	256	9	8.2	0.00
01/12/2023 05:30	5.7	253	9	7.9	0.00
01/12/2023 05:40	5.1	256	11	6.8	0.00
01/12/2023 05:50	5.1	253	11	7.0	0.00
01/12/2023 06:00	5.9	250	11	7.5	0.00
01/12/2023 06:10	5.2	254	10	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 06:20	5.0	252	12	6.8	0.00
01/12/2023 06:30	4.7	248	12	6.6	0.00
01/12/2023 06:40	4.7	251	13	6.4	0.00
01/12/2023 06:50	5.0	242	13	6.8	0.00
01/12/2023 07:00	5.6	253	10	7.9	0.00
01/12/2023 07:10	5.2	248	13	6.9	0.00
01/12/2023 07:20	5.3	249	13	7.0	0.00
01/12/2023 07:30	5.8	249	12	7.8	0.00
01/12/2023 07:40	5.3	253	12	6.7	0.00
01/12/2023 07:50	5.5	254	13	7.2	0.00
01/12/2023 08:00	6.1	258	12	8.3	0.00
01/12/2023 08:10	6.2	254	13	8.1	0.00
01/12/2023 08:20	5.8	261	11	8.0	0.00
01/12/2023 08:30	5.9	256	12	8.1	0.00
01/12/2023 08:40	6.2	260	13	8.5	0.00
01/12/2023 08:50	6.1	255	12	8.2	0.00
01/12/2023 09:00	6.5	258	13	8.9	0.00
01/12/2023 09:10	6.3	258	11	9.3	0.00
01/12/2023 09:20	6.4	258	12	9.1	0.00
01/12/2023 09:30	6.7	262	14	9.3	0.00
01/12/2023 09:40	7.2	261	11	9.3	0.00
01/12/2023 09:50	7.7	264	11	10.1	0.00
01/12/2023 10:00	6.7	261	14	8.9	0.00
01/12/2023 10:10	7.2	264	12	9.5	0.00
01/12/2023 10:20	7.9	264	13	10.6	0.00
01/12/2023 10:30	8.2	260	10	10.7	0.00
01/12/2023 10:40	7.7	261	10	10.3	0.00
01/12/2023 10:50	6.8	262	13	9.6	0.00
01/12/2023 11:00	7.4	263	12	9.9	0.00
01/12/2023 11:10	7.5	262	14	9.8	0.00
01/12/2023 11:20	8.5	264	11	10.5	0.00
01/12/2023 11:30	8.4	261	10	11.8	0.00
01/12/2023 11:40	7.6	265	12	10.3	0.00
01/12/2023 11:50	8.3	258	11	11.0	0.00
01/12/2023 12:00	8.2	262	12	10.8	0.00
01/12/2023 12:10	7.8	263	13	10.9	0.00
01/12/2023 12:20	8.1	260	12	10.3	0.00
01/12/2023 12:30	8.2	262	13	10.8	0.00
01/12/2023 12:40	7.8	264	12	10.6	0.00
01/12/2023 12:50	8.4	265	11	10.9	0.00
01/12/2023 13:00	7.8	262	12	10.7	0.00
01/12/2023 13:10	8.2	260	10	10.9	0.00
01/12/2023 13:20	8.0	260	11	10.3	0.00
01/12/2023 13:30	7.7	260	11	10.7	0.00
01/12/2023 13:40	7.4	261	13	9.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 13:50	7.0	267	13	9.5	0.00
01/12/2023 14:00	7.7	259	11	9.2	0.00
01/12/2023 14:10	7.7	259	11	9.7	0.00
01/12/2023 14:20	7.8	260	10	9.4	0.00
01/12/2023 14:30	7.0	257	13	9.1	0.00
01/12/2023 14:40	6.9	263	11	10.2	0.00
01/12/2023 14:50	7.4	255	11	9.7	0.00
01/12/2023 15:00	7.1	259	13	10.1	0.00
01/12/2023 15:10	6.8	258	12	9.7	0.00
01/12/2023 15:20	7.3	262	12	9.8	0.00
01/12/2023 15:30	7.7	263	11	10.7	0.00
01/12/2023 15:40	8.3	262	11	10.9	0.00
01/12/2023 15:50	7.9	259	10	11.5	0.00
01/12/2023 16:00	7.9	260	11	10.4	0.00
01/12/2023 16:10	8.1	258	8	10.6	0.00
01/12/2023 16:20	7.7	261	13	10.2	0.00
01/12/2023 16:30	7.0	263	12	9.5	0.00
01/12/2023 16:40	6.7	266	14	9.3	0.00
01/12/2023 16:50	5.8	277	15	8.2	0.00
01/12/2023 17:00	5.9	278	17	8.2	0.00
01/12/2023 17:10	6.2	281	16	9.1	0.00
01/12/2023 17:20	5.6	277	18	8.1	0.00
01/12/2023 17:30	5.5	277	17	7.8	0.00
01/12/2023 17:40	5.4	281	17	8.7	0.00
01/12/2023 17:50	5.5	283	18	8.0	0.00
01/12/2023 18:00	5.7	287	16	8.4	0.00
01/12/2023 18:10	6.1	272	16	8.3	0.00
01/12/2023 18:20	5.8	269	17	8.7	0.00
01/12/2023 18:30	6.4	270	15	9.0	0.00
01/12/2023 18:40	5.3	269	13	7.2	0.00
01/12/2023 18:50	6.0	269	14	8.3	0.00
01/12/2023 19:00	6.1	271	15	8.6	0.00
01/12/2023 19:10	5.8	267	14	7.9	0.00
01/12/2023 19:20	4.9	274	18	7.3	0.00
01/12/2023 19:30	5.8	271	15	7.5	0.00
01/12/2023 19:40	5.2	270	15	7.5	0.00
01/12/2023 19:50	5.9	266	12	8.0	0.00
01/12/2023 20:00	6.6	267	13	9.1	0.00
01/12/2023 20:10	5.9	271	16	9.0	0.00
01/12/2023 20:20	6.2	266	13	8.3	0.00
01/12/2023 20:30	6.2	264	12	8.8	0.00
01/12/2023 20:40	6.5	264	14	9.3	0.00
01/12/2023 20:50	6.9	264	12	9.4	0.00
01/12/2023 21:00	6.5	267	13	8.9	0.00
01/12/2023 21:10	7.1	262	12	9.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 21:20	6.8	261	12	9.0	0.00
01/12/2023 21:30	7.1	261	10	9.0	0.00
01/12/2023 21:40	7.0	260	10	9.5	0.00
01/12/2023 21:50	7.0	260	11	9.7	0.00
01/12/2023 22:00	6.9	260	9	9.1	0.00
01/12/2023 22:10	6.2	260	10	8.4	0.00
01/12/2023 22:20	6.2	260	10	8.0	0.00
01/12/2023 22:30	6.7	256	12	9.3	0.00
01/12/2023 22:40	6.8	257	11	9.1	0.00
01/12/2023 22:50	6.9	256	11	9.3	0.00
01/12/2023 23:00	7.2	253	10	9.7	0.00
01/12/2023 23:10	6.1	256	11	8.0	0.00
01/12/2023 23:20	6.5	259	11	8.7	0.00
01/12/2023 23:30	6.5	255	11	9.1	0.00
01/12/2023 23:40	6.7	262	10	9.1	0.00
01/12/2023 23:50	6.2	259	11	8.4	0.00
02/12/2023 00:00	6.3	259	12	8.3	0.00
02/12/2023 00:10	6.6	256	10	9.1	0.00
02/12/2023 00:20	6.2	252	12	8.2	0.00
02/12/2023 00:30	6.9	252	11	9.0	0.00
02/12/2023 00:40	6.7	257	11	9.1	0.00
02/12/2023 00:50	6.4	257	12	8.6	0.00
02/12/2023 01:00	6.3	251	11	8.7	0.00
02/12/2023 01:10	6.0	251	11	7.9	0.00
02/12/2023 01:20	5.9	253	11	8.3	0.00
02/12/2023 01:30	5.6	256	10	7.8	0.00
02/12/2023 01:40	5.9	251	12	8.8	0.00
02/12/2023 01:50	6.1	252	12	8.0	0.00
02/12/2023 02:00	5.5	249	12	8.1	0.00
02/12/2023 02:10	5.9	253	10	7.9	0.00
02/12/2023 02:20	5.3	249	13	6.8	0.00
02/12/2023 02:30	4.7	235	13	7.2	0.00
02/12/2023 02:40	4.5	242	12	6.8	0.00
02/12/2023 02:50	5.0	242	12	7.5	0.00
02/12/2023 03:00	5.3	242	12	8.3	0.00
02/12/2023 03:10	5.4	240	13	7.7	0.00
02/12/2023 03:20	5.1	241	12	7.1	0.00
02/12/2023 03:30	5.0	240	13	7.7	0.00
02/12/2023 03:40	4.8	242	14	7.1	0.00
02/12/2023 03:50	5.1	241	12	6.6	0.00
02/12/2023 04:00	5.5	244	12	7.8	0.00
02/12/2023 04:10	5.4	246	12	7.4	0.00
02/12/2023 04:20	5.3	244	12	8.2	0.00
02/12/2023 04:30	4.8	246	12	6.8	0.00
02/12/2023 04:40	4.6	246	11	6.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 04:50	4.5	249	13	6.2	0.00
02/12/2023 05:00	5.7	255	10	7.9	0.00
02/12/2023 05:10	4.8	252	12	6.8	0.00
02/12/2023 05:20	4.9	249	13	6.5	0.00
02/12/2023 05:30	4.4	248	12	6.5	0.00
02/12/2023 05:40	4.7	245	12	6.8	0.00
02/12/2023 05:50	5.2	248	12	7.2	0.00
02/12/2023 06:00	5.3	249	13	8.2	0.00
02/12/2023 06:10	5.3	252	11	7.2	0.00
02/12/2023 06:20	5.6	251	10	7.5	0.00
02/12/2023 06:30	5.2	252	12	6.8	0.00
02/12/2023 06:40	5.5	254	11	7.5	0.00
02/12/2023 06:50	5.0	252	13	6.4	0.00
02/12/2023 07:00	5.2	253	10	7.3	0.00
02/12/2023 07:10	5.1	248	13	6.6	0.00
02/12/2023 07:20	5.6	240	13	7.6	0.00
02/12/2023 07:30	5.7	242	11	7.7	0.00
02/12/2023 07:40	5.6	248	11	7.5	0.00
02/12/2023 07:50	5.7	252	12	7.7	0.00
02/12/2023 08:00	5.4	250	13	7.0	0.00
02/12/2023 08:10	5.9	255	11	7.5	0.00
02/12/2023 08:20	5.6	254	12	7.3	0.00
02/12/2023 08:30	5.1	251	16	7.2	0.00
02/12/2023 08:40	5.3	261	13	7.2	0.00
02/12/2023 08:50	5.5	262	11	7.3	0.00
02/12/2023 09:00	5.8	259	14	7.6	0.00
02/12/2023 09:10	6.2	260	12	8.2	0.00
02/12/2023 09:20	6.2	262	12	7.8	0.00
02/12/2023 09:30	6.3	264	13	7.9	0.00
02/12/2023 09:40	6.3	262	11	8.3	0.00
02/12/2023 09:50	6.7	259	11	8.8	0.00
02/12/2023 10:00	6.1	262	14	8.7	0.00
02/12/2023 10:10	6.5	262	12	8.6	0.00
02/12/2023 10:20	6.6	264	14	9.0	0.00
02/12/2023 10:30	7.1	257	12	9.4	0.00
02/12/2023 10:40	7.2	257	11	9.1	0.00
02/12/2023 10:50	7.0	257	13	9.9	0.00
02/12/2023 11:00	6.9	260	14	9.1	0.00
02/12/2023 11:10	7.8	261	10	9.6	0.00
02/12/2023 11:20	7.5	265	12	9.9	0.00
02/12/2023 11:30	7.9	259	12	10.5	0.00
02/12/2023 11:40	8.4	264	11	10.6	0.00
02/12/2023 11:50	7.8	266	12	10.3	0.00
02/12/2023 12:00	7.8	268	14	10.6	0.00
02/12/2023 12:10	8.2	261	12	10.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 12:20	8.0	260	13	10.7	0.00
02/12/2023 12:30	7.7	260	12	10.6	0.00
02/12/2023 12:40	8.3	262	11	10.2	0.00
02/12/2023 12:50	7.9	265	11	10.4	0.00
02/12/2023 13:00	7.5	264	13	10.4	0.00
02/12/2023 13:10	7.9	262	12	10.5	0.00
02/12/2023 13:20	8.0	262	12	10.6	0.00
02/12/2023 13:30	8.6	262	10	10.4	0.00
02/12/2023 13:40	7.9	261	10	9.9	0.00
02/12/2023 13:50	7.0	268	15	9.7	0.00
02/12/2023 14:00	6.8	293	13	9.2	0.00
02/12/2023 14:10	6.7	292	14	9.2	0.00
02/12/2023 14:20	7.1	297	12	9.2	0.00
02/12/2023 14:30	7.6	298	11	9.9	0.00
02/12/2023 14:40	7.0	292	13	9.6	0.00
02/12/2023 14:50	7.2	290	16	10.0	0.00
02/12/2023 15:00	7.6	292	13	10.0	0.00
02/12/2023 15:10	6.7	291	13	9.3	0.00
02/12/2023 15:20	7.2	292	13	9.8	0.00
02/12/2023 15:30	7.4	294	13	10.3	0.00
02/12/2023 15:40	7.7	295	12	9.9	0.00
02/12/2023 15:50	7.1	295	13	10.0	0.00
02/12/2023 16:00	7.0	293	14	9.8	0.00
02/12/2023 16:10	7.1	294	12	10.3	0.00
02/12/2023 16:20	6.5	293	12	9.1	0.00
02/12/2023 16:30	7.2	292	12	10.2	0.00
02/12/2023 16:40	6.3	290	16	8.8	0.00
02/12/2023 16:50	6.1	293	16	9.5	0.00
02/12/2023 17:00	6.2	293	15	8.4	0.00
02/12/2023 17:10	6.7	293	14	9.2	0.00
02/12/2023 17:20	6.6	291	14	9.5	0.00
02/12/2023 17:30	5.9	287	14	7.9	0.00
02/12/2023 17:40	6.4	292	13	8.7	0.00
02/12/2023 17:50	5.6	284	16	8.4	0.00
02/12/2023 18:00	6.3	275	16	8.9	0.00
02/12/2023 18:10	6.1	272	14	7.9	0.00
02/12/2023 18:20	5.6	272	17	7.8	0.00
02/12/2023 18:30	5.5	272	13	7.6	0.00
02/12/2023 18:40	4.8	273	16	7.0	0.00
02/12/2023 18:50	4.5	281	16	6.8	0.00
02/12/2023 19:00	4.9	279	16	6.8	0.00
02/12/2023 19:10	4.6	282	17	6.7	0.00
02/12/2023 19:20	4.9	285	15	7.0	0.00
02/12/2023 19:30	4.7	280	15	6.8	0.00
02/12/2023 19:40	4.5	278	17	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 19:50	4.9	270	14	7.1	0.00
02/12/2023 20:00	5.0	272	14	7.4	0.00
02/12/2023 20:10	5.1	272	13	7.4	0.00
02/12/2023 20:20	5.2	270	15	7.2	0.00
02/12/2023 20:30	5.4	263	12	7.4	0.00
02/12/2023 20:40	4.7	270	14	6.5	0.00
02/12/2023 20:50	5.1	268	13	7.0	0.00
02/12/2023 21:00	4.9	264	11	6.7	0.00
02/12/2023 21:10	5.3	264	11	7.1	0.00
02/12/2023 21:20	4.6	264	12	6.3	0.00
02/12/2023 21:30	5.2	263	11	7.0	0.00
02/12/2023 21:40	5.0	262	10	7.2	0.00
02/12/2023 21:50	5.4	262	11	7.5	0.00
02/12/2023 22:00	5.2	261	10	7.2	0.00
02/12/2023 22:10	4.8	264	11	6.8	0.00
02/12/2023 22:20	4.7	264	11	6.6	0.00
02/12/2023 22:30	4.5	262	12	6.3	0.00
02/12/2023 22:40	4.4	263	10	6.2	0.00
02/12/2023 22:50	4.7	260	10	6.3	0.00
02/12/2023 23:00	4.7	261	10	6.0	0.00
02/12/2023 23:10	5.1	260	8	6.6	0.00
02/12/2023 23:20	4.3	259	11	6.0	0.00
02/12/2023 23:30	4.0	261	11	5.5	0.00
02/12/2023 23:40	4.4	256	12	6.0	0.00
02/12/2023 23:50	4.7	253	11	6.4	0.00
03/12/2023 00:00	4.6	256	10	6.0	0.00
03/12/2023 00:10	4.4	259	11	6.4	0.00
03/12/2023 00:20	4.6	259	10	6.0	0.00
03/12/2023 00:30	5.1	260	11	7.2	0.00
03/12/2023 00:40	5.0	258	9	6.4	0.00
03/12/2023 00:50	4.0	261	12	6.4	0.00
03/12/2023 01:00	4.4	259	12	6.4	0.00
03/12/2023 01:10	4.8	261	9	6.8	0.00
03/12/2023 01:20	5.0	260	11	6.9	0.00
03/12/2023 01:30	4.6	260	11	6.3	0.00
03/12/2023 01:40	4.8	257	11	6.8	0.00
03/12/2023 01:50	4.5	257	11	6.3	0.00
03/12/2023 02:00	4.4	258	11	6.8	0.00
03/12/2023 02:10	4.6	261	12	6.3	0.00
03/12/2023 02:20	4.7	261	9	6.4	0.00
03/12/2023 02:30	4.8	262	10	6.5	0.00
03/12/2023 02:40	4.6	260	11	6.4	0.00
03/12/2023 02:50	5.0	261	13	6.4	0.00
03/12/2023 03:00	4.6	260	10	6.2	0.00
03/12/2023 03:10	5.0	262	9	6.6	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 03:20	4.7	257	11	6.3	0.00
03/12/2023 03:30	4.8	259	10	6.8	0.00
03/12/2023 03:40	4.7	259	9	6.7	0.00
03/12/2023 03:50	4.7	260	11	6.5	0.00
03/12/2023 04:00	4.6	257	11	6.4	0.00
03/12/2023 04:10	4.3	255	10	6.0	0.00
03/12/2023 04:20	5.0	255	10	6.6	0.00
03/12/2023 04:30	5.1	253	12	6.6	0.00
03/12/2023 04:40	4.6	256	11	6.2	0.00
03/12/2023 04:50	4.4	258	12	6.5	0.00
03/12/2023 05:00	4.4	258	11	6.0	0.00
03/12/2023 05:10	5.1	259	9	6.7	0.00
03/12/2023 05:20	4.4	258	11	6.3	0.00
03/12/2023 05:30	4.6	258	10	6.4	0.00
03/12/2023 05:40	4.3	257	10	6.2	0.00
03/12/2023 05:50	4.0	261	11	5.4	0.00
03/12/2023 06:00	3.8	257	10	5.6	0.00
03/12/2023 06:10	4.5	260	10	5.8	0.00
03/12/2023 06:20	4.2	255	11	6.3	0.00
03/12/2023 06:30	4.9	257	12	6.7	0.00
03/12/2023 06:40	4.9	253	11	6.6	0.00
03/12/2023 06:50	4.6	250	12	6.4	0.00
03/12/2023 07:00	4.7	254	12	6.0	0.00
03/12/2023 07:10	4.9	258	10	7.0	0.00
03/12/2023 07:20	5.3	260	12	7.3	0.00
03/12/2023 07:30	5.5	263	11	7.7	0.00
03/12/2023 07:40	5.3	258	14	7.1	0.00
03/12/2023 07:50	5.8	258	11	7.9	0.00
03/12/2023 08:00	5.7	254	12	7.9	0.00
03/12/2023 08:10	5.8	260	12	7.6	0.00
03/12/2023 08:20	5.0	257	14	7.5	0.00
03/12/2023 08:30	5.6	260	12	7.5	0.00
03/12/2023 08:40	5.4	259	12	7.3	0.00
03/12/2023 08:50	5.7	262	13	7.4	0.00
03/12/2023 09:00	5.6	263	12	7.8	0.00
03/12/2023 09:10	5.3	262	13	6.9	0.00
03/12/2023 09:20	5.2	258	13	6.8	0.00
03/12/2023 09:30	5.1	256	14	6.8	0.00
03/12/2023 09:40	4.7	266	19	6.3	0.00
03/12/2023 09:50	5.7	255	15	7.3	0.00
03/12/2023 10:00	5.6	253	12	7.4	0.00
03/12/2023 10:10	5.6	263	13	7.4	0.00
03/12/2023 10:20	5.1	260	15	6.7	0.00
03/12/2023 10:30	5.4	270	16	7.2	0.00
03/12/2023 10:40	5.0	273	19	6.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 10:50	4.9	263	17	7.4	0.00
03/12/2023 11:00	4.9	264	19	6.6	0.00
03/12/2023 11:10	4.5	271	18	5.9	0.00
03/12/2023 11:20	4.0	273	19	5.7	0.00
03/12/2023 11:30	4.7	300	20	6.4	0.00
03/12/2023 11:40	5.4	308	14	8.1	0.00
03/12/2023 11:50	5.7	307	16	7.9	0.00
03/12/2023 12:00	6.0	297	15	8.3	0.00
03/12/2023 12:10	6.1	299	15	8.7	0.00
03/12/2023 12:20	6.0	296	16	8.5	0.00
03/12/2023 12:30	5.9	298	15	8.0	0.00
03/12/2023 12:40	5.8	298	16	8.0	0.00
03/12/2023 12:50	6.3	293	12	8.7	0.00
03/12/2023 13:00	6.5	292	13	9.5	0.00
03/12/2023 13:10	6.5	297	14	9.4	0.00
03/12/2023 13:20	6.3	297	13	8.4	0.00
03/12/2023 13:30	5.9	297	16	8.3	0.00
03/12/2023 13:40	6.0	298	15	8.7	0.00
03/12/2023 13:50	5.5	300	16	7.9	0.00
03/12/2023 14:00	5.4	299	19	7.5	0.00
03/12/2023 14:10	5.9	301	15	8.3	0.00
03/12/2023 14:20	6.3	298	12	8.2	0.00
03/12/2023 14:30	5.8	299	13	8.5	0.00
03/12/2023 14:40	5.8	297	15	7.9	0.00
03/12/2023 14:50	5.7	302	14	8.6	0.00
03/12/2023 15:00	6.0	296	12	8.3	0.00
03/12/2023 15:10	5.8	295	16	8.4	0.00
03/12/2023 15:20	5.6	298	15	7.6	0.00
03/12/2023 15:30	5.4	296	17	7.3	0.00
03/12/2023 15:40	5.7	296	16	7.9	0.00
03/12/2023 15:50	5.3	294	15	7.9	0.00
03/12/2023 16:00	5.3	301	16	7.5	0.00
03/12/2023 16:10	5.7	302	17	7.6	0.00
03/12/2023 16:20	5.7	296	14	8.2	0.00
03/12/2023 16:30	5.7	291	14	8.7	0.00
03/12/2023 16:40	6.2	291	13	8.1	0.00
03/12/2023 16:50	5.7	294	16	7.8	0.00
03/12/2023 17:00	5.5	292	14	7.3	0.00
03/12/2023 17:10	5.3	298	13	7.2	0.00
03/12/2023 17:20	6.1	293	12	8.4	0.00
03/12/2023 17:30	5.6	294	15	8.0	0.00
03/12/2023 17:40	5.7	296	14	7.8	0.00
03/12/2023 17:50	6.1	295	14	8.2	0.00
03/12/2023 18:00	6.1	298	11	8.4	0.00
03/12/2023 18:10	6.1	299	11	9.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 18:20	5.8	299	13	8.1	0.00
03/12/2023 18:30	5.9	300	10	7.8	0.00
03/12/2023 18:40	5.3	290	14	7.8	0.00
03/12/2023 18:50	5.4	288	13	7.2	0.00
03/12/2023 19:00	5.4	288	13	7.3	0.00
03/12/2023 19:10	5.6	287	13	8.0	0.00
03/12/2023 19:20	5.4	290	13	7.4	0.00
03/12/2023 19:30	5.6	292	14	7.5	0.00
03/12/2023 19:40	5.9	295	12	7.8	0.00
03/12/2023 19:50	6.4	297	12	8.4	0.00
03/12/2023 20:00	5.9	291	11	7.6	0.00
03/12/2023 20:10	5.8	290	12	7.9	0.00
03/12/2023 20:20	5.5	290	14	7.8	0.00
03/12/2023 20:30	5.6	272	14	7.2	0.00
03/12/2023 20:40	5.3	269	14	6.8	0.00
03/12/2023 20:50	4.7	264	13	6.4	0.00
03/12/2023 21:00	5.1	264	14	6.9	0.00
03/12/2023 21:10	4.5	267	13	6.2	0.00
03/12/2023 21:20	5.1	260	9	6.8	0.00
03/12/2023 21:30	4.3	263	12	6.1	0.00
03/12/2023 21:40	4.2	270	14	6.1	0.00
03/12/2023 21:50	4.9	262	9	6.4	0.00
03/12/2023 22:00	4.7	263	11	6.3	0.00
03/12/2023 22:10	4.1	266	11	6.0	0.00
03/12/2023 22:20	4.3	268	14	6.0	0.00
03/12/2023 22:30	4.3	266	14	6.0	0.00
03/12/2023 22:40	3.8	274	14	5.7	0.00
03/12/2023 22:50	3.4	279	17	5.7	0.00
03/12/2023 23:00	3.5	286	16	5.6	0.00
03/12/2023 23:10	3.2	278	14	4.8	0.00
03/12/2023 23:20	3.1	278	15	4.8	0.00
03/12/2023 23:30	3.3	282	15	4.8	0.00
03/12/2023 23:40	3.4	281	15	5.0	0.00
03/12/2023 23:50	3.8	283	15	5.6	0.00
04/12/2023 00:00	3.4	281	17	5.5	0.00
04/12/2023 00:10	3.4	270	14	4.8	0.00
04/12/2023 00:20	3.7	267	12	5.1	0.00
04/12/2023 00:30	4.1	267	12	5.4	0.00
04/12/2023 00:40	4.3	267	12	6.0	0.00
04/12/2023 00:50	4.4	266	12	6.0	0.00
04/12/2023 01:00	3.9	265	14	5.0	0.00
04/12/2023 01:10	4.3	266	11	5.6	0.00
04/12/2023 01:20	4.8	260	11	6.4	0.00
04/12/2023 01:30	4.6	262	10	6.2	0.00
04/12/2023 01:40	4.5	262	11	5.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 01:50	4.3	260	11	6.1	0.00
04/12/2023 02:00	4.1	256	10	5.6	0.00
04/12/2023 02:10	4.1	259	11	5.6	0.00
04/12/2023 02:20	4.1	263	11	5.7	0.00
04/12/2023 02:30	3.7	263	11	5.0	0.00
04/12/2023 02:40	4.5	265	12	5.7	0.00
04/12/2023 02:50	4.0	260	10	5.6	0.00
04/12/2023 03:00	4.5	260	10	5.9	0.00
04/12/2023 03:10	3.9	266	12	5.1	0.00
04/12/2023 03:20	4.3	264	10	5.7	0.00
04/12/2023 03:30	4.3	267	12	5.8	0.00
04/12/2023 03:40	3.7	263	11	5.6	0.00
04/12/2023 03:50	4.5	261	12	5.8	0.00
04/12/2023 04:00	4.0	260	10	5.4	0.00
04/12/2023 04:10	4.4	261	11	5.9	0.00
04/12/2023 04:20	4.0	257	13	5.6	0.00
04/12/2023 04:30	3.9	258	12	5.3	0.00
04/12/2023 04:40	3.3	261	16	4.8	0.00
04/12/2023 04:50	3.2	270	13	4.9	0.00
04/12/2023 05:00	3.6	266	15	4.8	0.00
04/12/2023 05:10	3.0	260	12	4.1	0.00
04/12/2023 05:20	2.4	257	15	3.3	0.00
04/12/2023 05:30	2.5	262	11	3.4	0.00
04/12/2023 05:40	2.9	259	13	4.3	0.00
04/12/2023 05:50	2.9	264	14	4.0	0.00
04/12/2023 06:00	2.5	263	13	3.3	0.00
04/12/2023 06:10	2.5	237	15	3.7	0.00
04/12/2023 06:20	1.9	250	15	3.2	0.00
04/12/2023 06:30	2.5	250	10	3.2	0.00
04/12/2023 06:40	1.9	268	14	3.1	0.00
04/12/2023 06:50	2.1	251	16	2.9	0.00
04/12/2023 07:00	1.6	266	20	2.7	0.00
04/12/2023 07:10	1.4	282	14	2.2	0.00
04/12/2023 07:20	1.8	264	16	3.1	0.00
04/12/2023 07:30	0.8	287	46	2.4	0.00
04/12/2023 07:40	2.1	322	55	3.9	0.00
04/12/2023 07:50	2.1	301	20	3.3	0.00
04/12/2023 08:00	2.5	302	17	4.1	0.00
04/12/2023 08:10	2.1	295	21	3.0	0.00
04/12/2023 08:20	2.5	282	27	4.0	0.00
04/12/2023 08:30	2.4	299	25	3.9	0.00
04/12/2023 08:40	2.4	301	23	3.8	0.00
04/12/2023 08:50	2.6	315	46	4.6	0.00
04/12/2023 09:00	2.9	5	32	4.8	0.00
04/12/2023 09:10	2.6	300	28	4.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 09:20	2.9	305	25	4.8	0.00
04/12/2023 09:30	3.2	305	28	5.4	0.00
04/12/2023 09:40	4.4	289	14	6.0	0.00
04/12/2023 09:50	4.4	288	13	6.0	0.00
04/12/2023 10:00	4.2	292	16	6.2	0.00
04/12/2023 10:10	4.5	289	14	6.4	0.00
04/12/2023 10:20	3.7	292	17	6.1	0.00
04/12/2023 10:30	4.2	291	18	6.4	0.00
04/12/2023 10:40	4.0	293	16	5.6	0.00
04/12/2023 10:50	3.3	295	25	5.6	0.00
04/12/2023 11:00	3.5	303	18	5.6	0.00
04/12/2023 11:10	3.7	303	20	5.5	0.00
04/12/2023 11:20	4.1	293	16	6.0	0.00
04/12/2023 11:30	4.4	288	18	6.4	0.00
04/12/2023 11:40	4.6	287	16	6.6	0.00
04/12/2023 11:50	4.4	290	19	6.3	0.00
04/12/2023 12:00	4.4	287	16	6.1	0.00
04/12/2023 12:10	4.6	287	15	6.4	0.00
04/12/2023 12:20	4.9	286	17	6.8	0.00
04/12/2023 12:30	5.6	290	12	7.5	0.00
04/12/2023 12:40	5.6	289	12	7.9	0.00
04/12/2023 12:50	5.2	290	14	7.0	0.00
04/12/2023 13:00	5.4	290	12	7.2	0.00
04/12/2023 13:10	4.8	292	16	6.7	0.00
04/12/2023 13:20	4.6	294	15	6.4	0.00
04/12/2023 13:30	5.0	286	15	6.9	0.00
04/12/2023 13:40	5.5	290	14	7.7	0.00
04/12/2023 13:50	5.2	288	16	7.8	0.00
04/12/2023 14:00	5.3	286	17	7.2	0.00
04/12/2023 14:10	5.3	293	14	7.2	0.00
04/12/2023 14:20	5.1	293	14	6.8	0.00
04/12/2023 14:30	5.6	295	14	7.3	0.00
04/12/2023 14:40	5.3	297	11	7.1	0.00
04/12/2023 14:50	5.0	296	18	7.0	0.00
04/12/2023 15:00	4.8	294	16	6.8	0.00
04/12/2023 15:10	5.4	288	16	7.5	0.00
04/12/2023 15:20	5.5	290	15	7.9	0.00
04/12/2023 15:30	5.2	290	17	7.4	0.00
04/12/2023 15:40	5.7	290	16	7.8	0.00
04/12/2023 15:50	5.9	292	16	7.9	0.00
04/12/2023 16:00	6.1	285	14	7.9	0.00
04/12/2023 16:10	5.9	290	14	7.7	0.00
04/12/2023 16:20	5.7	298	14	8.3	0.00
04/12/2023 16:30	5.8	297	14	8.0	0.00
04/12/2023 16:40	6.3	298	15	8.9	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 16:50	6.4	297	13	8.2	0.00
04/12/2023 17:00	6.4	295	12	8.6	0.00
04/12/2023 17:10	6.3	295	12	8.3	0.00
04/12/2023 17:20	5.9	299	14	8.0	0.00
04/12/2023 17:30	6.5	296	13	8.4	0.00
04/12/2023 17:40	5.4	298	12	7.4	0.00
04/12/2023 17:50	5.3	292	14	7.1	0.00
04/12/2023 18:00	5.5	295	10	7.1	0.00
04/12/2023 18:10	5.3	297	10	7.0	0.00
04/12/2023 18:20	5.8	296	9	7.5	0.00
04/12/2023 18:30	5.1	298	10	7.1	0.00
04/12/2023 18:40	4.4	287	12	6.3	0.00
04/12/2023 18:50	3.6	276	15	5.3	0.00
04/12/2023 19:00	4.0	276	12	6.0	0.00
04/12/2023 19:10	4.4	281	13	6.3	0.00
04/12/2023 19:20	3.9	266	13	5.3	0.00
04/12/2023 19:30	3.9	268	13	5.6	0.00
04/12/2023 19:40	3.7	271	15	5.5	0.00
04/12/2023 19:50	2.6	272	21	4.4	0.00
04/12/2023 20:00	3.4	288	14	4.8	0.00
04/12/2023 20:10	3.9	283	14	5.1	0.00
04/12/2023 20:20	3.2	267	17	4.4	0.00
04/12/2023 20:30	3.6	266	15	4.8	0.00
04/12/2023 20:40	4.2	264	13	5.8	0.00
04/12/2023 20:50	4.0	265	12	6.1	0.00
04/12/2023 21:00	4.2	260	11	6.0	0.00
04/12/2023 21:10	4.4	263	13	6.2	0.00
04/12/2023 21:20	4.4	265	12	6.6	0.00
04/12/2023 21:30	4.9	258	13	6.7	0.00
04/12/2023 21:40	4.9	260	10	6.4	0.00
04/12/2023 21:50	4.2	258	10	6.1	0.00
04/12/2023 22:00	4.6	259	14	6.1	0.00
04/12/2023 22:10	4.9	256	9	6.4	0.00
04/12/2023 22:20	4.6	260	10	6.8	0.00
04/12/2023 22:30	4.1	257	13	6.0	0.00
04/12/2023 22:40	3.7	257	13	4.8	0.00
04/12/2023 22:50	4.0	256	11	5.3	0.00
04/12/2023 23:00	4.7	261	11	6.3	0.00
04/12/2023 23:10	5.1	252	10	6.4	0.00
04/12/2023 23:20	5.6	255	10	7.1	0.00
04/12/2023 23:30	5.2	255	10	7.3	0.00
04/12/2023 23:40	4.8	253	11	6.4	0.00
04/12/2023 23:50	5.4	253	11	7.5	0.00
05/12/2023 00:00	5.3	253	10	6.7	0.00
05/12/2023 00:10	5.0	249	11	6.8	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 00:20	4.5	244	10	6.4	0.00
05/12/2023 00:30	4.4	248	9	5.7	0.00
05/12/2023 00:40	4.2	253	11	6.0	0.00
05/12/2023 00:50	4.5	253	10	5.8	0.00
05/12/2023 01:00	4.3	254	12	5.4	0.00
05/12/2023 01:10	3.6	252	12	5.2	0.00
05/12/2023 01:20	1.4	172	41	2.8	0.00
05/12/2023 01:30	0.3	22	7	0.7	0.00
05/12/2023 01:40	0.4	206	24	1.2	0.00
05/12/2023 01:50	2.0	257	12	2.9	0.00
05/12/2023 02:00	0.8	16	47	1.6	0.00
05/12/2023 02:10	3.0	261	9	4.2	0.00
05/12/2023 02:20	2.2	262	14	3.5	0.00
05/12/2023 02:30	2.8	262	9	3.8	0.00
05/12/2023 02:40	2.9	260	11	4.0	0.00
05/12/2023 02:50	3.2	263	11	4.3	0.00
05/12/2023 03:00	1.8	269	14	3.0	0.00
05/12/2023 03:10	3.9	260	11	5.1	0.00
05/12/2023 03:20	2.7	265	16	4.1	0.00
05/12/2023 03:30	3.5	261	9	4.7	0.00
05/12/2023 03:40	3.9	259	8	4.9	0.00
05/12/2023 03:50	3.0	269	14	4.2	0.00
05/12/2023 04:00	3.8	262	12	5.3	0.00
05/12/2023 04:10	4.2	264	11	5.3	0.00
05/12/2023 04:20	3.3	266	13	5.0	0.00
05/12/2023 04:30	2.0	227	43	3.4	0.00
05/12/2023 04:40	1.5	221	42	2.5	0.00
05/12/2023 04:50	3.1	275	12	3.8	0.00
05/12/2023 05:00	2.6	150	44	4.0	0.00
05/12/2023 05:10	2.0	168	26	3.2	0.00
05/12/2023 05:20	1.0	162	25	2.2	0.00
05/12/2023 05:30	2.5	287	17	3.9	0.00
05/12/2023 05:40	1.5	43	35	3.0	0.00
05/12/2023 05:50	3.1	281	23	4.6	0.00
05/12/2023 06:00	1.4	43	50	2.3	0.00
05/12/2023 06:10	2.9	275	24	4.8	0.00
05/12/2023 06:20	1.1	267	68	2.3	0.00
05/12/2023 06:30	3.4	280	15	4.8	0.00
05/12/2023 06:40	1.4	330	37	3.2	0.00
05/12/2023 06:50	3.2	276	12	4.8	0.00
05/12/2023 07:00	2.4	291	15	4.3	0.00
05/12/2023 07:10	3.4	268	16	5.1	0.00
05/12/2023 07:20	2.8	271	15	4.2	0.00
05/12/2023 07:30	3.2	269	19	4.4	0.00
05/12/2023 07:40	3.1	275	19	4.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 07:50	3.3	273	13	5.2	0.00
05/12/2023 08:00	2.8	276	22	4.4	0.00
05/12/2023 08:10	3.3	282	19	4.5	0.00
05/12/2023 08:20	3.7	281	16	5.1	0.00
05/12/2023 08:30	3.5	291	19	5.2	0.00
05/12/2023 08:40	3.6	284	21	5.5	0.00
05/12/2023 08:50	3.9	297	14	5.7	0.00
05/12/2023 09:00	3.4	289	18	4.9	0.00
05/12/2023 09:10	2.9	293	20	4.5	0.00
05/12/2023 09:20	3.2	307	20	4.6	0.00
05/12/2023 09:30	3.7	306	16	5.1	0.00
05/12/2023 09:40	3.9	302	19	5.2	0.00
05/12/2023 09:50	4.7	303	13	6.8	0.00
05/12/2023 10:00	4.7	296	15	6.7	0.00
05/12/2023 10:10	4.9	289	16	7.2	0.00
05/12/2023 10:20	5.1	291	15	6.9	0.00
05/12/2023 10:30	5.0	302	13	6.8	0.00
05/12/2023 10:40	5.5	296	12	7.5	0.00
05/12/2023 10:50	5.2	297	14	7.6	0.00
05/12/2023 11:00	5.0	296	15	7.1	0.00
05/12/2023 11:10	4.7	291	12	6.5	0.00
05/12/2023 11:20	4.8	297	19	7.0	0.00
05/12/2023 11:30	5.2	297	14	6.9	0.00
05/12/2023 11:40	5.1	298	15	6.9	0.00
05/12/2023 11:50	5.1	294	14	7.2	0.00
05/12/2023 12:00	5.7	293	14	7.9	0.00
05/12/2023 12:10	5.7	295	16	7.8	0.00
05/12/2023 12:20	5.7	290	16	8.1	0.00
05/12/2023 12:30	5.1	292	17	6.9	0.00
05/12/2023 12:40	5.5	291	15	7.1	0.00
05/12/2023 12:50	5.4	290	14	6.9	0.00
05/12/2023 13:00	5.3	292	12	6.8	0.00
05/12/2023 13:10	5.4	291	15	7.1	0.00
05/12/2023 13:20	5.1	291	15	6.7	0.00
05/12/2023 13:30	4.9	295	13	6.9	0.00
05/12/2023 13:40	4.8	285	20	6.9	0.00
05/12/2023 13:50	5.3	265	20	7.5	0.00
05/12/2023 14:00	5.8	258	14	7.6	0.00
05/12/2023 14:10	6.0	259	13	7.8	0.00
05/12/2023 14:20	5.7	260	15	7.9	0.00
05/12/2023 14:30	6.0	259	11	7.9	0.00
05/12/2023 14:40	5.7	248	14	8.1	0.00
05/12/2023 14:50	5.4	257	14	7.3	0.00
05/12/2023 15:00	5.2	260	15	7.6	0.00
05/12/2023 15:10	6.6	259	11	8.5	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 15:20	7.1	263	10	9.1	0.00
05/12/2023 15:30	6.4	264	13	8.4	0.00
05/12/2023 15:40	5.6	262	12	7.0	0.00
05/12/2023 15:50	5.4	267	13	7.5	0.00
05/12/2023 16:00	4.9	270	14	6.8	0.00
05/12/2023 16:10	4.6	270	14	5.8	0.00
05/12/2023 16:20	5.3	264	13	6.8	0.00
05/12/2023 16:30	5.2	266	15	6.5	0.00
05/12/2023 16:40	4.8	265	14	5.8	0.00
05/12/2023 16:50	5.2	259	9	6.8	0.00
05/12/2023 17:00	4.4	266	14	6.2	0.00
05/12/2023 17:10	3.5	288	14	4.9	0.00
05/12/2023 17:20	3.4	295	12	4.3	0.00
05/12/2023 17:30	3.7	293	14	4.9	0.00
05/12/2023 17:40	3.8	294	13	4.9	0.00
05/12/2023 17:50	3.5	294	14	4.5	0.00
05/12/2023 18:00	3.8	291	13	4.9	0.00
05/12/2023 18:10	3.4	292	12	4.4	0.00
05/12/2023 18:20	3.6	292	13	4.6	0.00
05/12/2023 18:30	3.8	293	11	5.0	0.00
05/12/2023 18:40	3.6	293	13	5.1	0.00
05/12/2023 18:50	3.8	297	11	5.3	0.00
05/12/2023 19:00	4.1	295	9	5.8	0.00
05/12/2023 19:10	3.1	300	11	4.8	0.00
05/12/2023 19:20	3.6	293	13	5.3	0.00
05/12/2023 19:30	4.3	288	12	5.5	0.00
05/12/2023 19:40	3.6	289	15	5.6	0.00
05/12/2023 19:50	3.4	283	13	5.2	0.00
05/12/2023 20:00	3.5	291	16	5.0	0.00
05/12/2023 20:10	3.5	283	14	4.9	0.00
05/12/2023 20:20	3.7	281	16	5.4	0.00
05/12/2023 20:30	3.6	282	15	5.5	0.00
05/12/2023 20:40	4.1	287	13	6.2	0.00
05/12/2023 20:50	4.0	289	14	5.5	0.00
05/12/2023 21:00	3.4	285	19	5.6	0.00
05/12/2023 21:10	3.9	283	15	5.5	0.00
05/12/2023 21:20	3.6	265	14	5.0	0.00
05/12/2023 21:30	2.9	269	14	4.6	0.00
05/12/2023 21:40	3.1	268	12	4.4	0.00
05/12/2023 21:50	3.1	272	12	4.4	0.00
05/12/2023 22:00	3.2	286	13	4.4	0.00
05/12/2023 22:10	4.1	289	14	5.7	0.00
05/12/2023 22:20	4.4	285	15	6.0	0.00
05/12/2023 22:30	3.8	284	14	5.6	0.00
05/12/2023 22:40	4.3	290	14	6.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 22:50	4.1	282	15	5.6	0.00
05/12/2023 23:00	4.1	280	16	5.5	0.00
05/12/2023 23:10	3.9	274	15	5.6	0.00
05/12/2023 23:20	3.6	278	15	4.9	0.00
05/12/2023 23:30	4.0	291	12	5.4	0.00
05/12/2023 23:40	3.8	284	13	6.1	0.00
05/12/2023 23:50	3.7	282	15	5.3	0.00
06/12/2023 00:00	4.1	270	13	5.2	0.00
06/12/2023 00:10	4.1	271	14	6.0	0.00
06/12/2023 00:20	4.6	268	14	6.0	0.00
06/12/2023 00:30	4.6	274	13	6.0	0.00
06/12/2023 00:40	3.7	267	14	4.9	0.00
06/12/2023 00:50	3.6	269	15	5.0	0.00
06/12/2023 01:00	3.2	264	12	4.7	0.00
06/12/2023 01:10	3.4	263	14	4.5	0.00
06/12/2023 01:20	4.3	263	10	5.8	0.00
06/12/2023 01:30	4.7	265	13	6.3	0.00
06/12/2023 01:40	4.7	265	11	6.3	0.00
06/12/2023 01:50	4.2	265	12	5.6	0.00
06/12/2023 02:00	4.4	262	11	5.8	0.00
06/12/2023 02:10	4.9	266	11	6.8	0.00
06/12/2023 02:20	5.4	263	10	6.8	0.00
06/12/2023 02:30	6.3	260	8	7.7	0.00
06/12/2023 02:40	6.1	260	11	7.6	0.00
06/12/2023 02:50	6.3	261	10	7.6	0.00
06/12/2023 03:00	6.5	262	8	8.3	0.00
06/12/2023 03:10	6.3	262	9	7.9	0.00
06/12/2023 03:20	6.0	261	9	7.6	0.00
06/12/2023 03:30	5.8	262	9	7.5	0.00
06/12/2023 03:40	5.7	261	10	7.4	0.00
06/12/2023 03:50	5.4	254	10	7.4	0.00
06/12/2023 04:00	5.4	257	10	7.0	0.00
06/12/2023 04:10	4.5	253	11	6.1	0.00
06/12/2023 04:20	4.2	235	13	6.3	0.00
06/12/2023 04:30	2.5	259	14	4.0	0.00
06/12/2023 04:40	2.0	244	14	2.9	0.00
06/12/2023 04:50	1.6	118	33	2.4	0.00
06/12/2023 05:00	1.6	239	19	2.4	0.00
06/12/2023 05:10	1.8	260	12	2.5	0.00
06/12/2023 05:20	1.0	188	47	2.0	0.00
06/12/2023 05:30	0.3	282	7	0.8	0.00
06/12/2023 05:40	0.8	147	44	1.9	0.00
06/12/2023 05:50	0.5	201	5	1.2	0.00
06/12/2023 06:00	0.6	56	4	1.2	0.00
06/12/2023 06:10	1.2	80	17	2.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 06:20	0.5	159	27	1.3	0.00
06/12/2023 06:30					0.00
06/12/2023 06:40	0.1	251	4	0.9	0.00
06/12/2023 06:50	1.4	239	23	2.0	0.00
06/12/2023 07:00	1.7	267	18	2.5	0.00
06/12/2023 07:10	0.9	300	12	2.3	0.00
06/12/2023 07:20	1.4	288	20	2.3	0.00
06/12/2023 07:30	1.3	271	20	2.0	0.00
06/12/2023 07:40	2.1	281	22	3.2	0.00
06/12/2023 07:50	1.7	277	22	2.5	0.00
06/12/2023 08:00	1.9	266	17	2.8	0.00
06/12/2023 08:10	1.7	302	27	2.6	0.00
06/12/2023 08:20	2.5	284	14	3.2	0.00
06/12/2023 08:30	3.1	275	13	4.5	0.00
06/12/2023 08:40	1.9	316	24	2.9	0.00
06/12/2023 08:50	1.6	310	30	2.8	0.00
06/12/2023 09:00	2.0	291	29	3.4	0.00
06/12/2023 09:10	3.0	301	18	4.7	0.00
06/12/2023 09:20	2.7	304	18	4.0	0.00
06/12/2023 09:30	2.4	307	27	3.9	0.00
06/12/2023 09:40	3.0	305	25	4.5	0.00
06/12/2023 09:50	2.8	316	16	4.1	0.00
06/12/2023 10:00	2.5	178	20	3.8	0.00
06/12/2023 10:10	2.7	340	28	4.3	0.00
06/12/2023 10:20	2.9	343	28	4.5	0.00
06/12/2023 10:30	3.1	351	15	4.4	0.00
06/12/2023 10:40	2.8	178	20	4.0	0.00
06/12/2023 10:50	2.9	1	18	4.5	0.00
06/12/2023 11:00	2.7	182	21	4.0	0.00
06/12/2023 11:10	2.5	8	21	4.0	0.00
06/12/2023 11:20	2.8	347	37	4.2	0.00
06/12/2023 11:30	3.0	181	21	4.3	0.00
06/12/2023 11:40	3.2	353	23	4.6	0.00
06/12/2023 11:50	3.0	6	22	4.7	0.00
06/12/2023 12:00	3.0	175	30	4.2	0.00
06/12/2023 12:10	3.5	340	18	4.8	0.00
06/12/2023 12:20	3.4	339	20	4.9	0.00
06/12/2023 12:30	3.2	323	19	4.9	0.00
06/12/2023 12:40	2.5	314	30	4.4	0.00
06/12/2023 12:50	2.8	310	24	4.5	0.00
06/12/2023 13:00	2.6	311	31	4.4	0.00
06/12/2023 13:10	2.6	307	36	4.0	0.00
06/12/2023 13:20	3.1	306	27	5.3	0.00
06/12/2023 13:30	2.8	315	33	4.4	0.00
06/12/2023 13:40	4.5	296	17	6.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 13:50	4.4	290	13	5.9	0.00
06/12/2023 14:00	3.8	298	12	5.3	0.00
06/12/2023 14:10	3.9	298	16	5.4	0.00
06/12/2023 14:20	4.3	288	16	6.0	0.00
06/12/2023 14:30	4.2	288	15	5.4	0.00
06/12/2023 14:40	4.0	289	16	5.0	0.00
06/12/2023 14:50	4.4	291	13	5.5	0.00
06/12/2023 15:00	4.5	297	13	6.0	0.00
06/12/2023 15:10	4.4	297	15	5.9	0.00
06/12/2023 15:20	3.9	301	16	5.8	0.00
06/12/2023 15:30	4.0	305	15	5.8	0.00
06/12/2023 15:40	4.4	308	14	6.0	0.00
06/12/2023 15:50	4.3	307	15	5.9	0.00
06/12/2023 16:00	4.3	307	16	5.9	0.00
06/12/2023 16:10	4.3	304	17	5.8	0.00
06/12/2023 16:20	4.4	304	16	5.7	0.00
06/12/2023 16:30	4.6	303	15	6.3	0.00
06/12/2023 16:40	4.9	298	12	7.0	0.00
06/12/2023 16:50	4.8	297	11	6.5	0.00
06/12/2023 17:00	4.9	301	12	6.4	0.00
06/12/2023 17:10	5.3	295	9	6.8	0.00
06/12/2023 17:20	5.1	295	9	6.4	0.00
06/12/2023 17:30	4.6	295	11	6.0	0.00
06/12/2023 17:40	4.4	291	10	5.8	0.00
06/12/2023 17:50	3.8	296	13	5.0	0.00
06/12/2023 18:00	3.6	299	15	4.9	0.00
06/12/2023 18:10	3.6	298	15	5.2	0.00
06/12/2023 18:20	3.7	297	11	4.9	0.00
06/12/2023 18:30	3.5	291	14	5.1	0.00
06/12/2023 18:40	4.0	291	13	5.6	0.00
06/12/2023 18:50	3.3	289	17	4.9	0.00
06/12/2023 19:00	4.0	296	9	5.1	0.00
06/12/2023 19:10	4.1	297	11	5.5	0.00
06/12/2023 19:20	3.2	307	14	4.8	0.00
06/12/2023 19:30	3.1	306	13	4.8	0.00
06/12/2023 19:40	3.2	311	11	4.4	0.00
06/12/2023 19:50	2.7	308	14	4.0	0.00
06/12/2023 20:00	3.0	307	12	4.4	0.00
06/12/2023 20:10	3.5	310	12	4.9	0.00
06/12/2023 20:20	3.8	304	12	5.1	0.00
06/12/2023 20:30	3.4	324	17	5.3	0.00
06/12/2023 20:40	4.4	307	15	6.4	0.00
06/12/2023 20:50	4.8	296	9	6.3	0.00
06/12/2023 21:00	4.1	294	10	5.9	0.00
06/12/2023 21:10	3.9	298	9	5.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 21:20	3.7	303	13	5.2	0.00
06/12/2023 21:30	4.0	306	12	5.6	0.00
06/12/2023 21:40	4.6	303	12	6.4	0.00
06/12/2023 21:50	4.4	308	17	6.7	0.00
06/12/2023 22:00	2.4	331	19	4.4	0.00
06/12/2023 22:10	1.5	176	21	3.5	0.00
06/12/2023 22:20	1.6	338	23	3.3	0.00
06/12/2023 22:30	3.4	313	19	6.0	0.00
06/12/2023 22:40	4.7	299	14	6.5	0.00
06/12/2023 22:50	4.6	304	13	6.2	0.00
06/12/2023 23:00	4.2	306	14	5.6	0.00
06/12/2023 23:10	4.2	299	13	6.0	0.00
06/12/2023 23:20	4.1	310	11	5.5	0.00
06/12/2023 23:30	3.8	309	14	5.4	0.00
06/12/2023 23:40	3.5	307	14	4.9	0.00
06/12/2023 23:50	3.1	310	12	4.3	0.00
07/12/2023 00:00	2.8	304	15	4.1	0.00
07/12/2023 00:10	3.1	313	12	3.9	0.00
07/12/2023 00:20	3.4	307	11	4.4	0.00
07/12/2023 00:30	3.3	307	11	4.5	0.00
07/12/2023 00:40	2.1	317	19	3.2	0.00
07/12/2023 00:50	2.4	318	19	4.3	0.00
07/12/2023 01:00	1.3	347	22	2.4	0.00
07/12/2023 01:10	1.5	338	27	3.0	0.00
07/12/2023 01:20	1.5	333	20	2.7	0.00
07/12/2023 01:30	1.8	334	22	3.2	0.00
07/12/2023 01:40	2.7	305	14	3.7	0.00
07/12/2023 01:50	2.3	299	14	3.5	0.00
07/12/2023 02:00	2.0	296	12	2.8	0.00
07/12/2023 02:10	1.8	297	11	2.4	0.00
07/12/2023 02:20	1.1	312	15	2.0	0.00
07/12/2023 02:30	1.0	288	16	1.9	0.00
07/12/2023 02:40	1.1	293	17	1.6	0.00
07/12/2023 02:50	0.8	284	14	1.5	0.00
07/12/2023 03:00	0.7	265	15	1.1	0.00
07/12/2023 03:10	1.2	265	8	1.8	0.00
07/12/2023 03:20	1.0	262	7	1.5	0.00
07/12/2023 03:30	0.5	282	8	1.2	0.00
07/12/2023 03:40	1.1	252	10	1.6	0.00
07/12/2023 03:50	0.1	233	6	0.7	0.00
07/12/2023 04:00	0.7	237	15	1.1	0.00
07/12/2023 04:10	0.9	246	11	1.2	0.00
07/12/2023 04:20	0.8	244	11	1.1	0.00
07/12/2023 04:30	0.4	162	10	1.0	0.00
07/12/2023 04:40	0.7	62	11	1.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 04:50	1.2	278	5	1.6	0.00
07/12/2023 05:00	0.8	183	22	1.2	0.00
07/12/2023 05:10	0.4	186	4	0.9	0.00
07/12/2023 05:20	0.8	268	10	1.2	0.00
07/12/2023 05:30	0.1	290	2	0.6	0.00
07/12/2023 05:40	0.6	254	8	1.4	0.00
07/12/2023 05:50	0.6	234	8	1.2	0.00
07/12/2023 06:00	0.2	62	9	0.9	0.00
07/12/2023 06:10	0.1	161	5	0.8	0.00
07/12/2023 06:20	1.3	233	14	2.2	0.00
07/12/2023 06:30	1.5	224	14	2.1	0.00
07/12/2023 06:40	1.7	219	16	2.5	0.00
07/12/2023 06:50	1.9	227	18	2.6	0.00
07/12/2023 07:00	2.3	230	16	3.7	0.00
07/12/2023 07:10	2.9	242	14	3.7	0.00
07/12/2023 07:20	3.0	239	11	4.0	0.00
07/12/2023 07:30	2.7	230	14	3.7	0.00
07/12/2023 07:40	3.3	218	23	5.4	0.00
07/12/2023 07:50	3.1	221	33	4.7	0.00
07/12/2023 08:00	3.6	220	16	5.0	0.00
07/12/2023 08:10	3.2	218	25	4.7	0.00
07/12/2023 08:20	3.7	216	24	5.9	0.00
07/12/2023 08:30	3.7	220	24	5.2	0.00
07/12/2023 08:40	3.6	221	27	5.6	0.00
07/12/2023 08:50	3.9	224	30	6.1	0.00
07/12/2023 09:00	3.9	222	27	6.1	0.00
07/12/2023 09:10	3.5	220	38	5.7	0.00
07/12/2023 09:20	3.1	224	56	5.2	0.00
07/12/2023 09:30	3.7	215	54	6.4	0.00
07/12/2023 09:40	2.8	171	76	5.1	0.00
07/12/2023 09:50	2.9	156	75	4.7	0.00
07/12/2023 10:00	3.1	144	61	5.9	0.00
07/12/2023 10:10	3.4	197	75	6.9	0.00
07/12/2023 10:20	2.7	192	89	5.2	0.00
07/12/2023 10:30	4.1	218	48	7.1	0.00
07/12/2023 10:40	3.5	218	56	5.7	0.00
07/12/2023 10:50	4.7	221	21	6.5	0.00
07/12/2023 11:00	3.8	228	35	6.4	0.00
07/12/2023 11:10	2.8	168	73	5.5	0.00
07/12/2023 11:20	2.6	158	84	4.8	0.00
07/12/2023 11:30	3.4	217	40	5.7	0.00
07/12/2023 11:40	3.5	241	44	6.1	0.00
07/12/2023 11:50	4.7	270	15	6.1	0.00
07/12/2023 12:00	5.4	270	14	7.0	0.00
07/12/2023 12:10	5.2	269	15	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 12:20	5.5	267	15	7.6	0.00
07/12/2023 12:30	6.7	263	10	8.3	0.00
07/12/2023 12:40	5.8	256	12	8.1	0.00
07/12/2023 12:50	6.4	257	10	7.8	0.00
07/12/2023 13:00	6.3	260	12	8.0	0.00
07/12/2023 13:10	6.1	257	13	8.0	0.00
07/12/2023 13:20	5.4	262	16	7.5	0.00
07/12/2023 13:30	4.6	274	19	6.4	0.00
07/12/2023 13:40	3.8	275	19	5.4	0.00
07/12/2023 13:50	3.9	271	23	6.0	0.00
07/12/2023 14:00	3.6	268	23	5.6	0.00
07/12/2023 14:10	3.5	255	16	5.6	0.00
07/12/2023 14:20	2.1	190	44	4.1	0.00
07/12/2023 14:30	4.2	7	20	6.0	0.00
07/12/2023 14:40	4.7	25	20	6.4	0.00
07/12/2023 14:50	4.6	8	21	7.1	0.00
07/12/2023 15:00	5.4	33	19	8.2	0.00
07/12/2023 15:10	5.5	37	17	8.4	0.00
07/12/2023 15:20	6.9	45	12	8.8	0.00
07/12/2023 15:30	6.6	44	13	8.6	0.00
07/12/2023 15:40	5.9	37	15	8.7	0.00
07/12/2023 15:50	5.6	28	16	7.6	0.00
07/12/2023 16:00	4.7	23	18	7.6	0.00
07/12/2023 16:10	4.7	14	17	6.8	0.00
07/12/2023 16:20	5.1	176	16	6.7	0.00
07/12/2023 16:30	4.9	3	18	6.8	0.00
07/12/2023 16:40	4.3	7	21	6.5	0.00
07/12/2023 16:50	4.5	180	15	6.4	0.00
07/12/2023 17:00	4.2	13	20	6.0	0.00
07/12/2023 17:10	4.7	6	18	6.4	0.00
07/12/2023 17:20	4.5	14	16	6.6	0.00
07/12/2023 17:30	4.3	5	18	6.9	0.00
07/12/2023 17:40	4.6	5	16	6.6	0.00
07/12/2023 17:50	4.7	6	16	6.6	0.00
07/12/2023 18:00	3.9	176	20	6.3	0.00
07/12/2023 18:10	3.5	350	21	5.7	0.00
07/12/2023 18:20	3.8	6	20	5.8	0.00
07/12/2023 18:30	3.4	175	22	5.4	0.00
07/12/2023 18:40	3.2	341	21	5.6	0.00
07/12/2023 18:50	2.5	340	22	4.6	0.00
07/12/2023 19:00	2.3	332	22	4.4	0.00
07/12/2023 19:10	2.3	345	25	3.8	0.00
07/12/2023 19:20	2.5	350	19	3.8	0.00
07/12/2023 19:30	2.7	180	16	4.4	0.00
07/12/2023 19:40	3.0	6	16	4.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 19:50	3.1	6	19	4.4	0.00
07/12/2023 20:00	2.6	341	21	4.7	0.00
07/12/2023 20:10	3.8	323	14	5.6	0.00
07/12/2023 20:20	4.8	316	13	6.7	0.00
07/12/2023 20:30	5.1	315	13	6.6	0.00
07/12/2023 20:40	5.3	311	12	7.0	0.00
07/12/2023 20:50	5.1	301	11	6.8	0.00
07/12/2023 21:00	5.5	309	11	6.8	0.00
07/12/2023 21:10	5.5	312	9	6.8	0.00
07/12/2023 21:20	4.9	312	9	6.3	0.00
07/12/2023 21:30	4.1	311	11	5.6	0.00
07/12/2023 21:40	4.0	312	10	5.2	0.00
07/12/2023 21:50	3.9	309	11	5.1	0.00
07/12/2023 22:00	3.5	307	13	4.8	0.00
07/12/2023 22:10	3.7	294	11	4.8	0.00
07/12/2023 22:20	2.9	282	14	4.0	0.00
07/12/2023 22:30	2.8	262	12	3.6	0.00
07/12/2023 22:40	2.4	271	10	3.1	0.00
07/12/2023 22:50	2.4	265	9	3.1	0.00
07/12/2023 23:00	2.8	261	9	3.6	0.00
07/12/2023 23:10	3.2	257	8	4.1	0.00
07/12/2023 23:20	2.3	244	13	3.2	0.00
07/12/2023 23:30	2.3	238	12	3.2	0.00
07/12/2023 23:40	1.6	238	15	2.3	0.00
07/12/2023 23:50	1.8	234	14	2.4	0.00
08/12/2023 00:00	1.8	233	14	2.5	0.00
08/12/2023 00:10	1.9	224	16	2.9	0.00
08/12/2023 00:20	2.4	219	15	3.4	0.00
08/12/2023 00:30	2.0	224	28	3.5	0.00
08/12/2023 00:40	1.0	140	56	2.5	0.00
08/12/2023 00:50	0.8	133	60	2.5	0.00
08/12/2023 01:00	0.3	173	21	1.2	0.00
08/12/2023 01:10	0.2	193	24	1.6	0.00
08/12/2023 01:20	0.2	226	13	1.3	0.00
08/12/2023 01:30	0.2	142	21	1.0	0.00
08/12/2023 01:40	0.1	138	9	0.7	0.00
08/12/2023 01:50	0.3	169	25	1.2	0.00
08/12/2023 02:00	0.3	218	20	1.3	0.00
08/12/2023 02:10	0.2	183	15	0.6	0.00
08/12/2023 02:20	0.2	128	11	0.6	0.00
08/12/2023 02:30	0.3	184	13	0.9	0.00
08/12/2023 02:40	1.1	251	14	2.0	0.00
08/12/2023 02:50	1.1	234	14	2.1	0.00
08/12/2023 03:00	0.5	104	33	0.9	0.00
08/12/2023 03:10	0.2	111	13	0.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 03:20	0.1	216	17	0.5	0.00
08/12/2023 03:30	0.4	166	29	1.1	0.00
08/12/2023 03:40	0.0	196	2	0.4	0.00
08/12/2023 03:50	0.6	283	14	0.9	0.00
08/12/2023 04:00	0.4	276	15	0.8	0.00
08/12/2023 04:10	0.5	266	17	0.8	0.00
08/12/2023 04:20	0.5	249	7	1.0	0.00
08/12/2023 04:30					0.00
08/12/2023 04:40					0.00
08/12/2023 04:50	0.5	294	4	0.8	0.00
08/12/2023 05:00	0.7	250	14	0.9	0.00
08/12/2023 05:10	0.0	223	0	0.4	0.00
08/12/2023 05:20	0.0	264	1	0.5	0.00
08/12/2023 05:30	0.0	207	4	0.4	0.00
08/12/2023 05:40					0.00
08/12/2023 05:50	0.2	216	9	0.7	0.00
08/12/2023 06:00	1.3	246	12	2.0	0.00
08/12/2023 06:10	1.5	222	13	2.2	0.00
08/12/2023 06:20	2.0	240	11	2.7	0.00
08/12/2023 06:30	2.0	244	12	2.6	0.00
08/12/2023 06:40	2.0	231	14	2.8	0.00
08/12/2023 06:50	2.0	223	16	2.8	0.00
08/12/2023 07:00	2.6	233	14	3.5	0.00
08/12/2023 07:10	2.9	227	16	4.2	0.00
08/12/2023 07:20	3.0	225	15	4.3	0.00
08/12/2023 07:30	3.0	225	15	4.2	0.00
08/12/2023 07:40	2.6	225	16	4.2	0.00
08/12/2023 07:50	2.4	228	13	3.4	0.00
08/12/2023 08:00	3.0	227	14	4.4	0.00
08/12/2023 08:10	3.2	219	17	4.4	0.00
08/12/2023 08:20	3.2	222	14	4.7	0.00
08/12/2023 08:30	3.6	218	16	5.2	0.00
08/12/2023 08:40	3.2	219	37	5.1	0.00
08/12/2023 08:50	3.3	226	48	5.4	0.00
08/12/2023 09:00	2.7	223	58	4.9	0.00
08/12/2023 09:10	2.7	227	67	5.4	0.00
08/12/2023 09:20	3.0	227	48	5.8	0.00
08/12/2023 09:30	3.0	141	65	4.5	0.00
08/12/2023 09:40	2.9	186	73	5.2	0.00
08/12/2023 09:50	3.1	191	80	5.7	0.00
08/12/2023 10:00	2.7	206	71	5.6	0.00
08/12/2023 10:10	3.2	235	57	5.7	0.00
08/12/2023 10:20	3.3	229	54	5.1	0.00
08/12/2023 10:30	3.2	201	57	6.4	0.00
08/12/2023 10:40	4.2	242	25	7.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 10:50	4.2	258	20	6.2	0.00
08/12/2023 11:00	5.1	272	14	6.8	0.00
08/12/2023 11:10	6.2	266	13	8.3	0.00
08/12/2023 11:20	5.9	266	14	7.9	0.00
08/12/2023 11:30	6.1	267	12	7.6	0.00
08/12/2023 11:40	5.9	266	14	8.1	0.00
08/12/2023 11:50	7.0	263	12	9.6	0.00
08/12/2023 12:00	6.4	262	13	8.3	0.00
08/12/2023 12:10	6.8	261	10	8.7	0.00
08/12/2023 12:20	7.4	261	10	9.5	0.00
08/12/2023 12:30	6.9	260	11	9.3	0.00
08/12/2023 12:40	7.2	264	12	9.8	0.00
08/12/2023 12:50	7.3	259	11	9.9	0.00
08/12/2023 13:00	6.6	259	12	9.1	0.00
08/12/2023 13:10	6.9	264	12	9.2	0.00
08/12/2023 13:20	7.3	264	11	10.0	0.00
08/12/2023 13:30	6.4	253	11	9.9	0.00
08/12/2023 13:40	7.9	259	12	10.4	0.00
08/12/2023 13:50	7.0	250	11	8.9	0.00
08/12/2023 14:00	7.8	261	11	9.7	0.00
08/12/2023 14:10	6.7	256	14	9.9	0.00
08/12/2023 14:20	7.1	265	13	9.5	0.00
08/12/2023 14:30	7.6	254	13	10.2	0.00
08/12/2023 14:40	7.0	261	14	9.4	0.00
08/12/2023 14:50	7.0	253	12	9.7	0.00
08/12/2023 15:00	7.9	260	12	10.8	0.00
08/12/2023 15:10	7.2	260	14	10.8	0.00
08/12/2023 15:20	7.5	255	13	10.6	0.00
08/12/2023 15:30	7.7	259	11	11.0	0.00
08/12/2023 15:40	6.9	260	13	9.9	0.00
08/12/2023 15:50	7.2	257	14	10.5	0.00
08/12/2023 16:00	8.0	257	11	11.1	0.00
08/12/2023 16:10	8.2	254	14	11.1	0.00
08/12/2023 16:20	7.7	256	12	12.2	0.00
08/12/2023 16:30	7.3	257	12	10.3	0.00
08/12/2023 16:40	7.8	253	14	10.2	0.00
08/12/2023 16:50	7.8	257	12	10.7	0.00
08/12/2023 17:00	7.1	259	13	9.6	0.00
08/12/2023 17:10	7.5	258	11	10.5	0.00
08/12/2023 17:20	7.6	257	12	10.3	0.00
08/12/2023 17:30	7.8	259	11	10.3	0.00
08/12/2023 17:40	7.7	259	12	10.2	0.00
08/12/2023 17:50	7.6	259	13	9.5	0.00
08/12/2023 18:00	7.5	260	11	10.6	0.00
08/12/2023 18:10	7.2	262	11	10.0	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 18:20	7.1	256	10	9.9	0.00
08/12/2023 18:30	7.4	261	10	9.9	0.00
08/12/2023 18:40	6.8	260	11	9.0	0.00
08/12/2023 18:50	6.8	260	12	8.9	0.00
08/12/2023 19:00	6.4	255	11	9.1	0.00
08/12/2023 19:10	7.0	255	12	9.8	0.00
08/12/2023 19:20	6.4	259	12	8.8	0.00
08/12/2023 19:30	6.8	256	13	9.3	0.00
08/12/2023 19:40	6.1	256	12	8.8	0.00
08/12/2023 19:50	6.7	254	12	9.9	0.00
08/12/2023 20:00	7.1	255	11	9.8	0.00
08/12/2023 20:10	6.7	254	13	9.1	0.00
08/12/2023 20:20	7.2	253	10	10.0	0.00
08/12/2023 20:30	6.6	256	12	9.2	0.00
08/12/2023 20:40	7.1	254	10	9.1	0.00
08/12/2023 20:50	7.6	254	12	9.9	0.00
08/12/2023 21:00	6.8	251	12	9.1	0.00
08/12/2023 21:10	7.3	253	10	10.7	0.00
08/12/2023 21:20	7.0	252	11	9.5	0.00
08/12/2023 21:30	7.0	254	11	9.3	0.00
08/12/2023 21:40	6.8	255	11	9.2	0.00
08/12/2023 21:50	6.0	251	12	8.0	0.00
08/12/2023 22:00	5.9	251	11	7.7	0.00
08/12/2023 22:10	5.2	247	12	7.2	0.00
08/12/2023 22:20	5.2	245	12	7.9	0.00
08/12/2023 22:30	4.4	242	13	6.6	0.00
08/12/2023 22:40	5.2	244	13	7.8	0.00
08/12/2023 22:50	5.3	245	12	7.1	0.00
08/12/2023 23:00	5.0	244	12	7.4	0.00
08/12/2023 23:10	5.1	247	12	7.5	0.00
08/12/2023 23:20	4.8	247	11	6.8	0.00
08/12/2023 23:30	4.8	248	12	6.5	0.00
08/12/2023 23:40	4.7	245	12	6.4	0.00
08/12/2023 23:50	4.5	247	11	6.2	0.00
09/12/2023 00:00	4.1	245	12	5.9	0.00
09/12/2023 00:10	4.1	247	12	5.6	0.00
09/12/2023 00:20	3.8	250	13	5.7	0.00
09/12/2023 00:30	3.5	246	12	5.3	0.00
09/12/2023 00:40	3.8	247	12	5.1	0.00
09/12/2023 00:50	3.8	250	12	5.2	0.00
09/12/2023 01:00	4.6	250	12	6.4	0.00
09/12/2023 01:10	4.5	245	12	6.3	0.00
09/12/2023 01:20	4.4	243	12	6.1	0.00
09/12/2023 01:30	4.0	246	13	5.6	0.00
09/12/2023 01:40	3.0	251	13	4.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 01:50	3.2	238	13	4.5	0.00
09/12/2023 02:00	3.5	243	13	4.8	0.00
09/12/2023 02:10	3.1	246	12	4.4	0.00
09/12/2023 02:20	2.7	246	11	4.0	0.00
09/12/2023 02:30	3.1	244	12	4.8	0.00
09/12/2023 02:40	3.0	249	12	4.3	0.00
09/12/2023 02:50	3.0	250	10	4.0	0.00
09/12/2023 03:00	3.4	256	11	4.8	0.00
09/12/2023 03:10	3.5	256	10	4.4	0.00
09/12/2023 03:20	3.5	258	10	4.4	0.00
09/12/2023 03:30	3.5	256	10	4.6	0.00
09/12/2023 03:40	2.8	254	10	4.2	0.00
09/12/2023 03:50	3.6	260	9	4.5	0.00
09/12/2023 04:00	3.7	260	11	4.9	0.00
09/12/2023 04:10	3.7	259	9	4.8	0.00
09/12/2023 04:20	3.7	254	10	4.7	0.00
09/12/2023 04:30	3.7	256	9	4.8	0.00
09/12/2023 04:40	3.3	254	10	4.2	0.00
09/12/2023 04:50	3.4	259	10	4.4	0.00
09/12/2023 05:00	3.1	254	10	4.0	0.00
09/12/2023 05:10	3.7	257	10	4.8	0.00
09/12/2023 05:20	4.4	255	9	5.6	0.00
09/12/2023 05:30	4.4	256	9	6.0	0.00
09/12/2023 05:40	4.3	253	10	6.0	0.00
09/12/2023 05:50	3.8	253	11	4.9	0.00
09/12/2023 06:00	3.3	253	11	4.6	0.00
09/12/2023 06:10	3.0	252	11	4.0	0.00
09/12/2023 06:20	2.7	256	12	3.6	0.00
09/12/2023 06:30	3.7	256	11	4.7	0.00
09/12/2023 06:40	3.9	255	12	5.2	0.00
09/12/2023 06:50	4.6	255	10	6.1	0.00
09/12/2023 07:00	3.8	248	13	5.1	0.00
09/12/2023 07:10	3.3	242	13	4.5	0.00
09/12/2023 07:20	3.1	255	14	4.1	0.00
09/12/2023 07:30	3.4	264	11	4.3	0.00
09/12/2023 07:40	2.6	257	13	3.6	0.00
09/12/2023 07:50	2.8	245	15	3.6	0.00
09/12/2023 08:00	3.4	266	12	4.5	0.00
09/12/2023 08:10	4.3	265	12	5.6	0.00
09/12/2023 08:20	3.9	264	11	5.1	0.00
09/12/2023 08:30	4.1	262	10	5.4	0.00
09/12/2023 08:40	4.3	269	12	5.6	0.00
09/12/2023 08:50	5.0	262	9	6.0	0.00
09/12/2023 09:00	5.2	264	9	6.8	0.00
09/12/2023 09:10	4.6	265	12	6.1	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 09:20	5.2	261	10	6.4	0.00
09/12/2023 09:30	5.6	264	8	6.8	0.00
09/12/2023 09:40	5.6	263	11	7.2	0.00
09/12/2023 09:50	6.4	262	11	8.1	0.00
09/12/2023 10:00	6.0	258	12	7.5	0.00
09/12/2023 10:10	5.9	261	11	7.2	0.00
09/12/2023 10:20	6.5	263	10	7.6	0.00
09/12/2023 10:30	5.5	268	14	7.2	0.00
09/12/2023 10:40	5.7	263	14	7.8	0.00
09/12/2023 10:50	5.3	266	15	7.2	0.00
09/12/2023 11:00	5.3	269	15	7.2	0.00
09/12/2023 11:10	5.3	268	16	6.6	0.00
09/12/2023 11:20	5.7	256	12	7.6	0.00
09/12/2023 11:30	6.0	255	12	8.0	0.00
09/12/2023 11:40	5.5	249	14	7.6	0.00
09/12/2023 11:50	5.6	258	12	7.3	0.00
09/12/2023 12:00	5.1	257	15	7.2	0.00
09/12/2023 12:10	5.4	259	13	7.2	0.00
09/12/2023 12:20	5.6	259	11	7.5	0.00
09/12/2023 12:30	6.4	263	11	8.4	0.00
09/12/2023 12:40	6.4	267	14	8.3	0.00
09/12/2023 12:50	7.4	263	12	9.3	0.00
09/12/2023 13:00	6.8	262	13	8.8	0.00
09/12/2023 13:10	7.0	258	11	9.5	0.00
09/12/2023 13:20	6.3	261	12	8.6	0.00
09/12/2023 13:30	6.7	259	12	8.8	0.00
09/12/2023 13:40	7.0	260	10	9.2	0.00
09/12/2023 13:50	6.5	260	12	8.7	0.00
09/12/2023 14:00	6.5	257	12	8.5	0.00
09/12/2023 14:10	5.9	257	12	7.9	0.00
09/12/2023 14:20	6.2	259	11	7.9	0.00
09/12/2023 14:30	5.5	259	13	7.8	0.00
09/12/2023 14:40	6.4	256	13	8.7	0.00
09/12/2023 14:50	6.4	251	11	8.3	0.00
09/12/2023 15:00	6.4	255	13	8.4	0.00
09/12/2023 15:10	5.8	257	13	8.1	0.00
09/12/2023 15:20	6.2	258	12	8.3	0.00
09/12/2023 15:30	5.6	259	12	7.5	0.00
09/12/2023 15:40	5.9	255	10	7.8	0.00
09/12/2023 15:50	5.1	259	12	7.3	0.00
09/12/2023 16:00	5.0	270	14	6.8	0.00
09/12/2023 16:10	4.7	255	16	7.9	0.00
09/12/2023 16:20	5.1	255	12	6.9	0.00
09/12/2023 16:30	5.0	250	12	6.8	0.00
09/12/2023 16:40	5.5	253	12	7.4	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 16:50	6.0	251	13	8.4	0.00
09/12/2023 17:00	5.4	253	15	7.7	0.00
09/12/2023 17:10	6.1	261	11	8.4	0.00
09/12/2023 17:20	5.8	257	13	7.9	0.00
09/12/2023 17:30	5.6	256	13	7.7	0.00
09/12/2023 17:40	5.7	260	12	8.2	0.00
09/12/2023 17:50	5.9	255	10	8.3	0.00
09/12/2023 18:00	6.1	253	12	7.6	0.00
09/12/2023 18:10	5.3	251	12	7.1	0.00
09/12/2023 18:20	5.7	255	13	7.5	0.00
09/12/2023 18:30	5.9	251	11	8.1	0.00
09/12/2023 18:40	5.7	250	13	7.9	0.00
09/12/2023 18:50	4.7	245	14	7.3	0.00
09/12/2023 19:00	4.6	253	12	6.8	0.00
09/12/2023 19:10	4.6	252	12	6.2	0.00
09/12/2023 19:20	4.6	253	12	6.5	0.00
09/12/2023 19:30	4.5	252	11	6.0	0.00
09/12/2023 19:40	4.7	251	10	6.6	0.00
09/12/2023 19:50	4.4	253	11	6.5	0.00
09/12/2023 20:00	2.5	213	40	4.1	0.00
09/12/2023 20:10	1.5	179	27	2.5	0.00
09/12/2023 20:20	2.5	238	13	3.2	0.00
09/12/2023 20:30	2.2	242	16	3.4	0.00
09/12/2023 20:40	2.3	241	37	3.3	0.00
09/12/2023 20:50	2.1	191	25	3.1	0.00
09/12/2023 21:00	0.4	142	7	1.2	0.00
09/12/2023 21:10	0.2	180	3	0.8	0.00
09/12/2023 21:20	1.0	212	37	1.8	0.00
09/12/2023 21:30	0.6	143	25	1.3	0.00
09/12/2023 21:40	0.9	111	47	1.6	0.00
09/12/2023 21:50	0.3	166	17	0.8	0.00
09/12/2023 22:00					0.00
09/12/2023 22:10	0.0	303	0	0.4	0.00
09/12/2023 22:20	0.5	183	8	1.1	0.00
09/12/2023 22:30	0.5	325	5	0.9	0.00
09/12/2023 22:40	0.3	53	15	0.8	0.00
09/12/2023 22:50	0.1	124	8	0.7	0.00
09/12/2023 23:00	0.5	194	6	0.8	0.00
09/12/2023 23:10	0.2	164	13	0.7	0.00
09/12/2023 23:20	0.6	34	6	1.2	0.00
09/12/2023 23:30	0.5	99	23	0.9	0.00
09/12/2023 23:40	0.2	51	4	0.9	0.00
09/12/2023 23:50	0.4	237	17	0.9	0.00
10/12/2023 00:00					0.00
10/12/2023 00:10	1.1	213	9	1.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 00:20	1.4	254	21	2.2	0.00
10/12/2023 00:30	1.0	282	13	1.4	0.00
10/12/2023 00:40	1.1	310	22	2.0	0.00
10/12/2023 00:50	0.7	340	34	1.6	0.00
10/12/2023 01:00	1.3	318	39	2.8	0.00
10/12/2023 01:10	0.9	309	24	2.0	0.00
10/12/2023 01:20	0.5	277	25	1.4	0.00
10/12/2023 01:30	0.3	311	31	1.1	0.00
10/12/2023 01:40	0.5	275	14	1.2	0.00
10/12/2023 01:50	0.4	165	11	0.9	0.00
10/12/2023 02:00	0.4	210	38	1.0	0.00
10/12/2023 02:10	1.2	3	26	2.4	0.00
10/12/2023 02:20	1.4	39	18	1.9	0.00
10/12/2023 02:30	1.7	23	19	2.9	0.00
10/12/2023 02:40	1.5	22	17	2.4	0.00
10/12/2023 02:50	2.4	48	10	3.6	0.00
10/12/2023 03:00	2.1	51	14	2.8	0.00
10/12/2023 03:10	2.0	57	11	2.7	0.00
10/12/2023 03:20	1.8	56	11	2.4	0.00
10/12/2023 03:30	1.6	56	9	2.2	0.00
10/12/2023 03:40	1.3	60	8	1.7	0.00
10/12/2023 03:50	0.7	75	7	1.2	0.00
10/12/2023 04:00	0.4	65	6	0.9	0.00
10/12/2023 04:10	1.0	91	9	1.4	0.00
10/12/2023 04:20	1.4	102	6	1.7	0.00
10/12/2023 04:30	1.5	87	8	1.9	0.00
10/12/2023 04:40	1.5	70	9	2.1	0.00
10/12/2023 04:50	1.6	77	12	2.2	0.00
10/12/2023 05:00	2.2	89	11	2.9	0.00
10/12/2023 05:10	2.3	102	13	3.0	0.00
10/12/2023 05:20	2.2	98	10	3.0	0.00
10/12/2023 05:30	2.5	93	9	3.8	0.00
10/12/2023 05:40	2.6	93	11	3.6	0.00
10/12/2023 05:50	2.5	89	13	3.3	0.00
10/12/2023 06:00	2.8	86	11	3.8	0.00
10/12/2023 06:10	2.7	99	10	3.7	0.00
10/12/2023 06:20	3.6	103	12	5.2	0.00
10/12/2023 06:30	3.9	102	12	5.5	0.00
10/12/2023 06:40	5.0	105	12	6.8	0.00
10/12/2023 06:50	5.8	116	15	8.3	0.00
10/12/2023 07:00	6.9	105	12	10.1	0.00
10/12/2023 07:10	7.0	104	15	9.6	0.00
10/12/2023 07:20	7.4	103	13	10.6	0.00
10/12/2023 07:30	7.2	104	13	10.0	0.00
10/12/2023 07:40	6.8	103	11	8.7	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 07:50	7.4	98	12	11.1	0.00
10/12/2023 08:00	8.0	100	12	10.9	0.00
10/12/2023 08:10	8.1	101	11	11.3	0.00
10/12/2023 08:20	7.4	99	12	9.9	0.00
10/12/2023 08:30	8.6	97	13	12.2	0.00
10/12/2023 08:40	8.0	99	11	10.7	0.00
10/12/2023 08:50	7.7	99	11	10.7	0.00
10/12/2023 09:00	7.4	104	14	9.6	0.00
10/12/2023 09:10	8.0	95	14	10.6	0.00
10/12/2023 09:20	7.4	92	13	11.0	0.00
10/12/2023 09:30	8.4	90	13	11.5	0.00
10/12/2023 09:40	7.9	87	12	10.3	0.00
10/12/2023 09:50	8.0	91	11	10.6	0.00
10/12/2023 10:00	8.2	89	12	11.5	0.00
10/12/2023 10:10	7.5	86	13	10.7	0.00
10/12/2023 10:20	7.7	84	13	11.3	0.00
10/12/2023 10:30	8.0	85	10	11.4	0.00
10/12/2023 10:40	7.9	83	14	11.9	0.00
10/12/2023 10:50	7.8	80	13	11.7	0.00
10/12/2023 11:00	7.4	76	16	10.9	0.00
10/12/2023 11:10	8.5	70	11	11.1	0.00
10/12/2023 11:20	8.5	74	12	11.3	0.00
10/12/2023 11:30	8.4	70	10	10.5	0.00
10/12/2023 11:40	8.1	74	11	10.6	0.00
10/12/2023 11:50	7.7	73	14	10.2	0.00
10/12/2023 12:00	7.8	76	12	10.3	0.00
10/12/2023 12:10	8.3	74	11	11.0	0.00
10/12/2023 12:20	7.7	72	13	10.7	0.00
10/12/2023 12:30	8.0	72	12	10.5	0.00
10/12/2023 12:40	7.6	75	14	10.0	0.00
10/12/2023 12:50	7.3	71	12	9.7	0.00
10/12/2023 13:00	7.8	75	9	10.3	0.00
10/12/2023 13:10	7.7	76	11	10.2	0.00
10/12/2023 13:20	6.3	73	13	9.1	0.00
10/12/2023 13:30	7.7	69	11	10.3	0.00
10/12/2023 13:40	8.1	69	11	9.9	0.00
10/12/2023 13:50	7.2	67	12	9.8	0.00
10/12/2023 14:00	6.4	66	12	9.7	0.00
10/12/2023 14:10	6.6	64	14	9.7	0.00
10/12/2023 14:20	7.5	68	11	9.7	0.00
10/12/2023 14:30	6.8	61	13	9.5	0.00
10/12/2023 14:40	6.4	58	11	8.7	0.00
10/12/2023 14:50	6.3	60	12	8.5	0.00
10/12/2023 15:00	5.9	54	12	8.4	0.00
10/12/2023 15:10	5.8	60	12	7.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 15:20	5.6	59	13	7.9	0.00
10/12/2023 15:30	5.9	66	12	8.0	0.00
10/12/2023 15:40	6.3	62	11	8.5	0.00
10/12/2023 15:50	5.8	60	12	7.5	0.00
10/12/2023 16:00	5.3	62	14	7.5	0.00
10/12/2023 16:10	4.8	46	15	7.1	0.00
10/12/2023 16:20	3.4	28	24	4.8	0.00
10/12/2023 16:30	3.7	177	18	5.3	0.00
10/12/2023 16:40	3.3	354	20	4.9	0.00
10/12/2023 16:50	3.9	358	24	5.6	0.00
10/12/2023 17:00	4.3	354	20	6.5	0.00
10/12/2023 17:10	4.2	356	21	6.3	0.00
10/12/2023 17:20	3.8	177	19	5.7	0.00
10/12/2023 17:30	3.9	3	21	6.7	0.00
10/12/2023 17:40	4.1	355	19	6.1	0.00
10/12/2023 17:50	3.8	7	19	5.8	0.00
10/12/2023 18:00	3.8	2	19	5.6	0.00
10/12/2023 18:10	3.4	183	20	4.8	0.00
10/12/2023 18:20	3.3	353	19	5.0	0.00
10/12/2023 18:30	3.3	349	19	4.8	0.00
10/12/2023 18:40	3.1	354	22	4.5	0.00
10/12/2023 18:50	3.0	355	20	4.4	0.00
10/12/2023 19:00	3.4	358	17	5.4	0.00
10/12/2023 19:10	3.7	353	17	5.6	0.00
10/12/2023 19:20	3.5	355	18	5.2	0.00
10/12/2023 19:30	2.9	9	21	4.6	0.00
10/12/2023 19:40	2.4	182	22	3.5	0.00
10/12/2023 19:50	2.4	349	27	3.9	0.00
10/12/2023 20:00	2.4	181	22	4.2	0.00
10/12/2023 20:10	2.4	10	19	3.6	0.00
10/12/2023 20:20	2.5	14	21	3.9	0.00
10/12/2023 20:30	1.4	153	43	3.1	0.00
10/12/2023 20:40	2.2	289	15	3.2	0.00
10/12/2023 20:50	1.9	280	18	3.1	0.00
10/12/2023 21:00	2.5	260	10	3.4	0.00
10/12/2023 21:10	2.3	256	11	3.2	0.00
10/12/2023 21:20	2.8	247	11	3.5	0.00
10/12/2023 21:30	2.9	247	10	3.6	0.00
10/12/2023 21:40	3.4	238	11	4.5	0.00
10/12/2023 21:50	3.3	235	11	4.7	0.00
10/12/2023 22:00	2.9	234	13	4.2	0.00
10/12/2023 22:10	2.6	231	13	3.6	0.00
10/12/2023 22:20	2.8	235	11	4.1	0.00
10/12/2023 22:30	2.3	231	15	3.0	0.00
10/12/2023 22:40	2.2	236	15	3.2	0.00



Yara Pilbara Nitrates- Burrup Road 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 22:50	2.8	232	12	3.5	0.00
10/12/2023 23:00	2.8	229	14	4.0	0.00
10/12/2023 23:10	3.2	226	13	4.5	0.00
10/12/2023 23:20	3.0	232	13	4.2	0.00
10/12/2023 23:30	2.8	227	13	4.0	0.00
10/12/2023 23:40	2.8	231	13	4.0	0.00
10/12/2023 23:50	2.9	229	12	4.4	0.00
11/12/2023 00:00	3.0	229	14	3.9	0.00
11/12/2023 00:10	2.3	226	12	3.2	0.00
11/12/2023 00:20	2.1	229	13	2.8	0.00
11/12/2023 00:30	2.0	227	12	2.8	0.00
11/12/2023 00:40	2.1	238	12	2.8	0.00
11/12/2023 00:50	1.4	241	13	2.3	0.00
11/12/2023 01:00	1.6	231	16	2.5	0.00
11/12/2023 01:10	1.9	229	12	2.6	0.00
11/12/2023 01:20	1.5	227	17	2.0	0.00
11/12/2023 01:30	1.8	227	15	2.8	0.00
11/12/2023 01:40	1.8	233	11	2.4	0.00
11/12/2023 01:50	1.7	226	19	2.4	0.00
11/12/2023 02:00	2.0	227	13	2.8	0.00
11/12/2023 02:10	2.0	231	12	2.6	0.00
11/12/2023 02:20	1.8	231	16	2.4	0.00
11/12/2023 02:30	1.7	240	12	2.5	0.00
11/12/2023 02:40	1.5	238	13	2.0	0.00
11/12/2023 02:50	1.3	240	14	1.9	0.00
11/12/2023 03:00	1.2	181	44	2.4	0.00
11/12/2023 03:10	1.7	129	19	2.7	0.00
11/12/2023 03:20	2.4	98	13	3.8	0.00
11/12/2023 03:30	2.8	101	11	3.7	0.00
11/12/2023 03:40	2.4	100	11	3.2	0.00
11/12/2023 03:50	2.3	85	13	3.7	0.00
11/12/2023 04:00	3.2	81	11	4.8	0.00
11/12/2023 04:10	3.4	94	13	5.0	0.00
11/12/2023 04:20	4.0	101	12	5.6	0.00
11/12/2023 04:30	4.3	95	13	6.3	0.00
11/12/2023 04:40	4.3	90	11	6.5	0.00
11/12/2023 04:50	4.6	100	10	6.4	0.00
11/12/2023 05:00	4.4	99	10	6.3	0.00
11/12/2023 05:10	4.6	101	11	6.5	0.00
11/12/2023 05:20	4.7	104	9	6.6	0.00
11/12/2023 05:30	4.7	102	13	7.2	0.00
11/12/2023 05:40	4.7	102	12	6.7	0.00
11/12/2023 05:50	4.4	101	12	6.3	0.00
11/12/2023 06:00	5.2	102	11	7.6	0.00
11/12/2023 06:10	6.1	100	11	8.0	0.00



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 12:10	0.6	65	25	2.4	0.0
16/05/2024 12:20	1.1	193	25	2.6	0.0
16/05/2024 12:30	0.9	202	32	2.5	0.0
16/05/2024 12:40	0.5	216	26	2.2	0.0
16/05/2024 12:50	0.7	135	44	2.4	0.0
16/05/2024 13:00	0.5	185	18	2.0	0.0
16/05/2024 13:10	0.6	64	23	1.9	0.0
16/05/2024 13:20	0.4	46	9	2.0	0.0
16/05/2024 13:30	0.6	56	17	2.6	0.0
16/05/2024 13:40	0.4	194	28	2.4	0.0
16/05/2024 13:50	0.4	40	20	2.5	0.0
16/05/2024 14:00	1.3	313	23	2.8	0.0
16/05/2024 14:10	1.5	301	22	2.7	0.0
16/05/2024 14:20	0.7	321	29	2.8	0.0
16/05/2024 14:30	1.1	347	29	2.6	0.0
16/05/2024 14:40	1.0	345	26	2.4	0.0
16/05/2024 14:50	1.7	318	36	3.2	0.0
16/05/2024 15:00	1.4	328	29	3.6	0.0
16/05/2024 15:10	1.3	313	28	2.9	0.0
16/05/2024 15:20	1.7	321	23	3.4	0.0
16/05/2024 15:30	1.5	332	38	3.0	0.0
16/05/2024 15:40	1.2	325	36	3.2	0.0
16/05/2024 15:50	1.7	330	27	3.1	0.0
16/05/2024 16:00	1.9	326	21	3.2	0.0
16/05/2024 16:10	1.3	314	29	2.9	0.0
16/05/2024 16:20	2.0	326	21	3.5	0.0
16/05/2024 16:30	0.9	295	33	2.4	0.0
16/05/2024 16:40	1.3	312	29	2.7	0.0
16/05/2024 16:50	0.7	323	24	1.8	0.0
16/05/2024 17:00	1.0	335	22	2.0	0.0
16/05/2024 17:10	0.7	279	15	2.1	0.0
16/05/2024 17:20	1.0	246	16	1.9	0.0
16/05/2024 17:30	1.1	248	22	2.2	0.0
16/05/2024 17:40	0.9	239	15	1.6	0.0
16/05/2024 17:50	0.4	255	7	1.2	0.0
16/05/2024 18:00	1.2	250	6	2.4	0.0
16/05/2024 18:10	1.4	248	10	2.0	0.0
16/05/2024 18:20	1.6	248	10	2.1	0.0
16/05/2024 18:30	1.8	248	9	2.4	0.0
16/05/2024 18:40	1.6	247	9	2.2	0.0
16/05/2024 18:50	1.5	243	10	2.1	0.0
16/05/2024 19:00	1.7	250	10	2.2	0.0
16/05/2024 19:10	1.8	253	12	2.4	0.0
16/05/2024 19:20	2.1	246	12	2.9	0.0
16/05/2024 19:30	2.1	254	12	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 19:40	2.0	247	12	3.0	0.0
16/05/2024 19:50	2.0	242	16	3.2	0.0
16/05/2024 20:00	1.4	233	16	2.0	0.0
16/05/2024 20:10	0.8	225	13	1.5	0.0
16/05/2024 20:20	0.9	232	12	2.0	0.0
16/05/2024 20:30	1.2	233	15	2.2	0.0
16/05/2024 20:40	1.2	233	14	2.1	0.0
16/05/2024 20:50	1.6	247	16	2.4	0.0
16/05/2024 21:00	2.1	245	14	3.3	0.0
16/05/2024 21:10	1.9	244	15	2.8	0.0
16/05/2024 21:20	1.2	243	15	2.1	0.0
16/05/2024 21:30	1.2	246	16	2.0	0.0
16/05/2024 21:40	1.5	247	13	2.2	0.0
16/05/2024 21:50	1.5	251	14	2.5	0.0
16/05/2024 22:00	1.2	247	15	1.7	0.0
16/05/2024 22:10	1.3	247	13	2.0	0.0
16/05/2024 22:20	1.8	251	14	2.5	0.0
16/05/2024 22:30	2.2	259	12	3.0	0.0
16/05/2024 22:40	2.2	259	14	3.0	0.0
16/05/2024 22:50	1.9	257	14	2.7	0.0
16/05/2024 23:00	1.7	260	17	2.4	0.0
16/05/2024 23:10	1.6	254	16	2.7	0.0
16/05/2024 23:20	2.0	264	14	2.9	0.0
16/05/2024 23:30	1.9	261	17	2.7	0.0
16/05/2024 23:40	2.1	263	13	2.8	0.0
16/05/2024 23:50	1.9	270	15	2.8	0.0
17/05/2024 00:00	1.8	267	16	2.5	0.0
17/05/2024 00:10	2.1	269	16	3.1	0.0
17/05/2024 00:20	2.1	267	17	3.3	0.0
17/05/2024 00:30	1.6	275	20	2.6	0.0
17/05/2024 00:40	1.8	254	18	2.4	0.0
17/05/2024 00:50	1.9	248	17	2.7	0.0
17/05/2024 01:00	2.2	261	15	3.2	0.0
17/05/2024 01:10	1.7	241	17	2.7	0.0
17/05/2024 01:20	1.5	239	18	2.2	0.0
17/05/2024 01:30	0.8	231	18	2.2	0.0
17/05/2024 01:40	1.5	247	20	2.7	0.0
17/05/2024 01:50	1.8	258	16	2.5	0.0
17/05/2024 02:00	1.7	247	18	2.6	0.0
17/05/2024 02:10	0.3	229	18	1.2	0.0
17/05/2024 02:20	1.2	245	13	1.8	0.0
17/05/2024 02:30	1.3	268	12	1.9	0.0
17/05/2024 02:40	1.5	255	13	2.2	0.0
17/05/2024 02:50	1.2	250	14	2.0	0.0
17/05/2024 03:00	1.3	259	13	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 03:10	1.1	258	12	1.8	0.0
17/05/2024 03:20	1.4	252	12	2.0	0.0
17/05/2024 03:30	0.7	244	15	1.3	0.0
17/05/2024 03:40	0.6	265	14	1.5	0.0
17/05/2024 03:50	0.7	262	12	1.4	0.0
17/05/2024 04:00	0.4	272	15	1.1	0.0
17/05/2024 04:10					0.0
17/05/2024 04:20	0.6	177	20	2.2	0.0
17/05/2024 04:30	0.3	131	19	1.4	0.0
17/05/2024 04:40	0.3	97	15	1.4	0.0
17/05/2024 04:50	0.0	89	2	0.4	0.0
17/05/2024 05:00					0.0
17/05/2024 05:10					0.0
17/05/2024 05:20					0.0
17/05/2024 05:30					0.0
17/05/2024 05:40					0.0
17/05/2024 05:50					0.0
17/05/2024 06:00					0.0
17/05/2024 06:10					0.0
17/05/2024 06:20	0.1	104	6	0.8	0.0
17/05/2024 06:30	0.6	104	16	1.8	0.0
17/05/2024 06:40	1.3	110	36	2.9	0.0
17/05/2024 06:50	1.3	106	31	2.6	0.0
17/05/2024 07:00	1.5	110	37	2.5	0.0
17/05/2024 07:10	1.8	94	32	3.2	0.0
17/05/2024 07:20	1.9	89	30	3.6	0.0
17/05/2024 07:30	1.9	89	25	3.2	0.0
17/05/2024 07:40	2.1	83	24	3.5	0.0
17/05/2024 07:50	2.3	85	24	4.1	0.0
17/05/2024 08:00	3.1	83	24	5.6	0.0
17/05/2024 08:10	3.1	85	26	5.0	0.0
17/05/2024 08:20	3.4	90	28	6.0	0.0
17/05/2024 08:30	3.2	89	29	5.8	0.0
17/05/2024 08:40	3.1	81	23	5.0	0.0
17/05/2024 08:50	2.8	89	29	5.3	0.0
17/05/2024 09:00	2.9	87	27	5.2	0.0
17/05/2024 09:10	3.1	80	26	5.0	0.0
17/05/2024 09:20	3.0	88	25	4.7	0.0
17/05/2024 09:30	3.1	78	25	4.9	0.0
17/05/2024 09:40	3.3	82	25	5.3	0.0
17/05/2024 09:50	2.8	93	28	4.8	0.0
17/05/2024 10:00	2.5	80	24	4.7	0.0
17/05/2024 10:10	2.4	81	28	4.4	0.0
17/05/2024 10:20	2.9	74	27	4.5	0.0
17/05/2024 10:30	3.1	81	28	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 10:40	2.9	76	27	4.7	0.0
17/05/2024 10:50	3.1	89	21	5.0	0.0
17/05/2024 11:00	3.0	83	25	4.5	0.0
17/05/2024 11:10	2.9	76	23	5.2	0.0
17/05/2024 11:20	3.0	86	29	5.0	0.0
17/05/2024 11:30	2.4	73	28	4.1	0.0
17/05/2024 11:40	2.5	63	21	4.4	0.0
17/05/2024 11:50	2.9	64	23	4.9	0.0
17/05/2024 12:00	2.8	65	20	5.1	0.0
17/05/2024 12:10	2.6	60	24	4.9	0.0
17/05/2024 12:20	3.1	58	22	5.4	0.0
17/05/2024 12:30	2.6	60	25	4.8	0.0
17/05/2024 12:40	2.7	59	24	5.0	0.0
17/05/2024 12:50	2.6	62	22	4.4	0.0
17/05/2024 13:00	2.7	59	23	4.8	0.0
17/05/2024 13:10	2.7	62	21	5.2	0.0
17/05/2024 13:20	2.6	67	23	4.3	0.0
17/05/2024 13:30	2.7	63	26	4.3	0.0
17/05/2024 13:40	2.6	61	20	4.4	0.0
17/05/2024 13:50	2.4	66	24	4.2	0.0
17/05/2024 14:00	2.6	64	25	4.7	0.0
17/05/2024 14:10	2.6	59	24	4.4	0.0
17/05/2024 14:20	2.5	60	24	4.2	0.0
17/05/2024 14:30	2.6	69	19	4.0	0.0
17/05/2024 14:40	2.6	60	22	5.2	0.0
17/05/2024 14:50	2.3	55	27	4.3	0.0
17/05/2024 15:00	3.0	52	19	5.2	0.0
17/05/2024 15:10	3.1	52	19	4.9	0.0
17/05/2024 15:20	3.2	48	20	4.8	0.0
17/05/2024 15:30	2.4	53	20	4.6	0.0
17/05/2024 15:40	2.6	49	19	4.1	0.0
17/05/2024 15:50	2.2	53	17	3.6	0.0
17/05/2024 16:00	2.5	48	20	3.6	0.0
17/05/2024 16:10	2.3	46	20	3.7	0.0
17/05/2024 16:20	2.4	56	18	4.0	0.0
17/05/2024 16:30	2.3	50	17	3.7	0.0
17/05/2024 16:40	2.4	44	20	3.8	0.0
17/05/2024 16:50	2.1	48	19	3.4	0.0
17/05/2024 17:00	1.8	48	19	3.0	0.0
17/05/2024 17:10	2.3	45	20	3.8	0.0
17/05/2024 17:20	1.5	51	19	2.8	0.0
17/05/2024 17:30	1.7	46	17	2.8	0.0
17/05/2024 17:40	1.7	42	20	2.5	0.0
17/05/2024 17:50	1.6	41	19	2.6	0.0
17/05/2024 18:00	1.4	40	18	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 18:10	1.4	40	18	2.6	0.0
17/05/2024 18:20	1.4	41	18	2.2	0.0
17/05/2024 18:30	1.4	43	18	2.0	0.0
17/05/2024 18:40	1.3	39	21	2.1	0.0
17/05/2024 18:50	1.5	37	21	2.4	0.0
17/05/2024 19:00	1.8	36	19	2.6	0.0
17/05/2024 19:10	1.7	37	20	2.4	0.0
17/05/2024 19:20	1.3	44	18	2.8	0.0
17/05/2024 19:30	0.4	46	9	1.6	0.0
17/05/2024 19:40					0.0
17/05/2024 19:50	0.7	38	15	1.6	0.0
17/05/2024 20:00	0.4	49	11	1.2	0.0
17/05/2024 20:10					0.0
17/05/2024 20:20	0.2	40	6	1.2	0.0
17/05/2024 20:30					0.0
17/05/2024 20:40					0.0
17/05/2024 20:50					0.0
17/05/2024 21:00					0.0
17/05/2024 21:10					0.0
17/05/2024 21:20					0.0
17/05/2024 21:30					0.0
17/05/2024 21:40					0.0
17/05/2024 21:50					0.0
17/05/2024 22:00					0.0
17/05/2024 22:10					0.0
17/05/2024 22:20					0.0
17/05/2024 22:30					0.0
17/05/2024 22:40					0.0
17/05/2024 22:50					0.0
17/05/2024 23:00					0.0
17/05/2024 23:10					0.0
17/05/2024 23:20					0.0
17/05/2024 23:30					0.0
17/05/2024 23:40					0.0
17/05/2024 23:50					0.0
18/05/2024 00:00					0.0
18/05/2024 00:10					0.0
18/05/2024 00:20					0.0
18/05/2024 00:30					0.0
18/05/2024 00:40					0.0
18/05/2024 00:50					0.0
18/05/2024 01:00					0.0
18/05/2024 01:10					0.0
18/05/2024 01:20					0.0
18/05/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 01:40					0.0
18/05/2024 01:50					0.0
18/05/2024 02:00					0.0
18/05/2024 02:10					0.0
18/05/2024 02:20					0.0
18/05/2024 02:30					0.0
18/05/2024 02:40					0.0
18/05/2024 02:50					0.0
18/05/2024 03:00	0.1	99	8	1.2	0.0
18/05/2024 03:10	0.8	97	21	1.7	0.0
18/05/2024 03:20	1.4	90	26	2.8	0.0
18/05/2024 03:30	0.9	103	30	1.9	0.0
18/05/2024 03:40	0.7	117	32	1.9	0.0
18/05/2024 03:50	0.9	122	31	2.1	0.0
18/05/2024 04:00	1.6	105	29	3.0	0.0
18/05/2024 04:10	2.2	107	33	4.7	0.0
18/05/2024 04:20	2.5	109	31	4.0	0.0
18/05/2024 04:30	2.8	113	31	4.5	0.0
18/05/2024 04:40	2.7	109	35	4.7	0.0
18/05/2024 04:50	2.8	107	32	4.8	0.0
18/05/2024 05:00	2.5	112	33	4.5	0.0
18/05/2024 05:10	2.5	114	33	4.4	0.0
18/05/2024 05:20	2.8	104	35	4.8	0.0
18/05/2024 05:30	3.0	102	31	5.1	0.0
18/05/2024 05:40	2.6	110	32	4.1	0.0
18/05/2024 05:50	2.6	113	35	4.5	0.0
18/05/2024 06:00	2.9	101	30	5.5	0.0
18/05/2024 06:10	2.8	108	28	4.8	0.0
18/05/2024 06:20	3.0	109	29	5.5	0.0
18/05/2024 06:30	3.0	109	29	5.0	0.0
18/05/2024 06:40	3.0	110	36	5.1	0.0
18/05/2024 06:50	2.9	117	29	4.8	0.0
18/05/2024 07:00	2.7	118	33	4.8	0.0
18/05/2024 07:10	2.8	112	33	4.6	0.0
18/05/2024 07:20	2.8	117	34	5.0	0.0
18/05/2024 07:30	2.9	116	29	4.9	0.0
18/05/2024 07:40	2.8	119	28	5.0	0.0
18/05/2024 07:50	2.9	115	33	5.6	0.0
18/05/2024 08:00	2.9	114	33	5.9	0.0
18/05/2024 08:10	3.1	110	40	5.3	0.0
18/05/2024 08:20	3.3	111	33	5.2	0.0
18/05/2024 08:30	2.8	114	36	4.7	0.0
18/05/2024 08:40	3.1	110	30	5.6	0.0
18/05/2024 08:50	3.1	117	31	5.0	0.0
18/05/2024 09:00	3.4	101	32	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 09:10	3.2	97	35	5.7	0.0
18/05/2024 09:20	3.3	100	27	5.9	0.0
18/05/2024 09:30	3.4	99	31	5.9	0.0
18/05/2024 09:40	3.3	102	31	5.6	0.0
18/05/2024 09:50	3.2	98	33	5.4	0.0
18/05/2024 10:00	3.1	87	24	5.2	0.0
18/05/2024 10:10	3.4	81	20	5.5	0.0
18/05/2024 10:20	3.1	85	32	6.1	0.0
18/05/2024 10:30	3.5	87	26	5.9	0.0
18/05/2024 10:40	3.4	90	26	5.9	0.0
18/05/2024 10:50	3.2	77	28	5.6	0.0
18/05/2024 11:00	3.1	78	20	5.2	0.0
18/05/2024 11:10	3.3	90	26	5.6	0.0
18/05/2024 11:20	3.0	78	23	4.9	0.0
18/05/2024 11:30	3.4	77	23	5.2	0.0
18/05/2024 11:40	3.1	80	25	5.2	0.0
18/05/2024 11:50	3.2	73	24	5.2	0.0
18/05/2024 12:00	3.1	57	24	6.0	0.0
18/05/2024 12:10	3.3	53	24	5.6	0.0
18/05/2024 12:20	3.3	56	23	5.9	0.0
18/05/2024 12:30	3.0	55	25	5.2	0.0
18/05/2024 12:40	3.0	58	24	5.9	0.0
18/05/2024 12:50	3.1	55	21	5.4	0.0
18/05/2024 13:00	2.9	60	22	5.0	0.0
18/05/2024 13:10	3.1	67	25	5.3	0.0
18/05/2024 13:20	2.7	57	25	4.9	0.0
18/05/2024 13:30	2.7	60	25	4.6	0.0
18/05/2024 13:40	3.1	69	22	4.8	0.0
18/05/2024 13:50	2.7	52	23	5.2	0.0
18/05/2024 14:00	2.8	61	25	4.8	0.0
18/05/2024 14:10	3.5	47	19	5.6	0.0
18/05/2024 14:20	3.0	53	22	5.2	0.0
18/05/2024 14:30	3.1	50	20	5.0	0.0
18/05/2024 14:40	3.3	53	19	5.5	0.0
18/05/2024 14:50	2.9	57	20	4.5	0.0
18/05/2024 15:00	2.9	51	24	5.3	0.0
18/05/2024 15:10	2.9	57	21	5.2	0.0
18/05/2024 15:20	2.4	49	21	4.1	0.0
18/05/2024 15:30	2.5	46	22	4.0	0.0
18/05/2024 15:40	2.5	59	20	4.6	0.0
18/05/2024 15:50	2.2	46	20	4.4	0.0
18/05/2024 16:00	2.5	47	20	4.5	0.0
18/05/2024 16:10	2.6	46	16	4.4	0.0
18/05/2024 16:20	2.5	52	21	4.5	0.0
18/05/2024 16:30	2.6	54	19	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 16:40	2.9	50	17	5.2	0.0
18/05/2024 16:50	2.9	49	21	4.8	0.0
18/05/2024 17:00	2.3	42	22	4.0	0.0
18/05/2024 17:10	2.3	47	18	4.2	0.0
18/05/2024 17:20	1.9	51	18	3.3	0.0
18/05/2024 17:30	1.9	45	20	3.3	0.0
18/05/2024 17:40	1.7	45	19	3.1	0.0
18/05/2024 17:50	1.6	43	19	3.6	0.0
18/05/2024 18:00	1.2	44	15	2.5	0.0
18/05/2024 18:10	0.4	45	11	1.7	0.0
18/05/2024 18:20	0.4	37	17	1.7	0.0
18/05/2024 18:30					0.0
18/05/2024 18:40	0.0	38	0	0.4	0.0
18/05/2024 18:50	0.0	51	3	0.6	0.0
18/05/2024 19:00					0.0
18/05/2024 19:10					0.0
18/05/2024 19:20					0.0
18/05/2024 19:30					0.0
18/05/2024 19:40					0.0
18/05/2024 19:50					0.0
18/05/2024 20:00					0.0
18/05/2024 20:10					0.0
18/05/2024 20:20					0.0
18/05/2024 20:30					0.0
18/05/2024 20:40					0.0
18/05/2024 20:50					0.0
18/05/2024 21:00					0.0
18/05/2024 21:10	0.0	21	0	0.4	0.0
18/05/2024 21:20					0.0
18/05/2024 21:30					0.0
18/05/2024 21:40					0.0
18/05/2024 21:50					0.0
18/05/2024 22:00	0.1	26	6	0.7	0.0
18/05/2024 22:10	0.4	41	13	1.3	0.0
18/05/2024 22:20	1.1	38	19	2.0	0.0
18/05/2024 22:30	1.4	42	19	2.9	0.0
18/05/2024 22:40	0.8	59	17	2.7	0.0
18/05/2024 22:50	1.5	63	18	4.0	0.0
18/05/2024 23:00	2.0	71	32	4.8	0.0
18/05/2024 23:10	2.4	78	29	4.4	0.0
18/05/2024 23:20	2.6	78	23	5.0	0.0
18/05/2024 23:30	2.2	78	26	4.0	0.0
18/05/2024 23:40	2.2	88	30	4.0	0.0
18/05/2024 23:50	2.3	93	28	4.3	0.0
19/05/2024 00:00	2.2	88	31	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 00:10	2.7	90	29	4.8	0.0
19/05/2024 00:20	2.6	100	30	4.9	0.0
19/05/2024 00:30	2.8	95	32	4.7	0.0
19/05/2024 00:40	3.0	97	35	5.3	0.0
19/05/2024 00:50	2.7	103	32	5.0	0.0
19/05/2024 01:00	2.9	103	32	5.4	0.0
19/05/2024 01:10	3.3	104	29	5.4	0.0
19/05/2024 01:20	2.9	99	30	5.7	0.0
19/05/2024 01:30	2.9	103	30	4.7	0.0
19/05/2024 01:40	2.7	111	35	4.9	0.0
19/05/2024 01:50	2.7	108	34	4.9	0.0
19/05/2024 02:00	2.5	104	32	5.6	0.0
19/05/2024 02:10	2.7	109	37	5.4	0.0
19/05/2024 02:20	2.7	101	28	4.6	0.0
19/05/2024 02:30	3.1	108	27	5.1	0.0
19/05/2024 02:40	2.7	110	28	5.1	0.0
19/05/2024 02:50	2.6	104	33	4.9	0.0
19/05/2024 03:00	3.0	107	32	5.8	0.0
19/05/2024 03:10	3.0	105	36	5.6	0.0
19/05/2024 03:20	2.9	106	32	5.7	0.0
19/05/2024 03:30	2.9	101	31	5.1	0.0
19/05/2024 03:40	2.6	106	31	4.7	0.0
19/05/2024 03:50	2.7	107	31	5.1	0.0
19/05/2024 04:00	2.8	108	32	5.0	0.0
19/05/2024 04:10	2.9	106	39	5.4	0.0
19/05/2024 04:20	3.2	99	33	6.0	0.0
19/05/2024 04:30	3.1	106	32	5.2	0.0
19/05/2024 04:40	2.7	109	35	5.2	0.0
19/05/2024 04:50	2.3	100	30	4.4	0.0
19/05/2024 05:00	2.9	98	35	5.5	0.0
19/05/2024 05:10	2.8	101	34	5.1	0.0
19/05/2024 05:20	2.6	102	34	6.0	0.0
19/05/2024 05:30	2.9	102	35	6.0	0.0
19/05/2024 05:40	2.8	111	34	5.6	0.0
19/05/2024 05:50	2.8	112	34	5.8	0.0
19/05/2024 06:00	3.4	109	29	6.4	0.0
19/05/2024 06:10	3.3	106	34	6.2	0.0
19/05/2024 06:20	3.2	105	30	5.7	0.0
19/05/2024 06:30	3.3	105	34	6.2	0.0
19/05/2024 06:40	3.3	102	28	6.1	0.0
19/05/2024 06:50	3.0	111	38	5.7	0.0
19/05/2024 07:00	3.0	107	38	5.8	0.0
19/05/2024 07:10	3.2	110	30	6.0	0.0
19/05/2024 07:20	2.7	109	31	5.9	0.0
19/05/2024 07:30	3.2	103	31	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 07:40	3.4	99	29	5.6	0.0
19/05/2024 07:50	3.5	98	30	6.3	0.0
19/05/2024 08:00	3.4	97	32	6.3	0.0
19/05/2024 08:10	3.3	98	29	5.8	0.0
19/05/2024 08:20	3.8	98	28	6.4	0.0
19/05/2024 08:30	3.2	100	32	6.4	0.0
19/05/2024 08:40	3.1	97	33	5.6	0.0
19/05/2024 08:50	3.2	94	33	5.0	0.0
19/05/2024 09:00	3.6	95	29	5.6	0.0
19/05/2024 09:10	3.8	87	23	6.2	0.0
19/05/2024 09:20	3.5	86	26	6.5	0.0
19/05/2024 09:30	3.7	90	24	6.4	0.0
19/05/2024 09:40	4.1	86	23	6.0	0.0
19/05/2024 09:50	3.5	88	24	6.8	0.0
19/05/2024 10:00	3.8	87	20	5.8	0.0
19/05/2024 10:10	2.9	95	28	6.3	0.0
19/05/2024 10:20	3.5	89	22	6.0	0.0
19/05/2024 10:30	3.5	78	25	5.9	0.0
19/05/2024 10:40	3.4	90	24	5.5	0.0
19/05/2024 10:50	3.5	79	23	6.2	0.0
19/05/2024 11:00	3.5	83	26	5.6	0.0
19/05/2024 11:10	3.7	91	30	6.0	0.0
19/05/2024 11:20	3.5	96	23	5.6	0.0
19/05/2024 11:30	3.1	77	25	5.1	0.0
19/05/2024 11:40	3.6	80	28	6.0	0.0
19/05/2024 11:50	3.6	83	20	6.1	0.0
19/05/2024 12:00	3.9	72	24	6.5	0.0
19/05/2024 12:10	3.7	77	25	6.2	0.0
19/05/2024 12:20	3.7	81	23	5.5	0.0
19/05/2024 12:30	3.7	77	21	5.6	0.0
19/05/2024 12:40	3.5	71	24	5.8	0.0
19/05/2024 12:50	3.4	59	21	5.3	0.0
19/05/2024 13:00	3.4	66	21	5.2	0.0
19/05/2024 13:10	3.5	52	24	5.8	0.0
19/05/2024 13:20	3.3	62	21	5.5	0.0
19/05/2024 13:30	3.3	58	24	5.2	0.0
19/05/2024 13:40	3.4	64	23	5.8	0.0
19/05/2024 13:50	3.0	67	22	4.8	0.0
19/05/2024 14:00	3.3	56	21	5.7	0.0
19/05/2024 14:10	3.2	62	23	4.9	0.0
19/05/2024 14:20	3.6	50	20	5.5	0.0
19/05/2024 14:30	3.5	48	19	5.6	0.0
19/05/2024 14:40	3.1	60	21	4.8	0.0
19/05/2024 14:50	2.8	59	25	4.7	0.0
19/05/2024 15:00	2.9	58	23	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 15:10	3.0	54	21	4.8	0.0
19/05/2024 15:20	2.7	43	20	4.6	0.0
19/05/2024 15:30	2.7	51	24	4.4	0.0
19/05/2024 15:40	2.6	54	21	4.2	0.0
19/05/2024 15:50	2.6	54	22	4.8	0.0
19/05/2024 16:00	2.4	51	23	3.9	0.0
19/05/2024 16:10	2.4	44	23	3.7	0.0
19/05/2024 16:20	2.7	45	17	4.4	0.0
19/05/2024 16:30	2.5	47	21	4.4	0.0
19/05/2024 16:40	2.6	42	18	3.5	0.0
19/05/2024 16:50	2.4	35	21	3.6	0.0
19/05/2024 17:00	2.4	38	21	3.4	0.0
19/05/2024 17:10	2.2	44	21	3.6	0.0
19/05/2024 17:20	1.9	35	19	3.0	0.0
19/05/2024 17:30	1.6	38	18	2.4	0.0
19/05/2024 17:40	1.6	37	19	2.2	0.0
19/05/2024 17:50	1.4	33	14	2.0	0.0
19/05/2024 18:00	1.4	24	16	2.1	0.0
19/05/2024 18:10	1.4	28	15	2.0	0.0
19/05/2024 18:20	1.2	27	17	1.6	0.0
19/05/2024 18:30	1.2	39	14	1.8	0.0
19/05/2024 18:40	1.3	29	14	1.9	0.0
19/05/2024 18:50	1.1	27	20	1.7	0.0
19/05/2024 19:00	0.6	39	16	1.3	0.0
19/05/2024 19:10	0.7	33	16	1.2	0.0
19/05/2024 19:20	0.5	88	29	1.1	0.0
19/05/2024 19:30					0.0
19/05/2024 19:40	0.1	52	10	0.4	0.0
19/05/2024 19:50	0.3	24	11	0.8	0.0
19/05/2024 20:00	0.6	29	14	1.1	0.0
19/05/2024 20:10	0.9	31	17	1.3	0.0
19/05/2024 20:20	0.3	27	9	1.1	0.0
19/05/2024 20:30					0.0
19/05/2024 20:40					0.0
19/05/2024 20:50	0.0	25	5	0.4	0.0
19/05/2024 21:00	0.4	28	15	1.0	0.0
19/05/2024 21:10	0.0	13	2	0.4	0.0
19/05/2024 21:20	0.1	38	6	0.6	0.0
19/05/2024 21:30	0.0	42	6	0.4	0.0
19/05/2024 21:40	0.0	47	3	0.4	0.0
19/05/2024 21:50					0.0
19/05/2024 22:00					0.0
19/05/2024 22:10					0.0
19/05/2024 22:20					0.0
19/05/2024 22:30	0.0	43	0	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 22:40	0.0	29	0	0.4	0.0
19/05/2024 22:50	0.1	75	5	0.6	0.0
19/05/2024 23:00	0.0	122	9	0.6	0.0
19/05/2024 23:10					0.0
19/05/2024 23:20	0.0	44	0	0.4	0.0
19/05/2024 23:30	0.1	81	13	1.0	0.0
19/05/2024 23:40	0.0	114	8	0.8	0.0
19/05/2024 23:50	1.0	95	29	2.4	0.0
20/05/2024 00:00	1.3	98	32	2.0	0.0
20/05/2024 00:10	1.4	98	30	2.8	0.0
20/05/2024 00:20	1.8	98	39	3.2	0.0
20/05/2024 00:30	2.1	97	31	3.4	0.0
20/05/2024 00:40	2.7	94	27	4.3	0.0
20/05/2024 00:50	2.2	97	29	3.5	0.0
20/05/2024 01:00	2.5	93	27	4.3	0.0
20/05/2024 01:10	2.2	92	25	4.1	0.0
20/05/2024 01:20	2.2	90	35	4.5	0.0
20/05/2024 01:30	2.3	99	33	3.8	0.0
20/05/2024 01:40	2.6	97	31	4.2	0.0
20/05/2024 01:50	2.5	100	34	4.4	0.0
20/05/2024 02:00	2.8	92	30	4.4	0.0
20/05/2024 02:10	2.7	101	28	4.9	0.0
20/05/2024 02:20	3.1	95	30	5.0	0.0
20/05/2024 02:30	2.7	95	30	4.5	0.0
20/05/2024 02:40	3.0	95	28	5.4	0.0
20/05/2024 02:50	2.8	100	27	4.4	0.0
20/05/2024 03:00	2.5	104	36	4.0	0.0
20/05/2024 03:10	2.5	108	33	4.4	0.0
20/05/2024 03:20	2.8	109	37	4.9	0.0
20/05/2024 03:30	3.1	113	35	6.2	0.0
20/05/2024 03:40	3.2	114	34	5.0	0.0
20/05/2024 03:50	3.0	107	32	5.0	0.0
20/05/2024 04:00	3.1	108	32	5.4	0.0
20/05/2024 04:10	3.6	112	31	6.0	0.0
20/05/2024 04:20	3.3	102	32	6.0	0.0
20/05/2024 04:30	3.3	107	31	6.0	0.0
20/05/2024 04:40	3.4	112	36	6.2	0.0
20/05/2024 04:50	2.8	107	36	5.2	0.0
20/05/2024 05:00	2.9	102	28	5.0	0.0
20/05/2024 05:10	3.3	110	30	5.6	0.0
20/05/2024 05:20	3.0	114	33	5.4	0.0
20/05/2024 05:30	3.3	111	36	6.1	0.0
20/05/2024 05:40	3.4	107	31	5.9	0.0
20/05/2024 05:50	3.3	107	30	5.9	0.0
20/05/2024 06:00	2.9	112	34	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 06:10	3.4	107	26	5.3	0.0
20/05/2024 06:20	3.3	100	30	5.4	0.0
20/05/2024 06:30	3.0	93	27	5.5	0.0
20/05/2024 06:40	2.9	105	33	4.6	0.0
20/05/2024 06:50	3.0	105	31	5.2	0.0
20/05/2024 07:00	2.8	104	34	4.9	0.0
20/05/2024 07:10	3.3	103	34	5.7	0.0
20/05/2024 07:20	3.3	97	30	6.3	0.0
20/05/2024 07:30	3.4	98	30	5.2	0.0
20/05/2024 07:40	3.3	106	28	5.9	0.0
20/05/2024 07:50	3.3	105	27	5.8	0.0
20/05/2024 08:00	3.3	106	28	5.4	0.0
20/05/2024 08:10	3.5	105	33	6.3	0.0
20/05/2024 08:20	3.4	99	30	6.1	0.0
20/05/2024 08:30	3.4	98	35	5.6	0.0
20/05/2024 08:40	3.4	95	34	6.1	0.0
20/05/2024 08:50	3.6	90	24	5.7	0.0
20/05/2024 09:00	4.3	82	23	7.5	0.0
20/05/2024 09:10	4.6	88	24	8.3	0.0
20/05/2024 09:20	4.6	85	25	7.2	0.0
20/05/2024 09:30	4.3	85	28	5.9	0.0
20/05/2024 09:40	4.5	87	27	6.8	0.0
20/05/2024 09:50	3.8	89	23	6.3	0.0
20/05/2024 10:00	4.1	88	25	7.1	0.0
20/05/2024 10:10	4.0	87	23	5.9	0.0
20/05/2024 10:20	3.9	89	26	7.2	0.0
20/05/2024 10:30	4.0	80	26	6.3	0.0
20/05/2024 10:40	4.2	81	22	6.4	0.0
20/05/2024 10:50	4.0	80	20	6.1	0.0
20/05/2024 11:00	4.3	81	21	7.1	0.0
20/05/2024 11:10	4.3	82	20	6.7	0.0
20/05/2024 11:20	4.5	77	22	8.0	0.0
20/05/2024 11:30	4.3	77	20	6.8	0.0
20/05/2024 11:40	4.6	76	21	7.0	0.0
20/05/2024 11:50	4.2	82	22	7.1	0.0
20/05/2024 12:00	4.1	79	23	6.7	0.0
20/05/2024 12:10	4.3	84	22	6.7	0.0
20/05/2024 12:20	3.9	80	21	6.8	0.0
20/05/2024 12:30	3.5	72	25	5.5	0.0
20/05/2024 12:40	3.5	77	27	6.0	0.0
20/05/2024 12:50	3.3	39	13	5.3	0.0
20/05/2024 13:00	3.7	68	21	5.5	0.0
20/05/2024 13:10	3.6	64	24	6.0	0.0
20/05/2024 13:20	3.7	61	21	5.5	0.0
20/05/2024 13:30	3.9	65	21	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 13:40	3.4	62	23	5.2	0.0
20/05/2024 13:50	3.9	69	20	5.5	0.0
20/05/2024 14:00	3.9	72	21	6.0	0.0
20/05/2024 14:10	3.8	64	22	6.4	0.0
20/05/2024 14:20	3.6	69	20	6.1	0.0
20/05/2024 14:30	3.6	56	21	5.6	0.0
20/05/2024 14:40	3.6	61	24	5.8	0.0
20/05/2024 14:50	3.6	64	20	5.3	0.0
20/05/2024 15:00	3.3	61	22	5.7	0.0
20/05/2024 15:10	3.0	60	23	4.8	0.0
20/05/2024 15:20	3.3	57	24	5.1	0.0
20/05/2024 15:30	3.1	60	26	5.2	0.0
20/05/2024 15:40	3.2	57	21	4.8	0.0
20/05/2024 15:50	3.1	55	22	5.4	0.0
20/05/2024 16:00	3.0	52	20	4.8	0.0
20/05/2024 16:10	3.3	59	22	5.6	0.0
20/05/2024 16:20	2.8	59	20	4.4	0.0
20/05/2024 16:30	2.6	64	22	4.3	0.0
20/05/2024 16:40	2.9	52	20	5.2	0.0
20/05/2024 16:50	2.6	54	26	4.3	0.0
20/05/2024 17:00	2.5	53	21	4.4	0.0
20/05/2024 17:10	2.4	53	20	4.2	0.0
20/05/2024 17:20	2.4	53	21	4.0	0.0
20/05/2024 17:30	2.4	53	19	3.6	0.0
20/05/2024 17:40	2.3	48	20	3.6	0.0
20/05/2024 17:50	2.1	47	21	3.3	0.0
20/05/2024 18:00	1.8	43	19	3.0	0.0
20/05/2024 18:10	1.5	44	18	2.6	0.0
20/05/2024 18:20	1.3	37	21	2.2	0.0
20/05/2024 18:30	1.3	46	20	2.1	0.0
20/05/2024 18:40	1.3	40	19	2.4	0.0
20/05/2024 18:50	1.2	42	18	2.0	0.0
20/05/2024 19:00	1.1	36	18	1.7	0.0
20/05/2024 19:10	1.3	34	21	1.9	0.0
20/05/2024 19:20	1.2	37	17	1.6	0.0
20/05/2024 19:30	1.2	32	15	1.7	0.0
20/05/2024 19:40	1.0	22	13	1.3	0.0
20/05/2024 19:50	1.1	23	17	1.6	0.0
20/05/2024 20:00	1.0	26	15	1.2	0.0
20/05/2024 20:10	1.0	23	16	1.4	0.0
20/05/2024 20:20	0.9	22	17	1.3	0.0
20/05/2024 20:30	0.9	23	18	1.5	0.0
20/05/2024 20:40	0.6	28	17	1.2	0.0
20/05/2024 20:50	0.8	30	19	1.1	0.0
20/05/2024 21:00	0.3	26	13	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 21:10	1.0	22	16	1.5	0.0
20/05/2024 21:20	0.8	21	17	1.3	0.0
20/05/2024 21:30	0.6	21	15	1.0	0.0
20/05/2024 21:40	0.2	17	6	0.8	0.0
20/05/2024 21:50					0.0
20/05/2024 22:00					0.0
20/05/2024 22:10					0.0
20/05/2024 22:20					0.0
20/05/2024 22:30	0.0	34	1	0.4	0.0
20/05/2024 22:40	0.0	6	0	0.4	0.0
20/05/2024 22:50					0.0
20/05/2024 23:00					0.0
20/05/2024 23:10					0.0
20/05/2024 23:20					0.0
20/05/2024 23:30					0.0
20/05/2024 23:40					0.0
20/05/2024 23:50					0.0
21/05/2024 00:00					0.0
21/05/2024 00:10					0.0
21/05/2024 00:20					0.0
21/05/2024 00:30					0.0
21/05/2024 00:40					0.0
21/05/2024 00:50					0.0
21/05/2024 01:00					0.0
21/05/2024 01:10	0.2	49	12	0.8	0.0
21/05/2024 01:20	0.0	207	2	0.5	0.0
21/05/2024 01:30	0.1	67	6	0.8	0.0
21/05/2024 01:40	0.4	78	23	1.0	0.0
21/05/2024 01:50	0.1	69	11	1.0	0.0
21/05/2024 02:00	0.5	67	28	1.1	0.0
21/05/2024 02:10	0.6	86	33	1.6	0.0
21/05/2024 02:20	1.2	88	33	2.0	0.0
21/05/2024 02:30	1.7	87	21	3.4	0.0
21/05/2024 02:40	2.1	90	26	3.5	0.0
21/05/2024 02:50	2.2	93	23	3.3	0.0
21/05/2024 03:00	2.0	89	28	3.7	0.0
21/05/2024 03:10	1.7	98	34	3.0	0.0
21/05/2024 03:20	1.9	93	26	3.4	0.0
21/05/2024 03:30	1.6	104	36	3.1	0.0
21/05/2024 03:40	1.5	102	29	3.2	0.0
21/05/2024 03:50	1.0	108	33	1.9	0.0
21/05/2024 04:00	1.5	100	34	2.9	0.0
21/05/2024 04:10	1.5	96	29	2.8	0.0
21/05/2024 04:20	2.0	90	28	4.0	0.0
21/05/2024 04:30	1.8	100	35	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 04:40	1.6	109	36	3.4	0.0
21/05/2024 04:50	1.3	104	32	3.0	0.0
21/05/2024 05:00	1.7	111	33	3.0	0.0
21/05/2024 05:10	1.4	117	35	2.4	0.0
21/05/2024 05:20	1.6	122	40	3.2	0.0
21/05/2024 05:30	1.6	118	31	3.0	0.0
21/05/2024 05:40	1.6	121	36	3.4	0.0
21/05/2024 05:50	2.1	120	31	3.9	0.0
21/05/2024 06:00	2.2	116	35	4.0	0.0
21/05/2024 06:10	2.1	121	34	4.2	0.0
21/05/2024 06:20	2.1	120	29	3.3	0.0
21/05/2024 06:30	2.3	128	30	3.8	0.0
21/05/2024 06:40	2.4	120	30	4.0	0.0
21/05/2024 06:50	2.1	125	29	3.7	0.0
21/05/2024 07:00	2.2	117	30	3.8	0.0
21/05/2024 07:10	2.4	114	36	4.2	0.0
21/05/2024 07:20	2.2	123	34	3.7	0.0
21/05/2024 07:30	2.6	126	32	5.2	0.0
21/05/2024 07:40	2.4	114	41	3.9	0.0
21/05/2024 07:50	2.6	112	29	4.3	0.0
21/05/2024 08:00	2.7	109	33	4.6	0.0
21/05/2024 08:10	2.9	112	31	5.0	0.0
21/05/2024 08:20	3.2	114	31	4.9	0.0
21/05/2024 08:30	2.9	106	30	5.0	0.0
21/05/2024 08:40	3.2	96	29	5.8	0.0
21/05/2024 08:50	3.5	101	28	5.5	0.0
21/05/2024 09:00	3.1	98	32	5.6	0.0
21/05/2024 09:10	3.7	90	28	7.2	0.0
21/05/2024 09:20	4.3	83	26	7.4	0.0
21/05/2024 09:30	4.8	84	23	7.5	0.0
21/05/2024 09:40	4.6	87	22	7.9	0.0
21/05/2024 09:50	4.5	88	24	7.9	0.0
21/05/2024 10:00	3.6	84	29	6.4	0.0
21/05/2024 10:10	4.3	85	24	6.4	0.0
21/05/2024 10:20	3.9	80	26	7.3	0.0
21/05/2024 10:30	3.7	88	26	6.1	0.0
21/05/2024 10:40	3.8	86	19	6.0	0.0
21/05/2024 10:50	4.1	90	26	6.7	0.0
21/05/2024 11:00	4.0	94	26	7.0	0.0
21/05/2024 11:10	4.0	90	26	6.4	0.0
21/05/2024 11:20	4.1	80	23	6.9	0.0
21/05/2024 11:30	4.0	85	28	6.1	0.0
21/05/2024 11:40	3.9	88	24	5.7	0.0
21/05/2024 11:50	3.5	75	25	5.6	0.0
21/05/2024 12:00	4.2	77	26	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 12:10	4.1	76	22	6.4	0.0
21/05/2024 12:20	3.8	80	26	6.2	0.0
21/05/2024 12:30	4.4	76	25	6.8	0.0
21/05/2024 12:40	4.2	79	23	6.8	0.0
21/05/2024 12:50	3.8	72	23	6.4	0.0
21/05/2024 13:00	3.9	78	23	6.5	0.0
21/05/2024 13:10	3.9	81	22	7.2	0.0
21/05/2024 13:20	3.7	75	25	6.0	0.0
21/05/2024 13:30	3.3	73	24	5.6	0.0
21/05/2024 13:40	3.1	57	21	4.9	0.0
21/05/2024 13:50	3.5	59	23	5.7	0.0
21/05/2024 14:00	3.8	63	20	6.2	0.0
21/05/2024 14:10	4.0	68	23	6.1	0.0
21/05/2024 14:20	3.4	62	25	6.0	0.0
21/05/2024 14:30	3.8	58	22	6.1	0.0
21/05/2024 14:40	4.0	59	20	6.3	0.0
21/05/2024 14:50	4.1	62	21	6.0	0.0
21/05/2024 15:00	4.5	56	23	6.8	0.0
21/05/2024 15:10	3.6	57	23	6.0	0.0
21/05/2024 15:20	4.0	58	20	6.3	0.0
21/05/2024 15:30	4.0	52	22	6.1	0.0
21/05/2024 15:40	4.0	55	20	6.6	0.0
21/05/2024 15:50	3.6	58	20	5.4	0.0
21/05/2024 16:00	3.4	55	20	5.3	0.0
21/05/2024 16:10	2.8	55	21	4.4	0.0
21/05/2024 16:20	3.0	51	20	5.2	0.0
21/05/2024 16:30	2.8	54	21	4.8	0.0
21/05/2024 16:40	2.3	57	22	3.9	0.0
21/05/2024 16:50	2.4	49	18	4.1	0.0
21/05/2024 17:00	2.5	48	19	4.0	0.0
21/05/2024 17:10	2.1	53	17	3.3	0.0
21/05/2024 17:20	2.2	52	20	3.6	0.0
21/05/2024 17:30	1.7	50	22	2.8	0.0
21/05/2024 17:40	1.7	53	22	2.6	0.0
21/05/2024 17:50	1.6	47	20	2.5	0.0
21/05/2024 18:00	1.5	45	19	2.8	0.0
21/05/2024 18:10	1.4	45	19	2.1	0.0
21/05/2024 18:20	1.3	41	18	1.9	0.0
21/05/2024 18:30	1.4	45	22	2.2	0.0
21/05/2024 18:40	1.4	38	20	2.4	0.0
21/05/2024 18:50	1.6	38	18	2.4	0.0
21/05/2024 19:00	1.4	31	19	2.1	0.0
21/05/2024 19:10	1.6	35	17	2.7	0.0
21/05/2024 19:20	1.5	30	20	2.1	0.0
21/05/2024 19:30	1.2	30	21	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 19:40	1.1	27	18	2.0	0.0
21/05/2024 19:50	1.1	28	17	1.6	0.0
21/05/2024 20:00	1.0	21	16	1.5	0.0
21/05/2024 20:10	0.5	21	14	1.0	0.0
21/05/2024 20:20					0.0
21/05/2024 20:30	0.7	253	7	1.0	0.0
21/05/2024 20:40	0.2	317	9	1.1	0.0
21/05/2024 20:50	0.8	329	12	1.4	0.0
21/05/2024 21:00	0.6	344	11	1.2	0.0
21/05/2024 21:10	0.8	343	12	1.2	0.0
21/05/2024 21:20	0.5	341	11	0.9	0.0
21/05/2024 21:30	0.8	351	12	1.2	0.0
21/05/2024 21:40	1.0	338	12	1.2	0.0
21/05/2024 21:50	1.1	338	10	1.4	0.0
21/05/2024 22:00	1.5	330	5	1.7	0.0
21/05/2024 22:10	1.1	335	12	1.4	0.0
21/05/2024 22:20	0.5	173	16	1.0	0.0
21/05/2024 22:30	0.8	348	12	1.3	0.0
21/05/2024 22:40	0.8	348	12	1.2	0.0
21/05/2024 22:50	0.7	351	13	0.9	0.0
21/05/2024 23:00	0.6	345	13	0.9	0.0
21/05/2024 23:10	0.0	321	2	0.4	0.0
21/05/2024 23:20					0.0
21/05/2024 23:30					0.0
21/05/2024 23:40	0.9	232	12	1.2	0.0
21/05/2024 23:50	1.4	227	13	1.8	0.0
22/05/2024 00:00	1.2	248	10	1.5	0.0
22/05/2024 00:10	0.6	271	13	1.0	0.0
22/05/2024 00:20	0.1	235	12	0.7	0.0
22/05/2024 00:30	0.1	13	5	0.8	0.0
22/05/2024 00:40	0.4	156	41	1.2	0.0
22/05/2024 00:50	0.2	305	6	0.8	0.0
22/05/2024 01:00	0.3	240	16	0.8	0.0
22/05/2024 01:10	0.4	224	30	1.1	0.0
22/05/2024 01:20	0.4	314	31	1.1	0.0
22/05/2024 01:30	0.4	207	38	1.2	0.0
22/05/2024 01:40	0.5	203	39	1.5	0.0
22/05/2024 01:50	0.4	226	34	1.2	0.0
22/05/2024 02:00	0.5	210	19	1.1	0.0
22/05/2024 02:10	0.6	198	36	1.5	0.0
22/05/2024 02:20	0.8	224	32	1.5	0.0
22/05/2024 02:30	0.5	235	24	1.3	0.0
22/05/2024 02:40	0.1	112	8	0.7	0.0
22/05/2024 02:50	0.6	48	24	1.2	0.0
22/05/2024 03:00	0.5	47	23	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 03:10	0.6	47	32	1.2	0.0
22/05/2024 03:20	0.5	55	34	0.8	0.0
22/05/2024 03:30	0.5	88	34	0.9	0.0
22/05/2024 03:40	0.5	62	31	1.1	0.0
22/05/2024 03:50	0.4	108	25	1.2	0.0
22/05/2024 04:00	0.3	114	35	1.1	0.0
22/05/2024 04:10	0.4	70	31	0.9	0.0
22/05/2024 04:20	0.6	77	27	1.3	0.0
22/05/2024 04:30	0.7	71	29	1.3	0.0
22/05/2024 04:40	0.6	83	40	1.4	0.0
22/05/2024 04:50	1.0	109	38	2.0	0.0
22/05/2024 05:00	1.2	95	27	2.3	0.0
22/05/2024 05:10	1.2	98	35	2.2	0.0
22/05/2024 05:20	1.1	108	34	2.1	0.0
22/05/2024 05:30	1.0	105	40	2.3	0.0
22/05/2024 05:40	0.8	100	28	1.6	0.0
22/05/2024 05:50	1.0	96	35	1.7	0.0
22/05/2024 06:00	1.4	100	35	2.6	0.0
22/05/2024 06:10	1.4	102	36	2.7	0.0
22/05/2024 06:20	1.4	98	31	2.8	0.0
22/05/2024 06:30	1.6	91	31	3.3	0.0
22/05/2024 06:40	2.0	94	27	4.3	0.0
22/05/2024 06:50	1.8	97	34	3.5	0.0
22/05/2024 07:00	1.8	103	34	2.9	0.0
22/05/2024 07:10	2.0	103	35	3.6	0.0
22/05/2024 07:20	2.0	97	30	3.4	0.0
22/05/2024 07:30	2.2	103	30	3.9	0.0
22/05/2024 07:40	2.6	104	34	4.3	0.0
22/05/2024 07:50	2.1	110	33	3.6	0.0
22/05/2024 08:00	2.5	104	33	4.1	0.0
22/05/2024 08:10	2.7	101	36	4.4	0.0
22/05/2024 08:20	2.3	109	33	3.9	0.0
22/05/2024 08:30	3.2	110	30	4.8	0.0
22/05/2024 08:40	3.0	94	34	5.9	0.0
22/05/2024 08:50	2.9	96	32	5.6	0.0
22/05/2024 09:00	3.1	100	26	4.9	0.0
22/05/2024 09:10	2.7	89	25	4.3	0.0
22/05/2024 09:20	3.5	85	27	6.2	0.0
22/05/2024 09:30	3.7	84	23	6.1	0.0
22/05/2024 09:40	3.9	87	21	5.8	0.0
22/05/2024 09:50	4.0	83	25	6.4	0.0
22/05/2024 10:00	3.8	87	22	6.1	0.0
22/05/2024 10:10	4.0	90	30	6.8	0.0
22/05/2024 10:20	3.6	88	26	5.8	0.0
22/05/2024 10:30	4.1	85	27	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 10:40	4.4	87	20	7.0	0.0
22/05/2024 10:50	3.9	86	28	6.4	0.0
22/05/2024 11:00	3.9	90	20	6.4	0.0
22/05/2024 11:10	4.5	88	26	6.8	0.0
22/05/2024 11:20	4.0	91	24	6.3	0.0
22/05/2024 11:30	3.8	88	30	6.6	0.0
22/05/2024 11:40	3.6	94	26	6.0	0.0
22/05/2024 11:50	3.8	92	30	5.5	0.0
22/05/2024 12:00	4.0	88	27	6.8	0.0
22/05/2024 12:10	4.0	88	22	6.5	0.0
22/05/2024 12:20	3.6	81	24	6.3	0.0
22/05/2024 12:30	3.4	88	27	7.0	0.0
22/05/2024 12:40	3.6	80	23	6.3	0.0
22/05/2024 12:50	3.8	78	24	6.0	0.0
22/05/2024 13:00	4.0	79	21	5.8	0.0
22/05/2024 13:10	3.5	77	26	5.6	0.0
22/05/2024 13:20	3.8	82	22	6.5	0.0
22/05/2024 13:30	3.6	85	25	5.4	0.0
22/05/2024 13:40	3.4	84	23	5.9	0.0
22/05/2024 13:50	3.5	75	19	6.0	0.0
22/05/2024 14:00	3.4	67	22	5.5	0.0
22/05/2024 14:10	3.5	55	23	5.4	0.0
22/05/2024 14:20	3.2	67	24	4.8	0.0
22/05/2024 14:30	2.8	70	24	5.2	0.0
22/05/2024 14:40	2.7	73	22	5.1	0.0
22/05/2024 14:50	2.9	66	24	4.4	0.0
22/05/2024 15:00	2.7	63	24	4.5	0.0
22/05/2024 15:10	2.8	62	24	4.3	0.0
22/05/2024 15:20	2.8	55	21	4.6	0.0
22/05/2024 15:30	3.0	47	22	4.5	0.0
22/05/2024 15:40	2.8	58	24	4.6	0.0
22/05/2024 15:50	2.7	52	18	4.8	0.0
22/05/2024 16:00	2.4	45	19	4.0	0.0
22/05/2024 16:10	2.2	60	21	3.3	0.0
22/05/2024 16:20	2.7	57	24	4.4	0.0
22/05/2024 16:30	2.5	55	21	4.0	0.0
22/05/2024 16:40	2.1	57	21	3.4	0.0
22/05/2024 16:50	2.1	55	18	3.6	0.0
22/05/2024 17:00	2.1	37	21	3.2	0.0
22/05/2024 17:10	2.1	45	18	3.4	0.0
22/05/2024 17:20	2.1	49	20	3.9	0.0
22/05/2024 17:30	1.9	51	19	3.2	0.0
22/05/2024 17:40	1.7	49	17	2.7	0.0
22/05/2024 17:50	1.6	47	17	2.5	0.0
22/05/2024 18:00	1.6	48	17	2.8	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 18:10	1.1	45	14	1.6	0.0
22/05/2024 18:20	0.6	44	16	1.4	0.0
22/05/2024 18:30					0.0
22/05/2024 18:40					0.0
22/05/2024 18:50	0.4	26	13	0.9	0.0
22/05/2024 19:00	0.1	33	6	0.8	0.0
22/05/2024 19:10	0.5	26	8	0.9	0.0
22/05/2024 19:20	1.0	25	13	1.4	0.0
22/05/2024 19:30	0.8	22	16	1.2	0.0
22/05/2024 19:40	0.9	23	16	1.2	0.0
22/05/2024 19:50	0.3	34	13	0.8	0.0
22/05/2024 20:00	0.3	28	11	0.8	0.0
22/05/2024 20:10					0.0
22/05/2024 20:20					0.0
22/05/2024 20:30					0.0
22/05/2024 20:40	0.0	344	0	0.4	0.0
22/05/2024 20:50	0.1	347	3	0.4	0.0
22/05/2024 21:00					0.0
22/05/2024 21:10	0.2	347	9	0.8	0.0
22/05/2024 21:20	0.5	347	10	1.1	0.0
22/05/2024 21:30	0.5	348	12	0.9	0.0
22/05/2024 21:40	0.6	349	16	1.0	0.0
22/05/2024 21:50	0.7	347	15	1.1	0.0
22/05/2024 22:00	0.5	354	14	1.1	0.0
22/05/2024 22:10	0.7	349	16	1.1	0.0
22/05/2024 22:20	0.1	245	4	0.7	0.0
22/05/2024 22:30	0.2	182	9	0.7	0.0
22/05/2024 22:40	0.1	29	4	0.5	0.0
22/05/2024 22:50	0.3	24	9	0.8	0.0
22/05/2024 23:00	0.4	18	11	0.9	0.0
22/05/2024 23:10	0.4	27	13	0.8	0.0
22/05/2024 23:20	0.1	14	8	0.4	0.0
22/05/2024 23:30					0.0
22/05/2024 23:40	0.0	346	0	0.4	0.0
22/05/2024 23:50					0.0
23/05/2024 00:00					0.0
23/05/2024 00:10	0.3	51	8	1.1	0.0
23/05/2024 00:20	0.7	25	15	1.1	0.0
23/05/2024 00:30	0.8	19	15	1.2	0.0
23/05/2024 00:40	0.3	16	16	1.0	0.0
23/05/2024 00:50	0.3	22	13	0.9	0.0
23/05/2024 01:00	0.2	40	8	0.7	0.0
23/05/2024 01:10	0.0	0	1	0.4	0.0
23/05/2024 01:20	0.1	21	5	0.4	0.0
23/05/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 01:40	0.1	22	6	0.4	0.0
23/05/2024 01:50	0.2	194	9	0.8	0.0
23/05/2024 02:00	0.6	189	14	1.1	0.0
23/05/2024 02:10	0.3	15	9	0.8	0.0
23/05/2024 02:20	0.5	24	16	0.9	0.0
23/05/2024 02:30	0.3	28	9	1.0	0.0
23/05/2024 02:40	0.7	31	16	1.2	0.0
23/05/2024 02:50	0.7	26	13	1.1	0.0
23/05/2024 03:00	0.9	18	15	1.2	0.0
23/05/2024 03:10	0.8	9	18	1.1	0.0
23/05/2024 03:20	0.2	16	10	0.8	0.0
23/05/2024 03:30	0.5	29	15	0.9	0.0
23/05/2024 03:40	0.4	27	16	0.8	0.0
23/05/2024 03:50	0.4	14	13	0.9	0.0
23/05/2024 04:00	0.6	5	16	0.9	0.0
23/05/2024 04:10	0.5	15	12	0.8	0.0
23/05/2024 04:20	0.2	30	9	0.7	0.0
23/05/2024 04:30					0.0
23/05/2024 04:40	0.4	26	12	0.8	0.0
23/05/2024 04:50	0.1	25	5	0.5	0.0
23/05/2024 05:00	0.7	20	15	1.0	0.0
23/05/2024 05:10	0.6	187	18	1.1	0.0
23/05/2024 05:20	0.8	13	14	1.2	0.0
23/05/2024 05:30	0.5	10	13	0.9	0.0
23/05/2024 05:40	0.3	9	14	0.7	0.0
23/05/2024 05:50	0.8	23	16	1.2	0.0
23/05/2024 06:00	0.9	15	16	1.2	0.0
23/05/2024 06:10	0.5	19	18	1.1	0.0
23/05/2024 06:20	0.6	22	16	1.1	0.0
23/05/2024 06:30	0.7	26	19	1.1	0.0
23/05/2024 06:40	0.5	12	15	1.0	0.0
23/05/2024 06:50	0.0	3	0	0.4	0.0
23/05/2024 07:00	0.0	25	0	0.4	0.0
23/05/2024 07:10	0.4	45	17	0.8	0.0
23/05/2024 07:20	0.1	70	6	0.8	0.0
23/05/2024 07:30	0.2	82	12	0.8	0.0
23/05/2024 07:40	0.4	85	11	1.0	0.0
23/05/2024 07:50	0.7	117	31	1.3	0.0
23/05/2024 08:00	0.9	100	35	1.6	0.0
23/05/2024 08:10	1.4	118	34	2.6	0.0
23/05/2024 08:20	1.3	132	29	2.4	0.0
23/05/2024 08:30	1.6	112	35	2.8	0.0
23/05/2024 08:40	2.0	115	37	3.6	0.0
23/05/2024 08:50	2.0	114	37	3.9	0.0
23/05/2024 09:00	2.0	100	34	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 09:10	2.2	97	26	3.5	0.0
23/05/2024 09:20	3.0	85	25	4.9	0.0
23/05/2024 09:30	2.6	84	31	4.4	0.0
23/05/2024 09:40	3.0	79	21	5.0	0.0
23/05/2024 09:50	2.9	69	23	5.2	0.0
23/05/2024 10:00	3.2	81	22	5.6	0.0
23/05/2024 10:10	2.7	85	27	4.8	0.0
23/05/2024 10:20	2.7	72	24	4.7	0.0
23/05/2024 10:30	2.6	73	23	4.4	0.0
23/05/2024 10:40	2.5	78	21	4.0	0.0
23/05/2024 10:50	2.6	72	28	4.3	0.0
23/05/2024 11:00	2.7	78	22	4.4	0.0
23/05/2024 11:10	2.6	92	26	4.0	0.0
23/05/2024 11:20	2.5	78	26	4.7	0.0
23/05/2024 11:30	2.5	80	25	4.4	0.0
23/05/2024 11:40	2.6	82	26	4.2	0.0
23/05/2024 11:50	2.7	87	26	4.6	0.0
23/05/2024 12:00	2.7	79	27	4.2	0.0
23/05/2024 12:10	2.9	82	21	4.4	0.0
23/05/2024 12:20	3.2	81	21	4.6	0.0
23/05/2024 12:30	2.6	68	26	4.0	0.0
23/05/2024 12:40	2.7	62	24	4.1	0.0
23/05/2024 12:50	2.6	61	26	4.3	0.0
23/05/2024 13:00	3.0	51	21	4.7	0.0
23/05/2024 13:10	2.8	66	19	4.5	0.0
23/05/2024 13:20	2.7	62	22	4.6	0.0
23/05/2024 13:30	2.7	64	25	4.8	0.0
23/05/2024 13:40	2.9	59	20	4.6	0.0
23/05/2024 13:50	2.6	64	26	4.3	0.0
23/05/2024 14:00	2.7	65	27	4.0	0.0
23/05/2024 14:10	2.7	69	26	4.8	0.0
23/05/2024 14:20	2.7	76	25	4.4	0.0
23/05/2024 14:30	2.6	61	26	4.2	0.0
23/05/2024 14:40	2.6	66	23	4.0	0.0
23/05/2024 14:50	2.7	53	25	4.4	0.0
23/05/2024 15:00	2.6	61	22	4.1	0.0
23/05/2024 15:10	2.5	63	23	3.9	0.0
23/05/2024 15:20	2.3	56	22	4.0	0.0
23/05/2024 15:30	2.5	70	21	4.0	0.0
23/05/2024 15:40	2.4	69	25	3.7	0.0
23/05/2024 15:50	2.4	64	22	3.8	0.0
23/05/2024 16:00	2.4	65	26	3.9	0.0
23/05/2024 16:10	2.4	54	20	3.6	0.0
23/05/2024 16:20	2.2	56	23	3.4	0.0
23/05/2024 16:30	2.2	54	21	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 16:40	2.4	54	21	4.0	0.0
23/05/2024 16:50	2.0	60	19	3.5	0.0
23/05/2024 17:00	1.8	63	23	2.5	0.0
23/05/2024 17:10	1.9	49	17	3.1	0.0
23/05/2024 17:20	1.9	43	16	2.8	0.0
23/05/2024 17:30	1.8	51	16	3.2	0.0
23/05/2024 17:40	1.7	35	24	2.9	0.0
23/05/2024 17:50	1.9	36	24	3.2	0.0
23/05/2024 18:00	1.7	32	26	3.2	0.0
23/05/2024 18:10	1.7	26	29	2.9	0.0
23/05/2024 18:20	1.7	34	25	2.7	0.0
23/05/2024 18:30	1.9	23	27	2.9	0.0
23/05/2024 18:40	1.9	27	27	3.2	0.0
23/05/2024 18:50	2.0	34	27	3.1	0.0
23/05/2024 19:00	1.7	34	24	2.6	0.0
23/05/2024 19:10	1.9	32	25	3.3	0.0
23/05/2024 19:20	1.9	26	24	2.7	0.0
23/05/2024 19:30	1.7	25	23	2.8	0.0
23/05/2024 19:40	1.7	26	26	2.7	0.0
23/05/2024 19:50	1.5	22	30	2.6	0.0
23/05/2024 20:00	1.9	36	21	2.9	0.0
23/05/2024 20:10	1.7	34	21	2.7	0.0
23/05/2024 20:20	1.7	40	17	3.0	0.0
23/05/2024 20:30	1.4	44	16	2.0	0.0
23/05/2024 20:40	1.3	44	16	2.0	0.0
23/05/2024 20:50	1.4	48	14	2.0	0.0
23/05/2024 21:00	0.9	42	13	1.5	0.0
23/05/2024 21:10	0.9	33	14	1.3	0.0
23/05/2024 21:20	0.9	30	14	1.3	0.0
23/05/2024 21:30	0.9	28	12	1.2	0.0
23/05/2024 21:40	0.9	35	12	1.2	0.0
23/05/2024 21:50	1.1	35	14	1.5	0.0
23/05/2024 22:00	1.1	31	13	1.3	0.0
23/05/2024 22:10	1.0	37	15	1.5	0.0
23/05/2024 22:20	0.9	39	15	1.3	0.0
23/05/2024 22:30	0.9	41	13	1.6	0.0
23/05/2024 22:40	0.4	45	11	1.1	0.0
23/05/2024 22:50	0.5	32	15	1.2	0.0
23/05/2024 23:00	0.0	30	5	0.6	0.0
23/05/2024 23:10	0.4	22	11	0.9	0.0
23/05/2024 23:20	1.0	20	16	1.3	0.0
23/05/2024 23:30	1.1	22	13	1.4	0.0
23/05/2024 23:40	1.0	24	13	1.4	0.0
23/05/2024 23:50	1.1	20	13	1.5	0.0
24/05/2024 00:00	0.9	15	13	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 00:10	0.6	12	14	1.0	0.0
24/05/2024 00:20	0.4	356	13	0.9	0.0
24/05/2024 00:30	0.4	350	14	0.8	0.0
24/05/2024 00:40					0.0
24/05/2024 00:50	0.1	18	6	0.6	0.0
24/05/2024 01:00	0.2	26	5	0.8	0.0
24/05/2024 01:10	0.1	355	3	0.6	0.0
24/05/2024 01:20					0.0
24/05/2024 01:30	0.1	359	5	0.6	0.0
24/05/2024 01:40	0.2	177	7	0.7	0.0
24/05/2024 01:50	0.5	339	5	1.0	0.0
24/05/2024 02:00					0.0
24/05/2024 02:10	0.7	340	6	1.1	0.0
24/05/2024 02:20	0.2	338	3	0.6	0.0
24/05/2024 02:30					0.0
24/05/2024 02:40					0.0
24/05/2024 02:50	0.1	189	3	0.5	0.0
24/05/2024 03:00	0.8	24	12	1.2	0.0
24/05/2024 03:10	0.4	33	11	0.8	0.0
24/05/2024 03:20	0.2	31	5	0.9	0.0
24/05/2024 03:30	0.2	50	4	0.8	0.0
24/05/2024 03:40	0.0	11	0	0.4	0.0
24/05/2024 03:50					0.0
24/05/2024 04:00					0.0
24/05/2024 04:10	0.1	16	2	0.6	0.0
24/05/2024 04:20	0.7	40	17	1.4	0.0
24/05/2024 04:30	1.0	43	15	1.7	0.0
24/05/2024 04:40	1.0	45	14	1.6	0.0
24/05/2024 04:50	0.7	24	20	1.3	0.0
24/05/2024 05:00	0.7	45	17	1.3	0.0
24/05/2024 05:10	1.1	44	18	1.9	0.0
24/05/2024 05:20	0.5	38	21	1.1	0.0
24/05/2024 05:30	0.4	42	17	1.0	0.0
24/05/2024 05:40	0.2	34	12	0.8	0.0
24/05/2024 05:50	0.3	25	14	0.9	0.0
24/05/2024 06:00	0.7	40	17	1.2	0.0
24/05/2024 06:10	0.6	32	16	1.2	0.0
24/05/2024 06:20	0.9	39	15	1.2	0.0
24/05/2024 06:30	0.7	48	15	1.2	0.0
24/05/2024 06:40	0.4	45	11	0.8	0.0
24/05/2024 06:50	0.0	32	6	0.4	0.0
24/05/2024 07:00	0.1	66	6	0.8	0.0
24/05/2024 07:10	0.2	59	10	0.9	0.0
24/05/2024 07:20	0.4	60	13	1.2	0.0
24/05/2024 07:30	0.7	81	16	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 07:40	0.2	94	9	0.9	0.0
24/05/2024 07:50	0.4	25	15	1.1	0.0
24/05/2024 08:00	0.5	60	20	1.2	0.0
24/05/2024 08:10	0.1	148	9	1.1	0.0
24/05/2024 08:20	1.1	134	31	2.0	0.0
24/05/2024 08:30	1.4	102	28	2.4	0.0
24/05/2024 08:40	1.6	95	28	2.5	0.0
24/05/2024 08:50	1.6	111	29	2.7	0.0
24/05/2024 09:00	1.6	103	28	2.5	0.0
24/05/2024 09:10	1.6	117	30	3.0	0.0
24/05/2024 09:20	1.9	138	27	3.6	5.0
24/05/2024 09:30	1.5	118	32	3.0	0.0
24/05/2024 09:40	1.6	104	27	2.5	0.0
24/05/2024 09:50	1.5	115	33	2.5	0.0
24/05/2024 10:00	1.6	129	32	2.4	0.0
24/05/2024 10:10	1.8	134	37	2.8	0.0
24/05/2024 10:20	1.7	129	32	2.8	0.0
24/05/2024 10:30	1.6	128	33	2.7	0.0
24/05/2024 10:40	1.7	137	33	2.8	0.0
24/05/2024 10:50	1.9	148	28	2.8	0.0
24/05/2024 11:00	1.8	130	32	3.2	0.0
24/05/2024 11:10	1.9	136	23	3.2	0.0
24/05/2024 11:20	1.9	106	26	3.2	0.0
24/05/2024 11:30	2.1	85	28	3.6	0.0
24/05/2024 11:40	1.9	73	25	3.2	0.0
24/05/2024 11:50	2.3	81	24	3.7	0.0
24/05/2024 12:00	2.3	63	25	3.9	0.0
24/05/2024 12:10	2.1	57	25	3.7	0.0
24/05/2024 12:20	2.0	69	26	3.2	0.0
24/05/2024 12:30	2.3	66	23	3.7	0.0
24/05/2024 12:40	2.4	57	23	3.6	0.0
24/05/2024 12:50	2.2	58	23	3.6	0.0
24/05/2024 13:00	2.2	64	21	4.0	0.0
24/05/2024 13:10	2.2	57	23	3.7	0.0
24/05/2024 13:20	2.2	72	24	3.2	0.0
24/05/2024 13:30	2.0	57	26	3.4	0.0
24/05/2024 13:40	2.2	57	23	3.7	0.0
24/05/2024 13:50	2.3	62	26	4.4	0.0
24/05/2024 14:00	2.1	56	26	3.4	0.0
24/05/2024 14:10	2.1	67	20	4.0	0.0
24/05/2024 14:20	2.1	69	23	3.4	0.0
24/05/2024 14:30	2.1	60	26	3.2	0.0
24/05/2024 14:40	2.0	69	23	3.2	0.0
24/05/2024 14:50	2.1	59	23	4.0	0.0
24/05/2024 15:00	2.0	53	25	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 15:10	2.0	69	25	3.5	0.0
24/05/2024 15:20	2.0	54	23	3.2	0.0
24/05/2024 15:30	1.7	65	22	2.9	0.0
24/05/2024 15:40	1.7	60	24	2.7	0.0
24/05/2024 15:50	1.8	61	28	2.8	0.0
24/05/2024 16:00	1.7	61	25	2.8	0.0
24/05/2024 16:10	1.7	65	23	2.7	0.0
24/05/2024 16:20	1.7	63	24	2.8	0.0
24/05/2024 16:30	1.5	66	21	2.2	0.0
24/05/2024 16:40	0.7	72	23	1.6	0.0
24/05/2024 16:50	1.0	70	21	1.9	0.0
24/05/2024 17:00	1.4	60	21	2.2	0.0
24/05/2024 17:10	1.4	49	20	2.0	0.0
24/05/2024 17:20	1.3	55	18	1.9	0.0
24/05/2024 17:30	1.5	56	13	2.1	0.0
24/05/2024 17:40	1.5	51	13	2.2	0.0
24/05/2024 17:50	1.4	59	15	1.9	0.0
24/05/2024 18:00	0.9	58	14	1.7	0.0
24/05/2024 18:10	1.0	63	15	1.7	0.0
24/05/2024 18:20	0.3	64	9	0.8	0.0
24/05/2024 18:30	0.4	48	12	1.0	0.0
24/05/2024 18:40	0.2	56	7	0.9	0.0
24/05/2024 18:50	0.1	58	8	0.8	0.0
24/05/2024 19:00	0.5	28	22	1.5	0.0
24/05/2024 19:10	0.9	52	16	1.6	0.0
24/05/2024 19:20	0.9	57	17	1.6	0.0
24/05/2024 19:30	0.9	46	20	1.4	0.0
24/05/2024 19:40	0.9	40	24	2.0	0.0
24/05/2024 19:50	0.7	23	28	1.5	0.0
24/05/2024 20:00	0.1	341	9	1.0	0.0
24/05/2024 20:10	0.4	174	28	1.1	0.0
24/05/2024 20:20					0.0
24/05/2024 20:30					0.0
24/05/2024 20:40	0.7	307	23	1.4	0.0
24/05/2024 20:50	0.0	293	1	0.4	0.0
24/05/2024 21:00	0.3	324	12	0.9	0.0
24/05/2024 21:10	0.3	335	11	1.2	0.0
24/05/2024 21:20	0.6	338	31	1.6	0.0
24/05/2024 21:30	0.5	179	29	1.6	0.0
24/05/2024 21:40	0.8	327	25	1.7	0.0
24/05/2024 21:50	0.6	310	22	1.5	0.0
24/05/2024 22:00	0.6	294	34	1.5	0.0
24/05/2024 22:10	1.4	245	10	1.9	0.0
24/05/2024 22:20	1.4	239	10	1.9	0.0
24/05/2024 22:30	1.2	251	8	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 22:40	0.4	265	8	1.1	0.0
24/05/2024 22:50	0.8	249	11	1.2	0.0
24/05/2024 23:00	0.6	252	8	1.1	0.0
24/05/2024 23:10	0.6	245	10	1.0	0.0
24/05/2024 23:20	0.1	284	11	0.8	0.0
24/05/2024 23:30	0.7	283	20	1.2	0.0
24/05/2024 23:40	0.9	277	13	1.4	0.0
24/05/2024 23:50	1.1	255	10	1.5	0.0
25/05/2024 00:00	1.2	261	11	1.6	0.0
25/05/2024 00:10	0.8	300	18	1.2	0.0
25/05/2024 00:20	0.9	302	15	1.2	0.0
25/05/2024 00:30	0.8	309	16	1.4	0.0
25/05/2024 00:40	0.5	300	14	1.0	0.0
25/05/2024 00:50	0.2	295	9	0.8	0.0
25/05/2024 01:00	0.4	249	5	0.8	0.0
25/05/2024 01:10	0.8	252	6	1.1	0.0
25/05/2024 01:20	0.6	261	12	0.9	0.0
25/05/2024 01:30					0.0
25/05/2024 01:40					0.0
25/05/2024 01:50	0.2	269	10	0.8	0.0
25/05/2024 02:00	0.9	262	15	1.6	0.0
25/05/2024 02:10	0.2	197	8	0.8	0.0
25/05/2024 02:20	0.0	211	6	0.6	0.0
25/05/2024 02:30	0.0	103	0	0.4	0.0
25/05/2024 02:40					0.0
25/05/2024 02:50	0.0	134	0	0.4	0.0
25/05/2024 03:00	0.2	194	21	1.2	0.0
25/05/2024 03:10	0.6	217	16	1.6	0.0
25/05/2024 03:20	0.6	257	17	1.2	0.0
25/05/2024 03:30	0.9	251	14	1.2	0.0
25/05/2024 03:40	0.3	232	9	0.9	0.0
25/05/2024 03:50					0.0
25/05/2024 04:00					0.0
25/05/2024 04:10	0.0	236	0	0.4	0.0
25/05/2024 04:20					0.0
25/05/2024 04:30	0.7	234	14	1.6	0.0
25/05/2024 04:40	1.6	242	15	2.4	0.0
25/05/2024 04:50	1.1	245	21	1.6	0.0
25/05/2024 05:00	0.1	223	13	0.7	0.0
25/05/2024 05:10					0.0
25/05/2024 05:20					0.0
25/05/2024 05:30	0.3	222	15	1.1	0.0
25/05/2024 05:40	0.0	47	0	0.4	0.0
25/05/2024 05:50					0.0
25/05/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 06:10					0.0
25/05/2024 06:20	1.0	236	15	1.2	0.0
25/05/2024 06:30	0.6	242	13	1.0	0.0
25/05/2024 06:40					0.0
25/05/2024 06:50	0.0	346	1	0.4	0.0
25/05/2024 07:00	0.4	342	8	0.8	0.0
25/05/2024 07:10	0.0	328	0	0.4	0.0
25/05/2024 07:20	0.5	331	6	1.0	0.0
25/05/2024 07:30	0.0	189	0	0.4	0.0
25/05/2024 07:40	0.2	162	7	0.8	0.0
25/05/2024 07:50	0.1	204	8	0.7	0.0
25/05/2024 08:00					0.0
25/05/2024 08:10	0.1	127	8	0.8	0.0
25/05/2024 08:20	0.8	112	19	1.6	0.0
25/05/2024 08:30	0.1	86	2	0.8	0.0
25/05/2024 08:40	0.4	108	18	1.1	0.0
25/05/2024 08:50	1.0	138	24	2.0	0.0
25/05/2024 09:00	1.2	119	30	2.2	0.0
25/05/2024 09:10	1.5	149	27	2.6	0.0
25/05/2024 09:20	1.1	114	30	1.9	0.0
25/05/2024 09:30	1.2	108	26	2.0	0.0
25/05/2024 09:40	1.5	129	32	2.4	0.0
25/05/2024 09:50	1.6	126	29	2.7	0.0
25/05/2024 10:00	1.6	140	36	2.7	0.0
25/05/2024 10:10	1.3	115	27	2.4	0.0
25/05/2024 10:20	1.4	130	31	2.3	0.0
25/05/2024 10:30	1.4	116	36	2.4	0.0
25/05/2024 10:40	1.4	118	39	2.3	0.0
25/05/2024 10:50	1.6	95	28	2.8	0.0
25/05/2024 11:00	1.5	106	26	2.4	0.0
25/05/2024 11:10	1.4	93	35	2.8	0.0
25/05/2024 11:20	1.4	102	37	2.8	0.0
25/05/2024 11:30	1.4	119	36	2.6	0.0
25/05/2024 11:40	1.6	78	29	2.5	0.0
25/05/2024 11:50	1.7	83	32	2.8	0.0
25/05/2024 12:00	1.8	76	26	2.9	0.0
25/05/2024 12:10	1.9	72	26	3.3	0.0
25/05/2024 12:20	2.1	58	25	3.6	0.0
25/05/2024 12:30	2.1	64	25	3.5	0.0
25/05/2024 12:40	2.5	54	23	4.0	0.0
25/05/2024 12:50	2.1	60	28	3.5	0.0
25/05/2024 13:00	2.2	56	25	4.0	0.0
25/05/2024 13:10	2.4	51	24	4.0	0.0
25/05/2024 13:20	2.4	55	22	3.9	0.0
25/05/2024 13:30	2.2	58	21	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 13:40	2.2	58	22	3.6	0.0
25/05/2024 13:50	2.3	51	22	3.9	0.0
25/05/2024 14:00	2.0	50	21	3.5	0.0
25/05/2024 14:10	2.3	50	23	3.6	0.0
25/05/2024 14:20	2.2	52	21	3.6	0.0
25/05/2024 14:30	2.4	53	26	4.0	0.0
25/05/2024 14:40	2.3	64	21	3.9	0.0
25/05/2024 14:50	2.2	58	23	4.0	0.0
25/05/2024 15:00	2.2	60	22	3.7	0.0
25/05/2024 15:10	2.3	49	20	3.6	0.0
25/05/2024 15:20	2.4	47	18	3.7	0.0
25/05/2024 15:30	2.3	55	20	3.9	0.0
25/05/2024 15:40	2.3	56	22	3.7	0.0
25/05/2024 15:50	2.0	65	19	3.3	0.0
25/05/2024 16:00	1.9	56	22	3.0	0.0
25/05/2024 16:10	1.8	55	21	3.2	0.0
25/05/2024 16:20	2.3	44	19	3.5	0.0
25/05/2024 16:30	1.9	43	19	3.1	0.0
25/05/2024 16:40	1.8	48	16	2.9	0.0
25/05/2024 16:50	2.0	47	13	2.8	0.0
25/05/2024 17:00	1.6	51	14	2.2	0.0
25/05/2024 17:10	1.4	48	15	2.3	0.0
25/05/2024 17:20	1.5	43	19	2.3	0.0
25/05/2024 17:30	1.8	23	24	2.8	0.0
25/05/2024 17:40	1.8	31	23	2.8	0.0
25/05/2024 17:50	1.7	25	22	2.8	0.0
25/05/2024 18:00	2.0	17	24	2.9	0.0
25/05/2024 18:10	1.5	19	33	2.8	0.0
25/05/2024 18:20	1.6	184	24	2.8	0.0
25/05/2024 18:30	1.5	350	40	2.8	0.0
25/05/2024 18:40	1.2	328	36	2.0	0.0
25/05/2024 18:50	0.8	194	49	1.6	0.0
25/05/2024 19:00	0.7	147	44	1.5	0.0
25/05/2024 19:10	1.1	249	26	1.6	0.0
25/05/2024 19:20	0.4	226	22	1.2	0.0
25/05/2024 19:30	1.5	249	11	2.0	0.0
25/05/2024 19:40	1.0	247	8	1.5	0.0
25/05/2024 19:50	0.8	242	10	1.1	0.0
25/05/2024 20:00	1.5	243	8	1.9	0.0
25/05/2024 20:10	1.0	258	11	1.4	0.0
25/05/2024 20:20	0.4	271	10	0.9	0.0
25/05/2024 20:30					0.0
25/05/2024 20:40	0.7	248	6	1.3	0.0
25/05/2024 20:50	0.8	277	15	1.3	0.0
25/05/2024 21:00	0.8	254	27	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 21:10	1.2	283	17	1.6	0.0
25/05/2024 21:20	1.3	267	13	1.6	0.0
25/05/2024 21:30	0.8	299	19	1.2	0.0
25/05/2024 21:40	1.1	273	14	1.6	0.0
25/05/2024 21:50	1.4	264	12	2.0	0.0
25/05/2024 22:00	1.8	261	14	2.4	0.0
25/05/2024 22:10	1.9	267	16	2.6	0.0
25/05/2024 22:20	1.9	261	13	2.6	0.0
25/05/2024 22:30	1.6	266	15	2.4	0.0
25/05/2024 22:40	1.1	284	26	1.7	0.0
25/05/2024 22:50	1.3	269	18	1.8	0.0
25/05/2024 23:00	1.6	257	13	2.4	0.0
25/05/2024 23:10	0.5	170	17	1.4	0.0
25/05/2024 23:20					0.0
25/05/2024 23:30	0.7	256	11	1.2	0.0
25/05/2024 23:40	0.7	264	19	1.3	0.0
25/05/2024 23:50	0.9	247	25	1.6	0.0
26/05/2024 00:00	0.3	158	14	1.0	0.0
26/05/2024 00:10	0.6	263	15	1.2	0.0
26/05/2024 00:20	0.1	292	2	1.0	0.0
26/05/2024 00:30	0.6	251	15	1.6	0.0
26/05/2024 00:40	0.4	300	9	1.1	0.0
26/05/2024 00:50	0.2	340	10	0.7	0.0
26/05/2024 01:00	0.9	293	29	1.3	0.0
26/05/2024 01:10	0.9	150	33	1.8	0.0
26/05/2024 01:20	0.3	321	40	1.0	0.0
26/05/2024 01:30	0.5	341	16	1.2	0.0
26/05/2024 01:40	0.8	1	14	1.2	0.0
26/05/2024 01:50	0.4	25	16	1.1	0.0
26/05/2024 02:00					0.0
26/05/2024 02:10					0.0
26/05/2024 02:20					0.0
26/05/2024 02:30	0.1	27	11	0.8	0.0
26/05/2024 02:40	0.5	14	22	0.9	0.0
26/05/2024 02:50	0.8	182	19	1.1	0.0
26/05/2024 03:00	0.8	352	16	1.4	0.0
26/05/2024 03:10	1.0	346	13	1.5	0.0
26/05/2024 03:20	1.0	345	12	1.3	0.0
26/05/2024 03:30	0.9	175	18	1.2	0.0
26/05/2024 03:40	0.7	19	19	1.2	0.0
26/05/2024 03:50	0.5	17	22	1.1	0.0
26/05/2024 04:00	0.4	23	11	1.1	0.0
26/05/2024 04:10	0.6	12	16	0.9	0.0
26/05/2024 04:20	0.9	15	17	1.2	0.0
26/05/2024 04:30	0.6	28	21	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 04:40	0.1	33	9	0.5	0.0
26/05/2024 04:50	0.3	184	25	0.8	0.0
26/05/2024 05:00	0.2	182	24	0.7	0.0
26/05/2024 05:10	0.1	163	14	0.7	0.0
26/05/2024 05:20	0.5	21	30	0.8	0.0
26/05/2024 05:30	0.2	24	17	0.6	0.0
26/05/2024 05:40	0.2	161	15	0.8	0.0
26/05/2024 05:50	0.5	34	22	0.8	0.0
26/05/2024 06:00	0.4	32	22	1.0	0.0
26/05/2024 06:10	0.5	40	18	1.0	0.0
26/05/2024 06:20	0.4	40	21	0.8	0.0
26/05/2024 06:30	0.6	68	34	1.2	0.0
26/05/2024 06:40	0.3	63	22	0.7	0.0
26/05/2024 06:50	0.1	47	14	0.7	0.0
26/05/2024 07:00	0.1	165	8	0.6	0.0
26/05/2024 07:10	0.2	64	30	1.2	0.0
26/05/2024 07:20	0.3	74	23	1.1	0.0
26/05/2024 07:30	0.3	80	14	1.0	0.0
26/05/2024 07:40	0.1	84	7	0.5	0.0
26/05/2024 07:50	0.9	93	35	1.7	0.0
26/05/2024 08:00	1.0	95	34	1.8	0.0
26/05/2024 08:10	1.2	100	35	2.5	0.0
26/05/2024 08:20	1.6	102	35	2.8	0.0
26/05/2024 08:30	2.0	102	34	4.2	0.0
26/05/2024 08:40	1.8	104	33	3.4	0.0
26/05/2024 08:50	2.0	101	32	3.4	0.0
26/05/2024 09:00	2.1	100	29	3.1	0.0
26/05/2024 09:10	2.1	100	33	3.8	0.0
26/05/2024 09:20	2.4	88	26	3.6	0.0
26/05/2024 09:30	2.8	88	25	4.2	0.0
26/05/2024 09:40	2.6	83	22	4.5	0.0
26/05/2024 09:50	2.5	72	22	3.5	0.0
26/05/2024 10:00	2.3	75	29	4.6	0.0
26/05/2024 10:10	2.4	80	27	4.5	0.0
26/05/2024 10:20	2.6	85	25	3.7	0.0
26/05/2024 10:30	2.3	84	29	4.0	0.0
26/05/2024 10:40	2.4	63	34	4.1	0.0
26/05/2024 10:50	2.2	64	28	4.0	0.0
26/05/2024 11:00	2.4	61	23	4.0	0.0
26/05/2024 11:10	2.5	58	27	4.4	0.0
26/05/2024 11:20	2.5	60	25	4.9	0.0
26/05/2024 11:30	2.5	60	24	4.0	0.0
26/05/2024 11:40	2.6	66	23	3.8	0.0
26/05/2024 11:50	2.2	61	26	4.1	0.0
26/05/2024 12:00	2.4	62	29	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 12:10	2.3	59	23	4.0	0.0
26/05/2024 12:20	2.5	68	25	4.8	0.0
26/05/2024 12:30	2.6	58	21	4.4	0.0
26/05/2024 12:40	2.8	54	22	4.0	0.0
26/05/2024 12:50	2.6	50	25	4.2	0.0
26/05/2024 13:00	2.6	55	24	4.1	0.0
26/05/2024 13:10	2.8	58	24	4.6	0.0
26/05/2024 13:20	2.6	58	23	4.0	0.0
26/05/2024 13:30	2.8	53	22	4.6	0.0
26/05/2024 13:40	2.8	57	23	4.0	0.0
26/05/2024 13:50	2.7	63	26	4.2	0.0
26/05/2024 14:00	2.7	62	22	4.4	0.0
26/05/2024 14:10	2.8	66	23	4.2	0.0
26/05/2024 14:20	2.8	66	24	4.2	0.0
26/05/2024 14:30	3.3	49	20	5.6	0.0
26/05/2024 14:40	3.4	52	20	5.5	0.0
26/05/2024 14:50	3.7	53	20	5.8	0.0
26/05/2024 15:00	4.1	54	17	6.4	0.0
26/05/2024 15:10	3.6	51	16	6.0	0.0
26/05/2024 15:20	3.3	51	19	5.3	0.0
26/05/2024 15:30	3.2	53	19	5.3	0.0
26/05/2024 15:40	2.6	51	21	4.3	0.0
26/05/2024 15:50	2.3	56	23	3.9	0.0
26/05/2024 16:00	2.6	52	19	4.5	0.0
26/05/2024 16:10	2.6	53	22	4.1	0.0
26/05/2024 16:20	2.4	48	21	3.6	0.0
26/05/2024 16:30	2.0	52	20	3.1	0.0
26/05/2024 16:40	2.2	45	22	3.2	0.0
26/05/2024 16:50	2.2	49	17	3.6	0.0
26/05/2024 17:00	1.7	49	20	2.4	0.0
26/05/2024 17:10	2.2	39	21	3.2	0.0
26/05/2024 17:20	1.9	36	22	3.0	0.0
26/05/2024 17:30	1.9	28	23	3.2	0.0
26/05/2024 17:40	1.8	35	20	3.6	0.0
26/05/2024 17:50	1.8	33	20	2.6	0.0
26/05/2024 18:00	1.4	38	22	2.2	0.0
26/05/2024 18:10	0.7	29	32	1.5	0.0
26/05/2024 18:20	0.1	42	11	0.8	0.0
26/05/2024 18:30					0.0
26/05/2024 18:40	0.0	15	0	0.4	0.0
26/05/2024 18:50					0.0
26/05/2024 19:00	0.4	26	10	0.8	0.0
26/05/2024 19:10	0.3	25	6	0.6	0.0
26/05/2024 19:20	0.2	22	5	0.6	0.0
26/05/2024 19:30	0.7	30	12	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 19:40	0.5	42	17	1.1	0.0
26/05/2024 19:50					0.0
26/05/2024 20:00					0.0
26/05/2024 20:10	0.1	258	6	0.6	0.0
26/05/2024 20:20					0.0
26/05/2024 20:30	0.1	215	14	0.8	0.0
26/05/2024 20:40					0.0
26/05/2024 20:50	0.3	189	17	0.9	0.0
26/05/2024 21:00					0.0
26/05/2024 21:10					0.0
26/05/2024 21:20					0.0
26/05/2024 21:30					0.0
26/05/2024 21:40					0.0
26/05/2024 21:50					0.0
26/05/2024 22:00					0.0
26/05/2024 22:10	0.2	346	6	0.8	0.0
26/05/2024 22:20	0.5	250	7	1.0	0.0
26/05/2024 22:30	0.1	255	18	0.8	0.0
26/05/2024 22:40	0.4	344	7	1.2	0.0
26/05/2024 22:50	0.6	333	9	1.2	0.0
26/05/2024 23:00	0.8	27	29	1.6	0.0
26/05/2024 23:10	1.0	182	21	1.9	0.0
26/05/2024 23:20	0.7	21	21	1.3	0.0
26/05/2024 23:30	0.4	26	12	1.1	0.0
26/05/2024 23:40	0.8	31	14	1.4	0.0
26/05/2024 23:50	1.1	39	16	1.5	0.0
27/05/2024 00:00	1.2	30	20	1.8	0.0
27/05/2024 00:10	1.3	21	18	1.9	0.0
27/05/2024 00:20	0.7	33	17	1.4	0.0
27/05/2024 00:30	0.7	11	18	1.2	0.0
27/05/2024 00:40	0.9	8	18	1.3	0.0
27/05/2024 00:50	1.1	24	14	1.4	0.0
27/05/2024 01:00	1.1	32	17	1.4	0.0
27/05/2024 01:10	0.9	23	28	1.6	0.0
27/05/2024 01:20	0.9	26	18	1.4	0.0
27/05/2024 01:30	0.6	185	15	1.2	0.0
27/05/2024 01:40	0.8	125	25	1.4	0.0
27/05/2024 01:50	1.0	280	20	2.0	0.0
27/05/2024 02:00	0.4	284	16	1.2	0.0
27/05/2024 02:10	1.0	245	36	1.6	0.0
27/05/2024 02:20	0.6	337	14	1.1	0.0
27/05/2024 02:30	0.4	300	8	0.9	0.0
27/05/2024 02:40	0.3	198	13	0.9	0.0
27/05/2024 02:50	0.6	320	21	1.2	0.0
27/05/2024 03:00	0.5	139	22	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 03:10	0.5	220	42	1.2	0.0
27/05/2024 03:20					0.0
27/05/2024 03:30	0.3	26	17	0.8	0.0
27/05/2024 03:40	0.3	23	16	1.0	0.0
27/05/2024 03:50	0.8	9	19	1.2	0.0
27/05/2024 04:00	0.8	21	15	1.2	0.0
27/05/2024 04:10	0.6	21	16	0.9	0.0
27/05/2024 04:20	0.7	10	19	1.1	0.0
27/05/2024 04:30	0.9	15	18	1.2	0.0
27/05/2024 04:40	0.8	28	19	1.2	0.0
27/05/2024 04:50	0.8	19	16	1.2	0.0
27/05/2024 05:00	1.0	25	17	1.4	0.0
27/05/2024 05:10	1.0	30	18	1.4	0.0
27/05/2024 05:20	1.0	15	14	1.3	0.0
27/05/2024 05:30	1.0	10	17	1.3	0.0
27/05/2024 05:40	0.9	178	15	1.2	0.0
27/05/2024 05:50	1.0	352	17	1.4	0.0
27/05/2024 06:00	1.0	355	16	1.4	0.0
27/05/2024 06:10	0.9	352	14	1.2	0.0
27/05/2024 06:20	0.9	356	18	1.3	0.0
27/05/2024 06:30	1.1	343	13	1.5	0.0
27/05/2024 06:40	1.0	352	12	1.2	0.0
27/05/2024 06:50	1.1	350	14	1.3	0.0
27/05/2024 07:00	1.0	15	19	1.4	0.0
27/05/2024 07:10	0.9	15	18	1.2	0.0
27/05/2024 07:20	0.7	21	21	1.2	0.0
27/05/2024 07:30	0.9	18	17	1.3	0.0
27/05/2024 07:40	0.7	33	20	1.1	0.0
27/05/2024 07:50	0.6	55	18	1.2	0.0
27/05/2024 08:00	0.9	89	22	1.6	0.0
27/05/2024 08:10	1.2	106	23	2.0	0.0
27/05/2024 08:20	1.2	105	31	2.3	0.0
27/05/2024 08:30	1.6	103	29	2.5	0.0
27/05/2024 08:40	1.4	100	26	2.4	0.0
27/05/2024 08:50	1.5	113	28	2.4	0.0
27/05/2024 09:00	1.6	111	28	2.6	0.0
27/05/2024 09:10	1.6	110	30	3.0	0.0
27/05/2024 09:20	1.8	97	28	2.4	0.0
27/05/2024 09:30	1.6	109	32	2.6	0.0
27/05/2024 09:40	1.6	119	25	2.7	0.0
27/05/2024 09:50	1.5	118	28	2.7	0.0
27/05/2024 10:00	1.5	112	28	2.5	0.0
27/05/2024 10:10	1.5	112	30	2.5	0.0
27/05/2024 10:20	1.6	108	29	3.0	0.0
27/05/2024 10:30	1.9	100	32	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 10:40	2.2	84	28	3.9	0.0
27/05/2024 10:50	2.6	75	25	4.8	0.0
27/05/2024 11:00	2.4	67	27	4.3	0.0
27/05/2024 11:10	2.6	72	23	4.8	0.0
27/05/2024 11:20	2.7	65	23	4.3	0.0
27/05/2024 11:30	3.0	60	24	4.6	0.0
27/05/2024 11:40	2.8	60	26	4.6	0.0
27/05/2024 11:50	2.7	55	25	4.4	0.0
27/05/2024 12:00	2.4	57	27	4.4	0.0
27/05/2024 12:10	2.6	58	24	4.4	0.0
27/05/2024 12:20	2.5	59	25	3.9	0.0
27/05/2024 12:30	2.7	48	21	4.4	0.0
27/05/2024 12:40	2.5	56	24	4.4	0.0
27/05/2024 12:50	2.7	53	23	4.4	0.0
27/05/2024 13:00	2.9	51	24	4.6	0.0
27/05/2024 13:10	2.5	61	24	4.1	0.0
27/05/2024 13:20	2.5	59	23	4.0	0.0
27/05/2024 13:30	2.6	55	23	4.6	0.0
27/05/2024 13:40	2.5	54	26	4.3	0.0
27/05/2024 13:50	2.6	56	25	4.4	0.0
27/05/2024 14:00	2.5	57	26	4.5	0.0
27/05/2024 14:10	2.4	58	25	4.0	0.0
27/05/2024 14:20	2.3	50	22	3.5	0.0
27/05/2024 14:30	2.7	50	20	4.6	0.0
27/05/2024 14:40	2.7	57	22	4.7	0.0
27/05/2024 14:50	2.7	58	22	3.9	0.0
27/05/2024 15:00	2.7	53	23	4.8	0.0
27/05/2024 15:10	2.7	53	22	4.4	0.0
27/05/2024 15:20	2.8	47	21	4.1	0.0
27/05/2024 15:30	2.8	53	22	4.4	0.0
27/05/2024 15:40	3.0	50	22	5.1	0.0
27/05/2024 15:50	3.0	51	23	4.6	0.0
27/05/2024 16:00	2.3	62	21	4.0	0.0
27/05/2024 16:10	2.5	52	19	4.2	0.0
27/05/2024 16:20	2.2	46	21	3.7	0.0
27/05/2024 16:30	2.4	46	22	3.6	0.0
27/05/2024 16:40	2.8	43	22	4.4	0.0
27/05/2024 16:50	2.6	48	18	4.3	0.0
27/05/2024 17:00	2.2	48	16	3.7	0.0
27/05/2024 17:10	1.9	26	25	3.1	0.0
27/05/2024 17:20	2.5	15	24	4.0	0.0
27/05/2024 17:30	2.4	18	27	3.9	0.0
27/05/2024 17:40	2.2	15	26	3.5	0.0
27/05/2024 17:50	2.4	20	29	4.0	0.0
27/05/2024 18:00	2.1	26	29	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 18:10	2.3	21	22	3.6	0.0
27/05/2024 18:20	1.7	24	23	2.9	0.0
27/05/2024 18:30	1.3	6	40	2.6	0.0
27/05/2024 18:40	1.4	12	28	2.4	0.0
27/05/2024 18:50	1.5	12	35	2.9	0.0
27/05/2024 19:00	1.4	183	32	2.8	0.0
27/05/2024 19:10	1.6	28	29	2.7	0.0
27/05/2024 19:20	1.8	23	24	2.9	0.0
27/05/2024 19:30	1.9	26	26	3.1	0.0
27/05/2024 19:40	2.1	26	24	3.2	0.0
27/05/2024 19:50	1.6	26	29	2.8	0.0
27/05/2024 20:00	1.9	27	28	3.3	0.0
27/05/2024 20:10	1.6	36	26	3.1	0.0
27/05/2024 20:20	1.8	26	27	2.7	0.0
27/05/2024 20:30	1.6	32	26	2.5	0.0
27/05/2024 20:40	1.7	36	21	2.7	0.0
27/05/2024 20:50	1.7	34	22	2.8	0.0
27/05/2024 21:00	1.7	33	22	3.2	0.0
27/05/2024 21:10	1.6	31	24	2.8	0.0
27/05/2024 21:20	1.5	37	24	2.5	0.0
27/05/2024 21:30	1.6	35	21	2.4	0.0
27/05/2024 21:40	1.5	36	21	2.4	0.0
27/05/2024 21:50	1.4	36	20	2.2	0.0
27/05/2024 22:00	1.5	37	23	2.2	0.0
27/05/2024 22:10	1.4	35	18	2.0	0.0
27/05/2024 22:20	1.4	38	21	2.0	0.0
27/05/2024 22:30	1.1	44	19	1.8	0.0
27/05/2024 22:40	0.6	245	43	1.2	0.0
27/05/2024 22:50	0.5	240	13	1.1	0.0
27/05/2024 23:00					0.0
27/05/2024 23:10					0.0
27/05/2024 23:20					0.0
27/05/2024 23:30					0.0
27/05/2024 23:40					0.0
27/05/2024 23:50					0.0
28/05/2024 00:00	0.7	317	11	1.2	0.0
28/05/2024 00:10	0.1	258	4	0.6	0.0
28/05/2024 00:20	0.1	276	1	0.4	0.0
28/05/2024 00:30	1.0	329	8	1.5	0.0
28/05/2024 00:40	0.7	302	28	1.1	0.0
28/05/2024 00:50	0.1	214	7	0.8	0.0
28/05/2024 01:00	0.4	43	7	1.4	0.0
28/05/2024 01:10	0.9	328	17	1.4	0.0
28/05/2024 01:20	0.6	198	19	1.5	0.0
28/05/2024 01:30	0.5	216	8	1.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 01:40					0.0
28/05/2024 01:50					0.0
28/05/2024 02:00					0.0
28/05/2024 02:10					0.0
28/05/2024 02:20					0.0
28/05/2024 02:30	0.2	260	5	1.0	0.0
28/05/2024 02:40					0.0
28/05/2024 02:50	0.1	200	4	0.8	0.0
28/05/2024 03:00	0.3	111	23	1.1	0.0
28/05/2024 03:10	0.7	25	12	1.0	0.0
28/05/2024 03:20	0.6	25	12	1.1	0.0
28/05/2024 03:30	0.8	25	16	1.2	0.0
28/05/2024 03:40	0.9	40	19	1.4	0.0
28/05/2024 03:50	1.0	47	21	1.4	0.0
28/05/2024 04:00	0.6	43	23	1.2	0.0
28/05/2024 04:10	0.3	45	13	0.8	0.0
28/05/2024 04:20	0.4	30	11	0.8	0.0
28/05/2024 04:30	0.3	37	13	1.0	0.0
28/05/2024 04:40	0.3	36	6	0.9	0.0
28/05/2024 04:50	1.2	34	22	2.0	0.0
28/05/2024 05:00	1.1	33	19	1.7	0.0
28/05/2024 05:10	1.1	20	16	1.6	0.0
28/05/2024 05:20	0.7	165	16	1.2	0.0
28/05/2024 05:30	0.5	180	15	0.9	0.0
28/05/2024 05:40	0.2	342	9	0.9	0.0
28/05/2024 05:50					0.0
28/05/2024 06:00	0.5	1	15	1.2	0.0
28/05/2024 06:10					0.0
28/05/2024 06:20	0.6	9	12	1.1	0.0
28/05/2024 06:30	0.7	357	20	1.2	0.0
28/05/2024 06:40	0.8	355	15	1.4	0.0
28/05/2024 06:50	0.9	180	19	1.3	0.0
28/05/2024 07:00	0.9	356	21	1.3	0.0
28/05/2024 07:10	1.1	180	21	1.6	0.0
28/05/2024 07:20	1.0	13	21	1.6	0.0
28/05/2024 07:30	1.0	8	20	1.5	0.0
28/05/2024 07:40	0.6	25	22	1.2	0.0
28/05/2024 07:50	0.0	354	0	0.4	0.0
28/05/2024 08:00	0.1	193	6	0.5	0.0
28/05/2024 08:10	0.7	41	19	1.4	0.0
28/05/2024 08:20	0.7	43	21	1.6	0.0
28/05/2024 08:30	1.1	47	24	1.9	0.0
28/05/2024 08:40	1.3	59	21	2.3	0.0
28/05/2024 08:50	1.2	53	22	2.1	0.0
28/05/2024 09:00	1.2	52	29	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 09:10	1.5	60	20	2.4	0.0
28/05/2024 09:20	1.3	62	23	2.3	0.0
28/05/2024 09:30	1.4	70	21	2.1	0.0
28/05/2024 09:40	1.3	63	22	2.3	0.0
28/05/2024 09:50	1.6	57	23	2.6	0.0
28/05/2024 10:00	1.5	60	20	2.5	0.0
28/05/2024 10:10	1.4	67	26	2.4	0.0
28/05/2024 10:20	1.4	59	33	2.2	0.0
28/05/2024 10:30	1.0	93	49	1.9	0.0
28/05/2024 10:40	1.3	124	39	2.7	0.0
28/05/2024 10:50	0.9	127	49	1.6	0.0
28/05/2024 11:00	1.5	135	31	2.4	0.0
28/05/2024 11:10	0.9	131	33	1.7	0.0
28/05/2024 11:20	0.9	81	45	2.0	0.0
28/05/2024 11:30	1.3	110	29	2.5	0.0
28/05/2024 11:40	1.2	156	36	2.3	0.0
28/05/2024 11:50	0.6	85	57	1.8	0.0
28/05/2024 12:00	1.7	301	36	3.1	0.0
28/05/2024 12:10	1.5	305	30	2.6	0.0
28/05/2024 12:20	2.0	314	42	3.6	0.0
28/05/2024 12:30	2.3	264	30	3.6	0.0
28/05/2024 12:40	2.4	265	34	4.1	0.0
28/05/2024 12:50	2.2	295	39	3.4	0.0
28/05/2024 13:00	1.8	267	46	3.2	0.0
28/05/2024 13:10	1.5	206	49	2.9	0.0
28/05/2024 13:20	2.5	39	27	4.1	0.0
28/05/2024 13:30	2.2	33	29	3.8	0.0
28/05/2024 13:40	2.1	181	38	4.0	0.0
28/05/2024 13:50	1.5	187	37	3.2	0.0
28/05/2024 14:00	1.7	14	40	3.3	0.0
28/05/2024 14:10	1.9	194	38	3.3	0.0
28/05/2024 14:20	1.7	17	41	3.2	0.0
28/05/2024 14:30	1.9	180	37	3.4	0.0
28/05/2024 14:40	2.4	181	34	4.4	0.0
28/05/2024 14:50	2.4	8	38	4.1	0.0
28/05/2024 15:00	2.6	28	31	3.8	0.0
28/05/2024 15:10	2.5	11	34	4.2	0.0
28/05/2024 15:20	2.1	350	38	3.6	0.0
28/05/2024 15:30	1.9	21	34	3.6	0.0
28/05/2024 15:40	2.1	182	33	3.3	0.0
28/05/2024 15:50	1.7	175	42	3.2	0.0
28/05/2024 16:00	1.9	345	32	3.3	0.0
28/05/2024 16:10	2.0	174	29	3.5	0.0
28/05/2024 16:20	2.3	12	32	3.4	0.0
28/05/2024 16:30	1.7	178	30	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 16:40	1.8	19	31	3.2	0.0
28/05/2024 16:50	1.6	332	22	3.1	0.0
28/05/2024 17:00	1.5	19	33	2.5	0.0
28/05/2024 17:10	1.5	27	27	2.4	0.0
28/05/2024 17:20	1.6	26	30	2.7	0.0
28/05/2024 17:30	1.6	341	31	2.9	0.0
28/05/2024 17:40	1.2	187	37	2.8	0.0
28/05/2024 17:50	1.0	182	31	1.7	0.0
28/05/2024 18:00	1.5	17	32	2.4	0.0
28/05/2024 18:10	1.4	17	32	3.1	0.0
28/05/2024 18:20	1.2	25	31	2.3	0.0
28/05/2024 18:30	1.5	37	26	2.8	0.0
28/05/2024 18:40	1.5	35	24	3.2	0.0
28/05/2024 18:50	1.3	44	22	2.3	0.0
28/05/2024 19:00	1.3	35	27	2.0	0.0
28/05/2024 19:10	1.1	31	28	2.2	0.0
28/05/2024 19:20	1.2	33	30	2.2	0.0
28/05/2024 19:30	1.2	43	18	2.0	0.0
28/05/2024 19:40	1.3	40	24	2.3	0.0
28/05/2024 19:50	1.1	40	23	2.0	0.0
28/05/2024 20:00	0.9	29	32	2.1	0.0
28/05/2024 20:10	1.4	180	31	2.4	0.0
28/05/2024 20:20	1.1	23	34	2.4	0.0
28/05/2024 20:30	1.0	35	24	2.1	0.0
28/05/2024 20:40	0.8	51	20	2.0	0.0
28/05/2024 20:50	0.6	55	25	1.6	0.0
28/05/2024 21:00	0.0	212	0	0.4	0.0
28/05/2024 21:10	0.2	256	4	0.8	0.0
28/05/2024 21:20	0.1	172	5	0.6	0.0
28/05/2024 21:30	0.7	234	12	1.3	0.0
28/05/2024 21:40	1.0	206	12	1.4	0.0
28/05/2024 21:50	0.6	241	17	1.6	0.0
28/05/2024 22:00	0.8	226	22	1.5	0.0
28/05/2024 22:10	0.4	267	8	1.6	0.0
28/05/2024 22:20	1.7	233	16	2.8	0.0
28/05/2024 22:30	1.9	230	15	3.0	0.0
28/05/2024 22:40	2.0	233	19	3.5	0.0
28/05/2024 22:50	1.9	232	16	2.7	0.0
28/05/2024 23:00	1.7	245	20	2.5	0.0
28/05/2024 23:10	1.9	243	17	2.8	0.0
28/05/2024 23:20	2.2	244	15	3.4	0.0
28/05/2024 23:30	3.1	234	17	4.6	0.0
28/05/2024 23:40	3.6	235	18	5.0	0.0
28/05/2024 23:50	4.3	236	20	6.0	0.0
29/05/2024 00:00	5.0	241	18	7.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 00:10	4.5	236	16	6.6	0.0
29/05/2024 00:20	3.9	237	16	6.1	0.0
29/05/2024 00:30	4.2	240	20	6.3	0.0
29/05/2024 00:40	3.8	243	19	5.8	0.0
29/05/2024 00:50	3.3	245	20	5.2	0.0
29/05/2024 01:00	3.1	247	16	4.5	0.0
29/05/2024 01:10	2.5	250	19	4.1	0.0
29/05/2024 01:20	3.0	230	17	4.9	0.0
29/05/2024 01:30	3.9	233	20	6.0	0.0
29/05/2024 01:40	3.8	234	16	5.8	0.2
29/05/2024 01:50	3.3	241	18	5.0	0.1
29/05/2024 02:00	3.7	237	18	5.5	0.1
29/05/2024 02:10	2.7	247	16	4.4	0.0
29/05/2024 02:20	2.6	248	16	4.3	0.0
29/05/2024 02:30	2.9	242	21	4.4	0.1
29/05/2024 02:40	3.4	236	14	5.3	0.0
29/05/2024 02:50	4.1	240	21	6.4	0.1
29/05/2024 03:00	3.6	237	16	5.7	0.2
29/05/2024 03:10	2.0	248	18	3.0	0.1
29/05/2024 03:20	1.7	255	13	2.4	0.0
29/05/2024 03:30	1.0	258	13	2.0	0.0
29/05/2024 03:40	0.5	342	11	1.2	0.0
29/05/2024 03:50	0.4	283	26	1.1	0.0
29/05/2024 04:00	1.0	194	33	1.8	0.0
29/05/2024 04:10	1.3	34	23	2.3	0.0
29/05/2024 04:20	2.0	338	24	3.2	0.0
29/05/2024 04:30	1.6	174	22	2.4	0.0
29/05/2024 04:40	1.6	332	28	2.8	0.0
29/05/2024 04:50	1.1	272	35	2.0	0.0
29/05/2024 05:00	1.7	248	28	3.2	0.0
29/05/2024 05:10	0.7	274	28	1.8	0.0
29/05/2024 05:20	1.1	306	42	2.5	0.1
29/05/2024 05:30	1.0	319	29	2.1	0.0
29/05/2024 05:40	1.7	354	29	3.5	0.0
29/05/2024 05:50	1.7	357	31	2.9	0.0
29/05/2024 06:00	1.5	323	32	2.4	0.0
29/05/2024 06:10	1.5	257	32	2.6	0.0
29/05/2024 06:20	1.4	248	17	2.0	0.0
29/05/2024 06:30	1.5	258	17	2.0	0.0
29/05/2024 06:40	1.2	283	18	1.8	0.0
29/05/2024 06:50	1.3	258	19	2.0	0.0
29/05/2024 07:00	0.3	235	10	0.9	0.0
29/05/2024 07:10	0.4	250	8	0.9	0.0
29/05/2024 07:20	0.4	228	9	1.1	0.0
29/05/2024 07:30	0.4	197	14	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 07:40	0.6	196	8	1.7	0.0
29/05/2024 07:50	1.5	225	17	2.6	0.0
29/05/2024 08:00	2.0	221	18	3.3	0.0
29/05/2024 08:10	1.8	219	22	3.2	0.0
29/05/2024 08:20	1.2	223	18	2.0	0.0
29/05/2024 08:30	1.8	205	16	2.7	0.0
29/05/2024 08:40	1.8	200	21	2.8	0.0
29/05/2024 08:50	1.6	231	17	2.8	0.0
29/05/2024 09:00	1.7	228	19	2.6	0.0
29/05/2024 09:10	0.8	245	23	1.6	0.0
29/05/2024 09:20	1.1	195	22	2.0	0.0
29/05/2024 09:30	1.9	192	18	2.8	0.0
29/05/2024 09:40	2.2	184	19	3.1	0.0
29/05/2024 09:50	1.2	152	23	2.4	0.0
29/05/2024 10:00	0.4	143	15	1.4	0.0
29/05/2024 10:10	0.1	80	12	0.7	0.0
29/05/2024 10:20	0.9	165	18	2.6	0.0
29/05/2024 10:30	1.7	185	27	3.4	0.0
29/05/2024 10:40	1.9	182	22	3.3	0.0
29/05/2024 10:50	2.5	182	18	3.8	0.0
29/05/2024 11:00	2.7	186	16	4.0	0.1
29/05/2024 11:10	2.9	180	19	4.4	0.0
29/05/2024 11:20	3.2	191	14	4.7	0.0
29/05/2024 11:30	3.2	188	16	4.8	0.0
29/05/2024 11:40	3.1	185	13	4.4	0.0
29/05/2024 11:50	2.7	185	16	4.3	0.0
29/05/2024 12:00	3.2	206	17	4.3	0.0
29/05/2024 12:10	3.4	190	18	4.8	0.0
29/05/2024 12:20	3.4	185	18	5.1	0.0
29/05/2024 12:30	3.2	186	20	5.1	0.0
29/05/2024 12:40	3.3	190	19	4.8	0.0
29/05/2024 12:50	3.7	188	16	5.3	0.0
29/05/2024 13:00	3.6	184	15	5.5	0.0
29/05/2024 13:10	3.4	190	19	5.0	0.0
29/05/2024 13:20	2.8	185	17	4.5	0.0
29/05/2024 13:30	2.3	160	31	4.2	0.0
29/05/2024 13:40	2.0	167	28	4.1	0.0
29/05/2024 13:50	2.3	175	28	3.8	0.0
29/05/2024 14:00	1.8	160	28	3.0	0.0
29/05/2024 14:10	1.9	167	22	3.4	0.0
29/05/2024 14:20	0.7	126	27	2.4	0.0
29/05/2024 14:30	0.3	88	9	1.7	0.0
29/05/2024 14:40	0.9	100	21	2.2	0.0
29/05/2024 14:50	0.4	120	16	1.6	0.0
29/05/2024 15:00	0.5	84	14	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 15:10	0.5	92	21	1.6	0.0
29/05/2024 15:20	0.2	194	8	1.2	0.0
29/05/2024 15:30	0.5	124	36	1.9	0.0
29/05/2024 15:40	0.8	66	15	2.1	0.0
29/05/2024 15:50	0.3	49	16	1.1	0.0
29/05/2024 16:00					0.0
29/05/2024 16:10	0.5	81	20	1.2	0.0
29/05/2024 16:20					0.0
29/05/2024 16:30	1.0	329	15	2.0	0.0
29/05/2024 16:40	0.9	319	23	1.7	0.0
29/05/2024 16:50	1.3	39	23	2.3	0.0
29/05/2024 17:00	1.4	40	22	2.4	0.0
29/05/2024 17:10	1.6	21	27	2.6	0.0
29/05/2024 17:20	1.8	23	27	2.9	0.0
29/05/2024 17:30	1.5	29	19	2.7	0.0
29/05/2024 17:40	1.6	31	20	2.6	0.0
29/05/2024 17:50	1.6	36	24	2.6	0.0
29/05/2024 18:00	1.4	30	24	2.4	0.0
29/05/2024 18:10	1.1	33	23	1.8	0.0
29/05/2024 18:20	1.3	26	24	2.1	0.0
29/05/2024 18:30	1.7	31	28	3.0	0.0
29/05/2024 18:40	1.5	31	27	2.6	0.0
29/05/2024 18:50	1.1	22	17	3.2	0.0
29/05/2024 19:00	0.7	32	21	1.6	0.0
29/05/2024 19:10	0.7	21	13	1.6	0.0
29/05/2024 19:20	0.3	195	14	1.6	0.0
29/05/2024 19:30	1.0	43	24	1.7	0.0
29/05/2024 19:40	1.3	46	20	2.1	0.0
29/05/2024 19:50	1.6	37	21	2.4	0.0
29/05/2024 20:00	2.0	36	21	3.2	0.0
29/05/2024 20:10	1.3	42	21	2.2	0.0
29/05/2024 20:20	1.5	42	20	2.7	0.0
29/05/2024 20:30	1.2	38	24	2.5	0.0
29/05/2024 20:40	1.5	52	16	2.6	0.0
29/05/2024 20:50	1.4	43	22	2.7	0.0
29/05/2024 21:00	1.2	51	19	2.0	0.0
29/05/2024 21:10	0.4	38	16	1.6	0.0
29/05/2024 21:20	0.3	51	10	1.0	0.0
29/05/2024 21:30	0.7	20	23	1.6	0.0
29/05/2024 21:40	0.7	29	26	1.5	0.0
29/05/2024 21:50	0.4	40	14	1.4	0.0
29/05/2024 22:00	0.1	41	6	0.6	0.0
29/05/2024 22:10	0.1	34	5	0.8	0.0
29/05/2024 22:20					0.0
29/05/2024 22:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 22:40					0.0
29/05/2024 22:50					0.0
29/05/2024 23:00					0.0
29/05/2024 23:10					0.0
29/05/2024 23:20					0.0
29/05/2024 23:30					0.0
29/05/2024 23:40					0.0
29/05/2024 23:50					0.0
30/05/2024 00:00					0.0
30/05/2024 00:10					0.0
30/05/2024 00:20					0.0
30/05/2024 00:30					0.0
30/05/2024 00:40					0.0
30/05/2024 00:50					0.0
30/05/2024 01:00					0.0
30/05/2024 01:10					0.0
30/05/2024 01:20	0.2	91	15	1.1	0.0
30/05/2024 01:30	0.1	81	3	0.9	0.0
30/05/2024 01:40	0.4	94	16	1.9	0.0
30/05/2024 01:50	0.5	103	15	2.0	0.0
30/05/2024 02:00	0.9	100	35	1.7	0.0
30/05/2024 02:10	0.9	91	24	2.3	0.0
30/05/2024 02:20	1.2	99	30	2.0	0.0
30/05/2024 02:30	1.0	93	33	1.8	0.0
30/05/2024 02:40	0.9	100	25	1.9	0.0
30/05/2024 02:50	0.6	91	23	1.7	0.0
30/05/2024 03:00	0.3	87	24	1.2	0.0
30/05/2024 03:10	0.7	82	23	1.7	0.0
30/05/2024 03:20	0.7	90	23	1.5	0.0
30/05/2024 03:30	0.4	98	23	1.5	0.0
30/05/2024 03:40	0.5	102	26	1.6	0.0
30/05/2024 03:50	0.4	98	26	1.3	0.0
30/05/2024 04:00	0.4	108	26	1.1	0.0
30/05/2024 04:10	1.1	96	31	2.5	0.0
30/05/2024 04:20	1.2	86	33	2.2	0.0
30/05/2024 04:30	0.8	86	29	1.7	0.0
30/05/2024 04:40	0.7	87	32	1.6	0.0
30/05/2024 04:50	1.1	88	30	2.1	0.0
30/05/2024 05:00	0.7	81	25	1.7	0.0
30/05/2024 05:10	0.7	99	24	2.1	0.0
30/05/2024 05:20	0.6	92	31	1.2	0.0
30/05/2024 05:30	1.2	107	36	2.1	0.0
30/05/2024 05:40	0.9	100	32	1.9	0.0
30/05/2024 05:50	1.0	101	39	2.0	0.0
30/05/2024 06:00	0.8	122	30	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 06:10	0.5	112	32	1.2	0.0
30/05/2024 06:20	1.0	116	40	2.4	0.0
30/05/2024 06:30	0.5	131	37	1.6	0.0
30/05/2024 06:40	0.7	124	39	2.1	0.0
30/05/2024 06:50	1.0	128	40	2.3	0.0
30/05/2024 07:00	0.8	139	32	1.6	0.0
30/05/2024 07:10	0.8	131	33	1.9	0.0
30/05/2024 07:20	1.2	129	33	2.4	0.0
30/05/2024 07:30	1.6	114	35	2.8	0.0
30/05/2024 07:40	1.8	114	31	3.2	0.0
30/05/2024 07:50	1.7	116	29	3.0	0.0
30/05/2024 08:00	1.9	118	31	3.2	0.0
30/05/2024 08:10	1.7	109	30	2.8	0.0
30/05/2024 08:20	2.0	104	31	3.4	0.0
30/05/2024 08:30	2.2	116	30	4.0	0.0
30/05/2024 08:40	2.1	116	37	3.9	0.0
30/05/2024 08:50	2.2	113	32	3.7	0.0
30/05/2024 09:00	2.3	102	33	4.3	0.0
30/05/2024 09:10	3.0	100	30	4.8	0.0
30/05/2024 09:20	2.6	115	39	4.7	0.0
30/05/2024 09:30	2.8	110	35	4.4	0.0
30/05/2024 09:40	2.9	90	26	4.5	0.0
30/05/2024 09:50	3.0	97	36	5.0	0.0
30/05/2024 10:00	3.0	101	30	5.0	0.0
30/05/2024 10:10	2.9	103	30	5.4	0.0
30/05/2024 10:20	3.2	97	28	5.4	0.0
30/05/2024 10:30	3.1	104	29	5.5	0.0
30/05/2024 10:40	2.8	122	38	5.4	0.0
30/05/2024 10:50	2.8	103	29	4.4	0.0
30/05/2024 11:00	3.3	106	29	5.2	0.0
30/05/2024 11:10	2.8	104	32	4.6	0.0
30/05/2024 11:20	2.6	111	32	4.6	0.0
30/05/2024 11:30	2.8	99	32	5.0	0.0
30/05/2024 11:40	2.6	89	28	4.4	0.0
30/05/2024 11:50	3.0	87	23	4.9	0.0
30/05/2024 12:00	3.2	89	26	4.8	0.0
30/05/2024 12:10	2.7	75	27	4.8	0.0
30/05/2024 12:20	3.1	82	30	5.0	0.0
30/05/2024 12:30	3.2	87	29	5.2	0.0
30/05/2024 12:40	3.2	86	26	5.2	0.0
30/05/2024 12:50	3.0	86	28	4.8	0.0
30/05/2024 13:00	3.1	72	25	5.2	0.0
30/05/2024 13:10	3.1	62	24	4.5	0.0
30/05/2024 13:20	3.3	57	21	6.0	0.0
30/05/2024 13:30	3.1	61	21	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 13:40	3.0	56	23	4.9	0.0
30/05/2024 13:50	2.8	65	24	4.5	0.0
30/05/2024 14:00	3.2	55	22	4.7	0.0
30/05/2024 14:10	3.1	66	25	4.9	0.0
30/05/2024 14:20	2.7	62	20	4.5	0.0
30/05/2024 14:30	2.9	60	24	4.4	0.0
30/05/2024 14:40	2.9	57	23	4.7	0.0
30/05/2024 14:50	3.0	68	23	5.2	0.0
30/05/2024 15:00	2.8	58	23	4.9	0.0
30/05/2024 15:10	2.8	57	20	4.7	0.0
30/05/2024 15:20	2.9	53	21	5.2	0.0
30/05/2024 15:30	2.6	54	21	4.1	0.0
30/05/2024 15:40	2.9	56	20	4.6	0.0
30/05/2024 15:50	2.8	59	23	4.1	0.0
30/05/2024 16:00	3.1	53	20	5.5	0.0
30/05/2024 16:10	2.5	53	24	4.2	0.0
30/05/2024 16:20	2.4	45	21	3.7	0.0
30/05/2024 16:30	2.5	52	18	3.9	0.0
30/05/2024 16:40	2.3	44	20	3.3	0.0
30/05/2024 16:50	2.4	39	22	3.7	0.0
30/05/2024 17:00	2.2	37	20	3.4	0.0
30/05/2024 17:10	1.9	35	19	2.8	0.0
30/05/2024 17:20	1.9	37	20	2.8	0.0
30/05/2024 17:30	1.9	31	18	2.8	0.0
30/05/2024 17:40	1.8	39	17	2.6	0.0
30/05/2024 17:50	1.7	37	19	2.4	0.0
30/05/2024 18:00	1.5	38	21	2.3	0.0
30/05/2024 18:10	1.4	27	19	2.1	0.0
30/05/2024 18:20	1.3	25	18	2.0	0.0
30/05/2024 18:30	1.3	25	19	1.8	0.0
30/05/2024 18:40	1.3	22	15	1.8	0.0
30/05/2024 18:50	1.3	24	19	1.8	0.0
30/05/2024 19:00	1.2	21	18	1.9	0.0
30/05/2024 19:10	1.3	14	21	2.0	0.0
30/05/2024 19:20	1.2	23	19	1.7	0.0
30/05/2024 19:30	1.4	19	17	2.1	0.0
30/05/2024 19:40	1.2	16	19	1.6	0.0
30/05/2024 19:50	1.5	19	16	2.1	0.0
30/05/2024 20:00	1.4	14	17	1.9	0.0
30/05/2024 20:10	1.0	18	19	1.5	0.0
30/05/2024 20:20	0.7	12	18	1.3	0.0
30/05/2024 20:30	0.7	15	19	1.1	0.0
30/05/2024 20:40	1.1	13	18	1.5	0.0
30/05/2024 20:50	1.3	20	17	2.0	0.0
30/05/2024 21:00	1.6	22	19	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 21:10	1.7	19	16	2.5	0.0
30/05/2024 21:20	1.5	22	18	2.0	0.0
30/05/2024 21:30	1.5	19	17	2.2	0.0
30/05/2024 21:40	1.4	14	17	2.1	0.0
30/05/2024 21:50	1.5	21	18	2.2	0.0
30/05/2024 22:00	1.2	24	16	1.8	0.0
30/05/2024 22:10	1.6	18	16	2.1	0.0
30/05/2024 22:20	1.4	14	17	2.1	0.0
30/05/2024 22:30	1.2	18	18	1.7	0.0
30/05/2024 22:40	1.0	13	17	1.4	0.0
30/05/2024 22:50	0.7	13	17	1.2	0.0
30/05/2024 23:00	1.5	232	11	2.1	0.0
30/05/2024 23:10	1.9	247	8	2.2	0.0
30/05/2024 23:20	1.0	264	10	1.8	0.0
30/05/2024 23:30	0.4	170	9	1.0	0.0
30/05/2024 23:40	0.4	287	7	1.2	0.0
30/05/2024 23:50	0.9	253	11	1.5	0.0
31/05/2024 00:00	0.6	343	6	1.2	0.0
31/05/2024 00:10	0.3	339	5	1.1	0.0
31/05/2024 00:20					0.0
31/05/2024 00:30					0.0
31/05/2024 00:40					0.0
31/05/2024 00:50					0.0
31/05/2024 01:00					0.0
31/05/2024 01:10					0.0
31/05/2024 01:20					0.0
31/05/2024 01:30					0.0
31/05/2024 01:40					0.0
31/05/2024 01:50	1.1	251	6	1.4	0.0
31/05/2024 02:00	1.1	252	8	1.5	0.0
31/05/2024 02:10	0.8	258	9	1.3	0.0
31/05/2024 02:20	0.3	337	5	0.9	0.0
31/05/2024 02:30					0.0
31/05/2024 02:40	1.0	340	7	1.3	0.0
31/05/2024 02:50	0.3	333	7	1.1	0.0
31/05/2024 03:00					0.0
31/05/2024 03:10					0.0
31/05/2024 03:20					0.0
31/05/2024 03:30	0.3	41	14	1.0	0.0
31/05/2024 03:40	0.1	34	11	0.9	0.0
31/05/2024 03:50					0.0
31/05/2024 04:00	0.1	130	22	0.8	0.0
31/05/2024 04:10					0.0
31/05/2024 04:20	0.3	129	20	1.4	0.0
31/05/2024 04:30	0.1	123	17	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 04:40	0.7	129	28	1.6	0.0
31/05/2024 04:50	1.2	123	33	2.5	0.0
31/05/2024 05:00	0.9	131	41	2.4	0.0
31/05/2024 05:10	1.1	126	37	2.1	0.0
31/05/2024 05:20	1.3	126	31	2.3	0.0
31/05/2024 05:30	1.5	124	32	2.5	0.0
31/05/2024 05:40	1.5	109	31	2.9	0.0
31/05/2024 05:50	1.3	102	32	2.8	0.0
31/05/2024 06:00	1.5	103	40	2.8	0.0
31/05/2024 06:10	1.9	105	33	3.1	0.0
31/05/2024 06:20	2.1	106	31	3.7	0.0
31/05/2024 06:30	1.9	102	34	3.4	0.0
31/05/2024 06:40	2.0	103	32	3.5	0.0
31/05/2024 06:50	2.3	107	31	3.7	0.0
31/05/2024 07:00	2.1	95	33	3.6	0.0
31/05/2024 07:10	2.2	94	31	4.0	0.0
31/05/2024 07:20	2.7	97	30	5.2	0.0
31/05/2024 07:30	2.3	97	33	4.4	0.0
31/05/2024 07:40	2.3	101	38	4.1	0.0
31/05/2024 07:50	2.4	101	29	4.3	0.0
31/05/2024 08:00	2.7	100	33	4.3	0.0
31/05/2024 08:10	2.8	101	31	4.4	0.0
31/05/2024 08:20	2.8	99	35	4.9	0.0
31/05/2024 08:30	3.2	104	33	5.2	0.0
31/05/2024 08:40	3.4	91	24	6.4	0.0
31/05/2024 08:50	3.5	94	28	6.1	0.0
31/05/2024 09:00	3.4	88	24	5.7	0.0
31/05/2024 09:10	3.7	94	30	5.8	0.0
31/05/2024 09:20	3.5	90	25	5.6	0.0
31/05/2024 09:30	3.0	94	31	5.2	0.0
31/05/2024 09:40	3.3	86	26	5.6	0.0
31/05/2024 09:50	3.8	88	24	6.5	0.0
31/05/2024 10:00	4.2	89	23	6.8	0.0
31/05/2024 10:10	4.1	89	22	7.3	0.0
31/05/2024 10:20	3.9	83	30	6.6	0.0
31/05/2024 10:30	4.1	82	23	6.4	0.0
31/05/2024 10:40	4.1	81	22	6.8	0.0
31/05/2024 10:50	4.2	91	24	6.6	0.0
31/05/2024 11:00	3.9	84	24	6.5	0.0
31/05/2024 11:10	4.2	82	21	6.5	0.0
31/05/2024 11:20	4.0	87	24	6.7	0.0
31/05/2024 11:30	4.4	81	23	6.4	0.0
31/05/2024 11:40	4.0	80	25	6.9	0.0
31/05/2024 11:50	4.0	82	24	6.1	0.0
31/05/2024 12:00	3.8	78	24	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 12:10	4.6	83	21	7.3	0.0
31/05/2024 12:20	4.2	83	21	6.3	0.0
31/05/2024 12:30	4.1	78	23	6.0	0.0
31/05/2024 12:40	3.3	85	31	5.9	0.0
31/05/2024 12:50	3.4	79	24	5.9	0.0
31/05/2024 13:00	3.3	77	27	5.5	0.0
31/05/2024 13:10	3.3	68	24	5.7	0.0
31/05/2024 13:20	3.6	63	23	5.9	0.0
31/05/2024 13:30	3.6	67	23	5.6	0.0
31/05/2024 13:40	3.3	70	23	5.0	0.0
31/05/2024 13:50	3.5	69	24	5.2	0.0
31/05/2024 14:00	3.3	66	23	5.4	0.0
31/05/2024 14:10	3.4	66	21	5.0	0.0
31/05/2024 14:20	3.3	69	23	5.5	0.0
31/05/2024 14:30	3.4	56	19	5.3	0.0
31/05/2024 14:40	3.3	56	23	6.0	0.0
31/05/2024 14:50	3.3	56	23	5.6	0.0
31/05/2024 15:00	3.5	60	20	5.2	0.0
31/05/2024 15:10	3.4	56	21	5.6	0.0
31/05/2024 15:20	3.0	61	21	5.2	0.0
31/05/2024 15:30	3.0	51	24	4.8	0.0
31/05/2024 15:40	3.4	56	20	5.1	0.0
31/05/2024 15:50	3.0	57	25	5.0	0.0
31/05/2024 16:00	2.9	59	19	4.9	0.0
31/05/2024 16:10	2.9	48	20	4.8	0.0
31/05/2024 16:20	3.1	50	20	4.6	0.0
31/05/2024 16:30	2.7	49	20	4.4	0.0
31/05/2024 16:40	3.0	45	21	4.8	0.0
31/05/2024 16:50	2.8	45	22	4.4	0.0
31/05/2024 17:00	2.7	45	18	4.5	0.0
31/05/2024 17:10	2.7	40	18	3.9	0.0
31/05/2024 17:20	2.9	42	21	4.2	0.0
31/05/2024 17:30	2.6	41	19	3.7	0.0
31/05/2024 17:40	2.6	43	19	4.8	0.0
31/05/2024 17:50	2.1	40	18	3.3	0.0
31/05/2024 18:00	2.4	40	18	3.6	0.0
31/05/2024 18:10	2.0	39	23	3.1	0.0
31/05/2024 18:20	2.0	35	21	3.1	0.0
31/05/2024 18:30	1.8	39	22	3.0	0.0
31/05/2024 18:40	1.8	38	19	2.9	0.0
31/05/2024 18:50	1.7	33	16	2.5	0.0
31/05/2024 19:00	1.6	35	18	2.3	0.0
31/05/2024 19:10	1.5	37	19	2.2	0.0
31/05/2024 19:20	1.5	31	18	2.4	0.0
31/05/2024 19:30	1.6	30	18	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 19:40	1.6	29	20	2.4	0.0
31/05/2024 19:50	1.6	31	20	2.4	0.0
31/05/2024 20:00	1.4	33	20	2.3	0.0
31/05/2024 20:10	1.1	33	18	1.8	0.0
31/05/2024 20:20	1.0	28	18	1.6	0.0
31/05/2024 20:30	1.0	27	16	1.4	0.0
31/05/2024 20:40	0.8	32	17	1.2	0.0
31/05/2024 20:50	0.7	19	12	1.2	0.0
31/05/2024 21:00	0.7	17	14	1.1	0.0
31/05/2024 21:10	0.5	21	16	0.9	0.0
31/05/2024 21:20	0.4	22	12	0.9	0.0
31/05/2024 21:30	0.3	29	11	0.9	0.0
31/05/2024 21:40	0.4	35	15	1.1	0.0
31/05/2024 21:50	0.3	33	10	0.9	0.0
31/05/2024 22:00	0.0	70	8	0.4	0.0
31/05/2024 22:10	0.2	13	9	0.8	0.0
31/05/2024 22:20	0.1	25	9	0.6	0.0
31/05/2024 22:30	0.1	63	10	0.6	0.0
31/05/2024 22:40	0.1	30	7	0.7	0.0
31/05/2024 22:50	0.1	38	10	0.6	0.0
31/05/2024 23:00	0.2	66	22	1.2	0.0
31/05/2024 23:10	0.8	80	25	1.6	0.0
31/05/2024 23:20	0.5	85	20	1.6	0.0
31/05/2024 23:30	0.7	97	22	1.6	0.0
31/05/2024 23:40	0.7	92	27	1.5	0.0
31/05/2024 23:50	0.8	100	27	1.9	0.0
01/06/2024 00:00	0.6	93	23	1.3	0.0
01/06/2024 00:10	1.0	92	28	2.0	0.0
01/06/2024 00:20	1.1	92	34	2.1	0.0
01/06/2024 00:30	0.9	94	33	1.7	0.0
01/06/2024 00:40	1.1	95	34	2.6	0.0
01/06/2024 00:50	1.1	101	30	2.4	0.0
01/06/2024 01:00	1.6	97	27	2.9	0.0
01/06/2024 01:10	1.4	94	29	2.3	0.0
01/06/2024 01:20	1.4	100	33	2.5	0.0
01/06/2024 01:30	1.5	98	26	3.1	0.0
01/06/2024 01:40	1.3	93	27	2.5	0.0
01/06/2024 01:50	1.4	98	29	2.8	0.0
01/06/2024 02:00	1.5	97	31	2.8	0.0
01/06/2024 02:10	1.4	95	27	2.4	0.0
01/06/2024 02:20	1.4	98	29	2.4	0.0
01/06/2024 02:30	1.5	93	27	2.8	0.0
01/06/2024 02:40	1.6	98	31	3.2	0.0
01/06/2024 02:50	1.7	96	34	3.1	0.0
01/06/2024 03:00	1.5	93	27	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 03:10	1.8	92	31	3.2	0.0
01/06/2024 03:20	2.0	96	29	4.0	0.0
01/06/2024 03:30	2.1	92	30	3.5	0.0
01/06/2024 03:40	3.0	84	26	5.7	0.0
01/06/2024 03:50	2.5	92	24	4.4	0.0
01/06/2024 04:00	2.4	89	33	4.4	0.0
01/06/2024 04:10	2.5	90	29	5.1	0.0
01/06/2024 04:20	2.6	95	25	4.7	0.0
01/06/2024 04:30	2.3	93	28	4.4	0.0
01/06/2024 04:40	2.3	100	28	3.8	0.0
01/06/2024 04:50	2.2	98	36	3.6	0.0
01/06/2024 05:00	2.1	104	30	3.4	0.0
01/06/2024 05:10	2.3	101	31	4.0	0.0
01/06/2024 05:20	2.1	106	32	4.0	0.0
01/06/2024 05:30	2.4	97	31	4.8	0.0
01/06/2024 05:40	2.5	98	32	4.8	0.0
01/06/2024 05:50	2.5	98	27	4.4	0.0
01/06/2024 06:00	2.6	97	26	4.4	0.0
01/06/2024 06:10	2.7	94	30	5.0	0.0
01/06/2024 06:20	2.5	90	31	4.5	0.0
01/06/2024 06:30	2.3	99	27	4.2	0.0
01/06/2024 06:40	2.5	100	36	4.1	0.0
01/06/2024 06:50	2.6	103	34	4.7	0.0
01/06/2024 07:00	2.9	101	30	4.9	0.0
01/06/2024 07:10	2.7	98	31	4.8	0.0
01/06/2024 07:20	2.9	97	31	4.7	0.0
01/06/2024 07:30	2.6	102	29	4.0	0.0
01/06/2024 07:40	2.9	91	28	4.8	0.0
01/06/2024 07:50	3.1	90	28	5.2	0.0
01/06/2024 08:00	3.1	90	26	4.8	0.0
01/06/2024 08:10	3.6	83	22	6.0	0.0
01/06/2024 08:20	3.8	90	25	5.9	0.0
01/06/2024 08:30	4.2	88	22	6.3	0.0
01/06/2024 08:40	3.5	83	23	6.2	0.0
01/06/2024 08:50	3.4	90	23	6.2	0.0
01/06/2024 09:00	3.9	87	26	6.4	0.0
01/06/2024 09:10	3.6	86	23	5.7	0.0
01/06/2024 09:20	3.8	89	24	5.7	0.0
01/06/2024 09:30	3.7	89	24	6.4	0.0
01/06/2024 09:40	4.0	90	21	6.7	0.0
01/06/2024 09:50	3.8	87	24	5.8	0.0
01/06/2024 10:00	3.9	92	31	6.6	0.0
01/06/2024 10:10	3.9	90	25	6.2	0.0
01/06/2024 10:20	3.9	95	30	6.2	0.0
01/06/2024 10:30	4.1	82	26	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 10:40	4.2	82	21	6.9	0.0
01/06/2024 10:50	4.1	75	22	7.4	0.0
01/06/2024 11:00	3.8	82	31	5.9	0.0
01/06/2024 11:10	4.4	81	21	6.9	0.0
01/06/2024 11:20	3.9	80	25	6.8	0.0
01/06/2024 11:30	4.3	78	21	6.7	0.0
01/06/2024 11:40	3.7	82	26	5.9	0.0
01/06/2024 11:50	4.1	78	24	7.1	0.0
01/06/2024 12:00	4.3	80	21	6.7	0.0
01/06/2024 12:10	3.9	81	23	6.1	0.0
01/06/2024 12:20	4.0	85	23	6.2	0.0
01/06/2024 12:30	3.9	85	21	6.4	0.0
01/06/2024 12:40	4.1	74	20	6.4	0.0
01/06/2024 12:50	4.2	80	24	6.4	0.0
01/06/2024 13:00	3.9	83	23	6.7	0.0
01/06/2024 13:10	4.2	81	23	6.9	0.0
01/06/2024 13:20	3.9	81	29	6.1	0.0
01/06/2024 13:30	3.7	86	22	5.6	0.0
01/06/2024 13:40	3.4	90	26	5.4	0.0
01/06/2024 13:50	3.5	83	25	5.6	0.0
01/06/2024 14:00	3.5	74	25	5.6	0.0
01/06/2024 14:10	3.2	80	23	5.1	0.0
01/06/2024 14:20	2.8	76	26	4.9	0.0
01/06/2024 14:30	3.5	64	22	5.4	0.0
01/06/2024 14:40	3.4	67	24	5.6	0.0
01/06/2024 14:50	3.1	65	26	4.7	0.0
01/06/2024 15:00	3.4	68	22	5.7	0.0
01/06/2024 15:10	3.3	66	21	5.2	0.0
01/06/2024 15:20	3.6	68	21	5.5	0.0
01/06/2024 15:30	3.3	72	22	4.9	0.0
01/06/2024 15:40	3.3	66	26	4.7	0.0
01/06/2024 15:50	3.1	57	23	5.1	0.0
01/06/2024 16:00	3.4	63	22	5.5	0.0
01/06/2024 16:10	2.9	62	21	4.5	0.0
01/06/2024 16:20	2.9	57	23	5.4	0.0
01/06/2024 16:30	3.2	53	18	5.0	0.0
01/06/2024 16:40	2.9	51	20	4.8	0.0
01/06/2024 16:50	2.7	53	23	4.5	0.0
01/06/2024 17:00	2.7	52	24	4.8	0.0
01/06/2024 17:10	2.7	59	22	4.0	0.0
01/06/2024 17:20	2.5	55	22	4.2	0.0
01/06/2024 17:30	2.8	54	18	4.5	0.0
01/06/2024 17:40	2.5	54	20	4.4	0.0
01/06/2024 17:50	2.5	52	18	4.4	0.0
01/06/2024 18:00	2.1	47	18	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/06/2024 18:10	2.5	46	20	3.8	0.0
01/06/2024 18:20	2.3	49	17	3.6	0.0
01/06/2024 18:30	2.2	49	19	4.0	0.0
01/06/2024 18:40	2.3	44	17	3.6	0.0
01/06/2024 18:50	2.1	47	20	3.4	0.0
01/06/2024 19:00	1.9	46	19	3.2	0.0
01/06/2024 19:10	1.6	39	20	2.5	0.0
01/06/2024 19:20	1.8	45	24	2.8	0.0
01/06/2024 19:30	1.7	50	19	3.2	0.0
01/06/2024 19:40	1.7	48	17	3.1	0.0
01/06/2024 19:50	1.3	49	18	2.1	0.0
01/06/2024 20:00	1.5	43	22	2.7	0.0
01/06/2024 20:10	1.4	44	19	2.2	0.0
01/06/2024 20:20	1.4	44	17	2.7	0.0
01/06/2024 20:30	1.3	49	21	2.1	0.0
01/06/2024 20:40	0.4	49	21	1.4	0.0
01/06/2024 20:50	0.8	34	18	1.8	0.0
01/06/2024 21:00	1.2	38	20	1.9	0.0
01/06/2024 21:10	1.4	46	23	2.6	0.0
01/06/2024 21:20	1.9	52	16	3.0	0.0
01/06/2024 21:30	1.7	40	22	2.8	0.0
01/06/2024 21:40	1.4	42	20	2.5	0.0
01/06/2024 21:50	0.4	43	15	1.0	0.0
01/06/2024 22:00	0.1	37	7	0.8	0.0
01/06/2024 22:10	0.3	53	11	1.5	0.0
01/06/2024 22:20	0.0	16	1	0.8	0.0
01/06/2024 22:30	0.4	43	13	1.2	0.0
01/06/2024 22:40	0.8	45	15	1.5	0.0
01/06/2024 22:50	1.1	50	14	1.7	0.0
01/06/2024 23:00	0.0	42	1	0.4	0.0
01/06/2024 23:10	0.7	37	16	1.5	0.0
01/06/2024 23:20	0.7	45	19	1.5	0.0
01/06/2024 23:30	0.3	47	12	0.9	0.0
01/06/2024 23:40	0.5	51	12	1.3	0.0
01/06/2024 23:50	1.0	44	18	1.8	0.0
02/06/2024 00:00	0.8	40	19	1.6	0.0
02/06/2024 00:10	0.5	50	16	1.2	0.0
02/06/2024 00:20	0.4	48	15	0.8	0.0
02/06/2024 00:30	0.6	53	15	1.7	0.0
02/06/2024 00:40	0.3	52	14	0.9	0.0
02/06/2024 00:50					0.0
02/06/2024 01:00					0.0
02/06/2024 01:10					0.0
02/06/2024 01:20					0.0
02/06/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 01:40					0.0
02/06/2024 01:50					0.0
02/06/2024 02:00					0.0
02/06/2024 02:10					0.0
02/06/2024 02:20	0.4	42	12	1.1	0.0
02/06/2024 02:30	0.3	49	10	1.1	0.0
02/06/2024 02:40					0.0
02/06/2024 02:50					0.0
02/06/2024 03:00					0.0
02/06/2024 03:10					0.0
02/06/2024 03:20					0.0
02/06/2024 03:30	0.1	25	7	1.0	0.0
02/06/2024 03:40	0.0	24	0	0.4	0.0
02/06/2024 03:50					0.0
02/06/2024 04:00					0.0
02/06/2024 04:10					0.0
02/06/2024 04:20	0.5	37	12	1.2	0.0
02/06/2024 04:30	0.2	54	7	0.9	0.0
02/06/2024 04:40					0.0
02/06/2024 04:50	0.1	125	3	1.1	0.0
02/06/2024 05:00	0.1	123	9	0.8	0.0
02/06/2024 05:10	0.5	94	20	1.3	0.0
02/06/2024 05:20	0.9	101	28	1.9	0.0
02/06/2024 05:30	0.9	80	20	1.8	0.0
02/06/2024 05:40	1.0	79	24	1.8	0.0
02/06/2024 05:50	0.4	80	14	1.3	0.0
02/06/2024 06:00	0.5	82	20	1.8	0.0
02/06/2024 06:10	0.9	86	24	1.8	0.0
02/06/2024 06:20	0.7	79	25	1.9	0.0
02/06/2024 06:30	0.6	64	19	1.5	0.0
02/06/2024 06:40	0.6	81	16	1.8	0.0
02/06/2024 06:50	1.2	73	23	2.2	0.0
02/06/2024 07:00	0.8	88	26	1.8	0.0
02/06/2024 07:10	0.5	80	15	1.9	0.0
02/06/2024 07:20	0.4	62	17	1.5	0.0
02/06/2024 07:30	0.7	80	19	1.3	0.2
02/06/2024 07:40	0.8	92	23	2.0	0.1
02/06/2024 07:50	0.7	91	20	1.6	0.0
02/06/2024 08:00	0.8	91	23	1.9	0.2
02/06/2024 08:10	0.4	85	14	1.2	2.0
02/06/2024 08:20	0.6	60	29	2.0	0.8
02/06/2024 08:30	1.5	48	24	2.5	0.0
02/06/2024 08:40	1.5	56	19	2.5	0.1
02/06/2024 08:50	0.6	70	19	1.7	0.0
02/06/2024 09:00	1.6	192	30	3.2	0.8



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 09:10	2.9	215	16	4.4	3.7
02/06/2024 09:20	2.9	222	16	4.8	0.9
02/06/2024 09:30	3.1	228	18	5.1	0.4
02/06/2024 09:40	3.0	242	16	4.4	0.1
02/06/2024 09:50	2.9	225	14	4.5	0.1
02/06/2024 10:00	2.9	221	16	4.0	0.2
02/06/2024 10:10	2.5	221	16	3.9	0.1
02/06/2024 10:20	1.6	218	19	2.7	0.1
02/06/2024 10:30	1.7	196	19	2.4	0.0
02/06/2024 10:40	2.0	191	15	2.7	0.0
02/06/2024 10:50	2.0	170	26	3.1	0.0
02/06/2024 11:00	1.5	140	30	2.5	0.0
02/06/2024 11:10	2.0	144	27	3.4	0.0
02/06/2024 11:20	1.9	137	28	3.3	0.0
02/06/2024 11:30	1.9	123	28	3.4	0.0
02/06/2024 11:40	1.9	120	35	3.2	0.0
02/06/2024 11:50	1.7	131	29	3.5	0.0
02/06/2024 12:00	0.9	125	29	2.0	0.0
02/06/2024 12:10	1.3	132	31	2.6	0.0
02/06/2024 12:20	1.0	118	30	2.3	0.0
02/06/2024 12:30	1.3	126	31	2.4	0.0
02/06/2024 12:40	1.3	103	26	2.1	0.0
02/06/2024 12:50	1.1	102	27	2.0	0.0
02/06/2024 13:00	0.9	124	28	2.0	0.0
02/06/2024 13:10	0.7	203	26	1.6	0.0
02/06/2024 13:20	0.9	215	25	2.8	0.0
02/06/2024 13:30	1.8	198	31	4.0	0.0
02/06/2024 13:40	2.3	216	21	4.9	0.0
02/06/2024 13:50	2.0	231	32	3.5	0.0
02/06/2024 14:00	2.0	269	28	3.0	0.0
02/06/2024 14:10	2.5	264	27	3.8	0.0
02/06/2024 14:20	3.0	261	20	4.5	0.0
02/06/2024 14:30	3.4	257	22	5.4	0.0
02/06/2024 14:40	3.4	256	18	4.8	0.1
02/06/2024 14:50	3.4	246	20	5.1	0.0
02/06/2024 15:00	3.7	245	20	5.6	0.0
02/06/2024 15:10	3.5	244	20	5.2	0.0
02/06/2024 15:20	4.0	246	18	6.1	0.0
02/06/2024 15:30	4.0	246	20	6.1	0.0
02/06/2024 15:40	4.2	254	18	7.1	0.0
02/06/2024 15:50	4.8	251	15	7.3	0.0
02/06/2024 16:00	4.7	249	19	6.8	0.0
02/06/2024 16:10	4.9	253	17	6.8	0.0
02/06/2024 16:20	4.2	250	19	6.1	0.0
02/06/2024 16:30	3.6	251	19	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/06/2024 16:40	3.8	246	14	5.4	0.0
02/06/2024 16:50	3.7	251	17	5.2	0.0
02/06/2024 17:00	4.1	252	18	6.0	0.0
02/06/2024 17:10	4.0	253	16	6.3	0.0
02/06/2024 17:20	4.2	250	16	5.8	0.0
02/06/2024 17:30	3.8	250	15	6.0	0.0
02/06/2024 17:40	3.6	240	18	5.2	0.0
02/06/2024 17:50	3.1	253	16	4.8	0.0
02/06/2024 18:00	3.3	254	16	5.1	0.0
02/06/2024 18:10	3.3	253	17	4.8	0.0
02/06/2024 18:20	2.7	243	18	4.1	0.0
02/06/2024 18:30	2.5	242	19	3.7	0.0
02/06/2024 18:40	2.3	250	18	3.6	0.0
02/06/2024 18:50	2.7	246	18	4.4	0.0
02/06/2024 19:00	3.2	248	16	5.2	0.0
02/06/2024 19:10	3.3	246	18	5.1	0.0
02/06/2024 19:20	3.4	244	19	5.5	0.0
02/06/2024 19:30	2.9	250	18	4.8	0.0
02/06/2024 19:40	3.4	246	19	5.2	0.0
02/06/2024 19:50	2.7	242	20	4.6	0.0
02/06/2024 20:00	3.2	240	17	4.5	0.0
02/06/2024 20:10	3.3	237	16	5.2	0.0
02/06/2024 20:20	3.2	237	15	4.9	0.0
02/06/2024 20:30	3.4	237	18	5.2	0.0
02/06/2024 20:40	2.8	236	19	4.4	0.0
02/06/2024 20:50	2.9	234	19	4.1	0.0
02/06/2024 21:00	3.1	238	15	4.8	0.0
02/06/2024 21:10	3.3	239	14	4.5	0.0
02/06/2024 21:20	3.0	246	17	4.8	0.0
02/06/2024 21:30	2.5	229	21	4.0	0.0
02/06/2024 21:40	3.0	222	19	4.5	0.0
02/06/2024 21:50	3.1	218	17	4.5	0.0
02/06/2024 22:00	3.5	211	14	5.3	0.0
02/06/2024 22:10	3.4	212	16	4.7	0.0
02/06/2024 22:20	3.5	209	16	5.6	0.0
02/06/2024 22:30	4.0	204	19	5.8	0.0
02/06/2024 22:40	4.2	203	14	6.6	0.0
02/06/2024 22:50	4.1	205	16	6.4	0.0
02/06/2024 23:00	3.7	204	14	5.6	0.0
02/06/2024 23:10	3.9	203	16	6.0	0.0
02/06/2024 23:20	3.3	210	14	4.8	0.0
02/06/2024 23:30	3.1	210	17	4.8	0.0
02/06/2024 23:40	3.0	205	18	5.6	0.0
02/06/2024 23:50	3.1	209	16	4.8	0.0
03/06/2024 00:00	3.3	210	17	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 00:10	3.5	209	16	5.9	0.0
03/06/2024 00:20	3.8	205	17	5.6	0.0
03/06/2024 00:30	3.4	197	14	5.6	0.0
03/06/2024 00:40	3.5	199	18	5.3	0.0
03/06/2024 00:50	3.7	188	16	5.5	0.0
03/06/2024 01:00	3.4	182	15	5.3	0.0
03/06/2024 01:10	3.5	187	14	4.8	0.0
03/06/2024 01:20	2.9	189	16	4.0	0.0
03/06/2024 01:30	3.5	189	16	5.3	0.0
03/06/2024 01:40	3.3	194	18	4.8	0.0
03/06/2024 01:50	3.4	191	16	5.2	0.0
03/06/2024 02:00	3.2	188	16	5.2	0.0
03/06/2024 02:10	3.2	188	17	4.8	0.0
03/06/2024 02:20	3.6	185	17	5.2	0.0
03/06/2024 02:30	3.1	183	18	4.7	0.0
03/06/2024 02:40	2.9	187	13	4.5	0.0
03/06/2024 02:50	3.1	196	18	5.5	0.0
03/06/2024 03:00	2.7	200	20	4.1	0.0
03/06/2024 03:10	2.4	206	20	4.1	0.0
03/06/2024 03:20	2.7	203	19	4.1	0.0
03/06/2024 03:30	2.7	196	19	4.4	0.0
03/06/2024 03:40	2.8	186	16	4.3	0.0
03/06/2024 03:50	3.2	185	18	5.7	0.0
03/06/2024 04:00	3.2	185	13	5.6	0.0
03/06/2024 04:10	3.4	184	15	5.4	0.0
03/06/2024 04:20	3.8	184	16	5.7	0.0
03/06/2024 04:30	3.4	187	16	5.1	0.0
03/06/2024 04:40	3.1	192	14	4.4	0.0
03/06/2024 04:50	3.0	198	14	4.6	0.0
03/06/2024 05:00	3.1	193	15	5.1	0.0
03/06/2024 05:10	2.8	195	14	4.2	0.0
03/06/2024 05:20	2.9	195	17	4.3	0.0
03/06/2024 05:30	3.0	191	16	4.4	0.0
03/06/2024 05:40	2.7	188	17	5.0	0.0
03/06/2024 05:50	2.6	188	15	4.1	0.0
03/06/2024 06:00	1.5	171	26	2.5	0.0
03/06/2024 06:10	1.0	144	34	2.0	0.0
03/06/2024 06:20	0.5	170	28	1.9	0.0
03/06/2024 06:30	0.4	189	31	1.4	0.0
03/06/2024 06:40	1.1	183	25	2.0	0.0
03/06/2024 06:50	1.2	187	19	2.8	0.0
03/06/2024 07:00	1.0	156	34	2.4	0.0
03/06/2024 07:10	0.8	160	20	2.0	0.0
03/06/2024 07:20	1.1	152	26	2.1	0.0
03/06/2024 07:30	1.5	160	26	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 07:40	1.6	163	21	3.2	0.0
03/06/2024 07:50	1.7	160	23	2.6	0.0
03/06/2024 08:00	1.9	170	20	2.9	0.0
03/06/2024 08:10	1.9	158	27	3.0	0.0
03/06/2024 08:20	1.9	164	23	3.2	0.0
03/06/2024 08:30	1.9	152	26	2.9	0.0
03/06/2024 08:40	1.7	149	28	3.4	0.0
03/06/2024 08:50	2.2	152	25	3.6	0.0
03/06/2024 09:00	2.4	155	23	4.1	0.0
03/06/2024 09:10	2.6	153	23	4.1	0.0
03/06/2024 09:20	2.5	156	29	4.0	0.0
03/06/2024 09:30	2.6	148	29	4.3	0.0
03/06/2024 09:40	2.6	134	29	4.3	0.0
03/06/2024 09:50	2.7	142	29	4.4	0.0
03/06/2024 10:00	2.9	134	26	4.8	0.0
03/06/2024 10:10	3.0	139	25	4.5	0.0
03/06/2024 10:20	2.9	129	33	4.4	0.0
03/06/2024 10:30	2.8	119	27	4.7	0.0
03/06/2024 10:40	2.6	126	31	4.1	0.0
03/06/2024 10:50	2.5	116	33	4.7	0.0
03/06/2024 11:00	2.4	137	30	3.7	0.0
03/06/2024 11:10	2.3	115	33	3.9	0.0
03/06/2024 11:20	2.1	118	35	3.8	0.0
03/06/2024 11:30	2.5	123	28	4.4	0.0
03/06/2024 11:40	2.2	129	32	3.6	0.0
03/06/2024 11:50	2.0	130	28	4.0	0.0
03/06/2024 12:00	2.3	129	35	4.1	0.0
03/06/2024 12:10	2.3	115	34	3.6	0.0
03/06/2024 12:20	2.3	116	30	4.0	0.0
03/06/2024 12:30	2.4	121	27	3.9	0.0
03/06/2024 12:40	2.3	130	29	4.2	0.0
03/06/2024 12:50	2.0	110	39	3.6	0.0
03/06/2024 13:00	2.1	115	31	3.6	0.0
03/06/2024 13:10	2.3	117	31	3.9	0.0
03/06/2024 13:20	1.9	119	35	3.2	0.0
03/06/2024 13:30	2.0	113	33	3.2	0.0
03/06/2024 13:40	1.8	111	36	3.9	0.0
03/06/2024 13:50	1.9	107	38	3.4	0.0
03/06/2024 14:00	1.7	120	30	3.4	0.0
03/06/2024 14:10	1.6	143	33	2.7	0.0
03/06/2024 14:20	1.8	114	30	3.3	0.0
03/06/2024 14:30	1.7	110	31	3.0	0.0
03/06/2024 14:40	1.7	110	35	3.2	0.0
03/06/2024 14:50	1.5	115	31	2.6	0.0
03/06/2024 15:00	1.7	125	38	3.1	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 15:10	1.7	110	32	3.0	0.0
03/06/2024 15:20	1.6	124	36	2.9	0.0
03/06/2024 15:30	1.6	94	32	2.7	0.0
03/06/2024 15:40	1.7	92	26	2.8	0.0
03/06/2024 15:50	1.7	96	28	3.1	0.0
03/06/2024 16:00	1.4	113	35	2.7	0.0
03/06/2024 16:10	1.0	86	18	2.0	0.0
03/06/2024 16:20	1.3	107	34	2.3	0.0
03/06/2024 16:30	1.3	74	28	2.4	0.0
03/06/2024 16:40	1.2	86	26	2.4	0.0
03/06/2024 16:50	1.0	91	23	2.2	0.0
03/06/2024 17:00	1.2	83	18	2.1	0.0
03/06/2024 17:10	1.0	39	23	1.7	0.0
03/06/2024 17:20	1.0	31	17	1.6	0.0
03/06/2024 17:30	1.0	30	17	1.7	0.0
03/06/2024 17:40	1.3	32	18	1.7	0.0
03/06/2024 17:50	1.6	25	17	2.2	0.0
03/06/2024 18:00	1.5	31	19	2.1	0.0
03/06/2024 18:10	0.9	24	17	1.6	0.0
03/06/2024 18:20	1.0	13	17	1.6	0.0
03/06/2024 18:30	0.8	15	21	1.4	0.0
03/06/2024 18:40	0.8	183	21	1.3	0.0
03/06/2024 18:50	0.5	7	22	1.0	0.0
03/06/2024 19:00	0.8	2	23	1.2	0.0
03/06/2024 19:10	0.8	5	17	1.4	0.0
03/06/2024 19:20	0.8	4	22	1.3	0.0
03/06/2024 19:30	1.0	2	16	1.4	0.0
03/06/2024 19:40	0.9	180	25	1.3	0.0
03/06/2024 19:50	0.9	357	25	1.4	0.0
03/06/2024 20:00	0.9	177	25	1.5	0.0
03/06/2024 20:10	1.1	357	17	1.6	0.0
03/06/2024 20:20	0.8	176	18	1.2	0.0
03/06/2024 20:30	0.6	355	21	1.3	0.0
03/06/2024 20:40	1.1	353	18	1.8	0.0
03/06/2024 20:50	0.8	5	17	1.2	0.0
03/06/2024 21:00	0.9	3	19	1.4	0.0
03/06/2024 21:10	1.0	1	16	1.5	0.0
03/06/2024 21:20	0.9	2	19	1.5	0.0
03/06/2024 21:30	1.0	3	21	1.4	0.0
03/06/2024 21:40	1.0	180	19	1.5	0.0
03/06/2024 21:50	1.1	6	15	1.4	0.0
03/06/2024 22:00	0.9	10	14	1.2	0.0
03/06/2024 22:10	0.7	119	13	1.3	0.0
03/06/2024 22:20	0.5	131	8	1.0	0.0
03/06/2024 22:30	0.2	228	4	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/06/2024 22:40	0.1	143	9	0.6	0.0
03/06/2024 22:50					0.0
03/06/2024 23:00					0.0
03/06/2024 23:10					0.0
03/06/2024 23:20					0.0
03/06/2024 23:30					0.0
03/06/2024 23:40					0.0
03/06/2024 23:50					0.0
04/06/2024 00:00					0.0
04/06/2024 00:10	0.1	103	10	1.4	0.0
04/06/2024 00:20	0.7	88	33	1.5	0.0
04/06/2024 00:30	1.6	83	23	3.0	0.0
04/06/2024 00:40	2.0	78	24	3.2	0.0
04/06/2024 00:50	2.4	84	22	4.4	0.0
04/06/2024 01:00	2.9	85	20	5.0	0.0
04/06/2024 01:10	2.6	87	25	4.3	0.0
04/06/2024 01:20	2.3	89	28	3.8	0.0
04/06/2024 01:30	2.4	98	29	4.0	0.0
04/06/2024 01:40	2.3	95	29	4.5	0.0
04/06/2024 01:50	2.6	96	31	4.3	0.0
04/06/2024 02:00	2.5	96	38	4.3	0.0
04/06/2024 02:10	2.5	94	30	4.0	0.0
04/06/2024 02:20	2.5	104	32	3.9	0.0
04/06/2024 02:30	2.4	101	35	3.9	0.0
04/06/2024 02:40	2.1	99	38	3.6	0.0
04/06/2024 02:50	2.3	105	35	4.0	0.0
04/06/2024 03:00	2.7	99	33	4.6	0.0
04/06/2024 03:10	2.9	97	31	5.2	0.0
04/06/2024 03:20	2.6	97	31	4.4	0.0
04/06/2024 03:30	2.4	98	28	4.2	0.0
04/06/2024 03:40	2.7	95	29	4.8	0.0
04/06/2024 03:50	2.3	99	37	4.7	0.0
04/06/2024 04:00	2.6	100	32	4.4	0.0
04/06/2024 04:10	2.3	97	34	4.2	0.0
04/06/2024 04:20	2.5	93	30	4.3	0.0
04/06/2024 04:30	2.6	97	30	4.8	0.0
04/06/2024 04:40	2.3	97	31	3.8	0.0
04/06/2024 04:50	2.3	98	35	4.5	0.0
04/06/2024 05:00	2.5	102	31	4.5	0.0
04/06/2024 05:10	2.6	100	34	4.3	0.0
04/06/2024 05:20	2.1	96	30	3.3	0.0
04/06/2024 05:30	2.1	96	30	4.1	0.0
04/06/2024 05:40	2.7	102	27	4.6	0.0
04/06/2024 05:50	2.5	107	36	4.1	0.0
04/06/2024 06:00	2.7	105	28	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 06:10	2.8	103	30	5.0	0.0
04/06/2024 06:20	2.9	98	33	4.4	0.0
04/06/2024 06:30	3.0	101	32	4.9	0.0
04/06/2024 06:40	2.7	104	34	4.5	0.0
04/06/2024 06:50	2.7	101	31	4.9	0.0
04/06/2024 07:00	2.9	107	32	5.2	0.0
04/06/2024 07:10	2.9	109	34	4.8	0.0
04/06/2024 07:20	2.8	102	40	4.8	0.0
04/06/2024 07:30	3.0	112	29	5.2	0.0
04/06/2024 07:40	3.3	111	28	5.8	0.0
04/06/2024 07:50	3.2	110	36	5.5	0.0
04/06/2024 08:00	3.4	115	32	5.5	0.0
04/06/2024 08:10	3.5	112	34	5.3	0.0
04/06/2024 08:20	3.1	116	35	5.4	0.0
04/06/2024 08:30	3.3	111	33	5.0	0.0
04/06/2024 08:40	3.3	111	30	5.6	0.0
04/06/2024 08:50	3.7	103	32	6.6	0.0
04/06/2024 09:00	3.6	100	30	6.3	0.0
04/06/2024 09:10	3.5	99	32	5.6	0.0
04/06/2024 09:20	3.3	105	32	5.9	0.0
04/06/2024 09:30	3.9	94	24	6.9	0.0
04/06/2024 09:40	3.6	98	31	6.6	0.0
04/06/2024 09:50	3.9	86	24	6.0	0.0
04/06/2024 10:00	4.1	89	27	6.8	0.0
04/06/2024 10:10	4.7	87	23	7.5	0.0
04/06/2024 10:20	4.3	96	26	6.8	0.0
04/06/2024 10:30	4.0	93	26	6.5	0.0
04/06/2024 10:40	4.1	90	22	6.9	0.0
04/06/2024 10:50	4.2	91	22	7.0	0.0
04/06/2024 11:00	4.5	91	25	6.8	0.0
04/06/2024 11:10	4.1	91	30	6.8	0.0
04/06/2024 11:20	4.2	92	26	7.5	0.0
04/06/2024 11:30	4.3	88	26	6.4	0.0
04/06/2024 11:40	4.1	82	25	6.7	0.0
04/06/2024 11:50	4.0	84	22	7.0	0.0
04/06/2024 12:00	4.2	84	25	6.6	0.0
04/06/2024 12:10	3.8	84	23	6.6	0.0
04/06/2024 12:20	3.9	74	23	6.9	0.0
04/06/2024 12:30	3.8	83	23	6.0	0.0
04/06/2024 12:40	3.6	76	21	6.0	0.0
04/06/2024 12:50	3.6	75	29	6.0	0.0
04/06/2024 13:00	3.5	81	26	6.5	0.0
04/06/2024 13:10	3.4	77	28	6.0	0.0
04/06/2024 13:20	3.4	74	22	6.2	0.0
04/06/2024 13:30	3.9	78	24	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 13:40	3.4	77	20	5.8	0.0
04/06/2024 13:50	3.3	78	25	5.3	0.0
04/06/2024 14:00	3.1	77	29	5.5	0.0
04/06/2024 14:10	2.9	69	28	4.8	0.0
04/06/2024 14:20	2.9	71	27	4.9	0.0
04/06/2024 14:30	3.0	58	22	4.8	0.0
04/06/2024 14:40	2.6	64	22	4.8	0.0
04/06/2024 14:50	2.8	68	23	5.2	0.0
04/06/2024 15:00	2.8	65	22	4.5	0.0
04/06/2024 15:10	2.8	76	24	4.4	0.0
04/06/2024 15:20	2.6	66	25	4.8	0.0
04/06/2024 15:30	2.8	60	24	4.8	0.0
04/06/2024 15:40	2.4	63	21	4.3	0.0
04/06/2024 15:50	2.5	52	22	4.4	0.0
04/06/2024 16:00	2.5	63	22	3.9	0.0
04/06/2024 16:10	2.7	58	23	4.4	0.0
04/06/2024 16:20	2.2	57	24	4.0	0.0
04/06/2024 16:30	2.2	61	23	3.7	0.0
04/06/2024 16:40	2.0	62	26	3.5	0.0
04/06/2024 16:50	2.0	61	25	3.1	0.0
04/06/2024 17:00	1.8	59	23	3.0	0.0
04/06/2024 17:10	1.6	60	27	2.4	0.0
04/06/2024 17:20	1.6	61	22	2.6	0.0
04/06/2024 17:30	1.5	62	24	2.6	0.0
04/06/2024 17:40	1.2	61	26	2.4	0.0
04/06/2024 17:50	1.8	65	25	3.7	0.0
04/06/2024 18:00	1.6	70	24	2.4	0.0
04/06/2024 18:10	1.5	73	18	2.7	0.0
04/06/2024 18:20	1.4	68	25	2.4	0.0
04/06/2024 18:30	1.4	73	22	2.3	0.0
04/06/2024 18:40	1.3	74	25	2.4	0.0
04/06/2024 18:50	1.4	76	25	2.4	0.0
04/06/2024 19:00	1.2	81	24	2.0	0.0
04/06/2024 19:10	1.0	73	25	1.6	0.0
04/06/2024 19:20	0.6	63	26	1.7	0.0
04/06/2024 19:30	0.8	50	26	1.8	0.0
04/06/2024 19:40	0.4	43	22	1.2	0.0
04/06/2024 19:50	0.5	42	20	1.1	0.0
04/06/2024 20:00	0.6	36	22	1.0	0.0
04/06/2024 20:10	0.2	33	15	0.8	0.0
04/06/2024 20:20	0.2	29	19	0.9	0.0
04/06/2024 20:30	0.4	36	19	1.0	0.0
04/06/2024 20:40	0.5	40	23	1.4	0.0
04/06/2024 20:50	0.7	43	21	1.5	0.0
04/06/2024 21:00	0.3	34	22	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/06/2024 21:10	0.5	48	28	1.1	0.0
04/06/2024 21:20	0.6	37	26	1.2	0.0
04/06/2024 21:30	0.5	39	25	1.1	0.0
04/06/2024 21:40	0.4	45	23	1.2	0.0
04/06/2024 21:50	0.6	54	28	1.2	0.0
04/06/2024 22:00	0.8	49	24	1.8	0.0
04/06/2024 22:10	1.0	63	31	2.1	0.0
04/06/2024 22:20	0.9	66	31	1.6	0.0
04/06/2024 22:30	1.6	72	27	3.1	0.0
04/06/2024 22:40	1.7	85	21	3.1	0.0
04/06/2024 22:50	1.8	79	23	2.8	0.0
04/06/2024 23:00	1.9	84	21	3.3	0.0
04/06/2024 23:10	2.1	82	18	3.4	0.0
04/06/2024 23:20	2.2	86	21	4.1	0.0
04/06/2024 23:30	1.7	87	25	2.8	0.0
04/06/2024 23:40	1.3	101	34	2.9	0.0
04/06/2024 23:50	1.3	103	29	2.0	0.0
05/06/2024 00:00	1.2	103	32	2.3	0.0
05/06/2024 00:10	1.0	91	30	1.7	0.0
05/06/2024 00:20	1.0	96	31	1.6	0.0
05/06/2024 00:30	0.8	97	34	1.4	0.0
05/06/2024 00:40	0.9	102	34	2.0	0.0
05/06/2024 00:50	1.2	99	27	2.0	0.0
05/06/2024 01:00	1.5	100	32	2.8	0.0
05/06/2024 01:10	1.7	107	29	2.6	0.0
05/06/2024 01:20	1.6	111	39	3.2	0.0
05/06/2024 01:30	1.8	101	36	2.8	0.0
05/06/2024 01:40	1.7	103	31	3.2	0.0
05/06/2024 01:50	1.7	99	32	3.0	0.0
05/06/2024 02:00	1.9	102	31	3.2	0.0
05/06/2024 02:10	1.8	96	39	3.2	0.0
05/06/2024 02:20	1.7	96	32	2.9	0.0
05/06/2024 02:30	1.7	103	34	2.7	0.0
05/06/2024 02:40	2.2	97	26	3.6	0.0
05/06/2024 02:50	2.0	93	31	3.4	0.0
05/06/2024 03:00	2.1	92	26	3.6	0.0
05/06/2024 03:10	2.5	94	22	4.0	0.0
05/06/2024 03:20	2.6	92	24	4.8	0.0
05/06/2024 03:30	3.0	82	21	5.6	0.0
05/06/2024 03:40	3.2	81	25	5.2	0.0
05/06/2024 03:50	3.6	86	23	6.1	0.0
05/06/2024 04:00	3.4	84	26	5.6	0.0
05/06/2024 04:10	3.0	81	25	4.6	0.0
05/06/2024 04:20	3.1	80	19	6.0	0.0
05/06/2024 04:30	3.5	85	20	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 04:40	3.3	82	22	5.6	0.0
05/06/2024 04:50	3.2	85	30	5.2	0.0
05/06/2024 05:00	3.2	85	24	5.7	0.0
05/06/2024 05:10	3.0	91	26	5.1	0.0
05/06/2024 05:20	3.5	88	26	5.6	0.0
05/06/2024 05:30	3.0	86	23	4.6	0.0
05/06/2024 05:40	3.7	85	18	5.2	0.0
05/06/2024 05:50	3.5	87	23	6.2	0.0
05/06/2024 06:00	3.8	88	26	6.4	0.0
05/06/2024 06:10	3.7	87	23	6.2	0.0
05/06/2024 06:20	3.4	97	31	6.1	0.0
05/06/2024 06:30	3.3	91	23	4.9	0.0
05/06/2024 06:40	3.7	87	24	6.1	0.0
05/06/2024 06:50	3.7	83	25	6.4	0.0
05/06/2024 07:00	3.2	86	26	5.1	0.0
05/06/2024 07:10	3.0	90	31	4.8	0.0
05/06/2024 07:20	3.3	95	25	5.5	0.0
05/06/2024 07:30	3.0	100	29	6.2	0.0
05/06/2024 07:40	3.5	87	29	6.0	0.0
05/06/2024 07:50	3.5	96	27	6.8	0.0
05/06/2024 08:00	3.6	93	29	6.2	0.0
05/06/2024 08:10	3.6	97	32	5.9	0.0
05/06/2024 08:20	3.8	99	30	6.1	0.0
05/06/2024 08:30	3.9	96	29	7.0	0.0
05/06/2024 08:40	3.9	95	26	7.4	0.0
05/06/2024 08:50	3.8	91	28	7.2	0.0
05/06/2024 09:00	3.7	89	27	5.9	0.0
05/06/2024 09:10	4.6	88	23	7.2	0.0
05/06/2024 09:20	4.3	92	27	7.4	0.0
05/06/2024 09:30	4.2	94	25	7.4	0.0
05/06/2024 09:40	4.2	96	23	6.9	0.0
05/06/2024 09:50	4.8	89	27	7.5	0.0
05/06/2024 10:00	4.5	88	24	7.2	0.0
05/06/2024 10:10	4.0	89	28	6.4	0.0
05/06/2024 10:20	4.1	88	30	6.9	0.0
05/06/2024 10:30	4.3	82	25	7.5	0.0
05/06/2024 10:40	4.5	85	23	8.3	0.0
05/06/2024 10:50	4.8	84	23	8.3	0.0
05/06/2024 11:00	4.4	77	24	6.7	0.0
05/06/2024 11:10	4.3	89	27	7.9	0.0
05/06/2024 11:20	4.1	82	23	6.8	0.0
05/06/2024 11:30	4.3	80	23	6.6	0.0
05/06/2024 11:40	4.2	85	26	6.3	0.0
05/06/2024 11:50	4.1	86	23	6.4	0.0
05/06/2024 12:00	3.8	83	25	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 12:10	3.7	79	28	5.5	0.0
05/06/2024 12:20	4.0	80	20	6.1	0.0
05/06/2024 12:30	3.4	84	32	5.7	0.0
05/06/2024 12:40	3.7	85	22	6.1	0.0
05/06/2024 12:50	3.7	80	23	6.3	0.0
05/06/2024 13:00	4.0	80	18	6.8	0.0
05/06/2024 13:10	3.3	73	26	5.4	0.0
05/06/2024 13:20	3.3	71	23	5.5	0.0
05/06/2024 13:30	3.2	66	23	5.6	0.0
05/06/2024 13:40	3.3	85	26	5.5	0.0
05/06/2024 13:50	3.5	80	26	5.6	0.0
05/06/2024 14:00	3.5	74	24	5.5	0.0
05/06/2024 14:10	3.4	81	22	5.3	0.0
05/06/2024 14:20	3.1	78	22	5.6	0.0
05/06/2024 14:30	2.9	80	25	4.8	0.0
05/06/2024 14:40	3.3	89	27	5.0	0.0
05/06/2024 14:50	2.9	82	27	5.1	0.0
05/06/2024 15:00	3.1	76	24	4.7	0.0
05/06/2024 15:10	3.3	63	22	4.9	0.0
05/06/2024 15:20	2.9	63	21	5.6	0.0
05/06/2024 15:30	2.9	61	23	4.5	0.0
05/06/2024 15:40	3.0	61	25	5.7	0.0
05/06/2024 15:50	3.0	62	19	4.6	0.0
05/06/2024 16:00	2.9	60	22	5.1	0.0
05/06/2024 16:10	2.7	57	23	4.8	0.0
05/06/2024 16:20	2.4	59	20	4.0	0.0
05/06/2024 16:30	2.5	52	19	4.2	0.0
05/06/2024 16:40	2.2	64	25	3.4	0.0
05/06/2024 16:50	2.2	61	21	3.6	0.0
05/06/2024 17:00	1.8	57	20	2.9	0.0
05/06/2024 17:10	2.0	50	19	3.3	0.0
05/06/2024 17:20	1.7	51	20	2.7	0.0
05/06/2024 17:30	1.5	53	28	2.6	0.0
05/06/2024 17:40	1.4	46	19	2.2	0.0
05/06/2024 17:50	1.5	32	23	2.2	0.0
05/06/2024 18:00	1.4	28	19	2.3	0.0
05/06/2024 18:10	1.5	29	17	2.1	0.0
05/06/2024 18:20	1.3	24	18	1.8	0.0
05/06/2024 18:30	1.3	26	19	2.0	0.0
05/06/2024 18:40	0.6	25	18	1.2	0.0
05/06/2024 18:50	0.7	16	16	1.2	0.0
05/06/2024 19:00	0.9	16	18	1.3	0.0
05/06/2024 19:10	0.5	16	17	0.8	0.0
05/06/2024 19:20	0.7	8	15	1.1	0.0
05/06/2024 19:30	0.6	8	17	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/06/2024 19:40	0.5	3	16	1.1	0.0
05/06/2024 19:50	0.7	179	20	1.2	0.0
05/06/2024 20:00	0.7	4	17	1.2	0.0
05/06/2024 20:10	0.9	9	14	1.2	0.0
05/06/2024 20:20	0.9	15	15	1.2	0.0
05/06/2024 20:30	0.6	17	14	0.8	0.0
05/06/2024 20:40	0.5	24	12	1.2	0.0
05/06/2024 20:50	0.8	23	16	1.2	0.0
05/06/2024 21:00	0.8	22	12	1.2	0.0
05/06/2024 21:10	0.7	23	15	1.0	0.0
05/06/2024 21:20	0.5	23	15	0.9	0.0
05/06/2024 21:30	0.4	26	15	1.0	0.0
05/06/2024 21:40	0.2	33	10	0.8	0.0
05/06/2024 21:50	0.2	42	11	0.8	0.0
05/06/2024 22:00					0.0
05/06/2024 22:10					0.0
05/06/2024 22:20	0.0	33	1	0.4	0.0
05/06/2024 22:30	0.0	9	6	0.4	0.0
05/06/2024 22:40	0.0	25	4	0.4	0.0
05/06/2024 22:50					0.0
05/06/2024 23:00					0.0
05/06/2024 23:10					0.0
05/06/2024 23:20					0.0
05/06/2024 23:30					0.0
05/06/2024 23:40					0.0
05/06/2024 23:50					0.0
06/06/2024 00:00					0.0
06/06/2024 00:10					0.0
06/06/2024 00:20	0.1	40	10	0.6	0.0
06/06/2024 00:30	0.0	51	7	0.6	0.0
06/06/2024 00:40	0.1	42	13	0.7	0.0
06/06/2024 00:50	0.1	49	9	0.6	0.0
06/06/2024 01:00	0.2	73	20	1.1	0.0
06/06/2024 01:10	0.2	76	17	0.8	0.0
06/06/2024 01:20	0.4	78	23	1.2	0.0
06/06/2024 01:30	0.8	82	29	1.7	0.0
06/06/2024 01:40	0.7	96	28	1.6	0.0
06/06/2024 01:50	0.7	95	29	1.4	0.0
06/06/2024 02:00	1.4	92	26	2.7	0.0
06/06/2024 02:10	2.0	89	26	4.3	0.0
06/06/2024 02:20	2.6	89	25	4.4	0.0
06/06/2024 02:30	2.7	85	24	4.4	0.0
06/06/2024 02:40	2.3	89	23	3.7	0.0
06/06/2024 02:50	2.3	85	24	3.7	0.0
06/06/2024 03:00	2.4	82	23	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 03:10	2.6	84	21	4.4	0.0
06/06/2024 03:20	2.0	90	25	3.4	0.0
06/06/2024 03:30	1.7	103	35	2.9	0.0
06/06/2024 03:40	1.5	104	33	2.5	0.0
06/06/2024 03:50	1.9	95	29	2.9	0.0
06/06/2024 04:00	1.8	93	29	2.9	0.0
06/06/2024 04:10	2.1	90	34	3.8	0.0
06/06/2024 04:20	2.9	86	25	4.8	0.0
06/06/2024 04:30	3.0	90	28	5.2	0.0
06/06/2024 04:40	2.7	92	26	5.0	0.0
06/06/2024 04:50	2.7	89	21	4.7	0.0
06/06/2024 05:00	2.2	88	27	4.0	0.0
06/06/2024 05:10	2.1	98	27	4.2	0.0
06/06/2024 05:20	2.0	102	33	3.6	0.0
06/06/2024 05:30	2.1	90	28	3.2	0.0
06/06/2024 05:40	1.5	104	34	3.2	0.0
06/06/2024 05:50	1.6	96	28	3.0	0.0
06/06/2024 06:00	1.6	100	36	2.8	0.0
06/06/2024 06:10	2.0	94	28	3.7	0.0
06/06/2024 06:20	1.9	94	29	3.6	0.0
06/06/2024 06:30	2.1	91	29	3.8	0.0
06/06/2024 06:40	1.9	87	26	3.8	0.0
06/06/2024 06:50	2.0	86	29	3.5	0.0
06/06/2024 07:00	2.5	85	24	4.4	0.0
06/06/2024 07:10	2.6	82	22	4.5	0.0
06/06/2024 07:20	2.7	86	23	4.4	0.0
06/06/2024 07:30	2.4	89	30	3.9	0.0
06/06/2024 07:40	2.5	88	27	4.5	0.0
06/06/2024 07:50	2.5	94	29	4.2	0.0
06/06/2024 08:00	2.3	106	29	3.8	0.0
06/06/2024 08:10	2.4	101	35	4.0	0.0
06/06/2024 08:20	2.4	118	27	4.1	0.0
06/06/2024 08:30	2.6	114	33	4.1	0.0
06/06/2024 08:40	2.7	103	29	4.6	0.0
06/06/2024 08:50	3.1	92	29	6.0	0.0
06/06/2024 09:00	2.8	92	31	4.8	0.0
06/06/2024 09:10	3.2	93	28	5.3	0.0
06/06/2024 09:20	3.7	87	20	6.1	0.0
06/06/2024 09:30	4.0	89	24	6.3	0.0
06/06/2024 09:40	4.0	83	22	7.1	0.0
06/06/2024 09:50	4.2	86	22	6.8	0.0
06/06/2024 10:00	3.6	88	27	6.5	0.0
06/06/2024 10:10	3.9	86	25	6.8	0.0
06/06/2024 10:20	4.0	80	27	6.4	0.0
06/06/2024 10:30	4.1	81	24	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 10:40	3.7	82	26	6.1	0.0
06/06/2024 10:50	3.7	81	24	5.9	0.0
06/06/2024 11:00	3.4	82	28	6.0	0.0
06/06/2024 11:10	4.0	84	23	6.2	0.0
06/06/2024 11:20	4.1	86	26	6.4	0.0
06/06/2024 11:30	3.8	84	26	6.3	0.0
06/06/2024 11:40	3.7	78	26	5.6	0.0
06/06/2024 11:50	4.0	77	22	7.0	0.0
06/06/2024 12:00	4.4	77	20	7.5	0.0
06/06/2024 12:10	4.0	81	26	6.3	0.0
06/06/2024 12:20	3.9	81	25	6.0	0.0
06/06/2024 12:30	3.9	84	23	6.0	0.0
06/06/2024 12:40	3.6	77	22	5.7	0.0
06/06/2024 12:50	3.7	81	23	6.1	0.0
06/06/2024 13:00	3.8	66	24	6.6	0.0
06/06/2024 13:10	3.9	63	22	6.2	0.0
06/06/2024 13:20	3.5	63	25	5.5	0.0
06/06/2024 13:30	3.5	62	20	5.2	0.0
06/06/2024 13:40	3.4	63	22	6.2	0.0
06/06/2024 13:50	3.4	58	22	5.1	0.0
06/06/2024 14:00	3.3	61	21	5.3	0.0
06/06/2024 14:10	3.4	62	21	5.3	0.0
06/06/2024 14:20	3.2	63	19	5.2	0.0
06/06/2024 14:30	3.0	60	23	5.2	0.0
06/06/2024 14:40	3.0	68	24	4.6	0.0
06/06/2024 14:50	2.9	67	23	4.4	0.0
06/06/2024 15:00	2.7	60	22	4.4	0.0
06/06/2024 15:10	3.0	58	22	4.6	0.0
06/06/2024 15:20	2.8	50	21	4.7	0.0
06/06/2024 15:30	2.8	54	23	4.4	0.0
06/06/2024 15:40	2.7	54	21	4.3	0.0
06/06/2024 15:50	2.8	61	21	4.8	0.0
06/06/2024 16:00	2.6	54	22	4.0	0.0
06/06/2024 16:10	2.6	52	20	4.0	0.0
06/06/2024 16:20	2.5	56	20	4.3	0.0
06/06/2024 16:30	2.7	49	18	4.4	0.0
06/06/2024 16:40	2.5	44	24	4.4	0.0
06/06/2024 16:50	2.5	49	22	4.1	0.0
06/06/2024 17:00	2.2	54	21	3.3	0.0
06/06/2024 17:10	2.2	40	24	3.3	0.0
06/06/2024 17:20	1.8	41	22	2.5	0.0
06/06/2024 17:30	1.8	36	20	2.9	0.0
06/06/2024 17:40	2.0	37	21	3.0	0.0
06/06/2024 17:50	2.0	37	18	2.9	0.0
06/06/2024 18:00	2.1	38	20	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/06/2024 18:10	1.8	35	19	2.7	0.0
06/06/2024 18:20	1.5	35	17	2.2	0.0
06/06/2024 18:30	1.5	29	19	2.3	0.0
06/06/2024 18:40	1.1	22	16	1.6	0.0
06/06/2024 18:50	0.5	21	16	1.2	0.0
06/06/2024 19:00	0.3	14	16	0.9	0.0
06/06/2024 19:10	0.0	172	0	0.4	0.0
06/06/2024 19:20					0.0
06/06/2024 19:30	0.1	342	1	0.8	0.0
06/06/2024 19:40	0.7	173	12	1.2	0.0
06/06/2024 19:50	0.9	7	19	1.6	0.0
06/06/2024 20:00	0.9	359	22	1.5	0.0
06/06/2024 20:10	0.8	3	21	1.2	0.0
06/06/2024 20:20	0.7	183	23	1.2	0.0
06/06/2024 20:30	0.5	357	22	0.9	0.0
06/06/2024 20:40	0.5	347	18	1.2	0.0
06/06/2024 20:50	0.7	356	22	1.2	0.0
06/06/2024 21:00	1.0	183	26	1.6	0.0
06/06/2024 21:10	1.4	184	21	2.0	0.0
06/06/2024 21:20	1.7	10	20	2.2	0.0
06/06/2024 21:30	1.9	10	16	2.7	0.0
06/06/2024 21:40	1.8	15	16	2.6	0.0
06/06/2024 21:50	1.6	12	17	2.2	0.0
06/06/2024 22:00	1.5	13	17	2.5	0.0
06/06/2024 22:10	1.3	21	15	1.9	0.0
06/06/2024 22:20	1.3	9	20	2.0	0.0
06/06/2024 22:30	1.3	7	20	1.9	0.0
06/06/2024 22:40	1.4	6	19	1.9	0.0
06/06/2024 22:50	1.0	16	17	1.4	0.0
06/06/2024 23:00	0.6	10	22	1.0	0.0
06/06/2024 23:10	0.9	357	20	1.4	0.0
06/06/2024 23:20	0.5	350	18	1.2	0.0
06/06/2024 23:30	1.0	349	18	1.4	0.0
06/06/2024 23:40	1.2	347	14	1.5	0.0
06/06/2024 23:50	1.3	338	7	1.6	0.0
07/06/2024 00:00	1.2	338	8	1.5	0.0
07/06/2024 00:10	1.2	341	9	1.5	0.0
07/06/2024 00:20	1.1	347	14	1.5	0.0
07/06/2024 00:30	1.0	353	14	1.4	0.0
07/06/2024 00:40	1.0	7	18	1.3	0.0
07/06/2024 00:50	0.4	21	25	1.2	0.0
07/06/2024 01:00	0.5	24	22	1.1	0.0
07/06/2024 01:10	0.3	31	18	0.8	0.0
07/06/2024 01:20	0.4	5	15	0.8	0.0
07/06/2024 01:30	0.1	17	13	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 01:40	0.3	51	23	0.9	0.0
07/06/2024 01:50	0.3	63	28	0.8	0.0
07/06/2024 02:00	0.6	215	16	1.4	0.0
07/06/2024 02:10	0.0	200	1	0.8	0.0
07/06/2024 02:20	0.5	205	16	1.2	0.0
07/06/2024 02:30	0.2	222	7	1.6	0.0
07/06/2024 02:40	1.0	203	25	2.1	0.0
07/06/2024 02:50	1.3	208	25	2.6	0.0
07/06/2024 03:00	1.1	191	29	2.2	0.0
07/06/2024 03:10	0.1	302	4	0.8	0.0
07/06/2024 03:20	0.5	227	27	1.2	0.0
07/06/2024 03:30	0.6	213	28	1.8	0.0
07/06/2024 03:40	0.2	275	16	0.8	0.0
07/06/2024 03:50	0.8	130	30	2.1	0.0
07/06/2024 04:00	0.2	87	21	0.8	0.0
07/06/2024 04:10	0.3	42	8	0.8	0.0
07/06/2024 04:20	0.0	197	11	0.6	0.0
07/06/2024 04:30	0.1	19	4	0.4	0.0
07/06/2024 04:40	0.4	33	13	0.8	0.0
07/06/2024 04:50	0.2	45	14	0.8	0.0
07/06/2024 05:00	0.5	42	22	1.3	0.0
07/06/2024 05:10	0.1	52	14	0.8	0.0
07/06/2024 05:20	0.3	94	22	1.3	0.0
07/06/2024 05:30	1.2	96	33	3.1	0.0
07/06/2024 05:40	1.6	95	29	3.0	0.0
07/06/2024 05:50	1.6	96	28	3.0	0.0
07/06/2024 06:00	1.5	96	35	2.6	0.0
07/06/2024 06:10	1.5	102	36	3.0	0.0
07/06/2024 06:20	1.4	101	32	2.8	0.0
07/06/2024 06:30	1.1	111	32	2.5	0.0
07/06/2024 06:40	1.1	104	36	2.0	0.0
07/06/2024 06:50	1.2	99	37	2.2	0.0
07/06/2024 07:00	1.4	97	33	2.4	0.0
07/06/2024 07:10	1.5	100	36	2.9	0.0
07/06/2024 07:20	1.5	107	34	2.8	0.0
07/06/2024 07:30	1.5	126	29	2.8	0.0
07/06/2024 07:40	1.5	132	35	2.6	0.0
07/06/2024 07:50	1.5	138	31	2.4	0.0
07/06/2024 08:00	1.5	133	28	2.6	0.0
07/06/2024 08:10	1.4	129	28	2.4	0.0
07/06/2024 08:20	1.5	131	26	2.6	0.0
07/06/2024 08:30	1.7	136	27	2.9	0.0
07/06/2024 08:40	1.6	122	30	2.9	0.0
07/06/2024 08:50	1.6	116	29	3.2	0.0
07/06/2024 09:00	1.7	120	28	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 09:10	2.2	106	33	3.6	0.0
07/06/2024 09:20	2.2	98	31	4.1	0.0
07/06/2024 09:30	2.3	106	37	4.1	0.0
07/06/2024 09:40	2.1	100	27	3.3	0.0
07/06/2024 09:50	2.6	96	29	4.8	0.0
07/06/2024 10:00	3.5	89	24	5.8	0.0
07/06/2024 10:10	3.0	91	24	4.8	0.0
07/06/2024 10:20	3.1	83	24	4.9	0.0
07/06/2024 10:30	2.8	83	23	4.7	0.0
07/06/2024 10:40	3.3	80	21	6.0	0.0
07/06/2024 10:50	2.8	81	28	5.0	0.0
07/06/2024 11:00	3.2	78	23	5.2	0.0
07/06/2024 11:10	3.2	89	27	4.7	0.0
07/06/2024 11:20	3.4	80	30	5.2	0.0
07/06/2024 11:30	3.0	79	29	4.9	0.0
07/06/2024 11:40	3.2	75	25	5.7	0.0
07/06/2024 11:50	3.0	84	28	4.8	0.0
07/06/2024 12:00	2.9	80	26	5.0	0.0
07/06/2024 12:10	2.9	76	26	5.2	0.0
07/06/2024 12:20	3.2	80	21	5.3	0.0
07/06/2024 12:30	2.8	84	26	4.5	0.0
07/06/2024 12:40	3.1	81	30	5.1	0.0
07/06/2024 12:50	2.8	81	24	4.8	0.0
07/06/2024 13:00	2.7	67	26	4.4	0.0
07/06/2024 13:10	3.0	60	23	4.9	0.0
07/06/2024 13:20	2.9	66	22	4.8	0.0
07/06/2024 13:30	3.0	63	22	4.6	0.0
07/06/2024 13:40	2.7	63	21	4.7	0.0
07/06/2024 13:50	2.8	58	25	4.5	0.0
07/06/2024 14:00	2.8	63	24	4.8	0.0
07/06/2024 14:10	3.0	58	25	5.3	0.0
07/06/2024 14:20	2.8	56	25	4.4	0.0
07/06/2024 14:30	2.7	61	21	4.0	0.0
07/06/2024 14:40	2.9	55	22	4.8	0.0
07/06/2024 14:50	3.0	46	25	5.2	0.0
07/06/2024 15:00	3.0	44	20	4.4	0.0
07/06/2024 15:10	2.6	50	20	4.0	0.0
07/06/2024 15:20	2.5	62	22	4.0	0.0
07/06/2024 15:30	2.9	42	20	4.5	0.0
07/06/2024 15:40	2.8	53	17	4.8	0.0
07/06/2024 15:50	2.7	45	22	5.0	0.0
07/06/2024 16:00	3.0	45	20	4.6	0.0
07/06/2024 16:10	2.8	43	18	4.0	0.0
07/06/2024 16:20	2.8	38	21	4.4	0.0
07/06/2024 16:30	2.6	39	20	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/06/2024 16:40	2.5	38	19	3.6	0.0
07/06/2024 16:50	2.6	39	21	4.1	0.0
07/06/2024 17:00	2.3	38	19	3.7	0.0
07/06/2024 17:10	2.0	41	20	3.2	0.0
07/06/2024 17:20	1.8	42	17	2.8	0.0
07/06/2024 17:30	1.8	39	21	2.8	0.0
07/06/2024 17:40	1.3	40	18	2.3	0.0
07/06/2024 17:50	1.1	37	17	1.6	0.0
07/06/2024 18:00	1.4	33	17	2.0	0.0
07/06/2024 18:10	1.5	29	19	2.0	0.0
07/06/2024 18:20	1.5	39	18	2.4	0.0
07/06/2024 18:30	1.6	31	17	2.4	0.0
07/06/2024 18:40	1.6	28	17	2.4	0.0
07/06/2024 18:50	1.7	29	18	2.5	0.0
07/06/2024 19:00	1.6	31	16	2.4	0.0
07/06/2024 19:10	1.4	27	18	2.0	0.0
07/06/2024 19:20	0.5	16	15	1.2	0.0
07/06/2024 19:30	0.2	120	8	0.8	0.0
07/06/2024 19:40	0.4	25	10	0.9	0.0
07/06/2024 19:50	1.0	12	16	1.6	0.0
07/06/2024 20:00	0.9	8	19	1.4	0.0
07/06/2024 20:10	1.3	13	16	1.8	0.0
07/06/2024 20:20	1.2	16	16	1.8	0.0
07/06/2024 20:30	1.2	14	16	1.6	0.0
07/06/2024 20:40	1.3	13	18	1.9	0.0
07/06/2024 20:50	1.3	16	18	2.0	0.0
07/06/2024 21:00	1.4	18	15	2.0	0.0
07/06/2024 21:10	1.4	19	14	1.9	0.0
07/06/2024 21:20	1.5	17	15	2.1	0.0
07/06/2024 21:30	1.5	14	17	2.3	0.0
07/06/2024 21:40	1.3	8	18	1.9	0.0
07/06/2024 21:50	1.3	8	21	1.9	0.0
07/06/2024 22:00	0.6	12	25	1.1	0.0
07/06/2024 22:10	0.9	5	20	1.5	0.0
07/06/2024 22:20	1.8	10	16	2.4	0.0
07/06/2024 22:30	1.4	8	17	1.9	0.0
07/06/2024 22:40	0.3	187	21	0.9	0.0
07/06/2024 22:50	0.2	47	10	0.7	0.0
07/06/2024 23:00	0.1	19	9	0.6	0.0
07/06/2024 23:10	0.2	19	9	0.7	0.0
07/06/2024 23:20	0.2	352	3	0.7	0.0
07/06/2024 23:30	1.0	333	6	1.2	0.0
07/06/2024 23:40	1.0	327	7	1.2	0.0
07/06/2024 23:50	0.3	343	7	1.1	0.0
08/06/2024 00:00	0.8	345	11	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 00:10	0.2	279	17	1.1	0.0
08/06/2024 00:20	0.9	255	10	1.4	0.0
08/06/2024 00:30	0.4	354	8	0.8	0.0
08/06/2024 00:40	0.3	346	5	0.8	0.0
08/06/2024 00:50	0.0	14	0	0.4	0.0
08/06/2024 01:00	0.1	21	3	0.6	0.0
08/06/2024 01:10	0.3	72	42	1.2	0.0
08/06/2024 01:20	0.4	120	14	1.2	0.0
08/06/2024 01:30	0.8	186	21	1.8	0.0
08/06/2024 01:40	0.4	236	23	1.2	0.0
08/06/2024 01:50	0.2	173	26	1.4	0.0
08/06/2024 02:00	0.1	184	13	0.7	0.0
08/06/2024 02:10	0.3	340	14	0.8	0.0
08/06/2024 02:20	0.4	262	32	1.3	0.0
08/06/2024 02:30	0.4	168	38	1.0	0.0
08/06/2024 02:40	0.7	336	15	1.2	0.0
08/06/2024 02:50	0.8	352	21	1.4	0.0
08/06/2024 03:00	0.4	177	14	1.1	0.0
08/06/2024 03:10	0.2	353	9	0.6	0.0
08/06/2024 03:20	0.2	180	8	0.8	0.0
08/06/2024 03:30	0.6	358	16	0.9	0.0
08/06/2024 03:40	0.5	181	16	1.0	0.0
08/06/2024 03:50	0.7	352	13	1.2	0.0
08/06/2024 04:00	0.7	181	14	1.1	0.0
08/06/2024 04:10	0.7	5	14	1.1	0.0
08/06/2024 04:20	0.9	7	17	1.2	0.0
08/06/2024 04:30	0.8	9	15	1.1	0.0
08/06/2024 04:40	0.8	4	19	1.2	0.0
08/06/2024 04:50	0.6	6	15	0.9	0.0
08/06/2024 05:00	0.6	354	13	1.0	0.0
08/06/2024 05:10	0.8	354	16	1.2	0.0
08/06/2024 05:20	1.0	357	19	1.3	0.0
08/06/2024 05:30	0.7	8	19	1.1	0.0
08/06/2024 05:40	0.4	16	26	1.2	0.0
08/06/2024 05:50	0.4	13	14	0.9	0.0
08/06/2024 06:00	0.4	19	19	0.8	0.0
08/06/2024 06:10	0.4	28	16	1.0	0.0
08/06/2024 06:20	0.2	36	11	0.9	0.0
08/06/2024 06:30	0.3	22	15	0.9	0.0
08/06/2024 06:40	0.2	9	12	0.7	0.0
08/06/2024 06:50	0.4	12	20	0.8	0.0
08/06/2024 07:00	0.6	4	19	0.9	0.0
08/06/2024 07:10	0.2	15	8	0.8	0.0
08/06/2024 07:20	0.1	29	7	0.6	0.0
08/06/2024 07:30	0.6	39	19	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 07:40	0.3	62	13	0.9	0.0
08/06/2024 07:50	0.7	78	17	1.2	0.0
08/06/2024 08:00	1.0	89	22	1.7	0.0
08/06/2024 08:10	1.1	97	26	2.2	0.0
08/06/2024 08:20	1.1	94	26	1.7	0.0
08/06/2024 08:30	1.4	112	33	2.2	0.0
08/06/2024 08:40	1.2	120	31	2.4	0.0
08/06/2024 08:50	1.4	119	32	2.7	0.0
08/06/2024 09:00	1.5	114	31	2.8	0.0
08/06/2024 09:10	1.7	111	30	2.8	0.0
08/06/2024 09:20	1.6	112	34	2.6	0.0
08/06/2024 09:30	1.8	99	32	2.9	0.0
08/06/2024 09:40	2.0	102	32	3.3	0.0
08/06/2024 09:50	1.8	97	31	3.4	0.0
08/06/2024 10:00	2.1	89	26	3.6	0.0
08/06/2024 10:10	1.9	90	26	3.5	0.0
08/06/2024 10:20	1.9	95	34	3.1	0.0
08/06/2024 10:30	2.1	82	27	3.5	0.0
08/06/2024 10:40	2.1	73	28	3.9	0.0
08/06/2024 10:50	2.4	54	25	4.3	0.0
08/06/2024 11:00	2.2	60	26	3.8	0.0
08/06/2024 11:10	2.5	50	25	4.4	0.0
08/06/2024 11:20	2.5	49	25	4.3	0.0
08/06/2024 11:30	2.3	69	30	3.6	0.0
08/06/2024 11:40	2.6	80	28	4.4	0.0
08/06/2024 11:50	2.7	80	26	4.2	0.0
08/06/2024 12:00	3.0	76	24	4.9	0.0
08/06/2024 12:10	2.8	82	29	5.2	0.0
08/06/2024 12:20	3.0	81	25	4.8	0.0
08/06/2024 12:30	3.1	89	27	5.0	0.0
08/06/2024 12:40	3.1	87	27	5.0	0.0
08/06/2024 12:50	2.8	70	23	5.1	0.0
08/06/2024 13:00	2.4	72	28	3.9	0.0
08/06/2024 13:10	2.8	64	24	4.7	0.0
08/06/2024 13:20	2.8	62	25	4.8	0.0
08/06/2024 13:30	2.8	63	23	4.8	0.0
08/06/2024 13:40	3.1	57	22	5.3	0.0
08/06/2024 13:50	2.8	61	23	5.1	0.0
08/06/2024 14:00	2.9	63	26	4.7	0.0
08/06/2024 14:10	2.7	62	23	4.6	0.0
08/06/2024 14:20	2.8	63	23	4.6	0.0
08/06/2024 14:30	2.8	66	21	4.5	0.0
08/06/2024 14:40	2.8	65	22	4.5	0.0
08/06/2024 14:50	2.7	68	24	4.1	0.0
08/06/2024 15:00	2.7	60	22	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 15:10	2.7	52	21	4.6	0.0
08/06/2024 15:20	2.6	56	22	4.6	0.0
08/06/2024 15:30	2.6	50	20	4.4	0.0
08/06/2024 15:40	2.4	53	23	3.9	0.0
08/06/2024 15:50	2.5	49	22	4.0	0.0
08/06/2024 16:00	2.1	50	21	3.5	0.0
08/06/2024 16:10	2.2	52	21	3.3	0.0
08/06/2024 16:20	2.2	63	22	3.6	0.0
08/06/2024 16:30	2.1	56	21	3.6	0.0
08/06/2024 16:40	2.3	41	19	3.3	0.0
08/06/2024 16:50	2.3	51	20	3.3	0.0
08/06/2024 17:00	2.1	48	20	2.9	0.0
08/06/2024 17:10	1.6	48	20	2.9	0.0
08/06/2024 17:20	1.6	50	19	2.5	0.0
08/06/2024 17:30	1.1	40	21	1.8	0.0
08/06/2024 17:40	1.1	33	16	1.6	0.0
08/06/2024 17:50	1.2	39	15	1.8	0.0
08/06/2024 18:00	1.2	33	19	2.0	0.0
08/06/2024 18:10	1.3	32	18	1.8	0.0
08/06/2024 18:20	1.1	33	16	1.6	0.0
08/06/2024 18:30	1.0	32	15	1.4	0.0
08/06/2024 18:40	1.0	30	16	1.7	0.0
08/06/2024 18:50	0.9	30	13	1.3	0.0
08/06/2024 19:00	0.9	25	11	1.2	0.0
08/06/2024 19:10	1.1	25	12	1.6	0.0
08/06/2024 19:20	1.1	25	13	1.6	0.0
08/06/2024 19:30	1.1	23	15	1.6	0.0
08/06/2024 19:40	1.1	25	13	1.6	0.0
08/06/2024 19:50	1.0	29	17	1.6	0.0
08/06/2024 20:00	0.9	30	15	1.4	0.0
08/06/2024 20:10	1.0	25	15	1.5	0.0
08/06/2024 20:20	1.1	24	13	1.6	0.0
08/06/2024 20:30	1.0	22	16	1.5	0.0
08/06/2024 20:40	1.0	21	15	1.5	0.0
08/06/2024 20:50	1.0	21	15	1.4	0.0
08/06/2024 21:00	0.7	21	20	1.2	0.0
08/06/2024 21:10	0.4	18	16	1.2	0.0
08/06/2024 21:20	0.5	21	19	1.2	0.0
08/06/2024 21:30	0.8	16	17	1.1	0.0
08/06/2024 21:40	1.1	11	15	1.6	0.0
08/06/2024 21:50	1.2	12	16	1.6	0.0
08/06/2024 22:00	1.3	12	17	1.8	0.0
08/06/2024 22:10	1.3	10	15	1.6	0.0
08/06/2024 22:20	1.2	14	18	1.6	0.0
08/06/2024 22:30	0.8	39	15	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/06/2024 22:40	0.5	187	11	0.8	0.0
08/06/2024 22:50	0.9	353	20	1.2	0.0
08/06/2024 23:00	1.1	178	22	1.5	0.0
08/06/2024 23:10	1.1	5	22	1.8	0.0
08/06/2024 23:20	1.1	4	24	1.9	0.0
08/06/2024 23:30	1.4	6	16	2.0	0.0
08/06/2024 23:40	0.8	28	13	1.2	0.0
08/06/2024 23:50	0.9	12	17	1.2	0.0
09/06/2024 00:00	1.1	179	19	1.7	0.0
09/06/2024 00:10	1.2	356	18	1.7	0.0
09/06/2024 00:20	1.3	5	14	1.6	0.0
09/06/2024 00:30	1.4	6	15	1.8	0.0
09/06/2024 00:40	1.4	6	16	2.0	0.0
09/06/2024 00:50	1.5	9	16	2.0	0.0
09/06/2024 01:00	1.2	16	15	1.6	0.0
09/06/2024 01:10	0.6	26	13	0.9	0.0
09/06/2024 01:20	1.1	182	14	1.3	0.0
09/06/2024 01:30	1.2	350	9	1.4	0.0
09/06/2024 01:40	1.1	347	11	1.6	0.0
09/06/2024 01:50	0.2	174	11	0.8	0.0
09/06/2024 02:00	0.7	342	7	1.1	0.0
09/06/2024 02:10	1.0	338	8	1.2	0.0
09/06/2024 02:20	1.1	340	12	1.3	0.0
09/06/2024 02:30	0.9	343	17	1.2	0.0
09/06/2024 02:40	0.7	178	20	1.2	0.0
09/06/2024 02:50	0.7	4	16	1.2	0.0
09/06/2024 03:00	0.7	8	18	1.2	0.0
09/06/2024 03:10	0.8	28	19	1.3	0.0
09/06/2024 03:20	0.6	28	16	1.0	0.0
09/06/2024 03:30	0.7	29	15	1.2	0.0
09/06/2024 03:40	0.9	14	17	1.6	0.0
09/06/2024 03:50	1.0	17	15	1.3	0.0
09/06/2024 04:00	0.7	24	18	1.2	0.0
09/06/2024 04:10	0.5	23	16	1.0	0.0
09/06/2024 04:20	0.8	18	18	1.2	0.0
09/06/2024 04:30	0.9	9	18	1.3	0.0
09/06/2024 04:40	1.0	10	17	1.4	0.0
09/06/2024 04:50	0.8	28	19	1.2	0.0
09/06/2024 05:00	0.9	22	10	1.4	0.0
09/06/2024 05:10	0.9	26	13	1.2	0.0
09/06/2024 05:20	0.5	14	12	0.9	0.0
09/06/2024 05:30	0.6	182	17	1.1	0.0
09/06/2024 05:40	0.7	23	11	1.0	0.0
09/06/2024 05:50	0.8	29	14	1.2	0.0
09/06/2024 06:00	0.9	30	13	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 06:10	0.7	40	17	1.2	0.0
09/06/2024 06:20	0.8	43	13	1.5	0.0
09/06/2024 06:30	1.0	44	17	1.6	0.0
09/06/2024 06:40	0.8	43	22	1.3	0.0
09/06/2024 06:50	0.7	54	24	1.3	0.0
09/06/2024 07:00	0.8	47	29	1.4	0.0
09/06/2024 07:10	0.7	59	21	1.6	0.0
09/06/2024 07:20	0.2	51	22	0.8	0.0
09/06/2024 07:30	0.2	50	12	0.7	0.0
09/06/2024 07:40	0.3	44	14	1.0	0.0
09/06/2024 07:50	0.3	76	16	0.9	0.0
09/06/2024 08:00	0.3	55	14	1.2	0.0
09/06/2024 08:10	0.5	56	24	1.1	0.0
09/06/2024 08:20	0.9	104	29	2.3	0.0
09/06/2024 08:30	1.5	115	31	2.5	0.0
09/06/2024 08:40	1.7	99	27	2.5	0.0
09/06/2024 08:50	1.9	111	26	2.9	0.0
09/06/2024 09:00	1.6	104	35	2.5	0.0
09/06/2024 09:10	1.7	107	30	3.2	0.0
09/06/2024 09:20	1.9	111	25	3.1	0.0
09/06/2024 09:30	2.0	99	26	3.2	0.0
09/06/2024 09:40	2.0	105	30	3.3	0.0
09/06/2024 09:50	1.9	105	30	2.9	0.0
09/06/2024 10:00	2.1	103	27	3.2	0.0
09/06/2024 10:10	1.7	110	31	2.7	0.0
09/06/2024 10:20	1.7	98	29	2.7	0.0
09/06/2024 10:30	1.7	98	30	3.1	0.0
09/06/2024 10:40	1.9	103	24	3.3	0.0
09/06/2024 10:50	2.0	105	27	3.2	0.0
09/06/2024 11:00	2.1	92	30	3.6	0.0
09/06/2024 11:10	2.4	82	21	3.8	0.0
09/06/2024 11:20	2.4	79	25	3.8	0.0
09/06/2024 11:30	2.3	76	28	3.7	0.0
09/06/2024 11:40	2.0	94	30	3.8	0.0
09/06/2024 11:50	2.2	67	28	3.2	0.0
09/06/2024 12:00	2.3	67	27	3.9	0.0
09/06/2024 12:10	2.3	63	24	4.0	0.0
09/06/2024 12:20	2.6	56	26	4.0	0.0
09/06/2024 12:30	2.2	85	25	3.7	0.0
09/06/2024 12:40	2.0	77	29	3.5	0.0
09/06/2024 12:50	2.2	86	30	3.8	0.0
09/06/2024 13:00	2.4	94	32	3.9	0.0
09/06/2024 13:10	2.4	90	24	3.6	0.0
09/06/2024 13:20	2.7	89	25	4.5	0.0
09/06/2024 13:30	2.5	84	24	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 13:40	2.1	77	31	3.5	0.0
09/06/2024 13:50	2.1	67	23	3.7	0.0
09/06/2024 14:00	2.1	76	27	3.7	0.0
09/06/2024 14:10	2.3	60	21	3.7	0.0
09/06/2024 14:20	2.5	67	22	3.7	0.0
09/06/2024 14:30	2.4	65	25	3.8	0.0
09/06/2024 14:40	2.4	64	22	3.7	0.0
09/06/2024 14:50	2.3	62	25	3.6	0.0
09/06/2024 15:00	2.5	63	22	3.7	0.0
09/06/2024 15:10	2.4	61	22	3.7	0.0
09/06/2024 15:20	2.3	61	24	3.7	0.0
09/06/2024 15:30	2.1	59	21	3.1	0.0
09/06/2024 15:40	2.3	54	19	3.5	0.0
09/06/2024 15:50	2.3	63	22	3.8	0.0
09/06/2024 16:00	2.0	60	22	3.4	0.0
09/06/2024 16:10	2.0	65	22	3.0	0.0
09/06/2024 16:20	2.4	56	20	3.8	0.0
09/06/2024 16:30	2.1	60	20	3.3	0.0
09/06/2024 16:40	1.9	63	20	3.0	0.0
09/06/2024 16:50	2.0	62	22	3.5	0.0
09/06/2024 17:00	1.9	57	19	3.1	0.0
09/06/2024 17:10	1.6	61	25	2.8	0.0
09/06/2024 17:20	1.6	50	22	2.9	0.0
09/06/2024 17:30	1.8	44	19	2.7	0.0
09/06/2024 17:40	1.8	45	19	2.6	0.0
09/06/2024 17:50	1.5	44	18	2.2	0.0
09/06/2024 18:00	1.3	40	21	2.0	0.0
09/06/2024 18:10	1.3	40	18	2.0	0.0
09/06/2024 18:20	1.4	43	18	2.1	0.0
09/06/2024 18:30	1.1	40	18	1.6	0.0
09/06/2024 18:40	1.2	40	18	1.8	0.0
09/06/2024 18:50	1.3	36	19	2.0	0.0
09/06/2024 19:00	1.2	31	17	1.8	0.0
09/06/2024 19:10	1.2	32	20	1.8	0.0
09/06/2024 19:20	1.2	30	20	1.6	0.0
09/06/2024 19:30	1.2	28	19	1.7	0.0
09/06/2024 19:40	1.2	30	20	1.6	0.0
09/06/2024 19:50	1.2	23	14	1.6	0.0
09/06/2024 20:00	1.1	16	16	1.6	0.0
09/06/2024 20:10	0.1	33	10	1.1	0.0
09/06/2024 20:20	0.4	284	5	0.8	0.0
09/06/2024 20:30	0.3	172	8	1.1	0.0
09/06/2024 20:40	0.4	346	11	1.0	0.0
09/06/2024 20:50	0.1	351	5	0.7	0.0
09/06/2024 21:00	0.5	15	11	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/06/2024 21:10	0.1	15	3	0.4	0.0
09/06/2024 21:20					0.0
09/06/2024 21:30	0.1	359	5	0.4	0.0
09/06/2024 21:40	0.1	180	7	0.7	0.0
09/06/2024 21:50	0.0	0	5	0.4	0.0
09/06/2024 22:00					0.0
09/06/2024 22:10					0.0
09/06/2024 22:20	0.0	340	0	0.4	0.0
09/06/2024 22:30					0.0
09/06/2024 22:40					0.0
09/06/2024 22:50					0.0
09/06/2024 23:00	0.8	340	6	1.2	0.0
09/06/2024 23:10	0.9	339	8	1.1	0.0
09/06/2024 23:20	0.8	345	10	1.1	0.0
09/06/2024 23:30	0.5	5	13	0.9	0.0
09/06/2024 23:40	0.7	183	24	1.2	0.0
09/06/2024 23:50	0.7	353	17	1.2	0.0
10/06/2024 00:00	1.3	344	8	1.4	0.0
10/06/2024 00:10	1.3	335	5	1.6	0.0
10/06/2024 00:20	1.1	334	8	1.3	0.0
10/06/2024 00:30	0.4	341	9	0.8	0.0
10/06/2024 00:40	0.8	335	9	1.1	0.0
10/06/2024 00:50	0.1	178	12	0.8	0.0
10/06/2024 01:00	0.0	46	0	0.4	0.0
10/06/2024 01:10	1.0	323	5	1.6	0.0
10/06/2024 01:20	0.6	195	12	1.2	0.0
10/06/2024 01:30	0.5	339	9	1.3	0.0
10/06/2024 01:40	0.9	345	12	1.2	0.0
10/06/2024 01:50	0.9	337	11	1.1	0.0
10/06/2024 02:00	1.0	341	8	1.2	0.0
10/06/2024 02:10	1.1	333	8	1.2	0.0
10/06/2024 02:20	1.1	335	10	1.3	0.0
10/06/2024 02:30	0.5	345	11	0.9	0.0
10/06/2024 02:40	0.8	346	10	1.5	0.0
10/06/2024 02:50	1.0	340	11	1.3	0.0
10/06/2024 03:00	0.1	354	1	0.9	0.0
10/06/2024 03:10	1.0	352	15	1.2	0.0
10/06/2024 03:20	0.7	342	9	1.0	0.0
10/06/2024 03:30	0.0	142	0	0.4	0.0
10/06/2024 03:40	0.5	348	14	0.9	0.0
10/06/2024 03:50	0.2	184	14	0.7	0.0
10/06/2024 04:00	0.4	179	12	0.9	0.0
10/06/2024 04:10	0.1	350	2	0.9	0.0
10/06/2024 04:20	0.9	339	7	1.2	0.0
10/06/2024 04:30	0.9	331	9	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 04:40	0.9	330	10	1.1	0.0
10/06/2024 04:50	0.8	331	11	1.1	0.0
10/06/2024 05:00	0.6	176	13	1.0	0.0
10/06/2024 05:10	0.8	345	13	1.2	0.0
10/06/2024 05:20	0.9	179	17	1.3	0.0
10/06/2024 05:30	0.7	352	18	1.2	0.0
10/06/2024 05:40	0.9	179	16	1.4	0.0
10/06/2024 05:50	0.9	11	18	1.2	0.0
10/06/2024 06:00	0.5	33	13	1.2	0.0
10/06/2024 06:10	0.3	31	11	1.2	0.0
10/06/2024 06:20	0.4	31	14	1.0	0.0
10/06/2024 06:30	0.5	24	13	0.9	0.0
10/06/2024 06:40	0.7	19	15	1.2	0.0
10/06/2024 06:50	0.6	16	13	1.2	0.0
10/06/2024 07:00	1.0	12	18	1.4	0.0
10/06/2024 07:10	0.9	11	17	1.5	0.0
10/06/2024 07:20	0.9	8	16	1.4	0.0
10/06/2024 07:30	0.7	182	14	1.0	0.0
10/06/2024 07:40	0.4	8	13	1.1	0.0
10/06/2024 07:50	0.2	6	6	0.6	0.0
10/06/2024 08:00	0.4	47	13	1.1	0.0
10/06/2024 08:10	0.6	68	22	1.2	0.0
10/06/2024 08:20	0.5	64	20	1.3	0.0
10/06/2024 08:30	0.8	84	19	1.8	0.0
10/06/2024 08:40	1.2	91	24	1.9	0.0
10/06/2024 08:50	1.1	95	31	1.6	0.0
10/06/2024 09:00	1.1	92	23	1.7	0.0
10/06/2024 09:10	1.2	96	29	1.6	0.0
10/06/2024 09:20	1.2	97	31	2.0	0.0
10/06/2024 09:30	1.1	138	30	1.7	0.0
10/06/2024 09:40	1.2	103	33	2.1	0.0
10/06/2024 09:50	1.3	123	34	2.0	0.0
10/06/2024 10:00	1.2	116	39	2.0	0.0
10/06/2024 10:10	1.3	129	35	2.4	0.0
10/06/2024 10:20	1.6	142	30	2.7	0.0
10/06/2024 10:30	1.5	133	29	2.4	0.0
10/06/2024 10:40	1.6	140	34	2.7	0.0
10/06/2024 10:50	1.4	141	31	2.4	0.0
10/06/2024 11:00	1.4	131	31	2.4	0.0
10/06/2024 11:10	1.4	121	30	2.4	0.0
10/06/2024 11:20	1.5	119	32	2.3	0.0
10/06/2024 11:30	1.4	116	38	2.4	0.0
10/06/2024 11:40	1.3	100	46	2.8	0.0
10/06/2024 11:50	1.2	109	40	2.2	0.0
10/06/2024 12:00	1.2	101	51	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 12:10	1.4	116	33	2.8	0.0
10/06/2024 12:20	1.2	76	57	2.2	0.0
10/06/2024 12:30	1.2	83	36	2.4	0.0
10/06/2024 12:40	1.5	99	35	2.4	0.0
10/06/2024 12:50	1.5	70	34	2.7	0.0
10/06/2024 13:00	1.6	59	23	2.5	0.0
10/06/2024 13:10	1.6	49	25	3.1	0.0
10/06/2024 13:20	1.6	55	23	2.8	0.0
10/06/2024 13:30	1.7	63	24	2.8	0.0
10/06/2024 13:40	1.8	62	25	3.1	0.0
10/06/2024 13:50	1.8	65	25	2.8	0.0
10/06/2024 14:00	1.7	53	28	2.8	0.0
10/06/2024 14:10	1.8	49	25	3.0	0.0
10/06/2024 14:20	1.8	63	28	2.8	0.0
10/06/2024 14:30	1.7	73	23	2.4	0.0
10/06/2024 14:40	1.7	66	24	2.8	0.0
10/06/2024 14:50	1.8	60	21	2.8	0.0
10/06/2024 15:00	1.7	46	29	3.2	0.0
10/06/2024 15:10	1.9	54	26	2.9	0.0
10/06/2024 15:20	1.8	68	24	2.9	0.0
10/06/2024 15:30	1.8	62	24	2.8	0.0
10/06/2024 15:40	1.8	63	20	3.5	0.0
10/06/2024 15:50	1.9	68	20	3.0	0.0
10/06/2024 16:00	1.7	69	23	2.7	0.0
10/06/2024 16:10	1.8	67	24	2.8	0.0
10/06/2024 16:20	1.6	65	20	2.4	0.0
10/06/2024 16:30	1.7	52	19	2.8	0.0
10/06/2024 16:40	2.1	48	20	3.5	0.0
10/06/2024 16:50	1.7	55	18	2.6	0.0
10/06/2024 17:00	1.3	48	15	2.1	0.0
10/06/2024 17:10	1.6	47	14	2.4	0.0
10/06/2024 17:20	1.1	50	12	1.4	0.0
10/06/2024 17:30	0.9	53	11	1.5	0.0
10/06/2024 17:40	1.3	43	18	2.2	0.0
10/06/2024 17:50	1.4	16	33	2.7	0.0
10/06/2024 18:00	1.4	171	25	2.4	0.0
10/06/2024 18:10	1.2	329	21	2.0	0.0
10/06/2024 18:20	1.0	326	23	1.9	0.0
10/06/2024 18:30	1.2	325	23	1.7	0.0
10/06/2024 18:40	1.0	341	23	1.9	0.0
10/06/2024 18:50	1.2	174	28	2.0	0.0
10/06/2024 19:00	1.5	345	21	2.1	0.0
10/06/2024 19:10	1.6	343	19	2.4	0.0
10/06/2024 19:20	1.5	347	27	2.3	0.0
10/06/2024 19:30	1.4	350	24	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 19:40	1.7	345	22	2.6	0.0
10/06/2024 19:50	1.8	346	20	2.6	0.0
10/06/2024 20:00	1.4	347	22	2.1	0.0
10/06/2024 20:10	0.3	198	21	1.1	0.0
10/06/2024 20:20					0.0
10/06/2024 20:30					0.0
10/06/2024 20:40					0.0
10/06/2024 20:50	0.2	348	12	0.8	0.0
10/06/2024 21:00	0.5	350	14	1.2	0.0
10/06/2024 21:10	0.4	354	16	0.9	0.0
10/06/2024 21:20	0.4	30	7	1.4	0.0
10/06/2024 21:30	1.0	35	12	1.5	0.0
10/06/2024 21:40	0.8	41	8	1.0	0.0
10/06/2024 21:50	0.5	171	14	1.2	0.0
10/06/2024 22:00	0.1	175	7	0.6	0.0
10/06/2024 22:10					0.0
10/06/2024 22:20	0.5	250	7	0.9	0.0
10/06/2024 22:30					0.0
10/06/2024 22:40	0.2	323	10	0.8	0.0
10/06/2024 22:50	0.8	334	8	1.0	0.0
10/06/2024 23:00	0.4	347	10	0.8	0.0
10/06/2024 23:10	0.7	351	11	1.2	0.0
10/06/2024 23:20	0.9	339	9	1.2	0.0
10/06/2024 23:30	1.0	339	7	1.2	0.0
10/06/2024 23:40	0.7	344	10	1.0	0.0
10/06/2024 23:50	0.4	349	7	0.8	0.0
11/06/2024 00:00	0.3	357	10	0.8	0.0
11/06/2024 00:10	0.2	357	9	0.8	0.0
11/06/2024 00:20					0.0
11/06/2024 00:30	0.7	341	7	1.1	0.0
11/06/2024 00:40	0.6	344	8	0.8	0.0
11/06/2024 00:50	0.6	344	7	0.8	0.0
11/06/2024 01:00	0.1	347	2	0.8	0.0
11/06/2024 01:10	0.8	346	11	1.1	0.0
11/06/2024 01:20	0.8	344	12	1.2	0.0
11/06/2024 01:30	0.7	346	11	1.1	0.0
11/06/2024 01:40	0.2	352	14	0.9	0.0
11/06/2024 01:50					0.0
11/06/2024 02:00	0.5	183	15	0.9	0.0
11/06/2024 02:10	0.8	178	14	1.2	0.0
11/06/2024 02:20	0.3	181	12	0.8	0.0
11/06/2024 02:30	0.2	180	10	0.8	0.0
11/06/2024 02:40					0.0
11/06/2024 02:50					0.0
11/06/2024 03:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 03:10	0.4	340	7	0.8	0.0
11/06/2024 03:20	0.5	340	7	1.0	0.0
11/06/2024 03:30	0.9	343	9	1.2	0.0
11/06/2024 03:40	0.9	341	12	1.2	0.0
11/06/2024 03:50	0.9	339	10	1.1	0.0
11/06/2024 04:00	0.8	347	17	1.2	0.0
11/06/2024 04:10	0.7	344	15	1.1	0.0
11/06/2024 04:20	0.5	351	13	1.1	0.0
11/06/2024 04:30	0.8	350	14	1.2	0.0
11/06/2024 04:40	0.4	344	11	1.0	0.0
11/06/2024 04:50	0.8	349	17	1.2	0.0
11/06/2024 05:00	0.9	348	18	1.2	0.0
11/06/2024 05:10	0.9	4	15	1.1	0.0
11/06/2024 05:20	0.9	349	17	1.4	0.0
11/06/2024 05:30	0.8	350	15	1.2	0.0
11/06/2024 05:40	1.0	346	15	1.3	0.0
11/06/2024 05:50	1.0	178	14	1.4	0.0
11/06/2024 06:00	1.0	350	15	1.4	0.0
11/06/2024 06:10	1.0	350	15	1.3	0.0
11/06/2024 06:20	1.0	0	15	1.2	0.0
11/06/2024 06:30	1.0	345	12	1.3	0.0
11/06/2024 06:40	1.0	340	12	1.3	0.0
11/06/2024 06:50	1.1	343	11	1.4	0.0
11/06/2024 07:00	1.2	345	12	1.6	0.0
11/06/2024 07:10	1.2	178	16	1.6	0.0
11/06/2024 07:20	1.2	339	13	1.6	0.0
11/06/2024 07:30	0.6	348	13	1.2	0.0
11/06/2024 07:40	0.9	344	7	1.2	0.0
11/06/2024 07:50	0.7	351	12	1.0	0.0
11/06/2024 08:00	0.4	348	6	0.8	0.0
11/06/2024 08:10					0.0
11/06/2024 08:20	0.3	75	13	1.0	0.0
11/06/2024 08:30	0.2	88	15	1.0	0.0
11/06/2024 08:40	0.2	98	14	0.7	0.0
11/06/2024 08:50	0.2	77	14	1.0	0.0
11/06/2024 09:00	0.7	87	23	1.2	0.0
11/06/2024 09:10	1.1	85	15	1.6	0.0
11/06/2024 09:20	0.8	81	27	1.3	0.0
11/06/2024 09:30	1.1	113	27	2.0	0.0
11/06/2024 09:40	1.2	115	28	2.0	0.0
11/06/2024 09:50	1.3	126	29	2.1	0.0
11/06/2024 10:00	1.4	126	33	2.5	0.0
11/06/2024 10:10	1.4	126	29	2.4	0.0
11/06/2024 10:20	1.5	129	32	2.4	0.0
11/06/2024 10:30	1.4	124	30	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 10:40	1.3	110	35	2.1	0.0
11/06/2024 10:50	1.5	107	30	2.5	0.0
11/06/2024 11:00	1.4	95	34	2.1	0.0
11/06/2024 11:10	1.4	83	33	2.6	0.0
11/06/2024 11:20	1.4	100	32	2.4	0.0
11/06/2024 11:30	1.4	113	33	2.5	0.0
11/06/2024 11:40	1.6	106	27	2.4	0.0
11/06/2024 11:50	1.7	82	29	2.7	0.0
11/06/2024 12:00	1.7	92	28	2.9	0.0
11/06/2024 12:10	1.7	65	25	2.7	0.0
11/06/2024 12:20	1.9	52	27	2.8	0.0
11/06/2024 12:30	1.8	47	25	2.8	0.0
11/06/2024 12:40	1.7	43	27	2.8	0.0
11/06/2024 12:50	1.6	68	30	2.5	0.0
11/06/2024 13:00	1.7	55	30	2.8	0.0
11/06/2024 13:10	1.8	48	28	3.2	0.0
11/06/2024 13:20	2.1	55	20	3.2	0.0
11/06/2024 13:30	2.2	47	23	3.1	0.0
11/06/2024 13:40	2.0	56	23	3.4	0.0
11/06/2024 13:50	2.2	51	26	3.2	0.0
11/06/2024 14:00	2.1	46	24	3.3	0.0
11/06/2024 14:10	2.0	53	25	3.3	0.0
11/06/2024 14:20	2.2	54	17	3.4	0.0
11/06/2024 14:30	2.0	58	24	3.5	0.0
11/06/2024 14:40	2.3	50	24	3.5	0.0
11/06/2024 14:50	1.9	60	25	3.2	0.0
11/06/2024 15:00	1.9	59	23	3.3	0.0
11/06/2024 15:10	1.9	56	22	3.2	0.0
11/06/2024 15:20	2.0	59	19	3.8	0.0
11/06/2024 15:30	2.1	53	20	3.5	0.0
11/06/2024 15:40	2.0	60	23	3.4	0.0
11/06/2024 15:50	2.0	56	23	3.3	0.0
11/06/2024 16:00	1.9	58	24	3.4	0.0
11/06/2024 16:10	2.1	55	22	3.4	0.0
11/06/2024 16:20	2.1	52	19	3.2	0.0
11/06/2024 16:30	1.9	53	19	3.1	0.0
11/06/2024 16:40	2.0	47	20	3.3	0.0
11/06/2024 16:50	1.9	51	15	3.2	0.0
11/06/2024 17:00	1.9	52	17	3.2	0.0
11/06/2024 17:10	1.6	51	13	2.6	0.0
11/06/2024 17:20	1.5	47	16	2.2	0.0
11/06/2024 17:30	1.5	41	16	2.2	0.0
11/06/2024 17:40	1.1	46	13	2.0	0.0
11/06/2024 17:50	0.9	49	16	1.2	0.0
11/06/2024 18:00	1.3	36	20	2.1	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 18:10	1.5	39	21	2.4	0.0
11/06/2024 18:20	1.3	44	19	2.0	0.0
11/06/2024 18:30	1.3	52	17	2.1	0.0
11/06/2024 18:40	0.8	54	26	1.2	0.0
11/06/2024 18:50	0.3	234	15	0.8	0.0
11/06/2024 19:00	0.4	220	9	0.8	0.0
11/06/2024 19:10	0.1	181	9	0.8	0.0
11/06/2024 19:20	0.3	240	5	1.1	0.0
11/06/2024 19:30	0.4	229	13	1.1	0.0
11/06/2024 19:40	0.1	42	1	0.9	0.0
11/06/2024 19:50	0.7	51	19	1.1	0.0
11/06/2024 20:00	0.3	38	12	0.7	0.0
11/06/2024 20:10	0.2	10	10	0.6	0.0
11/06/2024 20:20	0.4	29	8	0.9	0.0
11/06/2024 20:30	0.6	30	13	0.9	0.0
11/06/2024 20:40	0.3	25	13	0.7	0.0
11/06/2024 20:50	0.6	39	10	1.2	0.0
11/06/2024 21:00	0.7	39	15	1.2	0.0
11/06/2024 21:10	0.7	21	15	1.5	0.0
11/06/2024 21:20	0.0	26	4	0.4	0.0
11/06/2024 21:30					0.0
11/06/2024 21:40					0.0
11/06/2024 21:50	0.1	327	3	0.6	0.0
11/06/2024 22:00					0.0
11/06/2024 22:10					0.0
11/06/2024 22:20	0.2	345	2	0.8	0.0
11/06/2024 22:30	0.3	349	6	0.8	0.0
11/06/2024 22:40	0.7	348	15	1.1	0.0
11/06/2024 22:50	0.9	340	9	1.4	0.0
11/06/2024 23:00	1.1	338	9	1.5	0.0
11/06/2024 23:10	0.7	341	11	1.1	0.0
11/06/2024 23:20	0.8	348	13	1.1	0.0
11/06/2024 23:30	0.8	344	11	1.1	0.0
11/06/2024 23:40	0.9	346	14	1.2	0.0
11/06/2024 23:50	0.8	350	11	1.1	0.0
12/06/2024 00:00	0.9	175	10	1.3	0.0
12/06/2024 00:10	0.8	342	11	1.2	0.0
12/06/2024 00:20	0.6	346	12	1.1	0.0
12/06/2024 00:30	0.6	343	9	1.1	0.0
12/06/2024 00:40	0.8	344	12	1.2	0.0
12/06/2024 00:50	0.7	341	11	1.5	0.0
12/06/2024 01:00	1.2	339	14	1.6	0.0
12/06/2024 01:10	0.2	296	7	0.7	0.0
12/06/2024 01:20	0.9	343	8	1.4	0.0
12/06/2024 01:30	0.8	329	10	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 01:40					0.0
12/06/2024 01:50	0.7	331	13	1.2	0.0
12/06/2024 02:00	1.0	332	6	1.4	0.0
12/06/2024 02:10	0.4	338	10	0.9	0.0
12/06/2024 02:20					0.0
12/06/2024 02:30	0.5	329	7	1.0	0.0
12/06/2024 02:40	0.5	330	5	0.8	0.0
12/06/2024 02:50	0.5	318	11	0.9	0.0
12/06/2024 03:00	0.1	312	5	0.4	0.0
12/06/2024 03:10					0.0
12/06/2024 03:20	0.2	345	6	0.7	0.0
12/06/2024 03:30	0.4	348	8	1.0	0.0
12/06/2024 03:40	0.0	331	1	0.6	0.0
12/06/2024 03:50	0.7	350	12	1.0	0.0
12/06/2024 04:00	0.5	345	10	0.9	0.0
12/06/2024 04:10	0.8	345	10	1.2	0.0
12/06/2024 04:20	0.1	352	5	0.7	0.0
12/06/2024 04:30	0.1	3	9	1.1	0.0
12/06/2024 04:40					0.0
12/06/2024 04:50	0.7	327	9	1.1	0.0
12/06/2024 05:00	0.9	348	12	1.2	0.0
12/06/2024 05:10	0.3	343	9	0.8	0.0
12/06/2024 05:20	0.6	348	10	1.1	0.0
12/06/2024 05:30	0.6	346	10	1.1	0.0
12/06/2024 05:40	0.6	320	25	1.2	0.0
12/06/2024 05:50	1.0	265	18	1.6	0.0
12/06/2024 06:00	0.1	322	14	0.6	0.0
12/06/2024 06:10	0.5	330	28	1.0	0.0
12/06/2024 06:20	0.4	346	11	1.2	0.0
12/06/2024 06:30	0.2	177	12	0.9	0.0
12/06/2024 06:40	0.8	348	12	1.3	0.0
12/06/2024 06:50	0.2	179	12	0.7	0.0
12/06/2024 07:00	0.4	174	9	0.9	0.0
12/06/2024 07:10	0.7	286	21	1.2	0.0
12/06/2024 07:20	0.6	253	13	1.4	0.0
12/06/2024 07:30	1.0	263	20	1.7	0.0
12/06/2024 07:40	0.9	259	15	1.6	0.0
12/06/2024 07:50	1.2	254	18	1.9	0.0
12/06/2024 08:00	1.2	247	26	2.0	0.0
12/06/2024 08:10	1.2	231	20	1.9	0.0
12/06/2024 08:20	1.1	230	25	1.8	0.0
12/06/2024 08:30	0.8	142	26	1.5	0.0
12/06/2024 08:40	1.3	125	27	2.0	0.0
12/06/2024 08:50	1.0	143	29	2.0	0.0
12/06/2024 09:00	1.0	144	28	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 09:10	1.4	151	25	2.4	0.0
12/06/2024 09:20	1.7	161	28	2.4	0.0
12/06/2024 09:30	1.7	142	25	2.8	0.0
12/06/2024 09:40	1.6	155	29	2.5	0.0
12/06/2024 09:50	1.6	115	23	2.7	0.0
12/06/2024 10:00	1.5	118	33	2.5	0.0
12/06/2024 10:10	1.4	137	27	2.2	0.0
12/06/2024 10:20	1.3	122	33	2.0	0.0
12/06/2024 10:30	1.4	101	28	2.4	0.0
12/06/2024 10:40	1.3	118	30	2.1	0.0
12/06/2024 10:50	0.9	107	39	2.0	0.0
12/06/2024 11:00	1.3	116	39	2.2	0.0
12/06/2024 11:10	1.3	125	40	2.4	0.0
12/06/2024 11:20	1.5	100	34	2.6	0.0
12/06/2024 11:30	1.7	113	29	2.4	0.0
12/06/2024 11:40	1.7	116	34	2.9	0.0
12/06/2024 11:50	1.6	90	27	2.7	0.0
12/06/2024 12:00	1.6	84	32	2.5	0.0
12/06/2024 12:10	1.5	51	26	2.2	0.0
12/06/2024 12:20	1.2	84	40	2.0	0.0
12/06/2024 12:30	1.4	47	27	2.6	0.0
12/06/2024 12:40	1.4	55	23	2.4	0.0
12/06/2024 12:50	1.6	60	22	2.6	0.0
12/06/2024 13:00	1.6	65	26	2.4	0.0
12/06/2024 13:10	1.7	65	22	2.9	0.0
12/06/2024 13:20	1.7	68	25	2.7	0.0
12/06/2024 13:30	1.7	71	24	2.4	0.0
12/06/2024 13:40	2.0	61	23	3.2	0.0
12/06/2024 13:50	2.0	63	24	3.2	0.0
12/06/2024 14:00	1.9	67	23	3.2	0.0
12/06/2024 14:10	2.0	72	20	2.8	0.0
12/06/2024 14:20	1.9	72	23	2.8	0.0
12/06/2024 14:30	2.1	72	21	3.1	0.0
12/06/2024 14:40	2.0	67	24	3.3	0.0
12/06/2024 14:50	2.1	63	24	3.2	0.0
12/06/2024 15:00	2.3	49	22	3.5	0.0
12/06/2024 15:10	2.3	56	21	3.6	0.0
12/06/2024 15:20	2.3	55	20	3.5	0.0
12/06/2024 15:30	2.2	57	21	3.6	0.0
12/06/2024 15:40	1.9	45	22	3.2	0.0
12/06/2024 15:50	1.8	39	20	2.8	0.0
12/06/2024 16:00	2.1	49	17	3.2	0.0
12/06/2024 16:10	2.0	55	21	3.1	0.0
12/06/2024 16:20	1.8	50	18	2.6	0.0
12/06/2024 16:30	1.9	49	17	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 16:40	1.7	48	17	2.6	0.0
12/06/2024 16:50	1.4	43	16	2.0	0.0
12/06/2024 17:00	1.3	34	20	2.0	0.0
12/06/2024 17:10	1.2	36	16	1.6	0.0
12/06/2024 17:20	1.3	25	14	1.9	0.0
12/06/2024 17:30	1.3	21	18	2.0	0.0
12/06/2024 17:40	1.5	23	15	2.1	0.0
12/06/2024 17:50	1.5	24	18	2.2	0.0
12/06/2024 18:00	1.6	18	21	2.8	0.0
12/06/2024 18:10	1.5	19	18	2.4	0.0
12/06/2024 18:20	1.0	20	20	1.6	0.0
12/06/2024 18:30	1.6	18	17	2.3	0.0
12/06/2024 18:40	1.0	186	25	1.6	0.0
12/06/2024 18:50	0.3	134	21	0.8	0.0
12/06/2024 19:00	0.9	351	22	1.7	0.0
12/06/2024 19:10	0.8	347	22	1.5	0.0
12/06/2024 19:20	0.2	231	26	1.1	0.0
12/06/2024 19:30	1.1	355	24	1.6	0.0
12/06/2024 19:40	0.6	252	15	1.0	0.0
12/06/2024 19:50	0.2	272	25	0.8	0.0
12/06/2024 20:00	0.3	311	19	0.9	0.0
12/06/2024 20:10	0.0	186	5	0.5	0.0
12/06/2024 20:20					0.0
12/06/2024 20:30	0.2	217	7	0.9	0.0
12/06/2024 20:40					0.0
12/06/2024 20:50	0.2	71	12	0.6	0.0
12/06/2024 21:00	1.3	15	32	2.0	0.0
12/06/2024 21:10	1.9	343	19	2.9	0.0
12/06/2024 21:20	0.9	307	42	1.9	0.0
12/06/2024 21:30	1.7	251	13	2.6	0.0
12/06/2024 21:40	0.3	281	8	1.0	0.0
12/06/2024 21:50	1.1	239	16	1.6	0.0
12/06/2024 22:00	1.4	261	12	2.1	0.0
12/06/2024 22:10	1.0	260	14	1.6	0.0
12/06/2024 22:20	1.1	256	18	1.8	0.0
12/06/2024 22:30	1.8	258	13	2.3	0.0
12/06/2024 22:40	2.0	258	12	3.0	0.0
12/06/2024 22:50	2.4	258	14	3.2	0.0
12/06/2024 23:00	2.5	264	13	3.3	0.0
12/06/2024 23:10	2.1	264	15	3.0	0.0
12/06/2024 23:20	1.9	271	16	2.8	0.0
12/06/2024 23:30	2.3	266	15	3.2	0.0
12/06/2024 23:40	2.1	270	16	2.8	0.0
12/06/2024 23:50	2.1	262	15	2.8	0.0
13/06/2024 00:00	2.4	252	12	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 00:10	1.9	272	16	3.0	0.0
13/06/2024 00:20	2.1	273	16	2.8	0.0
13/06/2024 00:30	2.3	266	20	3.2	0.0
13/06/2024 00:40	2.3	261	16	3.4	0.0
13/06/2024 00:50	2.2	259	14	3.0	0.0
13/06/2024 01:00	2.2	263	16	3.0	0.0
13/06/2024 01:10	1.8	261	17	2.7	0.0
13/06/2024 01:20	1.9	268	16	2.9	0.0
13/06/2024 01:30	2.2	269	16	3.1	0.0
13/06/2024 01:40	2.0	271	19	2.6	0.0
13/06/2024 01:50	2.0	271	16	3.1	0.0
13/06/2024 02:00	2.1	270	18	2.8	0.0
13/06/2024 02:10	2.0	270	17	2.7	0.0
13/06/2024 02:20	1.9	272	16	2.8	0.0
13/06/2024 02:30	1.9	270	15	2.7	0.0
13/06/2024 02:40	1.6	277	16	2.4	0.0
13/06/2024 02:50	2.0	263	11	2.7	0.0
13/06/2024 03:00	1.8	283	14	2.8	0.0
13/06/2024 03:10	1.5	286	21	2.4	0.0
13/06/2024 03:20	1.7	259	17	2.6	0.0
13/06/2024 03:30	1.6	262	16	2.4	0.0
13/06/2024 03:40	0.9	161	39	1.5	0.0
13/06/2024 03:50	0.2	49	6	0.8	0.0
13/06/2024 04:00	0.9	255	10	1.6	0.0
13/06/2024 04:10	0.5	158	32	1.1	0.0
13/06/2024 04:20	0.5	323	10	1.4	0.0
13/06/2024 04:30	0.0	309	10	0.6	0.0
13/06/2024 04:40	0.8	268	24	1.2	0.0
13/06/2024 04:50	0.0	181	1	0.5	0.0
13/06/2024 05:00	0.0	226	1	0.4	0.0
13/06/2024 05:10					0.0
13/06/2024 05:20	0.1	85	8	0.8	0.0
13/06/2024 05:30	0.2	50	8	0.8	0.0
13/06/2024 05:40	0.0	3	2	0.4	0.0
13/06/2024 05:50	0.2	39	8	0.6	0.0
13/06/2024 06:00	0.0	13	0	0.4	0.0
13/06/2024 06:10	0.5	360	12	0.8	0.0
13/06/2024 06:20	0.1	181	7	0.5	0.0
13/06/2024 06:30	0.5	328	7	0.8	0.0
13/06/2024 06:40	0.2	7	17	0.8	0.0
13/06/2024 06:50	0.5	355	11	1.0	0.0
13/06/2024 07:00	0.4	343	10	1.1	0.0
13/06/2024 07:10	0.1	13	2	0.8	0.0
13/06/2024 07:20	0.4	179	7	0.9	0.0
13/06/2024 07:30	0.5	343	12	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 07:40	0.9	348	15	1.4	0.0
13/06/2024 07:50	0.4	355	12	0.6	0.0
13/06/2024 08:00					0.0
13/06/2024 08:10	0.0	63	1	0.5	0.0
13/06/2024 08:20	0.1	325	12	0.8	0.0
13/06/2024 08:30	0.4	49	12	0.8	0.0
13/06/2024 08:40	0.3	80	14	1.0	0.0
13/06/2024 08:50	0.4	76	18	0.9	0.0
13/06/2024 09:00	0.3	63	22	1.0	0.0
13/06/2024 09:10	0.6	79	20	1.1	0.0
13/06/2024 09:20	0.6	61	24	1.2	0.0
13/06/2024 09:30	0.5	55	25	1.1	0.0
13/06/2024 09:40	0.4	201	15	1.1	0.0
13/06/2024 09:50	0.6	181	20	1.2	0.0
13/06/2024 10:00	0.5	55	26	1.2	0.0
13/06/2024 10:10	0.6	97	39	1.4	0.0
13/06/2024 10:20	1.0	78	30	1.8	0.0
13/06/2024 10:30	1.3	115	29	2.1	0.0
13/06/2024 10:40	1.4	122	29	2.2	0.0
13/06/2024 10:50	1.2	101	28	2.1	0.0
13/06/2024 11:00	1.2	120	27	2.0	0.0
13/06/2024 11:10	1.2	118	40	2.4	0.0
13/06/2024 11:20	1.5	111	28	2.7	0.0
13/06/2024 11:30	1.2	110	32	2.0	0.0
13/06/2024 11:40	1.3	119	33	2.1	0.0
13/06/2024 11:50	1.2	96	33	2.0	0.0
13/06/2024 12:00	1.1	83	38	1.7	0.0
13/06/2024 12:10	0.7	110	29	1.4	0.0
13/06/2024 12:20	1.1	86	28	2.1	0.0
13/06/2024 12:30	0.7	191	38	1.5	0.0
13/06/2024 12:40	0.5	45	41	1.4	0.0
13/06/2024 12:50	1.0	130	33	2.0	0.0
13/06/2024 13:00	1.5	271	39	2.8	0.0
13/06/2024 13:10	1.2	299	40	2.1	0.0
13/06/2024 13:20	1.3	313	30	2.4	0.0
13/06/2024 13:30	1.5	302	58	2.7	0.0
13/06/2024 13:40	0.9	182	57	1.9	0.0
13/06/2024 13:50	0.9	106	44	1.9	0.0
13/06/2024 14:00	1.9	304	47	3.3	0.0
13/06/2024 14:10	0.8	162	27	1.9	0.0
13/06/2024 14:20	1.3	41	40	2.9	0.0
13/06/2024 14:30	1.3	175	39	2.8	0.0
13/06/2024 14:40	1.4	34	32	2.3	0.0
13/06/2024 14:50	1.0	196	37	2.0	0.0
13/06/2024 15:00	1.6	355	29	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 15:10	1.3	347	33	2.6	0.0
13/06/2024 15:20	1.9	167	30	3.2	0.0
13/06/2024 15:30	1.6	176	31	2.8	0.0
13/06/2024 15:40	1.6	179	31	2.9	0.0
13/06/2024 15:50	2.0	168	28	3.1	0.0
13/06/2024 16:00	2.1	324	21	3.2	0.0
13/06/2024 16:10	1.9	334	24	2.8	0.0
13/06/2024 16:20	2.0	320	26	3.2	0.0
13/06/2024 16:30	2.0	321	21	3.0	0.0
13/06/2024 16:40	1.7	330	23	2.6	0.0
13/06/2024 16:50	1.8	337	23	2.7	0.0
13/06/2024 17:00	1.8	329	19	2.7	0.0
13/06/2024 17:10	1.7	331	21	2.5	0.0
13/06/2024 17:20	1.6	327	26	2.5	0.0
13/06/2024 17:30	1.6	332	23	2.5	0.0
13/06/2024 17:40	1.7	327	21	2.8	0.0
13/06/2024 17:50	1.6	324	20	2.4	0.0
13/06/2024 18:00	1.5	331	23	2.4	0.0
13/06/2024 18:10	1.5	327	23	2.5	0.0
13/06/2024 18:20	1.8	317	21	2.7	0.0
13/06/2024 18:30	1.9	321	19	2.8	0.0
13/06/2024 18:40	1.9	328	22	3.0	0.0
13/06/2024 18:50	1.8	339	25	3.0	0.0
13/06/2024 19:00	1.3	324	26	2.2	0.0
13/06/2024 19:10	1.8	320	20	3.1	0.0
13/06/2024 19:20	1.7	321	22	2.5	0.0
13/06/2024 19:30	1.5	318	19	2.4	0.0
13/06/2024 19:40	1.8	320	22	2.9	0.0
13/06/2024 19:50	1.5	332	23	2.6	0.0
13/06/2024 20:00	1.3	332	23	2.1	0.0
13/06/2024 20:10	1.2	321	27	2.4	0.0
13/06/2024 20:20	1.1	321	27	2.3	0.0
13/06/2024 20:30	1.5	316	27	2.8	0.0
13/06/2024 20:40	0.8	289	43	1.8	0.0
13/06/2024 20:50	1.2	282	19	2.0	0.0
13/06/2024 21:00	1.2	253	12	1.8	0.0
13/06/2024 21:10	1.1	246	11	1.7	0.0
13/06/2024 21:20	1.2	231	16	1.6	0.0
13/06/2024 21:30	0.4	194	24	1.2	0.0
13/06/2024 21:40	0.9	256	15	1.5	0.0
13/06/2024 21:50	0.6	228	13	1.2	0.0
13/06/2024 22:00	0.1	128	9	0.7	0.0
13/06/2024 22:10	0.5	244	7	1.2	0.0
13/06/2024 22:20	0.2	201	9	0.6	0.0
13/06/2024 22:30	0.5	272	9	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 22:40	1.3	288	22	1.7	0.0
13/06/2024 22:50	0.1	267	5	0.8	0.0
13/06/2024 23:00	1.2	266	13	1.8	0.0
13/06/2024 23:10	1.1	284	17	1.7	0.0
13/06/2024 23:20	1.5	275	19	2.1	0.0
13/06/2024 23:30	1.1	286	16	1.6	0.0
13/06/2024 23:40	0.9	285	12	1.4	0.0
13/06/2024 23:50	1.1	267	13	1.6	0.0
14/06/2024 00:00	0.9	251	21	1.5	0.0
14/06/2024 00:10	0.1	231	5	0.7	0.0
14/06/2024 00:20					0.0
14/06/2024 00:30					0.0
14/06/2024 00:40	0.5	326	13	1.0	0.0
14/06/2024 00:50	0.1	313	6	0.8	0.0
14/06/2024 01:00					0.0
14/06/2024 01:10	0.4	255	6	1.2	0.0
14/06/2024 01:20					0.0
14/06/2024 01:30					0.0
14/06/2024 01:40					0.0
14/06/2024 01:50					0.0
14/06/2024 02:00					0.0
14/06/2024 02:10					0.0
14/06/2024 02:20	0.1	333	1	0.9	0.0
14/06/2024 02:30	0.8	326	7	1.3	0.0
14/06/2024 02:40	0.2	179	6	0.7	0.0
14/06/2024 02:50	0.9	341	10	1.2	0.0
14/06/2024 03:00	1.0	334	12	1.4	0.0
14/06/2024 03:10	0.3	184	7	1.0	0.0
14/06/2024 03:20					0.0
14/06/2024 03:30	0.7	331	5	1.2	0.0
14/06/2024 03:40	1.0	339	9	1.3	0.0
14/06/2024 03:50	0.7	313	18	1.1	0.0
14/06/2024 04:00	0.7	324	18	1.2	0.0
14/06/2024 04:10	1.1	349	15	1.5	0.0
14/06/2024 04:20	0.7	345	11	1.2	0.0
14/06/2024 04:30	0.7	345	11	1.2	0.0
14/06/2024 04:40	1.1	333	8	1.4	0.0
14/06/2024 04:50	0.6	333	9	1.0	0.0
14/06/2024 05:00	0.3	350	11	0.7	0.0
14/06/2024 05:10	0.4	347	9	1.2	0.0
14/06/2024 05:20	0.6	345	12	1.1	0.0
14/06/2024 05:30	0.2	192	7	0.8	0.0
14/06/2024 05:40	1.0	25	15	1.5	0.0
14/06/2024 05:50	0.5	30	16	1.1	0.0
14/06/2024 06:00	1.1	30	15	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 06:10	0.8	183	20	1.1	0.0
14/06/2024 06:20	0.5	23	16	1.1	0.0
14/06/2024 06:30	0.6	352	16	1.1	0.0
14/06/2024 06:40	0.4	2	10	0.9	0.0
14/06/2024 06:50	0.5	349	8	1.1	0.0
14/06/2024 07:00	0.5	357	13	0.8	0.0
14/06/2024 07:10	1.0	350	15	1.2	0.0
14/06/2024 07:20	0.8	349	18	1.1	0.0
14/06/2024 07:30	0.9	179	16	1.2	0.0
14/06/2024 07:40	0.9	18	11	1.2	0.0
14/06/2024 07:50	0.9	29	15	1.2	0.0
14/06/2024 08:00	1.0	30	18	1.6	0.0
14/06/2024 08:10	0.4	43	11	1.1	0.0
14/06/2024 08:20	0.7	32	17	1.3	0.0
14/06/2024 08:30	0.7	44	18	1.2	0.0
14/06/2024 08:40	1.0	33	22	1.6	0.0
14/06/2024 08:50	0.7	43	24	1.3	0.0
14/06/2024 09:00	0.7	60	26	1.5	0.0
14/06/2024 09:10	1.2	56	19	1.9	0.0
14/06/2024 09:20	1.1	59	23	1.7	0.0
14/06/2024 09:30	1.2	59	25	1.8	0.0
14/06/2024 09:40	1.3	91	33	2.0	0.0
14/06/2024 09:50	1.4	90	20	2.2	0.0
14/06/2024 10:00	1.6	82	29	2.6	0.0
14/06/2024 10:10	1.8	72	24	2.8	0.0
14/06/2024 10:20	2.0	75	21	3.5	0.0
14/06/2024 10:30	2.1	80	27	3.6	0.0
14/06/2024 10:40	2.0	74	34	3.1	0.0
14/06/2024 10:50	2.3	86	26	3.9	0.0
14/06/2024 11:00	2.3	79	28	4.4	0.0
14/06/2024 11:10	2.4	79	31	3.7	0.0
14/06/2024 11:20	2.2	76	29	3.6	0.0
14/06/2024 11:30	2.3	75	23	3.8	0.0
14/06/2024 11:40	2.3	97	33	4.0	0.0
14/06/2024 11:50	2.2	76	26	4.1	0.0
14/06/2024 12:00	2.3	60	30	4.0	0.0
14/06/2024 12:10	2.4	60	31	3.6	0.0
14/06/2024 12:20	2.6	57	25	4.3	0.0
14/06/2024 12:30	2.4	52	25	4.0	0.0
14/06/2024 12:40	2.5	62	26	4.1	0.0
14/06/2024 12:50	2.3	62	24	4.0	0.0
14/06/2024 13:00	2.2	62	26	3.6	0.0
14/06/2024 13:10	2.3	62	27	3.6	0.0
14/06/2024 13:20	2.3	62	22	3.8	0.0
14/06/2024 13:30	2.2	61	21	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 13:40	2.1	69	21	3.0	0.0
14/06/2024 13:50	2.2	68	27	3.6	0.0
14/06/2024 14:00	1.9	68	24	3.1	0.0
14/06/2024 14:10	2.2	68	22	3.2	0.0
14/06/2024 14:20	2.2	63	23	3.4	0.0
14/06/2024 14:30	1.9	64	23	3.1	0.0
14/06/2024 14:40	2.1	65	22	3.2	0.0
14/06/2024 14:50	1.8	67	23	3.1	0.0
14/06/2024 15:00	1.8	75	20	3.2	0.0
14/06/2024 15:10	1.8	53	21	3.1	0.0
14/06/2024 15:20	1.8	60	22	3.0	0.0
14/06/2024 15:30	1.5	67	25	2.1	0.0
14/06/2024 15:40	1.6	58	26	2.6	0.0
14/06/2024 15:50	1.4	68	20	2.2	0.0
14/06/2024 16:00	1.2	54	24	2.4	0.0
14/06/2024 16:10	1.2	67	24	2.0	0.0
14/06/2024 16:20	1.4	52	20	2.1	0.0
14/06/2024 16:30	1.6	50	15	2.2	0.0
14/06/2024 16:40	1.8	52	14	2.4	0.0
14/06/2024 16:50	1.9	49	14	2.4	0.0
14/06/2024 17:00	1.7	49	14	2.4	0.0
14/06/2024 17:10	1.7	49	13	2.5	0.0
14/06/2024 17:20	1.8	48	14	2.8	0.0
14/06/2024 17:30	1.6	49	14	2.4	0.0
14/06/2024 17:40	1.4	45	13	2.2	0.0
14/06/2024 17:50	1.1	45	12	1.5	0.0
14/06/2024 18:00	1.5	53	10	2.1	0.0
14/06/2024 18:10	1.2	43	24	1.9	0.0
14/06/2024 18:20	0.2	153	9	1.0	0.0
14/06/2024 18:30	0.0	120	1	0.4	0.0
14/06/2024 18:40	0.4	288	21	1.2	0.0
14/06/2024 18:50	0.3	314	28	1.2	0.0
14/06/2024 19:00	0.9	9	35	2.0	0.0
14/06/2024 19:10	1.1	28	32	1.9	0.0
14/06/2024 19:20	1.0	184	28	1.8	0.0
14/06/2024 19:30	0.7	12	26	1.5	0.0
14/06/2024 19:40	1.2	175	27	2.2	0.0
14/06/2024 19:50	0.2	239	17	0.9	0.0
14/06/2024 20:00	0.4	313	17	1.2	0.0
14/06/2024 20:10	0.1	314	15	1.2	0.0
14/06/2024 20:20	0.0	8	8	0.6	0.0
14/06/2024 20:30	0.7	248	15	1.4	0.0
14/06/2024 20:40	0.9	247	12	1.2	0.0
14/06/2024 20:50	0.5	264	8	0.9	0.0
14/06/2024 21:00	0.5	269	10	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 21:10					0.0
14/06/2024 21:20					0.0
14/06/2024 21:30	0.6	343	7	1.1	0.0
14/06/2024 21:40	0.8	337	9	1.3	0.0
14/06/2024 21:50	0.5	287	5	1.0	0.0
14/06/2024 22:00	0.2	226	15	0.8	0.0
14/06/2024 22:10	0.5	279	6	1.2	0.0
14/06/2024 22:20	0.7	274	16	1.1	0.0
14/06/2024 22:30	1.0	263	9	1.3	0.0
14/06/2024 22:40	1.0	274	9	1.3	0.0
14/06/2024 22:50	0.1	106	2	0.8	0.0
14/06/2024 23:00	0.2	349	4	0.8	0.0
14/06/2024 23:10	0.5	328	4	1.0	0.0
14/06/2024 23:20	0.7	330	7	1.2	0.0
14/06/2024 23:30					0.0
14/06/2024 23:40	0.7	331	5	1.2	0.0
14/06/2024 23:50	0.9	327	9	1.2	0.0
15/06/2024 00:00	0.4	190	9	0.8	0.0
15/06/2024 00:10	0.4	355	10	1.2	0.0
15/06/2024 00:20	0.3	3	13	1.1	0.0
15/06/2024 00:30	0.6	344	11	1.1	0.0
15/06/2024 00:40	0.1	6	5	0.6	0.0
15/06/2024 00:50	0.4	14	5	0.8	0.0
15/06/2024 01:00	0.7	7	19	1.2	0.0
15/06/2024 01:10	0.6	21	17	1.1	0.0
15/06/2024 01:20	0.9	181	13	1.2	0.0
15/06/2024 01:30	0.8	178	11	1.2	0.0
15/06/2024 01:40	0.7	348	11	1.2	0.0
15/06/2024 01:50	0.4	173	9	0.8	0.0
15/06/2024 02:00	0.9	342	16	1.4	0.0
15/06/2024 02:10	0.5	180	13	1.0	0.0
15/06/2024 02:20	0.4	334	14	1.2	0.0
15/06/2024 02:30	0.3	266	6	1.1	0.0
15/06/2024 02:40	0.6	290	10	1.1	0.0
15/06/2024 02:50	0.3	342	17	0.8	0.0
15/06/2024 03:00	0.1	243	2	0.8	0.0
15/06/2024 03:10	0.9	328	11	1.2	0.0
15/06/2024 03:20	0.3	289	7	1.0	0.0
15/06/2024 03:30	0.4	325	20	1.2	0.0
15/06/2024 03:40	1.0	334	13	1.5	0.0
15/06/2024 03:50	0.5	343	15	1.1	0.0
15/06/2024 04:00	0.2	257	10	0.8	0.0
15/06/2024 04:10	0.5	335	10	1.3	0.0
15/06/2024 04:20	0.4	165	12	1.1	0.0
15/06/2024 04:30	0.9	325	17	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 04:40	0.2	351	14	0.9	0.0
15/06/2024 04:50	0.3	356	10	0.9	0.0
15/06/2024 05:00	0.4	171	9	1.0	0.0
15/06/2024 05:10	0.6	12	10	1.2	0.0
15/06/2024 05:20	0.6	352	14	1.1	0.0
15/06/2024 05:30	0.6	350	15	1.0	0.0
15/06/2024 05:40	0.6	175	14	1.0	0.0
15/06/2024 05:50	0.6	181	13	1.1	0.0
15/06/2024 06:00	0.8	183	17	1.2	0.0
15/06/2024 06:10	0.7	357	17	1.3	0.0
15/06/2024 06:20	0.3	354	19	0.9	0.0
15/06/2024 06:30					0.0
15/06/2024 06:40	0.3	343	6	0.8	0.0
15/06/2024 06:50	0.6	178	12	1.0	0.0
15/06/2024 07:00	0.2	187	7	0.8	0.0
15/06/2024 07:10	0.5	18	8	1.0	0.0
15/06/2024 07:20	0.5	23	14	1.2	0.0
15/06/2024 07:30	0.6	32	14	1.3	0.0
15/06/2024 07:40	0.8	40	16	1.3	0.0
15/06/2024 07:50	0.5	63	14	1.2	0.0
15/06/2024 08:00	0.7	63	20	1.4	0.0
15/06/2024 08:10	1.0	63	21	1.7	0.0
15/06/2024 08:20	1.1	65	21	1.8	0.0
15/06/2024 08:30	1.2	75	20	1.9	0.0
15/06/2024 08:40	1.3	90	26	2.3	0.0
15/06/2024 08:50	1.2	89	24	2.0	0.0
15/06/2024 09:00	1.4	100	28	2.7	0.0
15/06/2024 09:10	1.6	111	28	2.4	0.0
15/06/2024 09:20	1.4	95	29	2.2	0.0
15/06/2024 09:30	1.6	88	28	3.1	0.0
15/06/2024 09:40	1.8	89	24	2.9	0.0
15/06/2024 09:50	1.9	93	24	2.9	0.0
15/06/2024 10:00	2.0	87	21	2.9	0.0
15/06/2024 10:10	2.0	87	24	3.3	0.0
15/06/2024 10:20	1.8	70	25	3.3	0.0
15/06/2024 10:30	1.9	84	26	3.2	0.0
15/06/2024 10:40	2.5	88	19	3.9	0.0
15/06/2024 10:50	1.9	77	23	3.2	0.0
15/06/2024 11:00	2.4	85	25	3.8	0.0
15/06/2024 11:10	2.0	78	25	3.3	0.0
15/06/2024 11:20	2.0	87	31	3.5	0.0
15/06/2024 11:30	2.2	86	32	3.6	0.0
15/06/2024 11:40	2.1	76	24	3.3	0.0
15/06/2024 11:50	2.1	76	22	3.6	0.0
15/06/2024 12:00	2.0	70	26	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 12:10	2.1	80	23	3.5	0.0
15/06/2024 12:20	1.9	69	26	3.3	0.0
15/06/2024 12:30	2.5	62	22	3.9	0.0
15/06/2024 12:40	2.3	59	27	3.7	0.0
15/06/2024 12:50	2.4	50	27	3.8	0.0
15/06/2024 13:00	2.6	56	21	4.5	0.0
15/06/2024 13:10	2.7	66	24	4.0	0.0
15/06/2024 13:20	2.4	69	24	3.6	0.0
15/06/2024 13:30	2.4	67	24	3.9	0.0
15/06/2024 13:40	2.6	59	22	4.8	0.0
15/06/2024 13:50	2.6	63	20	4.0	0.0
15/06/2024 14:00	2.6	63	22	4.6	0.0
15/06/2024 14:10	2.6	64	24	4.4	0.0
15/06/2024 14:20	2.5	59	28	3.9	0.0
15/06/2024 14:30	2.7	54	20	4.2	0.0
15/06/2024 14:40	2.7	57	23	4.3	0.0
15/06/2024 14:50	2.5	55	22	4.2	0.0
15/06/2024 15:00	2.0	60	24	3.3	0.0
15/06/2024 15:10	2.5	71	21	4.0	0.0
15/06/2024 15:20	2.6	51	21	4.0	0.0
15/06/2024 15:30	2.4	64	23	3.7	0.0
15/06/2024 15:40	2.2	72	24	3.9	0.0
15/06/2024 15:50	2.4	66	22	3.9	0.0
15/06/2024 16:00	2.3	60	22	4.2	0.0
15/06/2024 16:10	2.1	63	22	3.4	0.0
15/06/2024 16:20	2.2	61	24	3.6	0.0
15/06/2024 16:30	1.9	63	24	3.3	0.0
15/06/2024 16:40	1.7	70	20	3.0	0.0
15/06/2024 16:50	1.7	71	22	2.7	0.0
15/06/2024 17:00	1.8	65	23	2.8	0.0
15/06/2024 17:10	1.6	61	20	2.8	0.0
15/06/2024 17:20	1.5	62	22	2.4	0.0
15/06/2024 17:30	1.3	62	27	2.0	0.0
15/06/2024 17:40	1.4	58	24	2.3	0.0
15/06/2024 17:50	1.5	56	20	2.6	0.0
15/06/2024 18:00	1.7	55	17	2.7	0.0
15/06/2024 18:10	1.5	52	14	2.2	0.0
15/06/2024 18:20	1.2	55	18	2.1	0.0
15/06/2024 18:30	1.3	45	15	2.0	0.0
15/06/2024 18:40	1.2	45	18	1.8	0.0
15/06/2024 18:50	0.9	49	13	1.5	0.0
15/06/2024 19:00	1.0	53	15	1.6	0.0
15/06/2024 19:10	1.0	42	16	1.5	0.0
15/06/2024 19:20	1.1	42	13	1.8	0.0
15/06/2024 19:30	1.2	45	16	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 19:40	1.2	46	13	1.7	0.0
15/06/2024 19:50	1.2	40	16	1.9	0.0
15/06/2024 20:00	1.0	37	17	1.8	0.0
15/06/2024 20:10	1.1	45	19	1.6	0.0
15/06/2024 20:20	1.2	36	18	1.6	0.0
15/06/2024 20:30	1.3	38	16	1.7	0.0
15/06/2024 20:40	1.3	35	20	2.0	0.0
15/06/2024 20:50	1.3	41	20	2.0	0.0
15/06/2024 21:00	1.2	43	18	1.7	0.0
15/06/2024 21:10	0.8	38	16	1.4	0.0
15/06/2024 21:20	0.7	42	15	1.6	0.0
15/06/2024 21:30	0.4	50	12	1.0	0.0
15/06/2024 21:40	0.1	42	4	0.6	0.0
15/06/2024 21:50	0.6	56	10	1.2	0.0
15/06/2024 22:00	1.3	53	13	1.8	0.0
15/06/2024 22:10	0.8	44	12	1.4	0.0
15/06/2024 22:20	0.9	48	12	1.2	0.0
15/06/2024 22:30	0.9	40	16	1.6	0.0
15/06/2024 22:40	0.2	47	10	0.8	0.0
15/06/2024 22:50	0.0	35	2	0.6	0.0
15/06/2024 23:00	0.8	39	12	1.4	0.0
15/06/2024 23:10	1.3	42	16	2.0	0.0
15/06/2024 23:20	0.8	46	13	1.4	0.0
15/06/2024 23:30	1.0	43	15	1.6	0.0
15/06/2024 23:40	1.0	42	16	1.6	0.0
15/06/2024 23:50	0.2	42	10	0.8	0.0
16/06/2024 00:00	0.0	29	2	0.4	0.0
16/06/2024 00:10	0.2	47	4	0.8	0.0
16/06/2024 00:20	0.4	40	13	0.9	0.0
16/06/2024 00:30	0.7	24	16	1.1	0.0
16/06/2024 00:40	1.1	21	15	1.6	0.0
16/06/2024 00:50	1.1	28	16	1.6	0.0
16/06/2024 01:00	1.1	21	16	1.6	0.0
16/06/2024 01:10	0.7	19	13	1.0	0.0
16/06/2024 01:20	1.0	22	13	1.4	0.0
16/06/2024 01:30	1.0	21	14	1.4	0.0
16/06/2024 01:40	0.7	18	17	1.4	0.0
16/06/2024 01:50	0.9	26	16	1.3	0.0
16/06/2024 02:00	0.8	28	16	1.2	0.0
16/06/2024 02:10	0.3	11	10	0.8	0.0
16/06/2024 02:20					0.0
16/06/2024 02:30					0.0
16/06/2024 02:40					0.0
16/06/2024 02:50					0.0
16/06/2024 03:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 03:10					0.0
16/06/2024 03:20					0.0
16/06/2024 03:30					0.0
16/06/2024 03:40					0.0
16/06/2024 03:50					0.0
16/06/2024 04:00	0.4	63	66	1.1	0.0
16/06/2024 04:10					0.0
16/06/2024 04:20					0.0
16/06/2024 04:30					0.0
16/06/2024 04:40					0.0
16/06/2024 04:50	0.3	29	17	0.9	0.0
16/06/2024 05:00	1.0	40	17	1.5	0.0
16/06/2024 05:10	0.9	41	17	1.6	0.0
16/06/2024 05:20	0.6	48	15	1.2	0.0
16/06/2024 05:30	0.2	43	11	0.9	0.0
16/06/2024 05:40	0.1	47	9	0.8	0.0
16/06/2024 05:50					0.0
16/06/2024 06:00					0.0
16/06/2024 06:10	0.3	31	11	0.8	0.0
16/06/2024 06:20	0.1	22	5	0.7	0.0
16/06/2024 06:30					0.0
16/06/2024 06:40					0.0
16/06/2024 06:50					0.0
16/06/2024 07:00					0.0
16/06/2024 07:10					0.0
16/06/2024 07:20					0.0
16/06/2024 07:30	0.6	52	18	1.7	0.0
16/06/2024 07:40	0.7	43	18	1.4	0.0
16/06/2024 07:50	0.3	49	11	1.2	0.0
16/06/2024 08:00	0.2	62	11	1.2	0.0
16/06/2024 08:10	0.9	79	23	1.6	0.0
16/06/2024 08:20	1.1	82	19	2.2	0.0
16/06/2024 08:30	0.9	101	26	1.8	0.0
16/06/2024 08:40	1.4	93	30	2.7	0.0
16/06/2024 08:50	1.6	79	21	2.6	0.0
16/06/2024 09:00	1.9	76	21	3.0	0.0
16/06/2024 09:10	1.6	65	20	2.5	0.0
16/06/2024 09:20	1.8	81	25	3.2	0.0
16/06/2024 09:30	1.7	67	24	2.7	0.0
16/06/2024 09:40	1.8	69	26	2.9	0.0
16/06/2024 09:50	1.9	52	23	3.1	0.0
16/06/2024 10:00	1.9	54	28	3.0	0.0
16/06/2024 10:10	1.7	60	31	2.6	0.0
16/06/2024 10:20	1.7	62	22	2.8	0.0
16/06/2024 10:30	2.1	66	26	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 10:40	2.1	60	23	3.3	0.0
16/06/2024 10:50	2.0	70	28	3.4	0.0
16/06/2024 11:00	2.2	86	27	3.6	0.0
16/06/2024 11:10	2.1	89	27	3.4	0.0
16/06/2024 11:20	2.2	72	28	4.0	0.0
16/06/2024 11:30	2.3	75	22	3.5	0.0
16/06/2024 11:40	2.6	69	24	4.3	0.0
16/06/2024 11:50	2.4	69	25	4.1	0.0
16/06/2024 12:00	2.6	77	24	4.0	0.0
16/06/2024 12:10	2.6	77	24	4.2	0.0
16/06/2024 12:20	2.6	66	22	4.4	0.0
16/06/2024 12:30	2.5	68	23	4.0	0.0
16/06/2024 12:40	2.9	51	18	4.6	0.0
16/06/2024 12:50	2.6	60	22	4.4	0.0
16/06/2024 13:00	2.5	57	22	4.0	0.0
16/06/2024 13:10	2.5	58	20	4.3	0.0
16/06/2024 13:20	2.6	68	26	4.0	0.0
16/06/2024 13:30	2.7	70	22	4.0	0.0
16/06/2024 13:40	2.5	70	21	3.9	0.0
16/06/2024 13:50	2.3	61	20	3.5	0.0
16/06/2024 14:00	2.2	64	22	3.2	0.0
16/06/2024 14:10	1.9	62	26	2.9	0.0
16/06/2024 14:20	1.8	74	23	2.8	0.0
16/06/2024 14:30	1.8	82	27	2.9	0.0
16/06/2024 14:40	2.0	75	30	3.2	0.0
16/06/2024 14:50	2.1	66	23	3.4	0.0
16/06/2024 15:00	2.0	68	24	3.2	0.0
16/06/2024 15:10	1.7	69	25	2.6	0.0
16/06/2024 15:20	1.5	62	27	2.6	0.0
16/06/2024 15:30	1.8	63	26	3.2	0.0
16/06/2024 15:40	1.6	64	23	2.4	0.0
16/06/2024 15:50	1.5	57	20	2.3	0.0
16/06/2024 16:00	1.5	61	22	2.5	0.0
16/06/2024 16:10	1.3	75	25	2.3	0.0
16/06/2024 16:20	1.4	73	21	2.3	0.0
16/06/2024 16:30	1.4	82	22	2.2	0.0
16/06/2024 16:40	1.3	82	30	2.4	0.0
16/06/2024 16:50	1.2	83	29	2.5	0.0
16/06/2024 17:00	1.1	79	24	1.9	0.0
16/06/2024 17:10	1.1	57	22	2.0	0.0
16/06/2024 17:20	1.1	49	22	2.0	0.0
16/06/2024 17:30	1.7	45	18	3.0	0.0
16/06/2024 17:40	1.9	49	16	3.2	0.0
16/06/2024 17:50	1.4	59	15	2.4	0.0
16/06/2024 18:00	1.2	57	16	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 18:10	0.6	53	18	1.2	0.0
16/06/2024 18:20	0.4	219	10	1.1	0.0
16/06/2024 18:30					0.0
16/06/2024 18:40					0.0
16/06/2024 18:50					0.0
16/06/2024 19:00					0.0
16/06/2024 19:10					0.0
16/06/2024 19:20					0.0
16/06/2024 19:30					0.0
16/06/2024 19:40					0.0
16/06/2024 19:50					0.0
16/06/2024 20:00					0.0
16/06/2024 20:10					0.0
16/06/2024 20:20					0.0
16/06/2024 20:30					0.0
16/06/2024 20:40					0.0
16/06/2024 20:50					0.0
16/06/2024 21:00					0.0
16/06/2024 21:10	0.5	247	4	1.4	0.0
16/06/2024 21:20	0.1	245	3	1.1	0.0
16/06/2024 21:30					0.0
16/06/2024 21:40					0.0
16/06/2024 21:50					0.0
16/06/2024 22:00					0.0
16/06/2024 22:10					0.0
16/06/2024 22:20					0.0
16/06/2024 22:30					0.0
16/06/2024 22:40					0.0
16/06/2024 22:50					0.0
16/06/2024 23:00					0.0
16/06/2024 23:10					0.0
16/06/2024 23:20	0.6	330	5	1.2	0.0
16/06/2024 23:30					0.0
16/06/2024 23:40	1.0	328	9	1.6	0.0
16/06/2024 23:50	0.2	317	4	0.9	0.0
17/06/2024 00:00					0.0
17/06/2024 00:10	0.0	340	2	0.4	0.0
17/06/2024 00:20					0.0
17/06/2024 00:30	0.1	334	1	0.6	0.0
17/06/2024 00:40					0.0
17/06/2024 00:50					0.0
17/06/2024 01:00					0.0
17/06/2024 01:10					0.0
17/06/2024 01:20					0.0
17/06/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 01:40					0.0
17/06/2024 01:50					0.1
17/06/2024 02:00					0.0
17/06/2024 02:10					0.0
17/06/2024 02:20					0.0
17/06/2024 02:30					0.0
17/06/2024 02:40					0.0
17/06/2024 02:50					0.0
17/06/2024 03:00					0.0
17/06/2024 03:10					0.0
17/06/2024 03:20					0.0
17/06/2024 03:30					0.0
17/06/2024 03:40					0.0
17/06/2024 03:50					0.0
17/06/2024 04:00					0.0
17/06/2024 04:10					0.0
17/06/2024 04:20					0.0
17/06/2024 04:30					0.0
17/06/2024 04:40					0.0
17/06/2024 04:50					0.0
17/06/2024 05:00					0.0
17/06/2024 05:10					0.0
17/06/2024 05:20					0.0
17/06/2024 05:30					0.0
17/06/2024 05:40					0.0
17/06/2024 05:50					0.0
17/06/2024 06:00					0.0
17/06/2024 06:10					0.0
17/06/2024 06:20					0.0
17/06/2024 06:30					0.0
17/06/2024 06:40					0.0
17/06/2024 06:50					0.0
17/06/2024 07:00					0.0
17/06/2024 07:10					0.0
17/06/2024 07:20					0.0
17/06/2024 07:30					0.0
17/06/2024 07:40					0.0
17/06/2024 07:50					0.0
17/06/2024 08:00					0.0
17/06/2024 08:10					0.0
17/06/2024 08:20					0.0
17/06/2024 08:30					0.0
17/06/2024 08:40					0.0
17/06/2024 08:50					0.0
17/06/2024 09:00	0.5	58	14	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 09:10	0.9	78	25	1.6	0.0
17/06/2024 09:20	1.0	98	28	2.3	0.0
17/06/2024 09:30	1.3	81	23	2.2	0.0
17/06/2024 09:40	1.5	65	23	2.7	0.0
17/06/2024 09:50	1.8	63	20	3.1	0.0
17/06/2024 10:00	1.6	64	25	2.9	0.0
17/06/2024 10:10	2.0	56	22	3.5	0.0
17/06/2024 10:20	2.0	59	22	3.3	0.0
17/06/2024 10:30	1.7	68	24	2.8	0.0
17/06/2024 10:40	1.7	60	26	2.6	0.0
17/06/2024 10:50	1.6	55	32	2.6	0.0
17/06/2024 11:00	1.8	72	26	2.8	0.0
17/06/2024 11:10	2.1	64	25	3.3	0.0
17/06/2024 11:20	2.2	48	20	3.7	0.0
17/06/2024 11:30	2.3	46	23	3.7	0.0
17/06/2024 11:40	2.2	46	25	3.5	0.0
17/06/2024 11:50	2.0	51	24	3.0	0.0
17/06/2024 12:00	2.0	61	22	3.2	0.0
17/06/2024 12:10	1.8	65	26	3.0	0.0
17/06/2024 12:20	1.6	71	26	2.6	0.0
17/06/2024 12:30	1.8	76	25	2.8	0.0
17/06/2024 12:40	1.9	72	21	2.9	0.0
17/06/2024 12:50	2.0	65	26	3.2	0.0
17/06/2024 13:00	1.8	62	28	3.1	0.0
17/06/2024 13:10	1.6	67	28	2.6	0.0
17/06/2024 13:20	1.8	79	29	3.2	0.0
17/06/2024 13:30	1.8	54	21	2.6	0.0
17/06/2024 13:40	1.6	60	26	3.1	0.0
17/06/2024 13:50	1.8	59	22	2.9	0.0
17/06/2024 14:00	1.7	67	27	3.0	0.0
17/06/2024 14:10	1.4	45	30	2.4	0.0
17/06/2024 14:20	1.5	199	42	3.2	0.0
17/06/2024 14:30	2.0	330	33	3.4	0.0
17/06/2024 14:40	1.6	299	46	2.7	0.0
17/06/2024 14:50	1.9	327	40	3.0	0.0
17/06/2024 15:00	2.2	328	32	3.3	0.0
17/06/2024 15:10	2.0	341	30	3.1	0.0
17/06/2024 15:20	2.1	327	27	3.3	0.0
17/06/2024 15:30	1.9	295	37	3.1	0.0
17/06/2024 15:40	2.1	316	36	3.3	0.0
17/06/2024 15:50	2.0	316	37	3.6	0.0
17/06/2024 16:00	1.6	309	48	2.9	0.0
17/06/2024 16:10	1.6	276	34	3.1	0.0
17/06/2024 16:20	1.6	263	42	3.2	0.0
17/06/2024 16:30	2.2	264	28	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 16:40	1.9	271	37	3.2	0.0
17/06/2024 16:50	1.7	291	41	3.6	0.0
17/06/2024 17:00	1.9	270	37	3.9	0.0
17/06/2024 17:10	2.0	268	34	3.6	0.0
17/06/2024 17:20	2.0	255	22	3.4	0.0
17/06/2024 17:30	2.3	255	19	3.4	0.0
17/06/2024 17:40	2.2	255	16	3.2	0.0
17/06/2024 17:50	2.3	244	15	3.7	0.0
17/06/2024 18:00	2.1	246	12	2.8	0.0
17/06/2024 18:10	2.3	247	11	3.1	0.0
17/06/2024 18:20	2.2	251	14	3.4	0.0
17/06/2024 18:30	1.8	246	12	2.5	0.0
17/06/2024 18:40	1.2	269	18	2.2	0.0
17/06/2024 18:50	1.4	268	18	2.1	0.0
17/06/2024 19:00	0.9	288	16	1.6	0.0
17/06/2024 19:10	1.2	282	15	1.7	0.0
17/06/2024 19:20	1.6	273	16	2.1	0.0
17/06/2024 19:30	1.6	261	12	2.3	0.0
17/06/2024 19:40	1.6	261	15	2.0	0.0
17/06/2024 19:50	1.4	270	14	2.2	0.0
17/06/2024 20:00	1.7	262	12	2.2	0.0
17/06/2024 20:10	1.4	268	15	2.2	0.0
17/06/2024 20:20	1.5	270	15	2.2	0.0
17/06/2024 20:30	1.3	282	14	1.9	0.0
17/06/2024 20:40	1.1	279	20	1.6	0.0
17/06/2024 20:50	1.2	304	17	1.6	0.0
17/06/2024 21:00	1.0	311	21	1.5	0.0
17/06/2024 21:10	0.1	351	10	0.9	0.0
17/06/2024 21:20	0.0	296	2	0.9	0.0
17/06/2024 21:30	1.0	298	11	1.6	0.0
17/06/2024 21:40	1.0	291	11	1.3	0.0
17/06/2024 21:50	0.5	305	13	0.9	0.0
17/06/2024 22:00	1.1	304	10	1.3	0.0
17/06/2024 22:10	1.0	275	9	1.2	0.0
17/06/2024 22:20	0.8	250	44	1.2	0.0
17/06/2024 22:30	0.8	335	10	1.6	0.0
17/06/2024 22:40	1.1	304	18	1.6	0.0
17/06/2024 22:50	0.8	339	11	1.3	0.0
17/06/2024 23:00	1.0	323	13	1.6	0.0
17/06/2024 23:10	0.9	329	14	1.5	0.0
17/06/2024 23:20	0.3	61	47	1.1	0.0
17/06/2024 23:30	0.4	168	15	1.1	0.0
17/06/2024 23:40	1.0	182	22	1.7	0.0
17/06/2024 23:50	1.3	343	12	2.4	0.0
18/06/2024 00:00	0.8	6	26	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 00:10	0.6	357	27	1.3	0.0
18/06/2024 00:20	0.6	346	28	1.3	0.0
18/06/2024 00:30	0.6	255	32	1.4	0.0
18/06/2024 00:40	0.3	342	12	0.8	0.0
18/06/2024 00:50	0.2	11	14	1.2	0.0
18/06/2024 01:00	0.8	178	29	1.6	0.0
18/06/2024 01:10	0.4	169	42	1.2	0.0
18/06/2024 01:20	0.4	219	30	1.2	0.0
18/06/2024 01:30	0.0	139	1	0.6	0.0
18/06/2024 01:40	0.4	158	18	1.1	0.0
18/06/2024 01:50	0.2	195	15	1.0	0.0
18/06/2024 02:00	1.1	180	42	2.1	0.0
18/06/2024 02:10	1.1	200	24	2.0	0.0
18/06/2024 02:20	0.3	211	20	1.2	0.0
18/06/2024 02:30	0.1	66	22	0.7	0.0
18/06/2024 02:40	0.3	197	17	0.9	0.0
18/06/2024 02:50					0.0
18/06/2024 03:00	0.0	341	0	1.1	0.0
18/06/2024 03:10	0.7	333	6	1.1	0.0
18/06/2024 03:20	0.6	335	18	1.1	0.0
18/06/2024 03:30	0.4	336	12	0.8	0.0
18/06/2024 03:40					0.0
18/06/2024 03:50	0.1	253	5	0.8	0.0
18/06/2024 04:00	1.1	279	10	1.6	0.0
18/06/2024 04:10	0.8	265	9	1.4	0.0
18/06/2024 04:20	0.4	267	12	1.2	0.0
18/06/2024 04:30					0.0
18/06/2024 04:40					0.0
18/06/2024 04:50					0.0
18/06/2024 05:00	0.8	355	30	1.6	0.0
18/06/2024 05:10	0.9	18	23	1.7	0.0
18/06/2024 05:20	0.5	116	39	1.4	0.0
18/06/2024 05:30	0.1	229	3	0.6	0.0
18/06/2024 05:40					0.0
18/06/2024 05:50					0.0
18/06/2024 06:00	0.8	339	7	1.2	0.0
18/06/2024 06:10	1.3	329	6	1.5	0.0
18/06/2024 06:20	1.3	329	11	1.7	0.0
18/06/2024 06:30	1.0	332	7	1.6	0.0
18/06/2024 06:40	0.2	323	4	0.8	0.0
18/06/2024 06:50	0.7	339	9	1.3	0.0
18/06/2024 07:00	0.9	336	9	1.2	0.0
18/06/2024 07:10	1.1	331	12	1.6	0.0
18/06/2024 07:20	0.8	329	10	1.2	0.0
18/06/2024 07:30	0.3	181	4	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 07:40	0.0	79	2	0.4	0.0
18/06/2024 07:50	0.1	23	8	0.9	0.0
18/06/2024 08:00	0.4	86	20	1.0	0.0
18/06/2024 08:10	0.5	104	23	1.2	0.0
18/06/2024 08:20	0.2	75	13	0.8	0.0
18/06/2024 08:30	0.5	83	16	1.2	0.0
18/06/2024 08:40	0.3	69	15	1.2	0.0
18/06/2024 08:50	0.7	160	22	1.5	0.0
18/06/2024 09:00	0.2	93	13	1.0	0.0
18/06/2024 09:10	0.8	123	26	1.6	0.0
18/06/2024 09:20	0.2	133	19	1.0	0.0
18/06/2024 09:30	0.4	41	17	1.3	0.0
18/06/2024 09:40	0.9	345	38	1.8	0.0
18/06/2024 09:50	1.0	16	27	2.3	0.0
18/06/2024 10:00	1.4	348	41	2.4	0.0
18/06/2024 10:10	1.5	7	32	2.8	0.0
18/06/2024 10:20	1.9	181	37	3.0	0.0
18/06/2024 10:30	2.0	23	28	3.2	0.0
18/06/2024 10:40	1.6	7	32	2.7	0.0
18/06/2024 10:50	1.7	18	33	3.2	0.0
18/06/2024 11:00	2.1	9	31	3.7	0.0
18/06/2024 11:10	1.9	20	30	3.7	0.0
18/06/2024 11:20	1.9	341	30	3.6	0.0
18/06/2024 11:30	2.1	336	28	3.6	0.0
18/06/2024 11:40	2.3	345	35	4.0	0.0
18/06/2024 11:50	2.4	338	28	4.0	0.0
18/06/2024 12:00	2.3	329	33	4.3	0.0
18/06/2024 12:10	2.3	324	30	4.4	0.0
18/06/2024 12:20	2.7	313	36	4.1	0.0
18/06/2024 12:30	2.5	328	32	4.1	0.0
18/06/2024 12:40	2.5	318	38	4.4	0.0
18/06/2024 12:50	2.6	323	26	4.4	0.0
18/06/2024 13:00	2.5	325	30	4.4	0.0
18/06/2024 13:10	2.7	323	31	4.8	0.0
18/06/2024 13:20	2.3	332	39	4.2	0.0
18/06/2024 13:30	2.4	337	34	4.6	0.0
18/06/2024 13:40	2.1	317	38	3.9	0.0
18/06/2024 13:50	2.7	332	27	4.3	0.0
18/06/2024 14:00	2.7	337	27	4.6	0.0
18/06/2024 14:10	2.4	321	35	4.2	0.0
18/06/2024 14:20	2.0	315	46	4.1	0.0
18/06/2024 14:30	2.3	289	45	4.2	0.0
18/06/2024 14:40	2.3	313	46	4.3	0.0
18/06/2024 14:50	2.4	289	43	4.2	0.0
18/06/2024 15:00	2.6	283	40	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 15:10	2.5	320	28	4.5	0.0
18/06/2024 15:20	2.4	305	53	4.5	0.0
18/06/2024 15:30	2.8	315	32	5.2	0.0
18/06/2024 15:40	1.9	301	44	3.7	0.0
18/06/2024 15:50	2.3	259	27	3.3	0.0
18/06/2024 16:00	2.4	271	46	3.9	0.0
18/06/2024 16:10	2.4	307	50	4.3	0.0
18/06/2024 16:20	1.9	298	41	3.5	0.0
18/06/2024 16:30	2.1	261	30	3.7	0.0
18/06/2024 16:40	2.4	253	23	4.0	0.0
18/06/2024 16:50	2.5	250	22	4.1	0.0
18/06/2024 17:00	2.4	254	25	3.9	0.0
18/06/2024 17:10	2.5	250	19	3.5	0.0
18/06/2024 17:20	1.6	257	36	3.3	0.0
18/06/2024 17:30	1.9	251	25	3.2	0.0
18/06/2024 17:40	1.9	246	37	3.1	0.0
18/06/2024 17:50	1.5	256	33	2.8	0.0
18/06/2024 18:00	1.2	255	29	2.8	0.0
18/06/2024 18:10	1.5	265	34	3.0	0.0
18/06/2024 18:20	1.5	251	28	2.3	0.0
18/06/2024 18:30	1.5	259	23	2.5	0.0
18/06/2024 18:40	1.4	264	30	2.3	0.0
18/06/2024 18:50	1.4	257	31	2.2	0.0
18/06/2024 19:00	1.7	251	19	2.8	0.0
18/06/2024 19:10	1.6	247	20	2.6	0.0
18/06/2024 19:20	1.7	250	16	2.5	0.0
18/06/2024 19:30	1.8	251	17	2.8	0.0
18/06/2024 19:40	1.0	266	39	1.8	0.0
18/06/2024 19:50	1.5	256	23	2.4	0.0
18/06/2024 20:00	1.5	272	27	2.5	0.0
18/06/2024 20:10	1.1	264	26	2.2	0.0
18/06/2024 20:20	1.3	259	24	2.0	0.0
18/06/2024 20:30	1.5	266	21	2.5	0.0
18/06/2024 20:40	2.1	255	16	3.1	0.0
18/06/2024 20:50	1.9	243	17	3.2	0.0
18/06/2024 21:00	1.8	247	21	3.0	0.0
18/06/2024 21:10	2.1	247	15	3.1	0.0
18/06/2024 21:20	1.8	247	18	2.8	0.0
18/06/2024 21:30	1.6	255	14	2.4	0.0
18/06/2024 21:40	1.7	248	18	2.6	0.0
18/06/2024 21:50	2.0	252	19	3.4	0.0
18/06/2024 22:00	2.5	251	15	4.0	0.0
18/06/2024 22:10	1.9	253	14	2.9	0.0
18/06/2024 22:20	1.9	253	15	2.6	0.0
18/06/2024 22:30	1.4	260	13	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 22:40	1.2	266	16	2.0	0.0
18/06/2024 22:50	1.2	267	22	2.4	0.0
18/06/2024 23:00	1.2	267	19	2.0	0.0
18/06/2024 23:10	1.0	273	18	1.7	0.0
18/06/2024 23:20	0.9	274	21	1.4	0.0
18/06/2024 23:30	0.9	266	19	1.6	0.0
18/06/2024 23:40	0.8	272	19	1.4	0.0
18/06/2024 23:50	1.0	268	19	1.7	0.0
19/06/2024 00:00	1.6	260	14	2.4	0.0
19/06/2024 00:10	1.1	270	19	1.9	0.0
19/06/2024 00:20	1.6	258	13	2.4	0.0
19/06/2024 00:30	1.4	262	15	2.0	0.0
19/06/2024 00:40	1.2	270	15	1.9	0.0
19/06/2024 00:50	1.3	255	13	2.2	0.0
19/06/2024 01:00	1.6	262	13	2.3	0.0
19/06/2024 01:10	1.4	256	16	2.1	0.0
19/06/2024 01:20	1.3	257	15	2.3	0.0
19/06/2024 01:30	1.6	262	12	2.1	0.0
19/06/2024 01:40	1.2	269	15	1.8	0.0
19/06/2024 01:50	1.5	264	12	2.1	0.0
19/06/2024 02:00	1.7	267	15	2.4	0.0
19/06/2024 02:10	1.5	269	12	2.2	0.0
19/06/2024 02:20	1.4	275	16	2.2	0.0
19/06/2024 02:30	1.6	271	13	2.3	0.0
19/06/2024 02:40	1.3	269	15	2.0	0.0
19/06/2024 02:50	0.9	279	15	1.6	0.0
19/06/2024 03:00	0.8	264	19	1.5	0.0
19/06/2024 03:10	0.2	77	7	0.9	0.0
19/06/2024 03:20	0.2	12	8	0.9	0.0
19/06/2024 03:30					0.0
19/06/2024 03:40	0.0	278	1	0.8	0.0
19/06/2024 03:50	0.4	262	11	1.2	0.0
19/06/2024 04:00	0.1	177	3	0.7	0.0
19/06/2024 04:10	0.0	223	4	0.5	0.0
19/06/2024 04:20	0.8	225	22	1.7	0.0
19/06/2024 04:30	0.4	257	14	1.2	0.0
19/06/2024 04:40	0.1	276	6	0.8	0.0
19/06/2024 04:50					0.0
19/06/2024 05:00					0.0
19/06/2024 05:10	0.2	218	9	1.1	0.0
19/06/2024 05:20					0.0
19/06/2024 05:30	0.4	245	11	1.0	0.0
19/06/2024 05:40	1.0	249	12	1.6	0.0
19/06/2024 05:50	1.0	260	19	1.6	0.0
19/06/2024 06:00	1.3	255	16	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 06:10	1.5	260	18	2.3	0.0
19/06/2024 06:20	1.7	255	16	2.8	0.0
19/06/2024 06:30	1.2	237	26	2.2	0.0
19/06/2024 06:40	1.5	238	19	2.0	0.0
19/06/2024 06:50	1.8	249	16	2.6	0.0
19/06/2024 07:00	2.0	238	16	3.1	0.0
19/06/2024 07:10	1.8	230	17	2.7	0.0
19/06/2024 07:20	1.7	249	20	2.5	0.0
19/06/2024 07:30	1.7	265	15	2.3	0.0
19/06/2024 07:40	1.6	261	15	2.2	0.0
19/06/2024 07:50	1.8	259	16	2.5	0.0
19/06/2024 08:00	1.9	264	15	2.5	0.0
19/06/2024 08:10	1.6	265	17	2.2	0.0
19/06/2024 08:20	1.8	267	19	2.7	0.0
19/06/2024 08:30	1.7	255	21	2.5	0.0
19/06/2024 08:40	1.6	242	21	2.6	0.0
19/06/2024 08:50	1.5	198	23	2.4	0.0
19/06/2024 09:00	1.5	182	22	2.3	0.0
19/06/2024 09:10	1.7	185	29	2.7	0.0
19/06/2024 09:20	1.6	169	26	2.7	0.0
19/06/2024 09:30	1.8	178	30	2.8	0.0
19/06/2024 09:40	1.5	134	33	2.5	0.0
19/06/2024 09:50	1.3	115	29	2.6	0.0
19/06/2024 10:00	1.2	120	29	2.1	0.0
19/06/2024 10:10	1.2	134	27	2.1	0.0
19/06/2024 10:20	1.2	119	33	2.4	0.0
19/06/2024 10:30	1.3	110	36	2.6	0.0
19/06/2024 10:40	1.5	117	35	2.9	0.0
19/06/2024 10:50	1.6	94	24	2.9	0.0
19/06/2024 11:00	1.5	95	34	2.6	0.0
19/06/2024 11:10	1.5	94	31	2.9	0.0
19/06/2024 11:20	1.4	53	23	2.4	0.0
19/06/2024 11:30	1.3	44	33	2.4	0.0
19/06/2024 11:40	1.5	51	26	2.4	0.0
19/06/2024 11:50	1.0	185	38	1.8	0.0
19/06/2024 12:00	1.4	303	46	2.9	0.0
19/06/2024 12:10	1.5	266	39	2.7	0.0
19/06/2024 12:20	0.6	180	23	1.5	0.0
19/06/2024 12:30	1.5	176	26	2.9	0.0
19/06/2024 12:40	2.2	149	29	4.0	0.0
19/06/2024 12:50	2.3	153	29	4.9	0.0
19/06/2024 13:00	2.5	157	25	4.0	0.0
19/06/2024 13:10	2.5	157	28	4.0	0.0
19/06/2024 13:20	2.3	146	28	3.8	0.0
19/06/2024 13:30	2.2	141	33	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 13:40	2.4	142	31	3.8	0.0
19/06/2024 13:50	2.1	137	31	3.5	0.0
19/06/2024 14:00	2.2	141	25	4.2	0.0
19/06/2024 14:10	2.2	154	27	3.6	0.0
19/06/2024 14:20	2.0	155	30	3.6	0.0
19/06/2024 14:30	2.0	139	28	3.3	0.0
19/06/2024 14:40	2.2	160	27	3.7	0.0
19/06/2024 14:50	2.0	155	27	3.6	0.0
19/06/2024 15:00	2.3	154	24	3.8	0.0
19/06/2024 15:10	3.4	168	26	5.7	0.0
19/06/2024 15:20	3.3	172	25	5.6	0.0
19/06/2024 15:30	3.7	174	21	6.4	0.0
19/06/2024 15:40	3.2	164	24	5.6	0.0
19/06/2024 15:50	2.9	168	24	5.3	0.0
19/06/2024 16:00	2.4	157	25	3.9	0.0
19/06/2024 16:10	2.6	150	26	4.8	0.0
19/06/2024 16:20	2.6	156	25	4.2	0.0
19/06/2024 16:30	2.2	154	25	3.8	0.0
19/06/2024 16:40	2.9	164	26	4.4	0.0
19/06/2024 16:50	2.6	165	26	4.4	0.0
19/06/2024 17:00	2.3	148	27	3.6	0.0
19/06/2024 17:10	2.6	162	24	4.3	0.0
19/06/2024 17:20	2.2	152	26	3.5	0.0
19/06/2024 17:30	2.2	164	28	3.7	0.0
19/06/2024 17:40	2.7	183	15	4.3	0.0
19/06/2024 17:50	3.4	185	15	5.5	0.0
19/06/2024 18:00	4.0	185	21	5.9	0.0
19/06/2024 18:10	3.6	179	21	5.9	0.0
19/06/2024 18:20	3.1	170	25	6.0	0.0
19/06/2024 18:30	3.1	165	24	5.7	0.0
19/06/2024 18:40	3.2	165	25	5.7	0.0
19/06/2024 18:50	2.5	155	24	4.4	0.0
19/06/2024 19:00	2.3	152	28	4.0	0.0
19/06/2024 19:10	2.2	165	23	3.7	0.0
19/06/2024 19:20	2.3	166	23	4.0	0.0
19/06/2024 19:30	2.4	161	27	4.1	0.0
19/06/2024 19:40	2.8	156	29	5.2	0.0
19/06/2024 19:50	2.4	148	27	4.4	0.0
19/06/2024 20:00	2.0	143	28	3.7	0.0
19/06/2024 20:10	2.4	131	30	3.8	0.0
19/06/2024 20:20	2.2	136	29	3.8	0.0
19/06/2024 20:30	2.0	131	31	3.9	0.0
19/06/2024 20:40	2.2	137	31	3.6	0.0
19/06/2024 20:50	2.2	143	27	4.3	0.0
19/06/2024 21:00	2.7	147	26	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 21:10	1.9	143	29	2.9	0.0
19/06/2024 21:20	2.4	146	30	4.4	0.0
19/06/2024 21:30	2.4	159	28	4.1	0.0
19/06/2024 21:40	2.3	147	26	3.7	0.0
19/06/2024 21:50	2.3	156	26	4.8	0.0
19/06/2024 22:00	2.2	157	23	3.7	0.0
19/06/2024 22:10	2.2	152	28	3.6	0.0
19/06/2024 22:20	1.9	139	27	3.5	0.0
19/06/2024 22:30	2.1	144	25	3.6	0.0
19/06/2024 22:40	1.6	143	26	3.1	0.0
19/06/2024 22:50	2.1	134	26	3.6	0.0
19/06/2024 23:00	1.8	146	25	3.3	0.0
19/06/2024 23:10	1.9	148	24	3.1	0.0
19/06/2024 23:20	1.6	154	29	3.0	0.1
19/06/2024 23:30	2.0	150	31	3.4	0.1
19/06/2024 23:40	2.1	146	26	3.5	0.0
19/06/2024 23:50	2.1	156	23	3.5	0.0
20/06/2024 00:00	2.3	156	23	3.7	0.0
20/06/2024 00:10	1.7	148	31	3.3	0.1
20/06/2024 00:20	2.1	163	21	3.7	0.1
20/06/2024 00:30	2.6	162	25	4.4	0.2
20/06/2024 00:40	2.1	152	24	3.9	0.1
20/06/2024 00:50	1.7	137	30	2.9	0.1
20/06/2024 01:00	1.4	133	33	2.6	0.3
20/06/2024 01:10	1.5	130	31	2.6	0.7
20/06/2024 01:20	1.5	105	29	2.7	0.4
20/06/2024 01:30	1.7	136	25	2.6	0.2
20/06/2024 01:40	2.2	130	29	4.4	0.1
20/06/2024 01:50	2.4	115	33	4.3	0.0
20/06/2024 02:00	2.2	105	33	3.6	0.0
20/06/2024 02:10	2.3	100	32	3.8	0.0
20/06/2024 02:20	2.1	110	36	4.7	0.0
20/06/2024 02:30	2.1	112	35	4.0	0.0
20/06/2024 02:40	2.1	107	35	4.3	0.0
20/06/2024 02:50	2.2	111	33	3.9	0.0
20/06/2024 03:00	2.7	104	30	4.8	0.0
20/06/2024 03:10	2.6	94	27	4.8	0.0
20/06/2024 03:20	2.4	97	29	4.5	0.0
20/06/2024 03:30	3.0	91	25	5.0	0.1
20/06/2024 03:40	2.9	94	29	4.8	0.0
20/06/2024 03:50	2.5	104	34	4.5	0.0
20/06/2024 04:00	2.7	105	35	4.1	0.0
20/06/2024 04:10	2.7	102	36	4.8	0.0
20/06/2024 04:20	2.6	103	33	4.5	0.0
20/06/2024 04:30	2.7	104	33	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 04:40	2.7	96	29	4.6	0.0
20/06/2024 04:50	2.3	100	31	3.9	0.0
20/06/2024 05:00	2.4	98	28	4.2	0.0
20/06/2024 05:10	2.6	92	28	4.4	0.0
20/06/2024 05:20	2.6	90	27	4.4	0.0
20/06/2024 05:30	2.4	96	28	4.8	0.0
20/06/2024 05:40	2.4	89	29	3.9	0.0
20/06/2024 05:50	3.0	91	22	5.0	0.0
20/06/2024 06:00	2.9	86	29	5.4	0.0
20/06/2024 06:10	3.1	87	22	4.9	0.0
20/06/2024 06:20	2.7	98	30	4.8	0.0
20/06/2024 06:30	3.0	94	30	4.8	0.0
20/06/2024 06:40	3.2	95	28	5.1	0.0
20/06/2024 06:50	3.2	88	33	5.3	0.0
20/06/2024 07:00	3.6	96	26	6.4	0.0
20/06/2024 07:10	3.2	88	30	6.2	0.0
20/06/2024 07:20	3.3	93	27	5.0	0.0
20/06/2024 07:30	3.1	90	22	5.2	0.0
20/06/2024 07:40	3.2	95	28	5.0	0.0
20/06/2024 07:50	3.2	95	27	5.4	0.0
20/06/2024 08:00	3.0	97	27	5.5	0.0
20/06/2024 08:10	3.5	98	30	5.8	0.0
20/06/2024 08:20	3.4	95	27	5.6	0.0
20/06/2024 08:30	3.6	99	29	7.1	0.0
20/06/2024 08:40	4.0	97	31	6.2	0.0
20/06/2024 08:50	3.8	100	30	6.4	0.0
20/06/2024 09:00	3.7	100	33	5.8	0.0
20/06/2024 09:10	4.0	111	31	6.5	0.0
20/06/2024 09:20	3.7	99	30	6.4	0.0
20/06/2024 09:30	3.9	104	27	6.4	0.0
20/06/2024 09:40	3.6	119	34	6.5	0.0
20/06/2024 09:50	3.8	108	37	6.5	0.0
20/06/2024 10:00	3.9	108	35	6.5	0.0
20/06/2024 10:10	4.0	105	31	6.9	0.0
20/06/2024 10:20	3.8	112	32	6.1	0.0
20/06/2024 10:30	3.7	108	30	6.2	0.0
20/06/2024 10:40	3.9	106	35	6.4	0.0
20/06/2024 10:50	3.8	109	30	5.9	0.0
20/06/2024 11:00	3.6	104	30	6.1	0.0
20/06/2024 11:10	3.5	102	36	5.5	0.0
20/06/2024 11:20	4.0	115	31	6.8	0.0
20/06/2024 11:30	3.6	112	29	6.2	0.0
20/06/2024 11:40	3.4	116	28	6.0	0.0
20/06/2024 11:50	3.6	111	32	5.6	0.0
20/06/2024 12:00	3.5	114	26	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 12:10	3.6	104	26	6.0	0.0
20/06/2024 12:20	3.3	106	29	5.6	0.0
20/06/2024 12:30	3.4	103	37	6.0	0.0
20/06/2024 12:40	3.6	104	32	6.7	0.0
20/06/2024 12:50	3.6	103	29	5.9	0.0
20/06/2024 13:00	3.6	97	32	6.2	0.0
20/06/2024 13:10	3.1	95	30	5.6	0.0
20/06/2024 13:20	3.5	90	27	6.0	0.0
20/06/2024 13:30	3.4	82	22	5.7	0.0
20/06/2024 13:40	4.1	81	21	6.8	0.0
20/06/2024 13:50	3.4	78	23	5.5	0.0
20/06/2024 14:00	3.2	87	30	5.2	0.0
20/06/2024 14:10	3.2	77	21	5.1	0.0
20/06/2024 14:20	3.3	73	22	6.0	0.0
20/06/2024 14:30	3.3	75	23	5.2	0.0
20/06/2024 14:40	3.3	86	30	5.8	0.0
20/06/2024 14:50	3.2	80	28	5.1	0.0
20/06/2024 15:00	3.0	81	21	5.8	0.0
20/06/2024 15:10	3.1	85	24	5.1	0.0
20/06/2024 15:20	2.6	84	30	4.2	0.0
20/06/2024 15:30	3.0	88	27	5.2	0.0
20/06/2024 15:40	2.9	82	25	5.0	0.0
20/06/2024 15:50	2.6	93	28	4.5	0.0
20/06/2024 16:00	2.7	107	30	4.4	0.0
20/06/2024 16:10	2.6	106	34	4.6	0.0
20/06/2024 16:20	2.4	98	34	3.9	0.0
20/06/2024 16:30	2.4	106	35	4.6	0.0
20/06/2024 16:40	2.7	103	34	4.7	0.0
20/06/2024 16:50	2.7	106	29	5.0	0.0
20/06/2024 17:00	2.7	112	31	5.1	0.0
20/06/2024 17:10	2.5	106	33	4.4	0.0
20/06/2024 17:20	2.4	109	28	3.7	0.0
20/06/2024 17:30	2.3	116	26	4.0	0.0
20/06/2024 17:40	2.3	108	36	4.0	0.0
20/06/2024 17:50	2.1	108	33	3.4	0.0
20/06/2024 18:00	2.2	107	33	4.8	0.0
20/06/2024 18:10	2.4	103	36	4.0	0.0
20/06/2024 18:20	2.0	106	35	3.5	0.0
20/06/2024 18:30	2.0	98	29	3.5	0.0
20/06/2024 18:40	2.3	96	28	4.1	0.0
20/06/2024 18:50	2.3	96	28	3.7	0.0
20/06/2024 19:00	1.9	107	30	3.2	0.0
20/06/2024 19:10	2.2	112	32	4.1	0.0
20/06/2024 19:20	2.4	107	29	4.5	0.0
20/06/2024 19:30	2.3	108	31	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 19:40	2.2	108	36	3.9	0.0
20/06/2024 19:50	2.2	106	29	3.7	0.0
20/06/2024 20:00	2.3	105	29	3.6	0.0
20/06/2024 20:10	2.2	103	29	4.2	0.0
20/06/2024 20:20	2.5	104	34	4.3	0.0
20/06/2024 20:30	2.5	112	30	4.2	0.0
20/06/2024 20:40	2.2	112	28	3.7	0.0
20/06/2024 20:50	2.3	114	34	3.7	0.0
20/06/2024 21:00	2.6	110	31	4.4	0.0
20/06/2024 21:10	2.3	112	35	4.2	0.0
20/06/2024 21:20	2.2	112	28	3.6	0.0
20/06/2024 21:30	2.2	118	29	4.3	0.0
20/06/2024 21:40	2.1	108	30	3.6	0.0
20/06/2024 21:50	2.2	106	34	4.6	0.0
20/06/2024 22:00	2.3	104	35	4.0	0.0
20/06/2024 22:10	2.1	103	32	3.9	0.0
20/06/2024 22:20	2.7	96	33	4.6	0.0
20/06/2024 22:30	2.5	108	31	4.3	0.0
20/06/2024 22:40	2.3	106	30	3.8	0.0
20/06/2024 22:50	2.2	103	33	3.9	0.0
20/06/2024 23:00	2.0	102	34	3.2	0.0
20/06/2024 23:10	2.7	101	31	4.7	0.0
20/06/2024 23:20	2.7	105	32	4.4	0.0
20/06/2024 23:30	3.2	100	25	5.3	0.0
20/06/2024 23:40	2.8	99	45	4.5	0.0
20/06/2024 23:50	3.0	103	28	5.1	0.0
21/06/2024 00:00	2.9	96	30	5.4	0.0
21/06/2024 00:10	2.5	101	35	4.0	0.0
21/06/2024 00:20	3.1	107	34	5.5	0.0
21/06/2024 00:30	2.8	113	34	4.9	0.0
21/06/2024 00:40	2.8	108	35	5.0	0.0
21/06/2024 00:50	2.8	109	35	5.5	0.0
21/06/2024 01:00	2.9	108	39	6.4	0.0
21/06/2024 01:10	2.8	111	35	5.2	0.0
21/06/2024 01:20	2.2	108	33	3.4	0.0
21/06/2024 01:30	2.4	103	32	4.3	0.0
21/06/2024 01:40	2.5	101	30	4.4	0.0
21/06/2024 01:50	2.5	106	33	4.7	0.0
21/06/2024 02:00	3.2	109	31	5.3	0.0
21/06/2024 02:10	3.1	109	33	5.2	0.0
21/06/2024 02:20	2.6	111	32	4.3	0.0
21/06/2024 02:30	3.0	103	35	5.0	0.0
21/06/2024 02:40	3.0	117	34	5.2	0.0
21/06/2024 02:50	2.9	114	33	5.2	0.0
21/06/2024 03:00	2.9	112	34	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 03:10	3.3	111	36	5.3	0.0
21/06/2024 03:20	3.3	109	29	5.6	0.0
21/06/2024 03:30	3.3	107	30	5.5	0.0
21/06/2024 03:40	3.2	102	37	5.7	0.0
21/06/2024 03:50	2.7	100	32	5.2	0.0
21/06/2024 04:00	2.9	104	34	5.0	0.0
21/06/2024 04:10	3.0	108	29	5.4	0.0
21/06/2024 04:20	3.3	113	34	5.8	0.0
21/06/2024 04:30	3.0	105	29	5.2	0.0
21/06/2024 04:40	3.2	99	31	5.0	0.0
21/06/2024 04:50	2.8	103	30	5.2	0.0
21/06/2024 05:00	3.1	98	30	4.8	0.0
21/06/2024 05:10	3.4	101	30	5.5	0.0
21/06/2024 05:20	3.1	110	28	5.3	0.0
21/06/2024 05:30	2.7	110	37	4.6	0.0
21/06/2024 05:40	3.0	109	31	5.6	0.0
21/06/2024 05:50	3.0	105	30	5.0	0.0
21/06/2024 06:00	2.7	102	33	4.7	0.0
21/06/2024 06:10	2.9	97	35	5.8	0.0
21/06/2024 06:20	3.3	96	27	5.1	0.0
21/06/2024 06:30	3.1	103	37	5.2	0.0
21/06/2024 06:40	3.1	94	26	5.3	0.0
21/06/2024 06:50	3.4	90	21	5.4	0.0
21/06/2024 07:00	3.3	90	26	5.2	0.0
21/06/2024 07:10	2.9	96	30	5.1	0.0
21/06/2024 07:20	3.2	103	38	5.5	0.0
21/06/2024 07:30	3.4	101	25	5.9	0.0
21/06/2024 07:40	3.1	103	32	5.6	0.0
21/06/2024 07:50	3.0	100	35	5.4	0.0
21/06/2024 08:00	2.9	92	32	5.1	0.0
21/06/2024 08:10	3.4	91	27	5.4	0.0
21/06/2024 08:20	3.0	87	35	5.2	0.0
21/06/2024 08:30	3.3	102	30	6.0	0.0
21/06/2024 08:40	3.6	99	32	5.7	0.0
21/06/2024 08:50	3.5	93	27	5.5	0.0
21/06/2024 09:00	3.7	97	30	6.0	0.0
21/06/2024 09:10	3.7	101	29	6.2	0.0
21/06/2024 09:20	3.4	101	29	6.2	0.0
21/06/2024 09:30	4.1	88	26	7.2	0.0
21/06/2024 09:40	3.7	89	25	6.0	0.0
21/06/2024 09:50	3.7	92	27	5.8	0.0
21/06/2024 10:00	4.0	83	27	6.9	0.0
21/06/2024 10:10	4.1	88	28	6.4	0.0
21/06/2024 10:20	3.6	92	33	6.0	0.0
21/06/2024 10:30	4.0	85	21	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 10:40	4.1	85	25	6.3	0.0
21/06/2024 10:50	3.9	83	27	6.5	0.0
21/06/2024 11:00	3.8	78	21	6.2	0.0
21/06/2024 11:10	4.0	76	20	6.4	0.0
21/06/2024 11:20	3.6	80	24	5.6	0.0
21/06/2024 11:30	3.8	76	25	6.0	0.0
21/06/2024 11:40	3.9	77	23	6.3	0.0
21/06/2024 11:50	3.6	78	26	6.1	0.0
21/06/2024 12:00	3.5	71	28	5.8	0.0
21/06/2024 12:10	3.5	76	24	5.6	0.0
21/06/2024 12:20	3.2	79	25	5.6	0.0
21/06/2024 12:30	3.5	76	25	5.4	0.0
21/06/2024 12:40	3.3	69	21	5.2	0.0
21/06/2024 12:50	3.3	70	21	4.9	0.0
21/06/2024 13:00	3.3	82	22	5.1	0.0
21/06/2024 13:10	3.3	75	23	5.2	0.0
21/06/2024 13:20	3.5	83	26	5.7	0.0
21/06/2024 13:30	3.3	77	23	5.1	0.0
21/06/2024 13:40	3.2	83	23	5.3	0.0
21/06/2024 13:50	3.4	82	22	5.1	0.0
21/06/2024 14:00	3.0	80	26	4.9	0.0
21/06/2024 14:10	3.1	77	24	5.2	0.0
21/06/2024 14:20	3.1	72	24	4.6	0.0
21/06/2024 14:30	2.9	76	25	4.5	0.0
21/06/2024 14:40	3.1	68	19	4.9	0.0
21/06/2024 14:50	3.1	67	24	4.8	0.0
21/06/2024 15:00	3.0	65	21	4.2	0.0
21/06/2024 15:10	3.0	67	21	4.8	0.0
21/06/2024 15:20	2.8	66	23	4.8	0.0
21/06/2024 15:30	2.8	65	18	5.1	0.0
21/06/2024 15:40	2.7	70	21	4.5	0.0
21/06/2024 15:50	2.7	64	24	4.5	0.0
21/06/2024 16:00	2.5	65	22	3.7	0.0
21/06/2024 16:10	2.4	68	24	3.9	0.0
21/06/2024 16:20	2.4	64	21	3.9	0.0
21/06/2024 16:30	2.4	60	22	3.9	0.0
21/06/2024 16:40	2.1	66	21	3.6	0.0
21/06/2024 16:50	2.0	57	24	3.6	0.0
21/06/2024 17:00	2.1	50	22	3.5	0.0
21/06/2024 17:10	2.0	52	16	3.6	0.0
21/06/2024 17:20	1.9	50	17	3.0	0.0
21/06/2024 17:30	1.9	48	19	3.4	0.0
21/06/2024 17:40	1.7	42	17	2.7	0.0
21/06/2024 17:50	1.4	45	15	2.1	0.0
21/06/2024 18:00	1.5	40	18	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 18:10	1.3	41	17	2.0	0.0
21/06/2024 18:20	1.2	41	18	2.0	0.0
21/06/2024 18:30	1.2	42	17	1.9	0.0
21/06/2024 18:40	0.7	42	13	1.4	0.0
21/06/2024 18:50	1.0	34	18	1.6	0.0
21/06/2024 19:00	0.5	58	10	1.2	0.0
21/06/2024 19:10					0.0
21/06/2024 19:20	0.3	28	9	0.8	0.0
21/06/2024 19:30					0.0
21/06/2024 19:40	0.6	29	14	1.0	0.0
21/06/2024 19:50	0.7	36	16	1.2	0.0
21/06/2024 20:00	0.3	42	11	0.8	0.0
21/06/2024 20:10	0.1	34	8	0.4	0.0
21/06/2024 20:20					0.0
21/06/2024 20:30					0.0
21/06/2024 20:40	0.1	203	13	0.8	0.0
21/06/2024 20:50	0.0	240	0	0.4	0.0
21/06/2024 21:00					0.0
21/06/2024 21:10	0.0	223	0	0.4	0.0
21/06/2024 21:20					0.0
21/06/2024 21:30					0.0
21/06/2024 21:40					0.0
21/06/2024 21:50	0.0	46	0	0.4	0.0
21/06/2024 22:00	0.0	53	2	0.4	0.0
21/06/2024 22:10	0.0	32	0	0.4	0.0
21/06/2024 22:20					0.0
21/06/2024 22:30					0.0
21/06/2024 22:40	0.0	70	1	0.4	0.0
21/06/2024 22:50					0.0
21/06/2024 23:00	0.0	24	0	0.4	0.0
21/06/2024 23:10	0.0	48	2	0.4	0.0
21/06/2024 23:20	0.0	42	0	0.4	0.0
21/06/2024 23:30					0.0
21/06/2024 23:40					0.0
21/06/2024 23:50					0.0
22/06/2024 00:00					0.0
22/06/2024 00:10					0.0
22/06/2024 00:20					0.0
22/06/2024 00:30	0.0	318	1	0.4	0.0
22/06/2024 00:40	0.0	345	1	0.4	0.0
22/06/2024 00:50	0.0	307	0	0.4	0.0
22/06/2024 01:00	0.0	31	0	0.4	0.0
22/06/2024 01:10	0.4	72	21	1.6	0.0
22/06/2024 01:20	0.2	97	21	1.6	0.0
22/06/2024 01:30	0.5	87	24	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 01:40	0.4	75	22	1.2	0.0
22/06/2024 01:50	0.9	77	20	1.8	0.0
22/06/2024 02:00	1.2	78	20	2.4	0.0
22/06/2024 02:10	1.5	79	21	2.4	0.0
22/06/2024 02:20	1.4	81	17	2.2	0.0
22/06/2024 02:30	1.2	78	20	2.1	0.0
22/06/2024 02:40	0.9	73	23	1.6	0.0
22/06/2024 02:50	1.2	76	21	2.1	0.0
22/06/2024 03:00	1.0	80	23	1.6	0.0
22/06/2024 03:10	1.0	82	25	2.0	0.0
22/06/2024 03:20	1.3	85	22	2.2	0.0
22/06/2024 03:30	1.4	87	21	2.3	0.0
22/06/2024 03:40	1.6	86	21	2.7	0.0
22/06/2024 03:50	1.9	94	23	2.9	0.0
22/06/2024 04:00	1.7	89	28	3.2	0.0
22/06/2024 04:10	2.5	87	24	4.5	0.0
22/06/2024 04:20	2.1	98	26	4.3	0.0
22/06/2024 04:30	2.1	96	27	3.7	0.0
22/06/2024 04:40	2.2	96	28	3.9	0.0
22/06/2024 04:50	2.1	100	30	3.4	0.0
22/06/2024 05:00	2.5	98	29	4.0	0.0
22/06/2024 05:10	2.0	100	35	3.4	0.0
22/06/2024 05:20	2.3	96	30	3.8	0.0
22/06/2024 05:30	2.2	98	33	3.8	0.0
22/06/2024 05:40	2.5	95	28	4.4	0.0
22/06/2024 05:50	2.3	94	31	4.0	0.0
22/06/2024 06:00	2.4	92	22	4.0	0.0
22/06/2024 06:10	2.0	95	32	3.6	0.0
22/06/2024 06:20	2.3	93	29	4.2	0.0
22/06/2024 06:30	2.1	91	31	3.6	0.0
22/06/2024 06:40	2.1	91	28	3.6	0.0
22/06/2024 06:50	2.1	98	29	3.8	0.0
22/06/2024 07:00	2.3	94	25	3.8	0.0
22/06/2024 07:10	2.4	96	32	4.2	0.0
22/06/2024 07:20	2.5	94	30	5.3	0.0
22/06/2024 07:30	2.7	92	23	4.8	0.0
22/06/2024 07:40	2.3	88	24	3.8	0.0
22/06/2024 07:50	2.5	97	26	4.4	0.0
22/06/2024 08:00	2.9	96	34	4.8	0.0
22/06/2024 08:10	2.8	97	27	4.2	0.0
22/06/2024 08:20	3.1	95	28	5.2	0.0
22/06/2024 08:30	2.8	100	29	4.7	0.0
22/06/2024 08:40	3.0	97	30	4.8	0.0
22/06/2024 08:50	3.0	100	27	4.5	0.0
22/06/2024 09:00	2.8	95	27	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 09:10	2.5	97	27	4.5	0.0
22/06/2024 09:20	2.9	103	35	4.8	0.0
22/06/2024 09:30	3.1	96	29	4.6	0.0
22/06/2024 09:40	3.2	93	27	5.5	0.0
22/06/2024 09:50	3.1	90	29	5.3	0.0
22/06/2024 10:00	3.3	89	24	6.0	0.0
22/06/2024 10:10	3.7	80	27	6.0	0.0
22/06/2024 10:20	3.3	90	20	5.2	0.0
22/06/2024 10:30	3.1	84	22	5.6	0.0
22/06/2024 10:40	3.3	82	29	5.7	0.0
22/06/2024 10:50	3.3	82	23	5.2	0.0
22/06/2024 11:00	3.5	80	23	6.0	0.0
22/06/2024 11:10	3.9	84	23	6.3	0.0
22/06/2024 11:20	3.6	81	21	6.0	0.0
22/06/2024 11:30	3.7	75	24	5.8	0.0
22/06/2024 11:40	3.7	77	23	5.9	0.0
22/06/2024 11:50	3.8	82	21	5.7	0.0
22/06/2024 12:00	3.7	86	25	6.2	0.0
22/06/2024 12:10	3.5	89	31	5.6	0.0
22/06/2024 12:20	3.7	84	20	5.7	0.0
22/06/2024 12:30	3.2	83	24	5.0	0.0
22/06/2024 12:40	3.5	88	24	5.6	0.0
22/06/2024 12:50	3.2	74	24	5.2	0.0
22/06/2024 13:00	2.9	85	26	4.8	0.0
22/06/2024 13:10	3.1	90	25	5.1	0.0
22/06/2024 13:20	2.9	87	26	4.8	0.0
22/06/2024 13:30	3.0	82	28	4.9	0.0
22/06/2024 13:40	2.9	68	21	4.8	0.0
22/06/2024 13:50	2.8	61	22	4.8	0.0
22/06/2024 14:00	2.8	61	26	4.8	0.0
22/06/2024 14:10	2.9	62	21	4.0	0.0
22/06/2024 14:20	2.9	64	20	4.6	0.0
22/06/2024 14:30	2.6	64	22	4.5	0.0
22/06/2024 14:40	3.0	65	22	4.6	0.0
22/06/2024 14:50	2.8	65	21	4.4	0.0
22/06/2024 15:00	2.6	59	22	4.4	0.0
22/06/2024 15:10	2.8	59	24	4.9	0.0
22/06/2024 15:20	2.6	62	24	4.7	0.0
22/06/2024 15:30	2.7	64	24	4.7	0.0
22/06/2024 15:40	2.4	63	25	4.8	0.0
22/06/2024 15:50	2.5	59	23	4.3	0.0
22/06/2024 16:00	2.5	60	26	4.6	0.0
22/06/2024 16:10	2.4	66	24	4.0	0.0
22/06/2024 16:20	2.6	56	25	4.1	0.0
22/06/2024 16:30	2.6	54	23	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 16:40	2.8	47	20	4.9	0.0
22/06/2024 16:50	2.7	51	21	4.4	0.0
22/06/2024 17:00	2.3	48	18	4.0	0.0
22/06/2024 17:10	2.6	50	20	4.9	0.0
22/06/2024 17:20	2.4	45	16	3.6	0.0
22/06/2024 17:30	2.3	46	16	3.5	0.0
22/06/2024 17:40	2.1	41	19	3.2	0.0
22/06/2024 17:50	2.1	44	21	3.2	0.0
22/06/2024 18:00	1.7	43	17	2.8	0.0
22/06/2024 18:10	1.7	37	20	2.5	0.0
22/06/2024 18:20	1.7	37	19	2.4	0.0
22/06/2024 18:30	1.5	31	21	2.4	0.0
22/06/2024 18:40	1.7	21	19	2.6	0.0
22/06/2024 18:50	1.8	21	17	2.9	0.0
22/06/2024 19:00	1.8	23	20	2.8	0.0
22/06/2024 19:10	1.4	24	15	2.4	0.0
22/06/2024 19:20	0.8	35	24	1.6	0.0
22/06/2024 19:30	0.0	36	14	0.4	0.0
22/06/2024 19:40					0.0
22/06/2024 19:50					0.0
22/06/2024 20:00					0.0
22/06/2024 20:10					0.0
22/06/2024 20:20	0.2	182	6	0.6	0.0
22/06/2024 20:30	0.5	356	16	0.8	0.0
22/06/2024 20:40	0.3	181	13	0.8	0.0
22/06/2024 20:50	0.5	348	13	1.0	0.0
22/06/2024 21:00	0.4	9	16	0.9	0.0
22/06/2024 21:10	0.6	5	18	0.9	0.0
22/06/2024 21:20	0.2	19	5	0.6	0.0
22/06/2024 21:30	0.1	9	5	0.6	0.0
22/06/2024 21:40	0.7	343	11	1.0	0.0
22/06/2024 21:50	0.2	179	7	0.5	0.0
22/06/2024 22:00	0.4	10	10	0.8	0.0
22/06/2024 22:10	0.7	178	12	1.1	0.0
22/06/2024 22:20	0.3	33	18	0.8	0.0
22/06/2024 22:30	0.2	16	13	0.8	0.0
22/06/2024 22:40	0.5	164	10	1.0	0.0
22/06/2024 22:50	0.4	348	8	0.8	0.0
22/06/2024 23:00	0.3	351	10	0.9	0.0
22/06/2024 23:10	0.7	330	14	1.0	0.0
22/06/2024 23:20	0.6	344	10	1.2	0.0
22/06/2024 23:30	0.5	2	16	1.1	0.0
22/06/2024 23:40	0.2	10	10	0.6	0.0
22/06/2024 23:50	0.2	350	10	0.7	0.0
23/06/2024 00:00	0.2	177	7	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 00:10	0.6	342	9	1.2	0.0
23/06/2024 00:20	0.7	336	7	1.0	0.0
23/06/2024 00:30	0.5	347	11	1.0	0.0
23/06/2024 00:40	0.6	14	14	1.1	0.0
23/06/2024 00:50	0.3	27	14	0.8	0.0
23/06/2024 01:00	0.4	32	19	0.8	0.0
23/06/2024 01:10	0.4	200	18	1.1	0.0
23/06/2024 01:20	0.4	7	12	0.8	0.0
23/06/2024 01:30	0.4	23	17	0.9	0.0
23/06/2024 01:40	0.5	1	12	0.9	0.0
23/06/2024 01:50	0.8	175	14	1.1	0.0
23/06/2024 02:00	1.0	341	10	1.3	0.0
23/06/2024 02:10	0.9	346	14	1.3	0.0
23/06/2024 02:20	0.9	181	14	1.3	0.0
23/06/2024 02:30	0.8	9	17	1.1	0.0
23/06/2024 02:40	0.6	183	17	1.0	0.0
23/06/2024 02:50	0.8	347	11	1.2	0.0
23/06/2024 03:00	1.0	343	13	1.2	0.0
23/06/2024 03:10	0.9	345	10	1.3	0.0
23/06/2024 03:20	1.0	342	10	1.3	0.0
23/06/2024 03:30	0.7	345	11	1.0	0.0
23/06/2024 03:40	1.0	346	11	1.4	0.0
23/06/2024 03:50	1.1	349	14	1.6	0.0
23/06/2024 04:00	1.0	290	14	2.2	0.0
23/06/2024 04:10	1.5	316	26	2.4	0.0
23/06/2024 04:20	1.3	269	30	2.7	0.0
23/06/2024 04:30	0.3	306	15	1.0	0.0
23/06/2024 04:40	0.5	277	14	1.2	0.0
23/06/2024 04:50	1.0	339	12	1.5	0.0
23/06/2024 05:00	1.3	341	9	1.5	0.0
23/06/2024 05:10	0.9	341	10	1.4	0.0
23/06/2024 05:20	0.1	326	16	0.6	0.0
23/06/2024 05:30	0.4	179	14	0.9	0.0
23/06/2024 05:40	0.6	177	19	1.2	0.0
23/06/2024 05:50	0.3	37	14	0.7	0.0
23/06/2024 06:00	0.5	336	11	1.0	0.0
23/06/2024 06:10	1.0	345	11	1.4	0.0
23/06/2024 06:20	1.3	339	12	1.6	0.0
23/06/2024 06:30	1.2	352	14	1.6	0.0
23/06/2024 06:40	1.2	5	19	1.8	0.0
23/06/2024 06:50	0.7	17	29	1.3	0.0
23/06/2024 07:00	0.6	350	14	1.0	0.0
23/06/2024 07:10	0.0	188	3	0.4	0.0
23/06/2024 07:20	0.4	358	14	0.8	0.0
23/06/2024 07:30	0.3	10	11	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 07:40	0.0	344	6	0.5	0.0
23/06/2024 07:50	0.4	176	12	0.9	0.0
23/06/2024 08:00	0.2	30	16	0.8	0.0
23/06/2024 08:10	0.5	96	17	1.4	0.0
23/06/2024 08:20	0.8	113	31	1.8	0.0
23/06/2024 08:30	1.6	100	23	2.5	0.0
23/06/2024 08:40	1.5	107	32	2.5	0.0
23/06/2024 08:50	1.7	108	30	2.7	0.0
23/06/2024 09:00	1.6	109	29	2.8	0.0
23/06/2024 09:10	1.8	97	26	3.2	0.0
23/06/2024 09:20	1.9	105	29	3.0	0.0
23/06/2024 09:30	1.9	110	27	2.9	0.0
23/06/2024 09:40	1.9	119	27	3.1	0.0
23/06/2024 09:50	1.7	111	32	2.6	0.0
23/06/2024 10:00	2.0	131	25	3.0	0.0
23/06/2024 10:10	1.7	118	36	2.8	0.0
23/06/2024 10:20	1.8	125	28	3.0	0.0
23/06/2024 10:30	1.8	118	28	2.8	0.0
23/06/2024 10:40	1.6	117	26	2.6	0.0
23/06/2024 10:50	1.7	119	31	2.8	0.0
23/06/2024 11:00	1.9	114	26	3.1	0.0
23/06/2024 11:10	1.9	108	28	3.2	0.0
23/06/2024 11:20	1.9	111	28	3.2	0.0
23/06/2024 11:30	2.2	86	30	3.6	0.0
23/06/2024 11:40	2.3	74	23	3.6	0.0
23/06/2024 11:50	2.4	67	26	3.6	0.0
23/06/2024 12:00	2.3	64	23	4.6	0.0
23/06/2024 12:10	2.6	61	24	4.2	0.0
23/06/2024 12:20	2.8	65	26	4.4	0.0
23/06/2024 12:30	2.4	67	23	4.3	0.0
23/06/2024 12:40	2.5	66	24	4.1	0.0
23/06/2024 12:50	2.3	71	25	4.2	0.0
23/06/2024 13:00	2.4	88	29	4.4	0.0
23/06/2024 13:10	2.4	61	25	4.6	0.0
23/06/2024 13:20	2.4	68	23	4.0	0.0
23/06/2024 13:30	2.5	64	23	4.0	0.0
23/06/2024 13:40	2.6	61	26	4.4	0.0
23/06/2024 13:50	2.4	68	24	3.8	0.0
23/06/2024 14:00	2.6	56	22	4.4	0.0
23/06/2024 14:10	2.4	62	22	3.7	0.0
23/06/2024 14:20	2.4	56	24	4.1	0.0
23/06/2024 14:30	2.5	66	23	3.8	0.0
23/06/2024 14:40	2.9	59	21	4.4	0.0
23/06/2024 14:50	2.9	55	20	4.8	0.0
23/06/2024 15:00	3.0	55	23	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 15:10	2.6	55	21	4.4	0.0
23/06/2024 15:20	2.7	60	20	4.2	0.0
23/06/2024 15:30	2.5	66	21	4.0	0.0
23/06/2024 15:40	2.4	53	22	4.4	0.0
23/06/2024 15:50	2.6	52	20	4.6	0.0
23/06/2024 16:00	2.4	65	22	3.9	0.0
23/06/2024 16:10	2.5	55	22	4.1	0.0
23/06/2024 16:20	2.1	57	24	3.8	0.0
23/06/2024 16:30	1.9	56	20	3.2	0.0
23/06/2024 16:40	1.9	55	19	3.2	0.0
23/06/2024 16:50	1.8	61	20	2.8	0.0
23/06/2024 17:00	1.7	55	20	2.6	0.0
23/06/2024 17:10	1.5	55	16	2.4	0.0
23/06/2024 17:20	1.6	50	15	2.2	0.0
23/06/2024 17:30	1.7	37	21	2.8	0.0
23/06/2024 17:40	1.8	35	22	2.8	0.0
23/06/2024 17:50	1.8	37	22	2.8	0.0
23/06/2024 18:00	1.6	27	28	3.0	0.0
23/06/2024 18:10	1.3	180	33	2.8	0.0
23/06/2024 18:20	1.2	344	30	2.5	0.0
23/06/2024 18:30	1.3	177	33	2.6	0.0
23/06/2024 18:40	1.3	174	29	2.5	0.0
23/06/2024 18:50	1.2	180	31	2.5	0.0
23/06/2024 19:00	1.5	337	26	2.5	0.0
23/06/2024 19:10	1.4	325	27	2.3	0.0
23/06/2024 19:20	1.2	342	32	2.2	0.0
23/06/2024 19:30	1.4	180	25	2.3	0.0
23/06/2024 19:40	0.8	14	35	1.7	0.0
23/06/2024 19:50	0.3	186	25	1.1	0.0
23/06/2024 20:00	0.1	33	27	1.0	0.0
23/06/2024 20:10	0.1	82	14	1.1	0.0
23/06/2024 20:20					0.0
23/06/2024 20:30	0.3	193	22	0.8	0.0
23/06/2024 20:40	0.4	60	26	0.9	0.0
23/06/2024 20:50					0.0
23/06/2024 21:00	0.0	197	0	0.4	0.0
23/06/2024 21:10					0.0
23/06/2024 21:20	0.0	57	3	0.6	0.0
23/06/2024 21:30					0.0
23/06/2024 21:40					0.0
23/06/2024 21:50					0.0
23/06/2024 22:00					0.0
23/06/2024 22:10					0.0
23/06/2024 22:20	0.9	329	6	1.4	0.0
23/06/2024 22:30	0.4	342	11	0.9	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 22:40	0.6	179	17	1.2	0.0
23/06/2024 22:50	0.1	192	5	0.5	0.0
23/06/2024 23:00	0.1	339	3	0.7	0.0
23/06/2024 23:10	0.8	292	17	1.2	0.0
23/06/2024 23:20	0.9	263	15	1.5	0.0
23/06/2024 23:30	0.3	162	10	1.0	0.0
23/06/2024 23:40	0.4	267	10	1.1	0.0
23/06/2024 23:50	0.9	248	9	1.3	0.0
24/06/2024 00:00	1.0	251	10	1.4	0.0
24/06/2024 00:10	1.4	251	8	2.0	0.0
24/06/2024 00:20	1.0	246	16	1.7	0.0
24/06/2024 00:30	1.3	246	10	1.7	0.0
24/06/2024 00:40	0.8	245	18	1.4	0.0
24/06/2024 00:50	0.1	221	19	0.8	0.0
24/06/2024 01:00	0.0	224	1	0.4	0.0
24/06/2024 01:10	0.0	154	0	0.4	0.0
24/06/2024 01:20	0.1	357	3	0.6	0.0
24/06/2024 01:30	0.3	329	11	0.8	0.0
24/06/2024 01:40	0.3	286	15	0.8	0.0
24/06/2024 01:50	0.8	276	11	1.2	0.0
24/06/2024 02:00	0.3	164	14	0.8	0.0
24/06/2024 02:10	0.1	169	3	0.6	0.0
24/06/2024 02:20	0.2	1	5	0.9	0.0
24/06/2024 02:30	0.3	347	10	0.8	0.0
24/06/2024 02:40	0.2	33	13	0.7	0.0
24/06/2024 02:50	0.2	28	8	0.7	0.0
24/06/2024 03:00	0.7	61	21	1.3	0.0
24/06/2024 03:10	0.3	46	14	0.9	0.0
24/06/2024 03:20	0.3	348	14	0.9	0.0
24/06/2024 03:30	0.2	88	19	0.8	0.0
24/06/2024 03:40	0.1	92	19	0.8	0.0
24/06/2024 03:50	0.2	35	15	0.8	0.0
24/06/2024 04:00	0.0	7	0	0.4	0.0
24/06/2024 04:10	0.3	19	17	0.7	0.0
24/06/2024 04:20	0.1	185	16	0.7	0.0
24/06/2024 04:30					0.0
24/06/2024 04:40	0.2	41	13	0.8	0.0
24/06/2024 04:50	0.3	44	19	0.8	0.0
24/06/2024 05:00	0.5	39	17	1.1	0.0
24/06/2024 05:10	0.6	42	18	1.2	0.0
24/06/2024 05:20	0.4	47	16	1.2	0.0
24/06/2024 05:30	0.5	68	21	1.2	0.0
24/06/2024 05:40	0.5	52	23	1.2	0.0
24/06/2024 05:50	0.5	84	17	1.6	0.0
24/06/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 06:10					0.0
24/06/2024 06:20	0.1	48	14	1.1	0.0
24/06/2024 06:30	0.5	103	23	1.4	0.0
24/06/2024 06:40	0.9	85	30	2.0	0.0
24/06/2024 06:50	1.4	93	31	2.6	0.0
24/06/2024 07:00	1.5	101	31	2.6	0.0
24/06/2024 07:10	1.4	93	37	2.8	0.0
24/06/2024 07:20	1.5	96	36	2.9	0.0
24/06/2024 07:30	1.8	98	32	3.2	0.0
24/06/2024 07:40	1.8	107	34	3.4	0.0
24/06/2024 07:50	2.1	110	34	3.7	0.0
24/06/2024 08:00	2.3	107	31	3.7	0.0
24/06/2024 08:10	2.0	113	31	3.6	0.0
24/06/2024 08:20	2.2	107	32	4.0	0.0
24/06/2024 08:30	2.4	110	29	4.3	0.0
24/06/2024 08:40	2.4	111	32	3.7	0.0
24/06/2024 08:50	2.3	112	32	3.6	0.0
24/06/2024 09:00	2.4	117	34	4.2	0.0
24/06/2024 09:10	2.5	109	38	4.5	0.0
24/06/2024 09:20	2.7	115	32	4.3	0.0
24/06/2024 09:30	2.4	115	30	4.0	0.0
24/06/2024 09:40	2.7	103	31	4.8	0.0
24/06/2024 09:50	2.6	100	31	4.8	0.0
24/06/2024 10:00	2.6	100	31	4.5	0.0
24/06/2024 10:10	2.7	106	29	4.3	0.0
24/06/2024 10:20	2.4	102	33	4.3	0.0
24/06/2024 10:30	2.5	85	24	4.2	0.0
24/06/2024 10:40	2.9	88	29	5.0	0.0
24/06/2024 10:50	2.7	89	24	4.8	0.0
24/06/2024 11:00	3.0	71	24	4.6	0.0
24/06/2024 11:10	3.2	71	27	4.8	0.0
24/06/2024 11:20	2.9	82	24	4.7	0.0
24/06/2024 11:30	3.2	85	25	5.0	0.0
24/06/2024 11:40	2.8	81	24	4.5	0.0
24/06/2024 11:50	3.0	66	22	4.8	0.0
24/06/2024 12:00	3.3	57	23	5.2	0.0
24/06/2024 12:10	3.1	63	24	4.8	0.0
24/06/2024 12:20	3.3	62	22	5.3	0.0
24/06/2024 12:30	3.1	65	23	5.2	0.0
24/06/2024 12:40	3.2	62	20	4.7	0.0
24/06/2024 12:50	2.8	66	22	4.3	0.0
24/06/2024 13:00	2.8	62	21	4.4	0.0
24/06/2024 13:10	2.9	66	24	4.4	0.0
24/06/2024 13:20	3.0	63	22	4.5	0.0
24/06/2024 13:30	2.9	63	23	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 13:40	2.8	62	23	4.4	0.0
24/06/2024 13:50	3.0	59	21	4.5	0.0
24/06/2024 14:00	2.8	55	26	4.8	0.0
24/06/2024 14:10	2.6	64	27	4.2	0.0
24/06/2024 14:20	2.7	63	23	4.0	0.0
24/06/2024 14:30	2.6	63	24	3.9	0.0
24/06/2024 14:40	2.6	64	23	4.7	0.0
24/06/2024 14:50	2.9	68	25	4.4	0.0
24/06/2024 15:00	2.7	76	22	4.4	0.0
24/06/2024 15:10	2.6	70	20	4.2	0.0
24/06/2024 15:20	2.7	74	20	4.4	0.0
24/06/2024 15:30	2.6	71	22	4.2	0.0
24/06/2024 15:40	2.5	73	21	4.4	0.0
24/06/2024 15:50	2.6	66	22	4.6	0.0
24/06/2024 16:00	2.5	66	23	3.8	0.0
24/06/2024 16:10	2.4	68	22	3.7	0.0
24/06/2024 16:20	2.6	55	20	4.3	0.0
24/06/2024 16:30	2.1	64	22	3.6	0.0
24/06/2024 16:40	2.2	61	23	4.0	0.0
24/06/2024 16:50	2.4	51	22	4.2	0.0
24/06/2024 17:00	2.5	57	19	4.4	0.0
24/06/2024 17:10	2.4	52	20	4.0	0.0
24/06/2024 17:20	1.9	50	20	2.7	0.0
24/06/2024 17:30	2.2	51	17	3.3	0.0
24/06/2024 17:40	2.1	43	18	3.2	0.0
24/06/2024 17:50	1.8	39	20	2.8	0.0
24/06/2024 18:00	1.8	37	19	3.0	0.0
24/06/2024 18:10	2.0	36	21	3.2	0.0
24/06/2024 18:20	1.8	38	18	2.9	0.0
24/06/2024 18:30	1.5	40	18	2.2	0.0
24/06/2024 18:40	1.5	32	15	2.4	0.0
24/06/2024 18:50	1.6	34	16	2.4	0.0
24/06/2024 19:00	1.4	37	15	2.0	0.0
24/06/2024 19:10	1.5	36	15	2.1	0.0
24/06/2024 19:20	1.5	34	17	2.7	0.0
24/06/2024 19:30	1.2	40	15	1.7	0.0
24/06/2024 19:40	1.8	33	17	2.8	0.0
24/06/2024 19:50	1.7	34	24	2.5	0.0
24/06/2024 20:00	2.0	29	25	3.4	0.0
24/06/2024 20:10	1.9	26	24	3.2	0.0
24/06/2024 20:20	1.8	21	25	3.0	0.0
24/06/2024 20:30	2.1	19	26	3.3	0.0
24/06/2024 20:40	2.1	25	22	3.2	0.0
24/06/2024 20:50	1.3	17	30	2.6	0.0
24/06/2024 21:00	1.5	27	25	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 21:10	1.8	24	21	2.7	0.0
24/06/2024 21:20	1.7	32	25	2.8	0.0
24/06/2024 21:30	1.6	30	27	2.7	0.0
24/06/2024 21:40	1.2	24	24	2.4	0.0
24/06/2024 21:50	0.5	27	18	1.5	0.0
24/06/2024 22:00	0.4	328	18	1.2	0.0
24/06/2024 22:10	0.1	200	6	0.5	0.0
24/06/2024 22:20	0.2	339	5	0.8	0.0
24/06/2024 22:30	0.2	184	8	0.8	0.0
24/06/2024 22:40	0.6	176	17	1.2	0.0
24/06/2024 22:50	0.8	344	14	1.3	0.0
24/06/2024 23:00	0.8	338	9	1.2	0.0
24/06/2024 23:10	0.6	340	13	1.1	0.0
24/06/2024 23:20	0.7	347	14	1.1	0.0
24/06/2024 23:30	0.2	339	7	0.9	0.0
24/06/2024 23:40	0.3	343	8	1.2	0.0
24/06/2024 23:50	0.5	340	17	1.2	0.0
25/06/2024 00:00	0.4	349	9	1.2	0.0
25/06/2024 00:10	1.1	328	12	1.4	0.0
25/06/2024 00:20	0.6	330	12	1.1	0.0
25/06/2024 00:30	0.7	346	11	1.3	0.0
25/06/2024 00:40	0.6	328	16	1.2	0.0
25/06/2024 00:50	0.9	325	12	1.2	0.0
25/06/2024 01:00	0.6	338	10	1.0	0.0
25/06/2024 01:10	0.3	171	14	0.9	0.0
25/06/2024 01:20	0.0	113	0	0.4	0.0
25/06/2024 01:30	0.3	257	30	0.8	0.0
25/06/2024 01:40	0.8	343	15	1.4	0.0
25/06/2024 01:50	0.2	351	12	1.2	0.0
25/06/2024 02:00	0.0	360	2	0.4	0.0
25/06/2024 02:10	0.4	176	10	1.1	0.0
25/06/2024 02:20	1.0	303	39	1.9	0.0
25/06/2024 02:30	0.6	308	30	1.2	0.0
25/06/2024 02:40	0.3	296	13	1.0	0.0
25/06/2024 02:50	0.1	260	8	0.9	0.0
25/06/2024 03:00	0.3	340	14	0.9	0.0
25/06/2024 03:10	0.4	344	11	0.9	0.0
25/06/2024 03:20	0.1	348	9	0.6	0.0
25/06/2024 03:30	0.4	347	10	1.2	0.0
25/06/2024 03:40	0.5	178	15	0.9	0.0
25/06/2024 03:50	0.5	173	12	1.1	0.0
25/06/2024 04:00	1.0	32	16	1.4	0.0
25/06/2024 04:10	0.7	32	16	1.3	0.0
25/06/2024 04:20	0.4	188	19	0.8	0.0
25/06/2024 04:30	0.3	351	10	1.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 04:40	0.4	6	17	0.9	0.0
25/06/2024 04:50	0.7	184	17	1.2	0.0
25/06/2024 05:00	0.7	181	18	1.0	0.0
25/06/2024 05:10	0.8	17	14	1.2	0.0
25/06/2024 05:20	0.7	21	18	1.2	0.0
25/06/2024 05:30	0.3	26	11	0.7	0.0
25/06/2024 05:40	0.2	49	13	0.8	0.0
25/06/2024 05:50	0.1	35	9	0.8	0.0
25/06/2024 06:00	0.0	84	10	0.4	0.0
25/06/2024 06:10	0.3	67	13	1.4	0.0
25/06/2024 06:20	0.1	56	10	0.6	0.0
25/06/2024 06:30					0.0
25/06/2024 06:40	0.0	19	4	0.4	0.0
25/06/2024 06:50					0.0
25/06/2024 07:00	0.2	27	7	0.7	0.0
25/06/2024 07:10	0.5	28	10	1.2	0.0
25/06/2024 07:20	0.9	33	15	1.4	0.0
25/06/2024 07:30	0.8	46	21	1.2	0.0
25/06/2024 07:40	0.9	50	17	1.5	0.0
25/06/2024 07:50	0.7	82	19	1.5	0.0
25/06/2024 08:00	0.6	99	27	1.4	0.0
25/06/2024 08:10	1.2	104	30	2.4	0.0
25/06/2024 08:20	1.5	99	27	2.9	0.0
25/06/2024 08:30	1.7	109	33	2.7	0.0
25/06/2024 08:40	2.1	104	31	3.5	0.0
25/06/2024 08:50	1.8	103	32	2.8	0.0
25/06/2024 09:00	1.5	103	34	2.7	0.0
25/06/2024 09:10	1.7	96	28	2.7	0.0
25/06/2024 09:20	2.0	100	30	3.1	0.0
25/06/2024 09:30	2.1	89	24	3.6	0.0
25/06/2024 09:40	2.3	88	25	3.9	0.0
25/06/2024 09:50	2.2	86	29	3.8	0.0
25/06/2024 10:00	2.4	89	25	4.0	0.0
25/06/2024 10:10	2.5	97	24	4.0	0.0
25/06/2024 10:20	2.4	83	27	3.8	0.0
25/06/2024 10:30	2.8	79	24	4.4	0.0
25/06/2024 10:40	2.9	89	27	4.8	0.0
25/06/2024 10:50	2.9	85	26	4.4	0.0
25/06/2024 11:00	2.9	94	27	4.7	0.0
25/06/2024 11:10	2.8	80	24	4.8	0.0
25/06/2024 11:20	3.0	89	22	4.6	0.0
25/06/2024 11:30	2.6	75	27	4.5	0.0
25/06/2024 11:40	3.0	88	24	4.8	0.0
25/06/2024 11:50	3.3	84	25	5.1	0.0
25/06/2024 12:00	3.0	75	26	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 12:10	3.2	63	23	5.4	0.0
25/06/2024 12:20	2.7	63	25	4.1	0.0
25/06/2024 12:30	3.0	68	26	4.7	0.0
25/06/2024 12:40	2.9	63	21	4.3	0.0
25/06/2024 12:50	3.1	64	21	5.0	0.0
25/06/2024 13:00	3.3	74	22	5.0	0.0
25/06/2024 13:10	3.0	72	18	4.8	0.0
25/06/2024 13:20	3.1	54	22	5.3	0.0
25/06/2024 13:30	3.0	54	25	5.2	0.0
25/06/2024 13:40	2.9	62	24	4.4	0.0
25/06/2024 13:50	2.8	63	23	4.6	0.0
25/06/2024 14:00	3.1	63	21	4.3	0.0
25/06/2024 14:10	3.0	66	22	4.6	0.0
25/06/2024 14:20	2.7	57	24	4.8	0.0
25/06/2024 14:30	2.7	62	22	4.5	0.0
25/06/2024 14:40	2.9	54	20	5.0	0.0
25/06/2024 14:50	2.8	65	20	4.8	0.0
25/06/2024 15:00	2.8	73	25	4.6	0.0
25/06/2024 15:10	2.9	63	23	4.8	0.0
25/06/2024 15:20	2.7	61	22	4.4	0.0
25/06/2024 15:30	2.8	59	26	4.9	0.0
25/06/2024 15:40	2.7	60	22	4.2	0.0
25/06/2024 15:50	2.7	53	27	4.8	0.0
25/06/2024 16:00	2.3	58	27	4.0	0.0
25/06/2024 16:10	2.2	58	24	3.7	0.0
25/06/2024 16:20	2.6	63	21	4.0	0.0
25/06/2024 16:30	2.3	50	21	4.0	0.0
25/06/2024 16:40	2.6	49	20	4.0	0.0
25/06/2024 16:50	2.2	56	23	3.9	0.0
25/06/2024 17:00	2.3	55	20	4.0	0.0
25/06/2024 17:10	2.3	57	22	4.4	0.0
25/06/2024 17:20	2.2	51	18	3.7	0.0
25/06/2024 17:30	2.1	46	20	3.6	0.0
25/06/2024 17:40	2.4	42	22	3.9	0.0
25/06/2024 17:50	2.3	50	18	3.5	0.0
25/06/2024 18:00	2.0	40	22	3.2	0.0
25/06/2024 18:10	2.1	44	22	3.2	0.0
25/06/2024 18:20	2.2	42	18	3.1	0.0
25/06/2024 18:30	1.9	42	18	3.2	0.0
25/06/2024 18:40	2.2	40	22	3.5	0.0
25/06/2024 18:50	1.9	37	20	3.3	0.0
25/06/2024 19:00	2.0	40	21	3.8	0.0
25/06/2024 19:10	1.9	40	22	3.3	0.0
25/06/2024 19:20	2.0	39	18	3.4	0.0
25/06/2024 19:30	1.8	37	21	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 19:40	1.7	38	18	2.8	0.0
25/06/2024 19:50	1.7	42	18	2.4	0.0
25/06/2024 20:00	1.5	37	19	2.4	0.0
25/06/2024 20:10	1.3	40	19	2.2	0.0
25/06/2024 20:20	1.3	44	17	2.0	0.0
25/06/2024 20:30	1.2	38	15	1.8	0.0
25/06/2024 20:40	0.9	41	14	1.4	0.0
25/06/2024 20:50	0.8	38	14	1.2	0.0
25/06/2024 21:00	0.6	41	12	1.2	0.0
25/06/2024 21:10	0.6	30	11	1.1	0.0
25/06/2024 21:20	0.8	36	13	1.1	0.0
25/06/2024 21:30	1.0	42	14	1.5	0.0
25/06/2024 21:40	1.0	39	13	1.4	0.0
25/06/2024 21:50	1.1	45	13	1.6	0.0
25/06/2024 22:00	1.0	44	13	1.6	0.0
25/06/2024 22:10	1.0	40	13	1.4	0.0
25/06/2024 22:20	1.0	44	13	1.5	0.0
25/06/2024 22:30	0.9	39	15	1.6	0.0
25/06/2024 22:40	1.2	44	13	1.6	0.0
25/06/2024 22:50	1.2	41	16	1.8	0.0
25/06/2024 23:00	1.1	39	14	1.7	0.0
25/06/2024 23:10	0.9	40	13	1.3	0.0
25/06/2024 23:20	1.1	46	11	1.8	0.0
25/06/2024 23:30	1.3	50	13	2.0	0.0
25/06/2024 23:40	1.0	47	17	1.5	0.0
25/06/2024 23:50	0.7	40	17	1.4	0.0
26/06/2024 00:00	1.3	48	15	2.1	0.0
26/06/2024 00:10	1.2	50	16	2.0	0.0
26/06/2024 00:20	1.1	50	14	1.6	0.0
26/06/2024 00:30	1.1	50	14	1.9	0.0
26/06/2024 00:40	1.1	46	17	1.7	0.0
26/06/2024 00:50	1.0	48	14	1.8	0.0
26/06/2024 01:00	0.9	49	12	1.2	0.0
26/06/2024 01:10	1.2	47	16	1.7	0.0
26/06/2024 01:20	1.0	50	12	1.5	0.0
26/06/2024 01:30	1.0	46	16	1.5	0.0
26/06/2024 01:40	0.7	45	18	1.4	0.0
26/06/2024 01:50	0.1	38	14	0.8	0.0
26/06/2024 02:00	0.0	65	0	0.4	0.0
26/06/2024 02:10	0.0	20	1	0.4	0.0
26/06/2024 02:20	0.3	29	11	0.8	0.0
26/06/2024 02:30	0.4	40	12	1.1	0.0
26/06/2024 02:40	0.9	46	16	1.4	0.0
26/06/2024 02:50	0.8	49	15	1.2	0.0
26/06/2024 03:00	0.8	49	19	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 03:10	0.5	41	16	1.2	0.0
26/06/2024 03:20	1.2	51	15	1.6	0.0
26/06/2024 03:30	0.8	48	17	1.6	0.0
26/06/2024 03:40	0.4	41	22	1.2	0.0
26/06/2024 03:50	0.4	35	20	0.8	0.0
26/06/2024 04:00	0.9	44	23	1.5	0.0
26/06/2024 04:10	1.2	48	17	1.8	0.0
26/06/2024 04:20	1.3	51	17	1.9	0.0
26/06/2024 04:30	1.4	53	17	2.4	0.0
26/06/2024 04:40	1.3	49	19	2.3	0.0
26/06/2024 04:50	0.6	35	26	1.3	0.0
26/06/2024 05:00	0.4	37	16	1.1	0.0
26/06/2024 05:10	1.6	48	18	2.5	0.0
26/06/2024 05:20	1.4	51	17	2.3	0.0
26/06/2024 05:30	1.2	49	21	2.0	0.0
26/06/2024 05:40	1.1	35	29	2.0	0.0
26/06/2024 05:50	0.5	189	21	1.4	0.0
26/06/2024 06:00	0.2	20	16	0.9	0.0
26/06/2024 06:10	0.2	138	42	0.8	0.0
26/06/2024 06:20	0.2	35	8	0.8	0.0
26/06/2024 06:30	0.7	38	19	1.4	0.0
26/06/2024 06:40	1.3	48	20	2.2	0.0
26/06/2024 06:50	0.5	43	26	1.0	0.0
26/06/2024 07:00	1.2	49	20	2.2	0.0
26/06/2024 07:10	1.2	46	22	2.1	0.0
26/06/2024 07:20	1.1	45	24	2.3	0.0
26/06/2024 07:30	1.4	51	22	2.5	0.0
26/06/2024 07:40	1.5	48	21	2.8	0.0
26/06/2024 07:50	1.6	51	20	2.5	0.0
26/06/2024 08:00	1.6	43	19	2.4	0.0
26/06/2024 08:10	1.9	43	22	3.0	0.0
26/06/2024 08:20	1.5	40	22	2.7	0.0
26/06/2024 08:30	1.4	22	31	2.8	0.0
26/06/2024 08:40	0.7	17	25	1.8	0.0
26/06/2024 08:50	1.3	38	24	2.5	0.0
26/06/2024 09:00	1.5	37	22	2.9	0.0
26/06/2024 09:10	2.0	35	26	3.6	0.0
26/06/2024 09:20	2.4	31	23	4.4	0.0
26/06/2024 09:30	2.4	28	25	5.2	0.0
26/06/2024 09:40	3.0	19	26	4.7	0.0
26/06/2024 09:50	2.6	24	26	4.1	0.0
26/06/2024 10:00	2.9	24	27	4.6	0.0
26/06/2024 10:10	2.9	19	26	4.6	0.0
26/06/2024 10:20	2.7	24	29	4.8	0.0
26/06/2024 10:30	2.8	18	30	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 10:40	2.9	20	32	5.0	0.0
26/06/2024 10:50	2.8	15	34	4.8	0.0
26/06/2024 11:00	3.2	22	28	5.1	0.0
26/06/2024 11:10	3.1	16	28	5.1	0.0
26/06/2024 11:20	3.5	18	29	5.3	0.0
26/06/2024 11:30	3.0	24	32	4.7	0.0
26/06/2024 11:40	3.0	20	32	5.0	0.0
26/06/2024 11:50	3.4	20	30	5.9	0.0
26/06/2024 12:00	3.1	23	29	5.1	0.0
26/06/2024 12:10	3.3	19	33	5.2	0.0
26/06/2024 12:20	3.1	15	29	5.5	0.0
26/06/2024 12:30	2.9	19	35	4.7	0.0
26/06/2024 12:40	3.3	23	28	5.6	0.0
26/06/2024 12:50	3.0	18	32	5.4	0.0
26/06/2024 13:00	3.3	18	32	5.4	0.0
26/06/2024 13:10	3.2	21	28	5.5	0.0
26/06/2024 13:20	3.3	23	31	5.2	0.0
26/06/2024 13:30	3.1	20	32	4.8	0.0
26/06/2024 13:40	3.1	14	30	5.6	0.0
26/06/2024 13:50	3.5	20	22	5.9	0.0
26/06/2024 14:00	2.9	22	33	5.0	0.0
26/06/2024 14:10	3.2	21	31	6.1	0.0
26/06/2024 14:20	3.4	21	32	5.5	0.0
26/06/2024 14:30	3.5	22	32	5.3	0.0
26/06/2024 14:40	2.5	19	33	4.3	0.0
26/06/2024 14:50	3.2	25	29	6.0	0.0
26/06/2024 15:00	3.2	17	31	4.9	0.0
26/06/2024 15:10	3.4	20	30	6.0	0.0
26/06/2024 15:20	3.2	22	32	5.2	0.0
26/06/2024 15:30	3.1	17	27	5.3	0.0
26/06/2024 15:40	3.0	21	29	5.6	0.0
26/06/2024 15:50	3.0	20	31	5.3	0.0
26/06/2024 16:00	3.2	16	30	5.2	0.0
26/06/2024 16:10	3.0	17	28	5.1	0.0
26/06/2024 16:20	2.9	32	28	4.5	0.0
26/06/2024 16:30	3.0	22	27	4.9	0.0
26/06/2024 16:40	2.6	25	28	5.3	0.0
26/06/2024 16:50	2.9	24	31	4.8	0.0
26/06/2024 17:00	2.6	27	27	4.5	0.0
26/06/2024 17:10	2.5	28	27	4.4	0.0
26/06/2024 17:20	2.3	35	24	3.8	0.0
26/06/2024 17:30	2.1	36	23	3.8	0.0
26/06/2024 17:40	2.5	33	21	4.4	0.0
26/06/2024 17:50	2.0	41	23	3.1	0.0
26/06/2024 18:00	2.2	36	24	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 18:10	2.1	41	29	3.6	0.0
26/06/2024 18:20	1.7	40	25	3.2	0.0
26/06/2024 18:30	1.8	44	19	2.9	0.0
26/06/2024 18:40	1.6	38	24	3.5	0.0
26/06/2024 18:50	1.6	43	23	2.6	0.0
26/06/2024 19:00	1.8	41	20	3.1	0.0
26/06/2024 19:10	2.0	44	22	4.0	0.0
26/06/2024 19:20	1.9	41	23	2.8	0.0
26/06/2024 19:30	2.0	45	20	3.1	0.0
26/06/2024 19:40	1.7	44	19	2.6	0.0
26/06/2024 19:50	1.8	46	18	3.1	0.0
26/06/2024 20:00	2.0	46	23	3.2	0.0
26/06/2024 20:10	1.7	42	17	3.0	0.0
26/06/2024 20:20	1.7	41	22	2.7	0.0
26/06/2024 20:30	1.9	43	22	3.0	0.0
26/06/2024 20:40	1.7	40	22	2.9	0.0
26/06/2024 20:50	2.0	46	19	3.6	0.0
26/06/2024 21:00	1.8	44	22	3.0	0.0
26/06/2024 21:10	1.6	42	24	2.3	0.0
26/06/2024 21:20	1.8	44	22	3.0	0.0
26/06/2024 21:30	1.7	42	20	2.7	0.0
26/06/2024 21:40	1.8	41	20	2.7	0.0
26/06/2024 21:50	1.8	40	21	2.8	0.0
26/06/2024 22:00	1.8	42	24	3.1	0.0
26/06/2024 22:10	1.8	46	20	3.2	0.0
26/06/2024 22:20	1.9	41	22	3.4	0.0
26/06/2024 22:30	1.8	42	22	3.0	0.0
26/06/2024 22:40	1.6	43	23	2.7	0.0
26/06/2024 22:50	1.9	42	22	3.2	0.0
26/06/2024 23:00	1.8	40	22	3.2	0.0
26/06/2024 23:10	1.7	45	19	2.8	0.0
26/06/2024 23:20	1.9	41	22	3.3	0.0
26/06/2024 23:30	1.5	38	21	2.7	0.0
26/06/2024 23:40	1.6	41	20	2.8	0.0
26/06/2024 23:50	1.7	40	21	2.8	0.0
27/06/2024 00:00	1.8	43	20	2.6	0.0
27/06/2024 00:10	1.8	48	17	2.5	0.0
27/06/2024 00:20	1.7	47	22	3.4	0.0
27/06/2024 00:30	1.9	42	21	3.2	0.0
27/06/2024 00:40	1.8	50	20	3.1	0.0
27/06/2024 00:50	1.8	46	18	3.0	0.0
27/06/2024 01:00	1.7	48	20	2.6	0.0
27/06/2024 01:10	1.7	44	21	2.4	0.0
27/06/2024 01:20	1.7	44	22	2.8	0.0
27/06/2024 01:30	1.7	40	21	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 01:40	1.8	48	23	3.1	0.0
27/06/2024 01:50	1.7	46	21	3.0	0.0
27/06/2024 02:00	1.7	46	20	2.4	0.0
27/06/2024 02:10	1.4	39	21	2.9	0.0
27/06/2024 02:20	1.0	30	27	1.9	0.0
27/06/2024 02:30	0.9	5	39	2.2	0.0
27/06/2024 02:40	0.6	147	58	1.8	0.0
27/06/2024 02:50	0.5	152	15	1.5	0.0
27/06/2024 03:00	0.1	71	18	0.6	0.0
27/06/2024 03:10					0.0
27/06/2024 03:20	0.2	83	35	0.6	0.0
27/06/2024 03:30					0.0
27/06/2024 03:40	0.1	259	4	0.6	0.0
27/06/2024 03:50	0.5	54	22	2.4	0.0
27/06/2024 04:00	1.2	53	33	2.2	0.0
27/06/2024 04:10	1.2	45	25	1.8	0.0
27/06/2024 04:20	1.2	57	13	1.9	0.0
27/06/2024 04:30	0.7	52	17	1.4	0.0
27/06/2024 04:40	0.4	114	29	1.0	0.0
27/06/2024 04:50	1.4	199	21	2.3	0.0
27/06/2024 05:00	0.5	238	9	1.4	0.0
27/06/2024 05:10	2.6	233	18	3.7	0.0
27/06/2024 05:20	2.8	219	14	4.1	0.0
27/06/2024 05:30	2.6	227	16	4.1	0.0
27/06/2024 05:40	2.3	240	16	3.8	0.0
27/06/2024 05:50	1.6	247	30	2.8	0.0
27/06/2024 06:00	1.7	248	18	2.8	0.0
27/06/2024 06:10	1.6	235	21	2.4	0.2
27/06/2024 06:20	1.3	229	22	2.6	0.0
27/06/2024 06:30	1.6	205	19	2.6	0.3
27/06/2024 06:40	1.1	243	15	2.0	0.0
27/06/2024 06:50	1.5	227	17	2.6	0.0
27/06/2024 07:00	1.2	221	20	2.0	0.1
27/06/2024 07:10	1.3	239	16	2.0	0.0
27/06/2024 07:20	1.7	248	20	3.0	0.0
27/06/2024 07:30	2.1	258	17	3.1	0.8
27/06/2024 07:40	2.6	244	15	3.9	0.1
27/06/2024 07:50	2.2	254	18	3.2	0.0
27/06/2024 08:00	1.9	249	23	3.2	0.0
27/06/2024 08:10	3.0	240	16	4.4	0.1
27/06/2024 08:20	3.1	246	16	4.2	0.1
27/06/2024 08:30	3.8	251	17	5.5	0.0
27/06/2024 08:40	2.2	244	28	3.8	0.6
27/06/2024 08:50	4.5	242	18	8.0	0.4
27/06/2024 09:00	3.9	244	17	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 09:10	4.2	253	14	6.3	0.9
27/06/2024 09:20	3.5	249	17	5.3	0.8
27/06/2024 09:30	2.5	262	20	4.4	0.6
27/06/2024 09:40	2.4	252	19	3.3	0.6
27/06/2024 09:50	1.8	252	24	2.5	0.2
27/06/2024 10:00	2.1	248	21	3.5	0.3
27/06/2024 10:10	2.0	256	26	3.2	0.0
27/06/2024 10:20	2.1	264	30	3.3	0.0
27/06/2024 10:30	2.2	269	37	3.9	0.0
27/06/2024 10:40	2.4	250	25	3.8	0.0
27/06/2024 10:50	1.5	295	48	2.4	0.0
27/06/2024 11:00	2.0	335	39	4.2	0.1
27/06/2024 11:10	1.9	22	38	4.0	0.0
27/06/2024 11:20	2.7	23	32	5.4	0.0
27/06/2024 11:30	3.0	15	31	4.8	0.0
27/06/2024 11:40	2.4	37	29	4.3	0.0
27/06/2024 11:50	2.0	21	38	4.1	0.0
27/06/2024 12:00	1.7	14	36	3.6	0.0
27/06/2024 12:10	1.7	184	36	3.6	0.0
27/06/2024 12:20	1.9	14	32	4.8	0.0
27/06/2024 12:30	2.6	16	31	4.6	0.0
27/06/2024 12:40	2.7	23	29	4.4	0.0
27/06/2024 12:50	2.9	12	33	4.9	0.0
27/06/2024 13:00	2.4	174	31	3.9	0.0
27/06/2024 13:10	2.2	352	32	3.6	0.0
27/06/2024 13:20	2.2	331	39	3.9	0.0
27/06/2024 13:30	2.5	340	35	4.8	0.0
27/06/2024 13:40	2.1	346	43	4.0	0.0
27/06/2024 13:50	2.2	176	38	4.4	0.0
27/06/2024 14:00	2.0	20	37	4.1	0.0
27/06/2024 14:10	2.3	29	37	3.8	0.0
27/06/2024 14:20	2.2	2	48	3.8	0.0
27/06/2024 14:30	2.1	333	35	4.0	0.0
27/06/2024 14:40	2.3	341	36	4.4	0.0
27/06/2024 14:50	2.1	8	39	3.6	0.0
27/06/2024 15:00	2.5	286	28	4.8	0.0
27/06/2024 15:10	2.5	253	25	3.9	0.0
27/06/2024 15:20	1.7	302	38	2.8	0.0
27/06/2024 15:30	1.9	265	37	3.6	0.0
27/06/2024 15:40	1.7	299	45	3.2	0.0
27/06/2024 15:50	1.2	307	44	2.4	0.0
27/06/2024 16:00	1.6	300	50	3.1	0.0
27/06/2024 16:10	1.6	296	51	3.3	0.0
27/06/2024 16:20	1.4	307	56	2.8	0.0
27/06/2024 16:30	2.0	325	42	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 16:40	2.4	339	35	4.0	0.0
27/06/2024 16:50	2.1	350	57	3.8	0.0
27/06/2024 17:00	2.1	354	40	4.2	0.0
27/06/2024 17:10	2.2	333	34	4.2	0.0
27/06/2024 17:20	1.9	327	39	3.4	0.0
27/06/2024 17:30	2.0	245	28	3.4	0.0
27/06/2024 17:40	1.5	243	39	2.7	0.0
27/06/2024 17:50	1.5	279	38	2.4	0.0
27/06/2024 18:00	2.6	265	25	4.2	0.0
27/06/2024 18:10	3.1	234	16	4.6	0.0
27/06/2024 18:20	3.0	247	16	4.4	0.1
27/06/2024 18:30	2.7	247	25	4.7	0.8
27/06/2024 18:40	1.3	280	34	2.4	0.4
27/06/2024 18:50	1.6	254	23	3.2	0.0
27/06/2024 19:00	2.4	251	17	4.1	0.1
27/06/2024 19:10	2.3	259	20	3.9	0.0
27/06/2024 19:20	2.8	264	18	4.7	0.0
27/06/2024 19:30	2.3	261	23	3.7	0.0
27/06/2024 19:40	2.5	263	26	3.8	0.0
27/06/2024 19:50	2.3	248	18	3.6	0.0
27/06/2024 20:00	2.0	270	30	3.4	0.1
27/06/2024 20:10	1.6	261	21	2.6	0.0
27/06/2024 20:20	1.7	250	17	2.4	0.0
27/06/2024 20:30	1.1	260	22	2.1	0.0
27/06/2024 20:40	0.9	260	25	2.1	0.0
27/06/2024 20:50	0.8	253	24	1.5	0.0
27/06/2024 21:00	0.4	253	19	1.2	0.0
27/06/2024 21:10	1.2	256	21	2.0	0.0
27/06/2024 21:20	0.9	270	19	2.0	0.0
27/06/2024 21:30	1.1	263	21	2.0	0.0
27/06/2024 21:40	1.3	261	24	2.4	0.0
27/06/2024 21:50	1.4	276	24	2.1	0.0
27/06/2024 22:00	1.2	273	23	2.3	0.0
27/06/2024 22:10	1.3	261	24	1.9	0.0
27/06/2024 22:20	0.9	253	21	1.6	0.0
27/06/2024 22:30	2.5	254	20	5.2	0.0
27/06/2024 22:40	3.8	231	21	6.2	0.0
27/06/2024 22:50	2.9	240	24	4.5	0.0
27/06/2024 23:00	2.7	245	20	4.0	0.0
27/06/2024 23:10	2.5	240	17	3.6	0.1
27/06/2024 23:20	2.9	235	15	4.4	0.5
27/06/2024 23:30	2.4	236	15	3.6	0.1
27/06/2024 23:40	2.1	232	14	3.2	0.1
27/06/2024 23:50	1.3	247	14	2.1	0.0
28/06/2024 00:00	1.5	239	17	2.4	0.1



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 00:10	2.0	243	17	2.8	0.0
28/06/2024 00:20	1.6	234	15	2.4	0.0
28/06/2024 00:30	2.2	249	16	3.2	0.0
28/06/2024 00:40	1.9	242	16	2.7	0.0
28/06/2024 00:50	0.7	227	30	1.8	0.0
28/06/2024 01:00	0.2	213	12	0.9	0.0
28/06/2024 01:10	0.9	177	28	1.6	0.0
28/06/2024 01:20	0.1	152	8	1.1	0.0
28/06/2024 01:30	0.4	217	11	1.8	0.0
28/06/2024 01:40	0.8	225	19	1.9	0.0
28/06/2024 01:50	0.2	228	9	1.4	0.0
28/06/2024 02:00					0.0
28/06/2024 02:10					0.0
28/06/2024 02:20					0.0
28/06/2024 02:30					0.0
28/06/2024 02:40					0.0
28/06/2024 02:50					0.0
28/06/2024 03:00	0.7	221	13	1.7	0.0
28/06/2024 03:10	1.4	251	16	2.0	0.0
28/06/2024 03:20	0.8	242	13	1.6	0.0
28/06/2024 03:30	0.2	250	9	1.2	0.0
28/06/2024 03:40	1.4	263	15	2.1	0.0
28/06/2024 03:50	1.7	265	14	2.3	0.0
28/06/2024 04:00	1.9	241	15	2.8	0.0
28/06/2024 04:10	1.8	240	15	2.4	0.0
28/06/2024 04:20	1.7	250	16	2.3	0.0
28/06/2024 04:30	1.9	251	15	2.8	0.0
28/06/2024 04:40	2.1	248	16	2.8	0.0
28/06/2024 04:50	2.0	253	15	2.8	0.0
28/06/2024 05:00	2.1	258	15	2.9	0.0
28/06/2024 05:10	2.4	251	14	3.6	0.0
28/06/2024 05:20	2.4	250	16	3.2	0.0
28/06/2024 05:30	2.4	250	18	3.6	0.0
28/06/2024 05:40	2.4	248	18	3.5	0.0
28/06/2024 05:50	2.2	252	15	3.1	0.0
28/06/2024 06:00	2.2	244	21	3.3	0.0
28/06/2024 06:10	1.9	239	21	2.9	0.0
28/06/2024 06:20	2.1	226	17	3.5	0.0
28/06/2024 06:30	2.5	214	16	3.6	0.0
28/06/2024 06:40	2.9	203	19	4.4	0.0
28/06/2024 06:50	2.5	208	18	3.9	0.0
28/06/2024 07:00	2.2	204	16	3.5	0.0
28/06/2024 07:10	2.4	220	17	4.0	0.0
28/06/2024 07:20	2.9	219	19	4.3	0.0
28/06/2024 07:30	3.0	219	18	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 07:40	3.0	223	15	5.2	0.0
28/06/2024 07:50	3.4	223	17	5.1	0.0
28/06/2024 08:00	3.2	217	16	4.7	0.0
28/06/2024 08:10	3.6	208	15	5.8	0.0
28/06/2024 08:20	3.2	202	17	4.8	0.0
28/06/2024 08:30	2.7	201	17	4.0	0.0
28/06/2024 08:40	2.4	203	19	3.6	0.0
28/06/2024 08:50	2.7	208	19	4.3	0.0
28/06/2024 09:00	2.4	186	19	3.6	0.0
28/06/2024 09:10	1.9	171	25	3.2	0.0
28/06/2024 09:20	1.9	181	22	3.1	0.0
28/06/2024 09:30	2.3	197	16	3.6	0.0
28/06/2024 09:40	2.5	184	19	4.0	0.0
28/06/2024 09:50	2.8	181	17	4.1	0.0
28/06/2024 10:00	2.8	191	18	4.0	0.0
28/06/2024 10:10	2.5	174	23	3.8	0.0
28/06/2024 10:20	2.6	175	21	4.0	0.0
28/06/2024 10:30	2.9	180	20	4.8	0.0
28/06/2024 10:40	3.0	198	23	4.6	0.0
28/06/2024 10:50	2.6	188	22	4.3	0.0
28/06/2024 11:00	2.5	172	22	4.3	0.0
28/06/2024 11:10	2.9	188	17	4.7	0.1
28/06/2024 11:20	3.1	202	17	4.8	0.0
28/06/2024 11:30	3.5	201	15	5.1	0.0
28/06/2024 11:40	2.9	206	20	5.4	0.0
28/06/2024 11:50	3.4	216	22	6.1	0.0
28/06/2024 12:00	3.3	221	20	5.1	0.0
28/06/2024 12:10	3.1	210	23	4.4	0.0
28/06/2024 12:20	2.8	216	19	4.4	0.0
28/06/2024 12:30	2.1	245	27	3.2	0.0
28/06/2024 12:40	1.7	256	22	2.4	0.0
28/06/2024 12:50	1.9	241	24	3.1	0.0
28/06/2024 13:00	2.1	227	18	3.2	0.0
28/06/2024 13:10	2.2	231	24	3.5	0.0
28/06/2024 13:20	2.3	249	19	3.3	0.0
28/06/2024 13:30	2.3	239	19	3.5	0.0
28/06/2024 13:40	2.5	248	20	3.5	0.0
28/06/2024 13:50	2.5	241	25	3.9	0.0
28/06/2024 14:00	2.2	254	34	4.4	0.0
28/06/2024 14:10	2.1	250	26	3.6	0.0
28/06/2024 14:20	2.2	254	24	3.7	0.0
28/06/2024 14:30	2.0	254	21	2.9	0.0
28/06/2024 14:40	2.0	255	23	3.2	0.0
28/06/2024 14:50	2.1	247	19	3.6	0.0
28/06/2024 15:00	2.3	248	18	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 15:10	2.0	251	22	2.8	0.0
28/06/2024 15:20	2.2	255	18	3.3	0.0
28/06/2024 15:30	2.2	257	26	3.5	0.0
28/06/2024 15:40	2.3	254	19	3.4	0.0
28/06/2024 15:50	2.5	249	21	3.7	0.0
28/06/2024 16:00	2.6	249	18	3.6	0.0
28/06/2024 16:10	2.6	248	17	3.8	0.0
28/06/2024 16:20	2.5	250	14	3.8	0.0
28/06/2024 16:30	2.8	243	14	4.1	0.0
28/06/2024 16:40	3.0	242	16	4.2	0.0
28/06/2024 16:50	3.1	248	17	4.2	0.0
28/06/2024 17:00	2.7	250	18	4.4	0.0
28/06/2024 17:10	2.8	249	16	4.2	0.0
28/06/2024 17:20	2.6	251	15	3.9	0.0
28/06/2024 17:30	2.5	251	15	3.8	0.0
28/06/2024 17:40	2.7	249	17	3.9	0.0
28/06/2024 17:50	2.6	256	19	4.5	0.0
28/06/2024 18:00	3.1	248	17	5.3	0.0
28/06/2024 18:10	3.0	248	21	4.7	0.0
28/06/2024 18:20	3.4	251	17	5.3	0.0
28/06/2024 18:30	3.4	246	18	5.4	0.0
28/06/2024 18:40	3.2	244	19	5.4	0.0
28/06/2024 18:50	2.6	243	19	4.3	0.0
28/06/2024 19:00	2.4	248	22	3.9	0.0
28/06/2024 19:10	2.8	243	20	4.4	0.0
28/06/2024 19:20	2.4	239	18	4.1	0.0
28/06/2024 19:30	2.7	234	18	4.3	0.0
28/06/2024 19:40	3.3	233	15	5.0	0.0
28/06/2024 19:50	3.0	233	20	4.5	0.0
28/06/2024 20:00	2.7	231	18	4.0	0.0
28/06/2024 20:10	2.7	234	18	4.0	0.0
28/06/2024 20:20	2.5	234	17	3.8	0.0
28/06/2024 20:30	2.5	236	18	4.0	0.0
28/06/2024 20:40	2.4	226	17	3.6	0.0
28/06/2024 20:50	2.4	233	19	3.4	0.0
28/06/2024 21:00	2.5	231	16	3.8	0.0
28/06/2024 21:10	2.7	231	11	3.9	0.0
28/06/2024 21:20	2.4	232	15	3.8	0.0
28/06/2024 21:30	2.1	242	17	3.4	0.0
28/06/2024 21:40	2.1	244	17	3.4	0.0
28/06/2024 21:50	2.1	248	17	3.2	0.0
28/06/2024 22:00	2.2	244	17	3.6	0.0
28/06/2024 22:10	2.3	241	18	3.6	0.0
28/06/2024 22:20	2.7	238	16	4.0	0.0
28/06/2024 22:30	3.2	237	16	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 22:40	3.0	240	18	4.3	0.0
28/06/2024 22:50	2.7	235	21	4.8	0.0
28/06/2024 23:00	3.2	242	17	4.5	0.0
28/06/2024 23:10	3.0	239	19	4.7	0.0
28/06/2024 23:20	2.8	231	21	4.3	0.0
28/06/2024 23:30	2.6	236	21	4.0	0.0
28/06/2024 23:40	2.4	234	23	3.6	0.0
28/06/2024 23:50	2.1	237	20	3.5	0.0
29/06/2024 00:00	2.7	243	17	4.0	0.0
29/06/2024 00:10	3.1	249	16	4.3	0.0
29/06/2024 00:20	2.8	250	16	3.8	0.0
29/06/2024 00:30	2.5	250	17	4.0	0.0
29/06/2024 00:40	1.9	247	21	3.3	0.0
29/06/2024 00:50	1.9	243	19	3.0	0.0
29/06/2024 01:00	2.2	236	18	3.8	0.0
29/06/2024 01:10	1.8	247	26	3.1	0.0
29/06/2024 01:20	2.6	226	20	4.4	0.0
29/06/2024 01:30	2.8	224	19	4.4	0.0
29/06/2024 01:40	2.8	228	15	4.6	0.0
29/06/2024 01:50	2.2	233	21	3.4	0.0
29/06/2024 02:00	1.8	236	18	2.6	0.0
29/06/2024 02:10	2.0	239	25	3.6	0.0
29/06/2024 02:20	2.1	236	24	4.0	0.0
29/06/2024 02:30	2.4	258	18	3.3	0.0
29/06/2024 02:40	2.2	247	25	3.6	0.0
29/06/2024 02:50	2.3	254	19	3.2	0.0
29/06/2024 03:00	2.5	268	19	3.4	0.0
29/06/2024 03:10	2.4	271	18	3.9	0.0
29/06/2024 03:20	1.5	242	31	2.4	0.0
29/06/2024 03:30	1.0	229	37	3.1	0.0
29/06/2024 03:40	1.2	214	32	2.5	0.0
29/06/2024 03:50	1.5	231	41	3.2	0.0
29/06/2024 04:00	1.2	231	36	2.4	0.0
29/06/2024 04:10	1.1	220	45	2.5	0.0
29/06/2024 04:20	2.0	256	21	3.4	0.0
29/06/2024 04:30	2.0	251	26	3.2	0.0
29/06/2024 04:40	1.3	252	23	2.4	0.0
29/06/2024 04:50	0.6	224	24	1.6	0.0
29/06/2024 05:00	1.3	216	22	2.4	0.0
29/06/2024 05:10	0.1	251	11	1.2	0.0
29/06/2024 05:20	0.7	233	37	1.8	0.0
29/06/2024 05:30	0.2	191	32	1.0	0.0
29/06/2024 05:40	0.6	217	11	1.3	0.0
29/06/2024 05:50	1.4	252	17	2.1	0.0
29/06/2024 06:00	1.3	241	20	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 06:10	1.2	241	19	2.0	0.0
29/06/2024 06:20	0.9	247	19	1.6	0.0
29/06/2024 06:30	1.1	258	15	1.6	0.0
29/06/2024 06:40	1.3	239	18	2.2	0.0
29/06/2024 06:50	0.6	241	13	1.4	0.0
29/06/2024 07:00	0.9	267	17	1.3	0.0
29/06/2024 07:10	1.6	234	23	2.6	0.0
29/06/2024 07:20	1.2	218	23	2.0	0.0
29/06/2024 07:30	1.0	215	29	2.6	0.0
29/06/2024 07:40	1.4	199	25	2.6	0.0
29/06/2024 07:50	1.2	190	39	2.0	0.0
29/06/2024 08:00	1.4	194	22	2.3	0.0
29/06/2024 08:10	1.6	184	23	2.4	0.0
29/06/2024 08:20	1.5	195	27	2.4	0.0
29/06/2024 08:30	1.1	141	38	2.0	0.0
29/06/2024 08:40	1.3	116	34	2.5	0.0
29/06/2024 08:50	1.4	120	32	2.8	0.0
29/06/2024 09:00	1.3	141	38	2.7	0.0
29/06/2024 09:10	1.4	143	38	2.7	0.0
29/06/2024 09:20	1.6	135	27	2.6	0.0
29/06/2024 09:30	1.4	142	31	2.5	0.0
29/06/2024 09:40	1.7	151	27	2.6	0.0
29/06/2024 09:50	2.0	170	23	3.3	0.0
29/06/2024 10:00	1.9	169	26	3.2	0.0
29/06/2024 10:10	2.5	177	23	4.4	0.0
29/06/2024 10:20	2.6	185	24	4.0	0.0
29/06/2024 10:30	2.4	169	24	3.8	0.0
29/06/2024 10:40	2.7	177	20	4.0	0.0
29/06/2024 10:50	2.4	176	25	3.8	0.0
29/06/2024 11:00	2.8	190	25	4.3	0.0
29/06/2024 11:10	2.5	192	25	4.0	0.0
29/06/2024 11:20	2.4	165	27	4.4	0.0
29/06/2024 11:30	2.6	169	27	4.1	0.0
29/06/2024 11:40	2.7	207	28	4.6	0.0
29/06/2024 11:50	3.4	211	20	5.3	0.0
29/06/2024 12:00	3.0	203	19	4.7	0.0
29/06/2024 12:10	3.5	214	19	5.3	0.0
29/06/2024 12:20	3.1	207	23	5.2	0.0
29/06/2024 12:30	3.2	217	33	4.7	0.0
29/06/2024 12:40	3.0	207	27	4.8	0.0
29/06/2024 12:50	3.2	219	24	5.3	0.0
29/06/2024 13:00	3.5	225	19	5.8	0.0
29/06/2024 13:10	3.5	217	18	5.7	0.0
29/06/2024 13:20	3.4	218	23	5.9	0.0
29/06/2024 13:30	3.4	221	20	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 13:40	3.5	251	21	4.9	0.0
29/06/2024 13:50	2.8	255	24	4.6	0.0
29/06/2024 14:00	3.0	250	20	5.0	0.0
29/06/2024 14:10	3.6	252	17	6.1	0.0
29/06/2024 14:20	3.8	251	17	5.5	0.0
29/06/2024 14:30	3.1	255	22	4.8	0.0
29/06/2024 14:40	3.4	255	19	4.8	0.0
29/06/2024 14:50	3.1	256	18	5.2	0.0
29/06/2024 15:00	3.2	253	18	5.2	0.0
29/06/2024 15:10	3.0	259	23	4.7	0.0
29/06/2024 15:20	3.4	256	17	5.6	0.0
29/06/2024 15:30	3.5	247	17	5.6	0.0
29/06/2024 15:40	3.7	246	17	5.5	0.0
29/06/2024 15:50	3.2	251	18	4.9	0.0
29/06/2024 16:00	3.5	251	15	4.8	0.0
29/06/2024 16:10	3.1	256	17	4.8	0.0
29/06/2024 16:20	3.1	252	18	4.7	0.0
29/06/2024 16:30	3.3	252	17	4.7	0.0
29/06/2024 16:40	3.3	255	18	4.7	0.0
29/06/2024 16:50	3.4	250	16	5.2	0.0
29/06/2024 17:00	3.6	252	14	4.8	0.0
29/06/2024 17:10	3.2	253	20	4.7	0.0
29/06/2024 17:20	3.5	257	16	5.3	0.0
29/06/2024 17:30	3.7	254	15	5.3	0.0
29/06/2024 17:40	3.5	253	15	5.2	0.0
29/06/2024 17:50	2.8	250	17	4.7	0.0
29/06/2024 18:00	2.8	252	18	4.0	0.0
29/06/2024 18:10	3.5	252	15	5.2	0.0
29/06/2024 18:20	2.7	255	15	4.4	0.0
29/06/2024 18:30	3.1	253	17	4.7	0.0
29/06/2024 18:40	2.7	255	15	3.7	0.0
29/06/2024 18:50	2.4	252	16	3.6	0.0
29/06/2024 19:00	2.9	250	17	4.4	0.0
29/06/2024 19:10	2.5	247	17	3.6	0.0
29/06/2024 19:20	2.8	247	16	4.4	0.0
29/06/2024 19:30	2.9	246	18	4.0	0.0
29/06/2024 19:40	2.5	244	18	3.4	0.0
29/06/2024 19:50	2.4	241	14	3.5	0.0
29/06/2024 20:00	2.4	241	16	3.5	0.0
29/06/2024 20:10	2.5	245	14	3.6	0.0
29/06/2024 20:20	2.1	248	15	3.0	0.0
29/06/2024 20:30	1.9	249	17	2.8	0.0
29/06/2024 20:40	2.0	248	14	2.9	0.0
29/06/2024 20:50	2.2	249	17	3.3	0.0
29/06/2024 21:00	2.4	258	18	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 21:10	2.4	261	14	3.3	0.0
29/06/2024 21:20	2.4	262	15	3.2	0.0
29/06/2024 21:30	2.6	257	15	3.8	0.0
29/06/2024 21:40	2.9	251	16	4.3	0.0
29/06/2024 21:50	2.1	247	20	3.2	0.0
29/06/2024 22:00	1.9	235	18	3.2	0.0
29/06/2024 22:10	2.0	242	17	3.2	0.0
29/06/2024 22:20	1.9	244	20	3.1	0.0
29/06/2024 22:30	1.7	231	22	2.7	0.0
29/06/2024 22:40	2.1	235	23	3.7	0.0
29/06/2024 22:50	2.6	230	17	4.0	0.0
29/06/2024 23:00	2.5	226	19	3.9	0.0
29/06/2024 23:10	2.5	232	16	3.6	0.0
29/06/2024 23:20	2.7	237	17	4.1	0.0
29/06/2024 23:30	2.3	229	21	3.5	0.0
29/06/2024 23:40	2.2	222	21	3.3	0.0
29/06/2024 23:50	1.6	202	21	2.7	0.0
30/06/2024 00:00	2.1	192	20	3.2	0.0
30/06/2024 00:10	2.0	190	14	3.1	0.0
30/06/2024 00:20	2.1	191	13	3.3	0.0
30/06/2024 00:30	2.3	193	13	3.2	0.0
30/06/2024 00:40	2.1	189	15	2.9	0.0
30/06/2024 00:50	1.9	190	13	3.2	0.0
30/06/2024 01:00	2.0	192	16	3.2	0.0
30/06/2024 01:10	2.1	196	17	3.2	0.0
30/06/2024 01:20	2.2	211	21	3.2	0.0
30/06/2024 01:30	1.9	199	19	3.4	0.0
30/06/2024 01:40	2.2	194	18	3.4	0.0
30/06/2024 01:50	2.4	194	14	3.5	0.0
30/06/2024 02:00	2.4	196	16	3.7	0.0
30/06/2024 02:10	2.4	198	15	3.9	0.0
30/06/2024 02:20	2.1	191	21	3.6	0.0
30/06/2024 02:30	2.1	198	15	3.1	0.0
30/06/2024 02:40	1.9	203	16	2.8	0.0
30/06/2024 02:50	1.9	204	16	3.2	0.0
30/06/2024 03:00	1.2	189	24	2.4	0.0
30/06/2024 03:10	1.4	196	19	2.8	0.0
30/06/2024 03:20	1.8	204	23	2.9	0.0
30/06/2024 03:30	0.9	118	36	2.0	0.0
30/06/2024 03:40	0.5	158	34	1.2	0.0
30/06/2024 03:50	0.8	137	41	1.5	0.0
30/06/2024 04:00	0.7	170	41	1.9	0.0
30/06/2024 04:10	0.6	122	24	2.0	0.0
30/06/2024 04:20	0.3	236	20	1.4	0.0
30/06/2024 04:30	0.7	74	38	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 04:40	0.8	116	46	2.0	0.0
30/06/2024 04:50	0.6	117	37	1.6	0.0
30/06/2024 05:00	0.8	134	24	1.8	0.0
30/06/2024 05:10	0.2	57	30	0.8	0.0
30/06/2024 05:20	0.1	111	6	0.8	0.0
30/06/2024 05:30	0.0	190	5	0.6	0.0
30/06/2024 05:40	0.3	192	15	1.4	0.0
30/06/2024 05:50	0.3	171	14	1.6	0.0
30/06/2024 06:00	0.1	173	24	0.9	0.0
30/06/2024 06:10	0.1	127	13	0.8	0.0
30/06/2024 06:20	0.1	90	17	0.8	0.0
30/06/2024 06:30					0.0
30/06/2024 06:40	0.0	60	7	0.4	0.0
30/06/2024 06:50					0.0
30/06/2024 07:00	0.0	98	6	0.6	0.0
30/06/2024 07:10	0.3	79	21	1.2	0.0
30/06/2024 07:20	0.0	91	5	0.5	0.0
30/06/2024 07:30	0.1	84	5	0.4	0.0
30/06/2024 07:40	0.3	124	18	0.8	0.0
30/06/2024 07:50	0.6	122	24	1.3	0.0
30/06/2024 08:00	1.0	119	25	1.7	0.0
30/06/2024 08:10	0.8	114	35	1.4	0.0
30/06/2024 08:20	1.0	111	32	1.9	0.0
30/06/2024 08:30	1.3	134	30	2.4	0.0
30/06/2024 08:40	1.5	131	27	2.5	0.0
30/06/2024 08:50	1.3	121	35	2.2	0.0
30/06/2024 09:00	1.3	127	32	2.6	0.0
30/06/2024 09:10	1.5	116	29	2.5	0.0
30/06/2024 09:20	1.6	125	32	2.9	0.0
30/06/2024 09:30	1.6	126	32	2.9	0.0
30/06/2024 09:40	1.7	129	32	2.4	0.0
30/06/2024 09:50	1.7	110	31	2.5	0.0
30/06/2024 10:00	2.1	123	32	3.6	0.0
30/06/2024 10:10	1.6	129	36	2.9	0.0
30/06/2024 10:20	1.8	124	33	3.0	0.0
30/06/2024 10:30	1.7	130	30	3.2	0.0
30/06/2024 10:40	2.4	122	28	3.6	0.0
30/06/2024 10:50	2.5	116	32	4.3	0.0
30/06/2024 11:00	2.5	120	32	4.5	0.0
30/06/2024 11:10	2.3	123	30	4.4	0.0
30/06/2024 11:20	2.6	119	30	4.4	0.0
30/06/2024 11:30	2.7	114	29	4.5	0.0
30/06/2024 11:40	2.4	105	30	4.1	0.0
30/06/2024 11:50	2.4	102	28	3.6	0.0
30/06/2024 12:00	2.2	106	35	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 12:10	2.3	106	29	4.0	0.0
30/06/2024 12:20	2.3	101	34	3.7	0.0
30/06/2024 12:30	2.5	106	32	4.4	0.0
30/06/2024 12:40	2.3	92	24	3.6	0.0
30/06/2024 12:50	2.6	89	20	4.1	0.0
30/06/2024 13:00	2.4	99	28	3.6	0.0
30/06/2024 13:10	2.2	106	29	3.6	0.0
30/06/2024 13:20	2.0	101	30	3.2	0.0
30/06/2024 13:30	2.1	84	26	3.3	0.0
30/06/2024 13:40	1.9	95	36	3.4	0.0
30/06/2024 13:50	2.1	65	23	3.4	0.0
30/06/2024 14:00	2.2	72	27	3.6	0.0
30/06/2024 14:10	2.2	63	25	3.7	0.0
30/06/2024 14:20	2.1	67	23	3.2	0.0
30/06/2024 14:30	2.0	68	27	3.6	0.0
30/06/2024 14:40	2.3	55	22	3.9	0.0
30/06/2024 14:50	2.3	50	21	3.6	0.0
30/06/2024 15:00	2.2	76	22	3.8	0.0
30/06/2024 15:10	2.2	69	26	3.9	0.0
30/06/2024 15:20	2.1	65	23	3.5	0.0
30/06/2024 15:30	2.1	54	22	3.6	0.0
30/06/2024 15:40	2.1	56	24	3.4	0.0
30/06/2024 15:50	1.8	64	22	3.0	0.0
30/06/2024 16:00	2.0	37	25	3.3	0.0
30/06/2024 16:10	1.9	43	19	3.3	0.0
30/06/2024 16:20	1.9	56	24	2.8	0.0
30/06/2024 16:30	1.6	48	19	2.8	0.0
30/06/2024 16:40	1.7	45	18	2.8	0.0
30/06/2024 16:50	1.7	44	18	2.4	0.0
30/06/2024 17:00	1.6	45	16	2.4	0.0
30/06/2024 17:10	1.3	37	17	2.0	0.0
30/06/2024 17:20	1.2	29	16	1.7	0.0
30/06/2024 17:30	1.1	27	14	1.6	0.0
30/06/2024 17:40	1.1	20	16	1.6	0.0
30/06/2024 17:50	0.9	12	19	1.2	0.0
30/06/2024 18:00	1.0	17	20	1.5	0.0
30/06/2024 18:10	0.9	18	14	1.3	0.0
30/06/2024 18:20	0.9	4	18	1.5	0.0
30/06/2024 18:30	1.0	12	17	1.4	0.0
30/06/2024 18:40	0.8	7	21	1.3	0.0
30/06/2024 18:50	0.6	1	21	1.1	0.0
30/06/2024 19:00	0.4	14	14	0.9	0.0
30/06/2024 19:10	0.8	128	34	1.3	0.0
30/06/2024 19:20	0.8	241	6	1.8	0.0
30/06/2024 19:30	1.4	279	18	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 19:40	1.3	269	17	2.0	0.0
30/06/2024 19:50	1.0	265	15	1.5	0.0
30/06/2024 20:00	1.4	261	11	1.8	0.0
30/06/2024 20:10	0.4	164	10	0.9	0.0
30/06/2024 20:20	0.6	281	12	1.2	0.0
30/06/2024 20:30	1.0	285	15	1.5	0.0
30/06/2024 20:40	1.9	265	15	2.5	0.0
30/06/2024 20:50	2.1	266	13	2.7	0.0
30/06/2024 21:00	1.9	255	17	2.8	0.0
30/06/2024 21:10	1.5	251	15	2.0	0.0
30/06/2024 21:20	1.2	259	18	1.9	0.0
30/06/2024 21:30	1.6	266	13	2.1	0.0
30/06/2024 21:40	1.3	266	15	1.8	0.0
30/06/2024 21:50	1.2	268	16	2.0	0.0
30/06/2024 22:00	1.2	254	17	1.8	0.0
30/06/2024 22:10	0.2	274	11	1.0	0.0
30/06/2024 22:20	0.3	232	17	1.1	0.0
30/06/2024 22:30	0.5	203	16	1.8	0.0
30/06/2024 22:40	0.3	204	9	1.0	0.0
30/06/2024 22:50					0.0
30/06/2024 23:00					0.0
30/06/2024 23:10	0.1	162	8	0.6	0.0
30/06/2024 23:20	0.2	47	28	0.9	0.0
30/06/2024 23:30	0.1	47	3	0.9	0.0
30/06/2024 23:40	0.2	55	24	1.2	0.0
30/06/2024 23:50	0.2	126	10	1.1	0.0
01/07/2024 00:00	0.0	78	8	0.4	0.0
01/07/2024 00:10	0.4	91	25	1.2	0.0
01/07/2024 00:20	0.9	105	33	2.4	0.0
01/07/2024 00:30	1.1	122	33	2.4	0.0
01/07/2024 00:40	1.3	119	29	2.2	0.0
01/07/2024 00:50	1.3	126	29	2.4	0.0
01/07/2024 01:00	1.1	119	36	2.0	0.0
01/07/2024 01:10	1.4	129	27	2.6	0.0
01/07/2024 01:20	1.7	109	30	3.2	0.0
01/07/2024 01:30	1.8	115	37	3.8	0.0
01/07/2024 01:40	1.7	113	33	3.6	0.0
01/07/2024 01:50	1.7	113	34	3.4	0.0
01/07/2024 02:00	1.9	125	32	3.8	0.0
01/07/2024 02:10	1.6	123	32	2.8	0.0
01/07/2024 02:20	1.9	122	30	3.2	0.0
01/07/2024 02:30	1.7	118	32	2.8	0.0
01/07/2024 02:40	1.6	116	32	3.1	0.0
01/07/2024 02:50	2.2	115	32	4.0	0.0
01/07/2024 03:00	1.9	115	28	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 03:10	1.9	117	39	3.6	0.0
01/07/2024 03:20	2.1	110	31	3.3	0.0
01/07/2024 03:30	2.0	123	32	3.5	0.0
01/07/2024 03:40	2.0	116	30	3.4	0.0
01/07/2024 03:50	1.7	116	37	3.4	0.0
01/07/2024 04:00	2.2	110	33	4.1	0.0
01/07/2024 04:10	2.1	108	36	3.8	0.0
01/07/2024 04:20	2.3	111	32	4.5	0.0
01/07/2024 04:30	2.2	105	35	4.2	0.0
01/07/2024 04:40	2.2	109	32	4.2	0.0
01/07/2024 04:50	2.5	105	35	4.9	0.0
01/07/2024 05:00	2.5	105	31	4.4	0.0
01/07/2024 05:10	2.6	105	32	4.6	0.0
01/07/2024 05:20	2.9	103	30	5.6	0.0
01/07/2024 05:30	2.3	101	30	3.7	0.0
01/07/2024 05:40	2.0	109	36	3.4	0.0
01/07/2024 05:50	2.2	107	28	4.4	0.0
01/07/2024 06:00	2.3	104	30	4.4	0.0
01/07/2024 06:10	2.1	120	30	3.9	0.0
01/07/2024 06:20	2.0	117	34	4.1	0.0
01/07/2024 06:30	2.1	120	30	4.1	0.0
01/07/2024 06:40	1.6	127	30	3.1	0.0
01/07/2024 06:50	1.5	126	36	2.8	0.0
01/07/2024 07:00	1.5	114	37	2.8	0.0
01/07/2024 07:10	1.5	122	30	2.8	0.0
01/07/2024 07:20	1.5	122	34	2.8	0.0
01/07/2024 07:30	1.5	125	30	3.1	0.0
01/07/2024 07:40	1.9	111	30	4.0	0.0
01/07/2024 07:50	1.3	113	34	2.3	0.0
01/07/2024 08:00	1.6	122	34	2.8	0.0
01/07/2024 08:10	1.8	132	27	3.2	0.0
01/07/2024 08:20	1.7	127	27	2.8	0.0
01/07/2024 08:30	1.9	121	29	3.2	0.0
01/07/2024 08:40	2.0	130	32	3.4	0.0
01/07/2024 08:50	2.4	112	32	4.7	0.0
01/07/2024 09:00	2.6	106	31	4.4	0.0
01/07/2024 09:10	2.8	102	28	5.4	0.0
01/07/2024 09:20	3.1	93	35	4.9	0.0
01/07/2024 09:30	3.2	87	30	5.5	0.0
01/07/2024 09:40	3.1	86	28	4.9	0.0
01/07/2024 09:50	3.2	75	24	4.7	0.0
01/07/2024 10:00	3.4	89	22	5.5	0.0
01/07/2024 10:10	3.1	92	32	5.2	0.0
01/07/2024 10:20	3.6	82	21	5.5	0.0
01/07/2024 10:30	3.2	83	30	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 10:40	3.2	88	23	5.0	0.0
01/07/2024 10:50	3.2	79	23	5.2	0.0
01/07/2024 11:00	3.4	91	29	5.7	0.0
01/07/2024 11:10	3.1	90	32	4.8	0.0
01/07/2024 11:20	3.5	85	22	5.2	0.0
01/07/2024 11:30	3.4	84	28	5.4	0.0
01/07/2024 11:40	3.4	91	32	6.1	0.0
01/07/2024 11:50	3.6	84	23	6.0	0.0
01/07/2024 12:00	3.2	91	32	5.1	0.0
01/07/2024 12:10	3.1	84	26	4.9	0.0
01/07/2024 12:20	3.2	89	27	5.1	0.0
01/07/2024 12:30	3.5	77	21	5.4	0.0
01/07/2024 12:40	3.2	83	28	5.2	0.0
01/07/2024 12:50	3.4	85	23	5.4	0.0
01/07/2024 13:00	3.1	95	27	4.8	0.0
01/07/2024 13:10	2.8	91	27	4.4	0.0
01/07/2024 13:20	2.8	71	28	4.3	0.0
01/07/2024 13:30	2.8	65	22	5.0	0.0
01/07/2024 13:40	2.8	64	22	5.1	0.0
01/07/2024 13:50	3.0	62	22	5.0	0.0
01/07/2024 14:00	3.3	64	20	5.6	0.0
01/07/2024 14:10	2.9	60	24	5.0	0.0
01/07/2024 14:20	3.2	62	24	5.2	0.0
01/07/2024 14:30	3.2	67	20	5.2	0.0
01/07/2024 14:40	2.9	64	22	5.1	0.0
01/07/2024 14:50	2.8	62	23	4.5	0.0
01/07/2024 15:00	2.7	59	21	4.1	0.0
01/07/2024 15:10	2.8	59	20	4.4	0.0
01/07/2024 15:20	2.6	59	24	4.5	0.0
01/07/2024 15:30	2.6	58	19	4.1	0.0
01/07/2024 15:40	2.7	55	21	4.6	0.0
01/07/2024 15:50	2.4	57	22	4.1	0.0
01/07/2024 16:00	2.2	53	23	3.9	0.0
01/07/2024 16:10	2.5	51	17	3.7	0.0
01/07/2024 16:20	2.2	51	22	3.7	0.0
01/07/2024 16:30	2.1	48	18	3.6	0.0
01/07/2024 16:40	2.0	47	19	3.2	0.0
01/07/2024 16:50	1.9	45	16	2.8	0.0
01/07/2024 17:00	1.7	43	20	2.7	0.0
01/07/2024 17:10	2.0	45	18	3.1	0.0
01/07/2024 17:20	2.1	42	16	3.3	0.0
01/07/2024 17:30	1.8	43	17	2.8	0.0
01/07/2024 17:40	1.5	37	18	2.4	0.0
01/07/2024 17:50	1.5	36	19	2.1	0.0
01/07/2024 18:00	1.4	33	18	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/07/2024 18:10	1.0	22	21	1.5	0.0
01/07/2024 18:20	0.6	136	20	1.3	0.0
01/07/2024 18:30	0.1	262	4	0.8	0.0
01/07/2024 18:40	0.1	338	3	0.5	0.0
01/07/2024 18:50	0.5	348	8	0.8	0.0
01/07/2024 19:00	0.3	178	9	0.8	0.0
01/07/2024 19:10					0.0
01/07/2024 19:20					0.0
01/07/2024 19:30					0.0
01/07/2024 19:40					0.0
01/07/2024 19:50					0.0
01/07/2024 20:00					0.0
01/07/2024 20:10					0.0
01/07/2024 20:20					0.0
01/07/2024 20:30	0.3	8	6	1.2	0.0
01/07/2024 20:40	0.7	351	13	1.2	0.0
01/07/2024 20:50	0.6	358	12	1.0	0.0
01/07/2024 21:00	0.8	352	14	1.2	0.0
01/07/2024 21:10	0.5	354	15	0.9	0.0
01/07/2024 21:20	0.4	8	10	0.8	0.0
01/07/2024 21:30	0.8	11	11	1.1	0.0
01/07/2024 21:40	0.5	17	11	0.9	0.0
01/07/2024 21:50	0.2	19	7	0.8	0.0
01/07/2024 22:00	0.1	173	24	0.9	0.0
01/07/2024 22:10	0.2	125	15	1.1	0.0
01/07/2024 22:20	0.0	72	4	0.4	0.0
01/07/2024 22:30					0.0
01/07/2024 22:40	0.2	160	11	1.1	0.0
01/07/2024 22:50	0.9	169	27	1.6	0.0
01/07/2024 23:00	1.4	154	32	2.5	0.0
01/07/2024 23:10	1.2	137	25	2.4	0.0
01/07/2024 23:20	1.1	130	27	2.1	0.0
01/07/2024 23:30	1.0	119	35	2.1	0.0
01/07/2024 23:40	0.6	103	25	1.5	0.0
01/07/2024 23:50	0.1	98	12	0.6	0.0
02/07/2024 00:00	0.8	93	25	1.4	0.0
02/07/2024 00:10	1.0	113	26	1.7	0.0
02/07/2024 00:20	1.0	121	27	1.8	0.0
02/07/2024 00:30	0.7	127	22	1.1	0.0
02/07/2024 00:40	0.9	119	24	1.5	0.0
02/07/2024 00:50	0.8	109	32	1.5	0.0
02/07/2024 01:00	0.7	89	28	1.2	0.0
02/07/2024 01:10	0.4	102	32	1.0	0.0
02/07/2024 01:20	0.3	105	13	0.9	0.0
02/07/2024 01:30	0.3	81	16	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 01:40	0.0	87	4	0.5	0.0
02/07/2024 01:50	0.1	60	11	0.5	0.0
02/07/2024 02:00	0.1	67	6	0.6	0.0
02/07/2024 02:10	0.1	67	9	0.8	0.0
02/07/2024 02:20	0.2	114	19	0.8	0.0
02/07/2024 02:30	0.5	105	35	1.5	0.0
02/07/2024 02:40	0.5	123	27	1.4	0.0
02/07/2024 02:50	1.0	111	22	2.3	0.0
02/07/2024 03:00	0.8	101	34	1.6	0.0
02/07/2024 03:10	1.3	117	31	2.4	0.0
02/07/2024 03:20	1.6	116	24	2.9	0.0
02/07/2024 03:30	1.5	123	29	2.6	0.0
02/07/2024 03:40	1.5	119	32	2.9	0.0
02/07/2024 03:50	1.7	115	25	3.2	0.0
02/07/2024 04:00	1.8	118	31	2.8	0.0
02/07/2024 04:10	1.6	112	33	2.9	0.0
02/07/2024 04:20	1.7	120	36	3.7	0.0
02/07/2024 04:30	1.8	118	31	3.2	0.0
02/07/2024 04:40	1.8	121	29	3.2	0.0
02/07/2024 04:50	1.5	114	31	2.6	0.0
02/07/2024 05:00	1.6	122	32	2.9	0.0
02/07/2024 05:10	1.3	123	29	2.2	0.0
02/07/2024 05:20	1.2	121	32	2.2	0.0
02/07/2024 05:30	1.0	128	26	2.1	0.0
02/07/2024 05:40	1.2	127	34	2.6	0.0
02/07/2024 05:50	1.1	120	27	1.8	0.0
02/07/2024 06:00	1.2	123	29	2.4	0.0
02/07/2024 06:10	1.1	120	34	1.8	0.0
02/07/2024 06:20	1.0	115	26	2.1	0.0
02/07/2024 06:30	1.0	121	30	2.1	0.0
02/07/2024 06:40	1.0	127	27	1.7	0.0
02/07/2024 06:50	1.4	130	28	2.4	0.0
02/07/2024 07:00	1.5	126	30	2.8	0.0
02/07/2024 07:10	1.4	124	28	2.7	0.0
02/07/2024 07:20	1.4	126	27	2.5	0.0
02/07/2024 07:30	1.3	123	31	2.4	0.0
02/07/2024 07:40	1.6	127	24	2.8	0.0
02/07/2024 07:50	1.9	130	28	3.1	0.0
02/07/2024 08:00	2.0	134	25	3.6	0.0
02/07/2024 08:10	2.1	130	28	3.6	0.0
02/07/2024 08:20	2.1	127	26	3.7	0.0
02/07/2024 08:30	2.3	129	28	4.0	0.0
02/07/2024 08:40	2.1	127	29	3.2	0.0
02/07/2024 08:50	2.2	119	31	3.7	0.0
02/07/2024 09:00	2.2	117	33	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 09:10	2.3	129	32	3.8	0.0
02/07/2024 09:20	2.6	118	27	4.4	0.0
02/07/2024 09:30	2.5	127	27	4.4	0.0
02/07/2024 09:40	2.3	133	28	4.1	0.0
02/07/2024 09:50	2.4	139	26	3.7	0.0
02/07/2024 10:00	2.4	136	28	4.0	0.0
02/07/2024 10:10	2.3	134	36	4.0	0.0
02/07/2024 10:20	2.4	143	27	4.0	0.0
02/07/2024 10:30	2.3	122	28	3.4	0.0
02/07/2024 10:40	2.2	126	27	3.7	0.0
02/07/2024 10:50	2.4	117	39	3.8	0.0
02/07/2024 11:00	2.7	99	31	4.8	0.0
02/07/2024 11:10	2.6	109	35	4.8	0.0
02/07/2024 11:20	2.5	113	35	4.0	0.0
02/07/2024 11:30	2.2	114	34	4.8	0.0
02/07/2024 11:40	2.1	104	30	3.6	0.0
02/07/2024 11:50	2.1	110	31	3.4	0.0
02/07/2024 12:00	2.0	115	31	3.6	0.0
02/07/2024 12:10	2.2	113	31	4.0	0.0
02/07/2024 12:20	2.2	109	26	3.9	0.0
02/07/2024 12:30	2.2	100	27	3.6	0.0
02/07/2024 12:40	2.3	98	33	3.9	0.0
02/07/2024 12:50	2.1	98	33	3.8	0.0
02/07/2024 13:00	2.3	111	32	3.3	0.0
02/07/2024 13:10	2.0	81	26	3.7	0.0
02/07/2024 13:20	2.1	87	30	3.2	0.0
02/07/2024 13:30	2.1	84	27	3.4	0.0
02/07/2024 13:40	2.2	80	28	3.5	0.0
02/07/2024 13:50	2.3	82	26	3.6	0.0
02/07/2024 14:00	2.4	81	29	4.0	0.0
02/07/2024 14:10	2.5	86	26	3.9	0.0
02/07/2024 14:20	2.2	77	24	3.4	0.0
02/07/2024 14:30	2.1	78	22	3.2	0.0
02/07/2024 14:40	2.3	61	25	3.7	0.0
02/07/2024 14:50	2.4	57	20	3.8	0.0
02/07/2024 15:00	2.2	55	21	3.3	0.0
02/07/2024 15:10	2.4	61	22	3.9	0.0
02/07/2024 15:20	2.4	57	26	3.9	0.0
02/07/2024 15:30	2.4	57	20	3.9	0.0
02/07/2024 15:40	2.3	54	24	3.8	0.0
02/07/2024 15:50	2.1	53	24	3.6	0.0
02/07/2024 16:00	2.4	49	19	3.7	0.0
02/07/2024 16:10	2.2	46	21	3.9	0.0
02/07/2024 16:20	2.1	47	19	3.6	0.0
02/07/2024 16:30	2.1	45	17	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/07/2024 16:40	2.0	48	18	3.5	0.0
02/07/2024 16:50	1.9	45	19	3.2	0.0
02/07/2024 17:00	1.6	44	24	2.9	0.0
02/07/2024 17:10	1.4	42	18	2.1	0.0
02/07/2024 17:20	1.3	32	17	2.1	0.0
02/07/2024 17:30	1.3	31	18	2.0	0.0
02/07/2024 17:40	1.5	32	18	2.3	0.0
02/07/2024 17:50	1.5	26	17	2.1	0.0
02/07/2024 18:00	1.5	20	19	2.1	0.0
02/07/2024 18:10	1.4	20	17	2.2	0.0
02/07/2024 18:20	0.6	23	24	1.2	0.0
02/07/2024 18:30	0.1	127	2	0.6	0.0
02/07/2024 18:40					0.0
02/07/2024 18:50	0.6	20	12	1.1	0.0
02/07/2024 19:00	0.6	13	12	0.9	0.0
02/07/2024 19:10	0.2	6	14	0.8	0.0
02/07/2024 19:20	0.3	177	9	0.8	0.0
02/07/2024 19:30	0.2	183	6	0.7	0.0
02/07/2024 19:40	0.5	345	7	1.2	0.0
02/07/2024 19:50	0.7	342	9	1.0	0.0
02/07/2024 20:00	0.9	340	10	1.2	0.0
02/07/2024 20:10	0.8	349	13	1.2	0.0
02/07/2024 20:20	1.4	275	19	2.3	0.0
02/07/2024 20:30	1.6	275	21	2.6	0.0
02/07/2024 20:40	2.1	246	14	2.8	0.0
02/07/2024 20:50	1.2	236	16	1.7	0.0
02/07/2024 21:00	1.5	252	11	2.2	0.0
02/07/2024 21:10	1.6	261	14	2.3	0.0
02/07/2024 21:20	1.9	265	14	2.7	0.0
02/07/2024 21:30	2.1	258	14	2.8	0.0
02/07/2024 21:40	1.9	266	19	2.6	0.0
02/07/2024 21:50	1.9	274	17	2.7	0.0
02/07/2024 22:00	2.1	271	17	2.9	0.0
02/07/2024 22:10	1.8	265	13	2.5	0.0
02/07/2024 22:20	1.6	266	15	2.3	0.0
02/07/2024 22:30	1.5	264	16	2.1	0.0
02/07/2024 22:40	1.4	255	15	1.8	0.0
02/07/2024 22:50	0.7	203	25	1.5	0.0
02/07/2024 23:00					0.0
02/07/2024 23:10	0.2	8	6	0.8	0.0
02/07/2024 23:20	0.4	351	11	0.9	0.0
02/07/2024 23:30	0.0	353	6	0.4	0.0
02/07/2024 23:40					0.0
02/07/2024 23:50	0.1	72	9	0.8	0.0
03/07/2024 00:00	0.0	35	0	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 00:10					0.0
03/07/2024 00:20	0.3	71	19	1.2	0.0
03/07/2024 00:30	0.2	70	20	0.9	0.0
03/07/2024 00:40	0.0	79	5	0.4	0.0
03/07/2024 00:50	0.0	90	5	0.7	0.0
03/07/2024 01:00	0.2	84	13	0.8	0.0
03/07/2024 01:10	0.1	101	14	0.9	0.0
03/07/2024 01:20	0.4	90	26	1.3	0.0
03/07/2024 01:30	0.6	102	33	1.3	0.0
03/07/2024 01:40	1.0	98	35	2.0	0.0
03/07/2024 01:50	1.4	110	30	2.4	0.0
03/07/2024 02:00	1.9	112	29	3.8	0.0
03/07/2024 02:10	1.7	112	33	2.9	0.0
03/07/2024 02:20	2.0	103	36	3.3	0.0
03/07/2024 02:30	2.2	109	35	4.1	0.0
03/07/2024 02:40	2.0	110	29	3.4	0.0
03/07/2024 02:50	2.0	111	34	3.6	0.0
03/07/2024 03:00	2.0	102	36	3.9	0.0
03/07/2024 03:10	2.5	108	30	4.3	0.0
03/07/2024 03:20	2.5	101	35	4.4	0.0
03/07/2024 03:30	2.7	109	33	4.8	0.0
03/07/2024 03:40	3.1	104	27	5.6	0.0
03/07/2024 03:50	3.0	106	29	4.8	0.0
03/07/2024 04:00	3.0	103	28	5.3	0.0
03/07/2024 04:10	2.8	107	35	5.3	0.0
03/07/2024 04:20	3.4	106	32	5.6	0.0
03/07/2024 04:30	3.2	107	36	5.2	0.0
03/07/2024 04:40	3.2	106	37	5.2	0.0
03/07/2024 04:50	3.0	107	32	6.0	0.0
03/07/2024 05:00	2.9	107	29	5.2	0.0
03/07/2024 05:10	3.2	122	31	5.6	0.0
03/07/2024 05:20	3.3	111	30	6.3	0.0
03/07/2024 05:30	3.3	116	39	5.2	0.0
03/07/2024 05:40	3.0	109	28	5.0	0.0
03/07/2024 05:50	3.1	110	32	4.5	0.0
03/07/2024 06:00	3.4	103	28	5.3	0.0
03/07/2024 06:10	3.2	109	31	5.8	0.0
03/07/2024 06:20	3.3	110	35	5.5	0.0
03/07/2024 06:30	3.1	114	34	5.2	0.0
03/07/2024 06:40	3.5	109	33	6.3	0.0
03/07/2024 06:50	3.4	111	31	6.0	0.0
03/07/2024 07:00	3.1	103	33	5.2	0.0
03/07/2024 07:10	3.1	104	32	6.2	0.0
03/07/2024 07:20	3.0	114	26	5.7	0.0
03/07/2024 07:30	3.0	109	29	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 07:40	3.6	104	26	5.6	0.0
03/07/2024 07:50	3.3	109	31	5.8	0.0
03/07/2024 08:00	3.3	105	32	5.2	0.0
03/07/2024 08:10	3.2	102	30	4.9	0.0
03/07/2024 08:20	3.3	104	37	5.4	0.0
03/07/2024 08:30	3.8	107	25	6.8	0.0
03/07/2024 08:40	3.3	108	34	5.8	0.0
03/07/2024 08:50	3.5	109	31	6.0	0.0
03/07/2024 09:00	3.9	97	30	7.1	0.0
03/07/2024 09:10	4.0	102	33	6.9	0.0
03/07/2024 09:20	4.0	105	31	7.5	0.0
03/07/2024 09:30	3.8	101	34	6.2	0.0
03/07/2024 09:40	3.5	105	29	6.2	0.0
03/07/2024 09:50	4.1	102	37	7.4	0.0
03/07/2024 10:00	3.8	103	33	7.0	0.0
03/07/2024 10:10	4.1	99	27	6.7	0.0
03/07/2024 10:20	4.4	100	33	6.7	0.0
03/07/2024 10:30	3.9	100	27	6.5	0.0
03/07/2024 10:40	4.0	104	28	6.5	0.0
03/07/2024 10:50	4.1	105	27	6.6	0.0
03/07/2024 11:00	3.6	99	35	6.1	0.0
03/07/2024 11:10	3.6	98	27	6.0	0.0
03/07/2024 11:20	3.9	85	25	6.4	0.0
03/07/2024 11:30	3.9	86	22	6.0	0.0
03/07/2024 11:40	3.6	87	24	5.7	0.0
03/07/2024 11:50	4.0	94	28	6.4	0.0
03/07/2024 12:00	3.8	85	25	6.4	0.0
03/07/2024 12:10	3.6	90	23	6.9	0.0
03/07/2024 12:20	4.0	91	27	6.4	0.0
03/07/2024 12:30	3.9	93	28	7.2	0.0
03/07/2024 12:40	4.0	87	26	6.9	0.0
03/07/2024 12:50	3.6	95	32	6.2	0.0
03/07/2024 13:00	3.4	85	22	6.5	0.0
03/07/2024 13:10	3.4	80	26	5.7	0.0
03/07/2024 13:20	3.6	80	25	6.2	0.0
03/07/2024 13:30	3.8	78	20	6.4	0.0
03/07/2024 13:40	3.8	83	26	6.0	0.0
03/07/2024 13:50	3.5	74	25	5.3	0.0
03/07/2024 14:00	3.4	73	23	5.6	0.0
03/07/2024 14:10	3.5	77	24	6.1	0.0
03/07/2024 14:20	3.3	86	27	5.3	0.0
03/07/2024 14:30	3.3	80	22	5.8	0.0
03/07/2024 14:40	3.2	81	29	4.9	0.0
03/07/2024 14:50	3.5	79	27	5.9	0.0
03/07/2024 15:00	3.4	85	28	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 15:10	3.7	79	25	5.9	0.0
03/07/2024 15:20	3.0	84	23	4.6	0.0
03/07/2024 15:30	3.4	82	22	5.5	0.0
03/07/2024 15:40	2.7	82	23	4.2	0.0
03/07/2024 15:50	2.7	76	25	4.9	0.0
03/07/2024 16:00	2.4	63	22	3.6	0.0
03/07/2024 16:10	2.5	67	21	3.6	0.0
03/07/2024 16:20	2.5	61	25	4.5	0.0
03/07/2024 16:30	2.7	61	22	4.8	0.0
03/07/2024 16:40	2.5	61	21	4.1	0.0
03/07/2024 16:50	2.3	61	22	4.2	0.0
03/07/2024 17:00	2.5	53	21	3.9	0.0
03/07/2024 17:10	2.1	59	19	4.0	0.0
03/07/2024 17:20	2.0	59	20	3.3	0.0
03/07/2024 17:30	2.2	61	22	3.6	0.0
03/07/2024 17:40	1.9	63	23	3.0	0.0
03/07/2024 17:50	2.0	57	25	3.4	0.0
03/07/2024 18:00	1.7	63	24	2.8	0.0
03/07/2024 18:10	1.6	66	24	2.8	0.0
03/07/2024 18:20	1.6	73	24	2.4	0.0
03/07/2024 18:30	1.1	64	24	1.6	0.0
03/07/2024 18:40	0.9	62	32	2.2	0.0
03/07/2024 18:50	0.8	59	27	1.9	0.0
03/07/2024 19:00	1.0	78	28	1.8	0.0
03/07/2024 19:10	0.4	103	17	1.0	0.0
03/07/2024 19:20	0.1	97	5	0.5	0.0
03/07/2024 19:30	0.1	134	15	0.6	0.0
03/07/2024 19:40	0.1	68	9	0.5	0.0
03/07/2024 19:50	0.6	65	26	1.6	0.0
03/07/2024 20:00	0.7	105	34	1.7	0.0
03/07/2024 20:10	0.9	93	36	2.2	0.0
03/07/2024 20:20	1.1	96	32	2.1	0.0
03/07/2024 20:30	1.2	93	38	2.1	0.0
03/07/2024 20:40	1.1	93	26	1.7	0.0
03/07/2024 20:50	1.0	105	28	2.0	0.0
03/07/2024 21:00	1.4	106	33	2.1	0.0
03/07/2024 21:10	1.8	122	33	3.2	0.0
03/07/2024 21:20	2.2	116	27	4.3	0.0
03/07/2024 21:30	2.2	124	29	3.8	0.0
03/07/2024 21:40	2.3	117	31	4.4	0.0
03/07/2024 21:50	2.8	119	27	4.7	0.0
03/07/2024 22:00	2.1	124	33	3.6	0.0
03/07/2024 22:10	2.4	121	28	4.2	0.0
03/07/2024 22:20	2.4	121	29	4.2	0.0
03/07/2024 22:30	2.0	119	35	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/07/2024 22:40	2.2	110	36	4.0	0.0
03/07/2024 22:50	2.5	118	33	4.5	0.0
03/07/2024 23:00	2.2	117	30	4.0	0.0
03/07/2024 23:10	2.5	118	33	4.2	0.0
03/07/2024 23:20	2.6	115	27	4.4	0.0
03/07/2024 23:30	2.7	125	31	5.0	0.0
03/07/2024 23:40	2.5	118	32	4.8	0.0
03/07/2024 23:50	2.5	114	35	4.5	0.0
04/07/2024 00:00	2.8	115	31	4.4	0.0
04/07/2024 00:10	2.3	114	37	3.9	0.0
04/07/2024 00:20	2.8	107	32	4.9	0.0
04/07/2024 00:30	3.2	109	36	5.6	0.0
04/07/2024 00:40	3.0	115	32	5.4	0.0
04/07/2024 00:50	3.6	106	30	6.1	0.0
04/07/2024 01:00	3.2	111	33	5.6	0.0
04/07/2024 01:10	3.5	110	37	5.8	0.0
04/07/2024 01:20	4.0	108	32	6.4	0.0
04/07/2024 01:30	4.1	103	27	7.1	0.0
04/07/2024 01:40	4.1	109	32	6.8	0.0
04/07/2024 01:50	3.9	109	35	6.0	0.0
04/07/2024 02:00	3.8	104	33	6.1	0.0
04/07/2024 02:10	3.7	105	30	5.8	0.0
04/07/2024 02:20	3.6	108	33	6.3	0.0
04/07/2024 02:30	3.6	107	29	6.2	0.0
04/07/2024 02:40	3.6	98	30	6.3	0.0
04/07/2024 02:50	4.6	96	28	7.2	0.0
04/07/2024 03:00	3.8	102	34	7.0	0.0
04/07/2024 03:10	4.1	105	31	6.9	0.0
04/07/2024 03:20	4.4	99	34	7.8	0.0
04/07/2024 03:30	4.5	108	40	8.3	0.0
04/07/2024 03:40	4.4	101	24	7.5	0.0
04/07/2024 03:50	4.9	93	28	7.6	0.0
04/07/2024 04:00	4.8	98	30	7.3	0.0
04/07/2024 04:10	4.0	109	30	7.4	0.0
04/07/2024 04:20	4.0	99	33	6.8	0.0
04/07/2024 04:30	4.2	99	25	6.9	0.0
04/07/2024 04:40	4.2	97	31	7.2	0.0
04/07/2024 04:50	3.9	103	29	6.8	0.0
04/07/2024 05:00	3.9	104	34	6.5	0.0
04/07/2024 05:10	3.8	106	33	6.8	0.0
04/07/2024 05:20	4.2	116	35	6.9	0.0
04/07/2024 05:30	4.3	105	34	7.3	0.0
04/07/2024 05:40	4.2	111	33	7.1	0.0
04/07/2024 05:50	4.5	106	33	7.2	0.0
04/07/2024 06:00	3.9	107	38	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 06:10	4.1	120	33	7.8	0.0
04/07/2024 06:20	4.2	111	30	7.2	0.0
04/07/2024 06:30	4.1	111	35	7.2	0.0
04/07/2024 06:40	3.8	110	31	6.4	0.0
04/07/2024 06:50	3.6	108	37	6.5	0.0
04/07/2024 07:00	4.0	114	30	6.8	0.0
04/07/2024 07:10	4.2	112	35	6.7	0.0
04/07/2024 07:20	4.3	102	35	6.8	0.0
04/07/2024 07:30	4.0	107	33	7.6	0.0
04/07/2024 07:40	4.5	109	33	7.2	0.0
04/07/2024 07:50	4.4	107	33	7.1	0.0
04/07/2024 08:00	4.6	109	33	7.2	0.0
04/07/2024 08:10	4.5	109	32	7.7	0.0
04/07/2024 08:20	4.8	105	39	7.6	0.0
04/07/2024 08:30	4.9	105	28	8.3	0.0
04/07/2024 08:40	4.8	108	31	8.0	0.0
04/07/2024 08:50	4.2	105	32	7.6	0.0
04/07/2024 09:00	4.7	110	34	8.7	0.0
04/07/2024 09:10	4.7	102	30	7.5	0.0
04/07/2024 09:20	4.6	108	32	7.2	0.0
04/07/2024 09:30	4.5	107	34	7.9	0.0
04/07/2024 09:40	4.5	103	28	6.8	0.0
04/07/2024 09:50	4.4	106	31	6.6	0.0
04/07/2024 10:00	4.3	101	33	7.9	0.0
04/07/2024 10:10	4.3	100	32	7.9	0.0
04/07/2024 10:20	4.3	105	28	7.5	0.0
04/07/2024 10:30	4.1	110	37	6.8	0.0
04/07/2024 10:40	4.1	109	35	6.8	0.0
04/07/2024 10:50	4.3	102	29	7.0	0.0
04/07/2024 11:00	4.2	100	30	6.8	0.0
04/07/2024 11:10	4.2	100	34	7.4	0.0
04/07/2024 11:20	4.1	116	32	6.4	0.0
04/07/2024 11:30	4.2	103	32	6.7	0.0
04/07/2024 11:40	3.9	99	31	6.4	0.0
04/07/2024 11:50	3.9	99	32	7.2	0.0
04/07/2024 12:00	3.9	100	30	6.5	0.0
04/07/2024 12:10	3.9	98	31	6.4	0.0
04/07/2024 12:20	3.7	100	31	6.8	0.0
04/07/2024 12:30	3.9	102	28	6.1	0.0
04/07/2024 12:40	4.1	104	32	7.2	0.0
04/07/2024 12:50	3.7	109	28	6.9	0.0
04/07/2024 13:00	3.8	105	27	6.2	0.0
04/07/2024 13:10	3.7	110	28	6.0	0.0
04/07/2024 13:20	3.2	101	35	5.4	0.0
04/07/2024 13:30	3.3	89	27	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 13:40	3.1	93	31	5.2	0.0
04/07/2024 13:50	3.1	93	30	4.8	0.0
04/07/2024 14:00	3.2	90	27	5.2	0.0
04/07/2024 14:10	2.8	104	30	5.0	0.0
04/07/2024 14:20	2.8	80	34	4.6	0.0
04/07/2024 14:30	2.8	93	32	4.4	0.0
04/07/2024 14:40	2.6	97	36	4.2	0.0
04/07/2024 14:50	2.8	80	23	4.4	0.0
04/07/2024 15:00	3.0	76	21	4.7	0.0
04/07/2024 15:10	3.0	79	20	4.8	0.0
04/07/2024 15:20	3.1	73	21	4.9	0.0
04/07/2024 15:30	2.7	71	23	4.7	0.0
04/07/2024 15:40	2.6	78	24	4.3	0.0
04/07/2024 15:50	2.8	81	23	4.7	0.0
04/07/2024 16:00	2.5	82	22	4.0	0.0
04/07/2024 16:10	2.7	82	24	4.5	0.0
04/07/2024 16:20	2.6	74	28	4.2	0.0
04/07/2024 16:30	2.5	76	22	3.9	0.0
04/07/2024 16:40	2.5	73	28	4.3	0.0
04/07/2024 16:50	2.2	81	29	3.5	0.0
04/07/2024 17:00	2.1	77	27	3.7	0.0
04/07/2024 17:10	2.0	77	23	3.4	0.0
04/07/2024 17:20	1.8	64	23	3.1	0.0
04/07/2024 17:30	1.4	66	21	2.5	0.0
04/07/2024 17:40	1.4	62	26	2.5	0.0
04/07/2024 17:50	1.5	66	26	2.3	0.0
04/07/2024 18:00	1.3	51	23	2.3	0.0
04/07/2024 18:10	1.2	46	24	2.2	0.0
04/07/2024 18:20	1.4	40	20	2.7	0.0
04/07/2024 18:30	1.1	44	22	1.9	0.0
04/07/2024 18:40	1.2	45	21	1.9	0.0
04/07/2024 18:50	0.9	47	27	1.4	0.0
04/07/2024 19:00	1.0	32	21	1.6	0.0
04/07/2024 19:10	1.0	37	18	1.7	0.0
04/07/2024 19:20	0.6	29	20	0.9	0.0
04/07/2024 19:30	0.6	39	24	1.1	0.0
04/07/2024 19:40	0.6	34	22	1.1	0.0
04/07/2024 19:50	0.5	42	23	1.2	0.0
04/07/2024 20:00	0.7	49	23	1.6	0.0
04/07/2024 20:10	0.4	62	26	1.2	0.0
04/07/2024 20:20	0.4	59	34	1.1	0.0
04/07/2024 20:30	0.8	85	41	1.5	0.0
04/07/2024 20:40	1.1	85	29	1.9	0.0
04/07/2024 20:50	1.3	83	22	2.4	0.0
04/07/2024 21:00	1.5	92	29	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/07/2024 21:10	1.8	86	29	3.3	0.0
04/07/2024 21:20	1.7	97	31	3.0	0.0
04/07/2024 21:30	1.7	104	32	3.4	0.0
04/07/2024 21:40	1.6	114	38	3.2	0.0
04/07/2024 21:50	1.7	111	27	2.5	0.0
04/07/2024 22:00	1.7	98	29	3.0	0.0
04/07/2024 22:10	1.6	99	34	2.8	0.0
04/07/2024 22:20	2.0	101	30	3.8	0.0
04/07/2024 22:30	2.0	100	27	3.8	0.0
04/07/2024 22:40	1.8	108	31	3.3	0.0
04/07/2024 22:50	2.0	111	36	3.7	0.0
04/07/2024 23:00	2.4	103	35	4.1	0.0
04/07/2024 23:10	2.8	105	35	5.2	0.0
04/07/2024 23:20	2.8	102	31	4.8	0.0
04/07/2024 23:30	2.9	101	34	5.5	0.0
04/07/2024 23:40	2.8	108	28	4.9	0.0
04/07/2024 23:50	3.0	103	28	4.9	0.0
05/07/2024 00:00	2.7	110	32	5.1	0.0
05/07/2024 00:10	2.5	108	28	4.3	0.0
05/07/2024 00:20	2.7	109	29	5.1	0.0
05/07/2024 00:30	3.0	117	34	5.6	0.0
05/07/2024 00:40	3.2	107	31	5.6	0.0
05/07/2024 00:50	2.7	111	30	4.5	0.0
05/07/2024 01:00	2.9	114	27	4.8	0.0
05/07/2024 01:10	3.1	114	30	5.1	0.0
05/07/2024 01:20	2.9	119	36	5.6	0.0
05/07/2024 01:30	2.9	113	29	5.2	0.0
05/07/2024 01:40	3.1	108	33	5.6	0.0
05/07/2024 01:50	3.2	107	36	5.3	0.0
05/07/2024 02:00	3.1	102	34	5.5	0.0
05/07/2024 02:10	3.4	110	33	6.2	0.0
05/07/2024 02:20	3.3	111	35	5.6	0.0
05/07/2024 02:30	3.2	109	39	5.7	0.0
05/07/2024 02:40	3.7	116	30	6.5	0.0
05/07/2024 02:50	3.6	110	31	6.5	0.0
05/07/2024 03:00	3.7	106	38	5.8	0.0
05/07/2024 03:10	3.2	106	35	5.8	0.0
05/07/2024 03:20	3.6	101	30	6.1	0.0
05/07/2024 03:30	3.1	101	33	5.7	0.0
05/07/2024 03:40	3.4	115	32	6.3	0.0
05/07/2024 03:50	3.4	110	36	5.7	0.0
05/07/2024 04:00	3.0	111	32	5.4	0.0
05/07/2024 04:10	3.4	111	37	5.8	0.0
05/07/2024 04:20	3.4	104	35	6.4	0.0
05/07/2024 04:30	3.7	99	30	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 04:40	3.2	104	30	5.3	0.0
05/07/2024 04:50	3.5	101	29	6.4	0.0
05/07/2024 05:00	3.4	109	30	6.1	0.0
05/07/2024 05:10	3.6	108	30	5.9	0.0
05/07/2024 05:20	3.5	110	32	6.8	0.0
05/07/2024 05:30	4.0	108	33	6.3	0.0
05/07/2024 05:40	3.6	107	29	6.8	0.0
05/07/2024 05:50	4.1	106	32	6.3	0.0
05/07/2024 06:00	3.9	104	37	6.4	0.0
05/07/2024 06:10	3.7	105	32	5.6	0.0
05/07/2024 06:20	3.4	97	29	6.4	0.0
05/07/2024 06:30	3.2	96	40	5.4	0.0
05/07/2024 06:40	3.4	100	30	5.7	0.0
05/07/2024 06:50	3.1	106	34	5.9	0.0
05/07/2024 07:00	3.4	103	33	5.3	0.0
05/07/2024 07:10	3.6	101	27	6.0	0.0
05/07/2024 07:20	3.2	109	31	5.6	0.0
05/07/2024 07:30	3.8	104	31	6.1	0.0
05/07/2024 07:40	3.5	104	26	5.4	0.0
05/07/2024 07:50	3.2	98	26	5.5	0.0
05/07/2024 08:00	3.4	103	31	5.4	0.0
05/07/2024 08:10	3.4	102	29	6.4	0.0
05/07/2024 08:20	3.7	100	29	5.9	0.0
05/07/2024 08:30	4.2	97	31	7.7	0.0
05/07/2024 08:40	3.9	100	31	6.7	0.0
05/07/2024 08:50	4.1	107	28	6.7	0.0
05/07/2024 09:00	3.8	97	27	6.8	0.0
05/07/2024 09:10	4.1	96	30	6.7	0.0
05/07/2024 09:20	4.1	97	28	6.8	0.0
05/07/2024 09:30	3.9	91	28	6.7	0.0
05/07/2024 09:40	4.2	89	29	7.0	0.0
05/07/2024 09:50	4.5	88	23	7.8	0.0
05/07/2024 10:00	4.2	87	24	7.0	0.0
05/07/2024 10:10	4.5	83	24	7.4	0.0
05/07/2024 10:20	4.2	87	27	6.8	0.0
05/07/2024 10:30	4.1	93	25	6.8	0.0
05/07/2024 10:40	4.0	90	23	6.2	0.0
05/07/2024 10:50	4.5	87	21	7.2	0.0
05/07/2024 11:00	4.0	90	24	6.4	0.0
05/07/2024 11:10	4.4	84	23	7.1	0.0
05/07/2024 11:20	4.2	93	27	6.4	0.0
05/07/2024 11:30	3.9	91	29	5.8	0.0
05/07/2024 11:40	3.9	89	26	6.4	0.0
05/07/2024 11:50	3.8	89	32	6.0	0.0
05/07/2024 12:00	3.7	87	26	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 12:10	3.9	89	24	6.8	0.0
05/07/2024 12:20	3.6	96	28	5.7	0.0
05/07/2024 12:30	3.9	88	29	5.9	0.0
05/07/2024 12:40	3.6	90	23	6.0	0.0
05/07/2024 12:50	3.2	86	25	4.9	0.0
05/07/2024 13:00	3.2	72	25	4.7	0.0
05/07/2024 13:10	3.4	86	29	6.0	0.0
05/07/2024 13:20	3.2	74	24	5.7	0.0
05/07/2024 13:30	3.1	77	22	5.2	0.0
05/07/2024 13:40	3.1	61	23	5.4	0.0
05/07/2024 13:50	3.0	57	22	5.3	0.0
05/07/2024 14:00	3.1	60	23	6.0	0.0
05/07/2024 14:10	3.1	56	22	5.1	0.0
05/07/2024 14:20	3.2	60	23	5.1	0.0
05/07/2024 14:30	3.3	66	20	5.2	0.0
05/07/2024 14:40	3.1	62	22	5.2	0.0
05/07/2024 14:50	3.2	62	22	5.2	0.0
05/07/2024 15:00	3.4	65	22	5.6	0.0
05/07/2024 15:10	3.2	63	22	5.2	0.0
05/07/2024 15:20	3.1	61	24	4.8	0.0
05/07/2024 15:30	3.1	61	24	4.5	0.0
05/07/2024 15:40	2.6	56	22	4.8	0.0
05/07/2024 15:50	2.8	66	23	4.8	0.0
05/07/2024 16:00	2.7	62	23	4.5	0.0
05/07/2024 16:10	2.4	62	23	4.2	0.0
05/07/2024 16:20	2.3	59	23	4.0	0.0
05/07/2024 16:30	2.7	59	24	4.0	0.0
05/07/2024 16:40	2.3	60	22	3.8	0.0
05/07/2024 16:50	2.4	55	22	4.0	0.0
05/07/2024 17:00	2.4	53	22	4.3	0.0
05/07/2024 17:10	2.1	60	24	3.3	0.0
05/07/2024 17:20	1.9	57	25	3.0	0.0
05/07/2024 17:30	1.9	58	25	3.2	0.0
05/07/2024 17:40	1.6	50	21	2.9	0.0
05/07/2024 17:50	1.5	54	21	2.7	0.0
05/07/2024 18:00	1.4	54	21	2.5	0.0
05/07/2024 18:10	1.2	52	25	2.4	0.0
05/07/2024 18:20	0.9	48	27	1.8	0.0
05/07/2024 18:30	1.3	62	28	2.3	0.0
05/07/2024 18:40	1.4	63	26	2.5	0.0
05/07/2024 18:50	1.2	65	25	2.1	0.0
05/07/2024 19:00	1.3	67	27	2.5	0.0
05/07/2024 19:10	1.0	58	27	1.6	0.0
05/07/2024 19:20	0.9	56	25	1.6	0.0
05/07/2024 19:30	0.9	61	36	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/07/2024 19:40	1.0	59	29	1.7	0.0
05/07/2024 19:50	1.3	77	28	2.7	0.0
05/07/2024 20:00	1.3	84	30	2.4	0.0
05/07/2024 20:10	1.8	93	29	2.9	0.0
05/07/2024 20:20	1.6	94	28	3.3	0.0
05/07/2024 20:30	1.7	93	31	3.1	0.0
05/07/2024 20:40	1.9	98	30	3.0	0.0
05/07/2024 20:50	1.6	107	34	2.6	0.0
05/07/2024 21:00	1.8	100	32	3.4	0.0
05/07/2024 21:10	1.7	100	29	3.0	0.0
05/07/2024 21:20	1.7	98	37	3.2	0.0
05/07/2024 21:30	1.6	107	28	2.6	0.0
05/07/2024 21:40	1.3	97	34	2.2	0.0
05/07/2024 21:50	1.7	97	32	3.6	0.0
05/07/2024 22:00	2.0	93	31	3.2	0.0
05/07/2024 22:10	2.0	98	31	3.6	0.0
05/07/2024 22:20	1.9	102	32	2.9	0.0
05/07/2024 22:30	2.2	102	27	3.9	0.0
05/07/2024 22:40	1.9	101	35	3.1	0.0
05/07/2024 22:50	1.9	109	37	3.9	0.0
05/07/2024 23:00	1.5	104	33	2.4	0.0
05/07/2024 23:10	1.9	97	28	3.3	0.0
05/07/2024 23:20	2.0	98	30	3.4	0.0
05/07/2024 23:30	2.0	97	28	3.3	0.0
05/07/2024 23:40	2.1	100	37	3.8	0.0
05/07/2024 23:50	2.0	99	36	3.5	0.0
06/07/2024 00:00	2.0	91	33	3.8	0.0
06/07/2024 00:10	1.7	91	33	3.2	0.0
06/07/2024 00:20	1.9	95	31	3.6	0.0
06/07/2024 00:30	1.7	119	39	2.8	0.0
06/07/2024 00:40	1.3	106	29	2.2	0.0
06/07/2024 00:50	1.3	109	30	2.0	0.0
06/07/2024 01:00	1.5	99	35	3.0	0.0
06/07/2024 01:10	1.6	96	31	3.1	0.0
06/07/2024 01:20	2.0	102	30	3.6	0.0
06/07/2024 01:30	1.7	103	38	3.1	0.0
06/07/2024 01:40	1.8	95	32	3.3	0.0
06/07/2024 01:50	1.9	97	32	3.5	0.0
06/07/2024 02:00	2.2	100	33	3.4	0.0
06/07/2024 02:10	1.7	104	33	3.0	0.0
06/07/2024 02:20	1.8	94	34	3.2	0.0
06/07/2024 02:30	1.9	95	30	3.3	0.0
06/07/2024 02:40	2.0	98	27	3.2	0.0
06/07/2024 02:50	2.1	94	27	4.0	0.0
06/07/2024 03:00	2.3	101	31	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 03:10	2.1	98	32	4.3	0.0
06/07/2024 03:20	2.2	93	27	4.1	0.0
06/07/2024 03:30	2.3	98	38	4.1	0.0
06/07/2024 03:40	2.4	96	27	4.1	0.0
06/07/2024 03:50	2.2	99	34	4.3	0.0
06/07/2024 04:00	2.0	100	29	3.5	0.0
06/07/2024 04:10	2.2	89	33	3.6	0.0
06/07/2024 04:20	2.0	92	33	3.6	0.0
06/07/2024 04:30	2.4	92	28	4.6	0.0
06/07/2024 04:40	2.3	96	34	3.6	0.0
06/07/2024 04:50	2.3	90	26	4.3	0.0
06/07/2024 05:00	2.4	87	24	4.5	0.0
06/07/2024 05:10	2.7	87	21	4.4	0.0
06/07/2024 05:20	2.6	84	26	4.2	0.0
06/07/2024 05:30	2.6	88	26	4.4	0.0
06/07/2024 05:40	2.3	86	25	4.2	0.0
06/07/2024 05:50	2.7	88	21	4.6	0.0
06/07/2024 06:00	2.1	88	22	3.8	0.0
06/07/2024 06:10	2.4	87	25	4.4	0.0
06/07/2024 06:20	2.5	99	29	4.5	0.0
06/07/2024 06:30	2.3	91	32	4.0	0.0
06/07/2024 06:40	2.3	97	26	4.3	0.0
06/07/2024 06:50	2.3	103	33	4.1	0.0
06/07/2024 07:00	2.2	106	32	4.0	0.0
06/07/2024 07:10	2.0	97	36	3.7	0.0
06/07/2024 07:20	2.2	99	33	4.0	0.0
06/07/2024 07:30	2.0	111	32	3.6	0.0
06/07/2024 07:40	2.1	110	28	3.5	0.0
06/07/2024 07:50	2.2	105	31	3.6	0.0
06/07/2024 08:00	2.3	108	34	3.6	0.0
06/07/2024 08:10	2.3	112	32	3.9	0.0
06/07/2024 08:20	2.6	113	30	4.8	0.0
06/07/2024 08:30	2.6	102	33	4.4	0.0
06/07/2024 08:40	2.7	103	29	4.8	0.0
06/07/2024 08:50	2.7	107	35	4.7	0.0
06/07/2024 09:00	2.8	97	39	4.4	0.0
06/07/2024 09:10	2.7	97	33	4.9	0.0
06/07/2024 09:20	2.9	87	29	5.6	0.0
06/07/2024 09:30	3.1	91	27	5.2	0.0
06/07/2024 09:40	3.4	88	28	5.5	0.0
06/07/2024 09:50	3.4	87	27	5.6	0.0
06/07/2024 10:00	3.2	87	26	5.6	0.0
06/07/2024 10:10	3.3	92	30	5.4	0.0
06/07/2024 10:20	3.4	82	25	6.0	0.0
06/07/2024 10:30	3.3	80	23	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 10:40	3.2	82	24	5.6	0.0
06/07/2024 10:50	3.6	83	25	5.6	0.0
06/07/2024 11:00	3.5	76	20	6.0	0.0
06/07/2024 11:10	3.1	77	29	5.0	0.0
06/07/2024 11:20	3.6	83	26	6.0	0.0
06/07/2024 11:30	3.4	82	30	5.1	0.0
06/07/2024 11:40	3.9	83	18	6.4	0.0
06/07/2024 11:50	3.3	83	29	5.7	0.0
06/07/2024 12:00	3.2	84	27	5.8	0.0
06/07/2024 12:10	3.4	73	25	5.8	0.0
06/07/2024 12:20	3.5	77	26	5.7	0.0
06/07/2024 12:30	3.3	77	25	5.5	0.0
06/07/2024 12:40	3.4	79	25	5.6	0.0
06/07/2024 12:50	3.3	82	23	5.6	0.0
06/07/2024 13:00	3.4	80	24	5.3	0.0
06/07/2024 13:10	3.4	80	25	5.3	0.0
06/07/2024 13:20	2.9	90	30	4.8	0.0
06/07/2024 13:30	3.0	89	28	4.7	0.0
06/07/2024 13:40	2.9	78	27	4.5	0.0
06/07/2024 13:50	3.0	81	23	4.5	0.0
06/07/2024 14:00	2.9	72	21	5.0	0.0
06/07/2024 14:10	3.1	80	20	4.9	0.0
06/07/2024 14:20	2.9	88	27	4.9	0.0
06/07/2024 14:30	2.7	87	26	4.8	0.0
06/07/2024 14:40	2.7	78	28	4.4	0.0
06/07/2024 14:50	2.5	84	29	4.0	0.0
06/07/2024 15:00	2.7	77	31	4.4	0.0
06/07/2024 15:10	2.3	85	30	3.8	0.0
06/07/2024 15:20	2.2	81	30	3.7	0.0
06/07/2024 15:30	2.3	75	27	3.5	0.0
06/07/2024 15:40	2.5	61	20	4.4	0.0
06/07/2024 15:50	2.5	51	24	4.0	0.0
06/07/2024 16:00	2.4	61	22	3.6	0.0
06/07/2024 16:10	2.1	61	20	3.6	0.0
06/07/2024 16:20	2.1	65	22	3.4	0.0
06/07/2024 16:30	2.1	48	23	3.5	0.0
06/07/2024 16:40	1.9	53	23	3.6	0.0
06/07/2024 16:50	2.0	51	22	3.2	0.0
06/07/2024 17:00	1.8	55	22	3.6	0.0
06/07/2024 17:10	1.8	51	21	3.3	0.0
06/07/2024 17:20	1.6	48	17	2.5	0.0
06/07/2024 17:30	1.6	45	18	2.7	0.0
06/07/2024 17:40	1.4	44	18	2.4	0.0
06/07/2024 17:50	1.3	39	17	2.0	0.0
06/07/2024 18:00	1.2	33	17	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/07/2024 18:10	1.2	33	17	1.9	0.0
06/07/2024 18:20	1.3	31	17	1.7	0.0
06/07/2024 18:30	1.3	25	17	1.7	0.0
06/07/2024 18:40	1.3	23	17	2.0	0.0
06/07/2024 18:50	1.5	25	14	2.0	0.0
06/07/2024 19:00	1.5	22	15	2.1	0.0
06/07/2024 19:10	1.6	23	16	2.0	0.0
06/07/2024 19:20	1.6	22	17	2.1	0.0
06/07/2024 19:30	1.5	20	16	2.0	0.0
06/07/2024 19:40	1.4	13	15	2.1	0.0
06/07/2024 19:50	1.4	14	18	2.0	0.0
06/07/2024 20:00	1.5	10	19	2.0	0.0
06/07/2024 20:10	1.6	10	12	2.0	0.0
06/07/2024 20:20	1.4	14	14	1.8	0.0
06/07/2024 20:30	1.5	17	13	1.9	0.0
06/07/2024 20:40	1.4	13	14	2.0	0.0
06/07/2024 20:50	1.0	6	19	1.5	0.0
06/07/2024 21:00	0.7	234	33	1.2	0.0
06/07/2024 21:10	0.9	313	20	1.2	0.0
06/07/2024 21:20	1.2	346	15	1.6	0.0
06/07/2024 21:30	1.0	178	17	1.3	0.0
06/07/2024 21:40	0.3	341	12	0.9	0.0
06/07/2024 21:50	0.6	347	6	1.2	0.0
06/07/2024 22:00	1.3	342	11	1.6	0.0
06/07/2024 22:10	1.1	350	17	1.7	0.0
06/07/2024 22:20	1.5	339	7	1.8	0.0
06/07/2024 22:30	1.1	335	12	1.4	0.0
06/07/2024 22:40	0.9	339	13	1.2	0.0
06/07/2024 22:50	1.1	337	9	1.2	0.0
06/07/2024 23:00	1.2	330	9	1.5	0.0
06/07/2024 23:10	0.5	214	17	1.1	0.0
06/07/2024 23:20	0.7	342	7	1.2	0.0
06/07/2024 23:30	1.0	346	11	1.2	0.0
06/07/2024 23:40	1.0	342	11	1.3	0.0
06/07/2024 23:50	1.0	338	12	1.3	0.0
07/07/2024 00:00	1.0	344	14	1.3	0.0
07/07/2024 00:10	0.9	346	15	1.2	0.0
07/07/2024 00:20	1.0	349	14	1.3	0.0
07/07/2024 00:30	0.9	345	13	1.2	0.0
07/07/2024 00:40	1.1	346	10	1.2	0.0
07/07/2024 00:50	0.9	347	12	1.2	0.0
07/07/2024 01:00	0.9	349	15	1.3	0.0
07/07/2024 01:10	0.7	351	13	1.1	0.0
07/07/2024 01:20	0.9	352	13	1.2	0.0
07/07/2024 01:30	0.9	348	12	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 01:40	0.8	178	14	1.1	0.0
07/07/2024 01:50	0.7	182	14	1.2	0.0
07/07/2024 02:00	0.9	176	17	1.3	0.0
07/07/2024 02:10	1.0	349	16	1.4	0.0
07/07/2024 02:20	1.0	174	13	1.3	0.0
07/07/2024 02:30	1.2	343	11	1.5	0.0
07/07/2024 02:40	1.0	344	10	1.3	0.0
07/07/2024 02:50	0.7	177	16	1.1	0.0
07/07/2024 03:00	0.4	174	13	0.9	0.0
07/07/2024 03:10	0.9	348	13	1.3	0.0
07/07/2024 03:20	0.9	355	18	1.4	0.0
07/07/2024 03:30	1.1	351	19	1.6	0.0
07/07/2024 03:40	1.3	341	10	1.7	0.0
07/07/2024 03:50	1.1	334	9	1.4	0.0
07/07/2024 04:00	1.4	337	13	1.8	0.0
07/07/2024 04:10	1.0	337	14	1.4	0.0
07/07/2024 04:20	0.9	334	11	1.2	0.0
07/07/2024 04:30	1.0	346	17	1.4	0.0
07/07/2024 04:40	1.1	8	16	1.4	0.0
07/07/2024 04:50	1.1	10	15	1.3	0.0
07/07/2024 05:00	1.2	355	18	1.5	0.0
07/07/2024 05:10	1.2	347	16	1.6	0.0
07/07/2024 05:20	1.1	354	15	1.5	0.0
07/07/2024 05:30	1.1	5	16	1.4	0.0
07/07/2024 05:40	1.1	178	17	1.5	0.0
07/07/2024 05:50	1.1	347	14	1.4	0.0
07/07/2024 06:00	1.1	347	17	1.4	0.0
07/07/2024 06:10	1.1	348	13	1.4	0.0
07/07/2024 06:20	1.2	344	11	1.5	0.0
07/07/2024 06:30	1.2	346	12	1.5	0.0
07/07/2024 06:40	1.0	18	20	1.5	0.0
07/07/2024 06:50	1.0	24	20	1.7	0.0
07/07/2024 07:00	0.7	19	19	1.3	0.0
07/07/2024 07:10	1.0	15	24	1.4	0.0
07/07/2024 07:20	0.9	17	25	1.5	0.0
07/07/2024 07:30	0.4	202	12	1.0	0.0
07/07/2024 07:40	0.3	10	8	1.1	0.0
07/07/2024 07:50	0.3	83	26	1.2	0.0
07/07/2024 08:00	0.6	81	32	1.4	0.0
07/07/2024 08:10	1.2	125	30	2.1	0.0
07/07/2024 08:20	1.4	124	31	2.3	0.0
07/07/2024 08:30	1.6	121	30	3.2	0.0
07/07/2024 08:40	1.8	129	35	3.0	0.0
07/07/2024 08:50	1.6	129	40	2.8	0.0
07/07/2024 09:00	1.8	130	27	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 09:10	1.8	124	31	3.0	0.0
07/07/2024 09:20	2.0	110	29	3.3	0.0
07/07/2024 09:30	1.8	119	28	3.2	0.0
07/07/2024 09:40	1.9	116	29	3.0	0.0
07/07/2024 09:50	1.8	105	34	3.0	0.0
07/07/2024 10:00	2.1	98	33	4.0	0.0
07/07/2024 10:10	2.4	88	26	4.1	0.0
07/07/2024 10:20	2.5	94	24	4.1	0.0
07/07/2024 10:30	2.8	79	24	4.8	0.0
07/07/2024 10:40	2.8	81	22	4.0	0.0
07/07/2024 10:50	2.8	79	27	4.7	0.0
07/07/2024 11:00	2.7	80	25	4.4	0.0
07/07/2024 11:10	2.9	83	23	4.4	0.0
07/07/2024 11:20	2.8	78	23	4.6	0.0
07/07/2024 11:30	2.8	75	23	4.8	0.0
07/07/2024 11:40	2.8	83	32	4.5	0.0
07/07/2024 11:50	2.6	81	28	3.7	0.0
07/07/2024 12:00	2.5	79	24	3.9	0.0
07/07/2024 12:10	2.6	81	30	5.2	0.0
07/07/2024 12:20	2.4	87	25	3.8	0.0
07/07/2024 12:30	2.4	76	27	3.6	0.0
07/07/2024 12:40	2.3	75	25	3.9	0.0
07/07/2024 12:50	2.4	77	24	4.1	0.0
07/07/2024 13:00	2.4	81	29	3.7	0.0
07/07/2024 13:10	2.4	89	20	4.1	0.0
07/07/2024 13:20	2.2	84	22	3.4	0.0
07/07/2024 13:30	2.2	86	26	3.6	0.0
07/07/2024 13:40	2.0	85	27	3.2	0.0
07/07/2024 13:50	1.9	91	31	3.1	0.0
07/07/2024 14:00	1.9	92	25	3.2	0.0
07/07/2024 14:10	1.7	75	30	3.0	0.0
07/07/2024 14:20	2.2	50	19	3.3	0.0
07/07/2024 14:30	2.0	48	19	3.2	0.0
07/07/2024 14:40	1.8	42	24	2.6	0.0
07/07/2024 14:50	1.6	52	22	2.8	0.0
07/07/2024 15:00	1.7	42	26	2.5	0.0
07/07/2024 15:10	1.7	54	25	2.8	0.0
07/07/2024 15:20	1.6	60	23	2.4	0.0
07/07/2024 15:30	1.6	45	23	2.9	0.0
07/07/2024 15:40	1.5	35	26	2.5	0.0
07/07/2024 15:50	1.8	44	28	2.9	0.0
07/07/2024 16:00	1.7	53	21	2.8	0.0
07/07/2024 16:10	1.4	46	22	2.4	0.0
07/07/2024 16:20	1.3	45	18	1.9	0.0
07/07/2024 16:30	1.5	47	17	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/07/2024 16:40	1.2	62	21	1.8	0.0
07/07/2024 16:50	1.3	74	20	1.9	0.0
07/07/2024 17:00	1.7	50	15	2.4	0.0
07/07/2024 17:10	1.5	39	19	2.3	0.0
07/07/2024 17:20	1.3	34	17	1.9	0.0
07/07/2024 17:30	1.4	38	18	2.0	0.0
07/07/2024 17:40	1.4	39	17	2.2	0.0
07/07/2024 17:50	1.2	44	19	1.9	0.0
07/07/2024 18:00	1.2	46	15	1.6	0.0
07/07/2024 18:10	1.3	38	17	2.0	0.0
07/07/2024 18:20	1.2	37	17	1.6	0.0
07/07/2024 18:30	1.3	27	15	2.0	0.0
07/07/2024 18:40	0.9	20	23	1.5	0.0
07/07/2024 18:50	0.9	26	13	1.6	0.0
07/07/2024 19:00	0.2	31	10	0.8	0.0
07/07/2024 19:10	0.3	253	7	0.9	0.0
07/07/2024 19:20	0.4	261	5	0.9	0.0
07/07/2024 19:30	0.3	265	8	0.8	0.0
07/07/2024 19:40					0.0
07/07/2024 19:50	0.2	337	3	0.9	0.0
07/07/2024 20:00	0.1	331	5	0.8	0.0
07/07/2024 20:10	0.2	333	4	0.9	0.0
07/07/2024 20:20	0.4	346	9	0.8	0.0
07/07/2024 20:30	1.0	329	7	1.3	0.0
07/07/2024 20:40	0.9	330	12	1.2	0.0
07/07/2024 20:50	0.7	341	11	1.2	0.0
07/07/2024 21:00	1.1	329	6	1.4	0.0
07/07/2024 21:10	1.2	338	9	1.5	0.0
07/07/2024 21:20	0.7	177	16	1.1	0.0
07/07/2024 21:30	0.1	175	5	0.6	0.0
07/07/2024 21:40	0.8	343	9	1.2	0.0
07/07/2024 21:50	1.0	336	8	1.3	0.0
07/07/2024 22:00	1.1	334	8	1.2	0.0
07/07/2024 22:10	1.1	334	7	1.3	0.0
07/07/2024 22:20	1.1	335	11	1.3	0.0
07/07/2024 22:30	1.0	345	14	1.4	0.0
07/07/2024 22:40	1.0	347	11	1.4	0.0
07/07/2024 22:50	0.7	330	7	1.2	0.0
07/07/2024 23:00	0.7	337	7	1.2	0.0
07/07/2024 23:10	1.1	338	9	1.2	0.0
07/07/2024 23:20	0.9	340	19	1.2	0.0
07/07/2024 23:30	1.1	330	10	1.4	0.0
07/07/2024 23:40	0.7	179	19	1.2	0.0
07/07/2024 23:50					0.0
08/07/2024 00:00	0.5	346	12	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 00:10					0.0
08/07/2023 00:20					0.0
08/07/2023 00:30	0.0	175	10	0.4	0.0
08/07/2023 00:40	0.8	148	42	2.0	0.0
08/07/2023 00:50	0.6	107	33	1.2	0.0
08/07/2023 01:00	0.4	103	38	1.6	0.0
08/07/2023 01:10	0.7	104	46	1.6	0.0
08/07/2023 01:20	0.3	108	23	1.2	0.0
08/07/2023 01:30	0.5	106	33	1.7	0.0
08/07/2023 01:40	0.8	111	34	1.8	0.0
08/07/2023 01:50	1.0	121	38	2.0	0.0
08/07/2023 02:00	1.1	118	36	2.0	0.0
08/07/2023 02:10	0.8	117	34	1.6	0.0
08/07/2023 02:20	0.5	102	27	1.2	0.0
08/07/2023 02:30	0.8	135	35	1.8	0.0
08/07/2023 02:40	0.7	112	31	1.4	0.0
08/07/2023 02:50	0.7	107	29	1.6	0.0
08/07/2023 03:00	0.5	121	28	1.2	0.0
08/07/2023 03:10	0.3	121	23	0.9	0.0
08/07/2023 03:20	0.6	108	33	1.2	0.0
08/07/2023 03:30	1.5	128	41	2.9	0.0
08/07/2023 03:40	1.9	124	31	3.2	0.0
08/07/2023 03:50	2.6	125	27	4.7	0.0
08/07/2023 04:00	2.2	122	38	4.0	0.0
08/07/2023 04:10	2.2	123	32	3.6	0.0
08/07/2023 04:20	2.1	127	29	3.2	0.0
08/07/2023 04:30	2.0	122	26	3.5	0.0
08/07/2023 04:40	1.8	134	27	3.1	0.0
08/07/2023 04:50	1.4	133	31	2.8	0.0
08/07/2023 05:00	1.4	145	26	2.0	0.0
08/07/2023 05:10	1.5	132	35	2.5	0.0
08/07/2023 05:20	1.2	133	31	2.4	0.0
08/07/2023 05:30	1.4	138	28	2.8	0.0
08/07/2023 05:40	1.1	133	27	2.0	0.0
08/07/2023 05:50	1.2	141	25	2.1	0.0
08/07/2023 06:00	1.6	141	30	3.0	0.0
08/07/2023 06:10	1.6	144	31	2.9	0.0
08/07/2023 06:20	1.6	144	24	2.8	0.0
08/07/2023 06:30	1.4	138	30	2.8	0.0
08/07/2023 06:40	1.3	145	26	2.7	0.0
08/07/2023 06:50	1.4	146	26	2.1	0.0
08/07/2023 07:00	1.5	144	28	3.2	0.0
08/07/2023 07:10	1.6	141	23	3.0	0.0
08/07/2023 07:20	1.5	136	27	2.6	0.0
08/07/2023 07:30	1.8	131	29	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 07:40	1.7	130	27	3.5	0.0
08/07/2023 07:50	1.6	133	27	2.8	0.0
08/07/2023 08:00	1.7	133	24	3.2	0.0
08/07/2023 08:10	1.8	134	25	2.8	0.0
08/07/2023 08:20	1.9	128	28	3.2	0.0
08/07/2023 08:30	2.1	119	27	3.5	0.0
08/07/2023 08:40	2.2	110	29	3.6	0.0
08/07/2023 08:50	2.2	118	34	3.6	0.0
08/07/2023 09:00	2.2	116	32	4.1	0.0
08/07/2023 09:10	2.5	109	31	4.2	0.0
08/07/2023 09:20	2.9	125	32	5.5	0.0
08/07/2023 09:30	2.9	125	30	5.2	0.0
08/07/2023 09:40	3.3	117	32	5.4	0.0
08/07/2023 09:50	3.0	115	34	5.0	0.0
08/07/2023 10:00	3.5	113	32	5.8	0.0
08/07/2023 10:10	3.5	107	32	5.6	0.0
08/07/2023 10:20	3.4	97	29	5.6	0.0
08/07/2023 10:30	3.3	98	26	5.5	0.0
08/07/2023 10:40	3.3	100	28	5.7	0.0
08/07/2023 10:50	3.1	104	34	5.0	0.0
08/07/2023 11:00	3.3	102	36	5.2	0.0
08/07/2023 11:10	3.1	102	35	5.7	0.0
08/07/2023 11:20	3.0	100	27	5.0	0.0
08/07/2023 11:30	2.9	102	37	5.0	0.0
08/07/2023 11:40	3.1	98	32	5.4	0.0
08/07/2023 11:50	3.3	89	26	5.2	0.0
08/07/2023 12:00	3.3	89	23	5.4	0.0
08/07/2023 12:10	3.0	88	26	5.2	0.0
08/07/2023 12:20	3.0	73	25	5.5	0.0
08/07/2023 12:30	3.2	73	25	5.6	0.0
08/07/2023 12:40	3.3	74	25	5.7	0.0
08/07/2023 12:50	3.0	72	25	5.2	0.0
08/07/2023 13:00	2.9	65	25	4.6	0.0
08/07/2023 13:10	3.1	59	24	5.9	0.0
08/07/2023 13:20	3.2	60	21	5.6	0.0
08/07/2023 13:30	3.3	59	22	5.6	0.0
08/07/2023 13:40	3.3	57	23	5.1	0.0
08/07/2023 13:50	3.3	60	23	4.9	0.0
08/07/2023 14:00	3.2	58	25	5.2	0.0
08/07/2023 14:10	3.3	56	20	5.7	0.0
08/07/2023 14:20	3.1	57	24	5.6	0.0
08/07/2023 14:30	3.1	60	21	5.2	0.0
08/07/2023 14:40	2.9	56	22	5.0	0.0
08/07/2023 14:50	2.8	58	21	4.6	0.0
08/07/2023 15:00	2.8	55	19	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 15:10	2.6	59	22	4.6	0.0
08/07/2023 15:20	2.9	54	21	4.2	0.0
08/07/2023 15:30	2.7	54	20	4.5	0.0
08/07/2023 15:40	2.5	54	20	4.4	0.0
08/07/2023 15:50	2.3	57	23	3.4	0.0
08/07/2023 16:00	2.6	55	20	4.0	0.0
08/07/2023 16:10	2.3	55	19	4.8	0.0
08/07/2023 16:20	2.3	48	21	3.6	0.0
08/07/2023 16:30	2.5	46	21	3.7	0.0
08/07/2023 16:40	2.1	47	18	3.1	0.0
08/07/2023 16:50	2.0	46	20	3.5	0.0
08/07/2023 17:00	1.8	42	20	2.9	0.0
08/07/2023 17:10	1.5	38	17	2.4	0.0
08/07/2023 17:20	1.4	36	18	2.3	0.0
08/07/2023 17:30	1.4	31	14	2.0	0.0
08/07/2023 17:40	1.2	27	14	1.8	0.0
08/07/2023 17:50	1.2	25	14	1.6	0.0
08/07/2023 18:00	1.1	23	15	1.5	0.0
08/07/2023 18:10	0.8	20	20	1.3	0.0
08/07/2023 18:20	0.2	213	24	0.8	0.0
08/07/2023 18:30	0.3	55	26	0.6	0.0
08/07/2023 18:40	0.1	264	3	0.6	0.0
08/07/2023 18:50	0.1	271	6	0.6	0.0
08/07/2023 19:00	0.1	350	5	0.6	0.0
08/07/2023 19:10					0.0
08/07/2023 19:20	0.5	176	8	1.0	0.0
08/07/2023 19:30	0.3	8	7	0.6	0.0
08/07/2023 19:40	0.4	347	3	0.9	0.0
08/07/2023 19:50	0.8	345	8	1.1	0.0
08/07/2023 20:00	0.9	343	7	1.2	0.0
08/07/2023 20:10	0.7	345	9	1.0	0.0
08/07/2023 20:20	0.8	344	9	1.1	0.0
08/07/2023 20:30	0.7	343	9	0.9	0.0
08/07/2023 20:40	0.7	347	8	1.1	0.0
08/07/2023 20:50	0.6	345	10	1.2	0.0
08/07/2023 21:00	0.5	345	9	1.1	0.0
08/07/2023 21:10	0.5	348	10	0.8	0.0
08/07/2023 21:20	1.2	340	10	1.5	0.0
08/07/2023 21:30	1.2	342	10	1.6	0.0
08/07/2023 21:40	1.5	341	7	1.7	0.0
08/07/2023 21:50	1.4	330	5	1.6	0.0
08/07/2023 22:00	1.4	335	8	1.6	0.0
08/07/2023 22:10	1.1	340	10	1.4	0.0
08/07/2023 22:20	1.2	345	10	1.5	0.0
08/07/2023 22:30	0.4	280	8	1.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/07/2023 22:40	0.8	347	7	1.4	0.0
08/07/2023 22:50	0.9	342	11	1.4	0.0
08/07/2023 23:00	0.9	322	31	1.4	0.0
08/07/2023 23:10	0.4	335	18	1.0	0.0
08/07/2023 23:20	0.7	341	14	1.2	0.0
08/07/2023 23:30	0.4	335	8	0.8	0.0
08/07/2023 23:40	0.5	321	19	0.9	0.0
08/07/2023 23:50	1.2	262	13	1.6	0.0
09/07/2023 00:00	1.1	267	16	1.6	0.0
09/07/2023 00:10	0.6	304	35	1.1	0.0
09/07/2023 00:20	1.0	267	16	1.5	0.0
09/07/2023 00:30	0.6	269	30	1.3	0.0
09/07/2023 00:40	0.6	305	20	0.9	0.0
09/07/2023 00:50	0.6	352	16	1.1	0.0
09/07/2023 01:00	0.9	349	13	1.4	0.0
09/07/2023 01:10	0.8	344	13	1.6	0.0
09/07/2023 01:20	1.0	350	12	1.2	0.0
09/07/2023 01:30	1.1	349	14	1.7	0.0
09/07/2023 01:40	0.7	179	20	1.1	0.0
09/07/2023 01:50	0.8	179	16	1.0	0.0
09/07/2023 02:00	0.8	180	16	1.2	0.0
09/07/2023 02:10	1.0	6	13	1.2	0.0
09/07/2023 02:20	0.8	8	13	1.1	0.0
09/07/2023 02:30	0.9	11	11	1.2	0.0
09/07/2023 02:40	0.8	5	15	1.1	0.0
09/07/2023 02:50	0.6	8	13	0.8	0.0
09/07/2023 03:00	0.5	10	12	0.8	0.0
09/07/2023 03:10	0.1	15	4	0.5	0.0
09/07/2023 03:20					0.0
09/07/2023 03:30	0.0	354	2	0.4	0.0
09/07/2023 03:40					0.0
09/07/2023 03:50					0.0
09/07/2023 04:00	0.1	157	15	0.5	0.0
09/07/2023 04:10	0.0	54	8	0.4	0.0
09/07/2023 04:20	0.0	168	9	0.4	0.0
09/07/2023 04:30	0.2	55	26	0.9	0.0
09/07/2023 04:40	0.1	43	16	0.5	0.0
09/07/2023 04:50	0.5	75	32	1.4	0.0
09/07/2023 05:00	0.3	93	26	1.2	0.0
09/07/2023 05:10	0.7	85	33	1.5	0.0
09/07/2023 05:20	1.1	103	34	2.3	0.0
09/07/2023 05:30	0.9	108	36	1.7	0.0
09/07/2023 05:40	1.1	111	46	2.0	0.0
09/07/2023 05:50	0.7	97	38	1.6	0.0
09/07/2023 06:00	0.4	109	35	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 06:10	0.6	92	35	1.3	0.0
09/07/2023 06:20	0.5	93	27	1.2	0.0
09/07/2023 06:30	0.2	76	25	0.9	0.0
09/07/2023 06:40	0.1	69	10	0.6	0.0
09/07/2023 06:50	0.1	35	6	0.4	0.0
09/07/2023 07:00	0.0	69	2	0.4	0.0
09/07/2023 07:10	0.0	62	4	0.5	0.0
09/07/2023 07:20	0.1	80	17	0.5	0.0
09/07/2023 07:30	0.1	106	12	0.8	0.0
09/07/2023 07:40	0.3	127	22	0.9	0.0
09/07/2023 07:50	0.4	128	20	1.2	0.0
09/07/2023 08:00	0.8	121	28	2.0	0.0
09/07/2023 08:10	1.1	109	32	2.2	0.0
09/07/2023 08:20	1.7	109	26	3.2	0.0
09/07/2023 08:30	1.9	112	30	3.4	0.0
09/07/2023 08:40	1.9	111	33	3.8	0.0
09/07/2023 08:50	2.3	107	31	3.8	0.0
09/07/2023 09:00	2.3	109	30	3.8	0.0
09/07/2023 09:10	2.1	115	29	3.6	0.0
09/07/2023 09:20	2.0	118	36	3.7	0.0
09/07/2023 09:30	2.6	111	31	4.0	0.0
09/07/2023 09:40	2.6	107	29	4.6	0.0
09/07/2023 09:50	3.2	101	31	5.1	0.0
09/07/2023 10:00	3.3	98	27	5.6	0.0
09/07/2023 10:10	2.7	103	31	4.5	0.0
09/07/2023 10:20	2.9	102	33	5.3	0.0
09/07/2023 10:30	2.9	98	35	4.6	0.0
09/07/2023 10:40	3.7	104	31	5.7	0.0
09/07/2023 10:50	3.3	95	30	5.2	0.0
09/07/2023 11:00	3.0	97	28	5.0	0.0
09/07/2023 11:10	3.0	103	29	5.2	0.0
09/07/2023 11:20	2.7	102	36	4.7	0.0
09/07/2023 11:30	2.8	96	31	4.6	0.0
09/07/2023 11:40	3.1	90	27	5.2	0.0
09/07/2023 11:50	3.4	89	25	5.5	0.0
09/07/2023 12:00	3.5	85	20	5.4	0.0
09/07/2023 12:10	3.0	90	27	4.8	0.0
09/07/2023 12:20	3.1	78	24	5.2	0.0
09/07/2023 12:30	3.3	82	25	5.2	0.0
09/07/2023 12:40	3.2	76	24	5.2	0.0
09/07/2023 12:50	3.2	76	22	5.5	0.0
09/07/2023 13:00	3.3	83	25	5.7	0.0
09/07/2023 13:10	3.1	85	26	5.5	0.0
09/07/2023 13:20	3.1	81	21	4.9	0.0
09/07/2023 13:30	2.8	86	27	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 13:40	3.2	86	27	5.2	0.0
09/07/2023 13:50	3.1	80	24	5.0	0.0
09/07/2023 14:00	3.1	84	23	5.2	0.0
09/07/2023 14:10	2.4	73	24	4.2	0.0
09/07/2023 14:20	2.5	67	24	4.0	0.0
09/07/2023 14:30	2.8	63	23	5.3	0.0
09/07/2023 14:40	2.7	65	23	4.2	0.0
09/07/2023 14:50	2.8	66	21	4.4	0.0
09/07/2023 15:00	2.8	62	23	4.3	0.0
09/07/2023 15:10	2.8	63	23	4.8	0.0
09/07/2023 15:20	2.9	58	20	4.7	0.0
09/07/2023 15:30	2.6	67	26	4.1	0.0
09/07/2023 15:40	2.5	55	20	4.0	0.0
09/07/2023 15:50	2.7	49	24	4.5	0.0
09/07/2023 16:00	2.6	52	19	4.2	0.0
09/07/2023 16:10	2.4	52	20	4.2	0.0
09/07/2023 16:20	2.6	48	20	3.9	0.0
09/07/2023 16:30	2.2	48	22	3.3	0.0
09/07/2023 16:40	2.4	47	17	4.0	0.0
09/07/2023 16:50	2.1	45	18	3.2	0.0
09/07/2023 17:00	2.2	44	23	3.2	0.0
09/07/2023 17:10	2.3	45	17	3.3	0.0
09/07/2023 17:20	1.8	44	19	2.6	0.0
09/07/2023 17:30	1.5	37	19	2.2	0.0
09/07/2023 17:40	1.5	34	15	2.2	0.0
09/07/2023 17:50	1.4	34	17	2.0	0.0
09/07/2023 18:00	1.3	34	19	1.9	0.0
09/07/2023 18:10	0.7	41	20	1.6	0.0
09/07/2023 18:20	0.1	219	2	0.5	0.0
09/07/2023 18:30	0.0	52	1	0.4	0.0
09/07/2023 18:40	0.1	107	8	0.6	0.0
09/07/2023 18:50	0.6	210	9	1.2	0.0
09/07/2023 19:00	0.3	122	15	0.7	0.0
09/07/2023 19:10	0.0	195	6	0.4	0.0
09/07/2023 19:20	0.4	10	13	0.8	0.0
09/07/2023 19:30	0.6	20	17	1.0	0.0
09/07/2023 19:40	0.8	20	13	1.2	0.0
09/07/2023 19:50	0.7	21	15	1.0	0.0
09/07/2023 20:00	0.5	22	17	0.8	0.0
09/07/2023 20:10	0.8	7	15	1.2	0.0
09/07/2023 20:20	0.9	17	15	1.3	0.0
09/07/2023 20:30	0.2	60	10	0.8	0.0
09/07/2023 20:40					0.0
09/07/2023 20:50	0.1	14	6	0.6	0.0
09/07/2023 21:00	0.0	26	3	0.4	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/07/2023 21:10	0.0	16	4	0.4	0.0
09/07/2023 21:20	0.2	19	9	0.6	0.0
09/07/2023 21:30	0.5	13	15	0.8	0.0
09/07/2023 21:40	0.5	8	15	0.9	0.0
09/07/2023 21:50					0.0
09/07/2023 22:00	0.1	189	5	0.6	0.0
09/07/2023 22:10	0.2	15	11	0.8	0.0
09/07/2023 22:20	0.1	178	9	0.6	0.0
09/07/2023 22:30	0.2	40	13	0.6	0.0
09/07/2023 22:40	0.3	31	12	0.8	0.0
09/07/2023 22:50	0.2	31	10	0.7	0.0
09/07/2023 23:00	0.0	181	2	0.4	0.0
09/07/2023 23:10					0.0
09/07/2023 23:20					0.0
09/07/2023 23:30	0.0	147	0	0.4	0.0
09/07/2023 23:40	0.2	47	19	0.7	0.0
09/07/2023 23:50	0.8	41	23	1.2	0.0
10/07/2023 00:00	0.2	67	18	0.7	0.0
10/07/2023 00:10	0.3	39	16	0.7	0.0
10/07/2023 00:20	0.2	45	12	0.7	0.0
10/07/2023 00:30	0.4	45	17	0.8	0.0
10/07/2023 00:40	0.4	47	17	0.8	0.0
10/07/2023 00:50	0.2	55	10	0.6	0.0
10/07/2023 01:00	0.3	88	14	0.8	0.0
10/07/2023 01:10	0.3	38	20	0.9	0.0
10/07/2023 01:20	0.7	28	16	1.2	0.0
10/07/2023 01:30	0.4	65	27	1.2	0.0
10/07/2023 01:40	0.1	43	6	0.6	0.0
10/07/2023 01:50	0.2	45	11	0.8	0.0
10/07/2023 02:00	0.2	61	16	0.7	0.0
10/07/2023 02:10	0.4	80	15	0.8	0.0
10/07/2023 02:20	0.3	58	17	0.8	0.0
10/07/2023 02:30	0.8	50	19	1.2	0.0
10/07/2023 02:40	0.6	55	19	1.1	0.0
10/07/2023 02:50	0.5	60	17	1.1	0.0
10/07/2023 03:00	0.2	69	13	0.7	0.0
10/07/2023 03:10	0.4	61	15	0.8	0.0
10/07/2023 03:20	0.8	65	22	1.6	0.0
10/07/2023 03:30	0.9	74	21	1.6	0.0
10/07/2023 03:40	0.6	77	20	1.2	0.0
10/07/2023 03:50	0.6	71	24	1.2	0.0
10/07/2023 04:00	0.7	76	18	1.2	0.0
10/07/2023 04:10	1.0	81	19	1.6	0.0
10/07/2023 04:20	1.2	86	23	1.9	0.0
10/07/2023 04:30	1.1	83	26	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 04:40	1.1	81	20	1.9	0.0
10/07/2023 04:50	0.9	89	25	2.1	0.0
10/07/2023 05:00	1.1	97	30	2.1	0.0
10/07/2023 05:10	0.9	96	27	1.5	0.0
10/07/2023 05:20	0.9	103	29	1.7	0.0
10/07/2023 05:30	0.7	100	25	1.4	0.0
10/07/2023 05:40	1.0	96	24	1.6	0.0
10/07/2023 05:50	1.2	101	38	2.5	0.0
10/07/2023 06:00	1.4	96	25	2.5	0.0
10/07/2023 06:10	1.3	98	28	2.1	0.0
10/07/2023 06:20	1.2	92	25	2.4	0.0
10/07/2023 06:30	1.3	87	23	2.4	0.0
10/07/2023 06:40	1.2	91	26	2.0	0.0
10/07/2023 06:50	1.1	93	28	1.8	0.0
10/07/2023 07:00	1.3	93	24	2.3	0.0
10/07/2023 07:10	1.4	104	26	2.4	0.0
10/07/2023 07:20	1.4	102	31	2.4	0.0
10/07/2023 07:30	1.1	111	29	2.0	0.0
10/07/2023 07:40	1.1	109	28	2.0	0.0
10/07/2023 07:50	1.1	109	30	2.0	0.0
10/07/2023 08:00	1.1	97	32	2.0	0.0
10/07/2023 08:10	1.3	98	29	2.0	0.0
10/07/2023 08:20	1.4	102	26	2.4	0.0
10/07/2023 08:30	1.7	122	29	3.0	0.0
10/07/2023 08:40	1.8	114	26	3.0	0.0
10/07/2023 08:50	1.5	109	27	2.5	0.0
10/07/2023 09:00	1.8	109	30	3.6	0.0
10/07/2023 09:10	1.8	106	30	2.8	0.0
10/07/2023 09:20	2.0	109	29	3.3	0.0
10/07/2023 09:30	1.9	98	26	3.2	0.0
10/07/2023 09:40	2.3	86	26	4.1	0.0
10/07/2023 09:50	2.6	95	28	4.3	0.0
10/07/2023 10:00	2.3	91	25	3.9	0.0
10/07/2023 10:10	2.7	84	22	4.2	0.0
10/07/2023 10:20	2.6	84	29	4.2	0.0
10/07/2023 10:30	2.9	78	25	5.2	0.0
10/07/2023 10:40	3.1	75	26	4.6	0.0
10/07/2023 10:50	2.8	81	23	4.5	0.0
10/07/2023 11:00	2.9	91	23	4.8	0.0
10/07/2023 11:10	3.5	90	28	5.9	0.0
10/07/2023 11:20	3.1	86	25	5.1	0.0
10/07/2023 11:30	2.9	74	24	5.4	0.0
10/07/2023 11:40	3.1	66	24	5.6	0.0
10/07/2023 11:50	3.2	73	25	6.0	0.0
10/07/2023 12:00	3.0	66	21	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 12:10	3.1	67	23	4.8	0.0
10/07/2023 12:20	3.2	65	25	5.2	0.0
10/07/2023 12:30	3.2	63	23	5.0	0.0
10/07/2023 12:40	2.9	68	28	5.2	0.0
10/07/2023 12:50	3.1	68	23	4.7	0.0
10/07/2023 13:00	3.0	66	24	5.1	0.0
10/07/2023 13:10	2.9	68	22	4.5	0.0
10/07/2023 13:20	3.1	73	23	5.0	0.0
10/07/2023 13:30	3.2	69	22	5.7	0.0
10/07/2023 13:40	3.3	66	25	5.2	0.0
10/07/2023 13:50	3.0	64	24	4.7	0.0
10/07/2023 14:00	3.0	72	26	5.3	0.0
10/07/2023 14:10	3.0	70	20	4.3	0.0
10/07/2023 14:20	3.1	72	22	4.8	0.0
10/07/2023 14:30	2.9	78	25	4.4	0.0
10/07/2023 14:40	2.9	64	25	4.7	0.0
10/07/2023 14:50	3.1	67	25	5.4	0.0
10/07/2023 15:00	3.0	61	25	4.8	0.0
10/07/2023 15:10	3.1	56	21	4.8	0.0
10/07/2023 15:20	3.3	58	22	4.8	0.0
10/07/2023 15:30	3.0	53	23	4.6	0.0
10/07/2023 15:40	3.0	58	24	4.8	0.0
10/07/2023 15:50	3.0	58	22	5.0	0.0
10/07/2023 16:00	3.2	58	26	4.9	0.0
10/07/2023 16:10	3.0	55	20	4.5	0.0
10/07/2023 16:20	2.8	55	22	4.6	0.0
10/07/2023 16:30	2.9	52	23	4.8	0.0
10/07/2023 16:40	2.3	51	21	4.0	0.0
10/07/2023 16:50	2.5	52	19	4.2	0.0
10/07/2023 17:00	2.4	50	18	4.0	0.0
10/07/2023 17:10	2.2	44	15	3.6	0.0
10/07/2023 17:20	2.3	49	22	3.8	0.0
10/07/2023 17:30	2.4	47	21	3.6	0.0
10/07/2023 17:40	2.4	46	20	4.0	0.0
10/07/2023 17:50	1.8	42	20	3.0	0.0
10/07/2023 18:00	1.8	41	19	3.0	0.0
10/07/2023 18:10	1.5	46	18	2.4	0.0
10/07/2023 18:20	1.5	39	20	2.4	0.0
10/07/2023 18:30	1.0	33	17	1.6	0.0
10/07/2023 18:40	1.1	26	15	1.6	0.0
10/07/2023 18:50	1.3	24	18	2.0	0.0
10/07/2023 19:00	1.4	25	19	2.1	0.0
10/07/2023 19:10	1.3	30	20	2.0	0.0
10/07/2023 19:20	1.1	35	22	1.7	0.0
10/07/2023 19:30	1.3	31	17	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 19:40	1.3	41	18	2.2	0.0
10/07/2023 19:50	0.8	44	18	1.5	0.0
10/07/2023 20:00	0.5	61	10	1.1	0.0
10/07/2023 20:10	0.1	48	7	0.6	0.0
10/07/2023 20:20	0.7	26	15	1.2	0.0
10/07/2023 20:30	0.4	119	15	1.0	0.0
10/07/2023 20:40	0.5	253	9	0.9	0.0
10/07/2023 20:50	0.1	342	3	0.7	0.0
10/07/2023 21:00	0.0	351	1	0.4	0.0
10/07/2023 21:10	0.5	345	9	1.0	0.0
10/07/2023 21:20	0.5	353	10	0.9	0.0
10/07/2023 21:30	0.2	355	7	0.6	0.0
10/07/2023 21:40	0.1	338	4	0.6	0.0
10/07/2023 21:50	0.2	285	11	0.8	0.0
10/07/2023 22:00	0.9	334	11	1.4	0.0
10/07/2023 22:10	0.3	188	10	1.0	0.0
10/07/2023 22:20	0.0	189	3	0.5	0.0
10/07/2023 22:30	0.3	340	8	1.1	0.0
10/07/2023 22:40	0.0	350	0	0.4	0.0
10/07/2023 22:50					0.0
10/07/2023 23:00	0.2	348	3	0.7	0.0
10/07/2023 23:10	0.0	293	1	0.4	0.0
10/07/2023 23:20	0.4	327	5	1.0	0.0
10/07/2023 23:30	0.0	360	0	0.4	0.0
10/07/2023 23:40					0.0
10/07/2023 23:50					0.0
11/07/2023 00:00	0.0	1	0	0.4	0.0
11/07/2023 00:10	0.4	177	13	0.8	0.0
11/07/2023 00:20	0.3	348	5	0.8	0.0
11/07/2023 00:30	0.6	178	8	1.0	0.0
11/07/2023 00:40	0.9	343	16	1.4	0.0
11/07/2023 00:50	0.2	349	6	0.9	0.0
11/07/2023 01:00	0.2	350	6	0.8	0.0
11/07/2023 01:10	0.5	175	10	0.8	0.0
11/07/2023 01:20	0.2	71	16	0.8	0.0
11/07/2023 01:30	0.7	181	16	1.2	0.0
11/07/2023 01:40	0.4	317	26	1.2	0.0
11/07/2023 01:50	0.6	6	15	0.9	0.0
11/07/2023 02:00	1.2	188	21	1.9	0.0
11/07/2023 02:10	1.0	190	20	1.6	0.0
11/07/2023 02:20	1.3	46	15	2.1	0.0
11/07/2023 02:30	0.8	41	15	1.6	0.0
11/07/2023 02:40	1.5	37	18	2.8	0.0
11/07/2023 02:50	0.6	162	34	1.6	0.0
11/07/2023 03:00	0.2	133	9	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 03:10	0.3	18	9	0.8	0.0
11/07/2023 03:20	0.0	227	0	0.4	0.0
11/07/2023 03:30	0.6	236	16	1.2	0.0
11/07/2023 03:40	0.8	228	16	1.4	0.0
11/07/2023 03:50	0.6	225	10	1.1	0.0
11/07/2023 04:00	0.0	287	2	0.4	0.0
11/07/2023 04:10	0.0	1	0	0.4	0.0
11/07/2023 04:20	0.3	188	13	0.7	0.0
11/07/2023 04:30	0.6	354	12	1.2	0.0
11/07/2023 04:40	0.4	3	21	1.0	0.0
11/07/2023 04:50	0.2	356	13	0.8	0.0
11/07/2023 05:00	0.1	277	16	0.5	0.0
11/07/2023 05:10	0.4	289	14	0.8	0.0
11/07/2023 05:20	1.1	347	12	1.5	0.0
11/07/2023 05:30	0.9	187	22	1.5	0.0
11/07/2023 05:40	1.0	7	15	1.5	0.0
11/07/2023 05:50	1.0	6	14	1.5	0.0
11/07/2023 06:00	1.0	8	18	1.3	0.0
11/07/2023 06:10	0.9	182	18	1.3	0.0
11/07/2023 06:20	0.8	183	13	1.1	0.0
11/07/2023 06:30	0.9	178	15	1.2	0.0
11/07/2023 06:40	0.8	356	16	1.2	0.0
11/07/2023 06:50	0.8	347	14	1.0	0.0
11/07/2023 07:00	0.7	356	15	1.1	0.0
11/07/2023 07:10	0.7	179	12	1.0	0.0
11/07/2023 07:20	0.8	174	14	1.2	0.0
11/07/2023 07:30	0.6	12	15	0.9	0.0
11/07/2023 07:40	0.6	18	19	1.1	0.0
11/07/2023 07:50	0.8	41	18	1.3	0.0
11/07/2023 08:00	0.8	62	23	1.5	0.0
11/07/2023 08:10	0.6	80	21	1.2	0.0
11/07/2023 08:20	0.8	99	30	1.4	0.0
11/07/2023 08:30	1.3	112	31	2.7	0.0
11/07/2023 08:40	1.6	111	32	2.7	0.0
11/07/2023 08:50	1.5	99	30	2.5	0.0
11/07/2023 09:00	1.4	113	35	2.4	0.0
11/07/2023 09:10	1.6	109	29	2.7	0.0
11/07/2023 09:20	1.7	116	31	2.8	0.0
11/07/2023 09:30	1.8	123	29	2.8	0.0
11/07/2023 09:40	1.8	110	28	3.4	0.0
11/07/2023 09:50	1.9	113	27	3.1	0.0
11/07/2023 10:00	1.8	112	32	2.9	0.0
11/07/2023 10:10	1.8	115	26	2.8	0.0
11/07/2023 10:20	1.9	107	29	3.3	0.0
11/07/2023 10:30	1.7	108	29	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 10:40	2.0	89	27	3.1	0.0
11/07/2023 10:50	2.1	92	29	3.4	0.0
11/07/2023 11:00	2.4	90	24	3.7	0.0
11/07/2023 11:10	2.5	84	23	4.1	0.0
11/07/2023 11:20	2.6	88	25	4.0	0.0
11/07/2023 11:30	2.5	78	26	4.0	0.0
11/07/2023 11:40	2.9	77	21	5.0	0.0
11/07/2023 11:50	2.7	79	23	4.3	0.0
11/07/2023 12:00	2.8	85	24	4.3	0.0
11/07/2023 12:10	2.9	82	28	4.5	0.0
11/07/2023 12:20	3.0	85	20	5.2	0.0
11/07/2023 12:30	2.6	83	26	4.8	0.0
11/07/2023 12:40	2.7	85	26	4.4	0.0
11/07/2023 12:50	2.7	74	26	4.3	0.0
11/07/2023 13:00	2.5	65	28	4.3	0.0
11/07/2023 13:10	2.5	62	25	4.0	0.0
11/07/2023 13:20	2.9	67	24	4.8	0.0
11/07/2023 13:30	2.9	60	20	4.8	0.0
11/07/2023 13:40	2.7	65	24	5.0	0.0
11/07/2023 13:50	2.9	53	20	4.6	0.0
11/07/2023 14:00	2.7	57	25	4.5	0.0
11/07/2023 14:10	2.7	61	22	4.3	0.0
11/07/2023 14:20	2.9	54	26	4.5	0.0
11/07/2023 14:30	3.0	49	21	4.8	0.0
11/07/2023 14:40	2.6	61	22	4.1	0.0
11/07/2023 14:50	2.8	60	23	4.1	0.0
11/07/2023 15:00	2.6	62	20	4.0	0.0
11/07/2023 15:10	2.4	62	20	3.4	0.0
11/07/2023 15:20	2.0	50	22	3.4	0.0
11/07/2023 15:30	2.3	38	21	3.4	0.0
11/07/2023 15:40	2.5	50	21	4.2	0.0
11/07/2023 15:50	2.1	38	20	3.1	0.0
11/07/2023 16:00	2.3	45	25	3.3	0.0
11/07/2023 16:10	1.8	51	19	2.9	0.0
11/07/2023 16:20	1.6	57	24	2.6	0.0
11/07/2023 16:30	2.0	46	19	3.0	0.0
11/07/2023 16:40	1.7	36	20	2.4	0.0
11/07/2023 16:50	1.8	44	18	3.1	0.0
11/07/2023 17:00	1.3	38	17	1.7	0.0
11/07/2023 17:10	1.2	38	23	2.0	0.0
11/07/2023 17:20	1.3	11	34	2.3	0.0
11/07/2023 17:30	1.9	340	17	3.0	0.0
11/07/2023 17:40	1.7	346	25	2.8	0.0
11/07/2023 17:50	2.2	343	17	3.1	0.0
11/07/2023 18:00	2.1	340	23	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 18:10	1.8	343	19	2.6	0.0
11/07/2023 18:20	1.6	348	24	2.3	0.0
11/07/2023 18:30	1.0	193	53	2.0	0.0
11/07/2023 18:40	0.9	186	36	1.9	0.0
11/07/2023 18:50	1.6	342	23	2.4	0.0
11/07/2023 19:00	0.8	164	58	1.8	0.0
11/07/2023 19:10	0.6	114	61	1.4	0.0
11/07/2023 19:20	0.3	238	37	1.3	0.0
11/07/2023 19:30	0.0	149	3	0.4	0.0
11/07/2023 19:40	0.4	223	10	1.2	0.0
11/07/2023 19:50	0.4	238	10	1.2	0.0
11/07/2023 20:00	1.2	239	10	1.7	0.0
11/07/2023 20:10	1.0	246	12	1.6	0.0
11/07/2023 20:20	1.7	251	8	2.0	0.0
11/07/2023 20:30	1.0	267	14	1.5	0.0
11/07/2023 20:40	1.2	255	7	1.6	0.0
11/07/2023 20:50	1.1	258	6	1.5	0.0
11/07/2023 21:00	0.3	352	12	0.8	0.0
11/07/2023 21:10	0.5	308	9	1.2	0.0
11/07/2023 21:20	1.0	260	10	1.2	0.0
11/07/2023 21:30	1.0	265	10	1.3	0.0
11/07/2023 21:40	0.9	280	17	1.2	0.0
11/07/2023 21:50	1.1	302	15	1.5	0.0
11/07/2023 22:00	0.9	254	28	1.4	0.0
11/07/2023 22:10	1.1	269	13	1.6	0.0
11/07/2023 22:20	1.3	258	14	1.7	0.0
11/07/2023 22:30	1.2	252	11	1.9	0.0
11/07/2023 22:40	1.7	252	12	2.2	0.0
11/07/2023 22:50	1.8	249	15	2.7	0.0
11/07/2023 23:00	1.8	252	13	2.4	0.0
11/07/2023 23:10	1.9	257	14	2.5	0.0
11/07/2023 23:20	1.8	253	17	2.7	0.0
11/07/2023 23:30	1.5	255	22	2.4	0.0
11/07/2023 23:40	1.3	252	14	1.6	0.0
11/07/2023 23:50	1.4	244	13	2.0	0.0
12/07/2023 00:00	1.9	252	14	2.7	0.0
12/07/2023 00:10	1.8	262	13	2.6	0.0
12/07/2023 00:20	1.7	272	15	2.4	0.0
12/07/2023 00:30	1.3	301	22	1.8	0.0
12/07/2023 00:40	0.8	289	29	1.2	0.0
12/07/2023 00:50	0.8	349	11	1.4	0.0
12/07/2023 01:00	0.7	353	17	1.3	0.0
12/07/2023 01:10	0.7	13	40	1.2	0.0
12/07/2023 01:20	1.1	350	16	1.5	0.0
12/07/2023 01:30	1.1	335	16	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 01:40	1.0	341	15	1.3	0.0
12/07/2023 01:50	1.1	353	16	1.5	0.0
12/07/2023 02:00	1.0	173	22	1.6	0.0
12/07/2023 02:10	0.7	290	36	1.5	0.0
12/07/2023 02:20	1.5	213	23	2.4	0.0
12/07/2023 02:30	1.6	220	21	2.4	0.0
12/07/2023 02:40	1.1	227	24	1.8	0.0
12/07/2023 02:50	0.8	258	27	1.5	0.0
12/07/2023 03:00	0.8	153	42	1.5	0.0
12/07/2023 03:10	0.9	304	32	2.0	0.0
12/07/2023 03:20	0.8	238	43	1.7	0.0
12/07/2023 03:30	1.1	246	26	2.0	0.0
12/07/2023 03:40	0.6	246	50	1.9	0.0
12/07/2023 03:50	1.0	248	28	1.6	0.0
12/07/2023 04:00	0.5	255	44	1.5	0.0
12/07/2023 04:10	0.3	296	34	0.9	0.0
12/07/2023 04:20	0.3	182	37	1.2	0.0
12/07/2023 04:30	0.6	226	28	1.2	0.0
12/07/2023 04:40	0.6	223	32	1.2	0.0
12/07/2023 04:50	0.8	251	27	1.1	0.0
12/07/2023 05:00	0.5	296	25	0.9	0.0
12/07/2023 05:10	0.8	345	14	1.2	0.0
12/07/2023 05:20	0.6	293	17	1.2	0.0
12/07/2023 05:30	1.4	244	12	1.9	0.0
12/07/2023 05:40	0.5	221	17	1.0	0.0
12/07/2023 05:50	0.2	179	29	0.8	0.0
12/07/2023 06:00	0.2	72	25	0.8	0.0
12/07/2023 06:10	0.3	34	18	0.7	0.0
12/07/2023 06:20	0.2	61	15	1.1	0.0
12/07/2023 06:30	0.2	33	23	0.8	0.0
12/07/2023 06:40	0.2	56	25	0.7	0.0
12/07/2023 06:50	0.4	99	27	1.5	0.0
12/07/2023 07:00	0.3	66	26	0.8	0.0
12/07/2023 07:10	0.3	152	12	0.8	0.0
12/07/2023 07:20	0.4	221	33	1.1	0.0
12/07/2023 07:30	0.0	133	11	0.6	0.0
12/07/2023 07:40	0.6	88	22	1.3	0.0
12/07/2023 07:50	1.0	94	28	1.7	0.0
12/07/2023 08:00	1.2	102	32	2.5	0.0
12/07/2023 08:10	1.3	104	30	2.5	0.0
12/07/2023 08:20	1.1	103	32	1.9	0.0
12/07/2023 08:30	1.3	108	27	2.3	0.0
12/07/2023 08:40	1.5	103	36	2.5	0.0
12/07/2023 08:50	1.4	110	29	2.4	0.0
12/07/2023 09:00	1.6	120	26	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 09:10	1.6	125	34	2.9	0.0
12/07/2023 09:20	1.6	125	31	2.8	0.0
12/07/2023 09:30	1.9	130	27	3.2	0.0
12/07/2023 09:40	2.0	133	29	3.4	0.0
12/07/2023 09:50	2.0	142	26	3.3	0.0
12/07/2023 10:00	1.7	135	34	2.8	0.0
12/07/2023 10:10	1.8	134	30	2.8	0.0
12/07/2023 10:20	1.7	133	30	2.8	0.0
12/07/2023 10:30	1.8	129	34	2.9	0.0
12/07/2023 10:40	1.8	133	32	3.1	0.0
12/07/2023 10:50	2.0	120	32	3.3	0.0
12/07/2023 11:00	2.0	120	31	3.2	0.0
12/07/2023 11:10	2.0	111	29	3.8	0.0
12/07/2023 11:20	2.3	101	25	4.0	0.0
12/07/2023 11:30	2.2	87	27	3.6	0.0
12/07/2023 11:40	2.3	90	27	3.6	0.0
12/07/2023 11:50	2.1	91	28	3.1	0.0
12/07/2023 12:00	1.9	109	32	3.2	0.0
12/07/2023 12:10	1.8	97	32	3.2	0.0
12/07/2023 12:20	1.9	84	26	2.9	0.0
12/07/2023 12:30	2.0	71	28	3.4	0.0
12/07/2023 12:40	2.2	73	24	3.3	0.0
12/07/2023 12:50	2.1	87	30	3.6	0.0
12/07/2023 13:00	2.5	71	24	3.7	0.0
12/07/2023 13:10	2.4	72	26	3.7	0.0
12/07/2023 13:20	2.5	64	22	4.3	0.0
12/07/2023 13:30	2.4	59	24	4.0	0.0
12/07/2023 13:40	2.6	56	22	4.4	0.0
12/07/2023 13:50	2.6	56	22	4.4	0.0
12/07/2023 14:00	2.3	51	23	4.8	0.0
12/07/2023 14:10	2.2	61	24	3.7	0.0
12/07/2023 14:20	2.3	56	25	3.9	0.0
12/07/2023 14:30	2.3	53	26	4.2	0.0
12/07/2023 14:40	2.5	56	24	4.1	0.0
12/07/2023 14:50	2.2	62	27	3.6	0.0
12/07/2023 15:00	2.3	49	24	3.9	0.0
12/07/2023 15:10	2.4	62	20	3.7	0.0
12/07/2023 15:20	2.2	50	23	3.6	0.0
12/07/2023 15:30	2.1	59	25	3.8	0.0
12/07/2023 15:40	2.0	62	22	3.6	0.0
12/07/2023 15:50	2.5	53	25	4.0	0.0
12/07/2023 16:00	2.4	60	23	4.0	0.0
12/07/2023 16:10	2.6	50	20	4.3	0.0
12/07/2023 16:20	2.6	48	21	4.3	0.0
12/07/2023 16:30	2.7	46	19	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 16:40	2.8	50	22	4.4	0.0
12/07/2023 16:50	2.6	48	18	4.3	0.0
12/07/2023 17:00	2.7	48	18	4.1	0.0
12/07/2023 17:10	2.5	48	18	4.3	0.0
12/07/2023 17:20	2.2	46	18	3.2	0.0
12/07/2023 17:30	1.9	48	16	2.8	0.0
12/07/2023 17:40	1.8	39	21	3.2	0.0
12/07/2023 17:50	1.8	44	22	2.8	0.0
12/07/2023 18:00	1.6	41	23	2.3	0.0
12/07/2023 18:10	1.6	36	23	2.5	0.0
12/07/2023 18:20	1.6	39	20	2.4	0.0
12/07/2023 18:30	1.3	38	23	1.8	0.0
12/07/2023 18:40	1.0	44	21	1.5	0.0
12/07/2023 18:50	0.4	67	19	0.9	0.0
12/07/2023 19:00	0.1	114	3	0.5	0.0
12/07/2023 19:10	0.6	57	8	0.8	0.0
12/07/2023 19:20	0.3	34	5	0.6	0.0
12/07/2023 19:30	0.1	73	5	0.4	0.0
12/07/2023 19:40	0.4	28	11	0.9	0.0
12/07/2023 19:50	0.7	17	16	1.0	0.0
12/07/2023 20:00	0.3	33	6	0.7	0.0
12/07/2023 20:10					0.0
12/07/2023 20:20					0.0
12/07/2023 20:30	1.3	248	10	1.8	0.0
12/07/2023 20:40	1.4	246	13	2.4	0.0
12/07/2023 20:50	1.8	237	18	2.8	0.0
12/07/2023 21:00	1.6	231	16	2.1	0.0
12/07/2023 21:10	1.4	241	12	1.9	0.0
12/07/2023 21:20	1.3	246	9	1.6	0.0
12/07/2023 21:30	1.3	252	11	1.8	0.0
12/07/2023 21:40	1.3	254	11	1.7	0.0
12/07/2023 21:50	1.4	253	8	1.9	0.0
12/07/2023 22:00	0.4	123	41	1.0	0.0
12/07/2023 22:10	0.1	349	10	0.6	0.0
12/07/2023 22:20					0.0
12/07/2023 22:30					0.0
12/07/2023 22:40	0.1	360	2	0.4	0.0
12/07/2023 22:50	0.0	349	1	0.4	0.0
12/07/2023 23:00	0.5	341	7	0.9	0.0
12/07/2023 23:10	0.7	348	7	1.0	0.0
12/07/2023 23:20	0.6	349	11	1.1	0.0
12/07/2023 23:30	0.4	178	6	0.8	0.0
12/07/2023 23:40	0.6	353	11	0.8	0.0
12/07/2023 23:50	0.7	188	16	1.0	0.0
13/07/2023 00:00	0.8	15	14	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 00:10	0.8	17	13	1.1	0.0
13/07/2023 00:20	0.8	353	14	1.2	0.0
13/07/2023 00:30	1.0	342	11	1.2	0.0
13/07/2023 00:40	0.8	346	13	1.2	0.0
13/07/2023 00:50	0.6	347	7	0.9	0.0
13/07/2023 01:00	0.8	292	16	1.6	0.0
13/07/2023 01:10	0.6	286	33	1.2	0.0
13/07/2023 01:20	0.7	294	10	1.2	0.0
13/07/2023 01:30	0.2	113	9	0.7	0.0
13/07/2023 01:40	0.7	337	14	1.2	0.0
13/07/2023 01:50	1.0	332	8	1.3	0.0
13/07/2023 02:00	0.6	343	8	1.1	0.0
13/07/2023 02:10	0.7	345	9	1.2	0.0
13/07/2023 02:20	0.6	347	14	1.2	0.0
13/07/2023 02:30	0.6	345	9	1.1	0.0
13/07/2023 02:40	1.1	344	7	1.4	0.0
13/07/2023 02:50	1.0	346	9	1.3	0.0
13/07/2023 03:00	1.2	339	10	1.5	0.0
13/07/2023 03:10	0.9	182	17	1.2	0.0
13/07/2023 03:20	0.9	356	15	1.3	0.0
13/07/2023 03:30	0.9	10	18	1.2	0.0
13/07/2023 03:40	0.9	11	13	1.2	0.0
13/07/2023 03:50	0.9	177	14	1.2	0.0
13/07/2023 04:00	0.9	350	9	1.2	0.0
13/07/2023 04:10	0.9	353	14	1.2	0.0
13/07/2023 04:20	0.9	184	13	1.1	0.0
13/07/2023 04:30	0.8	7	15	1.0	0.0
13/07/2023 04:40	0.7	12	13	0.9	0.0
13/07/2023 04:50	0.6	179	20	1.0	0.0
13/07/2023 05:00	0.8	185	14	1.0	0.0
13/07/2023 05:10	0.5	15	13	0.8	0.0
13/07/2023 05:20	0.9	348	13	1.3	0.0
13/07/2023 05:30	0.3	182	7	0.7	0.0
13/07/2023 05:40	0.2	354	6	0.8	0.0
13/07/2023 05:50	0.8	348	8	1.1	0.0
13/07/2023 06:00	0.7	353	13	1.1	0.0
13/07/2023 06:10	1.0	3	15	1.3	0.0
13/07/2023 06:20	1.0	6	13	1.2	0.0
13/07/2023 06:30	1.0	5	14	1.2	0.0
13/07/2023 06:40	0.9	174	12	1.2	0.0
13/07/2023 06:50	0.8	349	10	1.1	0.0
13/07/2023 07:00	0.8	355	13	1.0	0.0
13/07/2023 07:10	0.8	16	12	1.0	0.0
13/07/2023 07:20	0.5	20	12	0.9	0.0
13/07/2023 07:30	0.1	34	6	0.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 07:40	0.2	37	9	0.6	0.0
13/07/2023 07:50	0.4	46	19	1.0	0.0
13/07/2023 08:00	0.6	64	22	1.2	0.0
13/07/2023 08:10	0.4	88	24	1.2	0.0
13/07/2023 08:20	1.0	102	25	1.9	0.0
13/07/2023 08:30	1.2	96	27	2.0	0.0
13/07/2023 08:40	1.3	96	32	2.0	0.0
13/07/2023 08:50	1.4	109	28	2.4	0.0
13/07/2023 09:00	1.3	106	30	2.3	0.0
13/07/2023 09:10	1.5	115	29	2.6	0.0
13/07/2023 09:20	1.4	109	27	2.4	0.0
13/07/2023 09:30	1.3	123	32	2.0	0.0
13/07/2023 09:40	1.7	100	28	2.8	0.0
13/07/2023 09:50	1.6	118	29	2.8	0.0
13/07/2023 10:00	1.6	114	32	2.6	0.0
13/07/2023 10:10	1.7	102	30	2.9	0.0
13/07/2023 10:20	1.9	100	27	2.8	0.0
13/07/2023 10:30	1.7	119	27	3.1	0.0
13/07/2023 10:40	1.8	98	31	3.1	0.0
13/07/2023 10:50	2.3	104	33	3.6	0.0
13/07/2023 11:00	2.1	97	30	3.5	0.0
13/07/2023 11:10	2.0	111	34	3.2	0.0
13/07/2023 11:20	2.2	99	27	3.9	0.0
13/07/2023 11:30	2.5	84	24	3.9	0.0
13/07/2023 11:40	2.5	92	24	4.3	0.0
13/07/2023 11:50	2.4	80	27	3.9	0.0
13/07/2023 12:00	2.3	69	27	3.5	0.0
13/07/2023 12:10	2.4	65	26	4.6	0.0
13/07/2023 12:20	2.5	62	25	4.4	0.0
13/07/2023 12:30	2.3	55	23	4.1	0.0
13/07/2023 12:40	2.7	64	20	4.3	0.0
13/07/2023 12:50	2.8	62	23	4.5	0.0
13/07/2023 13:00	2.9	64	22	4.3	0.0
13/07/2023 13:10	2.6	68	26	4.4	0.0
13/07/2023 13:20	2.8	63	23	4.2	0.0
13/07/2023 13:30	2.7	56	24	4.4	0.0
13/07/2023 13:40	3.0	52	22	4.7	0.0
13/07/2023 13:50	3.2	55	23	5.1	0.0
13/07/2023 14:00	3.4	51	21	5.2	0.0
13/07/2023 14:10	3.2	50	17	5.2	0.0
13/07/2023 14:20	3.1	56	21	5.2	0.0
13/07/2023 14:30	3.0	55	22	4.5	0.0
13/07/2023 14:40	2.6	57	24	4.3	0.0
13/07/2023 14:50	2.8	52	22	4.9	0.0
13/07/2023 15:00	2.7	54	24	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 15:10	2.7	52	20	4.5	0.0
13/07/2023 15:20	2.7	58	23	4.4	0.0
13/07/2023 15:30	3.0	58	20	4.4	0.0
13/07/2023 15:40	3.0	48	22	5.2	0.0
13/07/2023 15:50	3.6	46	20	5.9	0.0
13/07/2023 16:00	3.1	50	19	5.0	0.0
13/07/2023 16:10	2.8	44	23	4.7	0.0
13/07/2023 16:20	2.6	51	19	4.0	0.0
13/07/2023 16:30	2.3	47	19	3.4	0.0
13/07/2023 16:40	2.1	48	19	3.5	0.0
13/07/2023 16:50	1.9	41	20	3.1	0.0
13/07/2023 17:00	1.9	36	22	3.3	0.0
13/07/2023 17:10	2.2	24	24	3.3	0.0
13/07/2023 17:20	1.8	31	23	2.8	0.0
13/07/2023 17:30	1.7	31	22	2.6	0.0
13/07/2023 17:40	1.7	25	24	3.2	0.0
13/07/2023 17:50	1.6	178	28	2.7	0.0
13/07/2023 18:00	1.9	356	23	3.0	0.0
13/07/2023 18:10	1.9	354	24	2.9	0.0
13/07/2023 18:20	2.0	351	23	2.9	0.0
13/07/2023 18:30	2.5	348	20	3.6	0.0
13/07/2023 18:40	2.0	352	21	2.9	0.0
13/07/2023 18:50	1.7	358	27	2.8	0.0
13/07/2023 19:00	1.9	181	26	3.1	0.0
13/07/2023 19:10	2.3	15	25	3.6	0.0
13/07/2023 19:20	2.0	175	23	3.2	0.0
13/07/2023 19:30	2.2	343	16	3.2	0.0
13/07/2023 19:40	1.8	348	22	3.0	0.0
13/07/2023 19:50	1.4	181	49	2.3	0.0
13/07/2023 20:00	0.6	129	44	1.2	0.0
13/07/2023 20:10	0.5	173	52	1.1	0.0
13/07/2023 20:20	0.5	193	33	1.2	0.0
13/07/2023 20:30	0.1	81	13	0.6	0.0
13/07/2023 20:40	0.6	224	21	1.4	0.0
13/07/2023 20:50	1.0	232	18	1.6	0.0
13/07/2023 21:00	1.4	246	12	1.9	0.0
13/07/2023 21:10	1.2	259	38	1.9	0.0
13/07/2023 21:20	0.8	261	13	1.4	0.0
13/07/2023 21:30	1.2	259	9	1.5	0.0
13/07/2023 21:40	1.1	277	17	1.5	0.0
13/07/2023 21:50	1.2	276	16	1.7	0.0
13/07/2023 22:00	1.4	255	12	1.8	0.0
13/07/2023 22:10	1.5	250	12	2.0	0.0
13/07/2023 22:20	1.5	256	11	2.1	0.0
13/07/2023 22:30	1.6	263	12	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 22:40	1.7	263	12	2.1	0.0
13/07/2023 22:50	1.5	267	11	2.2	0.0
13/07/2023 23:00	1.7	271	15	2.3	0.0
13/07/2023 23:10	1.9	264	14	2.6	0.0
13/07/2023 23:20	2.0	262	14	2.8	0.0
13/07/2023 23:30	2.0	258	14	2.8	0.0
13/07/2023 23:40	1.7	264	14	2.3	0.0
13/07/2023 23:50	2.0	266	15	2.8	0.0
14/07/2023 00:00	2.2	263	12	3.0	0.0
14/07/2023 00:10	2.1	269	20	3.2	0.0
14/07/2023 00:20	2.0	267	19	3.3	0.0
14/07/2023 00:30	1.8	268	21	3.1	0.0
14/07/2023 00:40	2.0	273	18	2.9	0.0
14/07/2023 00:50	1.9	286	21	2.8	0.0
14/07/2023 01:00	1.9	285	22	2.9	0.0
14/07/2023 01:10	1.9	282	25	2.6	0.0
14/07/2023 01:20	1.8	267	19	2.7	0.0
14/07/2023 01:30	2.0	266	15	2.7	0.0
14/07/2023 01:40	2.1	267	14	2.7	0.0
14/07/2023 01:50	1.7	268	16	2.3	0.0
14/07/2023 02:00	1.8	264	16	2.4	0.0
14/07/2023 02:10	1.9	265	17	2.8	0.0
14/07/2023 02:20	1.7	271	18	2.5	0.0
14/07/2023 02:30	1.7	263	16	2.4	0.0
14/07/2023 02:40	1.6	264	15	2.4	0.0
14/07/2023 02:50	1.8	266	14	2.4	0.0
14/07/2023 03:00	2.0	270	17	2.5	0.0
14/07/2023 03:10	2.0	265	16	2.8	0.0
14/07/2023 03:20	2.0	277	20	3.1	0.0
14/07/2023 03:30	2.0	271	14	2.7	0.0
14/07/2023 03:40	1.8	271	16	2.5	0.0
14/07/2023 03:50	1.8	272	18	2.8	0.0
14/07/2023 04:00	1.4	277	18	2.1	0.0
14/07/2023 04:10	1.6	280	17	2.4	0.0
14/07/2023 04:20	1.7	268	17	2.4	0.0
14/07/2023 04:30	1.6	262	17	2.4	0.0
14/07/2023 04:40	1.4	265	17	2.0	0.0
14/07/2023 04:50	1.3	277	18	1.9	0.0
14/07/2023 05:00	1.0	313	17	1.3	0.0
14/07/2023 05:10	1.1	320	13	1.5	0.0
14/07/2023 05:20	1.0	333	10	1.3	0.0
14/07/2023 05:30	1.1	327	19	1.6	0.0
14/07/2023 05:40	0.6	346	17	1.1	0.0
14/07/2023 05:50	0.8	346	11	1.2	0.0
14/07/2023 06:00	0.1	251	4	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 06:10	0.5	295	10	0.9	0.0
14/07/2023 06:20	0.9	348	14	1.4	0.0
14/07/2023 06:30	0.6	352	11	1.0	0.0
14/07/2023 06:40	0.8	344	11	1.0	0.0
14/07/2023 06:50	0.9	348	12	1.2	0.0
14/07/2023 07:00	0.9	175	14	1.2	0.0
14/07/2023 07:10	0.7	12	20	1.2	0.0
14/07/2023 07:20	0.8	356	16	1.2	0.0
14/07/2023 07:30	0.7	18	16	1.1	0.0
14/07/2023 07:40	0.4	23	14	0.9	0.0
14/07/2023 07:50	0.3	94	18	1.1	0.0
14/07/2023 08:00	0.5	101	23	1.2	0.0
14/07/2023 08:10	0.5	60	20	1.1	0.0
14/07/2023 08:20	0.9	64	22	1.6	0.0
14/07/2023 08:30	0.8	71	28	1.5	0.0
14/07/2023 08:40	0.7	72	28	1.4	0.0
14/07/2023 08:50	0.8	107	27	1.3	0.0
14/07/2023 09:00	1.0	122	26	1.6	0.0
14/07/2023 09:10	1.1	110	28	1.8	0.0
14/07/2023 09:20	0.8	93	32	1.6	0.0
14/07/2023 09:30	1.1	102	25	1.8	0.0
14/07/2023 09:40	1.1	132	30	2.0	0.0
14/07/2023 09:50	1.2	122	28	2.0	0.0
14/07/2023 10:00	1.4	101	25	2.4	0.0
14/07/2023 10:10	1.4	103	28	2.3	0.0
14/07/2023 10:20	1.4	111	32	2.3	0.0
14/07/2023 10:30	1.3	113	29	2.0	0.0
14/07/2023 10:40	1.4	110	32	2.4	0.0
14/07/2023 10:50	1.4	131	30	2.1	0.0
14/07/2023 11:00	1.4	128	30	2.1	0.0
14/07/2023 11:10	1.7	140	31	2.6	0.0
14/07/2023 11:20	1.5	154	38	2.5	0.0
14/07/2023 11:30	1.0	107	52	1.8	0.0
14/07/2023 11:40	1.2	107	37	2.0	0.0
14/07/2023 11:50	1.5	76	30	2.4	0.0
14/07/2023 12:00	1.3	77	34	2.0	0.0
14/07/2023 12:10	1.1	119	37	1.7	0.0
14/07/2023 12:20	1.5	100	30	2.6	0.0
14/07/2023 12:30	1.4	101	33	2.8	0.0
14/07/2023 12:40	1.5	83	31	2.9	0.0
14/07/2023 12:50	1.5	74	33	2.3	0.0
14/07/2023 13:00	1.8	46	22	2.9	0.0
14/07/2023 13:10	2.1	45	21	3.0	0.0
14/07/2023 13:20	1.8	57	22	3.1	0.0
14/07/2023 13:30	1.7	56	26	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 13:40	1.8	58	24	2.8	0.0
14/07/2023 13:50	1.9	52	23	3.1	0.0
14/07/2023 14:00	1.8	57	22	2.8	0.0
14/07/2023 14:10	1.8	57	20	3.0	0.0
14/07/2023 14:20	1.7	65	21	2.7	0.0
14/07/2023 14:30	1.7	58	25	2.6	0.0
14/07/2023 14:40	1.6	347	33	2.6	0.0
14/07/2023 14:50	2.1	333	35	3.6	0.0
14/07/2023 15:00	2.2	335	24	3.6	0.0
14/07/2023 15:10	2.3	337	24	3.6	0.0
14/07/2023 15:20	3.3	329	20	4.7	0.0
14/07/2023 15:30	3.4	324	19	5.1	0.0
14/07/2023 15:40	3.2	334	21	4.6	0.0
14/07/2023 15:50	3.2	332	20	5.1	0.0
14/07/2023 16:00	2.7	324	22	4.4	0.0
14/07/2023 16:10	2.0	298	39	3.2	0.0
14/07/2023 16:20	2.4	297	41	3.8	0.0
14/07/2023 16:30	2.1	294	40	4.0	0.0
14/07/2023 16:40	2.4	273	31	4.4	0.0
14/07/2023 16:50	2.2	268	20	3.4	0.0
14/07/2023 17:00	2.0	278	32	3.2	0.0
14/07/2023 17:10	1.8	292	41	3.5	0.0
14/07/2023 17:20	1.4	292	49	2.6	0.0
14/07/2023 17:30	1.3	265	43	2.4	0.0
14/07/2023 17:40	1.5	287	39	2.7	0.0
14/07/2023 17:50	2.0	311	30	3.2	0.0
14/07/2023 18:00	2.1	324	25	3.2	0.0
14/07/2023 18:10	1.6	326	31	2.6	0.0
14/07/2023 18:20	1.5	337	29	2.5	0.0
14/07/2023 18:30	1.1	338	38	2.1	0.0
14/07/2023 18:40	1.5	174	27	2.6	0.0
14/07/2023 18:50	1.8	339	26	3.0	0.0
14/07/2023 19:00	2.0	176	21	2.8	0.0
14/07/2023 19:10	1.5	9	25	2.1	0.0
14/07/2023 19:20	1.5	176	29	3.0	0.0
14/07/2023 19:30	1.7	309	28	2.7	0.0
14/07/2023 19:40	1.5	273	29	2.7	0.0
14/07/2023 19:50	2.1	317	26	3.9	0.0
14/07/2023 20:00	2.2	325	24	3.8	0.0
14/07/2023 20:10	2.1	336	21	3.2	0.0
14/07/2023 20:20	2.0	327	21	3.3	0.0
14/07/2023 20:30	1.9	317	15	2.8	0.0
14/07/2023 20:40	1.6	315	15	2.4	0.0
14/07/2023 20:50	1.1	298	22	1.7	0.0
14/07/2023 21:00	1.5	305	34	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 21:10	1.4	249	15	1.8	0.0
14/07/2023 21:20	0.3	290	25	0.9	0.0
14/07/2023 21:30	1.1	241	12	1.4	0.0
14/07/2023 21:40	0.6	256	28	1.0	0.0
14/07/2023 21:50	0.9	256	17	1.3	0.0
14/07/2023 22:00	0.3	265	20	1.2	0.0
14/07/2023 22:10	0.7	257	22	1.0	0.0
14/07/2023 22:20	1.0	238	19	1.6	0.0
14/07/2023 22:30	1.2	234	21	2.0	0.0
14/07/2023 22:40	1.5	234	21	2.3	0.0
14/07/2023 22:50	1.6	225	20	2.4	0.0
14/07/2023 23:00	2.2	215	23	3.6	0.0
14/07/2023 23:10	2.6	200	19	3.8	0.0
14/07/2023 23:20	2.7	194	16	4.2	0.0
14/07/2023 23:30	2.7	191	18	4.5	0.0
14/07/2023 23:40	3.0	190	16	4.4	0.0
14/07/2023 23:50	3.0	192	15	4.3	0.0
15/07/2023 00:00	3.0	191	15	4.7	0.0
15/07/2023 00:10	3.0	191	15	4.5	0.0
15/07/2023 00:20	3.3	189	13	5.1	0.0
15/07/2023 00:30	3.0	187	18	4.7	0.0
15/07/2023 00:40	2.4	189	20	3.6	0.0
15/07/2023 00:50	2.4	190	18	3.9	0.0
15/07/2023 01:00	2.2	189	19	3.8	0.0
15/07/2023 01:10	2.4	192	18	3.4	0.0
15/07/2023 01:20	1.9	195	19	2.7	0.0
15/07/2023 01:30	1.8	185	23	3.3	0.0
15/07/2023 01:40	1.5	182	32	2.8	0.0
15/07/2023 01:50	1.9	180	29	3.2	0.0
15/07/2023 02:00	1.2	165	37	2.2	0.0
15/07/2023 02:10	0.6	130	40	1.2	0.0
15/07/2023 02:20	0.6	138	35	1.4	0.0
15/07/2023 02:30	0.9	133	38	1.8	0.0
15/07/2023 02:40	1.3	126	34	3.0	0.0
15/07/2023 02:50	1.0	125	30	1.8	0.0
15/07/2023 03:00	0.9	90	29	1.6	0.0
15/07/2023 03:10	0.8	63	31	1.4	0.0
15/07/2023 03:20	0.5	71	24	1.0	0.0
15/07/2023 03:30	0.6	55	21	1.0	0.0
15/07/2023 03:40	0.6	63	18	1.1	0.0
15/07/2023 03:50	0.7	72	19	1.2	0.0
15/07/2023 04:00	0.9	71	21	1.4	0.0
15/07/2023 04:10	0.9	73	31	1.3	0.0
15/07/2023 04:20	1.0	73	23	1.6	0.0
15/07/2023 04:30	1.4	77	22	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 04:40	1.2	57	22	2.0	0.0
15/07/2023 04:50	1.5	58	24	2.3	0.0
15/07/2023 05:00	1.9	64	28	3.7	0.0
15/07/2023 05:10	2.4	81	24	4.9	0.0
15/07/2023 05:20	2.0	85	26	3.3	0.0
15/07/2023 05:30	1.9	82	24	3.5	0.0
15/07/2023 05:40	2.1	81	21	3.2	0.0
15/07/2023 05:50	1.6	87	23	2.6	0.0
15/07/2023 06:00	1.9	90	34	3.3	0.0
15/07/2023 06:10	1.9	88	24	3.3	0.0
15/07/2023 06:20	1.7	93	29	3.0	0.0
15/07/2023 06:30	1.5	99	29	3.2	0.0
15/07/2023 06:40	1.8	94	30	3.6	0.0
15/07/2023 06:50	1.8	90	29	3.3	0.0
15/07/2023 07:00	1.7	86	31	3.2	0.0
15/07/2023 07:10	2.1	91	29	3.6	0.0
15/07/2023 07:20	2.1	91	26	4.2	0.0
15/07/2023 07:30	1.9	93	34	3.5	0.0
15/07/2023 07:40	2.4	93	29	4.0	0.0
15/07/2023 07:50	2.6	94	31	4.8	0.0
15/07/2023 08:00	2.8	98	32	5.2	0.0
15/07/2023 08:10	3.3	98	30	5.9	0.0
15/07/2023 08:20	3.3	92	28	5.0	0.0
15/07/2023 08:30	3.2	93	29	5.7	0.0
15/07/2023 08:40	3.2	95	27	5.0	0.0
15/07/2023 08:50	2.8	95	26	5.2	0.0
15/07/2023 09:00	3.0	99	28	4.8	0.0
15/07/2023 09:10	3.1	95	30	5.5	0.0
15/07/2023 09:20	3.3	100	30	6.4	0.0
15/07/2023 09:30	3.2	97	33	5.6	0.0
15/07/2023 09:40	3.9	95	30	6.7	0.0
15/07/2023 09:50	3.6	99	30	6.3	0.0
15/07/2023 10:00	3.3	99	32	5.6	0.0
15/07/2023 10:10	3.1	99	29	5.6	0.0
15/07/2023 10:20	3.7	98	29	6.1	0.0
15/07/2023 10:30	3.4	94	28	5.9	0.0
15/07/2023 10:40	3.1	101	28	4.8	0.0
15/07/2023 10:50	3.4	96	30	6.2	0.0
15/07/2023 11:00	3.4	95	28	6.0	0.0
15/07/2023 11:10	3.5	91	28	5.3	0.0
15/07/2023 11:20	3.9	92	28	6.4	0.0
15/07/2023 11:30	3.6	102	32	5.6	0.0
15/07/2023 11:40	3.6	101	32	5.5	0.0
15/07/2023 11:50	3.7	85	24	6.0	0.0
15/07/2023 12:00	3.4	92	26	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 12:10	3.4	82	27	5.4	0.0
15/07/2023 12:20	3.5	82	21	5.3	0.0
15/07/2023 12:30	3.2	72	25	4.8	0.0
15/07/2023 12:40	3.5	83	22	6.0	0.0
15/07/2023 12:50	2.9	74	25	4.7	0.0
15/07/2023 13:00	3.0	70	25	4.8	0.0
15/07/2023 13:10	3.2	68	24	5.5	0.0
15/07/2023 13:20	3.2	64	23	5.7	0.0
15/07/2023 13:30	3.3	63	26	5.0	0.0
15/07/2023 13:40	3.2	65	24	5.3	0.0
15/07/2023 13:50	3.6	57	22	5.8	0.0
15/07/2023 14:00	3.5	59	24	5.5	0.0
15/07/2023 14:10	3.3	61	23	5.8	0.0
15/07/2023 14:20	3.4	62	20	5.8	0.0
15/07/2023 14:30	3.2	62	24	5.5	0.0
15/07/2023 14:40	3.4	57	21	5.7	0.0
15/07/2023 14:50	3.1	62	19	4.8	0.0
15/07/2023 15:00	3.1	61	27	5.6	0.0
15/07/2023 15:10	3.2	60	21	5.2	0.0
15/07/2023 15:20	3.1	55	23	4.8	0.0
15/07/2023 15:30	2.7	58	23	4.4	0.0
15/07/2023 15:40	2.8	60	23	5.1	0.0
15/07/2023 15:50	3.1	56	21	4.9	0.0
15/07/2023 16:00	2.8	54	23	4.8	0.0
15/07/2023 16:10	3.1	57	21	5.3	0.0
15/07/2023 16:20	2.6	57	23	4.5	0.0
15/07/2023 16:30	2.5	57	24	4.4	0.0
15/07/2023 16:40	2.7	56	21	4.7	0.0
15/07/2023 16:50	2.6	48	20	4.7	0.0
15/07/2023 17:00	2.6	48	18	4.0	0.0
15/07/2023 17:10	2.3	47	20	3.6	0.0
15/07/2023 17:20	2.2	48	19	3.5	0.0
15/07/2023 17:30	2.3	49	19	3.6	0.0
15/07/2023 17:40	2.3	48	20	3.6	0.0
15/07/2023 17:50	2.0	45	21	3.3	0.0
15/07/2023 18:00	1.9	46	19	3.0	0.0
15/07/2023 18:10	1.8	46	19	2.8	0.0
15/07/2023 18:20	1.9	45	19	2.9	0.0
15/07/2023 18:30	2.2	48	18	3.6	0.0
15/07/2023 18:40	2.1	41	16	3.1	0.0
15/07/2023 18:50	2.0	37	20	2.8	0.0
15/07/2023 19:00	2.0	32	19	2.7	0.0
15/07/2023 19:10	1.8	35	22	2.8	0.0
15/07/2023 19:20	1.5	35	16	2.1	0.0
15/07/2023 19:30	1.5	27	19	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 19:40	1.5	25	17	2.1	0.0
15/07/2023 19:50	1.6	25	19	2.4	0.0
15/07/2023 20:00	1.5	25	18	2.2	0.0
15/07/2023 20:10	1.4	24	19	2.0	0.0
15/07/2023 20:20	1.4	23	18	2.1	0.0
15/07/2023 20:30	1.2	35	18	1.7	0.0
15/07/2023 20:40	1.1	42	14	1.7	0.0
15/07/2023 20:50	1.2	41	19	2.0	0.0
15/07/2023 21:00	1.0	39	19	1.6	0.0
15/07/2023 21:10	1.4	39	17	2.1	0.0
15/07/2023 21:20	1.6	44	15	2.4	0.0
15/07/2023 21:30	1.7	47	18	2.6	0.0
15/07/2023 21:40	1.9	47	17	2.8	0.0
15/07/2023 21:50	1.8	46	18	2.8	0.0
15/07/2023 22:00	1.7	51	18	2.8	0.0
15/07/2023 22:10	1.2	51	22	2.4	0.0
15/07/2023 22:20	1.1	68	25	1.6	0.0
15/07/2023 22:30	1.4	67	23	2.3	0.0
15/07/2023 22:40	1.7	79	19	2.8	0.0
15/07/2023 22:50	1.8	80	23	3.0	0.0
15/07/2023 23:00	2.1	88	24	3.6	0.0
15/07/2023 23:10	2.4	93	23	4.4	0.0
15/07/2023 23:20	2.2	88	29	4.4	0.0
15/07/2023 23:30	2.4	92	25	4.1	0.0
15/07/2023 23:40	2.2	97	29	4.2	0.0
15/07/2023 23:50	2.2	103	34	4.3	0.0
16/07/2023 00:00	2.3	102	32	4.2	0.0
16/07/2023 00:10	2.6	104	30	4.3	0.0
16/07/2023 00:20	2.6	100	31	4.3	0.0
16/07/2023 00:30	2.8	107	30	5.0	0.0
16/07/2023 00:40	3.1	104	30	5.4	0.0
16/07/2023 00:50	3.3	105	31	5.6	0.0
16/07/2023 01:00	3.0	104	31	6.0	0.0
16/07/2023 01:10	3.2	109	36	5.5	0.0
16/07/2023 01:20	3.3	106	28	5.8	0.0
16/07/2023 01:30	2.8	108	34	5.2	0.0
16/07/2023 01:40	3.0	104	34	4.5	0.0
16/07/2023 01:50	2.8	102	33	5.3	0.0
16/07/2023 02:00	3.0	105	33	5.4	0.0
16/07/2023 02:10	3.0	109	33	5.5	0.0
16/07/2023 02:20	2.8	110	33	4.7	0.0
16/07/2023 02:30	3.3	111	31	5.7	0.0
16/07/2023 02:40	3.2	108	28	5.2	0.0
16/07/2023 02:50	3.2	105	31	6.4	0.0
16/07/2023 03:00	3.1	111	31	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 03:10	3.2	111	29	5.8	0.0
16/07/2023 03:20	2.9	103	29	5.2	0.0
16/07/2023 03:30	3.0	109	32	5.1	0.0
16/07/2023 03:40	3.0	108	32	5.1	0.0
16/07/2023 03:50	3.3	108	32	5.6	0.0
16/07/2023 04:00	3.1	106	33	5.4	0.0
16/07/2023 04:10	2.8	108	33	5.6	0.0
16/07/2023 04:20	2.8	110	30	5.5	0.0
16/07/2023 04:30	3.2	111	29	5.2	0.0
16/07/2023 04:40	2.8	109	33	4.7	0.0
16/07/2023 04:50	2.8	111	35	5.7	0.0
16/07/2023 05:00	2.9	110	30	4.6	0.0
16/07/2023 05:10	2.8	107	35	4.9	0.0
16/07/2023 05:20	2.6	101	37	4.8	0.0
16/07/2023 05:30	2.5	106	34	4.8	0.0
16/07/2023 05:40	2.5	111	33	4.4	0.0
16/07/2023 05:50	2.8	110	32	4.8	0.0
16/07/2023 06:00	2.9	115	30	5.2	0.0
16/07/2023 06:10	3.0	109	32	5.3	0.0
16/07/2023 06:20	2.6	106	34	5.1	0.0
16/07/2023 06:30	2.7	113	30	4.7	0.0
16/07/2023 06:40	3.1	105	28	4.8	0.0
16/07/2023 06:50	2.8	109	34	4.8	0.0
16/07/2023 07:00	2.6	113	31	4.7	0.0
16/07/2023 07:10	2.8	107	29	4.5	0.0
16/07/2023 07:20	2.9	104	31	4.9	0.0
16/07/2023 07:30	2.9	109	35	4.8	0.0
16/07/2023 07:40	3.0	112	32	4.8	0.0
16/07/2023 07:50	3.0	112	35	5.0	0.0
16/07/2023 08:00	3.0	108	33	5.2	0.0
16/07/2023 08:10	3.1	110	30	4.8	0.0
16/07/2023 08:20	3.1	104	31	5.2	0.0
16/07/2023 08:30	3.4	109	27	5.6	0.0
16/07/2023 08:40	3.3	114	34	5.2	0.0
16/07/2023 08:50	3.1	106	32	4.9	0.0
16/07/2023 09:00	3.0	109	32	5.0	0.0
16/07/2023 09:10	3.1	109	30	5.0	0.0
16/07/2023 09:20	2.8	104	35	5.2	0.0
16/07/2023 09:30	3.2	100	29	5.2	0.0
16/07/2023 09:40	3.4	102	32	5.2	0.0
16/07/2023 09:50	3.1	95	33	4.7	0.0
16/07/2023 10:00	3.2	100	33	5.3	0.0
16/07/2023 10:10	3.1	99	33	5.3	0.0
16/07/2023 10:20	3.0	101	31	4.8	0.0
16/07/2023 10:30	3.0	97	28	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 10:40	3.4	103	27	5.2	0.0
16/07/2023 10:50	2.9	93	31	5.3	0.0
16/07/2023 11:00	2.8	94	30	5.4	0.0
16/07/2023 11:10	3.5	92	26	5.6	0.0
16/07/2023 11:20	3.1	93	29	5.7	0.0
16/07/2023 11:30	3.5	92	27	5.3	0.0
16/07/2023 11:40	2.7	80	26	4.7	0.0
16/07/2023 11:50	3.0	79	22	4.5	0.0
16/07/2023 12:00	3.2	80	20	4.6	0.0
16/07/2023 12:10	2.9	75	23	4.9	0.0
16/07/2023 12:20	3.2	80	20	4.7	0.0
16/07/2023 12:30	2.8	81	22	4.9	0.0
16/07/2023 12:40	2.4	76	28	4.0	0.0
16/07/2023 12:50	2.4	74	26	4.4	0.0
16/07/2023 13:00	2.9	67	20	4.5	0.0
16/07/2023 13:10	2.4	62	23	4.2	0.0
16/07/2023 13:20	2.7	61	28	4.3	0.0
16/07/2023 13:30	2.6	65	22	3.8	0.0
16/07/2023 13:40	2.6	61	22	4.5	0.0
16/07/2023 13:50	2.6	56	20	4.1	0.0
16/07/2023 14:00	2.6	64	25	3.9	0.0
16/07/2023 14:10	2.4	60	25	3.6	0.0
16/07/2023 14:20	2.2	57	27	3.5	0.0
16/07/2023 14:30	2.3	61	22	3.9	0.0
16/07/2023 14:40	2.5	56	25	3.7	0.0
16/07/2023 14:50	2.4	47	25	3.8	0.0
16/07/2023 15:00	2.5	52	23	4.0	0.0
16/07/2023 15:10	2.5	49	26	3.8	0.0
16/07/2023 15:20	2.5	45	19	3.8	0.0
16/07/2023 15:30	2.3	53	20	3.8	0.0
16/07/2023 15:40	2.3	54	20	3.6	0.0
16/07/2023 15:50	2.2	50	23	3.5	0.0
16/07/2023 16:00	2.1	60	20	3.6	0.0
16/07/2023 16:10	1.6	50	22	2.6	0.0
16/07/2023 16:20	1.9	53	20	2.9	0.0
16/07/2023 16:30	1.7	57	20	2.8	0.0
16/07/2023 16:40	1.6	48	21	2.6	0.0
16/07/2023 16:50	1.5	43	18	2.2	0.0
16/07/2023 17:00	1.7	50	14	2.4	0.0
16/07/2023 17:10	1.3	42	16	1.6	0.0
16/07/2023 17:20	1.3	37	13	1.8	0.0
16/07/2023 17:30	1.3	30	16	1.8	0.0
16/07/2023 17:40	1.4	27	18	2.0	0.0
16/07/2023 17:50	1.3	24	15	2.0	0.0
16/07/2023 18:00	1.2	18	19	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 18:10	1.2	18	13	1.6	0.0
16/07/2023 18:20	0.9	5	20	1.3	0.0
16/07/2023 18:30	0.9	182	15	1.2	0.0
16/07/2023 18:40	0.8	23	40	1.1	0.0
16/07/2023 18:50	0.6	256	16	1.1	0.0
16/07/2023 19:00	0.1	304	5	0.6	0.0
16/07/2023 19:10	1.2	272	16	2.0	0.0
16/07/2023 19:20	1.2	287	33	2.1	0.0
16/07/2023 19:30	1.4	277	13	2.0	0.0
16/07/2023 19:40	1.1	268	22	1.5	0.0
16/07/2023 19:50	1.0	318	29	1.6	0.0
16/07/2023 20:00	1.0	188	27	1.5	0.0
16/07/2023 20:10	0.7	307	42	1.3	0.0
16/07/2023 20:20	0.8	296	14	1.4	0.0
16/07/2023 20:30	0.8	330	21	1.3	0.0
16/07/2023 20:40	0.6	161	11	1.2	0.0
16/07/2023 20:50	0.8	293	16	1.2	0.0
16/07/2023 21:00	0.6	261	33	0.9	0.0
16/07/2023 21:10	0.4	244	8	1.1	0.0
16/07/2023 21:20	1.6	234	21	2.7	0.0
16/07/2023 21:30	2.1	251	18	3.6	0.0
16/07/2023 21:40	1.5	274	21	2.3	0.0
16/07/2023 21:50	0.9	273	27	1.5	0.0
16/07/2023 22:00	1.2	245	28	2.2	0.0
16/07/2023 22:10	2.0	269	18	2.9	0.0
16/07/2023 22:20	2.0	265	18	2.9	0.0
16/07/2023 22:30	1.8	269	15	2.5	0.0
16/07/2023 22:40	1.9	267	15	2.6	0.0
16/07/2023 22:50	1.8	269	14	2.4	0.0
16/07/2023 23:00	1.8	264	17	2.7	0.0
16/07/2023 23:10	1.8	270	18	2.6	0.0
16/07/2023 23:20	1.5	291	20	2.3	0.0
16/07/2023 23:30	1.6	270	17	2.3	0.0
16/07/2023 23:40	1.8	256	15	2.4	0.0
16/07/2023 23:50	1.9	254	13	2.4	0.0
17/07/2023 00:00	1.9	263	13	2.8	0.0
17/07/2023 00:10	1.4	249	20	2.4	0.0
17/07/2023 00:20	1.0	235	19	1.7	0.0
17/07/2023 00:30	1.0	237	19	1.6	0.0
17/07/2023 00:40	1.0	175	24	2.0	0.0
17/07/2023 00:50	1.0	185	28	1.7	0.0
17/07/2023 01:00	0.8	198	40	1.7	0.0
17/07/2023 01:10	0.6	147	43	1.4	0.0
17/07/2023 01:20	0.2	161	33	0.6	0.0
17/07/2023 01:30	0.2	29	15	0.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 01:40	0.2	21	21	0.8	0.0
17/07/2023 01:50	0.5	22	30	0.8	0.0
17/07/2023 02:00	0.3	22	19	0.8	0.0
17/07/2023 02:10	0.8	30	21	1.4	0.0
17/07/2023 02:20	0.9	187	20	1.3	0.0
17/07/2023 02:30	0.9	353	17	1.4	0.0
17/07/2023 02:40	0.8	176	20	1.2	0.0
17/07/2023 02:50	0.3	185	10	0.7	0.0
17/07/2023 03:00	0.7	179	23	1.2	0.0
17/07/2023 03:10	0.8	16	19	1.2	0.0
17/07/2023 03:20	0.4	11	21	0.9	0.0
17/07/2023 03:30	0.2	193	19	0.6	0.0
17/07/2023 03:40	0.6	27	28	1.0	0.0
17/07/2023 03:50	0.6	25	27	1.1	0.0
17/07/2023 04:00	0.7	24	20	1.2	0.0
17/07/2023 04:10	0.6	17	17	0.8	0.0
17/07/2023 04:20	0.6	15	18	1.1	0.0
17/07/2023 04:30	0.2	179	9	0.6	0.0
17/07/2023 04:40	0.1	45	10	0.6	0.0
17/07/2023 04:50	0.1	347	12	0.6	0.0
17/07/2023 05:00	0.3	29	19	0.9	0.0
17/07/2023 05:10	0.3	29	20	0.8	0.0
17/07/2023 05:20	0.1	33	5	0.5	0.0
17/07/2023 05:30	0.0	23	9	0.4	0.0
17/07/2023 05:40	0.1	14	16	0.6	0.0
17/07/2023 05:50	0.1	180	14	0.5	0.0
17/07/2023 06:00	0.1	355	25	0.7	0.0
17/07/2023 06:10	0.1	169	15	0.7	0.0
17/07/2023 06:20	0.0	351	7	0.4	0.0
17/07/2023 06:30	0.0	62	4	0.5	0.0
17/07/2023 06:40	0.0	30	6	0.4	0.0
17/07/2023 06:50	0.0	47	0	0.4	0.0
17/07/2023 07:00	0.1	108	30	0.6	0.0
17/07/2023 07:10	0.5	37	30	1.3	0.0
17/07/2023 07:20	0.4	46	22	1.0	0.0
17/07/2023 07:30	0.3	45	21	0.7	0.0
17/07/2023 07:40	0.4	56	17	1.0	0.0
17/07/2023 07:50	0.4	76	15	0.9	0.0
17/07/2023 08:00	0.5	102	21	1.3	0.0
17/07/2023 08:10	0.9	100	27	1.3	0.0
17/07/2023 08:20	1.1	100	27	1.9	0.0
17/07/2023 08:30	1.2	110	27	2.0	0.0
17/07/2023 08:40	1.4	122	25	2.0	0.0
17/07/2023 08:50	1.3	107	27	2.4	0.0
17/07/2023 09:00	1.3	120	32	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 09:10	1.4	102	27	2.3	0.0
17/07/2023 09:20	1.4	117	31	2.4	0.0
17/07/2023 09:30	1.6	94	26	2.6	0.0
17/07/2023 09:40	1.7	109	30	2.8	0.0
17/07/2023 09:50	1.5	103	30	3.2	0.0
17/07/2023 10:00	1.5	111	30	2.5	0.0
17/07/2023 10:10	1.5	126	27	2.8	0.0
17/07/2023 10:20	1.7	104	29	2.8	0.0
17/07/2023 10:30	1.7	123	33	2.7	0.0
17/07/2023 10:40	1.5	122	33	2.2	0.0
17/07/2023 10:50	1.5	120	29	2.8	0.0
17/07/2023 11:00	1.7	121	28	2.7	0.0
17/07/2023 11:10	1.5	105	36	2.7	0.0
17/07/2023 11:20	1.7	89	30	2.8	0.0
17/07/2023 11:30	1.8	93	32	3.4	0.0
17/07/2023 11:40	2.0	87	27	3.2	0.0
17/07/2023 11:50	2.1	90	31	3.2	0.0
17/07/2023 12:00	1.6	79	35	2.9	0.0
17/07/2023 12:10	2.2	58	24	3.6	0.0
17/07/2023 12:20	2.3	58	24	3.2	0.0
17/07/2023 12:30	2.0	56	23	3.1	0.0
17/07/2023 12:40	2.1	56	25	3.3	0.0
17/07/2023 12:50	2.2	60	28	3.3	0.0
17/07/2023 13:00	2.0	63	28	3.4	0.0
17/07/2023 13:10	1.8	67	23	3.0	0.0
17/07/2023 13:20	1.9	71	26	3.1	0.0
17/07/2023 13:30	1.7	68	26	2.7	0.0
17/07/2023 13:40	1.8	61	23	2.7	0.0
17/07/2023 13:50	1.7	53	24	3.3	0.0
17/07/2023 14:00	2.0	48	26	3.2	0.0
17/07/2023 14:10	1.8	53	25	3.1	0.0
17/07/2023 14:20	2.0	45	24	3.3	0.0
17/07/2023 14:30	1.8	68	27	2.8	0.0
17/07/2023 14:40	1.9	56	29	3.0	0.0
17/07/2023 14:50	1.8	58	27	3.3	0.0
17/07/2023 15:00	1.6	60	23	2.8	0.0
17/07/2023 15:10	1.4	44	30	2.4	0.0
17/07/2023 15:20	1.5	50	25	2.3	0.0
17/07/2023 15:30	1.1	52	43	1.9	0.0
17/07/2023 15:40	0.8	43	42	1.3	0.0
17/07/2023 15:50	1.2	303	56	2.4	0.0
17/07/2023 16:00	1.7	330	25	2.4	0.0
17/07/2023 16:10	1.2	322	31	2.4	0.0
17/07/2023 16:20	1.7	345	23	3.1	0.0
17/07/2023 16:30	1.8	333	20	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 16:40	1.3	345	31	2.4	0.0
17/07/2023 16:50	1.7	324	28	2.8	0.0
17/07/2023 17:00	1.7	301	28	2.8	0.0
17/07/2023 17:10	1.9	325	26	3.2	0.0
17/07/2023 17:20	1.6	278	30	2.6	0.0
17/07/2023 17:30	1.4	262	21	2.1	0.0
17/07/2023 17:40	1.9	254	14	2.6	0.0
17/07/2023 17:50	1.7	263	16	2.4	0.0
17/07/2023 18:00	1.3	257	20	2.3	0.0
17/07/2023 18:10	2.7	256	13	4.0	0.0
17/07/2023 18:20	2.4	257	16	3.2	0.0
17/07/2023 18:30	2.4	254	13	3.2	0.0
17/07/2023 18:40	2.3	265	20	3.6	0.0
17/07/2023 18:50	2.6	252	16	3.6	0.0
17/07/2023 19:00	2.7	256	17	4.5	0.0
17/07/2023 19:10	1.8	262	16	2.9	0.0
17/07/2023 19:20	1.8	268	18	3.0	0.0
17/07/2023 19:30	1.7	270	16	2.4	0.0
17/07/2023 19:40	1.7	271	15	2.4	0.0
17/07/2023 19:50	1.6	263	16	2.4	0.0
17/07/2023 20:00	1.4	269	16	2.3	0.0
17/07/2023 20:10	1.7	273	17	2.8	0.0
17/07/2023 20:20	1.7	263	15	2.8	0.0
17/07/2023 20:30	2.0	253	14	2.9	0.0
17/07/2023 20:40	2.4	260	15	3.2	0.0
17/07/2023 20:50	2.2	255	13	3.1	0.0
17/07/2023 21:00	1.7	254	14	2.4	0.0
17/07/2023 21:10	2.3	259	13	3.3	0.0
17/07/2023 21:20	2.3	255	12	3.3	0.0
17/07/2023 21:30	1.9	257	14	2.8	0.0
17/07/2023 21:40	2.3	262	13	3.2	0.0
17/07/2023 21:50	2.7	263	13	3.5	0.0
17/07/2023 22:00	2.6	262	13	3.5	0.0
17/07/2023 22:10	2.4	266	12	3.4	0.0
17/07/2023 22:20	2.8	263	12	3.7	0.0
17/07/2023 22:30	2.8	265	13	3.7	0.0
17/07/2023 22:40	2.6	265	11	3.4	0.0
17/07/2023 22:50	2.2	267	15	3.6	0.0
17/07/2023 23:00	2.2	263	16	3.6	0.0
17/07/2023 23:10	1.6	274	18	2.5	0.0
17/07/2023 23:20	1.6	280	21	2.4	0.0
17/07/2023 23:30	1.4	278	18	2.0	0.0
17/07/2023 23:40	1.6	260	19	2.6	0.0
17/07/2023 23:50	1.7	255	16	2.8	0.0
18/07/2023 00:00	1.4	246	20	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 00:10	1.0	219	38	2.2	0.0
18/07/2023 00:20	0.3	80	10	0.8	0.0
18/07/2023 00:30	0.7	249	25	1.7	0.0
18/07/2023 00:40	0.7	252	25	1.7	0.0
18/07/2023 00:50	1.7	260	14	2.6	0.0
18/07/2023 01:00	1.9	255	14	2.7	0.0
18/07/2023 01:10	2.1	258	17	3.0	0.0
18/07/2023 01:20	0.9	213	29	2.0	0.0
18/07/2023 01:30	0.9	215	26	1.4	0.0
18/07/2023 01:40	1.1	234	29	2.3	0.0
18/07/2023 01:50	1.4	239	26	2.8	0.0
18/07/2023 02:00	1.8	238	21	2.7	0.0
18/07/2023 02:10	2.0	258	20	3.0	0.0
18/07/2023 02:20	1.9	278	17	2.8	0.0
18/07/2023 02:30	2.1	266	17	3.2	0.0
18/07/2023 02:40	1.9	284	22	2.8	0.0
18/07/2023 02:50	1.4	277	27	2.0	0.0
18/07/2023 03:00	0.2	91	25	0.8	0.0
18/07/2023 03:10	0.9	292	25	1.5	0.0
18/07/2023 03:20	1.3	292	15	1.8	0.0
18/07/2023 03:30	0.4	233	37	1.2	0.0
18/07/2023 03:40	0.8	291	16	2.0	0.0
18/07/2023 03:50	0.6	312	23	1.3	0.0
18/07/2023 04:00	0.9	270	30	1.7	0.0
18/07/2023 04:10	0.5	233	19	1.1	0.0
18/07/2023 04:20	0.2	1	26	0.8	0.0
18/07/2023 04:30	0.5	94	46	1.6	0.0
18/07/2023 04:40	1.5	299	16	2.4	0.0
18/07/2023 04:50	0.7	290	14	1.4	0.0
18/07/2023 05:00	1.1	339	13	1.6	0.0
18/07/2023 05:10	1.3	344	14	1.9	0.0
18/07/2023 05:20	1.2	330	9	2.0	0.0
18/07/2023 05:30	1.3	191	25	2.1	0.0
18/07/2023 05:40	1.1	353	16	1.4	0.0
18/07/2023 05:50	1.2	352	15	1.6	0.0
18/07/2023 06:00	1.2	345	14	1.5	0.0
18/07/2023 06:10	1.2	346	12	1.6	0.0
18/07/2023 06:20	1.2	345	14	1.6	0.0
18/07/2023 06:30	1.3	353	15	1.7	0.0
18/07/2023 06:40	1.2	180	17	1.7	0.0
18/07/2023 06:50	1.2	5	15	1.5	0.0
18/07/2023 07:00	1.2	180	16	1.6	0.0
18/07/2023 07:10	1.3	177	16	1.9	0.0
18/07/2023 07:20	0.6	33	18	1.4	0.0
18/07/2023 07:30	0.6	24	18	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 07:40	0.6	26	20	1.2	0.0
18/07/2023 07:50	0.7	53	29	1.6	0.0
18/07/2023 08:00	0.4	76	15	0.8	0.0
18/07/2023 08:10	0.8	68	18	1.2	0.0
18/07/2023 08:20	0.7	78	19	1.1	0.0
18/07/2023 08:30	0.8	78	20	1.6	0.0
18/07/2023 08:40	0.8	76	19	1.3	0.0
18/07/2023 08:50	1.1	69	23	1.6	0.0
18/07/2023 09:00	1.0	62	26	1.6	0.0
18/07/2023 09:10	1.1	59	25	1.8	0.0
18/07/2023 09:20	1.3	41	30	2.1	0.0
18/07/2023 09:30	1.1	62	30	1.5	0.0
18/07/2023 09:40	1.5	66	29	3.1	0.0
18/07/2023 09:50	1.6	80	36	2.8	0.0
18/07/2023 10:00	1.7	87	31	2.7	0.0
18/07/2023 10:10	1.7	77	24	2.6	0.0
18/07/2023 10:20	1.6	98	32	2.6	0.0
18/07/2023 10:30	1.7	94	31	2.4	0.0
18/07/2023 10:40	1.5	86	28	2.4	0.0
18/07/2023 10:50	1.8	96	25	2.9	0.0
18/07/2023 11:00	1.9	90	31	3.5	0.0
18/07/2023 11:10	1.7	90	27	2.7	0.0
18/07/2023 11:20	1.8	102	30	2.6	0.0
18/07/2023 11:30	2.0	105	30	3.3	0.0
18/07/2023 11:40	2.0	92	23	3.5	0.0
18/07/2023 11:50	2.0	79	26	3.2	0.0
18/07/2023 12:00	2.0	84	27	2.9	0.0
18/07/2023 12:10	1.8	79	30	2.8	0.0
18/07/2023 12:20	1.6	88	32	2.5	0.0
18/07/2023 12:30	1.8	71	27	3.0	0.0
18/07/2023 12:40	2.0	52	27	3.3	0.0
18/07/2023 12:50	1.9	52	23	3.3	0.0
18/07/2023 13:00	1.9	53	28	3.2	0.0
18/07/2023 13:10	2.0	56	26	3.2	0.0
18/07/2023 13:20	2.1	60	23	3.3	0.0
18/07/2023 13:30	2.0	54	23	3.2	0.0
18/07/2023 13:40	1.8	54	23	2.6	0.0
18/07/2023 13:50	1.5	52	27	2.4	0.0
18/07/2023 14:00	1.6	48	28	2.5	0.0
18/07/2023 14:10	1.4	51	32	2.0	0.0
18/07/2023 14:20	1.2	65	32	1.8	0.0
18/07/2023 14:30	0.9	69	44	1.6	0.0
18/07/2023 14:40	1.2	45	45	2.1	0.0
18/07/2023 14:50	1.7	319	36	2.9	0.0
18/07/2023 15:00	1.5	303	40	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 15:10	1.6	297	32	2.5	0.0
18/07/2023 15:20	1.5	301	40	2.5	0.0
18/07/2023 15:30	1.6	313	33	2.8	0.0
18/07/2023 15:40	1.5	309	36	2.6	0.0
18/07/2023 15:50	1.6	291	37	2.6	0.0
18/07/2023 16:00	1.6	304	45	2.8	0.0
18/07/2023 16:10	1.6	293	36	2.8	0.0
18/07/2023 16:20	1.3	295	40	2.3	0.0
18/07/2023 16:30	1.5	300	38	2.9	0.0
18/07/2023 16:40	1.7	314	35	3.1	0.0
18/07/2023 16:50	1.6	306	35	3.5	0.0
18/07/2023 17:00	1.4	294	37	2.4	0.0
18/07/2023 17:10	1.0	280	27	1.7	0.0
18/07/2023 17:20	1.0	272	29	1.5	0.0
18/07/2023 17:30	1.1	281	36	1.9	0.0
18/07/2023 17:40	1.2	285	36	2.4	0.0
18/07/2023 17:50	1.2	281	31	1.6	0.0
18/07/2023 18:00	1.4	305	31	2.3	0.0
18/07/2023 18:10	1.7	315	22	2.5	0.0
18/07/2023 18:20	1.6	304	25	2.7	0.0
18/07/2023 18:30	1.9	317	26	2.8	0.0
18/07/2023 18:40	1.4	301	25	2.1	0.0
18/07/2023 18:50	1.3	297	26	2.3	0.0
18/07/2023 19:00	1.5	269	17	2.1	0.0
18/07/2023 19:10	1.5	264	16	2.2	0.0
18/07/2023 19:20	1.3	265	14	1.9	0.0
18/07/2023 19:30	1.4	275	15	2.0	0.0
18/07/2023 19:40	1.5	278	16	2.0	0.0
18/07/2023 19:50	1.6	257	10	2.0	0.0
18/07/2023 20:00	1.5	261	14	2.3	0.0
18/07/2023 20:10	1.2	278	18	2.0	0.0
18/07/2023 20:20	1.8	268	15	2.4	0.0
18/07/2023 20:30	2.0	260	12	2.8	0.0
18/07/2023 20:40	2.0	268	15	2.8	0.0
18/07/2023 20:50	2.1	266	16	3.4	0.0
18/07/2023 21:00	2.3	264	16	3.3	0.0
18/07/2023 21:10	2.5	265	16	3.6	0.0
18/07/2023 21:20	2.5	264	17	3.7	0.0
18/07/2023 21:30	2.3	260	14	3.4	0.0
18/07/2023 21:40	1.8	258	12	2.4	0.0
18/07/2023 21:50	2.0	261	13	2.5	0.0
18/07/2023 22:00	2.1	268	16	2.9	0.0
18/07/2023 22:10	2.3	268	16	3.1	0.0
18/07/2023 22:20	2.2	265	15	2.8	0.0
18/07/2023 22:30	2.3	266	14	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 22:40	2.6	266	13	3.6	0.0
18/07/2023 22:50	2.2	263	16	3.2	0.0
18/07/2023 23:00	2.2	264	14	3.0	0.0
18/07/2023 23:10	1.7	258	14	2.5	0.0
18/07/2023 23:20	1.9	261	14	2.5	0.0
18/07/2023 23:30	2.0	269	18	2.9	0.0
18/07/2023 23:40	2.1	266	16	3.1	0.0
18/07/2023 23:50	1.9	258	15	3.1	0.0
19/07/2023 00:00	1.7	260	13	2.4	0.0
19/07/2023 00:10	2.0	268	17	2.9	0.0
19/07/2023 00:20	2.0	277	18	2.8	0.0
19/07/2023 00:30	2.3	283	17	3.5	0.0
19/07/2023 00:40	2.0	280	16	3.6	0.0
19/07/2023 00:50	1.8	276	17	2.7	0.0
19/07/2023 01:00	1.3	274	22	2.2	0.0
19/07/2023 01:10	0.5	265	17	1.2	0.0
19/07/2023 01:20	0.8	259	24	1.7	0.0
19/07/2023 01:30	1.0	268	13	1.6	0.0
19/07/2023 01:40	1.2	267	20	1.7	0.0
19/07/2023 01:50	1.2	266	19	1.8	0.0
19/07/2023 02:00	0.5	360	69	1.7	0.0
19/07/2023 02:10	0.5	277	24	1.7	0.0
19/07/2023 02:20	1.1	282	25	1.8	0.0
19/07/2023 02:30	0.9	256	32	1.6	0.0
19/07/2023 02:40	0.4	285	26	0.9	0.0
19/07/2023 02:50	0.3	280	30	1.2	0.0
19/07/2023 03:00	0.1	344	6	0.7	0.0
19/07/2023 03:10	1.4	331	10	1.6	0.0
19/07/2023 03:20	1.0	343	14	1.6	0.0
19/07/2023 03:30	0.4	348	14	0.9	0.0
19/07/2023 03:40	1.1	324	11	1.6	0.0
19/07/2023 03:50	0.6	170	16	0.9	0.0
19/07/2023 04:00	1.1	329	8	1.9	0.0
19/07/2023 04:10	1.0	352	14	1.4	0.0
19/07/2023 04:20	0.8	355	15	1.3	0.0
19/07/2023 04:30	1.1	350	13	1.5	0.0
19/07/2023 04:40	1.1	180	17	1.4	0.0
19/07/2023 04:50	1.1	351	16	1.5	0.0
19/07/2023 05:00	0.9	4	16	1.3	0.0
19/07/2023 05:10	1.1	173	19	1.5	0.0
19/07/2023 05:20	1.1	345	22	1.7	0.0
19/07/2023 05:30	0.9	180	20	1.4	0.0
19/07/2023 05:40	1.0	352	15	1.3	0.0
19/07/2023 05:50	0.9	355	17	1.4	0.0
19/07/2023 06:00	1.1	337	13	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 06:10	1.0	181	23	1.4	0.0
19/07/2023 06:20	0.8	355	12	1.2	0.0
19/07/2023 06:30	1.0	346	11	1.4	0.0
19/07/2023 06:40	1.4	325	12	1.7	0.0
19/07/2023 06:50	1.3	347	10	1.6	0.0
19/07/2023 07:00	0.8	319	38	1.5	0.0
19/07/2023 07:10	0.6	275	21	1.2	0.0
19/07/2023 07:20	1.0	312	16	1.5	0.0
19/07/2023 07:30	0.4	166	21	0.8	0.0
19/07/2023 07:40	0.7	178	9	1.0	0.0
19/07/2023 07:50	0.1	16	2	0.4	0.0
19/07/2023 08:00	0.6	338	6	1.1	0.0
19/07/2023 08:10	0.5	180	9	1.0	0.0
19/07/2023 08:20					0.0
19/07/2023 08:30	0.0	316	1	0.4	0.0
19/07/2023 08:40	0.1	179	12	0.7	0.0
19/07/2023 08:50	0.2	223	16	0.8	0.0
19/07/2023 09:00	0.6	205	21	1.3	0.0
19/07/2023 09:10	0.2	287	24	0.8	0.0
19/07/2023 09:20	1.1	204	29	2.0	0.0
19/07/2023 09:30	1.2	251	33	2.0	0.0
19/07/2023 09:40	1.2	268	34	1.9	0.0
19/07/2023 09:50	1.2	290	35	2.2	0.0
19/07/2023 10:00	1.2	260	42	2.2	0.0
19/07/2023 10:10	1.0	212	55	1.9	0.0
19/07/2023 10:20	1.2	227	40	2.5	0.0
19/07/2023 10:30	1.2	248	37	2.3	0.0
19/07/2023 10:40	1.4	241	38	2.1	0.0
19/07/2023 10:50	1.3	259	28	2.2	0.0
19/07/2023 11:00	1.1	268	41	2.2	0.0
19/07/2023 11:10	1.7	254	26	3.2	0.0
19/07/2023 11:20	1.9	259	29	3.1	0.0
19/07/2023 11:30	1.9	259	25	3.2	0.0
19/07/2023 11:40	1.7	250	29	2.7	0.0
19/07/2023 11:50	1.9	254	23	3.1	0.0
19/07/2023 12:00	2.0	259	31	3.5	0.0
19/07/2023 12:10	1.8	263	28	3.0	0.0
19/07/2023 12:20	2.0	258	22	3.0	0.0
19/07/2023 12:30	2.6	255	25	4.0	0.0
19/07/2023 12:40	2.5	255	18	3.6	0.0
19/07/2023 12:50	2.2	259	18	3.4	0.0
19/07/2023 13:00	2.2	265	23	3.3	0.0
19/07/2023 13:10	2.3	258	24	3.4	0.0
19/07/2023 13:20	2.7	253	20	4.0	0.0
19/07/2023 13:30	3.0	251	18	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 13:40	2.6	254	20	3.7	0.0
19/07/2023 13:50	2.8	248	16	4.0	0.0
19/07/2023 14:00	2.9	244	14	4.0	0.0
19/07/2023 14:10	3.0	250	21	4.4	0.0
19/07/2023 14:20	2.9	249	17	4.2	0.0
19/07/2023 14:30	2.8	251	19	4.2	0.0
19/07/2023 14:40	2.9	256	20	4.3	0.0
19/07/2023 14:50	2.6	303	39	4.0	0.0
19/07/2023 15:00	2.9	251	18	4.1	0.0
19/07/2023 15:10	3.1	253	19	4.3	0.0
19/07/2023 15:20	3.7	246	17	6.0	0.0
19/07/2023 15:30	3.5	239	19	5.0	0.0
19/07/2023 15:40	3.5	244	18	5.0	0.0
19/07/2023 15:50	3.3	244	17	4.7	0.0
19/07/2023 16:00	3.7	242	13	5.4	0.0
19/07/2023 16:10	3.7	246	18	5.5	0.0
19/07/2023 16:20	3.4	238	16	5.1	0.0
19/07/2023 16:30	3.1	245	16	5.2	0.0
19/07/2023 16:40	3.1	246	19	4.6	0.0
19/07/2023 16:50	3.2	249	15	4.8	0.0
19/07/2023 17:00	2.7	245	16	4.6	0.0
19/07/2023 17:10	2.8	238	18	4.0	0.0
19/07/2023 17:20	2.6	240	16	4.0	0.0
19/07/2023 17:30	2.5	240	21	3.7	0.0
19/07/2023 17:40	3.3	240	19	5.1	0.0
19/07/2023 17:50	3.2	249	19	4.7	0.0
19/07/2023 18:00	3.2	255	14	4.9	0.0
19/07/2023 18:10	3.1	254	17	4.5	0.0
19/07/2023 18:20	2.9	256	18	4.2	0.0
19/07/2023 18:30	2.3	258	18	3.2	0.0
19/07/2023 18:40	3.0	255	15	4.4	0.0
19/07/2023 18:50	3.3	261	13	4.7	0.0
19/07/2023 19:00	3.0	263	15	4.4	0.0
19/07/2023 19:10	3.0	261	15	4.4	0.0
19/07/2023 19:20	2.8	262	14	3.6	0.0
19/07/2023 19:30	2.8	265	14	3.7	0.0
19/07/2023 19:40	2.7	264	16	4.4	0.0
19/07/2023 19:50	3.2	255	14	4.4	0.0
19/07/2023 20:00	3.2	258	16	4.6	0.0
19/07/2023 20:10	2.7	250	18	4.0	0.0
19/07/2023 20:20	1.9	238	19	3.1	0.0
19/07/2023 20:30	2.2	252	16	3.3	0.0
19/07/2023 20:40	2.7	252	18	4.3	0.0
19/07/2023 20:50	2.7	248	17	4.3	0.0
19/07/2023 21:00	2.6	251	16	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 21:10	2.9	259	16	4.7	0.0
19/07/2023 21:20	3.1	257	16	4.3	0.0
19/07/2023 21:30	3.1	257	14	4.5	0.0
19/07/2023 21:40	2.8	254	20	4.0	0.0
19/07/2023 21:50	2.7	253	16	4.3	0.0
19/07/2023 22:00	2.9	257	16	4.2	0.0
19/07/2023 22:10	3.0	262	17	4.4	0.0
19/07/2023 22:20	2.8	261	18	4.4	0.0
19/07/2023 22:30	2.9	261	15	4.4	0.0
19/07/2023 22:40	2.9	260	15	4.1	0.0
19/07/2023 22:50	2.9	259	14	4.0	0.0
19/07/2023 23:00	2.7	262	16	3.8	0.0
19/07/2023 23:10	2.8	264	14	4.0	0.0
19/07/2023 23:20	3.0	262	14	4.2	0.0
19/07/2023 23:30	2.9	263	16	4.0	0.0
19/07/2023 23:40	2.8	261	16	4.0	0.0
19/07/2023 23:50	2.8	256	16	4.0	0.0
20/07/2023 00:00	2.8	258	16	3.9	0.0
20/07/2023 00:10	2.7	264	15	3.9	0.0
20/07/2023 00:20	2.7	260	14	3.8	0.0
20/07/2023 00:30	2.6	262	15	4.0	0.0
20/07/2023 00:40	2.5	259	14	3.4	0.0
20/07/2023 00:50	2.0	268	17	3.1	0.0
20/07/2023 01:00	1.8	277	19	2.8	0.0
20/07/2023 01:10	2.1	262	14	3.0	0.0
20/07/2023 01:20	1.9	268	16	2.8	0.0
20/07/2023 01:30	1.7	258	15	2.4	0.0
20/07/2023 01:40	2.3	255	15	3.2	0.0
20/07/2023 01:50	1.9	245	14	3.1	0.0
20/07/2023 02:00	2.0	240	15	2.4	0.0
20/07/2023 02:10	1.8	242	13	2.4	0.0
20/07/2023 02:20	2.2	241	13	3.2	0.0
20/07/2023 02:30	1.9	227	19	2.8	0.0
20/07/2023 02:40	1.6	218	16	2.7	0.0
20/07/2023 02:50	1.6	204	20	2.4	0.0
20/07/2023 03:00	1.3	265	38	2.2	0.0
20/07/2023 03:10	0.8	278	30	1.7	0.0
20/07/2023 03:20	1.2	259	33	2.6	0.0
20/07/2023 03:30	0.9	203	67	2.3	0.0
20/07/2023 03:40	0.7	307	40	2.0	0.0
20/07/2023 03:50	1.1	296	45	2.5	0.0
20/07/2023 04:00	1.0	241	47	2.4	0.0
20/07/2023 04:10	0.8	232	42	1.9	0.0
20/07/2023 04:20	0.6	174	25	1.3	0.0
20/07/2023 04:30	0.9	305	46	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 04:40	1.4	272	57	2.6	0.0
20/07/2023 04:50	1.0	176	57	2.2	0.0
20/07/2023 05:00	1.3	218	26	2.8	0.0
20/07/2023 05:10	1.1	197	33	2.4	0.0
20/07/2023 05:20	1.4	166	34	3.1	0.0
20/07/2023 05:30	1.3	119	30	2.2	0.0
20/07/2023 05:40	0.5	68	23	1.2	0.0
20/07/2023 05:50	0.7	48	25	1.4	0.0
20/07/2023 06:00	0.2	44	11	0.6	0.0
20/07/2023 06:10	0.1	51	8	0.7	0.0
20/07/2023 06:20	0.3	197	10	0.7	0.0
20/07/2023 06:30	0.1	20	9	0.5	0.0
20/07/2023 06:40					0.0
20/07/2023 06:50	0.4	10	12	0.9	0.0
20/07/2023 07:00	0.2	48	14	0.6	0.0
20/07/2023 07:10	0.3	40	19	0.8	0.0
20/07/2023 07:20	0.2	38	20	0.7	0.0
20/07/2023 07:30	0.1	39	9	0.6	0.0
20/07/2023 07:40	0.6	78	17	1.1	0.0
20/07/2023 07:50	0.7	83	17	1.3	0.0
20/07/2023 08:00	0.7	99	30	1.4	0.0
20/07/2023 08:10	1.0	102	26	1.7	0.0
20/07/2023 08:20	1.1	111	24	2.0	0.0
20/07/2023 08:30	1.2	112	29	2.0	0.0
20/07/2023 08:40	1.3	113	29	2.0	0.0
20/07/2023 08:50	1.3	117	29	2.3	0.0
20/07/2023 09:00	1.5	111	31	2.8	0.0
20/07/2023 09:10	1.9	103	29	3.2	0.0
20/07/2023 09:20	1.8	104	27	3.1	0.0
20/07/2023 09:30	2.0	95	29	3.5	0.0
20/07/2023 09:40	2.0	91	28	3.4	0.0
20/07/2023 09:50	2.1	88	26	3.2	0.0
20/07/2023 10:00	2.2	87	27	3.9	0.0
20/07/2023 10:10	2.7	88	23	4.5	0.0
20/07/2023 10:20	2.6	78	24	4.2	0.0
20/07/2023 10:30	2.3	82	25	3.7	0.0
20/07/2023 10:40	2.5	79	22	4.0	0.0
20/07/2023 10:50	2.6	81	25	4.4	0.0
20/07/2023 11:00	2.7	93	30	4.2	0.0
20/07/2023 11:10	2.7	76	27	4.2	0.0
20/07/2023 11:20	2.7	80	23	4.1	0.0
20/07/2023 11:30	2.6	91	28	4.4	0.0
20/07/2023 11:40	2.3	78	28	3.7	0.0
20/07/2023 11:50	2.4	72	23	3.9	0.0
20/07/2023 12:00	2.4	64	26	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 12:10	2.4	66	23	4.4	0.0
20/07/2023 12:20	2.4	71	26	4.0	0.0
20/07/2023 12:30	2.4	62	24	4.3	0.0
20/07/2023 12:40	2.5	69	24	4.2	0.0
20/07/2023 12:50	2.7	66	24	4.1	0.0
20/07/2023 13:00	2.4	64	25	4.0	0.0
20/07/2023 13:10	2.7	56	19	4.6	0.0
20/07/2023 13:20	2.9	66	23	4.9	0.0
20/07/2023 13:30	2.6	64	22	3.8	0.0
20/07/2023 13:40	2.7	64	23	4.4	0.0
20/07/2023 13:50	2.5	65	25	3.9	0.0
20/07/2023 14:00	2.5	61	24	4.4	0.0
20/07/2023 14:10	2.6	58	26	3.9	0.0
20/07/2023 14:20	2.9	52	24	4.4	0.0
20/07/2023 14:30	2.8	55	22	4.4	0.0
20/07/2023 14:40	2.7	52	20	4.9	0.0
20/07/2023 14:50	2.5	60	24	4.3	0.0
20/07/2023 15:00	2.5	52	22	4.0	0.0
20/07/2023 15:10	2.5	50	23	4.0	0.0
20/07/2023 15:20	2.4	55	21	4.4	0.0
20/07/2023 15:30	2.4	55	24	3.6	0.0
20/07/2023 15:40	2.8	52	20	4.5	0.0
20/07/2023 15:50	2.5	51	22	4.0	0.0
20/07/2023 16:00	2.8	45	19	4.3	0.0
20/07/2023 16:10	2.9	49	21	4.1	0.0
20/07/2023 16:20	2.6	52	20	3.8	0.0
20/07/2023 16:30	2.4	57	23	3.6	0.0
20/07/2023 16:40	2.1	59	22	3.5	0.0
20/07/2023 16:50	2.0	55	18	3.2	0.0
20/07/2023 17:00	1.7	51	21	2.8	0.0
20/07/2023 17:10	1.8	42	20	2.8	0.0
20/07/2023 17:20	1.5	43	19	2.2	0.0
20/07/2023 17:30	1.6	35	19	2.4	0.0
20/07/2023 17:40	1.6	41	18	2.4	0.0
20/07/2023 17:50	1.7	28	17	2.4	0.0
20/07/2023 18:00	1.9	29	16	3.0	0.0
20/07/2023 18:10	1.8	25	17	2.5	0.0
20/07/2023 18:20	1.6	20	17	2.3	0.0
20/07/2023 18:30	1.6	23	17	2.2	0.0
20/07/2023 18:40	1.6	21	16	2.2	0.0
20/07/2023 18:50	1.8	18	17	2.5	0.0
20/07/2023 19:00	1.7	12	15	2.8	0.0
20/07/2023 19:10	1.4	182	19	2.0	0.0
20/07/2023 19:20	2.4	275	30	4.4	0.0
20/07/2023 19:30	1.5	222	42	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 19:40	2.8	259	15	4.4	0.0
20/07/2023 19:50	2.6	253	12	3.7	0.0
20/07/2023 20:00	2.1	249	14	3.0	0.0
20/07/2023 20:10	2.2	251	16	3.2	0.0
20/07/2023 20:20	2.1	247	15	2.9	0.0
20/07/2023 20:30	2.4	251	15	3.7	0.0
20/07/2023 20:40	2.7	261	14	3.6	0.0
20/07/2023 20:50	2.3	247	15	3.6	0.0
20/07/2023 21:00	2.3	248	17	3.2	0.0
20/07/2023 21:10	2.5	252	16	3.7	0.0
20/07/2023 21:20	2.3	253	13	3.4	0.0
20/07/2023 21:30	2.4	258	14	3.6	0.0
20/07/2023 21:40	2.2	259	14	3.3	0.0
20/07/2023 21:50	2.3	255	15	3.6	0.0
20/07/2023 22:00	2.2	260	15	3.4	0.0
20/07/2023 22:10	2.3	260	12	3.2	0.0
20/07/2023 22:20	2.1	262	16	3.2	0.0
20/07/2023 22:30	2.2	255	16	3.3	0.0
20/07/2023 22:40	2.2	255	19	3.4	0.0
20/07/2023 22:50	2.4	259	15	3.6	0.0
20/07/2023 23:00	2.4	258	16	3.6	0.0
20/07/2023 23:10	2.0	263	17	2.9	0.0
20/07/2023 23:20	1.7	256	20	2.8	0.0
20/07/2023 23:30	2.3	230	16	3.2	0.0
20/07/2023 23:40	1.7	250	31	2.8	0.0
20/07/2023 23:50	1.6	264	31	2.7	0.0
21/07/2023 00:00	0.4	185	27	1.5	0.0
21/07/2023 00:10					0.0
21/07/2023 00:20	0.2	219	4	1.1	0.0
21/07/2023 00:30	0.4	203	20	1.1	0.0
21/07/2023 00:40	0.6	229	13	1.3	0.0
21/07/2023 00:50	0.3	168	20	1.1	0.0
21/07/2023 01:00	0.3	196	26	1.0	0.0
21/07/2023 01:10	0.5	207	26	1.5	0.0
21/07/2023 01:20	0.4	141	14	0.9	0.0
21/07/2023 01:30	0.0	284	8	0.4	0.0
21/07/2023 01:40	0.2	238	10	0.8	0.0
21/07/2023 01:50	0.2	221	9	0.9	0.0
21/07/2023 02:00	0.0	327	0	0.4	0.0
21/07/2023 02:10	0.1	75	24	0.6	0.0
21/07/2023 02:20	0.1	159	6	0.7	0.0
21/07/2023 02:30	0.3	132	24	1.1	0.0
21/07/2023 02:40	0.2	133	28	0.7	0.0
21/07/2023 02:50	0.1	81	7	0.6	0.0
21/07/2023 03:00	0.5	188	27	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 03:10	0.2	81	21	1.0	0.0
21/07/2023 03:20	0.1	40	16	0.7	0.0
21/07/2023 03:30	0.4	66	20	1.1	0.0
21/07/2023 03:40	0.2	73	15	0.8	0.0
21/07/2023 03:50	0.1	47	20	0.7	0.0
21/07/2023 04:00	0.5	61	23	1.0	0.0
21/07/2023 04:10	0.5	35	29	1.0	0.0
21/07/2023 04:20	0.5	78	27	1.1	0.0
21/07/2023 04:30	0.4	78	17	1.2	0.0
21/07/2023 04:40	0.0	54	6	0.5	0.0
21/07/2023 04:50	0.1	71	8	0.7	0.0
21/07/2023 05:00	0.1	77	9	0.6	0.0
21/07/2023 05:10	0.1	38	16	0.8	0.0
21/07/2023 05:20	0.2	63	13	0.8	0.0
21/07/2023 05:30	0.2	71	18	0.8	0.0
21/07/2023 05:40	0.5	83	13	1.0	0.0
21/07/2023 05:50	0.3	62	10	0.8	0.0
21/07/2023 06:00	0.9	82	19	1.4	0.0
21/07/2023 06:10	1.0	81	23	1.5	0.0
21/07/2023 06:20	0.6	72	18	1.2	0.0
21/07/2023 06:30	0.4	67	22	0.9	0.0
21/07/2023 06:40	0.3	58	20	1.1	0.0
21/07/2023 06:50	0.9	76	18	1.5	0.0
21/07/2023 07:00	0.5	75	21	1.0	0.0
21/07/2023 07:10	0.6	71	22	1.2	0.0
21/07/2023 07:20	0.8	79	19	1.4	0.0
21/07/2023 07:30	1.1	79	17	1.7	0.0
21/07/2023 07:40	1.3	79	17	1.8	0.0
21/07/2023 07:50	1.2	101	24	1.7	0.0
21/07/2023 08:00	1.2	119	26	2.0	0.0
21/07/2023 08:10	1.4	114	23	2.0	0.0
21/07/2023 08:20	1.2	106	26	2.0	0.0
21/07/2023 08:30	1.2	113	31	2.0	0.0
21/07/2023 08:40	1.6	116	24	2.8	0.0
21/07/2023 08:50	2.0	115	33	3.1	0.0
21/07/2023 09:00	2.0	111	26	3.2	0.0
21/07/2023 09:10	2.2	104	25	3.8	0.0
21/07/2023 09:20	2.2	91	28	3.7	0.0
21/07/2023 09:30	2.1	100	32	3.9	0.0
21/07/2023 09:40	2.3	95	24	3.5	0.0
21/07/2023 09:50	2.1	104	28	3.5	0.0
21/07/2023 10:00	2.3	99	29	3.7	0.0
21/07/2023 10:10	2.6	99	32	4.3	0.0
21/07/2023 10:20	2.6	101	28	4.0	0.0
21/07/2023 10:30	2.6	104	31	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 10:40	2.7	108	34	4.6	0.0
21/07/2023 10:50	2.5	95	32	4.1	0.0
21/07/2023 11:00	2.4	92	26	4.3	0.0
21/07/2023 11:10	2.6	91	28	3.9	0.0
21/07/2023 11:20	2.6	79	24	4.2	0.0
21/07/2023 11:30	2.4	84	32	3.9	0.0
21/07/2023 11:40	2.3	69	25	3.4	0.0
21/07/2023 11:50	2.3	86	34	3.4	0.0
21/07/2023 12:00	2.4	85	29	4.4	0.0
21/07/2023 12:10	2.0	76	24	3.7	0.0
21/07/2023 12:20	2.0	70	22	3.3	0.0
21/07/2023 12:30	2.4	60	23	3.9	0.0
21/07/2023 12:40	1.9	83	31	3.6	0.0
21/07/2023 12:50	2.3	78	23	4.0	0.0
21/07/2023 13:00	2.3	63	24	4.0	0.0
21/07/2023 13:10	2.6	59	23	4.4	0.0
21/07/2023 13:20	2.5	58	24	4.0	0.0
21/07/2023 13:30	2.7	58	24	4.3	0.0
21/07/2023 13:40	2.7	58	21	4.3	0.0
21/07/2023 13:50	2.9	47	25	4.4	0.0
21/07/2023 14:00	2.9	49	24	4.8	0.0
21/07/2023 14:10	2.9	49	23	4.5	0.0
21/07/2023 14:20	3.1	52	21	4.8	0.0
21/07/2023 14:30	2.9	52	18	4.6	0.0
21/07/2023 14:40	2.7	52	23	4.6	0.0
21/07/2023 14:50	3.0	52	22	4.8	0.0
21/07/2023 15:00	3.0	48	24	5.1	0.0
21/07/2023 15:10	3.2	46	23	4.7	0.0
21/07/2023 15:20	3.1	50	21	4.7	0.0
21/07/2023 15:30	2.8	49	17	4.3	0.0
21/07/2023 15:40	3.1	44	20	4.3	0.0
21/07/2023 15:50	2.9	49	21	4.4	0.0
21/07/2023 16:00	2.6	50	21	4.4	0.0
21/07/2023 16:10	2.7	51	18	4.0	0.0
21/07/2023 16:20	2.7	49	23	4.3	0.0
21/07/2023 16:30	2.7	48	17	4.0	0.0
21/07/2023 16:40	2.7	46	15	3.7	0.0
21/07/2023 16:50	2.4	51	20	3.7	0.0
21/07/2023 17:00	2.1	49	20	3.2	0.0
21/07/2023 17:10	1.8	46	18	2.7	0.0
21/07/2023 17:20	1.9	36	20	2.8	0.0
21/07/2023 17:30	1.8	38	19	2.8	0.0
21/07/2023 17:40	1.8	26	19	2.5	0.0
21/07/2023 17:50	1.7	31	17	2.5	0.0
21/07/2023 18:00	2.0	25	18	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 18:10	1.8	22	18	2.7	0.0
21/07/2023 18:20	1.8	24	17	2.6	0.0
21/07/2023 18:30	1.9	25	18	2.6	0.0
21/07/2023 18:40	1.8	24	17	2.4	0.0
21/07/2023 18:50	1.7	16	20	2.4	0.0
21/07/2023 19:00	1.6	21	17	2.4	0.0
21/07/2023 19:10	1.5	19	17	2.1	0.0
21/07/2023 19:20	1.2	13	19	1.7	0.0
21/07/2023 19:30	0.4	132	50	1.2	0.0
21/07/2023 19:40	1.1	10	21	1.6	0.0
21/07/2023 19:50	1.4	15	19	2.2	0.0
21/07/2023 20:00	0.9	47	39	1.7	0.0
21/07/2023 20:10	0.2	197	14	0.9	0.0
21/07/2023 20:20	1.3	15	15	2.0	0.0
21/07/2023 20:30	1.0	32	51	1.4	0.0
21/07/2023 20:40	0.9	141	37	1.7	0.0
21/07/2023 20:50	0.6	350	15	1.2	0.0
21/07/2023 21:00	0.3	233	34	1.0	0.0
21/07/2023 21:10	0.6	179	14	1.2	0.0
21/07/2023 21:20	0.9	34	39	1.4	0.0
21/07/2023 21:30	1.0	29	29	1.4	0.0
21/07/2023 21:40	0.4	36	47	1.0	0.0
21/07/2023 21:50	0.6	20	15	1.2	0.0
21/07/2023 22:00	0.8	184	14	1.2	0.0
21/07/2023 22:10	1.0	6	17	1.5	0.0
21/07/2023 22:20	1.4	20	17	2.0	0.0
21/07/2023 22:30	1.2	24	19	1.7	0.0
21/07/2023 22:40	1.2	47	47	2.0	0.0
21/07/2023 22:50	0.9	284	34	1.2	0.0
21/07/2023 23:00	1.0	351	39	1.5	0.0
21/07/2023 23:10	1.0	16	17	1.5	0.0
21/07/2023 23:20	1.1	130	22	1.7	0.0
21/07/2023 23:30	1.8	257	12	2.4	0.0
21/07/2023 23:40	2.3	246	14	3.1	0.0
21/07/2023 23:50	1.4	284	26	2.2	0.0
22/07/2023 00:00	1.8	252	10	2.3	0.0
22/07/2023 00:10	1.1	228	31	2.0	0.0
22/07/2023 00:20	1.0	169	29	1.4	0.0
22/07/2023 00:30	1.1	301	35	1.4	0.0
22/07/2023 00:40	0.8	265	33	1.5	0.0
22/07/2023 00:50	0.6	240	27	1.2	0.0
22/07/2023 01:00	0.5	62	39	1.6	0.0
22/07/2023 01:10	0.3	141	42	0.9	0.0
22/07/2023 01:20	0.3	175	36	0.9	0.0
22/07/2023 01:30	0.8	343	10	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 01:40	1.3	343	16	1.6	0.0
22/07/2023 01:50	0.9	178	13	1.2	0.0
22/07/2023 02:00	0.7	178	12	1.0	0.0
22/07/2023 02:10	0.3	25	14	0.8	0.0
22/07/2023 02:20	0.2	87	13	0.8	0.0
22/07/2023 02:30	0.2	86	22	1.2	0.0
22/07/2023 02:40	0.6	82	38	1.4	0.0
22/07/2023 02:50	0.7	78	45	1.9	0.0
22/07/2023 03:00	0.6	52	25	1.4	0.0
22/07/2023 03:10	0.6	51	35	1.9	0.0
22/07/2023 03:20	1.0	112	50	2.6	0.0
22/07/2023 03:30	0.7	131	40	2.0	0.0
22/07/2023 03:40	2.0	115	33	3.4	0.0
22/07/2023 03:50	2.1	121	35	4.2	0.0
22/07/2023 04:00	2.3	113	32	3.6	0.0
22/07/2023 04:10	2.9	107	33	5.2	0.0
22/07/2023 04:20	2.6	111	33	5.1	0.0
22/07/2023 04:30	2.6	113	35	4.8	0.0
22/07/2023 04:40	2.4	111	37	4.2	0.0
22/07/2023 04:50	2.3	118	31	4.8	0.0
22/07/2023 05:00	2.3	118	33	4.1	0.0
22/07/2023 05:10	2.1	123	39	3.8	0.0
22/07/2023 05:20	2.3	133	29	4.0	0.0
22/07/2023 05:30	2.1	126	35	4.0	0.0
22/07/2023 05:40	2.8	130	26	4.7	0.0
22/07/2023 05:50	2.9	125	26	4.8	0.0
22/07/2023 06:00	2.8	132	33	5.6	0.0
22/07/2023 06:10	2.7	118	33	4.8	0.0
22/07/2023 06:20	2.1	122	40	4.4	0.0
22/07/2023 06:30	2.5	123	31	4.5	0.0
22/07/2023 06:40	2.7	128	28	4.6	0.0
22/07/2023 06:50	2.1	128	28	3.7	0.0
22/07/2023 07:00	1.7	130	35	3.0	0.0
22/07/2023 07:10	1.7	133	32	2.9	0.0
22/07/2023 07:20	2.1	127	35	3.9	0.0
22/07/2023 07:30	2.2	126	26	3.6	0.0
22/07/2023 07:40	2.3	123	34	4.2	0.0
22/07/2023 07:50	2.1	123	36	4.0	0.0
22/07/2023 08:00	2.4	121	34	4.0	0.0
22/07/2023 08:10	2.6	129	28	4.3	0.0
22/07/2023 08:20	2.4	125	36	4.8	0.0
22/07/2023 08:30	2.5	123	31	4.0	0.0
22/07/2023 08:40	2.9	125	29	4.8	0.0
22/07/2023 08:50	2.8	129	35	5.2	0.0
22/07/2023 09:00	2.8	128	33	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 09:10	3.0	133	31	5.6	0.0
22/07/2023 09:20	3.1	129	29	4.8	0.0
22/07/2023 09:30	2.8	129	34	5.1	0.0
22/07/2023 09:40	3.4	129	30	5.6	0.0
22/07/2023 09:50	2.9	127	35	4.9	0.0
22/07/2023 10:00	3.1	128	32	4.6	0.0
22/07/2023 10:10	3.1	112	34	5.2	0.0
22/07/2023 10:20	2.8	119	31	5.0	0.0
22/07/2023 10:30	3.4	122	32	6.0	0.0
22/07/2023 10:40	3.0	109	34	5.2	0.0
22/07/2023 10:50	3.3	117	31	5.4	0.0
22/07/2023 11:00	3.3	109	31	5.3	0.0
22/07/2023 11:10	2.6	119	39	5.2	0.0
22/07/2023 11:20	3.2	113	29	6.1	0.0
22/07/2023 11:30	2.4	111	33	4.7	0.0
22/07/2023 11:40	3.0	106	34	6.4	0.0
22/07/2023 11:50	3.3	103	33	6.0	0.0
22/07/2023 12:00	3.2	106	28	5.6	0.0
22/07/2023 12:10	3.2	95	28	5.5	0.0
22/07/2023 12:20	3.0	102	28	4.7	0.0
22/07/2023 12:30	3.2	96	28	5.8	0.0
22/07/2023 12:40	3.3	94	30	5.6	0.0
22/07/2023 12:50	2.8	109	31	4.5	0.0
22/07/2023 13:00	3.0	102	32	5.2	0.0
22/07/2023 13:10	3.0	106	32	5.1	0.0
22/07/2023 13:20	2.9	99	35	5.3	0.0
22/07/2023 13:30	2.8	105	27	4.2	0.0
22/07/2023 13:40	2.7	120	33	4.8	0.0
22/07/2023 13:50	3.1	96	33	4.9	0.0
22/07/2023 14:00	2.7	101	28	5.6	0.0
22/07/2023 14:10	3.0	82	28	4.7	0.0
22/07/2023 14:20	2.9	80	26	4.8	0.0
22/07/2023 14:30	2.8	72	24	4.4	0.0
22/07/2023 14:40	3.0	75	24	5.3	0.0
22/07/2023 14:50	3.3	78	22	5.3	0.0
22/07/2023 15:00	3.3	77	26	5.0	0.0
22/07/2023 15:10	3.0	83	23	5.5	0.0
22/07/2023 15:20	2.7	72	26	4.6	0.0
22/07/2023 15:30	2.5	69	29	4.0	0.0
22/07/2023 15:40	2.6	71	28	4.4	0.0
22/07/2023 15:50	2.4	79	23	5.0	0.0
22/07/2023 16:00	2.6	66	25	4.4	0.0
22/07/2023 16:10	2.5	65	20	3.9	0.0
22/07/2023 16:20	2.3	69	25	4.0	0.0
22/07/2023 16:30	2.2	75	29	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 16:40	2.4	80	23	4.0	0.0
22/07/2023 16:50	2.2	83	31	3.4	0.0
22/07/2023 17:00	2.1	89	26	4.7	0.0
22/07/2023 17:10	1.7	102	30	3.2	0.0
22/07/2023 17:20	2.3	107	34	4.0	0.0
22/07/2023 17:30	1.7	112	36	2.9	0.0
22/07/2023 17:40	1.9	101	37	3.5	0.0
22/07/2023 17:50	2.2	119	40	4.4	0.0
22/07/2023 18:00	2.0	117	38	3.6	0.0
22/07/2023 18:10	2.1	120	42	3.7	0.0
22/07/2023 18:20	2.0	118	31	3.4	0.0
22/07/2023 18:30	2.0	120	31	3.8	0.0
22/07/2023 18:40	2.2	117	30	4.1	0.0
22/07/2023 18:50	1.7	130	32	3.6	0.0
22/07/2023 19:00	1.1	148	33	1.8	0.0
22/07/2023 19:10	1.1	151	30	2.1	0.0
22/07/2023 19:20	1.5	143	30	2.4	0.0
22/07/2023 19:30	1.1	151	35	2.0	0.0
22/07/2023 19:40	0.2	192	28	0.7	0.0
22/07/2023 19:50	0.1	112	22	0.7	0.0
22/07/2023 20:00	0.1	148	15	0.6	0.0
22/07/2023 20:10	0.4	110	40	0.9	0.0
22/07/2023 20:20	0.5	122	43	1.2	0.0
22/07/2023 20:30	0.8	132	42	1.6	0.0
22/07/2023 20:40	0.9	117	40	1.6	0.0
22/07/2023 20:50	0.8	131	34	1.6	0.0
22/07/2023 21:00	0.5	170	35	1.2	0.0
22/07/2023 21:10	0.2	180	18	0.7	0.0
22/07/2023 21:20	0.2	159	20	0.9	0.0
22/07/2023 21:30	0.1	117	9	0.7	0.0
22/07/2023 21:40	0.0	221	6	0.6	0.0
22/07/2023 21:50	0.1	84	17	0.8	0.0
22/07/2023 22:00	0.1	85	13	0.7	0.0
22/07/2023 22:10	0.1	149	18	0.7	0.0
22/07/2023 22:20	0.1	139	21	0.8	0.0
22/07/2023 22:30	0.2	152	35	0.9	0.0
22/07/2023 22:40	0.2	146	33	1.0	0.0
22/07/2023 22:50	0.5	141	39	1.3	0.0
22/07/2023 23:00	0.7	129	37	1.5	0.0
22/07/2023 23:10	0.9	124	41	1.9	0.0
22/07/2023 23:20	1.2	117	32	2.3	0.0
22/07/2023 23:30	1.2	112	30	2.2	0.0
22/07/2023 23:40	1.5	114	31	3.3	0.0
22/07/2023 23:50	1.0	121	36	2.0	0.0
23/07/2023 00:00	1.2	114	33	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 00:10	1.2	101	36	2.2	0.0
23/07/2023 00:20	1.4	98	36	2.8	0.0
23/07/2023 00:30	1.7	106	35	2.8	0.0
23/07/2023 00:40	1.5	109	32	2.7	0.0
23/07/2023 00:50	1.6	100	37	2.6	0.0
23/07/2023 01:00	1.6	112	39	3.0	0.0
23/07/2023 01:10	2.2	110	35	3.8	0.0
23/07/2023 01:20	2.1	110	36	4.2	0.0
23/07/2023 01:30	2.2	109	40	3.9	0.0
23/07/2023 01:40	2.4	112	33	4.0	0.0
23/07/2023 01:50	2.6	105	34	4.2	0.0
23/07/2023 02:00	2.7	109	31	4.9	0.0
23/07/2023 02:10	2.8	112	34	4.9	0.0
23/07/2023 02:20	2.8	108	33	5.0	0.0
23/07/2023 02:30	2.8	105	32	5.2	0.0
23/07/2023 02:40	2.8	122	34	5.2	0.0
23/07/2023 02:50	2.7	117	36	5.0	0.0
23/07/2023 03:00	2.8	109	34	5.0	0.0
23/07/2023 03:10	2.7	110	34	5.2	0.0
23/07/2023 03:20	2.9	117	31	5.2	0.0
23/07/2023 03:30	3.1	112	32	6.1	0.0
23/07/2023 03:40	3.3	111	29	5.8	0.0
23/07/2023 03:50	3.6	110	32	6.2	0.0
23/07/2023 04:00	3.4	105	33	5.6	0.0
23/07/2023 04:10	3.2	108	32	5.6	0.0
23/07/2023 04:20	3.3	112	34	6.0	0.0
23/07/2023 04:30	3.5	108	35	6.4	0.0
23/07/2023 04:40	3.4	110	29	5.5	0.0
23/07/2023 04:50	3.7	111	33	6.3	0.0
23/07/2023 05:00	3.6	107	31	5.7	0.0
23/07/2023 05:10	3.9	107	38	6.3	0.0
23/07/2023 05:20	3.6	108	34	6.8	0.0
23/07/2023 05:30	3.3	106	33	6.0	0.0
23/07/2023 05:40	3.8	107	32	6.4	0.0
23/07/2023 05:50	3.8	106	31	6.4	0.0
23/07/2023 06:00	3.9	107	29	6.7	0.0
23/07/2023 06:10	3.4	110	33	7.3	0.0
23/07/2023 06:20	3.4	114	34	6.2	0.0
23/07/2023 06:30	3.4	106	30	5.4	0.0
23/07/2023 06:40	3.4	106	34	5.9	0.0
23/07/2023 06:50	3.1	106	35	5.7	0.0
23/07/2023 07:00	3.3	110	34	5.6	0.0
23/07/2023 07:10	3.1	103	35	5.0	0.0
23/07/2023 07:20	3.2	105	31	6.1	0.0
23/07/2023 07:30	3.7	106	32	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 07:40	2.9	108	39	4.8	0.0
23/07/2023 07:50	3.1	103	30	6.6	0.0
23/07/2023 08:00	3.5	108	32	6.0	0.0
23/07/2023 08:10	3.2	96	30	6.0	0.0
23/07/2023 08:20	3.9	101	34	6.5	0.0
23/07/2023 08:30	3.7	100	33	6.4	0.0
23/07/2023 08:40	3.3	99	36	6.5	0.0
23/07/2023 08:50	3.7	88	27	6.6	0.0
23/07/2023 09:00	3.8	91	24	6.4	0.0
23/07/2023 09:10	3.2	97	30	5.4	0.0
23/07/2023 09:20	3.5	100	33	5.9	0.0
23/07/2023 09:30	3.8	90	33	6.1	0.0
23/07/2023 09:40	3.7	97	31	6.8	0.0
23/07/2023 09:50	3.8	97	29	6.9	0.0
23/07/2023 10:00	3.4	95	30	6.0	0.0
23/07/2023 10:10	3.5	94	32	5.8	0.0
23/07/2023 10:20	3.6	90	27	6.5	0.0
23/07/2023 10:30	3.5	83	28	5.3	0.0
23/07/2023 10:40	3.6	83	23	5.5	0.0
23/07/2023 10:50	3.6	82	24	5.9	0.0
23/07/2023 11:00	3.8	73	25	5.8	0.0
23/07/2023 11:10	4.0	78	26	6.8	0.0
23/07/2023 11:20	4.0	73	22	6.0	0.0
23/07/2023 11:30	3.6	74	23	5.8	0.0
23/07/2023 11:40	3.5	76	25	5.3	0.0
23/07/2023 11:50	3.7	87	24	6.2	0.0
23/07/2023 12:00	3.2	80	28	5.5	0.0
23/07/2023 12:10	3.1	83	32	5.0	0.0
23/07/2023 12:20	3.3	68	24	5.2	0.0
23/07/2023 12:30	3.6	80	25	6.0	0.0
23/07/2023 12:40	3.3	71	27	6.1	0.0
23/07/2023 12:50	2.9	68	24	5.3	0.0
23/07/2023 13:00	3.0	64	22	5.2	0.0
23/07/2023 13:10	3.5	58	23	6.0	0.0
23/07/2023 13:20	3.2	58	23	5.2	0.0
23/07/2023 13:30	3.6	55	22	5.7	0.0
23/07/2023 13:40	3.6	55	21	6.0	0.0
23/07/2023 13:50	3.2	54	26	5.6	0.0
23/07/2023 14:00	3.5	58	23	5.7	0.0
23/07/2023 14:10	3.4	56	22	6.0	0.0
23/07/2023 14:20	3.6	52	22	5.6	0.0
23/07/2023 14:30	3.3	57	24	5.6	0.0
23/07/2023 14:40	3.4	57	20	6.0	0.0
23/07/2023 14:50	3.3	52	22	5.7	0.0
23/07/2023 15:00	3.4	57	23	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 15:10	3.3	57	20	5.6	0.0
23/07/2023 15:20	3.2	56	25	5.6	0.0
23/07/2023 15:30	3.5	58	21	5.6	0.0
23/07/2023 15:40	2.9	61	26	5.5	0.0
23/07/2023 15:50	2.9	56	23	5.1	0.0
23/07/2023 16:00	3.1	62	21	5.1	0.0
23/07/2023 16:10	3.1	56	24	5.4	0.0
23/07/2023 16:20	2.8	55	24	4.8	0.0
23/07/2023 16:30	2.8	58	22	5.6	0.0
23/07/2023 16:40	3.2	56	21	5.2	0.0
23/07/2023 16:50	3.0	62	25	5.5	0.0
23/07/2023 17:00	2.8	53	23	4.8	0.0
23/07/2023 17:10	2.5	54	23	4.4	0.0
23/07/2023 17:20	2.6	51	20	4.4	0.0
23/07/2023 17:30	2.1	45	20	3.3	0.0
23/07/2023 17:40	2.1	50	21	3.5	0.0
23/07/2023 17:50	2.0	48	19	3.9	0.0
23/07/2023 18:00	2.0	48	21	3.0	0.0
23/07/2023 18:10	2.0	47	20	3.4	0.0
23/07/2023 18:20	1.7	43	17	2.7	0.0
23/07/2023 18:30	1.9	43	20	3.6	0.0
23/07/2023 18:40	1.7	41	19	2.7	0.0
23/07/2023 18:50	1.5	45	19	2.2	0.0
23/07/2023 19:00	1.2	41	16	1.7	0.0
23/07/2023 19:10	1.3	42	19	2.1	0.0
23/07/2023 19:20	1.3	45	20	1.9	0.0
23/07/2023 19:30	0.5	49	13	1.1	0.0
23/07/2023 19:40	0.2	83	8	0.8	0.0
23/07/2023 19:50	1.1	34	16	1.4	0.0
23/07/2023 20:00	0.3	50	17	1.0	0.0
23/07/2023 20:10	0.5	16	17	1.1	0.0
23/07/2023 20:20	0.2	29	15	1.2	0.0
23/07/2023 20:30	0.8	38	18	1.4	0.0
23/07/2023 20:40	1.1	45	21	2.1	0.0
23/07/2023 20:50	1.2	45	23	2.2	0.0
23/07/2023 21:00	0.8	48	26	1.3	0.0
23/07/2023 21:10	0.9	60	26	2.0	0.0
23/07/2023 21:20	0.8	51	24	1.9	0.0
23/07/2023 21:30	0.9	50	17	1.7	0.0
23/07/2023 21:40	0.9	59	30	2.0	0.0
23/07/2023 21:50	1.3	76	25	2.2	0.0
23/07/2023 22:00	1.5	82	25	2.6	0.0
23/07/2023 22:10	1.7	85	20	2.9	0.0
23/07/2023 22:20	1.6	83	24	3.0	0.0
23/07/2023 22:30	1.9	92	22	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 22:40	1.4	89	40	2.8	0.0
23/07/2023 22:50	2.1	90	29	3.7	0.0
23/07/2023 23:00	2.4	88	28	4.0	0.0
23/07/2023 23:10	2.5	92	26	4.5	0.0
23/07/2023 23:20	2.6	88	24	4.2	0.0
23/07/2023 23:30	2.4	85	29	4.3	0.0
23/07/2023 23:40	2.7	81	26	4.4	0.0
23/07/2023 23:50	3.0	83	23	5.2	0.0
24/07/2023 00:00	3.1	83	23	5.2	0.0
24/07/2023 00:10	3.2	80	25	5.3	0.0
24/07/2023 00:20	3.6	82	20	6.4	0.0
24/07/2023 00:30	4.1	85	19	6.3	0.0
24/07/2023 00:40	3.8	84	21	6.4	0.0
24/07/2023 00:50	3.6	82	28	6.0	0.0
24/07/2023 01:00	3.9	85	24	6.8	0.0
24/07/2023 01:10	4.4	82	23	7.5	0.0
24/07/2023 01:20	4.2	83	28	7.2	0.0
24/07/2023 01:30	3.3	86	23	6.0	0.0
24/07/2023 01:40	3.9	88	24	5.8	0.0
24/07/2023 01:50	3.5	85	30	6.0	0.0
24/07/2023 02:00	3.7	88	26	6.1	0.0
24/07/2023 02:10	3.4	87	25	6.5	0.0
24/07/2023 02:20	3.7	84	26	6.1	0.0
24/07/2023 02:30	3.6	88	26	6.1	0.0
24/07/2023 02:40	3.4	91	24	5.4	0.0
24/07/2023 02:50	3.7	90	21	6.2	0.0
24/07/2023 03:00	3.0	94	26	4.9	0.0
24/07/2023 03:10	2.9	95	29	5.0	0.0
24/07/2023 03:20	2.3	93	31	3.8	0.0
24/07/2023 03:30	2.6	95	28	4.7	0.0
24/07/2023 03:40	2.8	89	31	4.7	0.0
24/07/2023 03:50	2.8	85	31	5.2	0.0
24/07/2023 04:00	2.7	94	30	4.4	0.0
24/07/2023 04:10	2.5	94	34	4.5	0.0
24/07/2023 04:20	3.0	93	27	5.2	0.0
24/07/2023 04:30	2.5	101	31	4.3	0.0
24/07/2023 04:40	2.7	99	27	4.3	0.0
24/07/2023 04:50	2.6	97	32	4.2	0.0
24/07/2023 05:00	2.6	97	35	4.7	0.0
24/07/2023 05:10	2.8	96	28	4.9	0.0
24/07/2023 05:20	2.7	98	30	4.6	0.0
24/07/2023 05:30	2.8	97	29	4.8	0.0
24/07/2023 05:40	3.5	90	24	6.8	0.0
24/07/2023 05:50	3.3	90	24	5.8	0.0
24/07/2023 06:00	3.2	93	24	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 06:10	3.1	93	24	5.6	0.0
24/07/2023 06:20	3.2	89	28	5.6	0.0
24/07/2023 06:30	3.6	88	31	6.6	0.0
24/07/2023 06:40	4.0	87	23	6.0	0.0
24/07/2023 06:50	4.4	78	23	6.9	0.0
24/07/2023 07:00	4.3	83	25	6.4	0.0
24/07/2023 07:10	4.7	86	23	7.5	0.0
24/07/2023 07:20	4.7	86	22	7.7	0.0
24/07/2023 07:30	4.7	87	18	7.4	0.0
24/07/2023 07:40	4.5	84	23	7.0	0.0
24/07/2023 07:50	4.5	84	25	7.4	0.0
24/07/2023 08:00	4.4	84	22	6.8	0.0
24/07/2023 08:10	4.6	91	21	7.3	0.0
24/07/2023 08:20	4.3	88	23	6.8	0.0
24/07/2023 08:30	3.2	95	32	6.0	0.0
24/07/2023 08:40	3.7	90	25	6.6	0.0
24/07/2023 08:50	4.0	92	25	7.0	0.0
24/07/2023 09:00	3.2	98	30	5.4	0.0
24/07/2023 09:10	3.5	90	29	5.9	0.0
24/07/2023 09:20	4.4	88	25	7.2	0.0
24/07/2023 09:30	4.7	83	24	7.9	0.0
24/07/2023 09:40	5.3	79	21	8.3	0.0
24/07/2023 09:50	4.9	78	23	7.6	0.0
24/07/2023 10:00	5.2	75	21	7.8	0.0
24/07/2023 10:10	5.2	79	21	7.8	0.0
24/07/2023 10:20	4.7	77	24	8.5	0.0
24/07/2023 10:30	5.4	82	20	9.9	0.0
24/07/2023 10:40	5.1	82	25	8.1	0.0
24/07/2023 10:50	5.1	82	22	7.9	0.0
24/07/2023 11:00	4.8	76	22	7.9	0.0
24/07/2023 11:10	5.1	81	24	8.5	0.0
24/07/2023 11:20	5.1	80	22	8.6	0.0
24/07/2023 11:30	5.1	77	23	7.9	0.0
24/07/2023 11:40	4.4	79	21	6.8	0.0
24/07/2023 11:50	4.5	81	22	7.2	0.0
24/07/2023 12:00	4.4	83	23	8.3	0.0
24/07/2023 12:10	4.0	66	27	6.4	0.0
24/07/2023 12:20	4.5	75	20	7.5	0.0
24/07/2023 12:30	4.4	70	19	7.9	0.0
24/07/2023 12:40	4.5	72	22	7.5	0.0
24/07/2023 12:50	4.3	79	22	7.2	0.0
24/07/2023 13:00	4.0	76	24	6.4	0.0
24/07/2023 13:10	4.2	75	27	7.2	0.0
24/07/2023 13:20	4.4	75	25	6.4	0.0
24/07/2023 13:30	4.3	81	24	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 13:40	4.4	78	21	7.2	0.0
24/07/2023 13:50	4.1	70	24	6.8	0.0
24/07/2023 14:00	4.1	68	21	7.0	0.0
24/07/2023 14:10	3.9	67	24	6.5	0.0
24/07/2023 14:20	3.8	70	24	6.7	0.0
24/07/2023 14:30	3.6	69	21	5.6	0.0
24/07/2023 14:40	3.4	63	23	5.4	0.0
24/07/2023 14:50	3.9	64	23	5.8	0.0
24/07/2023 15:00	4.1	63	25	6.4	0.0
24/07/2023 15:10	3.9	65	25	6.4	0.0
24/07/2023 15:20	3.8	68	22	6.3	0.0
24/07/2023 15:30	4.1	55	21	6.5	0.0
24/07/2023 15:40	4.0	58	25	6.6	0.0
24/07/2023 15:50	3.9	52	20	6.4	0.0
24/07/2023 16:00	3.7	47	20	5.9	0.0
24/07/2023 16:10	3.7	43	18	5.9	0.0
24/07/2023 16:20	3.5	45	23	6.2	0.0
24/07/2023 16:30	3.4	43	21	5.7	0.0
24/07/2023 16:40	3.6	45	20	6.1	0.0
24/07/2023 16:50	3.6	40	20	5.5	0.0
24/07/2023 17:00	3.3	44	23	5.2	0.0
24/07/2023 17:10	3.2	48	19	5.1	0.0
24/07/2023 17:20	3.3	41	22	5.3	0.0
24/07/2023 17:30	3.1	41	21	5.0	0.0
24/07/2023 17:40	3.0	47	20	4.8	0.0
24/07/2023 17:50	2.6	41	22	4.0	0.0
24/07/2023 18:00	2.5	42	20	4.2	0.0
24/07/2023 18:10	2.4	40	21	4.4	0.0
24/07/2023 18:20	2.2	43	22	3.6	0.0
24/07/2023 18:30	2.1	40	22	3.6	0.0
24/07/2023 18:40	1.7	39	20	2.7	0.0
24/07/2023 18:50	1.7	36	21	2.8	0.0
24/07/2023 19:00	1.6	37	22	2.4	0.0
24/07/2023 19:10	1.5	40	21	2.5	0.0
24/07/2023 19:20	1.4	40	19	2.0	0.0
24/07/2023 19:30	1.4	36	18	2.2	0.0
24/07/2023 19:40	1.2	35	18	1.8	0.0
24/07/2023 19:50	1.3	30	19	2.1	0.0
24/07/2023 20:00	1.5	34	20	2.1	0.0
24/07/2023 20:10	1.3	31	17	2.4	0.0
24/07/2023 20:20	1.5	29	20	2.4	0.0
24/07/2023 20:30	1.0	28	18	1.4	0.0
24/07/2023 20:40	0.5	24	13	0.9	0.0
24/07/2023 20:50	0.2	1	5	0.9	0.0
24/07/2023 21:00	0.4	360	10	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 21:10	0.4	182	12	0.9	0.0
24/07/2023 21:20	0.6	183	14	1.0	0.0
24/07/2023 21:30	0.5	178	15	1.1	0.0
24/07/2023 21:40	0.6	1	18	1.1	0.0
24/07/2023 21:50	0.6	18	23	1.1	0.0
24/07/2023 22:00	0.2	181	8	0.6	0.0
24/07/2023 22:10	0.1	348	4	0.5	0.0
24/07/2023 22:20	0.1	192	16	0.6	0.0
24/07/2023 22:30	0.3	17	19	0.8	0.0
24/07/2023 22:40	0.3	34	17	1.1	0.0
24/07/2023 22:50	0.4	190	16	1.2	0.0
24/07/2023 23:00	0.1	18	6	0.7	0.0
24/07/2023 23:10	0.2	38	16	1.0	0.0
24/07/2023 23:20	0.5	177	13	1.2	0.0
24/07/2023 23:30	0.5	4	14	1.1	0.0
24/07/2023 23:40	0.7	180	16	1.2	0.0
24/07/2023 23:50	0.4	10	14	1.0	0.0
25/07/2023 00:00	0.4	15	11	1.0	0.0
25/07/2023 00:10	0.2	25	14	0.8	0.0
25/07/2023 00:20	0.1	39	8	0.5	0.0
25/07/2023 00:30	0.1	48	5	0.6	0.0
25/07/2023 00:40	0.4	33	12	0.8	0.0
25/07/2023 00:50	0.5	5	15	1.0	0.0
25/07/2023 01:00	0.7	18	15	1.1	0.0
25/07/2023 01:10	0.2	25	9	0.7	0.0
25/07/2023 01:20	0.3	186	10	0.8	0.0
25/07/2023 01:30	0.6	352	16	1.1	0.0
25/07/2023 01:40	0.1	35	6	0.5	0.0
25/07/2023 01:50	0.2	33	14	0.8	0.0
25/07/2023 02:00	0.2	2	5	0.8	0.0
25/07/2023 02:10	0.2	38	17	0.8	0.0
25/07/2023 02:20	0.2	49	16	1.0	0.0
25/07/2023 02:30	0.2	59	19	0.9	0.0
25/07/2023 02:40	0.0	70	8	0.5	0.0
25/07/2023 02:50	0.3	106	30	1.0	0.0
25/07/2023 03:00	0.9	108	27	2.6	0.0
25/07/2023 03:10	1.0	89	28	1.9	0.0
25/07/2023 03:20	1.8	93	31	3.6	0.0
25/07/2023 03:30	1.9	105	38	3.5	0.0
25/07/2023 03:40	1.7	103	36	2.9	0.0
25/07/2023 03:50	1.8	99	35	3.0	0.0
25/07/2023 04:00	1.9	98	31	3.3	0.0
25/07/2023 04:10	2.1	103	36	3.4	0.0
25/07/2023 04:20	2.4	91	27	4.2	0.0
25/07/2023 04:30	2.4	94	26	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 04:40	2.0	95	29	4.0	0.0
25/07/2023 04:50	2.1	93	28	3.4	0.0
25/07/2023 05:00	2.7	88	27	4.5	0.0
25/07/2023 05:10	2.9	86	23	5.2	0.0
25/07/2023 05:20	3.5	83	26	6.0	0.0
25/07/2023 05:30	3.4	90	24	5.4	0.0
25/07/2023 05:40	3.4	86	25	5.3	0.0
25/07/2023 05:50	3.1	84	26	5.2	0.0
25/07/2023 06:00	3.2	84	23	4.8	0.0
25/07/2023 06:10	3.4	89	23	5.4	0.0
25/07/2023 06:20	3.0	83	25	4.9	0.0
25/07/2023 06:30	3.1	85	20	5.2	0.0
25/07/2023 06:40	2.9	83	23	4.7	0.0
25/07/2023 06:50	3.1	84	22	5.1	0.0
25/07/2023 07:00	3.0	90	26	5.3	0.0
25/07/2023 07:10	2.9	86	21	5.1	0.0
25/07/2023 07:20	2.3	79	22	4.2	0.0
25/07/2023 07:30	2.7	81	20	4.5	0.0
25/07/2023 07:40	3.1	84	25	5.8	0.0
25/07/2023 07:50	3.7	89	20	5.7	0.0
25/07/2023 08:00	3.6	85	33	6.4	0.0
25/07/2023 08:10	3.5	90	25	6.3	0.0
25/07/2023 08:20	3.6	90	25	6.0	0.0
25/07/2023 08:30	3.8	86	22	5.8	0.0
25/07/2023 08:40	3.8	89	23	6.2	0.0
25/07/2023 08:50	3.9	85	22	6.7	0.0
25/07/2023 09:00	4.3	85	22	6.8	0.0
25/07/2023 09:10	4.4	87	27	7.2	0.0
25/07/2023 09:20	3.7	92	26	6.4	0.0
25/07/2023 09:30	3.9	85	26	6.8	0.0
25/07/2023 09:40	4.4	80	23	7.2	0.0
25/07/2023 09:50	4.3	78	20	6.8	0.0
25/07/2023 10:00	4.2	81	27	7.1	0.0
25/07/2023 10:10	4.8	80	21	7.4	0.0
25/07/2023 10:20	4.4	81	18	6.8	0.0
25/07/2023 10:30	4.4	82	22	6.7	0.0
25/07/2023 10:40	4.2	82	19	6.8	0.0
25/07/2023 10:50	4.4	83	22	8.2	0.0
25/07/2023 11:00	4.1	83	23	6.8	0.0
25/07/2023 11:10	3.7	79	23	6.6	0.0
25/07/2023 11:20	3.3	73	28	6.2	0.0
25/07/2023 11:30	3.7	75	22	5.6	0.0
25/07/2023 11:40	3.5	67	25	5.6	0.0
25/07/2023 11:50	3.5	70	20	5.8	0.0
25/07/2023 12:00	3.7	73	26	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 12:10	3.4	67	23	6.1	0.0
25/07/2023 12:20	3.3	61	25	6.6	0.0
25/07/2023 12:30	3.6	66	27	5.7	0.0
25/07/2023 12:40	3.7	62	25	6.1	0.0
25/07/2023 12:50	3.5	61	24	5.2	0.0
25/07/2023 13:00	3.4	61	24	5.8	0.0
25/07/2023 13:10	3.6	62	21	5.9	0.0
25/07/2023 13:20	3.5	64	23	6.2	0.0
25/07/2023 13:30	3.4	59	26	5.6	0.0
25/07/2023 13:40	3.4	61	25	5.6	0.0
25/07/2023 13:50	3.7	65	22	5.4	0.0
25/07/2023 14:00	3.5	65	23	5.5	0.0
25/07/2023 14:10	3.5	66	20	5.8	0.0
25/07/2023 14:20	3.2	62	23	5.2	0.0
25/07/2023 14:30	3.2	65	21	5.2	0.0
25/07/2023 14:40	3.3	63	21	5.6	0.0
25/07/2023 14:50	3.1	63	21	5.3	0.0
25/07/2023 15:00	3.2	57	23	4.9	0.0
25/07/2023 15:10	3.1	59	23	4.8	0.0
25/07/2023 15:20	3.1	65	24	5.1	0.0
25/07/2023 15:30	3.0	61	21	4.6	0.0
25/07/2023 15:40	2.6	69	23	4.7	0.0
25/07/2023 15:50	2.6	64	22	4.3	0.0
25/07/2023 16:00	2.7	61	23	4.4	0.0
25/07/2023 16:10	2.5	66	27	4.4	0.0
25/07/2023 16:20	2.8	63	22	4.4	0.0
25/07/2023 16:30	2.5	56	21	4.1	0.0
25/07/2023 16:40	2.4	61	23	4.0	0.0
25/07/2023 16:50	2.3	62	25	3.8	0.0
25/07/2023 17:00	2.3	63	25	4.0	0.0
25/07/2023 17:10	2.4	64	24	4.3	0.0
25/07/2023 17:20	1.9	68	24	2.8	0.0
25/07/2023 17:30	1.9	71	25	3.1	0.0
25/07/2023 17:40	2.1	80	27	3.7	0.0
25/07/2023 17:50	2.1	79	26	3.7	0.0
25/07/2023 18:00	2.4	83	22	4.0	0.0
25/07/2023 18:10	2.1	82	21	3.2	0.0
25/07/2023 18:20	1.9	80	22	3.1	0.0
25/07/2023 18:30	2.0	83	23	3.9	0.0
25/07/2023 18:40	1.8	80	21	2.8	0.0
25/07/2023 18:50	1.9	84	22	3.2	0.0
25/07/2023 19:00	1.8	84	22	3.1	0.0
25/07/2023 19:10	1.4	81	28	2.4	0.0
25/07/2023 19:20	1.3	92	25	2.2	0.0
25/07/2023 19:30	1.4	90	24	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 19:40	1.5	89	24	2.7	0.0
25/07/2023 19:50	1.4	88	24	2.4	0.0
25/07/2023 20:00	1.1	94	27	2.0	0.0
25/07/2023 20:10	1.3	86	23	2.1	0.0
25/07/2023 20:20	1.2	86	20	2.1	0.0
25/07/2023 20:30	0.8	85	26	1.4	0.0
25/07/2023 20:40	0.8	77	22	1.6	0.0
25/07/2023 20:50	0.2	53	16	0.8	0.0
25/07/2023 21:00	0.2	46	14	0.8	0.0
25/07/2023 21:10	0.1	36	10	0.8	0.0
25/07/2023 21:20	0.1	42	6	0.7	0.0
25/07/2023 21:30	0.3	31	14	0.8	0.0
25/07/2023 21:40	0.6	36	18	1.2	0.0
25/07/2023 21:50	0.4	31	14	0.8	0.0
25/07/2023 22:00	0.5	38	18	1.2	0.0
25/07/2023 22:10	0.9	43	15	1.5	0.0
25/07/2023 22:20	1.2	44	19	1.8	0.0
25/07/2023 22:30	1.5	41	18	2.5	0.0
25/07/2023 22:40	1.6	41	18	2.6	0.0
25/07/2023 22:50	1.2	44	20	1.6	0.0
25/07/2023 23:00	1.1	45	18	1.8	0.0
25/07/2023 23:10	1.0	36	18	1.5	0.0
25/07/2023 23:20	1.2	43	18	1.8	0.0
25/07/2023 23:30	1.4	44	19	2.4	0.0
25/07/2023 23:40	1.3	38	21	2.1	0.0
25/07/2023 23:50	1.4	41	25	2.2	0.0
26/07/2023 00:00	1.3	38	17	2.0	0.0
26/07/2023 00:10	1.2	33	19	1.7	0.0
26/07/2023 00:20	1.3	41	19	2.0	0.0
26/07/2023 00:30	1.6	39	19	2.6	0.0
26/07/2023 00:40	1.2	35	20	2.0	0.0
26/07/2023 00:50	1.0	36	19	1.4	0.0
26/07/2023 01:00	0.7	40	18	1.2	0.0
26/07/2023 01:10	1.0	27	20	1.6	0.0
26/07/2023 01:20	0.9	31	16	1.4	0.0
26/07/2023 01:30	0.9	34	21	1.6	0.0
26/07/2023 01:40	0.7	39	21	1.6	0.0
26/07/2023 01:50	0.9	52	23	1.8	0.0
26/07/2023 02:00	1.0	68	25	2.4	0.0
26/07/2023 02:10	1.1	74	20	2.0	0.0
26/07/2023 02:20	1.1	89	30	2.0	0.0
26/07/2023 02:30	0.4	97	22	1.2	0.0
26/07/2023 02:40	0.2	65	19	1.1	0.0
26/07/2023 02:50	0.1	69	14	0.7	0.0
26/07/2023 03:00	0.1	44	12	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 03:10	0.1	56	5	0.6	0.0
26/07/2023 03:20	0.1	36	8	0.6	0.0
26/07/2023 03:30	0.1	39	2	0.9	0.0
26/07/2023 03:40	0.0	31	3	0.4	0.0
26/07/2023 03:50	0.0	108	0	0.4	0.0
26/07/2023 04:00	0.8	33	18	1.4	0.0
26/07/2023 04:10	1.0	41	16	1.7	0.0
26/07/2023 04:20	1.2	46	16	1.8	0.0
26/07/2023 04:30	0.7	58	21	1.5	0.0
26/07/2023 04:40	0.4	54	20	1.0	0.0
26/07/2023 04:50	0.7	40	24	1.2	0.0
26/07/2023 05:00	1.1	48	21	1.9	0.0
26/07/2023 05:10	0.5	65	18	1.1	0.0
26/07/2023 05:20	0.1	62	15	0.6	0.0
26/07/2023 05:30	0.2	51	17	0.8	0.0
26/07/2023 05:40	0.4	46	20	0.9	0.0
26/07/2023 05:50	0.1	79	11	1.2	0.0
26/07/2023 06:00	0.4	49	22	1.2	0.0
26/07/2023 06:10	0.1	55	7	0.7	0.0
26/07/2023 06:20	0.7	33	17	1.3	0.0
26/07/2023 06:30	0.9	31	19	1.8	0.0
26/07/2023 06:40	0.9	36	27	1.7	0.0
26/07/2023 06:50	0.8	42	25	1.7	0.0
26/07/2023 07:00	0.4	64	22	1.4	0.0
26/07/2023 07:10	0.6	64	28	1.3	0.0
26/07/2023 07:20	1.0	78	22	1.8	0.0
26/07/2023 07:30	1.1	90	23	2.1	0.0
26/07/2023 07:40	1.3	93	26	2.3	0.0
26/07/2023 07:50	1.2	97	25	2.3	0.0
26/07/2023 08:00	1.4	109	30	2.6	0.0
26/07/2023 08:10	1.4	111	38	2.6	0.0
26/07/2023 08:20	1.5	109	30	2.8	0.0
26/07/2023 08:30	1.7	122	37	3.5	0.0
26/07/2023 08:40	1.6	114	31	2.8	0.0
26/07/2023 08:50	1.8	108	25	2.8	0.0
26/07/2023 09:00	2.1	94	29	3.2	0.0
26/07/2023 09:10	2.5	82	29	3.8	0.0
26/07/2023 09:20	2.5	76	24	4.3	0.0
26/07/2023 09:30	2.5	72	24	3.8	0.0
26/07/2023 09:40	2.3	94	27	4.0	0.0
26/07/2023 09:50	2.6	88	30	4.1	0.0
26/07/2023 10:00	2.7	86	26	4.3	0.0
26/07/2023 10:10	2.7	92	28	4.7	0.0
26/07/2023 10:20	3.2	84	23	4.9	0.0
26/07/2023 10:30	2.8	82	24	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 10:40	2.6	90	30	4.2	0.0
26/07/2023 10:50	2.7	89	25	4.3	0.0
26/07/2023 11:00	2.4	82	24	4.0	0.0
26/07/2023 11:10	2.8	82	27	4.6	0.0
26/07/2023 11:20	2.9	80	23	4.5	0.0
26/07/2023 11:30	2.4	75	27	3.7	0.0
26/07/2023 11:40	2.7	67	24	4.3	0.0
26/07/2023 11:50	2.9	64	22	4.7	0.0
26/07/2023 12:00	2.9	63	19	4.8	0.0
26/07/2023 12:10	2.9	67	23	4.4	0.0
26/07/2023 12:20	2.7	69	21	4.4	0.0
26/07/2023 12:30	2.7	64	20	4.7	0.0
26/07/2023 12:40	2.7	61	23	4.3	0.0
26/07/2023 12:50	2.9	59	22	4.9	0.0
26/07/2023 13:00	2.9	64	22	4.6	0.0
26/07/2023 13:10	2.9	67	23	5.2	0.0
26/07/2023 13:20	2.8	63	22	5.2	0.0
26/07/2023 13:30	3.0	68	23	4.5	0.0
26/07/2023 13:40	3.1	64	24	4.8	0.0
26/07/2023 13:50	2.8	64	22	4.6	0.0
26/07/2023 14:00	2.9	65	25	4.5	0.0
26/07/2023 14:10	3.1	66	21	5.0	0.0
26/07/2023 14:20	2.9	64	23	5.1	0.0
26/07/2023 14:30	3.1	67	23	4.7	0.0
26/07/2023 14:40	3.3	66	23	5.2	0.0
26/07/2023 14:50	2.9	63	27	5.0	0.0
26/07/2023 15:00	2.9	70	21	4.7	0.0
26/07/2023 15:10	3.0	71	24	5.2	0.0
26/07/2023 15:20	2.9	74	21	4.5	0.0
26/07/2023 15:30	2.8	68	26	4.4	0.0
26/07/2023 15:40	2.7	68	25	4.0	0.0
26/07/2023 15:50	2.7	70	23	4.2	0.0
26/07/2023 16:00	2.7	71	23	4.4	0.0
26/07/2023 16:10	2.7	71	20	4.7	0.0
26/07/2023 16:20	2.6	68	24	4.1	0.0
26/07/2023 16:30	2.2	61	23	4.0	0.0
26/07/2023 16:40	2.3	70	23	3.7	0.0
26/07/2023 16:50	2.3	69	26	3.5	0.0
26/07/2023 17:00	2.2	69	24	3.6	0.0
26/07/2023 17:10	2.3	64	23	4.1	0.0
26/07/2023 17:20	2.1	67	23	3.1	0.0
26/07/2023 17:30	2.0	71	24	3.8	0.0
26/07/2023 17:40	1.8	73	26	3.2	0.0
26/07/2023 17:50	1.8	78	23	2.9	0.0
26/07/2023 18:00	1.7	86	21	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 18:10	1.7	83	19	3.2	0.0
26/07/2023 18:20	1.1	80	23	2.0	0.0
26/07/2023 18:30	1.5	70	23	2.6	0.0
26/07/2023 18:40	1.1	76	21	2.0	0.0
26/07/2023 18:50	1.0	77	28	2.2	0.0
26/07/2023 19:00	0.9	96	29	1.8	0.0
26/07/2023 19:10	0.7	105	31	1.3	0.0
26/07/2023 19:20	0.2	114	15	0.7	0.0
26/07/2023 19:30	0.4	93	12	0.9	0.0
26/07/2023 19:40	0.3	92	19	1.1	0.0
26/07/2023 19:50	0.6	106	24	1.2	0.0
26/07/2023 20:00	0.4	106	19	1.2	0.0
26/07/2023 20:10	0.1	65	11	0.5	0.0
26/07/2023 20:20	0.1	60	8	0.6	0.0
26/07/2023 20:30					0.0
26/07/2023 20:40					0.0
26/07/2023 20:50					0.0
26/07/2023 21:00	0.4	236	6	0.8	0.0
26/07/2023 21:10	0.7	262	7	1.0	0.0
26/07/2023 21:20	0.6	238	8	1.2	0.0
26/07/2023 21:30	0.4	237	9	0.9	0.0
26/07/2023 21:40	1.0	249	7	1.4	0.0
26/07/2023 21:50	1.0	238	8	1.3	0.0
26/07/2023 22:00	0.6	247	9	1.2	0.0
26/07/2023 22:10	1.3	265	13	2.0	0.0
26/07/2023 22:20	1.1	260	18	1.6	0.0
26/07/2023 22:30	1.2	254	15	1.8	0.0
26/07/2023 22:40	1.0	248	10	1.4	0.0
26/07/2023 22:50	0.9	256	13	1.2	0.0
26/07/2023 23:00	1.3	247	13	1.9	0.0
26/07/2023 23:10	1.1	251	17	1.6	0.0
26/07/2023 23:20	0.9	248	14	1.3	0.0
26/07/2023 23:30	0.9	257	13	1.2	0.0
26/07/2023 23:40	0.4	301	9	0.9	0.0
26/07/2023 23:50	0.5	284	10	1.0	0.0
27/07/2023 00:00	1.1	264	10	1.5	0.0
27/07/2023 00:10	0.9	249	11	1.4	0.0
27/07/2023 00:20	0.7	260	17	1.2	0.0
27/07/2023 00:30	0.7	266	14	1.1	0.0
27/07/2023 00:40	0.7	260	8	0.9	0.0
27/07/2023 00:50	0.6	224	12	1.1	0.0
27/07/2023 01:00	0.6	245	33	1.0	0.0
27/07/2023 01:10	0.0	86	1	0.4	0.0
27/07/2023 01:20	0.4	70	15	1.1	0.0
27/07/2023 01:30	0.8	62	22	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 01:40	0.2	46	10	0.8	0.0
27/07/2023 01:50	0.3	223	9	1.0	0.0
27/07/2023 02:00	1.6	229	15	2.5	0.0
27/07/2023 02:10	1.3	233	18	2.0	0.0
27/07/2023 02:20	0.6	202	17	1.4	0.0
27/07/2023 02:30					0.0
27/07/2023 02:40	0.0	202	3	0.6	0.0
27/07/2023 02:50					0.0
27/07/2023 03:00	0.1	248	9	0.8	0.0
27/07/2023 03:10	0.9	246	12	1.3	0.0
27/07/2023 03:20	1.0	247	15	1.6	0.0
27/07/2023 03:30	1.2	264	15	1.8	0.0
27/07/2023 03:40	1.2	248	18	2.0	0.0
27/07/2023 03:50	1.4	240	16	2.0	0.0
27/07/2023 04:00	1.2	226	18	2.0	0.0
27/07/2023 04:10	0.7	205	23	1.6	0.0
27/07/2023 04:20	0.7	202	31	1.7	0.0
27/07/2023 04:30	1.4	200	25	2.7	0.0
27/07/2023 04:40	1.5	197	28	2.8	0.0
27/07/2023 04:50	1.5	211	18	2.4	0.0
27/07/2023 05:00	1.5	212	16	2.4	0.0
27/07/2023 05:10	0.9	202	24	1.9	0.0
27/07/2023 05:20	1.3	201	28	2.0	0.0
27/07/2023 05:30	0.7	177	34	1.8	0.0
27/07/2023 05:40	0.5	165	31	1.2	0.0
27/07/2023 05:50	0.8	166	28	1.5	0.0
27/07/2023 06:00	0.6	132	20	1.2	0.0
27/07/2023 06:10	0.4	55	16	1.1	0.0
27/07/2023 06:20	0.3	38	14	0.8	0.0
27/07/2023 06:30	0.3	47	15	0.9	0.0
27/07/2023 06:40	0.5	36	16	1.2	0.0
27/07/2023 06:50	0.2	24	9	0.8	0.0
27/07/2023 07:00	0.1	185	3	0.5	0.0
27/07/2023 07:10	0.1	29	8	0.6	0.0
27/07/2023 07:20	0.5	31	14	0.8	0.0
27/07/2023 07:30	0.5	29	13	0.9	0.0
27/07/2023 07:40	0.2	59	10	0.7	0.0
27/07/2023 07:50	0.0	72	4	0.4	0.0
27/07/2023 08:00	0.5	84	16	1.4	0.0
27/07/2023 08:10	0.8	115	28	1.5	0.0
27/07/2023 08:20	0.8	130	29	1.7	0.0
27/07/2023 08:30	0.8	142	29	1.4	0.0
27/07/2023 08:40	0.6	136	35	1.0	0.0
27/07/2023 08:50	0.7	123	42	1.6	0.0
27/07/2023 09:00	0.7	136	26	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 09:10	0.9	140	38	1.6	0.0
27/07/2023 09:20	1.1	149	29	2.0	0.0
27/07/2023 09:30	1.5	118	32	2.5	0.0
27/07/2023 09:40	1.6	118	33	2.6	0.0
27/07/2023 09:50	1.4	117	33	2.1	0.0
27/07/2023 10:00	1.5	134	26	2.4	0.0
27/07/2023 10:10	1.5	124	29	2.5	0.0
27/07/2023 10:20	1.7	129	30	2.8	0.0
27/07/2023 10:30	1.5	127	32	2.6	0.0
27/07/2023 10:40	1.3	134	32	2.1	0.0
27/07/2023 10:50	1.5	124	38	2.5	0.0
27/07/2023 11:00	1.5	120	29	2.7	0.0
27/07/2023 11:10	1.7	113	30	2.9	0.0
27/07/2023 11:20	1.7	125	33	2.6	0.0
27/07/2023 11:30	1.7	130	33	2.8	0.0
27/07/2023 11:40	1.5	122	32	2.4	0.0
27/07/2023 11:50	1.4	106	37	2.4	0.0
27/07/2023 12:00	1.5	116	37	2.6	0.0
27/07/2023 12:10	1.5	132	33	2.6	0.0
27/07/2023 12:20	1.6	122	33	2.6	0.0
27/07/2023 12:30	1.5	138	29	2.5	0.0
27/07/2023 12:40	1.6	129	29	2.7	0.0
27/07/2023 12:50	1.3	131	35	2.4	0.0
27/07/2023 13:00	1.1	128	46	2.0	0.0
27/07/2023 13:10	1.1	144	28	1.8	0.0
27/07/2023 13:20	1.3	105	29	2.0	0.0
27/07/2023 13:30	1.3	117	29	2.3	0.0
27/07/2023 13:40	1.4	104	39	2.4	0.0
27/07/2023 13:50	1.3	94	37	2.4	0.0
27/07/2023 14:00	1.3	70	27	2.3	0.0
27/07/2023 14:10	1.5	45	24	2.6	0.0
27/07/2023 14:20	1.5	49	28	2.3	0.0
27/07/2023 14:30	1.4	36	18	2.3	
27/07/2023 14:40	1.6	56	23	2.4	0.0
27/07/2023 14:50	1.5	55	25	2.6	0.0
27/07/2023 15:00	1.3	46	23	2.1	0.0
27/07/2023 15:10	1.3	49	24	2.0	0.0
27/07/2023 15:20	1.2	62	26	2.1	0.0
27/07/2023 15:30	1.3	60	23	2.4	0.0
27/07/2023 15:40	1.4	54	24	2.3	0.0
27/07/2023 15:50	1.4	73	22	2.2	0.0
27/07/2023 16:00	1.4	62	25	2.3	0.0
27/07/2023 16:10	1.6	58	19	2.7	0.0
27/07/2023 16:20	1.6	51	21	2.1	0.0
27/07/2023 16:30	1.4	58	23	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 16:40	1.2	44	20	1.8	0.0
27/07/2023 16:50	1.2	184	27	1.7	0.0
27/07/2023 17:00	0.6	170	17	1.3	0.0
27/07/2023 17:10	0.6	343	23	1.2	0.0
27/07/2023 17:20	0.7	330	24	1.5	0.0
27/07/2023 17:30	0.5	192	17	1.0	0.0
27/07/2023 17:40	0.9	20	33	1.5	0.0
27/07/2023 17:50	1.1	7	32	2.3	0.0
27/07/2023 18:00	1.1	26	28	2.0	0.0
27/07/2023 18:10	0.9	189	31	1.7	0.0
27/07/2023 18:20	1.3	332	29	2.0	0.0
27/07/2023 18:30	1.7	352	27	3.0	0.0
27/07/2023 18:40	1.9	327	24	3.3	0.0
27/07/2023 18:50	1.7	350	26	2.8	0.0
27/07/2023 19:00	1.7	353	28	2.6	0.0
27/07/2023 19:10	1.8	340	21	2.8	0.0
27/07/2023 19:20	1.3	333	27	2.0	0.0
27/07/2023 19:30	1.6	345	18	2.2	0.0
27/07/2023 19:40	1.5	342	26	2.6	0.0
27/07/2023 19:50	1.6	346	25	2.4	0.0
27/07/2023 20:00	0.7	173	40	1.9	0.0
27/07/2023 20:10	0.9	178	39	2.0	0.0
27/07/2023 20:20	0.3	275	36	0.9	0.0
27/07/2023 20:30	0.9	244	14	1.6	0.0
27/07/2023 20:40	0.9	239	18	1.3	0.0
27/07/2023 20:50	0.9	261	17	1.4	0.0
27/07/2023 21:00	1.2	275	16	1.6	0.0
27/07/2023 21:10	0.2	273	19	0.7	0.0
27/07/2023 21:20	0.3	266	19	1.1	0.0
27/07/2023 21:30	0.1	114	2	0.6	0.0
27/07/2023 21:40	0.3	291	10	0.9	0.0
27/07/2023 21:50	0.4	269	17	1.3	0.0
27/07/2023 22:00	1.1	268	20	1.5	0.0
27/07/2023 22:10	1.8	254	14	2.8	0.0
27/07/2023 22:20	2.1	252	14	3.2	0.0
27/07/2023 22:30	2.2	253	12	3.0	0.0
27/07/2023 22:40	2.0	257	12	2.8	0.0
27/07/2023 22:50	2.3	262	13	3.2	0.0
27/07/2023 23:00	1.8	269	17	2.6	0.0
27/07/2023 23:10	1.6	278	14	2.4	0.0
27/07/2023 23:20	1.5	284	16	2.0	0.0
27/07/2023 23:30	1.7	274	19	2.5	0.0
27/07/2023 23:40	2.2	269	15	3.1	0.0
27/07/2023 23:50	2.3	262	14	3.1	0.0
28/07/2023 00:00	2.2	266	14	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 00:10	2.1	269	14	2.8	0.0
28/07/2023 00:20	1.8	276	18	2.6	0.0
28/07/2023 00:30	1.9	270	17	2.8	0.0
28/07/2023 00:40	1.6	272	17	2.4	0.0
28/07/2023 00:50	1.7	277	17	2.6	0.0
28/07/2023 01:00	1.7	280	17	2.6	0.0
28/07/2023 01:10	1.9	271	16	2.8	0.0
28/07/2023 01:20	2.0	271	16	2.7	0.0
28/07/2023 01:30	2.0	272	16	2.8	0.0
28/07/2023 01:40	1.8	267	14	2.5	0.0
28/07/2023 01:50	1.3	254	14	2.0	0.0
28/07/2023 02:00	1.5	262	12	2.1	0.0
28/07/2023 02:10	1.2	262	13	1.5	0.0
28/07/2023 02:20	1.1	268	14	1.5	0.0
28/07/2023 02:30	1.0	262	14	1.5	0.0
28/07/2023 02:40	0.7	274	18	1.4	0.0
28/07/2023 02:50	0.0	293	0	0.4	0.0
28/07/2023 03:00	0.0	298	0	0.4	0.0
28/07/2023 03:10					0.0
28/07/2023 03:20	0.4	55	10	0.9	0.0
28/07/2023 03:30	0.5	353	12	0.9	0.0
28/07/2023 03:40	0.4	353	9	0.8	0.0
28/07/2023 03:50	0.5	32	18	1.1	0.0
28/07/2023 04:00	0.1	180	9	0.6	0.0
28/07/2023 04:10	0.4	337	10	0.8	0.0
28/07/2023 04:20	0.9	250	21	1.2	0.0
28/07/2023 04:30	0.1	297	7	0.8	0.0
28/07/2023 04:40	0.8	351	10	1.2	0.0
28/07/2023 04:50	0.7	4	15	1.0	0.0
28/07/2023 05:00	0.6	32	13	1.0	0.0
28/07/2023 05:10	0.5	39	18	0.9	0.0
28/07/2023 05:20	0.5	40	13	1.0	0.0
28/07/2023 05:30	1.0	48	19	1.8	0.0
28/07/2023 05:40	0.2	62	20	1.0	0.0
28/07/2023 05:50	0.1	40	9	0.6	0.0
28/07/2023 06:00	0.1	37	12	0.8	0.0
28/07/2023 06:10	0.1	25	13	0.6	0.0
28/07/2023 06:20	0.0	30	6	0.4	0.0
28/07/2023 06:30	0.1	32	13	0.6	0.0
28/07/2023 06:40	0.0	18	6	0.4	0.0
28/07/2023 06:50					0.0
28/07/2023 07:00	0.1	55	22	0.6	0.0
28/07/2023 07:10	0.1	65	8	0.7	0.0
28/07/2023 07:20	0.1	98	11	0.7	0.0
28/07/2023 07:30	0.3	82	18	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 07:40	0.3	99	18	1.1	0.0
28/07/2023 07:50	0.7	113	24	1.6	0.0
28/07/2023 08:00	1.1	117	26	1.7	0.0
28/07/2023 08:10	1.3	114	30	2.9	0.0
28/07/2023 08:20	1.5	109	27	2.7	0.0
28/07/2023 08:30	1.6	121	32	2.8	0.0
28/07/2023 08:40	1.7	135	30	2.6	0.0
28/07/2023 08:50	1.7	125	28	3.0	0.0
28/07/2023 09:00	1.6	130	31	2.9	0.0
28/07/2023 09:10	1.8	117	33	3.6	0.0
28/07/2023 09:20	2.3	109	33	3.5	0.0
28/07/2023 09:30	3.0	120	29	4.8	0.0
28/07/2023 09:40	2.6	106	28	4.4	0.0
28/07/2023 09:50	2.5	97	31	3.9	0.0
28/07/2023 10:00	2.6	95	26	4.4	0.0
28/07/2023 10:10	2.6	102	31	4.1	0.0
28/07/2023 10:20	2.5	97	28	3.9	0.0
28/07/2023 10:30	2.3	88	31	3.7	0.0
28/07/2023 10:40	2.7	87	27	4.3	0.0
28/07/2023 10:50	2.8	93	29	4.4	0.0
28/07/2023 11:00	2.2	95	38	3.7	0.0
28/07/2023 11:10	2.3	88	30	3.9	0.0
28/07/2023 11:20	2.3	82	26	3.8	0.0
28/07/2023 11:30	2.0	73	29	3.1	0.0
28/07/2023 11:40	2.2	66	25	4.1	0.0
28/07/2023 11:50	2.3	62	23	3.5	0.0
28/07/2023 12:00	2.4	70	24	4.0	0.0
28/07/2023 12:10	2.7	64	28	4.4	0.0
28/07/2023 12:20	2.6	61	25	4.4	0.0
28/07/2023 12:30	2.5	58	26	4.2	0.0
28/07/2023 12:40	2.7	60	24	5.2	0.0
28/07/2023 12:50	2.7	61	22	4.2	0.0
28/07/2023 13:00	2.7	60	23	4.4	0.0
28/07/2023 13:10	2.5	63	23	4.5	0.0
28/07/2023 13:20	2.7	63	22	4.1	0.0
28/07/2023 13:30	2.7	59	22	4.4	0.0
28/07/2023 13:40	2.5	61	25	3.6	0.0
28/07/2023 13:50	2.6	64	22	4.6	0.0
28/07/2023 14:00	2.3	60	27	3.8	0.0
28/07/2023 14:10	2.4	64	28	4.5	0.0
28/07/2023 14:20	2.5	64	23	4.2	0.0
28/07/2023 14:30	2.3	62	27	3.3	0.0
28/07/2023 14:40	2.6	56	21	4.2	0.0
28/07/2023 14:50	2.1	66	26	3.8	0.0
28/07/2023 15:00	2.3	51	24	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 15:10	2.3	49	22	3.5	0.0
28/07/2023 15:20	2.1	54	24	3.2	0.0
28/07/2023 15:30	2.0	61	24	3.0	0.0
28/07/2023 15:40	2.0	53	23	3.1	0.0
28/07/2023 15:50	2.0	53	21	3.2	0.0
28/07/2023 16:00	2.0	56	22	3.1	0.0
28/07/2023 16:10	1.8	68	23	2.8	0.0
28/07/2023 16:20	1.6	60	23	2.4	0.0
28/07/2023 16:30	2.0	47	19	3.1	0.0
28/07/2023 16:40	1.6	48	19	2.7	0.0
28/07/2023 16:50	1.3	48	23	2.4	0.0
28/07/2023 17:00	1.1	42	28	1.7	0.0
28/07/2023 17:10	0.7	52	20	1.2	0.0
28/07/2023 17:20	0.4	48	24	1.0	0.0
28/07/2023 17:30	0.5	195	23	1.1	0.0
28/07/2023 17:40	0.8	347	30	1.6	0.0
28/07/2023 17:50	1.1	340	23	1.7	0.0
28/07/2023 18:00	1.1	316	25	1.6	0.0
28/07/2023 18:10	1.1	331	30	2.1	0.0
28/07/2023 18:20	1.1	327	28	1.9	0.0
28/07/2023 18:30	1.2	336	23	2.2	0.0
28/07/2023 18:40	0.9	335	23	1.7	0.0
28/07/2023 18:50	1.0	342	24	1.6	0.0
28/07/2023 19:00	1.4	345	16	2.0	0.0
28/07/2023 19:10	0.8	327	32	1.5	0.0
28/07/2023 19:20	0.9	347	29	1.6	0.0
28/07/2023 19:30	0.7	12	33	1.5	0.0
28/07/2023 19:40	0.4	175	27	1.0	0.0
28/07/2023 19:50	0.3	259	14	0.7	0.0
28/07/2023 20:00	0.1	109	6	0.6	0.0
28/07/2023 20:10	0.3	17	13	0.9	0.0
28/07/2023 20:20	0.7	20	17	1.4	0.0
28/07/2023 20:30	0.0	236	0	0.4	0.0
28/07/2023 20:40	0.2	210	22	1.4	0.0
28/07/2023 20:50	1.5	239	17	2.2	0.0
28/07/2023 21:00	1.8	260	13	2.5	0.0
28/07/2023 21:10	1.7	262	13	2.4	0.0
28/07/2023 21:20	1.2	269	15	1.6	0.0
28/07/2023 21:30	1.1	230	39	1.6	0.0
28/07/2023 21:40	1.0	318	25	1.6	0.0
28/07/2023 21:50	1.1	287	23	1.9	0.0
28/07/2023 22:00	1.9	255	15	2.6	0.0
28/07/2023 22:10	1.4	255	14	2.2	0.0
28/07/2023 22:20	1.8	253	14	2.8	0.0
28/07/2023 22:30	1.8	256	13	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 22:40	1.9	251	17	2.7	0.0
28/07/2023 22:50	2.0	262	16	3.0	0.0
28/07/2023 23:00	1.5	268	16	2.4	0.0
28/07/2023 23:10	2.0	247	16	2.7	0.0
28/07/2023 23:20	1.6	277	17	2.4	0.0
28/07/2023 23:30	1.6	243	23	2.3	0.0
28/07/2023 23:40	1.4	253	25	2.4	0.0
28/07/2023 23:50	1.8	254	16	2.4	0.0
29/07/2023 00:00	1.8	254	17	2.4	0.0
29/07/2023 00:10	0.8	228	28	1.6	0.0
29/07/2023 00:20	1.1	261	17	1.9	0.0
29/07/2023 00:30	1.1	253	28	2.0	0.0
29/07/2023 00:40	1.7	260	13	2.4	0.0
29/07/2023 00:50	1.4	253	24	2.5	0.0
29/07/2023 01:00	1.3	258	32	2.5	0.0
29/07/2023 01:10	1.9	255	16	2.8	0.0
29/07/2023 01:20	0.8	206	42	1.5	0.0
29/07/2023 01:30	1.1	279	23	1.8	0.0
29/07/2023 01:40	1.1	175	32	1.6	0.0
29/07/2023 01:50	1.2	274	23	1.9	0.0
29/07/2023 02:00	1.3	252	17	2.0	0.0
29/07/2023 02:10	1.3	254	10	1.7	0.0
29/07/2023 02:20	0.7	191	35	1.3	0.0
29/07/2023 02:30	1.4	261	13	2.0	0.0
29/07/2023 02:40	1.4	254	15	2.1	0.0
29/07/2023 02:50	1.1	270	19	1.7	0.0
29/07/2023 03:00	0.6	261	20	1.3	0.0
29/07/2023 03:10	0.4	344	10	0.8	0.0
29/07/2023 03:20	0.6	298	18	1.2	0.0
29/07/2023 03:30	0.8	188	20	1.4	0.0
29/07/2023 03:40	0.6	355	33	1.2	0.0
29/07/2023 03:50	0.9	342	16	1.2	0.0
29/07/2023 04:00	0.4	154	37	1.3	0.0
29/07/2023 04:10	0.8	348	19	1.3	0.0
29/07/2023 04:20	0.1	222	28	0.8	0.0
29/07/2023 04:30	0.7	140	33	1.5	0.0
29/07/2023 04:40	0.4	158	32	1.3	0.0
29/07/2023 04:50	0.2	73	36	0.8	0.0
29/07/2023 05:00	0.8	113	32	1.3	0.0
29/07/2023 05:10	0.5	189	40	1.1	0.0
29/07/2023 05:20	0.5	160	34	1.2	0.0
29/07/2023 05:30	0.4	95	35	1.3	0.0
29/07/2023 05:40	0.4	204	37	1.2	0.0
29/07/2023 05:50	0.6	186	28	1.6	0.0
29/07/2023 06:00	0.2	265	35	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 06:10	0.2	139	38	0.7	0.0
29/07/2023 06:20	0.9	157	32	2.4	0.0
29/07/2023 06:30	0.3	132	17	0.8	0.0
29/07/2023 06:40	0.9	193	33	1.8	0.0
29/07/2023 06:50	0.4	173	34	1.5	0.0
29/07/2023 07:00	1.2	215	18	1.9	0.0
29/07/2023 07:10	0.7	198	14	1.5	0.0
29/07/2023 07:20	0.7	129	40	2.0	0.0
29/07/2023 07:30	0.7	123	31	2.0	0.0
29/07/2023 07:40	0.9	125	38	2.0	0.0
29/07/2023 07:50	1.1	133	30	1.7	0.0
29/07/2023 08:00	1.5	123	24	2.3	0.0
29/07/2023 08:10	1.4	121	30	2.6	0.0
29/07/2023 08:20	1.6	117	29	2.7	0.0
29/07/2023 08:30	1.6	100	27	2.5	0.0
29/07/2023 08:40	1.6	107	33	2.8	0.0
29/07/2023 08:50	1.7	107	32	2.8	0.0
29/07/2023 09:00	1.7	104	33	2.8	0.0
29/07/2023 09:10	1.9	98	29	2.9	0.0
29/07/2023 09:20	2.1	100	26	3.6	0.0
29/07/2023 09:30	2.1	99	30	3.2	0.0
29/07/2023 09:40	1.9	119	30	3.0	0.0
29/07/2023 09:50	1.9	117	34	3.0	0.0
29/07/2023 10:00	1.9	119	26	3.3	0.0
29/07/2023 10:10	1.8	121	32	2.8	0.0
29/07/2023 10:20	1.9	106	32	3.6	0.0
29/07/2023 10:30	2.2	101	33	3.3	0.0
29/07/2023 10:40	2.0	101	30	3.2	0.0
29/07/2023 10:50	2.3	94	26	3.6	0.0
29/07/2023 11:00	2.4	87	23	4.0	0.0
29/07/2023 11:10	2.0	98	30	3.4	0.0
29/07/2023 11:20	2.1	83	29	3.5	0.0
29/07/2023 11:30	2.5	78	23	4.1	0.0
29/07/2023 11:40	2.2	72	25	3.3	0.0
29/07/2023 11:50	2.3	65	26	3.6	0.0
29/07/2023 12:00	2.4	66	21	4.0	0.0
29/07/2023 12:10	2.2	68	26	3.6	0.0
29/07/2023 12:20	2.4	62	24	4.0	0.0
29/07/2023 12:30	2.5	56	22	3.9	0.0
29/07/2023 12:40	2.8	53	23	4.5	0.0
29/07/2023 12:50	3.0	60	24	5.2	0.0
29/07/2023 13:00	2.6	55	23	4.3	0.0
29/07/2023 13:10	2.9	56	21	4.4	0.0
29/07/2023 13:20	2.6	58	25	4.4	0.0
29/07/2023 13:30	2.5	66	21	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 13:40	2.6	54	24	4.4	0.0
29/07/2023 13:50	2.5	66	23	4.1	0.0
29/07/2023 14:00	2.8	62	22	4.2	0.0
29/07/2023 14:10	2.5	54	23	4.1	0.0
29/07/2023 14:20	2.7	51	21	4.1	0.0
29/07/2023 14:30	2.7	50	21	4.0	0.0
29/07/2023 14:40	2.2	61	22	3.6	0.0
29/07/2023 14:50	2.3	58	22	4.0	0.0
29/07/2023 15:00	2.3	55	22	3.9	0.0
29/07/2023 15:10	2.0	60	25	3.5	0.0
29/07/2023 15:20	2.2	60	22	3.3	0.0
29/07/2023 15:30	1.9	61	22	3.2	0.0
29/07/2023 15:40	1.8	68	21	2.8	0.0
29/07/2023 15:50	1.7	69	21	2.8	0.0
29/07/2023 16:00	1.4	66	20	2.4	0.0
29/07/2023 16:10	1.3	56	25	2.0	0.0
29/07/2023 16:20	1.6	199	25	2.9	0.0
29/07/2023 16:30	1.7	186	28	2.5	0.0
29/07/2023 16:40	1.9	6	29	3.2	0.0
29/07/2023 16:50	1.7	185	24	2.8	0.0
29/07/2023 17:00	2.0	8	26	3.2	0.0
29/07/2023 17:10	2.0	175	24	3.2	0.0
29/07/2023 17:20	2.0	181	26	3.1	0.0
29/07/2023 17:30	1.8	171	24	3.1	0.0
29/07/2023 17:40	1.8	346	23	2.8	0.0
29/07/2023 17:50	2.1	339	17	3.2	0.0
29/07/2023 18:00	2.1	340	22	3.2	0.0
29/07/2023 18:10	2.1	342	21	3.2	0.0
29/07/2023 18:20	2.8	342	15	3.6	0.0
29/07/2023 18:30	2.5	343	17	3.3	0.0
29/07/2023 18:40	1.7	347	27	2.8	0.0
29/07/2023 18:50	1.5	340	27	2.8	0.0
29/07/2023 19:00	1.9	322	58	3.1	0.0
29/07/2023 19:10	2.9	239	22	4.8	0.0
29/07/2023 19:20	0.9	126	42	2.1	0.0
29/07/2023 19:30	2.2	294	29	3.7	0.0
29/07/2023 19:40	2.2	262	22	3.8	0.0
29/07/2023 19:50	1.6	251	29	2.6	0.0
29/07/2023 20:00	2.0	261	19	3.0	0.0
29/07/2023 20:10	2.2	267	15	3.2	0.0
29/07/2023 20:20	1.7	279	15	2.4	0.0
29/07/2023 20:30	2.1	268	18	3.2	0.0
29/07/2023 20:40	1.6	269	35	2.4	0.0
29/07/2023 20:50	0.8	284	18	1.9	0.0
29/07/2023 21:00	1.0	260	25	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 21:10	1.0	281	22	1.9	0.0
29/07/2023 21:20	1.5	279	32	2.5	0.0
29/07/2023 21:30	1.7	289	28	2.6	0.0
29/07/2023 21:40	1.1	230	30	2.0	0.0
29/07/2023 21:50	1.1	232	21	2.0	0.0
29/07/2023 22:00	1.8	247	19	2.6	0.0
29/07/2023 22:10	2.2	275	15	3.2	0.0
29/07/2023 22:20	2.1	259	22	2.8	0.0
29/07/2023 22:30	2.1	264	14	3.0	0.0
29/07/2023 22:40	1.9	268	14	2.7	0.0
29/07/2023 22:50	1.9	249	26	2.8	0.0
29/07/2023 23:00	2.2	247	19	2.9	0.0
29/07/2023 23:10	2.1	250	20	2.9	0.0
29/07/2023 23:20	2.3	268	17	3.5	0.0
29/07/2023 23:30	2.3	267	18	3.3	0.0
29/07/2023 23:40	2.1	270	14	2.8	0.0
29/07/2023 23:50	2.1	263	15	2.8	0.0
30/07/2023 00:00	1.8	264	16	2.4	0.0
30/07/2023 00:10	1.8	265	20	2.9	0.0
30/07/2023 00:20	2.3	264	15	3.1	0.0
30/07/2023 00:30	2.0	266	15	3.0	0.0
30/07/2023 00:40	2.2	264	16	3.1	0.0
30/07/2023 00:50	1.9	270	15	2.7	0.0
30/07/2023 01:00	2.1	266	16	3.0	0.0
30/07/2023 01:10	2.1	265	15	2.8	0.0
30/07/2023 01:20	1.6	252	13	2.4	0.0
30/07/2023 01:30	2.0	262	15	3.1	0.0
30/07/2023 01:40	1.8	255	15	2.4	0.0
30/07/2023 01:50	1.9	252	14	2.8	0.0
30/07/2023 02:00	2.1	250	17	2.9	0.0
30/07/2023 02:10	1.9	253	16	2.7	0.0
30/07/2023 02:20	2.1	250	13	3.0	0.0
30/07/2023 02:30	1.9	245	15	2.6	0.0
30/07/2023 02:40	1.4	237	29	2.4	0.0
30/07/2023 02:50	1.1	197	38	2.6	0.0
30/07/2023 03:00	1.0	188	33	2.6	0.0
30/07/2023 03:10	1.2	171	25	2.6	0.0
30/07/2023 03:20	1.0	169	34	1.6	0.0
30/07/2023 03:30	0.5	185	34	1.6	0.0
30/07/2023 03:40	0.9	118	56	2.4	0.0
30/07/2023 03:50	0.7	98	50	1.6	0.0
30/07/2023 04:00	0.7	121	40	1.5	0.0
30/07/2023 04:10	0.1	257	17	0.7	0.0
30/07/2023 04:20	0.1	163	23	0.4	0.0
30/07/2023 04:30	0.7	22	21	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 04:40	0.7	23	23	1.2	0.0
30/07/2023 04:50	0.9	29	22	1.3	0.0
30/07/2023 05:00	0.5	39	21	0.9	0.0
30/07/2023 05:10	0.5	40	30	0.8	0.0
30/07/2023 05:20	0.5	52	12	1.0	0.0
30/07/2023 05:30	0.5	31	20	1.1	0.0
30/07/2023 05:40	0.1	37	10	0.5	0.0
30/07/2023 05:50	0.8	36	21	1.3	0.0
30/07/2023 06:00	0.6	44	23	1.1	0.0
30/07/2023 06:10	0.4	39	23	0.8	0.0
30/07/2023 06:20	0.6	43	24	1.0	0.0
30/07/2023 06:30	0.8	45	25	1.3	0.0
30/07/2023 06:40	1.2	49	25	2.4	0.0
30/07/2023 06:50	0.9	66	29	1.4	0.0
30/07/2023 07:00	0.6	45	32	1.1	0.0
30/07/2023 07:10	0.4	56	25	0.9	0.0
30/07/2023 07:20	0.2	52	20	0.9	0.0
30/07/2023 07:30	0.2	51	22	0.8	0.0
30/07/2023 07:40	0.7	83	21	1.2	0.0
30/07/2023 07:50	1.0	87	25	1.4	0.0
30/07/2023 08:00	0.9	101	33	1.8	0.0
30/07/2023 08:10	1.2	99	33	2.4	0.0
30/07/2023 08:20	1.1	107	29	1.6	0.0
30/07/2023 08:30	1.2	105	34	2.0	0.0
30/07/2023 08:40	1.5	106	28	2.8	0.0
30/07/2023 08:50	1.7	95	30	2.8	0.0
30/07/2023 09:00	1.4	96	35	2.4	0.0
30/07/2023 09:10	1.5	85	33	2.8	0.0
30/07/2023 09:20	1.7	105	33	3.3	0.0
30/07/2023 09:30	1.7	86	24	3.2	0.0
30/07/2023 09:40	1.7	103	33	2.8	0.0
30/07/2023 09:50	2.0	96	29	3.5	0.0
30/07/2023 10:00	1.9	100	34	3.8	0.0
30/07/2023 10:10	1.9	105	32	3.3	0.0
30/07/2023 10:20	2.1	115	30	3.6	0.0
30/07/2023 10:30	2.6	101	27	5.2	0.0
30/07/2023 10:40	2.3	114	32	3.9	0.0
30/07/2023 10:50	2.2	107	34	4.4	0.0
30/07/2023 11:00	2.2	95	32	4.1	0.0
30/07/2023 11:10	2.1	111	30	3.3	0.0
30/07/2023 11:20	2.2	99	29	3.6	0.0
30/07/2023 11:30	2.1	102	37	3.9	0.0
30/07/2023 11:40	2.0	113	31	3.6	0.0
30/07/2023 11:50	2.0	99	32	3.6	0.0
30/07/2023 12:00	2.3	88	25	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 12:10	2.4	87	23	4.0	0.0
30/07/2023 12:20	2.2	92	28	3.4	0.0
30/07/2023 12:30	2.0	81	28	3.4	0.0
30/07/2023 12:40	2.3	82	24	3.9	0.0
30/07/2023 12:50	2.3	66	24	3.9	0.0
30/07/2023 13:00	2.4	59	22	3.9	0.0
30/07/2023 13:10	2.5	56	22	3.8	0.0
30/07/2023 13:20	2.9	67	26	4.3	0.0
30/07/2023 13:30	2.4	65	22	3.6	0.0
30/07/2023 13:40	2.4	57	30	4.2	0.0
30/07/2023 13:50	2.7	47	22	4.4	0.0
30/07/2023 14:00	2.8	55	25	4.1	0.0
30/07/2023 14:10	2.4	63	23	3.7	0.0
30/07/2023 14:20	2.6	57	25	4.0	0.0
30/07/2023 14:30	2.7	57	22	4.4	0.0
30/07/2023 14:40	2.5	61	23	3.9	0.0
30/07/2023 14:50	2.4	69	23	3.6	0.0
30/07/2023 15:00	2.0	58	22	3.2	0.0
30/07/2023 15:10	2.2	57	25	3.4	0.0
30/07/2023 15:20	1.8	68	25	2.8	0.0
30/07/2023 15:30	1.9	53	22	3.0	0.0
30/07/2023 15:40	1.3	60	29	2.0	0.0
30/07/2023 15:50	1.5	97	35	2.4	0.0
30/07/2023 16:00	1.4	110	40	2.6	0.0
30/07/2023 16:10	1.5	85	33	2.2	0.0
30/07/2023 16:20	1.7	42	21	2.8	0.0
30/07/2023 16:30	1.8	45	20	3.0	0.0
30/07/2023 16:40	1.8	49	21	2.7	0.0
30/07/2023 16:50	1.8	49	19	2.5	0.0
30/07/2023 17:00	1.6	49	15	2.7	0.0
30/07/2023 17:10	1.6	47	17	2.4	0.0
30/07/2023 17:20	1.3	42	15	2.0	0.0
30/07/2023 17:30	1.2	30	16	1.6	0.0
30/07/2023 17:40	1.1	25	17	1.5	0.0
30/07/2023 17:50	0.9	25	14	1.2	0.0
30/07/2023 18:00	0.8	21	18	1.2	0.0
30/07/2023 18:10	0.8	11	16	1.2	0.0
30/07/2023 18:20	0.9	358	23	1.7	0.0
30/07/2023 18:30	1.7	339	17	2.5	0.0
30/07/2023 18:40	1.6	327	22	2.7	0.0
30/07/2023 18:50	1.7	329	20	2.9	0.0
30/07/2023 19:00	1.7	328	21	2.8	0.0
30/07/2023 19:10	1.8	337	20	2.5	0.0
30/07/2023 19:20	1.6	329	21	2.3	0.0
30/07/2023 19:30	0.9	297	43	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 19:40	0.7	258	18	1.3	0.0
30/07/2023 19:50	0.8	308	23	1.5	0.0
30/07/2023 20:00	1.6	252	14	2.4	0.0
30/07/2023 20:10	1.2	249	17	2.0	0.0
30/07/2023 20:20	1.6	246	13	2.2	0.0
30/07/2023 20:30	1.6	253	12	2.5	0.0
30/07/2023 20:40	1.9	254	13	2.4	0.0
30/07/2023 20:50	2.0	261	15	2.8	0.0
30/07/2023 21:00	2.3	260	15	3.2	0.0
30/07/2023 21:10	1.9	267	16	2.7	0.0
30/07/2023 21:20	1.8	265	17	2.8	0.0
30/07/2023 21:30	2.1	272	17	3.1	0.0
30/07/2023 21:40	2.1	274	18	3.2	0.0
30/07/2023 21:50	2.1	278	19	3.3	0.0
30/07/2023 22:00	1.5	248	55	2.5	0.0
30/07/2023 22:10	1.6	257	29	2.8	0.0
30/07/2023 22:20	2.1	259	14	2.9	0.0
30/07/2023 22:30	2.6	261	14	3.7	0.0
30/07/2023 22:40	2.3	265	13	3.2	0.0
30/07/2023 22:50	2.3	268	16	3.5	0.0
30/07/2023 23:00	2.6	270	15	3.5	0.0
30/07/2023 23:10	2.5	270	16	3.5	0.0
30/07/2023 23:20	2.3	268	16	3.5	0.0
30/07/2023 23:30	2.5	264	19	3.3	0.0
30/07/2023 23:40	2.5	261	17	3.5	0.0
30/07/2023 23:50	2.4	265	16	3.5	0.0
31/07/2023 00:00	2.4	265	15	3.6	0.0
31/07/2023 00:10	2.4	265	17	3.6	0.0
31/07/2023 00:20	2.3	265	17	3.4	0.0
31/07/2023 00:30	2.3	267	14	3.3	0.0
31/07/2023 00:40	2.5	263	14	3.5	0.0
31/07/2023 00:50	2.5	255	18	3.2	0.0
31/07/2023 01:00	2.4	252	15	3.3	0.0
31/07/2023 01:10	1.9	255	16	3.0	0.0
31/07/2023 01:20	1.6	237	21	2.8	0.0
31/07/2023 01:30	1.2	250	20	2.0	0.0
31/07/2023 01:40	1.0	259	20	1.6	0.0
31/07/2023 01:50	0.8	79	34	1.9	0.0
31/07/2023 02:00	0.7	10	53	1.2	0.0
31/07/2023 02:10	0.3	64	20	0.9	0.0
31/07/2023 02:20	0.4	15	26	0.8	0.0
31/07/2023 02:30	0.7	176	14	1.0	0.0
31/07/2023 02:40	0.7	9	16	1.1	0.0
31/07/2023 02:50	0.2	15	16	0.7	0.0
31/07/2023 03:00	0.4	33	14	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 03:10	0.8	24	24	1.4	0.0
31/07/2023 03:20	0.8	19	18	1.3	0.0
31/07/2023 03:30	0.5	21	20	1.0	0.0
31/07/2023 03:40	0.4	16	21	1.1	0.0
31/07/2023 03:50	0.7	18	20	1.0	0.0
31/07/2023 04:00	0.6	32	18	1.0	0.0
31/07/2023 04:10	0.6	41	24	1.1	0.0
31/07/2023 04:20	0.7	31	20	1.1	0.0
31/07/2023 04:30	0.9	41	20	1.5	0.0
31/07/2023 04:40	0.7	43	20	1.4	0.0
31/07/2023 04:50	0.7	31	24	1.1	0.0
31/07/2023 05:00	0.9	43	20	1.4	0.0
31/07/2023 05:10	0.6	50	28	1.0	0.0
31/07/2023 05:20	0.4	49	17	1.1	0.0
31/07/2023 05:30	0.6	40	33	1.3	0.0
31/07/2023 05:40	0.2	20	19	0.7	0.0
31/07/2023 05:50	0.2	51	13	0.8	0.0
31/07/2023 06:00	0.5	42	31	1.2	0.0
31/07/2023 06:10	0.4	53	30	1.0	0.0
31/07/2023 06:20	0.1	46	16	0.7	0.0
31/07/2023 06:30	0.2	40	28	0.8	0.0
31/07/2023 06:40	0.3	44	21	0.8	0.0
31/07/2023 06:50	0.5	52	21	0.9	0.0
31/07/2023 07:00	0.0	55	9	0.4	0.0
31/07/2023 07:10	0.0	34	5	0.4	0.0
31/07/2023 07:20	0.2	53	15	0.8	0.0
31/07/2023 07:30	0.2	70	18	0.8	0.0
31/07/2023 07:40	0.5	79	14	1.2	0.0
31/07/2023 07:50	0.7	96	27	1.1	0.0
31/07/2023 08:00	0.9	108	35	1.7	0.0
31/07/2023 08:10	1.2	106	30	1.9	0.0
31/07/2023 08:20	1.3	109	32	2.4	0.0
31/07/2023 08:30	1.2	110	27	2.1	0.0
31/07/2023 08:40	1.4	102	34	2.2	0.0
31/07/2023 08:50	1.4	101	32	2.6	0.0
31/07/2023 09:00	1.7	100	39	2.9	0.0
31/07/2023 09:10	2.0	103	35	3.1	0.0
31/07/2023 09:20	1.9	123	28	3.2	0.0
31/07/2023 09:30	2.0	112	27	3.2	0.0
31/07/2023 09:40	1.9	116	32	3.3	0.0
31/07/2023 09:50	1.9	105	28	3.0	0.0
31/07/2023 10:00	2.1	103	37	3.2	0.0
31/07/2023 10:10	2.5	110	31	4.1	0.0
31/07/2023 10:20	2.5	104	31	4.9	0.0
31/07/2023 10:30	2.7	99	29	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 10:40	2.7	93	29	4.9	0.0
31/07/2023 10:50	2.6	90	25	4.7	0.0
31/07/2023 11:00	2.4	102	34	4.3	0.0
31/07/2023 11:10	2.7	87	23	4.5	0.0
31/07/2023 11:20	2.6	97	30	4.9	0.0
31/07/2023 11:30	2.3	96	28	3.7	0.0
31/07/2023 11:40	2.2	88	30	4.4	0.0
31/07/2023 11:50	2.7	88	22	4.5	0.0
31/07/2023 12:00	2.8	80	21	4.0	0.0
31/07/2023 12:10	2.7	75	25	4.9	0.0
31/07/2023 12:20	2.7	61	25	4.4	0.0
31/07/2023 12:30	2.9	68	23	4.8	0.0
31/07/2023 12:40	3.0	53	23	4.6	0.0
31/07/2023 12:50	2.9	58	22	4.5	0.0
31/07/2023 13:00	3.2	53	24	5.8	0.0
31/07/2023 13:10	3.1	55	22	5.6	0.0
31/07/2023 13:20	2.9	58	22	5.0	0.0
31/07/2023 13:30	3.2	50	25	5.7	0.0
31/07/2023 13:40	3.0	57	23	4.8	0.0
31/07/2023 13:50	3.0	59	23	5.3	0.0
31/07/2023 14:00	2.8	58	26	4.2	0.0
31/07/2023 14:10	3.2	60	26	4.8	0.0
31/07/2023 14:20	2.9	55	25	5.2	0.0
31/07/2023 14:30	2.9	58	24	5.2	0.0
31/07/2023 14:40	2.8	59	25	5.6	0.0
31/07/2023 14:50	2.5	55	23	4.4	0.0
31/07/2023 15:00	2.3	59	21	3.8	0.0
31/07/2023 15:10	2.2	53	21	4.0	0.0
31/07/2023 15:20	2.5	51	21	4.4	0.0
31/07/2023 15:30	2.1	55	25	3.4	0.0
31/07/2023 15:40	2.3	57	22	3.5	0.0
31/07/2023 15:50	2.3	46	20	3.8	0.0
31/07/2023 16:00	2.4	47	22	4.0	0.0
31/07/2023 16:10	2.2	47	22	3.5	0.0
31/07/2023 16:20	2.2	43	19	3.7	0.0
31/07/2023 16:30	2.0	42	18	3.4	0.0
31/07/2023 16:40	1.8	43	22	2.8	0.0
31/07/2023 16:50	1.7	45	18	2.4	0.0
31/07/2023 17:00	1.6	40	19	2.5	0.0
31/07/2023 17:10	1.3	43	19	2.1	0.0
31/07/2023 17:20	0.9	48	17	1.5	0.0
31/07/2023 17:30	1.0	41	18	1.5	0.0
31/07/2023 17:40	0.3	84	20	0.9	0.0
31/07/2023 17:50	0.5	232	14	1.1	0.0
31/07/2023 18:00	0.1	218	4	0.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 18:10	0.0	57	0	0.4	0.0
31/07/2023 18:20	0.1	40	4	0.6	0.0
31/07/2023 18:30	0.6	35	10	0.9	0.0
31/07/2023 18:40	0.8	20	15	1.1	0.0
31/07/2023 18:50	0.6	20	14	0.9	0.0
31/07/2023 19:00	0.4	14	10	0.8	0.0
31/07/2023 19:10	0.6	11	16	0.9	0.0
31/07/2023 19:20	0.5	8	15	1.0	0.0
31/07/2023 19:30	0.6	184	17	0.9	0.0
31/07/2023 19:40	0.3	352	11	0.8	0.0
31/07/2023 19:50	0.4	357	20	1.2	0.0
31/07/2023 20:00	0.4	189	11	0.9	0.0
31/07/2023 20:10	1.0	341	12	1.2	0.0
31/07/2023 20:20	0.9	347	16	1.2	0.0
31/07/2023 20:30	0.9	348	15	1.3	0.0
31/07/2023 20:40	0.8	175	23	1.3	0.0
31/07/2023 20:50	1.1	350	16	1.4	0.0
31/07/2023 21:00	0.8	354	20	1.4	0.0
31/07/2023 21:10	0.9	5	15	1.3	0.0
31/07/2023 21:20	0.5	191	21	0.9	0.0
31/07/2023 21:30	0.1	13	5	0.8	0.0
31/07/2023 21:40	0.1	258	11	0.6	0.0
31/07/2023 21:50					0.0
31/07/2023 22:00	0.6	334	13	1.5	0.0
31/07/2023 22:10	0.8	248	16	1.5	0.0
31/07/2023 22:20	0.7	301	23	1.2	0.0
31/07/2023 22:30	1.0	327	8	1.4	0.0
31/07/2023 22:40	0.6	349	12	1.1	0.0
31/07/2023 22:50	0.2	271	32	0.8	0.0
31/07/2023 23:00	0.2	345	5	0.8	0.0
31/07/2023 23:10	0.3	343	10	1.2	0.0
31/07/2023 23:20	0.7	348	19	1.2	0.0
31/07/2023 23:30	0.9	347	13	1.4	0.0
31/07/2023 23:40	1.3	340	9	1.6	0.0
31/07/2023 23:50	1.3	341	7	1.6	0.0
01/08/2023 00:00	1.6	329	8	1.9	0.0
01/08/2023 00:10	1.0	346	13	1.6	0.0
01/08/2023 00:20	0.0	348	2	0.5	0.0
01/08/2023 00:30	1.2	348	11	1.5	0.0
01/08/2023 00:40	0.9	356	12	1.3	0.0
01/08/2023 00:50	1.1	9	13	1.4	0.0
01/08/2023 01:00	1.1	11	13	1.4	0.0
01/08/2023 01:10	1.0	15	14	1.3	0.0
01/08/2023 01:20	1.0	9	13	1.2	0.0
01/08/2023 01:30	0.9	12	13	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 01:40	1.1	7	15	1.3	0.0
01/08/2023 01:50	1.1	180	16	1.4	0.0
01/08/2023 02:00	0.9	359	15	1.2	0.0
01/08/2023 02:10	0.9	351	11	1.3	0.0
01/08/2023 02:20	1.1	348	12	1.3	0.0
01/08/2023 02:30	0.8	353	12	1.1	0.0
01/08/2023 02:40	1.0	349	12	1.3	0.0
01/08/2023 02:50	1.0	351	14	1.2	0.0
01/08/2023 03:00	0.8	356	16	1.2	0.0
01/08/2023 03:10	0.8	181	17	1.2	0.0
01/08/2023 03:20	0.7	177	12	1.2	0.0
01/08/2023 03:30	0.8	5	12	1.4	0.0
01/08/2023 03:40	0.7	9	15	1.2	0.0
01/08/2023 03:50	1.0	19	15	1.4	0.0
01/08/2023 04:00	0.9	21	13	1.4	0.0
01/08/2023 04:10	0.9	30	14	1.2	0.0
01/08/2023 04:20	1.0	36	16	1.7	0.0
01/08/2023 04:30	1.1	38	17	1.8	0.0
01/08/2023 04:40	0.8	34	17	1.3	0.0
01/08/2023 04:50	0.9	29	16	1.3	0.0
01/08/2023 05:00	1.0	22	16	1.5	0.0
01/08/2023 05:10	1.0	25	17	1.6	0.0
01/08/2023 05:20	1.1	17	15	1.6	0.0
01/08/2023 05:30	0.9	23	15	1.2	0.0
01/08/2023 05:40	1.0	22	14	1.2	0.0
01/08/2023 05:50	0.9	25	17	1.4	0.0
01/08/2023 06:00	1.0	32	19	1.6	0.0
01/08/2023 06:10	0.8	30	20	1.1	0.0
01/08/2023 06:20	0.8	36	19	1.5	0.0
01/08/2023 06:30	0.9	29	20	1.5	0.0
01/08/2023 06:40	0.8	34	20	1.2	0.0
01/08/2023 06:50	0.9	43	19	1.4	0.0
01/08/2023 07:00	1.0	41	19	1.6	0.0
01/08/2023 07:10	0.8	40	20	1.4	0.0
01/08/2023 07:20	0.8	38	21	1.3	0.0
01/08/2023 07:30	0.8	44	18	1.3	0.0
01/08/2023 07:40	0.5	41	21	1.2	0.0
01/08/2023 07:50	0.8	54	21	1.2	0.0
01/08/2023 08:00	0.7	67	23	1.4	0.0
01/08/2023 08:10	1.7	84	20	3.1	0.0
01/08/2023 08:20	1.9	85	22	2.9	0.0
01/08/2023 08:30	2.1	87	24	3.6	0.0
01/08/2023 08:40	2.3	82	25	3.4	0.0
01/08/2023 08:50	2.4	82	20	3.8	0.0
01/08/2023 09:00	2.3	79	20	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 09:10	2.2	75	22	3.8	0.0
01/08/2023 09:20	2.4	81	22	3.6	0.0
01/08/2023 09:30	2.4	71	27	4.4	0.0
01/08/2023 09:40	2.2	74	23	3.9	0.0
01/08/2023 09:50	2.7	76	20	4.3	0.0
01/08/2023 10:00	2.4	79	24	3.8	0.0
01/08/2023 10:10	2.8	59	27	5.2	0.0
01/08/2023 10:20	2.5	69	23	4.4	0.0
01/08/2023 10:30	2.9	69	23	4.6	0.0
01/08/2023 10:40	2.9	60	23	5.7	0.0
01/08/2023 10:50	3.0	66	22	4.8	0.0
01/08/2023 11:00	2.7	67	23	4.5	0.0
01/08/2023 11:10	2.9	67	25	4.8	0.0
01/08/2023 11:20	3.0	63	24	5.0	0.0
01/08/2023 11:30	3.0	61	25	4.7	0.0
01/08/2023 11:40	3.0	66	22	4.9	0.0
01/08/2023 11:50	3.2	66	23	5.6	0.0
01/08/2023 12:00	3.2	69	22	5.2	0.0
01/08/2023 12:10	3.2	68	25	4.8	0.0
01/08/2023 12:20	2.9	63	25	4.9	0.0
01/08/2023 12:30	2.9	65	22	4.5	0.0
01/08/2023 12:40	2.8	59	22	4.5	0.0
01/08/2023 12:50	2.9	52	22	5.1	0.0
01/08/2023 13:00	3.1	52	19	5.0	0.0
01/08/2023 13:10	3.0	55	22	5.3	0.0
01/08/2023 13:20	3.1	56	24	5.1	0.0
01/08/2023 13:30	3.2	53	23	5.1	0.0
01/08/2023 13:40	3.0	59	24	4.9	0.0
01/08/2023 13:50	3.1	61	21	4.5	0.0
01/08/2023 14:00	2.9	65	24	4.7	0.0
01/08/2023 14:10	2.9	65	26	4.5	0.0
01/08/2023 14:20	2.9	69	20	4.7	0.0
01/08/2023 14:30	3.1	65	25	4.9	0.0
01/08/2023 14:40	3.1	62	24	5.2	0.0
01/08/2023 14:50	3.0	67	22	4.3	0.0
01/08/2023 15:00	2.9	59	22	4.7	0.0
01/08/2023 15:10	3.3	48	23	5.2	0.0
01/08/2023 15:20	3.1	46	18	4.9	0.0
01/08/2023 15:30	3.1	45	22	5.2	0.0
01/08/2023 15:40	3.2	43	23	5.5	0.0
01/08/2023 15:50	3.2	48	20	5.3	0.0
01/08/2023 16:00	2.5	50	22	4.0	0.0
01/08/2023 16:10	2.9	51	23	5.0	0.0
01/08/2023 16:20	2.7	47	20	4.4	0.0
01/08/2023 16:30	2.8	47	21	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/08/2023 16:40	2.6	48	17	4.3	0.0
01/08/2023 16:50	2.5	53	18	3.8	0.0
01/08/2023 17:00	2.8	42	21	4.7	0.0
01/08/2023 17:10	2.9	50	22	4.2	0.0
01/08/2023 17:20	2.3	48	18	3.4	0.0
01/08/2023 17:30	2.1	52	19	3.2	0.0
01/08/2023 17:40	1.8	47	20	2.8	0.0
01/08/2023 17:50	1.7	38	24	3.0	0.0
01/08/2023 18:00	1.8	50	20	2.7	0.0
01/08/2023 18:10	1.8	45	23	3.3	0.0
01/08/2023 18:20	1.3	47	27	2.4	0.0
01/08/2023 18:30	1.8	35	28	2.8	0.0
01/08/2023 18:40	1.8	34	24	3.2	0.0
01/08/2023 18:50	2.0	44	20	3.2	0.0
01/08/2023 19:00	1.7	32	24	3.2	0.0
01/08/2023 19:10	1.9	33	28	3.5	0.0
01/08/2023 19:20	1.5	36	34	2.8	0.0
01/08/2023 19:30	1.6	43	24	2.7	0.0
01/08/2023 19:40	1.2	48	39	2.3	0.0
01/08/2023 19:50	0.5	44	46	1.5	0.0
01/08/2023 20:00	1.2	35	40	2.0	0.0
01/08/2023 20:10	1.1	45	31	1.7	0.0
01/08/2023 20:20	1.3	34	27	2.7	0.0
01/08/2023 20:30	1.6	31	28	2.7	0.0
01/08/2023 20:40	1.2	40	40	2.0	0.0
01/08/2023 20:50	1.3	34	37	2.6	0.0
01/08/2023 21:00	1.2	338	46	2.7	0.0
01/08/2023 21:10	1.6	341	31	3.0	0.0
01/08/2023 21:20	0.9	166	49	1.7	0.0
01/08/2023 21:30	1.2	342	40	2.3	0.0
01/08/2023 21:40	1.4	176	40	3.1	0.0
01/08/2023 21:50	1.3	176	41	2.5	0.0
01/08/2023 22:00	0.5	357	49	1.7	0.0
01/08/2023 22:10	1.3	172	27	2.8	0.0
01/08/2023 22:20	2.1	338	35	3.6	0.0
01/08/2023 22:30	2.3	179	31	4.0	0.0
01/08/2023 22:40	1.6	172	33	2.8	0.0
01/08/2023 22:50	0.2	15	22	1.1	0.0
01/08/2023 23:00	0.7	38	42	1.8	0.0
01/08/2023 23:10	0.0	73	0	0.4	0.0
01/08/2023 23:20	0.6	45	9	1.1	0.0
01/08/2023 23:30	1.3	43	12	2.0	0.0
01/08/2023 23:40	1.1	43	18	1.9	0.0
01/08/2023 23:50	0.7	34	12	1.2	0.0
02/08/2023 00:00	0.8	64	14	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 00:10	0.6	133	27	1.7	0.0
02/08/2023 00:20	0.6	150	17	1.5	0.0
02/08/2023 00:30	0.4	221	18	1.2	0.0
02/08/2023 00:40	0.3	277	28	1.1	0.0
02/08/2023 00:50					0.0
02/08/2023 01:00	0.1	73	5	0.8	0.0
02/08/2023 01:10	0.4	97	34	1.0	0.0
02/08/2023 01:20					0.0
02/08/2023 01:30	0.2	234	27	0.8	0.0
02/08/2023 01:40					0.0
02/08/2023 01:50	0.1	223	4	0.4	0.0
02/08/2023 02:00	0.1	30	4	0.4	0.0
02/08/2023 02:10					0.0
02/08/2023 02:20	0.4	331	14	1.2	0.0
02/08/2023 02:30	1.1	332	29	2.4	0.0
02/08/2023 02:40	0.8	309	37	1.7	0.0
02/08/2023 02:50	0.1	292	16	0.8	0.0
02/08/2023 03:00	0.0	201	17	0.4	0.0
02/08/2023 03:10	0.0	165	0	0.4	0.0
02/08/2023 03:20	0.0	147	14	0.4	0.0
02/08/2023 03:30	0.0	218	3	0.6	0.0
02/08/2023 03:40	0.1	289	22	0.7	0.0
02/08/2023 03:50	0.5	348	26	1.6	0.0
02/08/2023 04:00	0.2	335	27	0.8	0.0
02/08/2023 04:10	0.0	317	3	0.4	0.0
02/08/2023 04:20	0.6	335	21	1.4	0.0
02/08/2023 04:30	0.5	339	22	1.2	0.0
02/08/2023 04:40	0.2	339	20	1.0	0.0
02/08/2023 04:50	0.3	184	24	1.2	0.0
02/08/2023 05:00	0.5	356	20	1.3	0.0
02/08/2023 05:10	0.3	6	24	1.2	0.0
02/08/2023 05:20	0.4	175	20	1.3	0.0
02/08/2023 05:30	0.5	26	24	1.4	0.0
02/08/2023 05:40	0.5	12	26	1.4	0.0
02/08/2023 05:50	0.9	187	29	1.8	0.0
02/08/2023 06:00	1.0	189	29	1.6	0.0
02/08/2023 06:10	1.2	26	23	2.0	0.0
02/08/2023 06:20	1.1	35	21	1.9	0.0
02/08/2023 06:30	0.7	34	23	1.5	0.0
02/08/2023 06:40	0.1	96	9	0.6	0.0
02/08/2023 06:50					0.0
02/08/2023 07:00					0.0
02/08/2023 07:10					0.0
02/08/2023 07:20	0.0	122	0	0.4	0.0
02/08/2023 07:30	0.5	242	5	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 07:40	0.4	238	5	1.1	0.0
02/08/2023 07:50	0.5	224	12	1.1	0.0
02/08/2023 08:00	0.0	154	0	0.4	0.0
02/08/2023 08:10	0.0	127	1	0.4	0.0
02/08/2023 08:20	0.0	107	0	0.4	0.0
02/08/2023 08:30	0.2	102	7	0.9	0.0
02/08/2023 08:40	0.3	112	16	0.9	0.0
02/08/2023 08:50	0.5	257	21	1.3	0.0
02/08/2023 09:00	1.1	347	29	2.0	0.0
02/08/2023 09:10	0.5	341	28	1.7	0.0
02/08/2023 09:20	1.2	327	36	2.1	0.0
02/08/2023 09:30	1.3	321	32	2.5	0.0
02/08/2023 09:40	1.6	326	24	2.6	0.0
02/08/2023 09:50	1.7	321	23	2.4	0.0
02/08/2023 10:00	1.4	318	37	2.4	0.0
02/08/2023 10:10	1.5	333	26	2.4	0.0
02/08/2023 10:20	0.9	323	35	1.9	0.0
02/08/2023 10:30	1.2	317	45	2.3	0.0
02/08/2023 10:40	1.4	290	32	2.9	0.0
02/08/2023 10:50	1.5	317	45	2.9	0.0
02/08/2023 11:00	1.8	329	34	2.8	0.0
02/08/2023 11:10	1.4	314	39	2.5	0.0
02/08/2023 11:20	1.2	291	43	2.5	0.0
02/08/2023 11:30	1.7	227	46	2.8	0.0
02/08/2023 11:40	1.4	268	48	2.5	0.0
02/08/2023 11:50	1.3	299	45	2.2	0.0
02/08/2023 12:00	1.3	290	30	3.0	0.0
02/08/2023 12:10	1.8	305	37	3.6	0.0
02/08/2023 12:20	1.5	305	45	2.8	0.0
02/08/2023 12:30	2.0	309	34	3.2	0.0
02/08/2023 12:40	1.6	311	54	3.5	0.0
02/08/2023 12:50	1.7	317	43	3.6	0.0
02/08/2023 13:00	2.1	269	35	3.6	0.0
02/08/2023 13:10	2.8	239	22	4.2	0.0
02/08/2023 13:20	2.0	257	38	3.5	0.0
02/08/2023 13:30	1.7	295	47	3.1	0.0
02/08/2023 13:40	1.9	300	50	3.4	0.0
02/08/2023 13:50	1.7	308	49	2.9	0.0
02/08/2023 14:00	2.0	290	47	3.8	0.0
02/08/2023 14:10	2.0	299	44	3.1	0.0
02/08/2023 14:20	2.2	341	30	4.0	0.0
02/08/2023 14:30	2.2	350	26	3.9	0.0
02/08/2023 14:40	2.1	340	39	3.6	0.0
02/08/2023 14:50	1.9	333	33	3.2	0.0
02/08/2023 15:00	2.1	334	33	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 15:10	1.8	339	29	3.0	0.0
02/08/2023 15:20	1.9	181	34	3.4	0.0
02/08/2023 15:30	2.1	326	29	3.2	0.0
02/08/2023 15:40	2.1	333	25	3.3	0.0
02/08/2023 15:50	2.0	332	27	3.2	0.0
02/08/2023 16:00	1.7	350	31	2.9	0.0
02/08/2023 16:10	2.0	6	29	3.2	0.0
02/08/2023 16:20	2.2	14	28	3.2	0.0
02/08/2023 16:30	1.9	12	31	3.2	0.0
02/08/2023 16:40	2.0	18	27	3.0	0.0
02/08/2023 16:50	1.8	20	32	3.1	0.0
02/08/2023 17:00	2.0	15	26	3.5	0.0
02/08/2023 17:10	2.0	19	27	3.2	0.0
02/08/2023 17:20	1.3	18	31	2.8	0.0
02/08/2023 17:30	1.3	21	33	2.6	0.0
02/08/2023 17:40	2.2	22	27	3.5	0.0
02/08/2023 17:50	1.6	30	33	2.8	0.0
02/08/2023 18:00	1.6	25	31	3.2	0.0
02/08/2023 18:10	1.5	37	24	2.4	0.0
02/08/2023 18:20	1.7	33	26	3.1	0.0
02/08/2023 18:30	1.9	23	25	3.2	0.0
02/08/2023 18:40	1.5	28	24	2.7	0.0
02/08/2023 18:50	1.7	37	26	2.8	0.0
02/08/2023 19:00	1.8	31	27	2.9	0.0
02/08/2023 19:10	1.6	26	26	2.8	0.0
02/08/2023 19:20	1.2	40	24	2.0	0.0
02/08/2023 19:30	1.3	30	25	2.5	0.0
02/08/2023 19:40	1.2	37	27	2.0	0.0
02/08/2023 19:50	1.3	31	29	2.1	0.0
02/08/2023 20:00	1.2	34	24	2.0	0.0
02/08/2023 20:10	1.4	35	29	2.3	0.0
02/08/2023 20:20	1.8	38	23	2.8	0.0
02/08/2023 20:30	1.8	35	21	3.0	0.0
02/08/2023 20:40	1.6	34	25	2.5	0.0
02/08/2023 20:50	1.6	29	26	2.6	0.0
02/08/2023 21:00	1.3	34	26	2.4	0.0
02/08/2023 21:10	1.2	32	30	2.4	0.0
02/08/2023 21:20	1.4	39	25	2.2	0.0
02/08/2023 21:30	1.4	43	21	2.6	0.0
02/08/2023 21:40	1.3	47	18	2.1	0.0
02/08/2023 21:50	1.3	33	27	2.6	0.0
02/08/2023 22:00	1.3	31	32	2.5	0.0
02/08/2023 22:10	1.4	36	25	2.6	0.0
02/08/2023 22:20	1.4	36	26	2.4	0.0
02/08/2023 22:30	1.8	27	26	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/08/2023 22:40	1.9	29	22	3.4	0.0
02/08/2023 22:50	1.8	31	25	3.0	0.0
02/08/2023 23:00	1.6	27	24	2.7	0.0
02/08/2023 23:10	1.6	33	25	3.1	0.0
02/08/2023 23:20	1.8	28	29	3.0	0.0
02/08/2023 23:30	1.8	29	24	3.2	0.0
02/08/2023 23:40	1.7	34	25	3.4	0.0
02/08/2023 23:50	2.1	27	29	3.5	0.0
03/08/2023 00:00	2.1	31	25	2.9	0.0
03/08/2023 00:10	1.8	22	33	3.2	0.0
03/08/2023 00:20	2.0	21	31	3.1	0.0
03/08/2023 00:30	2.0	21	28	3.2	0.0
03/08/2023 00:40	1.8	28	33	2.9	0.0
03/08/2023 00:50	2.3	34	25	4.0	0.0
03/08/2023 01:00	2.1	30	24	3.4	0.0
03/08/2023 01:10	1.8	25	25	4.3	0.0
03/08/2023 01:20	1.8	22	33	3.3	0.0
03/08/2023 01:30	1.7	26	28	2.8	0.0
03/08/2023 01:40	0.8	13	33	2.3	0.0
03/08/2023 01:50	1.2	10	43	2.4	0.0
03/08/2023 02:00	1.2	176	45	2.4	0.0
03/08/2023 02:10	1.5	340	43	2.8	0.0
03/08/2023 02:20	1.1	353	47	2.8	0.0
03/08/2023 02:30	1.6	325	34	3.1	0.0
03/08/2023 02:40	1.4	309	30	2.8	0.0
03/08/2023 02:50	1.3	316	40	2.8	0.0
03/08/2023 03:00	1.2	310	38	2.4	0.0
03/08/2023 03:10	1.2	322	32	2.1	0.0
03/08/2023 03:20	1.4	327	33	2.9	0.0
03/08/2023 03:30	1.5	319	24	2.6	0.0
03/08/2023 03:40	1.0	324	26	2.0	0.0
03/08/2023 03:50	0.7	320	26	1.9	0.0
03/08/2023 04:00	1.1	316	33	2.4	0.0
03/08/2023 04:10	0.8	322	44	1.6	0.0
03/08/2023 04:20	1.2	316	36	2.5	0.0
03/08/2023 04:30	1.4	341	42	2.6	0.0
03/08/2023 04:40	1.0	331	41	2.3	0.0
03/08/2023 04:50	1.4	346	31	2.8	0.0
03/08/2023 05:00	1.6	332	33	3.1	0.0
03/08/2023 05:10	1.6	322	39	2.9	0.0
03/08/2023 05:20	1.1	322	28	2.3	0.0
03/08/2023 05:30	1.2	322	35	2.4	0.0
03/08/2023 05:40	1.1	333	40	2.4	0.0
03/08/2023 05:50	0.8	340	31	2.0	0.0
03/08/2023 06:00	0.8	328	29	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 06:10	1.2	315	27	1.9	0.0
03/08/2023 06:20	0.8	161	31	1.6	0.0
03/08/2023 06:30	1.0	351	32	1.9	0.0
03/08/2023 06:40	0.1	164	10	0.7	0.0
03/08/2023 06:50	0.6	239	20	1.1	0.0
03/08/2023 07:00	0.6	231	11	1.2	0.0
03/08/2023 07:10					0.0
03/08/2023 07:20					0.0
03/08/2023 07:30	0.2	161	10	1.1	0.0
03/08/2023 07:40	0.4	133	27	1.2	0.0
03/08/2023 07:50	0.6	118	26	1.3	0.0
03/08/2023 08:00	0.6	121	27	1.6	0.0
03/08/2023 08:10	0.8	104	24	1.7	0.0
03/08/2023 08:20	1.0	109	24	1.9	0.0
03/08/2023 08:30	1.3	115	27	2.0	0.0
03/08/2023 08:40	1.2	107	27	2.3	0.0
03/08/2023 08:50	1.2	107	28	2.0	0.0
03/08/2023 09:00	1.3	99	30	2.1	0.0
03/08/2023 09:10	1.5	97	29	2.4	0.0
03/08/2023 09:20	1.5	76	21	2.4	0.0
03/08/2023 09:30	1.5	61	28	2.4	0.0
03/08/2023 09:40	1.4	69	22	2.3	0.0
03/08/2023 09:50	1.4	58	21	2.4	0.0
03/08/2023 10:00	1.3	63	22	2.1	0.0
03/08/2023 10:10	1.2	95	30	1.8	0.0
03/08/2023 10:20	1.7	67	23	2.7	0.0
03/08/2023 10:30	1.7	46	24	2.7	0.0
03/08/2023 10:40	1.4	59	22	2.6	0.0
03/08/2023 10:50	1.2	79	25	2.4	0.0
03/08/2023 11:00	1.5	65	22	2.2	0.0
03/08/2023 11:10	1.6	68	17	2.5	0.0
03/08/2023 11:20	1.6	70	20	2.8	0.0
03/08/2023 11:30	1.2	82	32	2.0	0.0
03/08/2023 11:40	1.2	99	35	2.2	0.0
03/08/2023 11:50	1.3	35	27	2.0	0.0
03/08/2023 12:00	2.0	253	30	2.9	0.0
03/08/2023 12:10	2.0	231	23	2.8	0.0
03/08/2023 12:20	1.9	259	17	2.8	0.0
03/08/2023 12:30	1.8	250	21	2.6	0.0
03/08/2023 12:40	2.1	240	16	3.0	0.0
03/08/2023 12:50	2.2	241	20	3.4	0.0
03/08/2023 13:00	2.1	217	22	3.2	0.0
03/08/2023 13:10	2.8	234	18	4.0	0.0
03/08/2023 13:20	2.8	237	19	4.4	0.0
03/08/2023 13:30	3.1	242	15	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 13:40	2.6	244	22	3.6	0.0
03/08/2023 13:50	2.5	239	24	3.6	0.0
03/08/2023 14:00	2.9	237	17	3.8	0.0
03/08/2023 14:10	2.4	242	19	3.3	0.0
03/08/2023 14:20	2.3	248	15	3.3	0.0
03/08/2023 14:30	1.9	246	24	2.8	0.0
03/08/2023 14:40	2.0	241	23	2.8	0.0
03/08/2023 14:50	2.2	237	22	3.4	0.0
03/08/2023 15:00	1.9	254	25	2.8	0.0
03/08/2023 15:10	1.9	243	27	3.1	0.0
03/08/2023 15:20	1.7	243	31	2.7	0.0
03/08/2023 15:30	1.9	245	25	3.2	0.0
03/08/2023 15:40	2.0	236	27	2.9	0.0
03/08/2023 15:50	2.4	247	18	3.6	0.0
03/08/2023 16:00	2.3	249	19	3.3	0.0
03/08/2023 16:10	2.5	245	15	3.4	0.0
03/08/2023 16:20	2.4	246	17	3.3	0.0
03/08/2023 16:30	2.2	253	20	3.4	0.0
03/08/2023 16:40	2.4	257	18	3.5	0.0
03/08/2023 16:50	3.3	237	20	4.4	0.0
03/08/2023 17:00	3.5	207	21	5.3	0.0
03/08/2023 17:10	3.1	209	21	4.6	0.0
03/08/2023 17:20	3.2	222	16	5.0	0.0
03/08/2023 17:30	2.7	208	20	4.0	0.0
03/08/2023 17:40	2.5	201	16	4.1	0.0
03/08/2023 17:50	2.6	194	18	3.9	0.0
03/08/2023 18:00	2.4	189	17	3.4	0.0
03/08/2023 18:10	1.8	189	24	2.8	0.0
03/08/2023 18:20	1.1	170	24	2.0	0.0
03/08/2023 18:30	0.8	145	29	1.6	0.0
03/08/2023 18:40	0.5	146	18	1.3	0.0
03/08/2023 18:50	0.2	146	18	1.0	0.0
03/08/2023 19:00	0.1	122	12	0.6	0.0
03/08/2023 19:10					0.0
03/08/2023 19:20					0.0
03/08/2023 19:30					0.0
03/08/2023 19:40					0.0
03/08/2023 19:50	0.3	39	12	1.1	0.0
03/08/2023 20:00	0.0	28	3	0.4	0.0
03/08/2023 20:10					0.0
03/08/2023 20:20					0.0
03/08/2023 20:30	0.4	268	7	1.4	0.0
03/08/2023 20:40	1.8	262	12	2.5	0.0
03/08/2023 20:50	1.9	265	14	2.6	0.0
03/08/2023 21:00	1.7	268	14	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/08/2023 21:10	1.7	261	15	2.4	0.0
03/08/2023 21:20	2.2	261	12	3.1	0.0
03/08/2023 21:30	2.1	263	14	2.9	0.0
03/08/2023 21:40	2.0	258	15	3.1	0.0
03/08/2023 21:50	2.3	255	15	3.1	0.0
03/08/2023 22:00	2.0	254	14	2.9	0.0
03/08/2023 22:10	1.9	238	20	3.1	0.0
03/08/2023 22:20	2.2	255	14	3.0	0.0
03/08/2023 22:30	2.2	255	13	3.0	0.0
03/08/2023 22:40	2.2	252	12	2.9	0.0
03/08/2023 22:50	2.0	256	13	2.8	0.0
03/08/2023 23:00	1.7	241	18	2.7	0.0
03/08/2023 23:10	1.6	237	22	3.2	0.0
03/08/2023 23:20	2.1	249	15	3.0	0.0
03/08/2023 23:30	2.2	252	11	3.0	0.0
03/08/2023 23:40	2.1	253	13	3.0	0.0
03/08/2023 23:50	2.0	259	12	2.8	0.0
04/08/2023 00:00	2.6	258	13	3.4	0.0
04/08/2023 00:10	2.3	253	18	3.3	0.0
04/08/2023 00:20	2.0	254	13	3.0	0.0
04/08/2023 00:30	2.0	252	16	3.1	0.0
04/08/2023 00:40	2.1	249	14	2.9	0.0
04/08/2023 00:50	1.8	256	18	2.8	0.0
04/08/2023 01:00	2.0	255	15	2.9	0.0
04/08/2023 01:10	1.4	249	17	2.3	0.0
04/08/2023 01:20	1.4	252	15	2.0	0.0
04/08/2023 01:30	1.7	253	14	2.6	0.0
04/08/2023 01:40	2.0	252	16	3.1	0.0
04/08/2023 01:50	1.4	242	21	2.3	0.0
04/08/2023 02:00	1.0	231	19	1.6	0.0
04/08/2023 02:10	0.9	238	18	1.6	0.0
04/08/2023 02:20	1.6	242	13	2.5	0.0
04/08/2023 02:30	1.4	248	16	2.1	0.0
04/08/2023 02:40	0.8	222	22	1.8	0.0
04/08/2023 02:50	0.2	141	14	0.6	0.0
04/08/2023 03:00	0.2	163	17	0.9	0.0
04/08/2023 03:10	0.8	195	31	1.4	0.0
04/08/2023 03:20	0.6	191	16	1.2	0.0
04/08/2023 03:30	0.3	186	17	1.2	0.0
04/08/2023 03:40	0.8	204	17	2.0	0.0
04/08/2023 03:50	0.2	185	6	1.0	0.0
04/08/2023 04:00	1.0	253	14	1.4	0.0
04/08/2023 04:10	0.7	256	13	1.1	0.0
04/08/2023 04:20	1.0	253	10	1.6	0.0
04/08/2023 04:30	1.1	247	15	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 04:40	0.8	235	19	1.3	0.0
04/08/2023 04:50	0.3	254	7	0.7	0.0
04/08/2023 05:00	0.1	67	9	0.8	0.0
04/08/2023 05:10	0.3	212	19	0.8	0.0
04/08/2023 05:20	0.8	195	19	1.2	0.0
04/08/2023 05:30	1.0	48	18	1.6	0.0
04/08/2023 05:40	0.8	35	16	1.2	0.0
04/08/2023 05:50	0.2	20	7	0.9	0.0
04/08/2023 06:00					0.0
04/08/2023 06:10	0.1	344	4	0.6	0.0
04/08/2023 06:20	0.2	181	5	0.7	0.0
04/08/2023 06:30	0.2	19	7	0.6	0.0
04/08/2023 06:40	0.6	34	14	1.2	0.0
04/08/2023 06:50	0.3	34	11	0.9	0.0
04/08/2023 07:00	0.3	29	7	0.7	0.0
04/08/2023 07:10	0.4	34	11	0.9	0.0
04/08/2023 07:20	0.7	41	18	1.3	0.0
04/08/2023 07:30	0.8	43	21	1.5	0.0
04/08/2023 07:40	0.6	64	19	1.2	0.0
04/08/2023 07:50	0.5	63	15	1.1	0.0
04/08/2023 08:00	0.5	127	28	1.4	0.0
04/08/2023 08:10	0.6	83	24	1.2	0.0
04/08/2023 08:20	0.4	108	20	1.0	0.0
04/08/2023 08:30	0.5	169	15	0.9	0.0
04/08/2023 08:40	1.1	189	15	1.7	0.0
04/08/2023 08:50	1.7	239	20	2.6	0.0
04/08/2023 09:00	1.7	263	17	2.4	0.0
04/08/2023 09:10	2.0	260	21	2.9	0.0
04/08/2023 09:20	2.1	257	21	3.0	0.0
04/08/2023 09:30	1.9	248	26	2.8	0.0
04/08/2023 09:40	1.4	233	30	2.4	0.0
04/08/2023 09:50	1.6	223	37	3.0	0.0
04/08/2023 10:00	1.4	178	30	2.4	0.0
04/08/2023 10:10	1.3	133	36	2.2	0.0
04/08/2023 10:20	1.5	109	31	2.4	0.0
04/08/2023 10:30	1.3	149	33	2.1	0.0
04/08/2023 10:40	1.3	140	39	2.1	0.0
04/08/2023 10:50	1.0	96	37	2.2	0.0
04/08/2023 11:00	1.5	114	35	2.5	0.0
04/08/2023 11:10	1.6	108	33	2.7	0.0
04/08/2023 11:20	1.7	110	29	2.8	0.0
04/08/2023 11:30	1.8	78	30	2.8	0.0
04/08/2023 11:40	1.1	108	46	2.0	0.0
04/08/2023 11:50	1.5	92	44	2.7	0.0
04/08/2023 12:00	1.6	87	33	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 12:10	1.9	39	34	3.2	0.0
04/08/2023 12:20	1.7	47	31	2.8	0.0
04/08/2023 12:30	1.5	58	36	2.6	0.0
04/08/2023 12:40	1.0	26	47	2.0	0.0
04/08/2023 12:50	1.1	233	51	2.2	0.0
04/08/2023 13:00	1.7	183	33	2.9	0.0
04/08/2023 13:10	1.6	160	32	2.4	0.0
04/08/2023 13:20	1.4	125	35	2.8	0.0
04/08/2023 13:30	1.3	189	49	2.5	0.0
04/08/2023 13:40	1.7	166	31	2.8	0.0
04/08/2023 13:50	1.2	85	45	2.4	0.0
04/08/2023 14:00	1.3	46	43	2.2	0.0
04/08/2023 14:10	1.8	350	31	2.8	0.0
04/08/2023 14:20	1.9	346	32	3.4	0.0
04/08/2023 14:30	1.7	345	33	2.9	0.0
04/08/2023 14:40	1.4	27	45	2.5	0.0
04/08/2023 14:50	2.1	25	29	3.4	0.0
04/08/2023 15:00	2.0	342	24	3.2	0.0
04/08/2023 15:10	2.5	323	24	4.1	0.0
04/08/2023 15:20	2.4	334	27	3.9	0.0
04/08/2023 15:30	2.2	350	30	3.7	0.0
04/08/2023 15:40	2.2	328	31	3.8	0.0
04/08/2023 15:50	2.3	330	26	3.8	0.0
04/08/2023 16:00	2.7	322	19	4.0	0.0
04/08/2023 16:10	2.5	326	34	4.0	0.0
04/08/2023 16:20	2.4	312	30	4.6	0.0
04/08/2023 16:30	2.3	324	34	3.9	0.0
04/08/2023 16:40	2.9	329	24	4.4	0.0
04/08/2023 16:50	2.0	317	37	3.7	0.0
04/08/2023 17:00	1.9	309	42	3.3	0.0
04/08/2023 17:10	2.0	311	41	3.6	0.0
04/08/2023 17:20	1.4	290	54	3.2	0.0
04/08/2023 17:30	1.8	290	36	2.9	0.0
04/08/2023 17:40	1.7	258	31	2.8	0.0
04/08/2023 17:50	2.0	254	23	3.2	0.0
04/08/2023 18:00	2.0	248	20	3.2	0.0
04/08/2023 18:10	2.2	248	15	3.2	0.0
04/08/2023 18:20	2.3	240	15	3.1	0.0
04/08/2023 18:30	1.9	233	15	2.8	0.0
04/08/2023 18:40	1.9	234	17	3.0	0.0
04/08/2023 18:50	1.9	230	16	2.8	0.0
04/08/2023 19:00	2.1	236	16	3.2	0.0
04/08/2023 19:10	2.3	238	14	3.2	0.0
04/08/2023 19:20	2.0	236	17	2.8	0.0
04/08/2023 19:30	1.8	234	17	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/08/2023 19:40	1.9	238	17	2.8	0.0
04/08/2023 19:50	1.6	240	16	2.4	0.0
04/08/2023 20:00	1.8	240	17	2.8	0.0
04/08/2023 20:10	2.0	245	14	2.8	0.0
04/08/2023 20:20	2.1	244	17	3.2	0.0
04/08/2023 20:30	2.3	248	17	3.6	0.0
04/08/2023 20:40	2.1	249	16	3.4	0.0
04/08/2023 20:50	2.0	245	14	3.0	0.0
04/08/2023 21:00	2.4	251	17	3.2	0.0
04/08/2023 21:10	2.0	250	15	3.0	0.0
04/08/2023 21:20	2.4	251	14	3.6	0.0
04/08/2023 21:30	2.5	256	13	3.7	0.0
04/08/2023 21:40	2.6	258	14	3.5	0.0
04/08/2023 21:50	2.4	257	14	3.4	0.0
04/08/2023 22:00	2.3	254	14	3.2	0.0
04/08/2023 22:10	2.4	257	14	3.6	0.0
04/08/2023 22:20	2.7	256	11	3.7	0.0
04/08/2023 22:30	2.4	263	16	3.3	0.0
04/08/2023 22:40	2.1	262	15	2.9	0.0
04/08/2023 22:50	2.0	263	13	2.9	0.0
04/08/2023 23:00	1.8	259	17	2.8	0.0
04/08/2023 23:10	1.7	265	18	2.5	0.0
04/08/2023 23:20	2.4	266	13	3.3	0.0
04/08/2023 23:30	2.4	265	14	3.3	0.0
04/08/2023 23:40	2.7	266	13	3.6	0.0
04/08/2023 23:50	2.4	266	14	3.7	0.0
05/08/2023 00:00	2.7	266	13	3.7	0.0
05/08/2023 00:10	2.5	269	19	3.5	0.0
05/08/2023 00:20	2.3	267	15	3.3	0.0
05/08/2023 00:30	2.2	272	17	3.2	0.0
05/08/2023 00:40	2.3	269	16	3.2	0.0
05/08/2023 00:50	2.2	271	17	3.0	0.0
05/08/2023 01:00	2.1	270	18	3.0	0.0
05/08/2023 01:10	1.9	266	16	2.8	0.0
05/08/2023 01:20	1.9	273	17	2.8	0.0
05/08/2023 01:30	1.7	262	16	2.5	0.0
05/08/2023 01:40	1.8	252	16	2.7	0.0
05/08/2023 01:50	1.8	259	14	2.4	0.0
05/08/2023 02:00	1.8	251	11	2.3	0.0
05/08/2023 02:10	1.1	243	14	1.9	0.0
05/08/2023 02:20	0.3	158	27	0.8	0.0
05/08/2023 02:30	0.2	111	20	0.8	0.0
05/08/2023 02:40	0.3	117	19	1.0	0.0
05/08/2023 02:50	0.2	169	31	0.8	0.0
05/08/2023 03:00	0.3	180	16	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 03:10	0.7	209	13	1.3	0.0
05/08/2023 03:20	1.3	208	14	1.8	0.0
05/08/2023 03:30	1.1	223	11	1.6	0.0
05/08/2023 03:40	0.8	237	11	1.3	0.0
05/08/2023 03:50	0.2	237	9	0.8	0.0
05/08/2023 04:00	0.3	184	24	1.2	0.0
05/08/2023 04:10	0.0	175	6	0.6	0.0
05/08/2023 04:20	0.2	54	14	0.8	0.0
05/08/2023 04:30	0.2	65	22	0.8	0.0
05/08/2023 04:40	0.4	62	23	1.1	0.0
05/08/2023 04:50	0.1	58	9	0.7	0.0
05/08/2023 05:00	0.2	58	13	1.0	0.0
05/08/2023 05:10	0.4	69	23	1.2	0.0
05/08/2023 05:20	1.2	86	27	2.4	0.0
05/08/2023 05:30	1.5	83	23	2.5	0.0
05/08/2023 05:40	1.3	83	25	2.4	0.0
05/08/2023 05:50	1.8	87	22	3.1	0.0
05/08/2023 06:00	1.4	82	21	2.4	0.0
05/08/2023 06:10	1.0	72	21	1.5	0.0
05/08/2023 06:20	1.0	69	25	2.0	0.0
05/08/2023 06:30	1.5	87	37	2.6	0.0
05/08/2023 06:40	1.6	88	29	3.1	0.0
05/08/2023 06:50	1.0	107	40	2.1	0.0
05/08/2023 07:00	1.3	115	34	2.6	0.0
05/08/2023 07:10	1.6	86	34	3.2	0.0
05/08/2023 07:20	2.5	96	30	4.6	0.0
05/08/2023 07:30	3.1	94	28	4.4	0.0
05/08/2023 07:40	2.7	91	29	4.4	0.0
05/08/2023 07:50	2.7	96	29	4.8	0.0
05/08/2023 08:00	3.0	96	22	4.9	0.0
05/08/2023 08:10	3.3	97	29	5.4	0.0
05/08/2023 08:20	3.3	97	26	5.2	0.0
05/08/2023 08:30	2.8	96	27	4.8	0.0
05/08/2023 08:40	3.0	99	33	4.8	0.0
05/08/2023 08:50	2.9	104	37	5.2	0.0
05/08/2023 09:00	2.8	101	36	5.0	0.0
05/08/2023 09:10	3.0	99	32	4.6	0.0
05/08/2023 09:20	3.4	94	24	6.1	0.0
05/08/2023 09:30	3.3	104	28	5.0	0.0
05/08/2023 09:40	3.2	104	30	4.8	0.0
05/08/2023 09:50	3.2	103	32	5.3	0.0
05/08/2023 10:00	3.1	97	27	5.5	0.0
05/08/2023 10:10	2.9	101	30	4.7	0.0
05/08/2023 10:20	3.1	92	26	4.8	0.0
05/08/2023 10:30	2.9	89	30	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 10:40	3.0	89	28	4.7	0.0
05/08/2023 10:50	3.2	86	27	5.5	0.0
05/08/2023 11:00	3.4	79	25	5.6	0.0
05/08/2023 11:10	3.3	80	21	5.0	0.0
05/08/2023 11:20	3.3	83	22	5.0	0.0
05/08/2023 11:30	3.1	86	32	5.6	0.0
05/08/2023 11:40	3.1	86	24	5.1	0.0
05/08/2023 11:50	3.0	69	22	4.5	0.0
05/08/2023 12:00	3.1	66	26	4.7	0.0
05/08/2023 12:10	2.9	72	22	4.3	0.0
05/08/2023 12:20	3.0	67	21	5.0	0.0
05/08/2023 12:30	3.0	63	21	4.8	0.0
05/08/2023 12:40	2.7	65	25	4.3	0.0
05/08/2023 12:50	2.9	62	24	4.4	0.0
05/08/2023 13:00	2.7	58	21	4.4	0.0
05/08/2023 13:10	2.8	65	24	4.7	0.0
05/08/2023 13:20	2.9	56	25	4.1	0.0
05/08/2023 13:30	2.9	63	22	4.9	0.0
05/08/2023 13:40	2.6	61	25	4.2	0.0
05/08/2023 13:50	2.5	64	21	4.0	0.0
05/08/2023 14:00	2.5	59	25	3.8	0.0
05/08/2023 14:10	2.5	60	24	3.6	0.0
05/08/2023 14:20	2.3	64	24	4.0	0.0
05/08/2023 14:30	2.5	60	22	4.3	0.0
05/08/2023 14:40	2.5	56	24	3.9	0.0
05/08/2023 14:50	2.4	56	26	4.4	0.0
05/08/2023 15:00	2.3	54	24	3.6	0.0
05/08/2023 15:10	2.1	64	22	3.5	0.0
05/08/2023 15:20	2.3	61	21	4.0	0.0
05/08/2023 15:30	2.3	60	25	3.8	0.0
05/08/2023 15:40	2.1	57	23	4.0	0.0
05/08/2023 15:50	2.0	59	21	3.2	0.0
05/08/2023 16:00	2.4	54	22	4.0	0.0
05/08/2023 16:10	2.3	55	20	4.0	0.0
05/08/2023 16:20	2.6	59	21	4.0	0.0
05/08/2023 16:30	2.3	60	22	3.8	0.0
05/08/2023 16:40	2.0	63	22	3.5	0.0
05/08/2023 16:50	2.3	49	19	3.7	0.0
05/08/2023 17:00	2.3	44	21	3.9	0.0
05/08/2023 17:10	2.9	50	18	4.4	0.0
05/08/2023 17:20	2.5	48	19	4.0	0.0
05/08/2023 17:30	1.8	48	18	2.8	0.0
05/08/2023 17:40	1.5	51	22	2.3	0.0
05/08/2023 17:50	1.7	45	18	2.4	0.0
05/08/2023 18:00	1.6	45	20	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/08/2023 18:10	1.2	43	17	1.9	0.0
05/08/2023 18:20	1.5	45	18	2.3	0.0
05/08/2023 18:30	1.4	45	17	2.0	0.0
05/08/2023 18:40	1.1	46	23	1.9	0.0
05/08/2023 18:50	1.4	30	23	2.0	0.0
05/08/2023 19:00	1.5	38	20	2.1	0.0
05/08/2023 19:10	0.7	62	22	1.4	0.0
05/08/2023 19:20	0.4	28	28	1.0	0.0
05/08/2023 19:30	1.0	46	24	1.6	0.0
05/08/2023 19:40	0.1	127	13	0.7	0.0
05/08/2023 19:50	0.2	221	14	0.7	0.0
05/08/2023 20:00	0.2	158	11	0.6	0.0
05/08/2023 20:10	0.5	57	16	1.0	0.0
05/08/2023 20:20	0.1	281	13	0.6	0.0
05/08/2023 20:30	0.1	125	4	0.8	0.0
05/08/2023 20:40	0.1	46	2	0.6	0.0
05/08/2023 20:50	0.4	349	12	1.0	0.0
05/08/2023 21:00	0.8	29	21	1.2	0.0
05/08/2023 21:10	0.7	60	15	1.2	0.0
05/08/2023 21:20	0.6	55	38	1.2	0.0
05/08/2023 21:30	0.8	36	46	1.8	0.0
05/08/2023 21:40	0.8	230	24	1.6	0.0
05/08/2023 21:50	0.9	37	25	1.5	0.0
05/08/2023 22:00	0.2	73	26	0.6	0.0
05/08/2023 22:10	0.0	152	3	0.4	0.0
05/08/2023 22:20	0.1	69	10	0.5	0.0
05/08/2023 22:30	0.6	187	20	1.2	0.0
05/08/2023 22:40	0.2	191	14	0.7	0.0
05/08/2023 22:50	0.5	194	14	1.0	0.0
05/08/2023 23:00	0.5	16	17	1.1	0.0
05/08/2023 23:10	0.6	83	19	1.2	0.0
05/08/2023 23:20	0.2	40	16	0.7	0.0
05/08/2023 23:30	0.4	86	24	0.8	0.0
05/08/2023 23:40	0.4	193	27	0.9	0.0
05/08/2023 23:50	0.1	27	19	0.8	0.0
06/08/2023 00:00	0.4	37	14	0.8	0.0
06/08/2023 00:10	0.5	27	14	0.9	0.0
06/08/2023 00:20	0.7	32	22	1.2	0.0
06/08/2023 00:30	0.4	15	15	0.8	0.0
06/08/2023 00:40	0.7	14	20	1.2	0.0
06/08/2023 00:50	0.7	20	19	1.4	0.0
06/08/2023 01:00	0.6	18	19	0.9	0.0
06/08/2023 01:10	0.5	0	18	0.9	0.0
06/08/2023 01:20	1.0	6	14	1.4	0.0
06/08/2023 01:30	0.9	353	13	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 01:40	1.1	347	10	1.5	0.0
06/08/2023 01:50	1.0	349	8	1.4	0.0
06/08/2023 02:00	1.0	353	15	1.4	0.0
06/08/2023 02:10	0.9	354	20	1.2	0.0
06/08/2023 02:20	0.8	182	19	1.3	0.0
06/08/2023 02:30	0.7	4	17	1.1	0.0
06/08/2023 02:40	0.7	8	14	1.2	0.0
06/08/2023 02:50	0.8	179	14	1.2	0.0
06/08/2023 03:00	0.7	4	16	1.1	0.0
06/08/2023 03:10	0.6	7	15	1.0	0.0
06/08/2023 03:20	0.9	9	13	1.3	0.0
06/08/2023 03:30	0.5	6	9	0.8	0.0
06/08/2023 03:40	0.8	10	11	1.1	0.0
06/08/2023 03:50	0.7	18	14	1.1	0.0
06/08/2023 04:00	0.4	13	11	0.8	0.0
06/08/2023 04:10	0.4	16	10	0.8	0.0
06/08/2023 04:20	0.2	43	19	0.6	0.0
06/08/2023 04:30	0.2	20	15	0.6	0.0
06/08/2023 04:40	0.2	21	9	0.5	0.0
06/08/2023 04:50	0.2	37	19	0.7	0.0
06/08/2023 05:00	0.1	112	17	0.8	0.0
06/08/2023 05:10					0.0
06/08/2023 05:20	0.2	24	10	0.6	0.0
06/08/2023 05:30	0.4	29	14	1.2	0.0
06/08/2023 05:40	0.6	43	18	1.2	0.0
06/08/2023 05:50	0.4	47	19	1.0	0.0
06/08/2023 06:00	1.0	60	24	1.8	0.0
06/08/2023 06:10	0.7	64	33	1.6	0.0
06/08/2023 06:20	0.7	53	23	1.3	0.0
06/08/2023 06:30	0.8	51	24	1.6	0.0
06/08/2023 06:40	0.9	57	32	1.6	0.0
06/08/2023 06:50	1.2	63	30	1.8	0.0
06/08/2023 07:00	1.1	56	28	2.8	0.0
06/08/2023 07:10	1.3	79	23	2.0	0.0
06/08/2023 07:20	1.6	85	25	2.7	0.0
06/08/2023 07:30	1.3	89	32	2.5	0.0
06/08/2023 07:40	1.2	68	32	2.4	0.0
06/08/2023 07:50	1.0	60	30	2.1	0.0
06/08/2023 08:00	0.4	86	26	1.9	0.0
06/08/2023 08:10	1.0	103	39	2.3	0.0
06/08/2023 08:20	1.3	84	34	2.8	0.0
06/08/2023 08:30	1.9	87	33	3.8	0.0
06/08/2023 08:40	1.5	95	37	3.1	0.0
06/08/2023 08:50	1.7	81	30	2.8	0.0
06/08/2023 09:00	1.7	93	35	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 09:10	1.9	93	29	3.4	0.0
06/08/2023 09:20	1.0	115	41	2.2	0.0
06/08/2023 09:30	1.8	96	37	3.2	0.0
06/08/2023 09:40	1.8	88	29	3.0	0.0
06/08/2023 09:50	2.5	83	26	4.5	0.0
06/08/2023 10:00	3.1	77	25	6.1	0.0
06/08/2023 10:10	3.5	85	20	5.4	0.0
06/08/2023 10:20	3.0	86	28	5.3	0.0
06/08/2023 10:30	3.3	87	24	5.8	0.0
06/08/2023 10:40	3.3	85	26	5.2	0.0
06/08/2023 10:50	2.9	86	28	5.3	0.0
06/08/2023 11:00	2.6	88	26	4.4	0.0
06/08/2023 11:10	2.3	78	25	4.0	0.0
06/08/2023 11:20	2.5	79	22	4.6	0.0
06/08/2023 11:30	2.7	73	26	4.4	0.0
06/08/2023 11:40	2.7	76	22	4.7	0.0
06/08/2023 11:50	2.6	59	25	5.2	0.0
06/08/2023 12:00	2.7	66	24	4.9	0.0
06/08/2023 12:10	2.6	67	25	4.8	0.0
06/08/2023 12:20	2.6	69	24	4.6	0.0
06/08/2023 12:30	2.7	68	23	4.5	0.0
06/08/2023 12:40	2.6	68	26	4.2	0.0
06/08/2023 12:50	2.8	70	23	4.4	0.0
06/08/2023 13:00	2.7	67	26	4.6	0.0
06/08/2023 13:10	2.7	67	26	4.6	0.0
06/08/2023 13:20	2.8	63	26	5.5	0.0
06/08/2023 13:30	2.8	73	24	4.7	0.0
06/08/2023 13:40	2.8	62	25	5.0	0.0
06/08/2023 13:50	2.6	70	24	4.6	0.0
06/08/2023 14:00	2.7	70	24	4.7	0.0
06/08/2023 14:10	2.8	75	24	4.4	0.0
06/08/2023 14:20	2.5	69	23	4.1	0.0
06/08/2023 14:30	2.6	73	25	4.2	0.0
06/08/2023 14:40	2.4	67	21	3.9	0.0
06/08/2023 14:50	2.4	55	27	4.0	0.0
06/08/2023 15:00	2.4	62	22	3.7	0.0
06/08/2023 15:10	2.3	57	21	3.8	0.0
06/08/2023 15:20	2.8	62	23	4.8	0.0
06/08/2023 15:30	3.0	50	22	4.9	0.0
06/08/2023 15:40	3.2	50	21	5.0	0.0
06/08/2023 15:50	2.7	57	23	4.5	0.0
06/08/2023 16:00	2.6	61	20	4.7	0.0
06/08/2023 16:10	2.3	67	23	3.6	0.0
06/08/2023 16:20	2.3	60	20	4.0	0.0
06/08/2023 16:30	1.8	66	26	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/08/2023 16:40	2.4	54	21	4.0	0.0
06/08/2023 16:50	2.1	58	21	3.3	0.0
06/08/2023 17:00	1.9	58	19	3.3	0.0
06/08/2023 17:10	1.9	52	17	3.0	0.0
06/08/2023 17:20	1.9	56	20	3.2	0.0
06/08/2023 17:30	1.7	55	21	2.8	0.0
06/08/2023 17:40	1.6	55	18	2.4	0.0
06/08/2023 17:50	1.7	52	16	2.6	0.0
06/08/2023 18:00	1.4	53	16	2.4	0.0
06/08/2023 18:10	0.7	50	21	1.2	0.0
06/08/2023 18:20	1.0	38	17	1.6	0.0
06/08/2023 18:30	1.4	42	21	2.3	0.0
06/08/2023 18:40	1.6	35	21	2.4	0.0
06/08/2023 18:50	1.7	43	19	2.9	0.0
06/08/2023 19:00	1.5	47	20	2.5	0.0
06/08/2023 19:10	0.8	50	20	1.6	0.0
06/08/2023 19:20	1.3	45	18	2.1	0.0
06/08/2023 19:30	1.4	38	17	2.0	0.0
06/08/2023 19:40	1.7	44	18	2.8	0.0
06/08/2023 19:50	1.7	37	22	2.6	0.0
06/08/2023 20:00	1.9	45	19	2.9	0.0
06/08/2023 20:10	1.2	49	16	2.4	0.0
06/08/2023 20:20	1.1	43	19	2.0	0.0
06/08/2023 20:30	1.1	35	16	1.5	0.0
06/08/2023 20:40	1.1	29	21	1.6	0.0
06/08/2023 20:50	0.7	65	16	1.2	0.0
06/08/2023 21:00	0.0	186	4	0.4	0.0
06/08/2023 21:10	0.5	12	14	1.1	0.0
06/08/2023 21:20	0.3	79	13	0.8	0.0
06/08/2023 21:30					0.0
06/08/2023 21:40	0.1	14	4	0.5	0.0
06/08/2023 21:50	0.3	25	8	1.2	0.0
06/08/2023 22:00	0.3	190	7	0.8	0.0
06/08/2023 22:10	0.9	12	21	1.5	0.0
06/08/2023 22:20	0.3	18	26	0.9	0.0
06/08/2023 22:30	1.0	352	17	1.6	0.0
06/08/2023 22:40	0.6	19	16	1.2	0.0
06/08/2023 22:50	0.5	198	16	1.2	0.0
06/08/2023 23:00	0.9	183	25	1.4	0.0
06/08/2023 23:10	0.4	177	12	1.0	0.0
06/08/2023 23:20	0.8	191	16	1.4	0.0
06/08/2023 23:30	0.8	177	17	1.2	0.0
06/08/2023 23:40	0.5	187	15	1.2	0.0
06/08/2023 23:50	1.1	333	14	1.5	0.0
07/08/2023 00:00	0.7	205	19	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 00:10	0.4	188	13	1.1	0.0
07/08/2023 00:20	0.6	203	20	1.2	0.0
07/08/2023 00:30	0.6	13	20	1.3	0.0
07/08/2023 00:40	0.5	15	14	0.9	0.0
07/08/2023 00:50	0.8	3	19	1.3	0.0
07/08/2023 01:00	0.9	174	16	1.2	0.0
07/08/2023 01:10	1.1	348	25	1.6	0.0
07/08/2023 01:20	1.0	2	20	1.6	0.0
07/08/2023 01:30	0.7	24	19	1.4	0.0
07/08/2023 01:40	0.8	184	14	1.5	0.0
07/08/2023 01:50	1.1	345	16	1.7	0.0
07/08/2023 02:00	0.6	191	19	1.3	0.0
07/08/2023 02:10	0.8	185	19	1.2	0.0
07/08/2023 02:20	0.7	28	23	1.1	0.0
07/08/2023 02:30	0.9	24	21	1.3	0.0
07/08/2023 02:40	0.3	22	18	0.8	0.0
07/08/2023 02:50	0.5	25	22	0.9	0.0
07/08/2023 03:00	0.7	11	18	1.2	0.0
07/08/2023 03:10	0.6	29	17	1.3	0.0
07/08/2023 03:20	0.6	25	16	1.2	0.0
07/08/2023 03:30	0.7	357	18	1.1	0.0
07/08/2023 03:40	0.8	14	17	1.2	0.0
07/08/2023 03:50	0.9	24	37	1.6	0.0
07/08/2023 04:00	0.6	30	24	1.0	0.0
07/08/2023 04:10	0.8	22	19	1.2	0.0
07/08/2023 04:20	0.7	17	20	1.2	0.0
07/08/2023 04:30	1.1	20	17	1.5	0.0
07/08/2023 04:40	0.9	21	22	1.6	0.0
07/08/2023 04:50	0.8	18	23	1.2	0.0
07/08/2023 05:00	0.2	18	8	0.9	0.0
07/08/2023 05:10	0.4	12	19	0.8	0.0
07/08/2023 05:20	0.7	353	17	1.2	0.0
07/08/2023 05:30	0.4	353	11	0.8	0.0
07/08/2023 05:40	0.6	348	9	0.9	0.0
07/08/2023 05:50	0.3	355	14	0.8	0.0
07/08/2023 06:00	0.5	8	15	0.8	0.0
07/08/2023 06:10	0.6	11	13	1.0	0.0
07/08/2023 06:20	0.7	16	15	0.9	0.0
07/08/2023 06:30	0.3	22	14	0.7	0.0
07/08/2023 06:40	0.1	21	9	0.6	0.0
07/08/2023 06:50	0.2	36	14	0.6	0.0
07/08/2023 07:00	0.2	38	13	0.7	0.0
07/08/2023 07:10	0.2	34	13	0.8	0.0
07/08/2023 07:20	0.1	54	9	0.5	0.0
07/08/2023 07:30	0.3	59	18	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 07:40	0.3	78	16	0.8	0.0
07/08/2023 07:50	0.1	79	14	0.7	0.0
07/08/2023 08:00	0.2	89	16	0.8	0.0
07/08/2023 08:10	0.6	87	16	1.2	0.0
07/08/2023 08:20	0.8	89	27	1.6	0.0
07/08/2023 08:30	1.9	76	25	3.1	0.0
07/08/2023 08:40	2.1	90	31	3.5	0.0
07/08/2023 08:50	2.0	81	27	3.4	0.0
07/08/2023 09:00	2.1	85	30	3.6	0.0
07/08/2023 09:10	2.4	86	27	4.4	0.0
07/08/2023 09:20	2.3	77	25	5.0	0.0
07/08/2023 09:30	2.3	75	26	3.6	0.0
07/08/2023 09:40	2.2	57	24	4.0	0.0
07/08/2023 09:50	2.2	66	25	3.6	0.0
07/08/2023 10:00	2.7	85	28	4.6	0.0
07/08/2023 10:10	2.9	73	28	5.0	0.0
07/08/2023 10:20	3.0	71	26	5.0	0.0
07/08/2023 10:30	3.4	68	24	5.3	0.0
07/08/2023 10:40	3.1	63	25	5.7	0.0
07/08/2023 10:50	3.1	68	22	5.6	0.0
07/08/2023 11:00	3.5	53	21	6.1	0.0
07/08/2023 11:10	3.5	52	22	5.4	0.0
07/08/2023 11:20	3.5	66	21	6.1	0.0
07/08/2023 11:30	3.5	67	23	5.4	0.0
07/08/2023 11:40	3.3	67	24	6.0	0.0
07/08/2023 11:50	3.4	70	20	5.2	0.0
07/08/2023 12:00	3.2	73	24	4.9	0.0
07/08/2023 12:10	3.3	70	21	5.0	0.0
07/08/2023 12:20	3.5	71	22	5.4	0.0
07/08/2023 12:30	3.1	75	20	5.2	0.0
07/08/2023 12:40	3.3	61	24	4.9	0.0
07/08/2023 12:50	3.6	52	21	5.5	0.0
07/08/2023 13:00	3.9	57	24	6.1	0.0
07/08/2023 13:10	3.5	62	21	5.8	0.0
07/08/2023 13:20	3.3	58	24	5.4	0.0
07/08/2023 13:30	3.5	60	23	5.6	0.0
07/08/2023 13:40	3.3	63	20	5.0	0.0
07/08/2023 13:50	3.1	64	23	5.0	0.0
07/08/2023 14:00	3.0	73	21	4.7	0.0
07/08/2023 14:10	3.1	70	22	5.0	0.0
07/08/2023 14:20	3.4	52	22	5.2	0.0
07/08/2023 14:30	3.3	52	24	5.2	0.0
07/08/2023 14:40	3.4	56	21	5.5	0.0
07/08/2023 14:50	2.9	63	25	4.8	0.0
07/08/2023 15:00	3.3	65	20	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 15:10	3.2	59	22	5.0	0.0
07/08/2023 15:20	3.4	59	20	5.3	0.0
07/08/2023 15:30	3.1	55	22	5.0	0.0
07/08/2023 15:40	3.4	53	23	5.8	0.0
07/08/2023 15:50	3.1	63	22	5.2	0.0
07/08/2023 16:00	2.9	62	21	4.6	0.0
07/08/2023 16:10	2.8	60	25	4.8	0.0
07/08/2023 16:20	3.1	64	23	4.5	0.0
07/08/2023 16:30	2.7	60	21	4.5	0.0
07/08/2023 16:40	3.1	57	20	4.6	0.0
07/08/2023 16:50	2.5	51	23	4.0	0.0
07/08/2023 17:00	2.4	46	22	4.0	0.0
07/08/2023 17:10	3.3	47	21	5.5	0.0
07/08/2023 17:20	3.1	42	21	5.4	0.0
07/08/2023 17:30	3.5	41	21	5.8	0.0
07/08/2023 17:40	3.0	42	20	5.2	0.0
07/08/2023 17:50	3.6	38	26	5.7	0.0
07/08/2023 18:00	3.1	41	23	5.2	0.0
07/08/2023 18:10	3.6	36	19	5.6	0.0
07/08/2023 18:20	3.7	44	22	5.8	0.0
07/08/2023 18:30	3.5	38	19	5.7	0.0
07/08/2023 18:40	3.1	31	24	4.8	0.0
07/08/2023 18:50	2.8	33	23	5.5	0.0
07/08/2023 19:00	2.5	37	23	4.4	0.0
07/08/2023 19:10	2.7	34	24	4.7	0.0
07/08/2023 19:20	2.7	40	22	4.8	0.0
07/08/2023 19:30	3.0	34	29	5.1	0.0
07/08/2023 19:40	2.5	34	22	4.0	0.0
07/08/2023 19:50	2.5	40	22	4.0	0.0
07/08/2023 20:00	2.5	36	27	4.4	0.0
07/08/2023 20:10	2.5	43	20	3.6	0.0
07/08/2023 20:20	2.7	37	22	4.2	0.0
07/08/2023 20:30	2.3	37	23	3.7	0.0
07/08/2023 20:40	2.3	35	22	4.1	0.0
07/08/2023 20:50	2.4	32	22	3.9	0.0
07/08/2023 21:00	2.3	33	25	4.1	0.0
07/08/2023 21:10	2.0	33	27	3.1	0.0
07/08/2023 21:20	2.1	30	27	3.6	0.0
07/08/2023 21:30	2.2	27	25	3.4	0.0
07/08/2023 21:40	1.9	29	30	3.2	0.0
07/08/2023 21:50	1.9	29	26	3.8	0.0
07/08/2023 22:00	1.9	28	28	3.2	0.0
07/08/2023 22:10	2.0	32	32	3.2	0.0
07/08/2023 22:20	2.0	37	25	3.5	0.0
07/08/2023 22:30	1.8	35	25	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/08/2023 22:40	1.5	39	28	2.5	0.0
07/08/2023 22:50	1.6	43	25	2.6	0.0
07/08/2023 23:00	1.2	49	27	2.1	0.0
07/08/2023 23:10	0.9	41	37	1.6	0.0
07/08/2023 23:20	0.7	20	23	1.0	0.0
07/08/2023 23:30	1.1	6	16	1.5	0.0
07/08/2023 23:40	0.9	57	35	1.6	0.0
07/08/2023 23:50	0.7	182	16	1.2	0.0
08/08/2023 00:00	0.6	27	33	1.1	0.0
08/08/2023 00:10	0.5	329	13	1.0	0.0
08/08/2023 00:20	1.0	177	15	1.3	0.0
08/08/2023 00:30	0.9	20	14	1.2	0.0
08/08/2023 00:40	0.9	23	17	1.4	0.0
08/08/2023 00:50	1.0	29	21	1.6	0.0
08/08/2023 01:00	0.8	41	18	1.3	0.0
08/08/2023 01:10	0.7	37	19	1.2	0.0
08/08/2023 01:20	0.5	33	13	1.5	0.0
08/08/2023 01:30	0.5	17	13	0.9	0.0
08/08/2023 01:40	0.4	13	11	0.8	0.0
08/08/2023 01:50	0.5	12	16	1.0	0.0
08/08/2023 02:00	0.8	24	16	1.1	0.0
08/08/2023 02:10	0.4	23	14	0.9	0.0
08/08/2023 02:20	0.7	27	19	1.2	0.0
08/08/2023 02:30	0.4	34	14	0.9	0.0
08/08/2023 02:40	0.4	22	16	0.9	0.0
08/08/2023 02:50	0.5	16	17	0.9	0.0
08/08/2023 03:00	0.3	23	9	0.9	0.0
08/08/2023 03:10	0.6	16	19	0.9	0.0
08/08/2023 03:20	0.6	18	18	1.2	0.0
08/08/2023 03:30	0.9	23	16	1.4	0.0
08/08/2023 03:40	0.8	29	20	1.2	0.0
08/08/2023 03:50	0.8	33	19	1.3	0.0
08/08/2023 04:00	0.4	32	13	1.1	0.0
08/08/2023 04:10	0.3	19	16	0.8	0.0
08/08/2023 04:20	0.6	181	14	1.0	0.0
08/08/2023 04:30	0.4	15	13	0.8	0.0
08/08/2023 04:40	0.3	41	10	0.7	0.0
08/08/2023 04:50	0.3	48	10	0.8	0.0
08/08/2023 05:00	0.2	62	10	0.6	0.0
08/08/2023 05:10	0.6	79	31	1.6	0.0
08/08/2023 05:20	0.5	41	25	1.1	0.0
08/08/2023 05:30	0.3	19	30	1.1	0.0
08/08/2023 05:40	0.7	22	29	1.4	0.0
08/08/2023 05:50	0.9	32	21	1.7	0.0
08/08/2023 06:00	0.7	27	25	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 06:10	0.8	18	26	1.9	0.0
08/08/2023 06:20	1.1	18	27	1.8	0.0
08/08/2023 06:30	1.4	14	19	2.1	0.0
08/08/2023 06:40	1.3	27	22	2.0	0.0
08/08/2023 06:50	1.2	25	22	1.8	0.0
08/08/2023 07:00	0.9	31	23	1.4	0.0
08/08/2023 07:10	0.8	39	31	1.4	0.0
08/08/2023 07:20	0.6	60	33	1.1	0.0
08/08/2023 07:30	0.8	69	27	1.7	0.0
08/08/2023 07:40	1.2	88	25	1.8	0.0
08/08/2023 07:50	1.4	79	22	2.1	0.0
08/08/2023 08:00	1.1	108	40	2.2	0.0
08/08/2023 08:10	1.4	110	29	2.3	0.0
08/08/2023 08:20	1.4	105	31	2.4	0.0
08/08/2023 08:30	1.8	124	26	2.8	0.0
08/08/2023 08:40	1.8	105	31	3.5	0.0
08/08/2023 08:50	1.7	102	26	2.6	0.0
08/08/2023 09:00	1.7	106	34	3.1	0.0
08/08/2023 09:10	1.5	97	30	2.8	0.0
08/08/2023 09:20	1.6	112	32	2.9	0.0
08/08/2023 09:30	1.9	119	29	3.0	0.0
08/08/2023 09:40	1.8	117	29	3.1	0.0
08/08/2023 09:50	1.8	119	33	2.7	0.0
08/08/2023 10:00	1.7	120	31	2.8	0.0
08/08/2023 10:10	1.8	107	33	3.0	0.0
08/08/2023 10:20	1.5	106	34	2.4	0.0
08/08/2023 10:30	1.8	105	35	3.1	0.0
08/08/2023 10:40	1.8	103	27	3.1	0.0
08/08/2023 10:50	2.1	100	24	3.0	0.0
08/08/2023 11:00	1.9	103	33	3.3	0.0
08/08/2023 11:10	2.1	84	27	3.2	0.0
08/08/2023 11:20	2.3	92	30	3.9	0.0
08/08/2023 11:30	2.6	89	29	4.7	0.0
08/08/2023 11:40	2.5	83	29	4.3	0.0
08/08/2023 11:50	2.7	87	28	4.2	0.0
08/08/2023 12:00	2.7	87	26	4.4	0.0
08/08/2023 12:10	2.6	79	28	4.8	0.0
08/08/2023 12:20	2.4	83	33	4.8	0.0
08/08/2023 12:30	3.3	83	21	5.0	0.0
08/08/2023 12:40	2.7	61	20	5.3	0.0
08/08/2023 12:50	2.8	61	24	4.6	0.0
08/08/2023 13:00	3.2	66	23	5.3	0.0
08/08/2023 13:10	3.6	72	24	6.0	0.0
08/08/2023 13:20	3.1	70	24	5.1	0.0
08/08/2023 13:30	3.2	65	22	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 13:40	3.3	61	23	5.4	0.0
08/08/2023 13:50	3.2	62	22	5.5	0.0
08/08/2023 14:00	3.2	59	24	5.3	0.0
08/08/2023 14:10	3.3	52	22	5.7	0.0
08/08/2023 14:20	3.1	54	19	5.2	0.0
08/08/2023 14:30	3.2	61	18	5.6	0.0
08/08/2023 14:40	3.1	54	22	5.3	0.0
08/08/2023 14:50	3.2	54	22	5.2	0.0
08/08/2023 15:00	3.2	57	20	5.4	0.0
08/08/2023 15:10	3.1	53	21	5.0	0.0
08/08/2023 15:20	2.6	65	22	4.2	0.0
08/08/2023 15:30	2.6	60	23	4.0	0.0
08/08/2023 15:40	2.3	64	24	3.8	0.0
08/08/2023 15:50	2.3	65	22	3.5	0.0
08/08/2023 16:00	2.3	56	21	3.6	0.0
08/08/2023 16:10	2.6	49	20	4.6	0.0
08/08/2023 16:20	2.6	54	20	4.5	0.0
08/08/2023 16:30	1.9	61	20	3.2	0.0
08/08/2023 16:40	2.2	55	21	3.6	0.0
08/08/2023 16:50	1.7	50	22	3.1	0.0
08/08/2023 17:00	2.1	48	22	3.2	0.0
08/08/2023 17:10	1.9	26	28	3.2	0.0
08/08/2023 17:20	1.8	30	26	3.2	0.0
08/08/2023 17:30	1.6	39	19	2.5	0.0
08/08/2023 17:40	1.6	52	20	2.7	0.0
08/08/2023 17:50	1.8	51	18	2.8	0.0
08/08/2023 18:00	1.4	54	18	2.2	0.0
08/08/2023 18:10	1.1	55	15	1.7	0.0
08/08/2023 18:20	1.1	54	16	1.6	0.0
08/08/2023 18:30	1.2	46	13	1.8	0.0
08/08/2023 18:40	1.2	55	19	1.6	0.0
08/08/2023 18:50	1.2	43	12	1.6	0.0
08/08/2023 19:00	1.0	43	17	1.6	0.0
08/08/2023 19:10	1.1	47	17	1.6	0.0
08/08/2023 19:20	1.1	40	21	2.0	0.0
08/08/2023 19:30	1.0	28	13	1.6	0.0
08/08/2023 19:40	1.0	27	17	1.7	0.0
08/08/2023 19:50	1.0	36	21	1.6	0.0
08/08/2023 20:00	0.6	30	13	0.9	0.0
08/08/2023 20:10	1.0	11	16	1.5	0.0
08/08/2023 20:20	1.2	19	15	1.7	0.0
08/08/2023 20:30	1.0	44	12	1.4	0.0
08/08/2023 20:40	1.0	45	13	1.2	0.0
08/08/2023 20:50	1.2	26	12	1.7	0.0
08/08/2023 21:00	1.1	27	13	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/08/2023 21:10	1.0	43	11	1.5	0.0
08/08/2023 21:20	1.0	34	13	1.6	0.0
08/08/2023 21:30	0.9	198	45	1.7	0.0
08/08/2023 21:40	0.8	176	46	1.4	0.0
08/08/2023 21:50	0.5	344	18	1.0	0.0
08/08/2023 22:00	0.4	269	8	1.1	0.0
08/08/2023 22:10	0.6	273	27	1.2	0.0
08/08/2023 22:20	1.1	334	19	1.5	0.0
08/08/2023 22:30	1.0	341	11	1.4	0.0
08/08/2023 22:40	0.7	321	27	1.1	0.0
08/08/2023 22:50	0.2	204	23	0.8	0.0
08/08/2023 23:00	0.2	34	12	0.7	0.0
08/08/2023 23:10	0.1	203	8	0.7	0.0
08/08/2023 23:20	0.6	2	23	1.1	0.0
08/08/2023 23:30	0.8	330	16	1.4	0.0
08/08/2023 23:40	0.0	303	2	0.4	0.0
08/08/2023 23:50	0.5	330	11	1.1	0.0
09/08/2023 00:00	0.0	5	0	0.4	0.0
09/08/2023 00:10	0.3	176	7	0.8	0.0
09/08/2023 00:20	0.4	350	6	0.8	0.0
09/08/2023 00:30	0.9	177	17	1.3	0.0
09/08/2023 00:40	0.5	15	13	0.9	0.0
09/08/2023 00:50	0.4	346	10	0.8	0.0
09/08/2023 01:00	0.6	335	12	1.0	0.0
09/08/2023 01:10	0.6	282	12	1.3	0.0
09/08/2023 01:20	0.8	261	11	1.4	0.0
09/08/2023 01:30	1.3	263	18	2.4	0.0
09/08/2023 01:40	1.2	248	20	1.6	0.0
09/08/2023 01:50	0.7	225	19	1.4	0.0
09/08/2023 02:00	0.4	250	11	0.9	0.0
09/08/2023 02:10	0.0	242	2	0.4	0.0
09/08/2023 02:20	0.7	296	15	1.3	0.0
09/08/2023 02:30	0.2	269	21	0.8	0.0
09/08/2023 02:40	0.9	308	15	1.6	0.0
09/08/2023 02:50	0.5	347	11	1.1	0.0
09/08/2023 03:00	0.3	185	7	0.8	0.0
09/08/2023 03:10	0.5	345	8	0.9	0.0
09/08/2023 03:20	0.5	351	9	1.2	0.0
09/08/2023 03:30	0.7	184	10	1.2	0.0
09/08/2023 03:40	0.8	321	16	1.2	0.0
09/08/2023 03:50	0.6	177	12	1.0	0.0
09/08/2023 04:00	1.0	344	8	1.5	0.0
09/08/2023 04:10	1.2	345	12	1.7	0.0
09/08/2023 04:20	1.2	335	10	1.5	0.0
09/08/2023 04:30	0.9	172	18	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 04:40	1.1	170	15	1.5	0.0
09/08/2023 04:50	1.1	3	13	1.6	0.0
09/08/2023 05:00	1.0	28	16	1.6	0.0
09/08/2023 05:10	0.7	33	19	1.2	0.0
09/08/2023 05:20	0.7	21	16	1.4	0.0
09/08/2023 05:30	0.9	7	16	1.4	0.0
09/08/2023 05:40	0.9	354	16	1.2	0.0
09/08/2023 05:50	0.9	7	18	1.4	0.0
09/08/2023 06:00	1.2	342	10	1.6	0.0
09/08/2023 06:10	0.8	177	17	1.3	0.0
09/08/2023 06:20	0.8	8	18	1.2	0.0
09/08/2023 06:30	1.0	178	17	1.4	0.0
09/08/2023 06:40	0.6	3	21	1.0	0.0
09/08/2023 06:50	1.0	348	16	1.2	0.0
09/08/2023 07:00	0.4	3	16	1.0	0.0
09/08/2023 07:10	0.9	349	13	1.2	0.0
09/08/2023 07:20	0.9	25	29	1.2	0.0
09/08/2023 07:30	0.8	357	21	1.4	0.0
09/08/2023 07:40	0.6	152	36	1.5	0.0
09/08/2023 07:50	0.1	137	9	0.8	0.0
09/08/2023 08:00	0.4	114	18	1.2	0.0
09/08/2023 08:10	0.6	147	22	1.2	0.0
09/08/2023 08:20	0.8	117	32	1.6	0.0
09/08/2023 08:30	1.1	147	29	1.9	0.0
09/08/2023 08:40	1.3	117	29	2.3	0.0
09/08/2023 08:50	1.4	91	26	2.4	0.0
09/08/2023 09:00	1.1	117	33	1.7	0.0
09/08/2023 09:10	1.4	113	35	2.5	0.0
09/08/2023 09:20	1.3	98	30	2.0	0.0
09/08/2023 09:30	1.6	117	27	2.7	0.0
09/08/2023 09:40	1.5	109	34	2.8	0.0
09/08/2023 09:50	1.9	106	29	2.8	0.0
09/08/2023 10:00	1.6	94	30	2.6	0.0
09/08/2023 10:10	1.5	97	26	2.1	0.0
09/08/2023 10:20	1.7	75	25	2.6	0.0
09/08/2023 10:30	1.5	55	28	2.6	0.0
09/08/2023 10:40	1.8	64	27	2.9	0.0
09/08/2023 10:50	1.6	69	30	2.8	0.0
09/08/2023 11:00	1.9	74	23	3.1	0.0
09/08/2023 11:10	2.0	75	25	3.2	0.0
09/08/2023 11:20	1.9	68	27	3.2	0.0
09/08/2023 11:30	1.9	73	28	3.2	0.0
09/08/2023 11:40	2.0	76	25	3.2	0.0
09/08/2023 11:50	1.9	64	27	3.1	0.0
09/08/2023 12:00	2.1	59	25	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 12:10	2.0	76	25	3.4	0.0
09/08/2023 12:20	2.0	58	22	3.2	0.0
09/08/2023 12:30	2.2	73	25	4.1	0.0
09/08/2023 12:40	2.0	61	25	3.2	0.0
09/08/2023 12:50	2.3	56	26	3.3	0.0
09/08/2023 13:00	2.2	63	28	3.4	0.0
09/08/2023 13:10	2.2	63	27	3.7	0.0
09/08/2023 13:20	2.3	70	25	3.5	0.0
09/08/2023 13:30	2.0	63	25	3.4	0.0
09/08/2023 13:40	2.0	64	22	3.0	0.0
09/08/2023 13:50	2.1	64	24	3.6	0.0
09/08/2023 14:00	2.0	56	25	3.5	0.0
09/08/2023 14:10	2.1	80	28	3.4	0.0
09/08/2023 14:20	2.4	93	25	3.7	0.0
09/08/2023 14:30	2.2	95	32	3.6	0.0
09/08/2023 14:40	2.6	86	22	3.8	0.0
09/08/2023 14:50	2.6	91	25	4.1	0.0
09/08/2023 15:00	2.3	90	24	3.4	0.0
09/08/2023 15:10	2.4	76	26	4.2	0.0
09/08/2023 15:20	2.2	67	24	4.3	0.0
09/08/2023 15:30	2.3	64	27	3.7	0.0
09/08/2023 15:40	2.0	62	27	3.4	0.0
09/08/2023 15:50	2.2	64	25	3.6	0.0
09/08/2023 16:00	2.1	62	23	3.1	0.0
09/08/2023 16:10	2.3	64	25	3.6	0.0
09/08/2023 16:20	2.2	66	25	3.5	0.0
09/08/2023 16:30	2.3	63	21	3.7	0.0
09/08/2023 16:40	2.1	60	26	3.3	0.0
09/08/2023 16:50	2.2	52	19	3.6	0.0
09/08/2023 17:00	2.2	49	23	3.6	0.0
09/08/2023 17:10	2.2	49	20	3.4	0.0
09/08/2023 17:20	2.2	48	17	3.2	0.0
09/08/2023 17:30	1.8	46	18	2.9	0.0
09/08/2023 17:40	1.5	39	20	2.3	0.0
09/08/2023 17:50	1.6	38	19	2.3	0.0
09/08/2023 18:00	1.5	30	19	2.1	0.0
09/08/2023 18:10	1.5	24	16	2.1	0.0
09/08/2023 18:20	1.4	16	17	2.0	0.0
09/08/2023 18:30	1.3	27	18	2.2	0.0
09/08/2023 18:40	1.2	47	15	1.7	0.0
09/08/2023 18:50	0.9	41	16	1.6	0.0
09/08/2023 19:00	1.1	36	20	1.7	0.0
09/08/2023 19:10	1.2	44	20	2.1	0.0
09/08/2023 19:20	1.8	27	23	2.8	0.0
09/08/2023 19:30	1.6	29	21	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/08/2023 19:40	1.3	40	20	2.1	0.0
09/08/2023 19:50	1.7	23	23	3.1	0.0
09/08/2023 20:00	1.7	21	23	2.7	0.0
09/08/2023 20:10	1.7	28	21	2.8	0.0
09/08/2023 20:20	2.0	22	21	3.2	0.0
09/08/2023 20:30	1.8	23	22	2.7	0.0
09/08/2023 20:40	1.6	29	21	2.5	0.0
09/08/2023 20:50	1.6	28	18	2.6	0.0
09/08/2023 21:00	1.7	19	21	2.4	0.0
09/08/2023 21:10	1.5	26	22	2.3	0.0
09/08/2023 21:20	1.0	36	19	1.6	0.0
09/08/2023 21:30	1.3	30	20	2.0	0.0
09/08/2023 21:40	1.2	35	21	2.0	0.0
09/08/2023 21:50	0.8	34	13	1.1	0.0
09/08/2023 22:00	0.7	43	12	1.1	0.0
09/08/2023 22:10	1.0	41	16	1.6	0.0
09/08/2023 22:20	1.0	34	13	1.2	0.0
09/08/2023 22:30	1.0	32	15	1.5	0.0
09/08/2023 22:40	1.0	46	19	1.6	0.0
09/08/2023 22:50	1.0	29	15	1.4	0.0
09/08/2023 23:00	1.0	28	16	1.3	0.0
09/08/2023 23:10	1.2	8	16	1.8	0.0
09/08/2023 23:20	1.1	25	16	1.6	0.0
09/08/2023 23:30	0.9	7	19	1.4	0.0
09/08/2023 23:40	1.1	8	30	1.6	0.0
09/08/2023 23:50	0.7	198	20	1.3	0.0
10/08/2023 00:00	1.0	355	19	1.6	0.0
10/08/2023 00:10	0.9	33	32	1.4	0.0
10/08/2023 00:20	0.8	31	15	1.2	0.0
10/08/2023 00:30	0.7	54	19	1.2	0.0
10/08/2023 00:40	0.0	124	2	0.4	0.0
10/08/2023 00:50	0.3	179	4	0.8	0.0
10/08/2023 01:00					0.0
10/08/2023 01:10					0.0
10/08/2023 01:20	0.2	347	4	0.8	0.0
10/08/2023 01:30	0.9	336	10	1.2	0.0
10/08/2023 01:40	0.5	191	13	0.8	0.0
10/08/2023 01:50	0.4	167	5	1.0	0.0
10/08/2023 02:00	0.7	345	19	1.2	0.0
10/08/2023 02:10	0.6	343	25	1.1	0.0
10/08/2023 02:20	0.7	177	26	1.1	0.0
10/08/2023 02:30	1.1	325	8	1.7	0.0
10/08/2023 02:40	0.9	11	28	1.4	0.0
10/08/2023 02:50	0.2	263	11	0.9	0.0
10/08/2023 03:00	0.8	335	36	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 03:10	0.1	39	22	0.6	0.0
10/08/2023 03:20	0.1	328	4	0.8	0.0
10/08/2023 03:30	0.3	357	6	0.8	0.0
10/08/2023 03:40					0.0
10/08/2023 03:50	0.3	275	7	1.2	0.0
10/08/2023 04:00	0.2	352	7	0.8	0.0
10/08/2023 04:10	0.8	347	9	1.2	0.0
10/08/2023 04:20	0.7	349	11	1.1	0.0
10/08/2023 04:30	0.1	176	1	0.8	0.0
10/08/2023 04:40	0.4	185	10	0.8	0.0
10/08/2023 04:50	0.3	186	11	0.8	0.0
10/08/2023 05:00	0.7	320	9	1.2	0.0
10/08/2023 05:10	0.6	345	12	1.1	0.0
10/08/2023 05:20	0.9	347	11	1.6	0.0
10/08/2023 05:30	0.8	353	15	1.2	0.0
10/08/2023 05:40	0.8	342	11	1.2	0.0
10/08/2023 05:50	1.2	334	22	1.7	0.0
10/08/2023 06:00	0.5	179	10	1.0	0.0
10/08/2023 06:10	0.9	353	14	1.2	0.0
10/08/2023 06:20	1.2	334	6	1.6	0.0
10/08/2023 06:30	0.8	183	15	1.2	0.0
10/08/2023 06:40	1.0	176	12	1.2	0.0
10/08/2023 06:50	1.1	340	12	1.4	0.0
10/08/2023 07:00	0.9	177	19	1.2	0.0
10/08/2023 07:10	1.1	183	15	1.5	0.0
10/08/2023 07:20	1.1	45	17	1.9	0.0
10/08/2023 07:30	0.8	33	28	1.3	0.0
10/08/2023 07:40	0.4	48	15	1.0	0.0
10/08/2023 07:50	0.5	27	21	0.9	0.0
10/08/2023 08:00	0.7	66	18	1.5	0.0
10/08/2023 08:10	1.0	72	22	1.6	0.0
10/08/2023 08:20	1.0	84	30	1.6	0.0
10/08/2023 08:30	1.0	94	39	1.6	0.0
10/08/2023 08:40	1.4	105	24	2.1	0.0
10/08/2023 08:50	1.1	94	28	1.8	0.0
10/08/2023 09:00	1.3	95	30	2.2	0.0
10/08/2023 09:10	1.6	101	32	2.4	0.0
10/08/2023 09:20	1.7	98	23	2.5	0.0
10/08/2023 09:30	1.6	94	24	2.6	0.0
10/08/2023 09:40	1.5	97	29	2.4	0.0
10/08/2023 09:50	1.3	84	29	2.6	0.0
10/08/2023 10:00	1.7	94	28	3.1	0.0
10/08/2023 10:10	1.7	100	28	2.8	0.0
10/08/2023 10:20	1.9	101	33	3.0	0.0
10/08/2023 10:30	1.9	84	28	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 10:40	1.5	95	33	2.5	0.0
10/08/2023 10:50	1.7	96	28	3.2	0.0
10/08/2023 11:00	1.6	68	29	2.7	0.0
10/08/2023 11:10	2.0	107	31	3.2	0.0
10/08/2023 11:20	1.9	89	27	3.0	0.0
10/08/2023 11:30	1.9	65	26	3.2	0.0
10/08/2023 11:40	1.9	93	31	3.2	0.0
10/08/2023 11:50	2.0	96	25	3.2	0.0
10/08/2023 12:00	1.7	81	30	2.7	0.0
10/08/2023 12:10	1.7	76	27	2.5	0.0
10/08/2023 12:20	2.0	51	25	3.1	0.0
10/08/2023 12:30	1.9	57	25	3.4	0.0
10/08/2023 12:40	2.0	61	28	3.1	0.0
10/08/2023 12:50	2.0	53	24	3.0	0.0
10/08/2023 13:00	2.2	57	22	4.1	0.0
10/08/2023 13:10	2.3	55	23	3.8	0.0
10/08/2023 13:20	2.1	52	24	3.7	0.0
10/08/2023 13:30	2.5	53	24	4.1	0.0
10/08/2023 13:40	2.4	54	24	4.2	0.0
10/08/2023 13:50	2.8	49	19	4.6	0.0
10/08/2023 14:00	2.6	50	24	4.2	0.0
10/08/2023 14:10	2.7	51	23	4.4	0.0
10/08/2023 14:20	2.9	55	21	4.5	0.0
10/08/2023 14:30	2.4	56	22	4.0	0.0
10/08/2023 14:40	2.5	48	23	4.2	0.0
10/08/2023 14:50	2.7	54	20	4.3	0.0
10/08/2023 15:00	2.7	53	19	4.4	0.0
10/08/2023 15:10	2.7	49	21	4.4	0.0
10/08/2023 15:20	2.5	48	20	3.7	0.0
10/08/2023 15:30	2.6	55	20	4.0	0.0
10/08/2023 15:40	2.5	48	18	3.7	0.0
10/08/2023 15:50	2.1	50	21	3.1	0.0
10/08/2023 16:00	2.1	53	19	3.1	0.0
10/08/2023 16:10	1.3	55	20	2.2	0.0
10/08/2023 16:20	1.1	55	28	1.7	0.0
10/08/2023 16:30	1.1	53	20	1.6	0.0
10/08/2023 16:40	1.2	50	19	1.8	0.0
10/08/2023 16:50	1.2	43	18	1.6	0.0
10/08/2023 17:00	1.2	53	14	1.7	0.0
10/08/2023 17:10	0.9	40	14	1.3	0.0
10/08/2023 17:20	0.7	184	43	1.8	0.0
10/08/2023 17:30	1.6	326	17	2.3	0.0
10/08/2023 17:40	1.5	324	17	2.0	0.0
10/08/2023 17:50	1.6	326	19	2.4	0.0
10/08/2023 18:00	1.9	327	19	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 18:10	1.5	329	19	2.3	0.0
10/08/2023 18:20	1.7	340	19	2.6	0.0
10/08/2023 18:30	2.0	340	17	2.8	0.0
10/08/2023 18:40	2.0	346	15	3.0	0.0
10/08/2023 18:50	1.9	343	20	2.6	0.0
10/08/2023 19:00	2.0	333	17	2.9	0.0
10/08/2023 19:10	1.8	327	24	3.0	0.0
10/08/2023 19:20	1.6	325	22	2.9	0.0
10/08/2023 19:30	1.6	324	39	2.8	0.0
10/08/2023 19:40	1.1	276	51	2.0	0.0
10/08/2023 19:50	1.4	289	35	2.3	0.0
10/08/2023 20:00	1.2	272	32	2.2	0.0
10/08/2023 20:10	1.0	311	30	2.0	0.0
10/08/2023 20:20	1.5	311	32	2.3	0.0
10/08/2023 20:30	0.9	270	40	1.7	0.0
10/08/2023 20:40	1.1	272	31	1.7	0.0
10/08/2023 20:50	0.8	288	39	1.9	0.0
10/08/2023 21:00	1.3	280	37	2.0	0.0
10/08/2023 21:10	1.5	258	21	2.1	0.0
10/08/2023 21:20	1.1	266	25	1.8	0.0
10/08/2023 21:30	0.7	254	31	2.0	0.0
10/08/2023 21:40	1.5	251	14	2.4	0.0
10/08/2023 21:50	1.6	254	15	2.4	0.0
10/08/2023 22:00	2.0	252	18	3.1	0.0
10/08/2023 22:10	2.4	250	13	3.4	0.0
10/08/2023 22:20	2.4	254	14	3.6	0.0
10/08/2023 22:30	1.7	251	18	2.8	0.0
10/08/2023 22:40	2.1	246	17	3.2	0.0
10/08/2023 22:50	2.1	253	14	2.8	0.0
10/08/2023 23:00	2.3	253	14	3.3	0.0
10/08/2023 23:10	2.4	251	15	3.2	0.0
10/08/2023 23:20	2.3	252	16	3.6	0.0
10/08/2023 23:30	2.0	254	17	3.1	0.0
10/08/2023 23:40	2.1	245	14	2.9	0.0
10/08/2023 23:50	2.1	251	14	2.8	0.0
11/08/2023 00:00	1.4	256	18	2.2	0.0
11/08/2023 00:10	1.3	242	15	1.7	0.0
11/08/2023 00:20	0.7	256	14	1.6	0.0
11/08/2023 00:30	0.5	236	7	1.4	0.0
11/08/2023 00:40	1.1	238	15	1.8	0.0
11/08/2023 00:50	1.4	256	14	2.2	0.0
11/08/2023 01:00	1.7	252	14	2.4	0.0
11/08/2023 01:10	1.7	250	16	2.6	0.0
11/08/2023 01:20	1.7	244	18	2.6	0.0
11/08/2023 01:30	1.8	249	15	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 01:40	2.0	248	12	2.9	0.0
11/08/2023 01:50	2.2	257	17	3.2	0.0
11/08/2023 02:00	1.6	250	17	2.4	0.0
11/08/2023 02:10	1.8	252	16	2.8	0.0
11/08/2023 02:20	2.0	271	16	2.8	0.0
11/08/2023 02:30	2.1	259	15	3.1	0.0
11/08/2023 02:40	1.6	254	22	2.8	0.0
11/08/2023 02:50	1.5	282	17	2.4	0.0
11/08/2023 03:00	1.8	274	20	2.8	0.0
11/08/2023 03:10	1.8	261	16	2.5	0.0
11/08/2023 03:20	1.4	262	18	2.2	0.0
11/08/2023 03:30	1.1	291	20	1.8	0.0
11/08/2023 03:40	1.2	279	25	2.1	0.0
11/08/2023 03:50	1.4	287	19	2.1	0.0
11/08/2023 04:00	1.5	285	22	2.3	0.0
11/08/2023 04:10	1.4	279	16	2.3	0.0
11/08/2023 04:20	1.5	284	15	2.1	0.0
11/08/2023 04:30	1.2	270	14	1.7	0.0
11/08/2023 04:40	1.0	275	20	1.4	0.0
11/08/2023 04:50	1.1	243	20	2.0	0.0
11/08/2023 05:00	1.3	279	16	1.8	0.0
11/08/2023 05:10	1.5	265	16	2.3	0.0
11/08/2023 05:20	1.2	248	16	1.6	0.0
11/08/2023 05:30	0.4	252	11	1.0	0.0
11/08/2023 05:40	0.4	225	9	1.0	0.0
11/08/2023 05:50	0.3	258	6	0.6	0.0
11/08/2023 06:00					0.0
11/08/2023 06:10	0.0	41	0	0.4	0.0
11/08/2023 06:20	0.3	70	9	1.1	0.0
11/08/2023 06:30	0.4	43	14	0.8	0.0
11/08/2023 06:40	0.3	49	13	0.9	0.0
11/08/2023 06:50	0.2	318	13	0.8	0.0
11/08/2023 07:00					0.0
11/08/2023 07:10	0.4	27	20	1.0	0.0
11/08/2023 07:20	0.3	200	12	0.8	0.0
11/08/2023 07:30	0.1	4	5	0.8	0.0
11/08/2023 07:40	0.2	37	8	0.9	0.0
11/08/2023 07:50	0.1	43	13	0.7	0.0
11/08/2023 08:00	0.2	82	9	0.8	0.0
11/08/2023 08:10	0.4	63	13	1.1	0.0
11/08/2023 08:20	0.4	92	9	1.1	0.0
11/08/2023 08:30	0.5	107	18	1.0	0.0
11/08/2023 08:40	0.6	111	23	1.2	0.0
11/08/2023 08:50	0.8	100	32	1.6	0.0
11/08/2023 09:00	0.8	94	33	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 09:10	0.9	102	27	1.6	0.0
11/08/2023 09:20	1.0	100	27	1.8	0.0
11/08/2023 09:30	0.9	97	25	1.6	0.0
11/08/2023 09:40	1.1	109	24	1.7	0.0
11/08/2023 09:50	1.0	109	35	1.9	0.0
11/08/2023 10:00	1.1	101	29	1.8	0.0
11/08/2023 10:10	1.3	114	40	2.0	0.0
11/08/2023 10:20	1.2	110	27	2.5	0.0
11/08/2023 10:30	1.2	129	35	2.0	0.0
11/08/2023 10:40	1.2	143	51	2.3	0.0
11/08/2023 10:50	1.0	117	67	2.0	0.0
11/08/2023 11:00	1.1	173	57	2.0	0.0
11/08/2023 11:10	1.8	178	30	3.6	0.0
11/08/2023 11:20	2.0	212	33	3.5	0.0
11/08/2023 11:30	1.4	221	53	2.9	0.0
11/08/2023 11:40	1.9	240	32	2.8	0.0
11/08/2023 11:50	1.6	194	47	2.4	0.0
11/08/2023 12:00	1.3	216	49	2.4	0.0
11/08/2023 12:10	1.4	248	73	3.0	0.0
11/08/2023 12:20	1.8	229	32	3.1	0.0
11/08/2023 12:30	1.1	247	48	2.4	0.0
11/08/2023 12:40	1.6	191	36	2.8	0.0
11/08/2023 12:50	1.5	243	53	3.1	0.0
11/08/2023 13:00	2.0	272	39	3.2	0.0
11/08/2023 13:10	2.2	255	28	3.3	0.0
11/08/2023 13:20	2.4	236	22	3.7	0.0
11/08/2023 13:30	2.1	256	30	3.3	0.0
11/08/2023 13:40	2.2	264	29	3.7	0.0
11/08/2023 13:50	1.7	259	31	3.1	0.0
11/08/2023 14:00	1.9	252	22	3.2	0.0
11/08/2023 14:10	1.6	268	53	2.8	0.0
11/08/2023 14:20	1.8	307	42	3.2	0.0
11/08/2023 14:30	2.0	282	36	3.2	0.0
11/08/2023 14:40	1.9	266	38	3.5	0.0
11/08/2023 14:50	2.1	240	26	3.0	0.0
11/08/2023 15:00	2.1	262	33	3.7	0.0
11/08/2023 15:10	2.2	263	26	3.8	0.0
11/08/2023 15:20	2.9	251	24	4.0	0.0
11/08/2023 15:30	2.8	261	18	4.0	0.0
11/08/2023 15:40	3.1	245	19	4.4	0.0
11/08/2023 15:50	2.9	251	21	4.5	0.0
11/08/2023 16:00	2.8	253	19	3.9	0.0
11/08/2023 16:10	2.9	249	17	4.3	0.0
11/08/2023 16:20	3.1	250	16	4.4	0.0
11/08/2023 16:30	2.9	249	16	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 16:40	2.8	252	18	3.9	0.0
11/08/2023 16:50	2.6	254	17	3.8	0.0
11/08/2023 17:00	2.3	250	18	3.4	0.0
11/08/2023 17:10	2.3	251	16	3.4	0.0
11/08/2023 17:20	2.9	252	15	3.9	0.0
11/08/2023 17:30	2.9	255	15	4.0	0.0
11/08/2023 17:40	2.9	256	17	4.6	0.0
11/08/2023 17:50	2.7	252	15	4.0	0.0
11/08/2023 18:00	2.1	258	19	3.3	0.0
11/08/2023 18:10	2.5	255	15	4.2	0.0
11/08/2023 18:20	3.1	256	15	4.4	0.0
11/08/2023 18:30	2.5	261	18	3.4	0.0
11/08/2023 18:40	2.3	258	15	3.4	0.0
11/08/2023 18:50	2.7	258	15	4.2	0.0
11/08/2023 19:00	2.2	264	17	3.3	0.0
11/08/2023 19:10	1.8	266	18	2.8	0.0
11/08/2023 19:20	1.7	255	18	2.4	0.0
11/08/2023 19:30	1.7	259	15	2.2	0.0
11/08/2023 19:40	1.5	262	14	2.0	0.0
11/08/2023 19:50	1.7	270	17	2.4	0.0
11/08/2023 20:00	2.2	265	15	3.3	0.0
11/08/2023 20:10	2.3	261	16	3.0	0.0
11/08/2023 20:20	2.3	261	14	3.0	0.0
11/08/2023 20:30	2.1	260	16	2.8	0.0
11/08/2023 20:40	1.8	255	15	2.5	0.0
11/08/2023 20:50	1.7	250	17	2.8	0.0
11/08/2023 21:00	1.8	260	14	2.5	0.0
11/08/2023 21:10	2.3	263	16	3.2	0.0
11/08/2023 21:20	2.2	263	16	3.1	0.0
11/08/2023 21:30	2.1	265	14	3.1	0.0
11/08/2023 21:40	1.8	266	15	2.6	0.0
11/08/2023 21:50	1.5	257	15	2.2	0.0
11/08/2023 22:00	1.4	257	13	2.0	0.0
11/08/2023 22:10	1.8	258	15	2.6	0.0
11/08/2023 22:20	2.0	265	14	2.8	0.0
11/08/2023 22:30	1.9	268	14	2.8	0.0
11/08/2023 22:40	1.8	267	16	2.4	0.0
11/08/2023 22:50	1.8	272	16	2.7	0.0
11/08/2023 23:00	1.9	274	20	2.7	0.0
11/08/2023 23:10	2.0	275	15	3.1	0.0
11/08/2023 23:20	1.8	268	16	2.3	0.0
11/08/2023 23:30	2.0	263	15	2.8	0.0
11/08/2023 23:40	1.8	265	13	2.5	0.0
11/08/2023 23:50	1.8	271	15	2.4	0.0
12/08/2023 00:00	1.8	272	15	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 00:10	2.0	273	16	2.8	0.0
12/08/2023 00:20	2.1	273	14	2.8	0.0
12/08/2023 00:30	1.9	282	17	2.4	0.0
12/08/2023 00:40	1.7	293	17	2.3	0.0
12/08/2023 00:50	1.8	285	18	2.6	0.0
12/08/2023 01:00	1.8	282	19	2.8	0.0
12/08/2023 01:10	1.8	276	17	2.7	0.0
12/08/2023 01:20	1.4	282	18	2.2	0.0
12/08/2023 01:30	1.7	285	22	2.6	0.0
12/08/2023 01:40	1.9	300	17	2.7	0.0
12/08/2023 01:50	1.9	296	19	2.8	0.0
12/08/2023 02:00	1.6	291	17	2.1	0.0
12/08/2023 02:10	1.6	283	20	2.2	0.0
12/08/2023 02:20	1.7	288	18	2.8	0.0
12/08/2023 02:30	1.8	286	19	2.7	0.0
12/08/2023 02:40	2.0	269	16	3.0	0.0
12/08/2023 02:50	2.2	265	14	2.8	0.0
12/08/2023 03:00	2.2	261	17	3.1	0.0
12/08/2023 03:10	2.2	263	18	3.2	0.0
12/08/2023 03:20	1.9	257	18	2.8	0.0
12/08/2023 03:30	1.7	257	17	2.4	0.0
12/08/2023 03:40	1.6	261	17	2.3	0.0
12/08/2023 03:50	1.6	267	16	2.2	0.0
12/08/2023 04:00	1.6	262	19	2.5	0.0
12/08/2023 04:10	1.4	260	16	2.0	0.0
12/08/2023 04:20	1.5	260	19	2.0	0.0
12/08/2023 04:30	1.1	242	20	2.0	0.0
12/08/2023 04:40	1.1	223	26	1.9	0.0
12/08/2023 04:50	1.3	225	21	2.4	0.0
12/08/2023 05:00	1.7	215	16	2.5	0.0
12/08/2023 05:10	2.1	217	16	2.9	0.0
12/08/2023 05:20	2.0	220	18	3.2	0.0
12/08/2023 05:30	2.2	229	19	3.5	0.0
12/08/2023 05:40	2.2	227	21	3.3	0.0
12/08/2023 05:50	2.1	216	16	3.0	0.0
12/08/2023 06:00	2.0	214	15	3.0	0.0
12/08/2023 06:10	1.7	222	18	2.5	0.0
12/08/2023 06:20	2.2	222	16	3.8	0.0
12/08/2023 06:30	2.3	223	15	3.8	0.0
12/08/2023 06:40	2.1	223	18	3.3	0.0
12/08/2023 06:50	1.7	233	21	2.8	0.0
12/08/2023 07:00	1.5	235	17	2.2	0.0
12/08/2023 07:10	1.3	245	17	1.9	0.0
12/08/2023 07:20	1.1	244	17	2.0	0.0
12/08/2023 07:30	0.1	166	8	0.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 07:40	0.1	253	16	0.7	0.0
12/08/2023 07:50	0.7	188	36	2.0	0.0
12/08/2023 08:00	0.8	95	28	1.4	0.0
12/08/2023 08:10	1.5	70	21	2.5	0.0
12/08/2023 08:20	1.4	76	26	2.4	0.0
12/08/2023 08:30	1.2	98	24	2.0	0.0
12/08/2023 08:40	0.8	120	42	1.5	0.0
12/08/2023 08:50	0.9	125	33	1.5	0.0
12/08/2023 09:00	0.9	108	39	1.6	0.0
12/08/2023 09:10	1.0	112	27	2.0	0.0
12/08/2023 09:20	1.1	101	30	1.9	0.0
12/08/2023 09:30	1.4	96	29	2.2	0.0
12/08/2023 09:40	1.4	95	33	2.3	0.0
12/08/2023 09:50	1.2	62	35	2.1	0.0
12/08/2023 10:00	1.2	91	30	2.2	0.0
12/08/2023 10:10	1.4	89	33	2.4	0.0
12/08/2023 10:20	1.4	102	33	2.2	0.0
12/08/2023 10:30	1.4	103	34	2.3	0.0
12/08/2023 10:40	1.3	125	44	2.2	0.0
12/08/2023 10:50	1.2	139	46	2.1	0.0
12/08/2023 11:00	1.2	144	30	2.4	0.0
12/08/2023 11:10	1.2	158	51	2.1	0.0
12/08/2023 11:20	1.3	91	31	2.2	0.0
12/08/2023 11:30	1.3	343	44	2.2	0.0
12/08/2023 11:40	1.9	315	25	2.9	0.0
12/08/2023 11:50	1.9	305	32	2.7	0.0
12/08/2023 12:00	1.8	270	44	2.9	0.0
12/08/2023 12:10	2.1	256	31	4.0	0.0
12/08/2023 12:20	2.1	249	32	3.4	0.0
12/08/2023 12:30	1.5	274	36	2.7	0.0
12/08/2023 12:40	1.3	311	48	2.5	0.0
12/08/2023 12:50	1.8	278	35	3.4	0.0
12/08/2023 13:00	1.6	276	54	2.7	0.0
12/08/2023 13:10	1.6	310	43	2.8	0.0
12/08/2023 13:20	1.9	318	39	3.4	0.0
12/08/2023 13:30	1.6	312	49	2.9	0.0
12/08/2023 13:40	1.7	289	52	3.1	0.0
12/08/2023 13:50	1.8	332	32	3.2	0.0
12/08/2023 14:00	2.4	333	30	3.6	0.0
12/08/2023 14:10	2.0	316	39	3.3	0.0
12/08/2023 14:20	2.1	332	35	3.2	0.0
12/08/2023 14:30	2.0	317	40	3.2	0.0
12/08/2023 14:40	2.3	323	31	3.7	0.0
12/08/2023 14:50	2.4	328	32	3.7	0.0
12/08/2023 15:00	3.0	334	30	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 15:10	3.0	331	34	6.2	0.0
12/08/2023 15:20	3.3	329	24	5.8	0.0
12/08/2023 15:30	3.2	336	30	5.3	0.0
12/08/2023 15:40	2.7	335	29	4.2	0.0
12/08/2023 15:50	2.4	312	40	4.1	0.0
12/08/2023 16:00	2.5	311	32	4.4	0.0
12/08/2023 16:10	2.2	323	37	4.0	0.0
12/08/2023 16:20	2.4	313	40	3.8	0.0
12/08/2023 16:30	2.5	314	34	4.4	0.0
12/08/2023 16:40	2.2	309	32	3.7	0.0
12/08/2023 16:50	2.0	278	37	3.6	0.0
12/08/2023 17:00	1.7	266	30	2.9	0.0
12/08/2023 17:10	2.0	294	40	3.9	0.0
12/08/2023 17:20	2.0	294	37	3.4	0.0
12/08/2023 17:30	2.1	308	36	3.8	0.0
12/08/2023 17:40	2.1	298	41	4.0	0.0
12/08/2023 17:50	2.3	316	25	3.6	0.0
12/08/2023 18:00	2.2	323	38	3.8	0.0
12/08/2023 18:10	1.8	278	42	3.4	0.0
12/08/2023 18:20	1.6	266	34	2.8	0.0
12/08/2023 18:30	1.7	249	22	3.0	0.0
12/08/2023 18:40	1.7	251	25	3.0	0.0
12/08/2023 18:50	1.6	258	19	2.9	0.0
12/08/2023 19:00	1.9	251	21	3.1	0.0
12/08/2023 19:10	1.8	235	13	2.8	0.0
12/08/2023 19:20	1.3	253	17	2.1	0.0
12/08/2023 19:30	1.3	259	21	2.4	0.0
12/08/2023 19:40	1.5	259	18	2.2	0.0
12/08/2023 19:50	1.6	268	23	2.4	0.0
12/08/2023 20:00	2.2	250	15	3.5	0.0
12/08/2023 20:10	1.9	268	20	2.8	0.0
12/08/2023 20:20	2.0	260	21	2.9	0.0
12/08/2023 20:30	1.4	259	22	2.5	0.0
12/08/2023 20:40	1.9	255	19	2.9	0.0
12/08/2023 20:50	1.9	260	24	3.2	0.0
12/08/2023 21:00	1.7	261	23	2.7	0.0
12/08/2023 21:10	1.6	251	21	2.5	0.0
12/08/2023 21:20	1.6	262	21	2.6	0.0
12/08/2023 21:30	1.8	271	20	3.0	0.0
12/08/2023 21:40	1.8	266	24	2.9	0.0
12/08/2023 21:50	1.3	265	26	2.3	0.0
12/08/2023 22:00	1.9	263	17	3.0	0.0
12/08/2023 22:10	1.6	270	21	2.8	0.0
12/08/2023 22:20	1.9	261	19	3.2	0.0
12/08/2023 22:30	2.2	256	18	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 22:40	2.9	254	15	4.3	0.0
12/08/2023 22:50	2.9	254	15	4.0	0.0
12/08/2023 23:00	2.8	255	15	4.4	0.0
12/08/2023 23:10	2.6	264	15	3.7	0.0
12/08/2023 23:20	2.9	265	16	4.3	0.0
12/08/2023 23:30	3.1	263	15	4.4	0.0
12/08/2023 23:40	2.9	261	16	4.2	0.0
12/08/2023 23:50	3.1	265	13	4.1	0.0
13/08/2023 00:00	2.8	266	16	4.6	0.0
13/08/2023 00:10	3.2	256	15	4.5	0.0
13/08/2023 00:20	3.1	256	17	4.6	0.0
13/08/2023 00:30	3.4	251	14	4.7	0.0
13/08/2023 00:40	3.4	253	16	4.7	0.0
13/08/2023 00:50	2.9	250	15	4.2	0.0
13/08/2023 01:00	2.9	247	21	4.3	0.0
13/08/2023 01:10	3.3	240	17	4.8	0.0
13/08/2023 01:20	3.7	242	18	5.2	0.0
13/08/2023 01:30	3.5	244	17	4.9	0.0
13/08/2023 01:40	3.1	251	20	4.8	0.0
13/08/2023 01:50	2.7	253	19	4.4	0.0
13/08/2023 02:00	3.6	256	17	5.3	0.0
13/08/2023 02:10	3.6	260	16	5.1	0.0
13/08/2023 02:20	3.4	257	15	4.9	0.0
13/08/2023 02:30	3.1	254	18	4.6	0.0
13/08/2023 02:40	3.2	254	18	4.5	0.0
13/08/2023 02:50	3.0	258	18	5.0	0.0
13/08/2023 03:00	2.7	251	18	4.2	0.0
13/08/2023 03:10	2.5	250	17	3.8	0.0
13/08/2023 03:20	2.7	252	18	3.9	0.0
13/08/2023 03:30	2.8	251	18	4.5	0.0
13/08/2023 03:40	2.7	247	16	4.0	0.0
13/08/2023 03:50	2.6	256	17	4.0	0.0
13/08/2023 04:00	3.1	259	14	4.5	0.0
13/08/2023 04:10	2.8	260	17	4.0	0.0
13/08/2023 04:20	3.0	258	17	4.1	0.0
13/08/2023 04:30	3.1	263	15	4.7	0.0
13/08/2023 04:40	3.0	260	17	4.4	0.0
13/08/2023 04:50	2.8	261	15	4.0	0.0
13/08/2023 05:00	2.7	262	17	4.1	0.0
13/08/2023 05:10	3.2	262	14	4.2	0.0
13/08/2023 05:20	3.2	260	15	4.4	0.0
13/08/2023 05:30	3.1	262	15	4.2	0.0
13/08/2023 05:40	3.1	259	14	4.2	0.0
13/08/2023 05:50	3.1	260	14	4.0	0.0
13/08/2023 06:00	3.1	259	13	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 06:10	2.8	261	17	4.0	0.0
13/08/2023 06:20	3.0	261	14	4.0	0.0
13/08/2023 06:30	2.9	265	13	4.1	0.0
13/08/2023 06:40	2.7	262	15	4.0	0.0
13/08/2023 06:50	2.9	265	15	4.1	0.0
13/08/2023 07:00	2.8	261	15	4.0	0.0
13/08/2023 07:10	2.9	262	17	4.1	0.0
13/08/2023 07:20	2.6	259	17	4.0	0.0
13/08/2023 07:30	2.7	255	17	4.0	0.0
13/08/2023 07:40	2.7	256	17	3.6	0.0
13/08/2023 07:50	2.7	257	17	4.1	0.0
13/08/2023 08:00	2.6	243	18	3.9	0.0
13/08/2023 08:10	2.7	251	17	4.0	0.0
13/08/2023 08:20	2.8	241	17	4.0	0.0
13/08/2023 08:30	2.8	240	20	3.8	0.0
13/08/2023 08:40	3.0	233	19	4.7	0.0
13/08/2023 08:50	2.8	233	22	4.4	0.0
13/08/2023 09:00	3.2	234	19	4.8	0.0
13/08/2023 09:10	3.6	222	20	4.7	0.0
13/08/2023 09:20	3.7	219	17	5.4	0.0
13/08/2023 09:30	3.4	226	21	5.2	0.0
13/08/2023 09:40	3.3	218	19	4.4	0.0
13/08/2023 09:50	3.0	219	19	4.5	0.0
13/08/2023 10:00	2.9	213	18	4.2	0.0
13/08/2023 10:10	2.2	198	26	3.2	0.0
13/08/2023 10:20	2.2	197	29	3.4	0.0
13/08/2023 10:30	2.2	205	33	4.1	0.0
13/08/2023 10:40	2.0	198	23	3.5	0.0
13/08/2023 10:50	1.6	210	61	3.2	0.0
13/08/2023 11:00	1.5	185	51	2.6	0.0
13/08/2023 11:10	2.1	260	22	3.2	0.0
13/08/2023 11:20	2.6	247	21	3.8	0.0
13/08/2023 11:30	2.6	253	24	3.9	0.0
13/08/2023 11:40	2.5	245	19	3.6	0.0
13/08/2023 11:50	2.4	252	33	3.6	0.0
13/08/2023 12:00	2.1	259	41	3.5	0.0
13/08/2023 12:10	2.5	254	23	4.5	0.0
13/08/2023 12:20	2.6	254	29	3.9	0.0
13/08/2023 12:30	3.0	247	24	4.7	0.0
13/08/2023 12:40	3.3	238	20	4.8	0.0
13/08/2023 12:50	3.2	247	15	4.4	0.0
13/08/2023 13:00	3.3	247	19	4.8	0.0
13/08/2023 13:10	3.6	246	16	4.8	0.0
13/08/2023 13:20	3.4	251	18	4.4	0.0
13/08/2023 13:30	3.8	245	17	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 13:40	3.8	244	17	5.2	0.0
13/08/2023 13:50	3.8	246	17	5.4	0.0
13/08/2023 14:00	4.0	249	15	5.3	0.0
13/08/2023 14:10	4.1	247	18	5.6	0.0
13/08/2023 14:20	3.9	250	17	5.3	0.0
13/08/2023 14:30	3.9	249	19	5.3	0.0
13/08/2023 14:40	3.7	243	17	5.4	0.0
13/08/2023 14:50	3.5	246	16	5.0	0.0
13/08/2023 15:00	4.0	243	15	5.3	0.0
13/08/2023 15:10	4.1	248	14	5.4	0.0
13/08/2023 15:20	3.7	250	18	5.4	0.0
13/08/2023 15:30	4.0	247	15	5.8	0.0
13/08/2023 15:40	4.0	245	16	5.7	0.0
13/08/2023 15:50	3.5	256	17	5.1	0.0
13/08/2023 16:00	4.0	246	19	5.5	0.0
13/08/2023 16:10	4.6	250	17	6.4	0.0
13/08/2023 16:20	4.7	252	16	6.7	0.0
13/08/2023 16:30	4.9	246	16	6.8	0.0
13/08/2023 16:40	5.0	250	15	7.5	0.0
13/08/2023 16:50	4.3	250	17	6.3	0.0
13/08/2023 17:00	4.1	252	16	6.4	0.0
13/08/2023 17:10	4.6	248	16	6.7	0.0
13/08/2023 17:20	4.7	250	16	7.2	0.0
13/08/2023 17:30	4.7	251	13	7.0	0.0
13/08/2023 17:40	4.1	251	14	6.3	0.0
13/08/2023 17:50	4.0	263	20	6.5	0.0
13/08/2023 18:00	3.4	258	21	5.8	0.0
13/08/2023 18:10	3.4	256	16	5.6	0.0
13/08/2023 18:20	3.9	252	18	5.7	0.0
13/08/2023 18:30	4.2	250	14	6.3	0.0
13/08/2023 18:40	4.1	250	14	5.6	0.0
13/08/2023 18:50	4.1	250	18	6.4	0.0
13/08/2023 19:00	3.7	247	18	5.4	0.0
13/08/2023 19:10	3.9	247	16	5.8	0.0
13/08/2023 19:20	3.8	248	21	5.9	0.0
13/08/2023 19:30	3.9	248	17	6.3	0.0
13/08/2023 19:40	3.8	240	20	6.1	0.0
13/08/2023 19:50	3.7	245	18	5.4	0.0
13/08/2023 20:00	2.8	251	20	4.6	0.0
13/08/2023 20:10	3.5	253	19	5.2	0.0
13/08/2023 20:20	3.4	249	17	4.8	0.0
13/08/2023 20:30	3.4	251	19	4.8	0.0
13/08/2023 20:40	3.4	241	19	4.9	0.0
13/08/2023 20:50	3.4	245	18	5.3	0.0
13/08/2023 21:00	2.9	248	16	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 21:10	2.9	245	18	4.7	0.0
13/08/2023 21:20	3.0	246	18	4.4	0.0
13/08/2023 21:30	2.7	248	20	4.4	0.0
13/08/2023 21:40	2.5	258	17	3.6	0.0
13/08/2023 21:50	2.2	253	20	4.1	0.0
13/08/2023 22:00	2.3	258	17	3.3	0.0
13/08/2023 22:10	2.3	250	19	4.7	0.0
13/08/2023 22:20	2.4	257	17	3.8	0.0
13/08/2023 22:30	2.2	249	17	3.4	0.0
13/08/2023 22:40	2.2	245	18	3.9	0.0
13/08/2023 22:50	2.5	246	17	3.8	0.0
13/08/2023 23:00	2.6	259	18	4.5	0.0
13/08/2023 23:10	2.7	262	17	3.9	0.0
13/08/2023 23:20	2.4	256	17	3.6	0.0
13/08/2023 23:30	2.5	254	16	4.2	0.0
13/08/2023 23:40	2.6	254	21	4.4	0.0
13/08/2023 23:50	2.6	260	16	4.0	0.0
14/08/2023 00:00	2.6	263	18	4.0	0.0
14/08/2023 00:10	2.7	261	19	3.8	0.0
14/08/2023 00:20	2.8	259	17	4.4	0.0
14/08/2023 00:30	2.9	247	18	4.6	0.0
14/08/2023 00:40	3.1	247	20	4.4	0.0
14/08/2023 00:50	2.9	251	16	4.4	0.0
14/08/2023 01:00	2.8	252	15	4.0	0.0
14/08/2023 01:10	2.5	251	19	4.1	0.0
14/08/2023 01:20	3.0	256	14	4.1	0.0
14/08/2023 01:30	3.2	261	16	4.3	0.0
14/08/2023 01:40	2.9	258	15	4.1	0.0
14/08/2023 01:50	3.0	256	14	4.0	0.0
14/08/2023 02:00	2.5	253	15	3.8	0.0
14/08/2023 02:10	2.2	253	17	3.2	0.0
14/08/2023 02:20	2.8	259	15	3.9	0.0
14/08/2023 02:30	2.6	253	16	3.8	0.0
14/08/2023 02:40	2.5	250	18	3.8	0.0
14/08/2023 02:50	2.6	243	18	4.2	0.0
14/08/2023 03:00	2.4	252	19	3.5	0.0
14/08/2023 03:10	2.5	239	17	3.6	0.0
14/08/2023 03:20	2.5	238	17	3.6	0.0
14/08/2023 03:30	2.2	249	19	3.1	0.0
14/08/2023 03:40	2.1	245	16	3.3	0.0
14/08/2023 03:50	2.1	249	15	3.4	0.0
14/08/2023 04:00	2.4	260	14	3.3	0.0
14/08/2023 04:10	2.1	257	17	3.2	0.0
14/08/2023 04:20	2.3	261	14	3.2	0.0
14/08/2023 04:30	2.4	262	15	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 04:40	2.3	264	15	3.5	0.0
14/08/2023 04:50	2.1	257	16	3.1	0.0
14/08/2023 05:00	2.1	261	18	2.9	0.0
14/08/2023 05:10	1.3	253	21	2.4	0.0
14/08/2023 05:20	1.0	253	12	1.9	0.0
14/08/2023 05:30	1.8	265	14	2.4	0.0
14/08/2023 05:40	2.1	263	13	3.0	0.0
14/08/2023 05:50	2.1	264	12	2.9	0.0
14/08/2023 06:00	1.8	264	15	2.7	0.0
14/08/2023 06:10	1.7	266	17	2.4	0.0
14/08/2023 06:20	1.9	255	15	2.8	0.0
14/08/2023 06:30	2.1	261	12	2.8	0.0
14/08/2023 06:40	1.9	260	15	2.8	0.0
14/08/2023 06:50	2.1	259	14	3.0	0.0
14/08/2023 07:00	2.0	253	16	2.8	0.0
14/08/2023 07:10	1.7	250	18	2.6	0.0
14/08/2023 07:20	1.6	247	18	2.3	0.0
14/08/2023 07:30	1.9	241	15	2.8	0.0
14/08/2023 07:40	2.3	232	16	3.1	0.0
14/08/2023 07:50	1.7	256	20	2.6	0.0
14/08/2023 08:00	1.7	262	14	2.3	0.0
14/08/2023 08:10	1.5	263	19	2.1	0.0
14/08/2023 08:20	1.4	257	25	2.3	0.0
14/08/2023 08:30	1.2	262	24	2.1	0.0
14/08/2023 08:40	1.2	252	30	2.0	0.0
14/08/2023 08:50	1.4	234	30	2.0	0.0
14/08/2023 09:00	1.4	217	28	2.6	0.0
14/08/2023 09:10	1.7	238	23	2.4	0.0
14/08/2023 09:20	2.0	260	22	2.8	0.0
14/08/2023 09:30	2.3	251	19	3.6	0.0
14/08/2023 09:40	2.3	244	19	3.4	0.0
14/08/2023 09:50	2.6	249	20	4.0	0.0
14/08/2023 10:00	2.7	259	22	4.0	0.0
14/08/2023 10:10	3.1	253	20	4.8	0.0
14/08/2023 10:20	2.7	255	24	4.0	0.0
14/08/2023 10:30	3.1	240	19	5.1	0.0
14/08/2023 10:40	3.3	255	20	4.9	0.0
14/08/2023 10:50	2.9	261	22	4.4	0.0
14/08/2023 11:00	3.3	253	22	4.9	0.0
14/08/2023 11:10	3.5	240	17	4.9	0.0
14/08/2023 11:20	3.0	257	22	4.8	0.0
14/08/2023 11:30	3.2	248	20	4.9	0.0
14/08/2023 11:40	3.0	247	23	4.2	0.0
14/08/2023 11:50	2.5	254	28	3.6	0.0
14/08/2023 12:00	3.0	253	22	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 12:10	2.5	268	39	4.6	0.0
14/08/2023 12:20	2.8	255	25	4.8	0.0
14/08/2023 12:30	2.9	266	32	5.0	0.0
14/08/2023 12:40	2.7	258	28	4.6	0.0
14/08/2023 12:50	3.2	253	21	5.0	0.0
14/08/2023 13:00	3.7	243	21	5.6	0.0
14/08/2023 13:10	3.8	241	18	5.8	0.0
14/08/2023 13:20	4.0	244	17	6.0	0.0
14/08/2023 13:30	3.9	238	17	5.5	0.0
14/08/2023 13:40	3.9	245	18	5.6	0.0
14/08/2023 13:50	3.6	240	16	5.2	0.0
14/08/2023 14:00	3.8	243	18	5.5	0.0
14/08/2023 14:10	3.7	234	18	5.3	0.0
14/08/2023 14:20	3.5	238	17	5.2	0.0
14/08/2023 14:30	3.7	241	22	5.7	0.0
14/08/2023 14:40	4.0	248	20	5.6	0.0
14/08/2023 14:50	3.7	246	18	5.2	0.0
14/08/2023 15:00	3.5	243	20	5.1	0.0
14/08/2023 15:10	3.9	244	22	5.4	0.0
14/08/2023 15:20	3.6	249	20	5.2	0.0
14/08/2023 15:30	3.8	249	15	5.4	0.0
14/08/2023 15:40	3.9	247	20	6.1	0.0
14/08/2023 15:50	3.8	248	17	5.4	0.0
14/08/2023 16:00	3.8	241	21	5.3	0.0
14/08/2023 16:10	3.6	249	18	5.4	0.0
14/08/2023 16:20	3.6	250	17	5.2	0.0
14/08/2023 16:30	3.5	256	18	5.2	0.0
14/08/2023 16:40	3.6	243	17	5.0	0.0
14/08/2023 16:50	3.5	247	17	5.3	0.0
14/08/2023 17:00	3.3	244	19	5.0	0.0
14/08/2023 17:10	3.4	245	19	4.8	0.0
14/08/2023 17:20	3.3	238	18	4.5	0.0
14/08/2023 17:30	3.4	248	15	4.8	0.0
14/08/2023 17:40	3.3	250	17	4.9	0.0
14/08/2023 17:50	3.0	246	17	4.4	0.0
14/08/2023 18:00	2.9	243	18	4.4	0.0
14/08/2023 18:10	3.0	245	17	4.3	0.0
14/08/2023 18:20	2.8	247	18	4.2	0.0
14/08/2023 18:30	2.8	244	17	4.2	0.0
14/08/2023 18:40	2.5	252	19	4.0	0.0
14/08/2023 18:50	2.8	249	17	4.0	0.0
14/08/2023 19:00	3.3	247	15	4.8	0.0
14/08/2023 19:10	2.8	244	18	4.4	0.0
14/08/2023 19:20	2.4	244	21	3.6	0.0
14/08/2023 19:30	2.5	252	16	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 19:40	2.6	241	18	3.8	0.0
14/08/2023 19:50	2.3	247	16	3.5	0.0
14/08/2023 20:00	2.3	246	18	3.6	0.0
14/08/2023 20:10	1.8	245	21	2.8	0.0
14/08/2023 20:20	2.1	246	18	3.6	0.0
14/08/2023 20:30	2.0	254	19	3.2	0.0
14/08/2023 20:40	1.7	254	18	2.8	0.0
14/08/2023 20:50	1.8	250	18	3.0	0.0
14/08/2023 21:00	2.3	248	18	3.6	0.0
14/08/2023 21:10	2.1	249	16	3.4	0.0
14/08/2023 21:20	1.7	228	22	3.0	0.0
14/08/2023 21:30	1.2	223	21	1.9	0.0
14/08/2023 21:40	1.6	231	20	2.5	0.0
14/08/2023 21:50	1.8	230	18	3.2	0.0
14/08/2023 22:00	2.1	243	24	3.4	0.0
14/08/2023 22:10	2.3	248	15	3.1	0.0
14/08/2023 22:20	2.2	247	17	3.5	0.0
14/08/2023 22:30	2.1	242	17	3.0	0.0
14/08/2023 22:40	1.8	255	14	2.5	0.0
14/08/2023 22:50	1.7	263	13	2.4	0.0
14/08/2023 23:00	1.7	266	14	2.4	0.0
14/08/2023 23:10	1.6	261	12	2.1	0.0
14/08/2023 23:20	1.4	253	13	1.9	0.0
14/08/2023 23:30	1.6	262	14	2.1	0.0
14/08/2023 23:40	1.8	268	14	2.4	0.0
14/08/2023 23:50	1.7	264	13	2.4	0.0
15/08/2023 00:00	1.4	268	15	1.9	0.0
15/08/2023 00:10	1.0	306	16	1.4	0.0
15/08/2023 00:20	1.0	295	13	1.3	0.0
15/08/2023 00:30	1.0	291	14	1.5	0.0
15/08/2023 00:40	1.0	290	19	1.6	0.0
15/08/2023 00:50	0.5	267	10	1.3	0.0
15/08/2023 01:00	0.9	263	15	1.7	0.0
15/08/2023 01:10	1.3	268	14	1.9	0.0
15/08/2023 01:20	1.3	263	12	1.7	0.0
15/08/2023 01:30	1.0	277	23	1.6	0.0
15/08/2023 01:40	1.0	302	19	1.5	0.0
15/08/2023 01:50	0.9	305	16	1.2	0.0
15/08/2023 02:00	0.2	230	7	0.8	0.0
15/08/2023 02:10					0.0
15/08/2023 02:20	0.4	157	11	1.3	0.0
15/08/2023 02:30	1.0	258	27	1.8	0.0
15/08/2023 02:40	0.5	217	24	1.2	0.0
15/08/2023 02:50	0.3	315	17	1.6	0.0
15/08/2023 03:00	0.1	234	6	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 03:10	0.8	270	16	1.6	0.0
15/08/2023 03:20	1.5	272	18	2.1	0.0
15/08/2023 03:30	1.4	266	24	2.1	0.0
15/08/2023 03:40	1.4	263	20	2.0	0.0
15/08/2023 03:50	1.4	261	19	2.2	0.0
15/08/2023 04:00	1.2	264	33	2.2	0.0
15/08/2023 04:10	1.0	272	24	1.6	0.0
15/08/2023 04:20	0.9	256	17	1.5	0.0
15/08/2023 04:30	1.0	258	16	1.5	0.0
15/08/2023 04:40	1.2	263	13	1.6	0.0
15/08/2023 04:50	1.5	258	12	2.0	0.0
15/08/2023 05:00	1.2	256	12	1.7	0.0
15/08/2023 05:10	0.7	281	28	1.3	0.0
15/08/2023 05:20	0.3	146	29	1.1	0.0
15/08/2023 05:30	0.4	352	7	1.1	0.0
15/08/2023 05:40	0.7	336	8	1.3	0.0
15/08/2023 05:50	0.9	335	11	1.4	0.0
15/08/2023 06:00	0.9	341	9	1.3	0.0
15/08/2023 06:10	1.2	334	8	1.6	0.0
15/08/2023 06:20	1.0	336	10	1.4	0.0
15/08/2023 06:30	0.6	345	13	1.2	0.0
15/08/2023 06:40	0.8	343	9	1.4	0.0
15/08/2023 06:50	0.8	324	9	1.4	0.0
15/08/2023 07:00	0.6	302	11	1.3	0.0
15/08/2023 07:10	0.4	292	7	1.3	0.0
15/08/2023 07:20	0.0	353	3	0.6	0.0
15/08/2023 07:30	0.6	329	7	1.4	0.0
15/08/2023 07:40	0.5	329	28	1.2	0.0
15/08/2023 07:50	0.8	10	27	1.5	0.0
15/08/2023 08:00	0.3	187	23	0.9	0.0
15/08/2023 08:10	0.8	333	44	1.8	0.0
15/08/2023 08:20	1.2	174	26	2.4	0.0
15/08/2023 08:30	0.7	183	33	1.5	0.0
15/08/2023 08:40	1.3	173	36	2.8	0.0
15/08/2023 08:50	1.4	356	37	2.8	0.0
15/08/2023 09:00	1.4	357	44	2.8	0.0
15/08/2023 09:10	1.5	182	38	2.7	0.0
15/08/2023 09:20	2.2	348	29	3.9	0.0
15/08/2023 09:30	2.4	327	31	4.5	0.0
15/08/2023 09:40	2.5	345	36	4.4	0.0
15/08/2023 09:50	2.4	331	30	4.4	0.0
15/08/2023 10:00	2.3	298	44	4.4	0.0
15/08/2023 10:10	2.5	302	37	4.0	0.0
15/08/2023 10:20	2.3	306	45	4.0	0.0
15/08/2023 10:30	2.7	308	40	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 10:40	2.5	316	36	4.8	0.0
15/08/2023 10:50	2.6	315	38	4.4	0.0
15/08/2023 11:00	2.4	291	49	4.2	0.0
15/08/2023 11:10	2.6	275	41	5.2	0.0
15/08/2023 11:20	2.8	291	41	5.0	0.0
15/08/2023 11:30	3.0	308	39	5.1	0.0
15/08/2023 11:40	2.9	317	37	4.8	0.0
15/08/2023 11:50	2.7	278	44	5.2	0.0
15/08/2023 12:00	2.7	298	51	4.7	0.0
15/08/2023 12:10	2.9	284	42	4.8	0.0
15/08/2023 12:20	2.9	271	43	4.9	0.0
15/08/2023 12:30	3.0	313	40	5.5	0.0
15/08/2023 12:40	2.9	296	45	5.4	0.0
15/08/2023 12:50	3.5	285	46	6.2	0.0
15/08/2023 13:00	2.9	317	35	5.2	0.0
15/08/2023 13:10	3.0	300	37	4.8	0.0
15/08/2023 13:20	3.2	296	44	5.6	0.0
15/08/2023 13:30	3.0	305	46	5.5	0.0
15/08/2023 13:40	2.7	311	42	4.7	0.0
15/08/2023 13:50	2.9	311	41	5.6	0.0
15/08/2023 14:00	3.3	302	43	5.4	0.0
15/08/2023 14:10	3.2	298	39	5.6	0.0
15/08/2023 14:20	2.9	305	37	5.4	0.0
15/08/2023 14:30	3.1	295	47	5.1	0.0
15/08/2023 14:40	2.9	312	36	4.8	0.0
15/08/2023 14:50	3.2	301	39	5.8	0.0
15/08/2023 15:00	3.1	286	38	5.2	0.0
15/08/2023 15:10	3.2	258	32	5.2	0.0
15/08/2023 15:20	3.2	260	24	5.9	0.0
15/08/2023 15:30	3.8	252	23	6.0	0.0
15/08/2023 15:40	4.3	239	18	6.2	0.0
15/08/2023 15:50	4.5	232	17	6.3	0.0
15/08/2023 16:00	4.1	239	18	6.2	0.0
15/08/2023 16:10	4.1	241	17	6.2	0.0
15/08/2023 16:20	4.4	236	19	6.4	0.0
15/08/2023 16:30	4.3	242	17	6.2	0.0
15/08/2023 16:40	4.2	243	18	5.6	0.0
15/08/2023 16:50	4.2	246	16	6.2	0.0
15/08/2023 17:00	3.8	252	18	6.0	0.0
15/08/2023 17:10	3.6	257	20	5.6	0.0
15/08/2023 17:20	3.8	248	19	5.6	0.0
15/08/2023 17:30	3.5	251	20	5.2	0.0
15/08/2023 17:40	3.7	252	18	5.4	0.0
15/08/2023 17:50	3.6	260	20	5.2	0.0
15/08/2023 18:00	3.7	256	19	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 18:10	3.6	259	18	5.2	0.0
15/08/2023 18:20	3.3	261	25	5.5	0.0
15/08/2023 18:30	3.5	260	18	5.5	0.0
15/08/2023 18:40	3.0	264	24	4.6	0.0
15/08/2023 18:50	2.9	256	20	4.6	0.0
15/08/2023 19:00	3.6	259	17	5.2	0.0
15/08/2023 19:10	3.5	253	19	5.5	0.0
15/08/2023 19:20	3.7	251	14	5.8	0.0
15/08/2023 19:30	3.3	253	19	5.2	0.0
15/08/2023 19:40	3.5	254	19	5.9	0.0
15/08/2023 19:50	3.3	249	19	5.1	0.0
15/08/2023 20:00	3.0	253	18	4.8	0.0
15/08/2023 20:10	3.0	250	18	5.2	0.0
15/08/2023 20:20	3.2	253	20	4.9	0.0
15/08/2023 20:30	2.7	251	18	4.1	0.0
15/08/2023 20:40	3.7	256	19	5.3	0.0
15/08/2023 20:50	3.2	256	21	5.2	0.0
15/08/2023 21:00	3.3	254	18	5.1	0.0
15/08/2023 21:10	3.7	251	17	6.0	0.0
15/08/2023 21:20	3.7	256	17	5.6	0.0
15/08/2023 21:30	3.8	254	19	5.5	0.0
15/08/2023 21:40	3.6	254	18	5.0	0.0
15/08/2023 21:50	3.3	251	17	5.0	0.0
15/08/2023 22:00	3.3	253	18	5.0	0.0
15/08/2023 22:10	3.9	254	18	6.0	0.0
15/08/2023 22:20	4.3	253	18	6.3	0.0
15/08/2023 22:30	3.9	253	19	6.8	0.0
15/08/2023 22:40	4.2	254	19	6.3	0.0
15/08/2023 22:50	4.5	254	19	6.8	0.0
15/08/2023 23:00	3.7	252	19	6.0	0.0
15/08/2023 23:10	3.2	253	20	5.6	0.0
15/08/2023 23:20	4.7	240	18	7.5	0.0
15/08/2023 23:30	4.3	242	17	7.0	0.0
15/08/2023 23:40	4.3	245	20	6.8	0.0
15/08/2023 23:50	4.2	239	18	6.8	0.0
16/08/2023 00:00	4.4	244	20	7.4	0.0
16/08/2023 00:10	4.6	243	19	7.1	0.0
16/08/2023 00:20	4.5	246	19	6.8	0.0
16/08/2023 00:30	5.0	244	19	8.2	0.0
16/08/2023 00:40	4.1	251	20	6.7	0.0
16/08/2023 00:50	4.7	238	18	7.4	0.0
16/08/2023 01:00	4.5	236	16	6.7	0.0
16/08/2023 01:10	4.3	244	19	6.4	0.0
16/08/2023 01:20	4.2	241	16	6.8	0.0
16/08/2023 01:30	4.7	235	17	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 01:40	3.8	242	19	6.0	0.0
16/08/2023 01:50	4.8	240	18	7.1	0.0
16/08/2023 02:00	4.3	247	21	7.2	0.0
16/08/2023 02:10	3.9	249	18	6.1	0.0
16/08/2023 02:20	3.8	252	15	5.6	0.0
16/08/2023 02:30	4.2	249	16	6.4	0.0
16/08/2023 02:40	3.9	256	14	5.4	0.0
16/08/2023 02:50	3.7	252	15	5.3	0.0
16/08/2023 03:00	3.6	256	15	4.9	0.0
16/08/2023 03:10	3.6	258	13	4.9	0.0
16/08/2023 03:20	3.7	256	15	5.2	0.0
16/08/2023 03:30	3.5	261	15	4.7	0.0
16/08/2023 03:40	3.3	259	16	4.4	0.0
16/08/2023 03:50	3.1	257	15	4.4	0.0
16/08/2023 04:00	3.3	263	16	4.4	0.0
16/08/2023 04:10	3.0	262	17	4.1	0.0
16/08/2023 04:20	3.1	265	18	4.0	0.0
16/08/2023 04:30	2.9	264	18	4.0	0.0
16/08/2023 04:40	3.0	264	16	4.5	0.0
16/08/2023 04:50	2.7	265	19	3.8	0.0
16/08/2023 05:00	2.8	262	17	4.0	0.0
16/08/2023 05:10	2.9	264	16	4.1	0.0
16/08/2023 05:20	3.2	262	14	5.0	0.0
16/08/2023 05:30	2.9	260	17	4.1	0.0
16/08/2023 05:40	2.7	263	15	4.2	0.0
16/08/2023 05:50	2.4	266	14	3.6	0.0
16/08/2023 06:00	2.1	274	19	3.0	0.0
16/08/2023 06:10	2.1	271	17	3.1	0.0
16/08/2023 06:20	1.9	275	20	2.9	0.0
16/08/2023 06:30	2.0	278	17	3.2	0.0
16/08/2023 06:40	1.7	294	18	2.5	0.0
16/08/2023 06:50	2.1	289	20	3.2	0.0
16/08/2023 07:00	2.2	285	21	3.2	0.0
16/08/2023 07:10	2.1	284	20	3.2	0.0
16/08/2023 07:20	2.2	279	19	3.4	0.0
16/08/2023 07:30	1.8	271	23	3.3	0.0
16/08/2023 07:40	1.7	274	30	3.1	0.0
16/08/2023 07:50	1.9	261	28	2.9	0.0
16/08/2023 08:00	1.5	265	28	2.5	0.0
16/08/2023 08:10	1.6	263	35	3.4	0.0
16/08/2023 08:20	1.8	236	48	3.3	0.0
16/08/2023 08:30	2.2	229	28	3.8	0.0
16/08/2023 08:40	2.6	195	32	5.0	0.0
16/08/2023 08:50	3.1	201	28	4.9	0.0
16/08/2023 09:00	3.1	201	21	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 09:10	2.9	197	23	5.2	0.0
16/08/2023 09:20	3.6	197	26	5.6	0.0
16/08/2023 09:30	4.2	186	22	6.9	0.0
16/08/2023 09:40	3.4	180	26	5.9	0.0
16/08/2023 09:50	3.6	179	27	6.5	0.0
16/08/2023 10:00	3.2	164	25	5.1	0.0
16/08/2023 10:10	3.2	173	26	5.3	0.0
16/08/2023 10:20	2.3	158	36	4.0	0.0
16/08/2023 10:30	2.4	158	30	4.0	0.0
16/08/2023 10:40	2.8	167	33	5.2	0.0
16/08/2023 10:50	2.5	172	26	4.1	0.0
16/08/2023 11:00	2.7	176	28	4.3	0.0
16/08/2023 11:10	3.3	186	22	4.6	0.0
16/08/2023 11:20	2.8	169	31	4.4	0.0
16/08/2023 11:30	2.8	177	23	4.3	0.0
16/08/2023 11:40	2.6	181	29	4.5	0.0
16/08/2023 11:50	2.5	190	33	4.3	0.0
16/08/2023 12:00	2.2	192	36	4.3	0.0
16/08/2023 12:10	2.4	193	29	4.8	0.0
16/08/2023 12:20	2.9	192	25	5.0	0.0
16/08/2023 12:30	2.8	202	33	5.0	0.0
16/08/2023 12:40	2.7	189	29	5.6	0.0
16/08/2023 12:50	3.1	253	31	5.0	0.0
16/08/2023 13:00	3.1	252	24	5.3	0.0
16/08/2023 13:10	2.6	254	26	4.4	0.0
16/08/2023 13:20	2.4	255	28	4.2	0.0
16/08/2023 13:30	3.1	248	25	5.2	0.0
16/08/2023 13:40	3.0	255	30	6.2	0.0
16/08/2023 13:50	3.2	256	24	5.0	0.0
16/08/2023 14:00	3.9	254	21	6.2	0.0
16/08/2023 14:10	4.1	257	16	6.0	0.0
16/08/2023 14:20	3.6	260	22	5.4	0.0
16/08/2023 14:30	4.8	254	19	6.6	0.0
16/08/2023 14:40	4.5	256	20	7.5	0.0
16/08/2023 14:50	4.9	252	17	7.5	0.0
16/08/2023 15:00	5.4	249	17	7.9	0.0
16/08/2023 15:10	5.2	254	18	7.5	0.0
16/08/2023 15:20	4.1	258	23	6.3	0.0
16/08/2023 15:30	4.9	251	17	7.4	0.0
16/08/2023 15:40	4.0	258	23	6.3	0.0
16/08/2023 15:50	4.9	252	18	7.8	0.0
16/08/2023 16:00	4.6	255	20	7.3	0.0
16/08/2023 16:10	4.0	259	19	6.4	0.0
16/08/2023 16:20	4.3	254	18	6.7	0.0
16/08/2023 16:30	4.6	251	20	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 16:40	4.8	252	16	7.4	0.0
16/08/2023 16:50	5.0	251	18	7.5	0.0
16/08/2023 17:00	4.3	248	18	6.8	0.0
16/08/2023 17:10	3.7	253	23	5.4	0.0
16/08/2023 17:20	3.7	257	19	6.4	0.0
16/08/2023 17:30	3.9	251	20	5.9	0.0
16/08/2023 17:40	3.8	257	17	5.9	0.0
16/08/2023 17:50	3.7	258	16	6.1	0.0
16/08/2023 18:00	3.6	254	20	5.5	0.0
16/08/2023 18:10	3.6	258	19	5.4	0.0
16/08/2023 18:20	3.3	256	21	5.0	0.0
16/08/2023 18:30	3.2	261	21	4.6	0.0
16/08/2023 18:40	3.0	260	18	4.8	0.0
16/08/2023 18:50	3.2	254	16	4.8	0.0
16/08/2023 19:00	2.7	261	19	4.8	0.0
16/08/2023 19:10	2.3	260	16	3.6	0.0
16/08/2023 19:20	2.6	261	17	3.9	0.0
16/08/2023 19:30	2.5	265	18	3.7	0.0
16/08/2023 19:40	2.7	262	18	4.0	0.0
16/08/2023 19:50	2.4	262	18	3.6	0.0
16/08/2023 20:00	2.5	255	18	4.0	0.0
16/08/2023 20:10	3.3	249	18	4.8	0.0
16/08/2023 20:20	3.2	239	21	4.9	0.0
16/08/2023 20:30	2.7	234	20	4.2	0.0
16/08/2023 20:40	2.7	231	18	4.5	0.0
16/08/2023 20:50	2.9	227	18	4.5	0.0
16/08/2023 21:00	3.5	227	15	5.2	0.0
16/08/2023 21:10	3.0	222	19	4.7	0.0
16/08/2023 21:20	2.9	221	18	4.8	0.0
16/08/2023 21:30	3.0	218	17	4.7	0.0
16/08/2023 21:40	2.8	214	14	4.3	0.0
16/08/2023 21:50	2.4	206	14	3.6	0.0
16/08/2023 22:00	2.5	204	16	3.8	0.0
16/08/2023 22:10	2.3	202	17	4.0	0.0
16/08/2023 22:20	2.7	202	18	4.0	0.0
16/08/2023 22:30	2.2	208	14	3.6	0.0
16/08/2023 22:40	2.0	213	16	3.0	0.0
16/08/2023 22:50	2.4	208	17	3.9	0.0
16/08/2023 23:00	2.9	200	15	4.5	0.0
16/08/2023 23:10	2.8	198	19	4.6	0.0
16/08/2023 23:20	2.9	195	15	4.6	0.0
16/08/2023 23:30	3.0	196	17	4.2	0.0
16/08/2023 23:40	2.4	191	19	3.6	0.0
16/08/2023 23:50	2.6	191	16	4.2	0.0
17/08/2023 00:00	2.9	187	18	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 00:10	2.5	187	16	3.6	0.0
17/08/2023 00:20	2.7	189	15	4.0	0.0
17/08/2023 00:30	2.4	188	18	3.6	0.0
17/08/2023 00:40	2.3	191	20	3.3	0.0
17/08/2023 00:50	2.4	197	19	3.7	0.0
17/08/2023 01:00	2.3	194	18	3.4	0.0
17/08/2023 01:10	2.4	196	20	3.6	0.0
17/08/2023 01:20	2.3	190	20	4.2	0.0
17/08/2023 01:30	2.9	189	17	4.4	0.0
17/08/2023 01:40	2.8	189	15	4.3	0.0
17/08/2023 01:50	2.7	191	15	3.9	0.0
17/08/2023 02:00	3.4	188	13	5.0	0.0
17/08/2023 02:10	3.4	186	17	5.7	0.0
17/08/2023 02:20	3.7	186	16	5.2	0.0
17/08/2023 02:30	3.4	186	17	4.8	0.0
17/08/2023 02:40	2.8	178	20	4.8	0.0
17/08/2023 02:50	2.0	177	24	3.7	0.0
17/08/2023 03:00	2.2	178	24	3.6	0.0
17/08/2023 03:10	1.9	170	27	3.3	0.0
17/08/2023 03:20	2.2	164	23	3.9	0.0
17/08/2023 03:30	2.2	166	26	4.4	0.0
17/08/2023 03:40	2.0	168	23	3.6	0.0
17/08/2023 03:50	1.8	164	23	3.1	0.0
17/08/2023 04:00	1.7	157	27	3.2	0.0
17/08/2023 04:10	1.6	160	26	2.8	0.0
17/08/2023 04:20	1.5	157	21	2.6	0.0
17/08/2023 04:30	1.3	160	23	2.3	0.0
17/08/2023 04:40	1.3	163	27	2.2	0.0
17/08/2023 04:50	0.8	152	29	1.5	0.0
17/08/2023 05:00	0.9	154	31	1.8	0.0
17/08/2023 05:10	1.1	148	25	2.1	0.0
17/08/2023 05:20	1.0	147	24	1.7	0.0
17/08/2023 05:30	1.3	146	25	2.4	0.0
17/08/2023 05:40	1.3	146	24	2.7	0.0
17/08/2023 05:50	1.2	147	24	2.0	0.0
17/08/2023 06:00	1.1	136	28	1.7	0.0
17/08/2023 06:10	1.5	123	27	2.9	0.0
17/08/2023 06:20	1.0	113	25	1.6	0.0
17/08/2023 06:30	0.7	103	30	1.2	0.0
17/08/2023 06:40	0.9	113	30	1.7	0.0
17/08/2023 06:50	1.4	127	25	2.7	0.0
17/08/2023 07:00	1.5	134	25	2.4	0.0
17/08/2023 07:10	1.5	130	28	2.4	0.0
17/08/2023 07:20	1.7	127	24	2.7	0.0
17/08/2023 07:30	1.7	125	26	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 07:40	1.6	127	26	2.9	0.0
17/08/2023 07:50	1.9	125	26	3.2	0.0
17/08/2023 08:00	1.8	130	27	2.8	0.0
17/08/2023 08:10	1.6	124	27	2.6	0.0
17/08/2023 08:20	1.9	130	27	3.1	0.0
17/08/2023 08:30	2.0	120	35	3.3	0.0
17/08/2023 08:40	2.2	105	34	3.8	0.0
17/08/2023 08:50	2.6	102	32	4.3	0.0
17/08/2023 09:00	2.4	108	33	3.8	0.0
17/08/2023 09:10	2.6	112	29	3.8	0.0
17/08/2023 09:20	2.5	116	29	4.0	0.0
17/08/2023 09:30	2.1	130	32	3.5	0.0
17/08/2023 09:40	2.8	120	28	4.4	0.0
17/08/2023 09:50	3.0	108	34	5.1	0.0
17/08/2023 10:00	3.2	98	28	5.2	0.0
17/08/2023 10:10	3.0	109	32	5.2	0.0
17/08/2023 10:20	3.0	105	30	4.9	0.0
17/08/2023 10:30	3.3	86	24	4.9	0.0
17/08/2023 10:40	2.7	94	25	4.4	0.0
17/08/2023 10:50	3.2	85	29	5.3	0.0
17/08/2023 11:00	3.0	80	23	4.8	0.0
17/08/2023 11:10	3.3	74	25	5.1	0.0
17/08/2023 11:20	2.8	77	27	4.8	0.0
17/08/2023 11:30	2.9	79	24	4.8	0.0
17/08/2023 11:40	3.0	75	23	5.2	0.0
17/08/2023 11:50	2.9	70	26	4.8	0.0
17/08/2023 12:00	3.0	73	25	5.5	0.0
17/08/2023 12:10	3.2	61	21	5.2	0.0
17/08/2023 12:20	3.0	67	23	4.9	0.0
17/08/2023 12:30	3.1	56	24	5.5	0.0
17/08/2023 12:40	3.2	66	24	5.2	0.0
17/08/2023 12:50	3.2	61	23	5.3	0.0
17/08/2023 13:00	3.6	64	23	6.1	0.0
17/08/2023 13:10	3.4	57	27	5.6	0.0
17/08/2023 13:20	3.4	58	21	5.6	0.0
17/08/2023 13:30	3.5	56	19	5.6	0.0
17/08/2023 13:40	3.5	57	23	5.3	0.0
17/08/2023 13:50	3.3	54	22	6.0	0.0
17/08/2023 14:00	3.0	54	24	5.2	0.0
17/08/2023 14:10	3.0	64	24	4.9	0.0
17/08/2023 14:20	3.1	60	24	5.0	0.0
17/08/2023 14:30	3.2	55	25	5.1	0.0
17/08/2023 14:40	2.9	45	22	5.1	0.0
17/08/2023 14:50	3.3	43	22	5.2	0.0
17/08/2023 15:00	3.5	51	23	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 15:10	3.0	61	21	4.7	0.0
17/08/2023 15:20	3.1	55	23	5.1	0.0
17/08/2023 15:30	3.1	56	25	4.5	0.0
17/08/2023 15:40	3.3	54	18	4.7	0.0
17/08/2023 15:50	3.1	57	20	4.9	0.0
17/08/2023 16:00	3.0	50	22	4.6	0.0
17/08/2023 16:10	2.9	50	20	4.4	0.0
17/08/2023 16:20	2.7	45	22	4.1	0.0
17/08/2023 16:30	2.8	43	24	4.2	0.0
17/08/2023 16:40	2.6	46	22	4.4	0.0
17/08/2023 16:50	2.4	46	20	3.9	0.0
17/08/2023 17:00	2.5	47	20	4.0	0.0
17/08/2023 17:10	2.2	42	22	3.6	0.0
17/08/2023 17:20	1.9	45	22	3.2	0.0
17/08/2023 17:30	1.2	51	23	2.2	0.0
17/08/2023 17:40	2.6	234	36	4.6	0.0
17/08/2023 17:50	2.5	255	23	3.9	0.0
17/08/2023 18:00	2.5	261	22	4.3	0.0
17/08/2023 18:10	1.4	299	33	2.8	0.0
17/08/2023 18:20	1.4	260	32	2.1	0.0
17/08/2023 18:30	1.5	281	34	2.4	0.0
17/08/2023 18:40	1.6	270	17	2.2	0.0
17/08/2023 18:50	2.5	253	17	4.0	0.0
17/08/2023 19:00	2.5	250	17	3.6	0.0
17/08/2023 19:10	2.6	241	16	4.0	0.0
17/08/2023 19:20	2.6	242	16	3.9	0.0
17/08/2023 19:30	2.5	237	15	3.6	0.0
17/08/2023 19:40	2.5	240	17	3.6	0.0
17/08/2023 19:50	2.2	247	16	3.4	0.0
17/08/2023 20:00	2.3	239	14	3.3	0.0
17/08/2023 20:10	2.3	256	15	3.4	0.0
17/08/2023 20:20	2.1	255	13	3.2	0.0
17/08/2023 20:30	2.0	254	16	2.9	0.0
17/08/2023 20:40	2.0	259	15	2.9	0.0
17/08/2023 20:50	2.1	258	13	2.9	0.0
17/08/2023 21:00	1.9	260	15	2.7	0.0
17/08/2023 21:10	2.1	261	16	2.8	0.0
17/08/2023 21:20	2.0	260	15	2.9	0.0
17/08/2023 21:30	2.1	257	14	2.6	0.0
17/08/2023 21:40	2.1	258	16	3.1	0.0
17/08/2023 21:50	2.1	252	16	3.0	0.0
17/08/2023 22:00	2.2	250	15	3.2	0.0
17/08/2023 22:10	2.1	269	16	2.9	0.0
17/08/2023 22:20	2.1	274	16	2.9	0.0
17/08/2023 22:30	2.1	271	15	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 22:40	1.9	276	18	2.8	0.0
17/08/2023 22:50	2.2	246	20	3.6	0.0
17/08/2023 23:00	2.8	223	17	4.1	0.0
17/08/2023 23:10	2.9	250	19	4.3	0.0
17/08/2023 23:20	2.7	264	19	4.1	0.0
17/08/2023 23:30	1.9	258	18	3.0	0.0
17/08/2023 23:40	1.9	264	17	3.0	0.0
17/08/2023 23:50	1.5	225	29	3.0	0.0
18/08/2023 00:00	0.8	208	30	1.6	0.0
18/08/2023 00:10	0.9	183	46	2.1	0.0
18/08/2023 00:20	1.3	148	41	2.4	0.0
18/08/2023 00:30	0.9	225	32	1.7	0.0
18/08/2023 00:40	0.7	180	26	1.6	0.0
18/08/2023 00:50	0.3	203	50	1.2	0.0
18/08/2023 01:00	0.6	142	47	1.3	0.0
18/08/2023 01:10	1.2	215	36	2.3	0.0
18/08/2023 01:20	1.0	224	42	1.7	0.0
18/08/2023 01:30	0.7	244	27	1.6	0.0
18/08/2023 01:40	1.0	237	18	1.7	0.0
18/08/2023 01:50	0.9	242	11	1.5	0.0
18/08/2023 02:00	0.5	239	27	1.2	0.0
18/08/2023 02:10	0.3	148	25	0.9	0.0
18/08/2023 02:20	1.0	159	36	2.0	0.0
18/08/2023 02:30	0.5	103	29	1.2	0.0
18/08/2023 02:40	0.3	68	20	1.0	0.0
18/08/2023 02:50	0.0	34	6	0.4	0.0
18/08/2023 03:00	0.2	90	25	1.2	0.0
18/08/2023 03:10	0.3	106	23	1.2	0.0
18/08/2023 03:20	0.5	74	34	1.3	0.0
18/08/2023 03:30	0.6	90	32	1.6	0.0
18/08/2023 03:40	0.8	117	28	1.9	0.0
18/08/2023 03:50	1.6	115	44	2.9	0.0
18/08/2023 04:00	1.9	119	30	3.5	0.0
18/08/2023 04:10	1.9	115	35	3.4	0.0
18/08/2023 04:20	2.0	110	35	4.0	0.0
18/08/2023 04:30	2.4	116	36	3.9	0.0
18/08/2023 04:40	2.5	111	29	4.4	0.0
18/08/2023 04:50	2.2	115	39	4.2	0.0
18/08/2023 05:00	2.4	117	28	5.0	0.0
18/08/2023 05:10	2.5	109	33	5.0	0.0
18/08/2023 05:20	2.6	106	40	4.7	0.0
18/08/2023 05:30	2.2	108	40	4.0	0.0
18/08/2023 05:40	2.3	105	39	5.0	0.0
18/08/2023 05:50	2.4	104	33	4.8	0.0
18/08/2023 06:00	2.5	106	34	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 06:10	2.6	106	32	4.4	0.0
18/08/2023 06:20	2.3	106	31	3.8	0.0
18/08/2023 06:30	2.2	105	35	3.9	0.0
18/08/2023 06:40	2.1	105	36	3.7	0.0
18/08/2023 06:50	2.3	102	36	4.4	0.0
18/08/2023 07:00	2.2	102	35	3.8	0.0
18/08/2023 07:10	2.2	95	30	4.5	0.0
18/08/2023 07:20	2.9	96	30	4.9	0.0
18/08/2023 07:30	2.5	104	33	4.4	0.0
18/08/2023 07:40	2.7	98	31	5.0	0.0
18/08/2023 07:50	2.8	108	31	4.9	0.0
18/08/2023 08:00	3.1	103	35	5.4	0.0
18/08/2023 08:10	3.4	94	33	6.1	0.0
18/08/2023 08:20	3.0	100	38	5.2	0.0
18/08/2023 08:30	3.9	107	32	6.0	0.0
18/08/2023 08:40	3.5	97	29	5.5	0.0
18/08/2023 08:50	3.6	103	23	5.9	0.0
18/08/2023 09:00	3.5	101	32	6.3	0.0
18/08/2023 09:10	3.4	100	28	5.4	0.0
18/08/2023 09:20	3.4	104	31	6.4	0.0
18/08/2023 09:30	3.5	94	25	6.0	0.0
18/08/2023 09:40	4.1	88	23	5.9	0.0
18/08/2023 09:50	4.2	91	25	6.5	0.0
18/08/2023 10:00	3.9	88	29	7.4	0.0
18/08/2023 10:10	4.2	84	24	6.2	0.0
18/08/2023 10:20	3.8	89	25	6.3	0.0
18/08/2023 10:30	4.1	85	27	5.7	0.0
18/08/2023 10:40	3.6	94	27	6.0	0.0
18/08/2023 10:50	4.0	81	24	6.7	0.0
18/08/2023 11:00	4.2	80	27	8.3	0.0
18/08/2023 11:10	4.2	78	23	6.8	0.0
18/08/2023 11:20	4.3	77	18	7.4	0.0
18/08/2023 11:30	4.0	82	23	6.6	0.0
18/08/2023 11:40	3.9	76	20	6.4	0.0
18/08/2023 11:50	4.2	71	20	6.4	0.0
18/08/2023 12:00	3.6	68	23	5.9	0.0
18/08/2023 12:10	3.8	66	23	6.4	0.0
18/08/2023 12:20	3.7	67	24	6.1	0.0
18/08/2023 12:30	3.5	66	23	5.4	0.0
18/08/2023 12:40	3.7	65	22	5.7	0.0
18/08/2023 12:50	3.3	63	24	5.2	0.0
18/08/2023 13:00	3.3	62	22	5.2	0.0
18/08/2023 13:10	3.3	61	25	5.6	0.0
18/08/2023 13:20	3.4	59	24	5.5	0.0
18/08/2023 13:30	3.3	58	22	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 13:40	3.3	62	24	5.3	0.0
18/08/2023 13:50	3.4	65	24	5.4	0.0
18/08/2023 14:00	2.8	58	27	4.7	0.0
18/08/2023 14:10	3.1	53	22	5.4	0.0
18/08/2023 14:20	3.2	54	22	5.2	0.0
18/08/2023 14:30	2.8	61	22	5.0	0.0
18/08/2023 14:40	2.8	65	24	4.4	0.0
18/08/2023 14:50	2.8	61	23	5.4	0.0
18/08/2023 15:00	2.9	70	25	4.2	0.0
18/08/2023 15:10	2.8	67	24	4.3	0.0
18/08/2023 15:20	2.8	65	23	4.7	0.0
18/08/2023 15:30	2.5	65	20	4.3	0.0
18/08/2023 15:40	2.5	63	26	4.3	0.0
18/08/2023 15:50	2.5	65	24	4.0	0.0
18/08/2023 16:00	2.8	53	18	4.0	0.0
18/08/2023 16:10	2.2	54	28	3.5	0.0
18/08/2023 16:20	2.4	63	24	3.7	0.0
18/08/2023 16:30	1.8	63	23	3.2	0.0
18/08/2023 16:40	1.7	85	27	2.8	0.0
18/08/2023 16:50	1.8	62	19	2.7	0.0
18/08/2023 17:00	2.0	21	27	3.2	0.0
18/08/2023 17:10	2.0	190	29	3.4	0.0
18/08/2023 17:20	1.7	34	27	3.1	0.0
18/08/2023 17:30	1.7	195	32	2.7	0.0
18/08/2023 17:40	1.9	352	22	3.5	0.0
18/08/2023 17:50	2.0	176	28	3.6	0.0
18/08/2023 18:00	1.7	358	36	3.0	0.0
18/08/2023 18:10	1.9	180	34	3.6	0.0
18/08/2023 18:20	1.8	357	36	3.1	0.0
18/08/2023 18:30	1.8	187	35	3.1	0.0
18/08/2023 18:40	1.3	19	40	2.7	0.0
18/08/2023 18:50	1.5	349	44	2.8	0.0
18/08/2023 19:00	1.5	172	36	2.9	0.0
18/08/2023 19:10	1.7	342	31	2.9	0.0
18/08/2023 19:20	1.5	183	29	2.8	0.0
18/08/2023 19:30	1.4	3	29	2.8	0.0
18/08/2023 19:40	1.7	350	28	2.8	0.0
18/08/2023 19:50	1.9	345	23	3.3	0.0
18/08/2023 20:00	2.1	343	20	3.2	0.0
18/08/2023 20:10	1.9	353	22	3.1	0.0
18/08/2023 20:20	1.3	18	28	2.4	0.0
18/08/2023 20:30	0.8	189	41	1.8	0.0
18/08/2023 20:40	0.3	232	6	1.1	0.0
18/08/2023 20:50					0.0
18/08/2023 21:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 21:10					0.0
18/08/2023 21:20					0.0
18/08/2023 21:30					0.0
18/08/2023 21:40	0.2	332	8	0.8	0.0
18/08/2023 21:50	0.9	195	17	1.6	0.0
18/08/2023 22:00	0.5	59	8	1.0	0.0
18/08/2023 22:10	0.0	216	4	0.4	0.0
18/08/2023 22:20					0.0
18/08/2023 22:30	0.3	41	20	0.8	0.0
18/08/2023 22:40	0.3	44	16	0.6	0.0
18/08/2023 22:50	0.3	29	14	0.8	0.0
18/08/2023 23:00	0.3	48	14	0.9	0.0
18/08/2023 23:10	0.2	103	16	1.1	0.0
18/08/2023 23:20	0.7	103	34	1.3	0.0
18/08/2023 23:30	0.8	93	21	1.4	0.0
18/08/2023 23:40	0.5	98	29	1.2	0.0
18/08/2023 23:50	0.9	111	28	1.8	0.0
19/08/2023 00:00	0.6	96	22	1.4	0.0
19/08/2023 00:10	0.7	86	18	1.2	0.0
19/08/2023 00:20	0.8	101	36	1.6	0.0
19/08/2023 00:30	1.0	102	33	2.0	0.0
19/08/2023 00:40	1.1	112	26	2.0	0.0
19/08/2023 00:50	0.7	110	27	1.3	0.0
19/08/2023 01:00	1.1	112	29	2.0	0.0
19/08/2023 01:10	1.1	102	33	1.9	0.0
19/08/2023 01:20	1.2	99	29	2.0	0.0
19/08/2023 01:30	1.3	101	26	2.1	0.0
19/08/2023 01:40	1.8	104	33	3.6	0.0
19/08/2023 01:50	1.6	107	42	3.0	0.0
19/08/2023 02:00	1.5	108	36	2.5	0.0
19/08/2023 02:10	1.8	105	34	3.0	0.0
19/08/2023 02:20	1.6	106	34	2.6	0.0
19/08/2023 02:30	1.7	99	32	3.5	0.0
19/08/2023 02:40	1.7	102	29	2.9	0.0
19/08/2023 02:50	1.7	101	30	3.2	0.0
19/08/2023 03:00	1.9	95	37	3.2	0.0
19/08/2023 03:10	2.1	100	32	3.3	0.0
19/08/2023 03:20	2.2	99	29	3.7	0.0
19/08/2023 03:30	1.7	107	32	3.2	0.0
19/08/2023 03:40	2.1	108	35	3.6	0.0
19/08/2023 03:50	2.7	102	27	4.2	0.0
19/08/2023 04:00	2.9	99	24	5.2	0.0
19/08/2023 04:10	2.4	99	32	4.0	0.0
19/08/2023 04:20	2.5	102	34	4.8	0.0
19/08/2023 04:30	2.5	98	26	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 04:40	2.3	96	26	4.4	0.0
19/08/2023 04:50	2.0	100	35	3.2	0.0
19/08/2023 05:00	2.1	96	33	4.0	0.0
19/08/2023 05:10	2.0	98	34	3.6	0.0
19/08/2023 05:20	2.2	103	40	4.0	0.0
19/08/2023 05:30	2.6	103	28	4.5	0.0
19/08/2023 05:40	2.4	100	29	4.4	0.0
19/08/2023 05:50	2.4	100	26	4.0	0.0
19/08/2023 06:00	1.9	100	29	3.3	0.0
19/08/2023 06:10	1.9	104	31	3.0	0.0
19/08/2023 06:20	1.9	100	38	3.6	0.0
19/08/2023 06:30	2.0	101	34	3.2	0.0
19/08/2023 06:40	1.9	108	35	3.3	0.0
19/08/2023 06:50	1.8	111	35	3.2	0.0
19/08/2023 07:00	1.7	113	29	3.0	0.0
19/08/2023 07:10	1.9	121	28	3.4	0.0
19/08/2023 07:20	2.1	115	30	3.5	0.0
19/08/2023 07:30	2.2	110	30	3.6	0.0
19/08/2023 07:40	1.9	106	36	3.4	0.0
19/08/2023 07:50	2.1	110	32	3.5	0.0
19/08/2023 08:00	2.1	106	33	3.7	0.0
19/08/2023 08:10	2.2	121	32	4.0	0.0
19/08/2023 08:20	2.2	115	33	4.0	0.0
19/08/2023 08:30	2.6	111	30	4.5	0.0
19/08/2023 08:40	2.6	112	28	5.0	0.0
19/08/2023 08:50	2.4	104	34	4.5	0.0
19/08/2023 09:00	2.6	102	29	4.2	0.0
19/08/2023 09:10	2.9	97	25	4.7	0.0
19/08/2023 09:20	2.5	103	29	4.1	0.0
19/08/2023 09:30	2.6	95	29	4.3	0.0
19/08/2023 09:40	2.8	82	20	5.2	0.0
19/08/2023 09:50	2.9	86	23	4.6	0.0
19/08/2023 10:00	2.9	78	24	4.7	0.0
19/08/2023 10:10	3.4	76	27	5.2	0.0
19/08/2023 10:20	3.3	77	23	5.2	0.0
19/08/2023 10:30	3.3	90	22	5.6	0.0
19/08/2023 10:40	3.0	79	21	4.9	0.0
19/08/2023 10:50	3.5	76	24	5.6	0.0
19/08/2023 11:00	3.0	79	25	4.8	0.0
19/08/2023 11:10	3.2	85	24	4.8	0.0
19/08/2023 11:20	3.0	89	27	4.8	0.0
19/08/2023 11:30	3.1	85	25	5.3	0.0
19/08/2023 11:40	3.4	85	20	5.2	0.0
19/08/2023 11:50	3.1	83	25	5.0	0.0
19/08/2023 12:00	2.4	82	31	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 12:10	2.7	73	25	4.8	0.0
19/08/2023 12:20	2.6	76	26	4.1	0.0
19/08/2023 12:30	3.0	71	23	4.6	0.0
19/08/2023 12:40	3.0	64	22	4.8	0.0
19/08/2023 12:50	3.0	62	23	4.8	0.0
19/08/2023 13:00	2.7	66	23	4.7	0.0
19/08/2023 13:10	2.8	65	23	4.6	0.0
19/08/2023 13:20	2.9	62	22	4.3	0.0
19/08/2023 13:30	2.7	59	26	4.9	0.0
19/08/2023 13:40	2.8	66	22	5.0	0.0
19/08/2023 13:50	3.1	65	21	4.4	0.0
19/08/2023 14:00	2.7	59	21	4.6	0.0
19/08/2023 14:10	2.6	52	25	4.3	0.0
19/08/2023 14:20	2.8	51	20	4.4	0.0
19/08/2023 14:30	3.0	52	23	4.8	0.0
19/08/2023 14:40	3.1	55	19	4.7	0.0
19/08/2023 14:50	3.1	58	20	4.9	0.0
19/08/2023 15:00	2.8	58	24	4.4	0.0
19/08/2023 15:10	2.7	63	21	4.0	0.0
19/08/2023 15:20	2.4	67	22	3.7	0.0
19/08/2023 15:30	2.5	61	20	3.9	0.0
19/08/2023 15:40	2.5	64	23	4.2	0.0
19/08/2023 15:50	2.7	61	23	4.4	0.0
19/08/2023 16:00	2.7	56	22	5.0	0.0
19/08/2023 16:10	2.6	38	23	4.8	0.0
19/08/2023 16:20	2.9	44	23	4.7	0.0
19/08/2023 16:30	2.7	45	21	4.2	0.0
19/08/2023 16:40	3.0	48	19	4.7	0.0
19/08/2023 16:50	2.6	41	22	4.3	0.0
19/08/2023 17:00	2.3	49	20	3.6	0.0
19/08/2023 17:10	2.0	50	18	2.8	0.0
19/08/2023 17:20	1.7	48	17	2.5	0.0
19/08/2023 17:30	1.5	37	21	2.4	0.0
19/08/2023 17:40	1.4	35	21	2.1	0.0
19/08/2023 17:50	1.6	32	16	2.3	0.0
19/08/2023 18:00	1.5	28	17	2.4	0.0
19/08/2023 18:10	1.4	25	20	2.1	0.0
19/08/2023 18:20	1.5	25	20	2.4	0.0
19/08/2023 18:30	1.4	24	19	2.0	0.0
19/08/2023 18:40	1.3	20	16	1.9	0.0
19/08/2023 18:50	1.5	22	15	2.2	0.0
19/08/2023 19:00	1.3	23	20	1.8	0.0
19/08/2023 19:10	1.2	21	17	1.7	0.0
19/08/2023 19:20	1.4	18	17	2.0	0.0
19/08/2023 19:30	1.0	21	19	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 19:40	0.6	127	55	1.2	0.0
19/08/2023 19:50	0.2	212	9	0.8	0.0
19/08/2023 20:00	0.4	18	7	0.9	0.0
19/08/2023 20:10	0.8	22	21	1.3	0.0
19/08/2023 20:20					0.0
19/08/2023 20:30					0.0
19/08/2023 20:40	0.3	43	5	0.9	0.0
19/08/2023 20:50	1.2	32	13	1.8	0.0
19/08/2023 21:00	1.4	17	17	1.9	0.0
19/08/2023 21:10	1.4	10	18	1.9	0.0
19/08/2023 21:20	1.3	14	16	1.7	0.0
19/08/2023 21:30	1.4	8	16	2.0	0.0
19/08/2023 21:40	1.3	7	20	1.9	0.0
19/08/2023 21:50	0.7	113	21	1.3	0.0
19/08/2023 22:00	0.8	255	11	1.2	0.0
19/08/2023 22:10	1.1	354	17	1.5	0.0
19/08/2023 22:20	1.2	183	16	1.7	0.0
19/08/2023 22:30	0.6	99	17	1.1	0.0
19/08/2023 22:40	0.7	245	15	1.1	0.0
19/08/2023 22:50	1.8	239	14	2.8	0.0
19/08/2023 23:00	2.3	259	15	3.3	0.0
19/08/2023 23:10	2.1	264	16	3.0	0.0
19/08/2023 23:20	2.1	256	15	3.2	0.0
19/08/2023 23:30	2.3	248	14	3.2	0.0
19/08/2023 23:40	2.2	248	15	3.2	0.0
19/08/2023 23:50	2.2	257	16	3.2	0.0
20/08/2023 00:00	2.2	256	15	3.2	0.0
20/08/2023 00:10	1.8	254	16	2.4	0.0
20/08/2023 00:20	1.6	250	14	2.2	0.0
20/08/2023 00:30	1.2	239	13	2.0	0.0
20/08/2023 00:40	1.1	240	18	1.6	0.0
20/08/2023 00:50	1.3	243	16	1.7	0.0
20/08/2023 01:00	0.5	193	24	1.7	0.0
20/08/2023 01:10	1.0	217	40	2.1	0.0
20/08/2023 01:20	0.9	223	29	1.6	0.0
20/08/2023 01:30	1.3	260	27	1.8	0.0
20/08/2023 01:40	1.2	238	36	2.4	0.0
20/08/2023 01:50	2.1	259	27	3.8	0.0
20/08/2023 02:00	1.9	271	16	3.0	0.0
20/08/2023 02:10	1.0	301	31	2.0	0.0
20/08/2023 02:20	0.8	311	67	1.4	0.0
20/08/2023 02:30	1.1	257	56	2.6	0.0
20/08/2023 02:40	1.5	244	41	3.2	0.0
20/08/2023 02:50	1.5	239	46	3.1	0.0
20/08/2023 03:00	1.1	276	38	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 03:10	1.0	241	32	2.1	0.0
20/08/2023 03:20	1.9	193	24	3.0	0.0
20/08/2023 03:30	2.7	190	20	4.3	0.0
20/08/2023 03:40	3.3	196	16	4.7	0.0
20/08/2023 03:50	3.2	186	20	5.0	0.0
20/08/2023 04:00	3.4	194	20	5.6	0.0
20/08/2023 04:10	3.5	203	18	6.0	0.0
20/08/2023 04:20	3.6	203	19	5.2	0.0
20/08/2023 04:30	3.3	203	20	5.7	0.0
20/08/2023 04:40	3.0	201	22	4.4	0.0
20/08/2023 04:50	2.8	205	22	4.4	0.0
20/08/2023 05:00	2.8	192	20	5.3	0.0
20/08/2023 05:10	2.9	194	17	4.9	0.0
20/08/2023 05:20	3.0	196	16	4.9	0.0
20/08/2023 05:30	2.6	194	17	4.2	0.0
20/08/2023 05:40	2.9	191	17	5.0	0.0
20/08/2023 05:50	3.5	189	20	5.3	0.0
20/08/2023 06:00	3.6	189	16	5.6	0.0
20/08/2023 06:10	3.4	190	16	5.2	0.0
20/08/2023 06:20	2.9	194	18	4.4	0.0
20/08/2023 06:30	3.2	194	18	4.5	0.0
20/08/2023 06:40	3.4	192	16	5.4	0.0
20/08/2023 06:50	3.4	193	17	5.2	0.0
20/08/2023 07:00	3.1	186	20	4.4	0.0
20/08/2023 07:10	2.7	180	19	4.3	0.0
20/08/2023 07:20	2.7	182	23	4.2	0.0
20/08/2023 07:30	2.3	173	25	4.0	0.0
20/08/2023 07:40	1.7	166	31	3.3	0.0
20/08/2023 07:50	1.4	153	28	2.7	0.0
20/08/2023 08:00	2.0	147	29	3.6	0.0
20/08/2023 08:10	2.1	143	32	3.6	0.0
20/08/2023 08:20	2.0	140	32	3.3	0.0
20/08/2023 08:30	1.8	114	31	2.9	0.0
20/08/2023 08:40	1.6	94	31	2.5	0.0
20/08/2023 08:50	1.4	107	27	2.4	0.0
20/08/2023 09:00	1.4	100	29	2.3	0.0
20/08/2023 09:10	1.5	109	33	2.5	0.0
20/08/2023 09:20	1.8	111	33	2.7	0.0
20/08/2023 09:30	2.0	104	34	3.2	0.0
20/08/2023 09:40	2.0	107	30	3.3	0.0
20/08/2023 09:50	1.7	111	31	3.0	0.0
20/08/2023 10:00	1.9	109	31	2.8	0.0
20/08/2023 10:10	1.7	109	33	2.9	0.0
20/08/2023 10:20	2.1	112	31	3.5	0.0
20/08/2023 10:30	2.1	107	29	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 10:40	1.8	116	32	3.6	0.0
20/08/2023 10:50	1.9	108	37	3.2	0.0
20/08/2023 11:00	1.8	114	30	3.0	0.0
20/08/2023 11:10	1.9	112	30	3.2	0.0
20/08/2023 11:20	1.7	100	33	2.9	0.0
20/08/2023 11:30	1.8	95	34	3.1	0.0
20/08/2023 11:40	1.6	109	36	2.9	0.0
20/08/2023 11:50	1.6	106	39	2.7	0.0
20/08/2023 12:00	1.7	107	38	3.2	0.0
20/08/2023 12:10	1.7	97	35	2.9	0.0
20/08/2023 12:20	1.7	94	33	2.8	0.0
20/08/2023 12:30	2.1	96	25	3.3	0.0
20/08/2023 12:40	2.0	65	23	3.6	0.0
20/08/2023 12:50	1.8	61	29	3.3	0.0
20/08/2023 13:00	2.1	57	22	3.2	0.0
20/08/2023 13:10	2.2	69	26	3.4	0.0
20/08/2023 13:20	2.3	54	25	3.8	0.0
20/08/2023 13:30	2.5	52	20	3.9	0.0
20/08/2023 13:40	2.3	52	23	3.6	0.0
20/08/2023 13:50	2.3	55	23	3.5	0.0
20/08/2023 14:00	2.0	60	24	3.2	0.0
20/08/2023 14:10	2.0	71	21	3.3	0.0
20/08/2023 14:20	2.1	68	24	3.4	0.0
20/08/2023 14:30	2.1	66	22	3.2	0.0
20/08/2023 14:40	2.0	64	24	3.2	0.0
20/08/2023 14:50	1.8	36	40	3.4	0.0
20/08/2023 15:00	1.9	31	31	3.2	0.0
20/08/2023 15:10	2.2	343	30	3.5	0.0
20/08/2023 15:20	2.0	9	34	3.3	0.0
20/08/2023 15:30	2.2	17	31	3.6	0.0
20/08/2023 15:40	2.4	2	26	3.7	0.0
20/08/2023 15:50	1.9	343	32	3.4	0.0
20/08/2023 16:00	2.3	337	28	3.6	0.0
20/08/2023 16:10	2.3	18	26	3.5	0.0
20/08/2023 16:20	2.0	179	39	3.8	0.0
20/08/2023 16:30	2.1	177	26	3.6	0.0
20/08/2023 16:40	2.3	318	24	3.7	0.0
20/08/2023 16:50	2.3	318	22	3.7	0.0
20/08/2023 17:00	2.6	325	28	4.2	0.0
20/08/2023 17:10	2.5	318	30	4.0	0.0
20/08/2023 17:20	1.9	277	43	3.5	0.0
20/08/2023 17:30	2.3	259	27	4.1	0.0
20/08/2023 17:40	2.0	255	20	3.4	0.0
20/08/2023 17:50	1.6	251	14	2.3	0.0
20/08/2023 18:00	1.8	245	16	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 18:10	1.2	243	15	2.3	0.0
20/08/2023 18:20	1.6	252	19	2.8	0.0
20/08/2023 18:30	2.1	259	19	3.1	0.0
20/08/2023 18:40	2.1	250	14	3.1	0.0
20/08/2023 18:50	2.0	271	23	3.1	0.0
20/08/2023 19:00	1.9	270	20	3.2	0.0
20/08/2023 19:10	1.8	272	24	2.9	0.0
20/08/2023 19:20	2.0	263	18	3.0	0.0
20/08/2023 19:30	1.7	273	19	2.5	0.0
20/08/2023 19:40	1.9	264	21	3.2	0.0
20/08/2023 19:50	2.2	262	20	3.5	0.0
20/08/2023 20:00	2.4	260	18	3.7	0.0
20/08/2023 20:10	2.4	256	19	3.8	0.0
20/08/2023 20:20	2.6	258	16	3.6	0.0
20/08/2023 20:30	2.5	263	14	3.3	0.0
20/08/2023 20:40	2.7	259	16	4.2	0.0
20/08/2023 20:50	2.5	266	17	3.6	0.0
20/08/2023 21:00	2.8	263	13	4.2	0.0
20/08/2023 21:10	2.8	264	17	4.4	0.0
20/08/2023 21:20	2.3	249	12	3.8	0.0
20/08/2023 21:30	2.5	259	15	3.6	0.0
20/08/2023 21:40	2.0	253	13	3.0	0.0
20/08/2023 21:50	2.2	256	14	3.1	0.0
20/08/2023 22:00	2.0	258	15	3.0	0.0
20/08/2023 22:10	2.3	259	14	3.2	0.0
20/08/2023 22:20	2.3	256	15	3.6	0.0
20/08/2023 22:30	2.2	267	16	3.2	0.0
20/08/2023 22:40	2.1	265	17	3.0	0.0
20/08/2023 22:50	1.6	240	29	2.5	0.0
20/08/2023 23:00	1.4	235	20	2.3	0.0
20/08/2023 23:10	1.3	213	24	2.4	0.0
20/08/2023 23:20	1.6	204	18	2.4	0.0
20/08/2023 23:30	2.3	188	21	3.7	0.0
20/08/2023 23:40	2.0	191	15	2.8	0.0
20/08/2023 23:50	1.7	201	13	2.4	0.0
21/08/2023 00:00	1.8	199	19	2.6	0.0
21/08/2023 00:10	2.7	192	17	4.1	0.0
21/08/2023 00:20	2.6	191	19	3.7	0.0
21/08/2023 00:30	2.3	196	17	3.6	0.0
21/08/2023 00:40	2.0	202	15	3.2	0.0
21/08/2023 00:50	2.2	194	18	3.5	0.0
21/08/2023 01:00	2.1	196	14	3.7	0.0
21/08/2023 01:10	2.4	185	20	3.7	0.0
21/08/2023 01:20	1.7	170	25	3.8	0.0
21/08/2023 01:30	1.5	157	33	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 01:40	1.4	144	28	2.8	0.0
21/08/2023 01:50	1.8	165	25	3.6	0.0
21/08/2023 02:00	1.4	166	26	2.4	0.0
21/08/2023 02:10	1.4	153	23	2.5	0.0
21/08/2023 02:20	1.5	162	27	2.8	0.0
21/08/2023 02:30	1.6	169	21	2.8	0.0
21/08/2023 02:40	1.3	172	28	2.1	0.0
21/08/2023 02:50	1.4	166	26	2.9	0.0
21/08/2023 03:00	1.8	169	21	3.4	0.0
21/08/2023 03:10	1.8	156	24	3.7	0.0
21/08/2023 03:20	1.5	150	27	2.9	0.0
21/08/2023 03:30	0.7	117	36	1.8	0.0
21/08/2023 03:40	1.2	160	33	2.3	0.0
21/08/2023 03:50	1.4	157	31	3.2	0.0
21/08/2023 04:00	1.9	163	29	3.9	0.0
21/08/2023 04:10	1.8	160	28	3.6	0.0
21/08/2023 04:20	1.7	164	26	3.2	0.0
21/08/2023 04:30	1.4	157	27	2.4	0.0
21/08/2023 04:40	1.2	149	36	2.3	0.0
21/08/2023 04:50	1.4	156	37	3.0	0.0
21/08/2023 05:00	1.6	157	30	2.5	0.0
21/08/2023 05:10	1.3	165	30	2.4	0.0
21/08/2023 05:20	1.7	170	34	3.6	0.0
21/08/2023 05:30	1.9	173	27	3.6	0.0
21/08/2023 05:40	1.8	171	25	3.5	0.0
21/08/2023 05:50	2.1	177	21	3.6	0.0
21/08/2023 06:00	2.3	199	17	4.2	0.0
21/08/2023 06:10	2.9	192	23	4.4	0.0
21/08/2023 06:20	3.2	187	20	4.6	0.0
21/08/2023 06:30	3.3	192	17	5.1	0.0
21/08/2023 06:40	3.4	190	17	4.9	0.0
21/08/2023 06:50	3.8	193	19	6.1	0.0
21/08/2023 07:00	3.6	196	18	6.0	0.0
21/08/2023 07:10	3.1	197	18	4.5	0.0
21/08/2023 07:20	3.8	198	16	5.7	0.0
21/08/2023 07:30	3.8	196	24	5.7	0.0
21/08/2023 07:40	3.9	199	19	5.9	0.0
21/08/2023 07:50	4.2	204	18	6.7	0.0
21/08/2023 08:00	3.7	208	16	5.4	0.0
21/08/2023 08:10	3.4	224	17	5.5	0.0
21/08/2023 08:20	3.6	226	17	5.5	0.0
21/08/2023 08:30	3.6	223	16	5.3	0.0
21/08/2023 08:40	4.0	225	17	5.6	0.0
21/08/2023 08:50	4.0	224	17	6.3	0.0
21/08/2023 09:00	3.3	239	21	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 09:10	3.3	231	23	5.5	0.0
21/08/2023 09:20	3.2	242	20	4.9	0.0
21/08/2023 09:30	3.3	230	19	5.6	0.0
21/08/2023 09:40	3.4	245	20	4.8	0.0
21/08/2023 09:50	2.8	264	21	4.0	0.0
21/08/2023 10:00	3.8	242	19	5.6	0.0
21/08/2023 10:10	4.1	245	18	5.8	0.0
21/08/2023 10:20	3.6	248	19	5.2	0.0
21/08/2023 10:30	3.6	246	20	5.2	0.0
21/08/2023 10:40	3.3	250	20	5.1	0.0
21/08/2023 10:50	2.9	255	27	4.4	0.0
21/08/2023 11:00	3.1	249	19	5.3	0.0
21/08/2023 11:10	3.1	239	19	5.4	0.0
21/08/2023 11:20	3.1	242	23	4.8	0.0
21/08/2023 11:30	3.0	244	25	5.8	0.0
21/08/2023 11:40	3.2	243	23	5.0	0.0
21/08/2023 11:50	2.5	268	28	4.3	0.0
21/08/2023 12:00	2.1	276	46	3.6	0.0
21/08/2023 12:10	2.4	321	34	4.5	0.0
21/08/2023 12:20	2.5	343	29	4.4	0.0
21/08/2023 12:30	2.6	337	30	4.0	0.0
21/08/2023 12:40	2.5	181	32	4.5	0.0
21/08/2023 12:50	2.4	338	36	4.0	0.0
21/08/2023 13:00	2.7	334	24	4.1	0.0
21/08/2023 13:10	2.6	332	25	4.2	0.0
21/08/2023 13:20	2.2	347	40	4.0	0.0
21/08/2023 13:30	2.8	331	24	4.7	0.0
21/08/2023 13:40	2.7	347	35	4.4	0.0
21/08/2023 13:50	2.7	335	31	4.8	0.0
21/08/2023 14:00	3.0	326	22	5.0	0.0
21/08/2023 14:10	3.1	345	28	5.1	0.0
21/08/2023 14:20	2.7	326	35	4.2	0.0
21/08/2023 14:30	2.9	331	26	4.9	0.0
21/08/2023 14:40	3.0	335	29	4.5	0.0
21/08/2023 14:50	3.2	322	23	5.0	0.0
21/08/2023 15:00	2.8	338	28	4.7	0.0
21/08/2023 15:10	2.7	345	32	4.7	0.0
21/08/2023 15:20	2.6	348	34	4.4	0.0
21/08/2023 15:30	2.8	338	30	4.7	0.0
21/08/2023 15:40	2.5	349	31	4.1	0.0
21/08/2023 15:50	2.8	335	28	4.6	0.0
21/08/2023 16:00	2.8	337	29	4.4	0.0
21/08/2023 16:10	2.7	331	25	4.5	0.0
21/08/2023 16:20	2.6	339	29	4.2	0.0
21/08/2023 16:30	2.5	329	31	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 16:40	2.4	338	29	4.1	0.0
21/08/2023 16:50	2.3	326	25	3.6	0.0
21/08/2023 17:00	2.4	324	23	4.0	0.0
21/08/2023 17:10	2.3	322	27	3.3	0.0
21/08/2023 17:20	2.4	326	22	4.3	0.0
21/08/2023 17:30	2.4	335	26	4.0	0.0
21/08/2023 17:40	2.1	327	26	3.7	0.0
21/08/2023 17:50	2.1	339	27	3.6	0.0
21/08/2023 18:00	1.6	332	34	2.8	0.0
21/08/2023 18:10	1.7	330	28	3.6	0.0
21/08/2023 18:20	1.9	329	28	3.1	0.0
21/08/2023 18:30	2.4	325	20	3.9	0.0
21/08/2023 18:40	2.1	319	21	3.6	0.0
21/08/2023 18:50	2.4	322	21	3.4	0.0
21/08/2023 19:00	1.6	297	38	3.2	0.0
21/08/2023 19:10	1.3	267	36	2.0	0.0
21/08/2023 19:20	1.5	254	27	2.3	0.0
21/08/2023 19:30	1.8	259	14	2.5	0.0
21/08/2023 19:40	1.6	265	20	2.5	0.0
21/08/2023 19:50	1.7	254	12	2.5	0.0
21/08/2023 20:00	1.4	261	22	2.1	0.0
21/08/2023 20:10	1.9	251	13	2.5	0.0
21/08/2023 20:20	1.8	260	11	2.6	0.0
21/08/2023 20:30	1.8	282	19	2.7	0.0
21/08/2023 20:40	1.6	279	19	2.4	0.0
21/08/2023 20:50	1.7	265	17	2.6	0.0
21/08/2023 21:00	1.4	263	17	2.0	0.0
21/08/2023 21:10	1.9	259	10	2.4	0.0
21/08/2023 21:20	1.8	259	14	2.4	0.0
21/08/2023 21:30	1.7	258	12	2.1	0.0
21/08/2023 21:40	1.2	276	23	2.0	0.0
21/08/2023 21:50	1.3	267	13	1.9	0.0
21/08/2023 22:00	1.3	291	21	2.3	0.0
21/08/2023 22:10	1.1	292	27	1.8	0.0
21/08/2023 22:20	1.3	272	14	1.7	0.0
21/08/2023 22:30	1.6	272	19	2.6	0.0
21/08/2023 22:40	1.5	274	23	2.5	0.0
21/08/2023 22:50	1.6	274	24	2.8	0.0
21/08/2023 23:00	1.7	262	22	2.8	0.0
21/08/2023 23:10	1.8	258	17	2.8	0.0
21/08/2023 23:20	1.8	260	16	2.8	0.0
21/08/2023 23:30	1.9	253	18	2.6	0.0
21/08/2023 23:40	2.0	254	15	2.7	0.0
21/08/2023 23:50	2.3	252	16	3.6	0.0
22/08/2023 00:00	2.1	258	21	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 00:10	2.4	249	14	3.5	0.0
22/08/2023 00:20	1.8	256	17	2.6	0.0
22/08/2023 00:30	1.8	255	17	2.6	0.0
22/08/2023 00:40	1.3	255	15	2.1	0.0
22/08/2023 00:50	1.4	258	13	1.9	0.0
22/08/2023 01:00	1.2	264	16	1.6	0.0
22/08/2023 01:10	1.2	276	17	1.9	0.0
22/08/2023 01:20	1.3	275	12	1.7	0.0
22/08/2023 01:30	1.4	279	15	1.9	0.0
22/08/2023 01:40	1.4	269	19	2.4	0.0
22/08/2023 01:50	1.9	252	16	3.0	0.0
22/08/2023 02:00	1.8	253	14	2.8	0.0
22/08/2023 02:10	1.4	266	18	1.9	0.0
22/08/2023 02:20	1.9	250	10	2.8	0.0
22/08/2023 02:30	1.6	256	15	2.4	0.0
22/08/2023 02:40	1.3	280	15	1.9	0.0
22/08/2023 02:50	1.4	271	17	2.0	0.0
22/08/2023 03:00	1.4	272	16	2.1	0.0
22/08/2023 03:10	1.7	262	15	2.4	0.0
22/08/2023 03:20	1.6	264	17	2.2	0.0
22/08/2023 03:30	1.6	261	16	2.2	0.0
22/08/2023 03:40	1.7	266	15	2.5	0.0
22/08/2023 03:50	1.5	255	12	2.0	0.0
22/08/2023 04:00	1.5	254	11	1.8	0.0
22/08/2023 04:10	1.5	259	14	2.0	0.0
22/08/2023 04:20	1.1	271	20	1.7	0.0
22/08/2023 04:30	1.1	281	21	1.6	0.0
22/08/2023 04:40	0.8	274	23	1.4	0.0
22/08/2023 04:50	0.6	197	7	1.1	0.0
22/08/2023 05:00	0.9	298	16	1.6	0.0
22/08/2023 05:10	0.9	294	14	1.4	0.0
22/08/2023 05:20	0.7	302	14	1.1	0.0
22/08/2023 05:30	0.3	266	18	0.8	0.0
22/08/2023 05:40	0.2	341	7	0.9	0.0
22/08/2023 05:50	0.1	234	3	0.7	0.0
22/08/2023 06:00	0.0	177	4	0.5	0.0
22/08/2023 06:10	0.3	37	29	0.8	0.0
22/08/2023 06:20	0.6	26	16	1.1	0.0
22/08/2023 06:30	0.5	43	14	1.3	0.0
22/08/2023 06:40	0.7	29	15	1.2	0.0
22/08/2023 06:50	0.1	42	4	0.6	0.0
22/08/2023 07:00	0.4	43	16	0.9	0.0
22/08/2023 07:10	0.5	45	15	1.1	0.0
22/08/2023 07:20	0.3	40	12	1.0	0.0
22/08/2023 07:30	0.8	48	20	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 07:40	1.0	52	18	1.9	0.0
22/08/2023 07:50	0.8	68	22	1.6	0.0
22/08/2023 08:00	0.7	84	23	1.3	0.0
22/08/2023 08:10	1.1	87	23	1.8	0.0
22/08/2023 08:20	1.2	100	29	1.9	0.0
22/08/2023 08:30	1.2	97	27	1.9	0.0
22/08/2023 08:40	1.0	119	35	1.7	0.0
22/08/2023 08:50	1.4	107	26	2.3	0.0
22/08/2023 09:00	1.2	95	25	2.0	0.0
22/08/2023 09:10	1.4	99	25	2.2	0.0
22/08/2023 09:20	1.5	91	27	2.4	0.0
22/08/2023 09:30	1.7	92	28	2.8	0.0
22/08/2023 09:40	1.5	71	26	2.7	0.0
22/08/2023 09:50	1.7	89	23	2.7	0.0
22/08/2023 10:00	1.7	89	28	3.2	0.0
22/08/2023 10:10	1.7	92	32	2.8	0.0
22/08/2023 10:20	1.6	96	31	2.7	0.0
22/08/2023 10:30	1.5	85	32	2.6	0.0
22/08/2023 10:40	1.6	52	24	2.5	0.0
22/08/2023 10:50	1.5	60	33	2.4	0.0
22/08/2023 11:00	1.5	83	24	2.6	0.0
22/08/2023 11:10	1.6	71	33	2.6	0.0
22/08/2023 11:20	1.8	66	36	3.1	0.0
22/08/2023 11:30	1.7	72	27	2.9	0.0
22/08/2023 11:40	1.7	74	35	2.9	0.0
22/08/2023 11:50	1.7	86	34	2.8	0.0
22/08/2023 12:00	1.7	81	29	2.8	0.0
22/08/2023 12:10	2.0	89	27	3.1	0.0
22/08/2023 12:20	2.1	94	23	3.1	0.0
22/08/2023 12:30	1.9	85	28	3.1	0.0
22/08/2023 12:40	2.0	70	24	3.1	0.0
22/08/2023 12:50	2.0	73	25	3.2	0.0
22/08/2023 13:00	1.9	71	26	3.4	0.0
22/08/2023 13:10	1.6	67	32	2.8	0.0
22/08/2023 13:20	1.6	72	32	2.7	0.0
22/08/2023 13:30	1.6	65	31	2.8	0.0
22/08/2023 13:40	1.8	54	33	2.8	0.0
22/08/2023 13:50	1.1	197	56	2.4	0.0
22/08/2023 14:00	1.3	197	60	2.3	0.0
22/08/2023 14:10	1.4	345	41	2.6	0.0
22/08/2023 14:20	1.7	327	31	3.1	0.0
22/08/2023 14:30	1.7	191	63	2.8	0.0
22/08/2023 14:40	2.0	63	37	4.0	0.0
22/08/2023 14:50	2.2	64	28	3.3	0.0
22/08/2023 15:00	1.9	57	28	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 15:10	1.6	11	54	2.6	0.0
22/08/2023 15:20	1.7	195	48	2.8	0.0
22/08/2023 15:30	2.0	333	31	3.3	0.0
22/08/2023 15:40	2.1	320	23	3.2	0.0
22/08/2023 15:50	2.1	326	23	3.3	0.0
22/08/2023 16:00	2.0	319	29	3.0	0.0
22/08/2023 16:10	2.0	339	26	3.0	0.0
22/08/2023 16:20	2.0	323	23	3.3	0.0
22/08/2023 16:30	1.9	330	23	3.1	0.0
22/08/2023 16:40	2.0	329	27	3.0	0.0
22/08/2023 16:50	2.3	322	20	3.3	0.0
22/08/2023 17:00	2.0	327	20	3.1	0.0
22/08/2023 17:10	2.1	328	22	3.1	0.0
22/08/2023 17:20	1.8	327	19	3.0	0.0
22/08/2023 17:30	1.7	333	29	2.8	0.0
22/08/2023 17:40	2.0	338	25	3.2	0.0
22/08/2023 17:50	2.4	346	18	3.5	0.0
22/08/2023 18:00	2.0	349	27	3.1	0.0
22/08/2023 18:10	1.9	358	24	2.9	0.0
22/08/2023 18:20	1.7	7	28	2.9	0.0
22/08/2023 18:30	1.5	22	33	2.7	0.0
22/08/2023 18:40	1.4	20	31	2.5	0.0
22/08/2023 18:50	1.5	181	25	2.3	0.0
22/08/2023 19:00	1.6	338	24	2.7	0.0
22/08/2023 19:10	1.5	331	27	2.4	0.0
22/08/2023 19:20	1.3	334	32	2.0	0.0
22/08/2023 19:30	1.4	332	54	2.3	0.0
22/08/2023 19:40	0.5	129	31	1.0	0.0
22/08/2023 19:50	0.9	189	40	2.0	0.0
22/08/2023 20:00	0.5	142	52	1.3	0.0
22/08/2023 20:10	1.3	330	32	2.2	0.0
22/08/2023 20:20	1.9	330	17	3.2	0.0
22/08/2023 20:30	1.9	326	18	3.1	0.0
22/08/2023 20:40	1.2	333	46	2.4	0.0
22/08/2023 20:50	0.8	273	70	1.8	0.0
22/08/2023 21:00	0.7	62	87	1.9	0.0
22/08/2023 21:10	0.4	128	21	1.0	0.0
22/08/2023 21:20	0.1	231	20	0.7	0.0
22/08/2023 21:30	0.3	138	17	0.8	0.0
22/08/2023 21:40	0.8	40	58	1.3	0.0
22/08/2023 21:50	1.6	319	28	3.2	0.0
22/08/2023 22:00	1.9	324	26	3.1	0.0
22/08/2023 22:10	1.4	279	40	2.7	0.0
22/08/2023 22:20	2.1	282	30	3.4	0.0
22/08/2023 22:30	2.3	256	18	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 22:40	2.1	261	17	3.2	0.0
22/08/2023 22:50	2.4	257	11	3.6	0.0
22/08/2023 23:00	1.9	256	12	2.7	0.0
22/08/2023 23:10	2.5	257	10	3.2	0.0
22/08/2023 23:20	2.6	258	12	3.4	0.0
22/08/2023 23:30	2.9	259	13	4.0	0.0
22/08/2023 23:40	2.7	252	12	3.6	0.0
22/08/2023 23:50	1.8	260	15	2.4	0.0
23/08/2023 00:00	1.6	279	17	2.8	0.0
23/08/2023 00:10	1.9	269	16	2.9	0.0
23/08/2023 00:20	2.0	261	15	2.7	0.0
23/08/2023 00:30	2.4	256	14	3.3	0.0
23/08/2023 00:40	1.8	264	15	2.6	0.0
23/08/2023 00:50	2.2	255	15	3.1	0.0
23/08/2023 01:00	1.9	272	14	2.7	0.0
23/08/2023 01:10	2.0	262	13	2.6	0.0
23/08/2023 01:20	1.9	260	16	2.7	0.0
23/08/2023 01:30	1.9	267	16	2.8	0.0
23/08/2023 01:40	1.8	262	14	2.5	0.0
23/08/2023 01:50	1.5	271	15	2.3	0.0
23/08/2023 02:00	1.5	268	16	2.0	0.0
23/08/2023 02:10	1.6	275	18	2.3	0.0
23/08/2023 02:20	1.8	263	14	2.4	0.0
23/08/2023 02:30	1.7	262	13	2.7	0.0
23/08/2023 02:40	1.1	250	11	2.0	0.0
23/08/2023 02:50	1.3	257	9	1.7	0.0
23/08/2023 03:00	1.4	253	9	1.7	0.0
23/08/2023 03:10	1.7	256	13	2.3	0.0
23/08/2023 03:20	1.7	266	15	2.8	0.0
23/08/2023 03:30	1.9	259	14	2.6	0.0
23/08/2023 03:40	1.6	263	16	2.3	0.0
23/08/2023 03:50	1.3	260	13	2.0	0.0
23/08/2023 04:00	1.4	266	18	2.0	0.0
23/08/2023 04:10	1.4	266	13	2.1	0.0
23/08/2023 04:20	1.6	263	11	2.1	0.0
23/08/2023 04:30	1.4	273	15	2.1	0.0
23/08/2023 04:40	1.4	264	13	1.7	0.0
23/08/2023 04:50	1.6	260	12	2.1	0.0
23/08/2023 05:00	1.8	262	14	2.4	0.0
23/08/2023 05:10	1.9	262	12	2.7	0.0
23/08/2023 05:20	1.6	263	13	2.4	0.0
23/08/2023 05:30	1.5	267	13	2.1	0.0
23/08/2023 05:40	1.6	266	13	2.0	0.0
23/08/2023 05:50	1.3	264	14	2.0	0.0
23/08/2023 06:00	1.0	290	50	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 06:10	0.3	274	12	0.8	0.0
23/08/2023 06:20	0.2	208	26	1.0	0.0
23/08/2023 06:30	0.7	244	12	1.4	0.0
23/08/2023 06:40	0.7	221	15	1.4	0.0
23/08/2023 06:50	1.3	221	22	2.2	0.0
23/08/2023 07:00	2.0	227	20	3.5	0.0
23/08/2023 07:10	2.4	225	18	3.6	0.0
23/08/2023 07:20	2.8	215	15	4.0	0.0
23/08/2023 07:30	2.6	227	19	3.8	0.0
23/08/2023 07:40	2.4	238	21	3.9	0.0
23/08/2023 07:50	1.9	233	15	2.8	0.0
23/08/2023 08:00	1.7	246	20	2.6	0.0
23/08/2023 08:10	1.8	231	22	2.7	0.0
23/08/2023 08:20	1.9	214	19	2.8	0.0
23/08/2023 08:30	2.0	209	24	2.8	0.0
23/08/2023 08:40	1.8	211	25	2.4	0.0
23/08/2023 08:50	1.6	189	25	2.4	0.0
23/08/2023 09:00	1.0	134	43	2.0	0.0
23/08/2023 09:10	1.2	138	31	1.9	0.0
23/08/2023 09:20	1.2	146	33	2.0	0.0
23/08/2023 09:30	1.9	190	30	2.7	0.0
23/08/2023 09:40	1.6	262	47	2.4	0.0
23/08/2023 09:50	1.6	159	53	2.8	0.0
23/08/2023 10:00	1.5	121	39	2.7	0.0
23/08/2023 10:10	1.1	91	69	1.7	0.0
23/08/2023 10:20	1.0	91	54	1.7	0.0
23/08/2023 10:30	1.0	74	43	1.8	0.0
23/08/2023 10:40	1.2	150	53	1.8	0.0
23/08/2023 10:50	0.9	237	70	1.7	0.0
23/08/2023 11:00	1.7	258	35	2.8	0.0
23/08/2023 11:10	2.0	254	29	3.3	0.0
23/08/2023 11:20	1.9	216	48	3.4	0.0
23/08/2023 11:30	1.7	243	40	3.1	0.0
23/08/2023 11:40	1.7	257	48	3.3	0.0
23/08/2023 11:50	0.8	136	78	1.7	0.0
23/08/2023 12:00	2.0	58	30	3.3	0.0
23/08/2023 12:10	2.0	36	31	4.4	0.0
23/08/2023 12:20	2.0	200	32	3.2	0.0
23/08/2023 12:30	1.7	174	37	3.1	0.0
23/08/2023 12:40	1.7	168	43	3.1	0.0
23/08/2023 12:50	1.9	280	42	3.3	0.0
23/08/2023 13:00	1.8	336	54	3.1	0.0
23/08/2023 13:10	1.7	289	56	3.0	0.0
23/08/2023 13:20	1.8	302	44	2.8	0.0
23/08/2023 13:30	1.7	336	51	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 13:40	1.4	102	70	3.0	0.0
23/08/2023 13:50	1.3	152	77	2.7	0.0
23/08/2023 14:00	1.3	258	40	2.4	0.0
23/08/2023 14:10	1.5	321	47	2.6	0.0
23/08/2023 14:20	1.8	347	37	2.9	0.0
23/08/2023 14:30	1.5	319	60	2.5	0.0
23/08/2023 14:40	2.0	309	36	3.4	0.0
23/08/2023 14:50	1.9	324	38	3.2	0.0
23/08/2023 15:00	1.6	306	46	2.7	0.0
23/08/2023 15:10	1.9	337	27	3.1	0.0
23/08/2023 15:20	1.7	306	37	2.8	0.0
23/08/2023 15:30	1.4	314	44	2.4	0.0
23/08/2023 15:40	1.8	333	33	3.4	0.0
23/08/2023 15:50	1.6	320	35	2.7	0.0
23/08/2023 16:00	1.7	334	32	2.9	0.0
23/08/2023 16:10	2.2	340	19	3.2	0.0
23/08/2023 16:20	2.2	343	27	3.8	0.0
23/08/2023 16:30	2.0	312	28	3.0	0.0
23/08/2023 16:40	1.9	322	24	3.4	0.0
23/08/2023 16:50	2.0	322	24	2.8	0.0
23/08/2023 17:00	1.8	284	27	3.2	0.0
23/08/2023 17:10	2.2	320	29	3.4	0.0
23/08/2023 17:20	1.6	312	34	3.0	0.0
23/08/2023 17:30	1.7	319	31	3.1	0.0
23/08/2023 17:40	1.4	290	36	2.4	0.0
23/08/2023 17:50	1.1	283	37	2.2	0.0
23/08/2023 18:00	1.4	308	36	2.6	0.0
23/08/2023 18:10	1.4	302	40	2.4	0.0
23/08/2023 18:20	1.5	301	42	2.4	0.0
23/08/2023 18:30	1.7	319	32	3.3	0.0
23/08/2023 18:40	1.5	304	37	2.9	0.0
23/08/2023 18:50	1.4	271	28	2.5	0.0
23/08/2023 19:00	2.1	270	15	3.2	0.0
23/08/2023 19:10	2.2	264	17	2.9	0.0
23/08/2023 19:20	2.0	263	15	2.8	0.0
23/08/2023 19:30	1.8	263	13	2.7	0.0
23/08/2023 19:40	1.7	262	12	2.4	0.0
23/08/2023 19:50	1.8	252	9	2.4	0.0
23/08/2023 20:00	1.9	262	13	2.9	0.0
23/08/2023 20:10	2.1	259	12	3.0	0.0
23/08/2023 20:20	2.5	252	12	3.2	0.0
23/08/2023 20:30	2.3	255	11	3.1	0.0
23/08/2023 20:40	2.0	252	12	2.8	0.0
23/08/2023 20:50	2.2	257	13	3.0	0.0
23/08/2023 21:00	2.3	255	15	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 21:10	1.9	251	13	2.8	0.0
23/08/2023 21:20	2.2	254	14	3.0	0.0
23/08/2023 21:30	2.1	253	15	2.8	0.0
23/08/2023 21:40	2.3	257	16	3.5	0.0
23/08/2023 21:50	2.3	255	15	3.1	0.0
23/08/2023 22:00	2.0	255	15	3.0	0.0
23/08/2023 22:10	2.4	261	13	3.2	0.0
23/08/2023 22:20	2.2	257	13	3.4	0.0
23/08/2023 22:30	2.3	260	15	3.3	0.0
23/08/2023 22:40	2.3	258	14	3.2	0.0
23/08/2023 22:50	2.1	261	15	2.9	0.0
23/08/2023 23:00	1.8	252	16	2.5	0.0
23/08/2023 23:10	1.9	256	14	2.5	0.0
23/08/2023 23:20	2.2	261	15	3.0	0.0
23/08/2023 23:30	2.2	263	15	2.8	0.0
23/08/2023 23:40	2.4	269	16	3.4	0.0
23/08/2023 23:50	2.8	271	15	3.8	0.0
24/08/2023 00:00	2.6	261	13	3.6	0.0
24/08/2023 00:10	2.6	265	16	3.7	0.0
24/08/2023 00:20	2.4	266	15	3.2	0.0
24/08/2023 00:30	2.4	275	17	3.4	0.0
24/08/2023 00:40	2.3	274	19	3.3	0.0
24/08/2023 00:50	2.3	279	16	3.4	0.0
24/08/2023 01:00	2.6	274	18	3.4	0.0
24/08/2023 01:10	2.5	273	16	3.5	0.0
24/08/2023 01:20	2.3	268	17	3.4	0.0
24/08/2023 01:30	2.3	270	17	3.4	0.0
24/08/2023 01:40	2.4	270	16	3.3	0.0
24/08/2023 01:50	2.2	263	14	3.2	0.0
24/08/2023 02:00	2.2	263	16	3.2	0.0
24/08/2023 02:10	2.4	258	14	3.3	0.0
24/08/2023 02:20	2.3	264	16	3.2	0.0
24/08/2023 02:30	2.1	275	18	2.9	0.0
24/08/2023 02:40	2.2	270	17	3.0	0.0
24/08/2023 02:50	2.1	261	16	3.2	0.0
24/08/2023 03:00	1.9	256	18	2.6	0.0
24/08/2023 03:10	1.8	236	17	2.7	0.0
24/08/2023 03:20	1.8	230	15	2.6	0.0
24/08/2023 03:30	1.5	223	20	2.5	0.0
24/08/2023 03:40	1.2	209	30	1.8	0.0
24/08/2023 03:50	1.5	228	30	3.0	0.0
24/08/2023 04:00	1.4	211	17	2.3	0.0
24/08/2023 04:10	0.8	213	42	1.6	0.0
24/08/2023 04:20	1.2	148	72	2.3	0.0
24/08/2023 04:30	0.5	292	23	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 04:40	0.6	185	66	1.3	0.0
24/08/2023 04:50	0.6	29	40	1.4	0.0
24/08/2023 05:00	1.0	349	28	1.6	0.0
24/08/2023 05:10	0.7	24	22	1.3	0.0
24/08/2023 05:20	0.8	7	32	1.4	0.0
24/08/2023 05:30	0.9	141	49	2.0	0.0
24/08/2023 05:40	1.0	317	37	1.6	0.0
24/08/2023 05:50	0.6	300	23	1.5	0.0
24/08/2023 06:00	0.7	149	67	1.2	0.0
24/08/2023 06:10	0.6	58	43	1.2	0.0
24/08/2023 06:20	0.8	97	43	1.4	0.0
24/08/2023 06:30	0.7	204	23	1.6	0.0
24/08/2023 06:40	1.1	206	30	2.1	0.0
24/08/2023 06:50	0.9	197	33	1.7	0.0
24/08/2023 07:00	0.4	146	40	1.1	0.0
24/08/2023 07:10	0.5	72	35	1.4	0.0
24/08/2023 07:20	0.1	77	11	0.6	0.0
24/08/2023 07:30	0.3	80	17	0.8	0.0
24/08/2023 07:40	0.7	92	24	1.2	0.0
24/08/2023 07:50	0.8	115	23	1.6	0.0
24/08/2023 08:00	1.0	106	37	1.6	0.0
24/08/2023 08:10	1.1	103	28	1.9	0.0
24/08/2023 08:20	1.1	118	28	1.8	0.0
24/08/2023 08:30	1.1	117	31	1.8	0.0
24/08/2023 08:40	1.0	117	35	1.6	0.0
24/08/2023 08:50	1.0	105	34	2.0	0.0
24/08/2023 09:00	1.2	110	29	2.0	0.0
24/08/2023 09:10	1.2	125	29	2.4	0.0
24/08/2023 09:20	1.5	116	33	2.5	0.0
24/08/2023 09:30	1.5	116	30	2.6	0.0
24/08/2023 09:40	1.7	120	30	2.8	0.0
24/08/2023 09:50	1.7	104	25	2.7	0.0
24/08/2023 10:00	1.6	94	31	2.8	0.0
24/08/2023 10:10	1.7	95	30	3.0	0.0
24/08/2023 10:20	1.8	105	27	2.8	0.0
24/08/2023 10:30	1.8	111	29	3.1	0.0
24/08/2023 10:40	1.6	120	30	2.8	0.0
24/08/2023 10:50	1.6	113	33	2.5	0.0
24/08/2023 11:00	1.9	87	29	3.0	0.0
24/08/2023 11:10	1.5	92	27	2.8	0.0
24/08/2023 11:20	1.6	61	26	2.8	0.0
24/08/2023 11:30	1.7	62	27	2.8	0.0
24/08/2023 11:40	1.8	75	28	2.9	0.0
24/08/2023 11:50	1.8	83	28	3.0	0.0
24/08/2023 12:00	2.1	49	22	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 12:10	2.1	53	26	3.6	0.0
24/08/2023 12:20	2.3	46	22	3.4	0.0
24/08/2023 12:30	2.4	50	25	3.6	0.0
24/08/2023 12:40	2.2	49	22	3.6	0.0
24/08/2023 12:50	2.3	61	19	3.3	0.0
24/08/2023 13:00	2.3	73	26	4.0	0.0
24/08/2023 13:10	2.4	75	23	4.4	0.0
24/08/2023 13:20	2.4	68	23	4.0	0.0
24/08/2023 13:30	2.3	66	25	4.0	0.0
24/08/2023 13:40	2.4	64	22	3.6	0.0
24/08/2023 13:50	2.6	57	23	4.5	0.0
24/08/2023 14:00	2.3	61	26	3.6	0.0
24/08/2023 14:10	2.8	61	26	4.8	0.0
24/08/2023 14:20	2.7	68	23	4.6	0.0
24/08/2023 14:30	2.7	65	23	4.4	0.0
24/08/2023 14:40	2.6	58	22	4.2	0.0
24/08/2023 14:50	2.7	56	22	4.6	0.0
24/08/2023 15:00	2.8	63	21	4.4	0.0
24/08/2023 15:10	2.6	60	21	4.4	0.0
24/08/2023 15:20	2.7	56	23	5.0	0.0
24/08/2023 15:30	2.6	63	21	4.3	0.0
24/08/2023 15:40	3.3	48	20	4.8	0.0
24/08/2023 15:50	2.4	43	24	3.9	0.0
24/08/2023 16:00	2.1	64	22	3.2	0.0
24/08/2023 16:10	2.3	74	21	3.5	0.0
24/08/2023 16:20	2.0	66	24	3.2	0.0
24/08/2023 16:30	2.1	67	21	2.9	0.0
24/08/2023 16:40	1.9	65	22	3.0	0.0
24/08/2023 16:50	1.9	41	24	3.1	0.0
24/08/2023 17:00	1.9	37	24	3.2	0.0
24/08/2023 17:10	2.3	35	23	3.9	0.0
24/08/2023 17:20	1.8	21	30	3.2	0.0
24/08/2023 17:30	1.6	10	34	2.8	0.0
24/08/2023 17:40	1.5	16	35	2.9	0.0
24/08/2023 17:50	1.4	28	32	2.4	0.0
24/08/2023 18:00	1.1	2	36	2.1	0.0
24/08/2023 18:10	1.2	186	34	2.1	0.0
24/08/2023 18:20	0.9	13	33	1.7	0.0
24/08/2023 18:30	0.9	11	33	1.8	0.0
24/08/2023 18:40	1.3	179	22	2.1	0.0
24/08/2023 18:50	1.7	7	31	2.9	0.0
24/08/2023 19:00	2.0	22	24	3.1	0.0
24/08/2023 19:10	1.5	14	26	2.5	0.0
24/08/2023 19:20	0.9	172	41	1.8	0.0
24/08/2023 19:30	0.7	260	35	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 19:40	0.8	234	34	1.2	0.0
24/08/2023 19:50	0.4	204	7	0.8	0.0
24/08/2023 20:00	0.1	314	8	0.9	0.0
24/08/2023 20:10	0.2	32	6	0.7	0.0
24/08/2023 20:20	0.1	38	9	0.4	0.0
24/08/2023 20:30	0.0	341	1	0.4	0.0
24/08/2023 20:40	0.2	354	4	0.8	0.0
24/08/2023 20:50	0.9	342	8	1.4	0.0
24/08/2023 21:00	0.9	340	11	1.2	0.0
24/08/2023 21:10	0.6	352	12	0.9	0.0
24/08/2023 21:20	0.2	292	9	0.8	0.0
24/08/2023 21:30	0.9	294	14	1.6	0.0
24/08/2023 21:40	1.7	268	22	2.8	0.0
24/08/2023 21:50	1.9	255	13	2.7	0.0
24/08/2023 22:00	1.5	262	15	2.0	0.0
24/08/2023 22:10	1.6	259	11	2.0	0.0
24/08/2023 22:20	1.4	266	16	1.9	0.0
24/08/2023 22:30	0.8	265	17	1.3	0.0
24/08/2023 22:40	1.2	258	12	1.7	0.0
24/08/2023 22:50	0.7	260	11	1.2	0.0
24/08/2023 23:00	1.1	261	16	1.8	0.0
24/08/2023 23:10	0.7	262	9	1.2	0.0
24/08/2023 23:20	0.5	289	15	1.2	0.0
24/08/2023 23:30	1.1	268	13	1.6	0.0
24/08/2023 23:40	1.2	259	20	1.6	0.0
24/08/2023 23:50	0.8	287	16	1.5	0.0
25/08/2023 00:00	0.1	300	17	0.6	0.0
25/08/2023 00:10	0.4	197	8	0.8	0.0
25/08/2023 00:20	0.8	175	13	1.2	0.0
25/08/2023 00:30	0.3	25	46	1.0	0.0
25/08/2023 00:40	0.2	328	32	1.0	0.0
25/08/2023 00:50	0.4	202	43	1.0	0.0
25/08/2023 01:00	0.8	260	55	1.1	0.0
25/08/2023 01:10	0.6	251	31	1.2	0.0
25/08/2023 01:20	0.7	287	30	1.2	0.0
25/08/2023 01:30	1.1	174	11	1.6	0.0
25/08/2023 01:40	1.1	176	21	1.5	0.0
25/08/2023 01:50	0.9	15	21	1.5	0.0
25/08/2023 02:00	0.9	19	17	1.2	0.0
25/08/2023 02:10	0.6	195	27	1.1	0.0
25/08/2023 02:20	1.0	353	25	1.4	0.0
25/08/2023 02:30	0.7	38	39	1.1	0.0
25/08/2023 02:40	0.7	31	21	1.2	0.0
25/08/2023 02:50	0.6	181	25	1.3	0.0
25/08/2023 03:00	1.1	348	16	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 03:10	0.7	6	39	1.3	0.0
25/08/2023 03:20	0.9	178	17	1.2	0.0
25/08/2023 03:30	1.0	290	33	1.6	0.0
25/08/2023 03:40	0.6	157	46	1.2	0.0
25/08/2023 03:50	1.3	200	26	2.9	0.0
25/08/2023 04:00	0.6	186	42	1.3	0.0
25/08/2023 04:10	1.2	174	32	2.7	0.0
25/08/2023 04:20	1.1	215	43	2.4	0.0
25/08/2023 04:30	0.7	76	61	1.6	0.0
25/08/2023 04:40	0.6	126	46	1.4	0.0
25/08/2023 04:50	1.0	138	36	2.2	0.0
25/08/2023 05:00	0.7	162	30	1.6	0.0
25/08/2023 05:10	0.8	201	26	1.5	0.0
25/08/2023 05:20	0.3	145	22	1.1	0.0
25/08/2023 05:30	0.2	177	13	0.6	0.0
25/08/2023 05:40	0.2	5	14	0.7	0.0
25/08/2023 05:50	0.6	16	25	0.9	0.0
25/08/2023 06:00	0.8	20	28	1.4	0.0
25/08/2023 06:10	0.7	19	24	1.2	0.0
25/08/2023 06:20	0.8	19	21	1.3	0.0
25/08/2023 06:30	0.7	19	22	1.2	0.0
25/08/2023 06:40	0.5	18	22	1.0	0.0
25/08/2023 06:50	0.7	22	21	1.1	0.0
25/08/2023 07:00	0.6	24	26	1.1	0.0
25/08/2023 07:10	0.3	21	19	0.8	0.0
25/08/2023 07:20	0.7	25	21	1.1	0.0
25/08/2023 07:30	0.8	43	22	1.4	0.0
25/08/2023 07:40	0.8	70	33	1.5	0.0
25/08/2023 07:50	1.0	90	23	1.8	0.0
25/08/2023 08:00	1.3	98	29	2.2	0.0
25/08/2023 08:10	1.2	107	28	1.7	0.0
25/08/2023 08:20	1.1	100	37	2.0	0.0
25/08/2023 08:30	1.4	95	26	2.2	0.0
25/08/2023 08:40	1.6	90	22	2.5	0.0
25/08/2023 08:50	1.6	113	28	2.8	0.0
25/08/2023 09:00	1.5	98	35	2.7	0.0
25/08/2023 09:10	1.9	91	22	2.9	0.0
25/08/2023 09:20	1.9	81	27	3.2	0.0
25/08/2023 09:30	2.3	81	25	4.0	0.0
25/08/2023 09:40	2.6	71	26	4.6	0.0
25/08/2023 09:50	2.4	76	27	4.2	0.0
25/08/2023 10:00	2.7	79	26	4.5	0.0
25/08/2023 10:10	3.5	83	22	5.4	0.0
25/08/2023 10:20	2.9	68	27	4.6	0.0
25/08/2023 10:30	2.7	51	25	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 10:40	2.7	65	29	4.4	0.0
25/08/2023 10:50	2.8	78	30	5.0	0.0
25/08/2023 11:00	3.1	71	26	5.4	0.0
25/08/2023 11:10	3.2	71	27	5.2	0.0
25/08/2023 11:20	2.9	67	25	4.8	0.0
25/08/2023 11:30	2.9	65	26	4.7	0.0
25/08/2023 11:40	3.1	71	24	4.8	0.0
25/08/2023 11:50	3.3	79	21	5.5	0.0
25/08/2023 12:00	3.4	73	20	5.2	0.0
25/08/2023 12:10	3.3	76	23	5.6	0.0
25/08/2023 12:20	3.0	77	20	4.7	0.0
25/08/2023 12:30	3.4	67	23	5.2	0.0
25/08/2023 12:40	3.3	73	18	4.9	0.0
25/08/2023 12:50	3.0	71	23	4.8	0.0
25/08/2023 13:00	2.9	68	28	4.5	0.0
25/08/2023 13:10	3.0	75	21	5.1	0.0
25/08/2023 13:20	3.2	78	23	5.0	0.0
25/08/2023 13:30	3.0	76	19	5.1	0.0
25/08/2023 13:40	2.9	74	23	4.5	0.0
25/08/2023 13:50	2.8	64	25	4.4	0.0
25/08/2023 14:00	3.0	63	24	4.9	0.0
25/08/2023 14:10	3.2	60	22	5.0	0.0
25/08/2023 14:20	3.6	61	22	5.5	0.0
25/08/2023 14:30	3.7	58	22	5.6	0.0
25/08/2023 14:40	4.3	50	21	7.4	0.0
25/08/2023 14:50	3.6	55	21	5.8	0.0
25/08/2023 15:00	3.8	51	22	6.2	0.0
25/08/2023 15:10	3.3	52	22	5.4	0.0
25/08/2023 15:20	3.6	52	20	5.9	0.0
25/08/2023 15:30	3.5	52	20	5.6	0.0
25/08/2023 15:40	3.3	50	19	5.2	0.0
25/08/2023 15:50	3.0	41	20	4.9	0.0
25/08/2023 16:00	3.1	53	22	5.1	0.0
25/08/2023 16:10	3.2	47	24	5.5	0.0
25/08/2023 16:20	3.2	44	23	5.4	0.0
25/08/2023 16:30	3.3	44	20	5.0	0.0
25/08/2023 16:40	3.3	41	22	5.1	0.0
25/08/2023 16:50	2.8	45	22	4.8	0.0
25/08/2023 17:00	2.9	38	20	4.5	0.0
25/08/2023 17:10	2.2	36	26	3.5	0.0
25/08/2023 17:20	2.0	23	32	3.6	0.0
25/08/2023 17:30	2.2	17	31	4.0	0.0
25/08/2023 17:40	2.2	10	28	3.6	0.0
25/08/2023 17:50	2.3	17	29	3.7	0.0
25/08/2023 18:00	2.3	17	28	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 18:10	2.5	17	29	4.0	0.0
25/08/2023 18:20	2.5	14	29	4.4	0.0
25/08/2023 18:30	2.3	23	28	3.4	0.0
25/08/2023 18:40	2.1	29	27	3.3	0.0
25/08/2023 18:50	1.9	30	24	3.4	0.0
25/08/2023 19:00	1.9	31	25	2.9	0.0
25/08/2023 19:10	1.5	29	40	2.8	0.0
25/08/2023 19:20	1.2	276	52	2.8	0.0
25/08/2023 19:30	1.4	248	14	2.0	0.0
25/08/2023 19:40	0.8	38	28	1.5	0.0
25/08/2023 19:50	0.3	55	17	0.9	0.0
25/08/2023 20:00	0.3	42	5	0.8	0.0
25/08/2023 20:10	0.2	146	9	0.8	0.0
25/08/2023 20:20	0.3	228	9	0.9	0.0
25/08/2023 20:30	0.1	182	5	0.6	0.0
25/08/2023 20:40	0.7	26	11	1.1	0.0
25/08/2023 20:50	0.7	210	33	1.3	0.0
25/08/2023 21:00	0.3	305	5	1.0	0.0
25/08/2023 21:10	0.7	339	9	1.0	0.0
25/08/2023 21:20	0.4	168	6	1.1	0.0
25/08/2023 21:30	0.6	328	32	1.0	0.0
25/08/2023 21:40	0.4	265	8	0.9	0.0
25/08/2023 21:50	0.9	332	11	1.6	0.0
25/08/2023 22:00	0.9	351	15	1.4	0.0
25/08/2023 22:10	0.1	6	16	0.4	0.0
25/08/2023 22:20	0.2	344	8	0.7	0.0
25/08/2023 22:30	0.0	179	4	0.5	0.0
25/08/2023 22:40	0.3	198	4	0.8	0.0
25/08/2023 22:50	0.3	141	19	0.8	0.0
25/08/2023 23:00	0.1	298	6	0.6	0.0
25/08/2023 23:10	0.2	185	8	0.8	0.0
25/08/2023 23:20	0.1	54	1	0.6	0.0
25/08/2023 23:30	0.6	343	9	1.2	0.0
25/08/2023 23:40	0.6	338	38	1.1	0.0
25/08/2023 23:50	0.8	347	11	1.2	0.0
26/08/2023 00:00	1.1	341	11	1.6	0.0
26/08/2023 00:10	0.4	347	11	0.8	0.0
26/08/2023 00:20	0.6	349	10	1.3	0.0
26/08/2023 00:30	0.4	345	11	0.9	0.0
26/08/2023 00:40	0.5	181	16	0.8	0.0
26/08/2023 00:50	0.5	345	10	1.0	0.0
26/08/2023 01:00	0.5	194	24	0.9	0.0
26/08/2023 01:10	0.4	173	13	0.8	0.0
26/08/2023 01:20	0.7	352	14	1.1	0.0
26/08/2023 01:30	0.4	180	11	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 01:40	0.7	17	25	1.2	0.0
26/08/2023 01:50	0.4	10	43	1.1	0.0
26/08/2023 02:00	0.6	194	29	1.9	0.0
26/08/2023 02:10	0.7	196	47	1.5	0.0
26/08/2023 02:20	0.9	280	26	1.5	0.0
26/08/2023 02:30	0.2	333	11	0.7	0.0
26/08/2023 02:40	1.2	239	9	1.7	0.0
26/08/2023 02:50	1.2	197	42	2.3	0.0
26/08/2023 03:00	0.8	210	29	1.6	0.0
26/08/2023 03:10	0.9	188	34	1.8	0.0
26/08/2023 03:20	0.5	197	41	1.1	0.0
26/08/2023 03:30	0.7	211	28	1.5	0.0
26/08/2023 03:40	0.6	201	19	2.0	0.0
26/08/2023 03:50	0.5	213	28	1.6	0.0
26/08/2023 04:00	0.7	171	26	1.4	0.0
26/08/2023 04:10	0.3	256	13	1.0	0.0
26/08/2023 04:20	0.4	229	32	1.3	0.0
26/08/2023 04:30	0.9	220	40	2.2	0.0
26/08/2023 04:40	0.5	248	42	1.2	0.0
26/08/2023 04:50	0.7	177	12	1.3	0.0
26/08/2023 05:00	0.3	164	37	1.1	0.0
26/08/2023 05:10	0.2	131	18	0.7	0.0
26/08/2023 05:20	0.6	103	37	1.0	0.0
26/08/2023 05:30	0.6	184	21	1.2	0.0
26/08/2023 05:40	0.6	138	43	1.5	0.0
26/08/2023 05:50	0.1	138	18	0.6	0.0
26/08/2023 06:00	0.1	171	22	1.0	0.0
26/08/2023 06:10	0.3	352	10	0.8	0.0
26/08/2023 06:20	0.5	186	41	1.0	0.0
26/08/2023 06:30	0.1	58	24	0.6	0.0
26/08/2023 06:40	0.2	185	11	0.7	0.0
26/08/2023 06:50	0.3	12	12	0.8	0.0
26/08/2023 07:00	0.8	349	14	1.2	0.0
26/08/2023 07:10	0.6	28	19	1.6	0.0
26/08/2023 07:20	0.3	41	17	1.0	0.0
26/08/2023 07:30	0.5	77	24	1.2	0.0
26/08/2023 07:40	0.8	96	22	1.3	0.0
26/08/2023 07:50	0.9	100	24	1.7	0.0
26/08/2023 08:00	0.9	104	27	1.6	0.0
26/08/2023 08:10	1.2	110	30	1.8	0.0
26/08/2023 08:20	1.4	104	28	2.4	0.0
26/08/2023 08:30	1.5	100	24	2.2	0.0
26/08/2023 08:40	1.4	110	33	2.3	0.0
26/08/2023 08:50	1.6	117	28	2.7	0.0
26/08/2023 09:00	1.6	104	28	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 09:10	1.4	95	36	2.4	0.0
26/08/2023 09:20	1.6	105	31	2.7	0.0
26/08/2023 09:30	2.0	90	31	3.6	0.0
26/08/2023 09:40	2.4	82	27	4.1	0.0
26/08/2023 09:50	2.6	78	28	4.4	0.0
26/08/2023 10:00	2.7	73	25	4.4	0.0
26/08/2023 10:10	2.8	68	24	5.0	0.0
26/08/2023 10:20	2.6	61	29	4.4	0.0
26/08/2023 10:30	2.9	76	27	4.4	0.0
26/08/2023 10:40	3.1	58	26	4.4	0.0
26/08/2023 10:50	3.5	77	22	5.6	0.0
26/08/2023 11:00	3.2	72	24	4.8	0.0
26/08/2023 11:10	3.7	74	22	5.5	0.0
26/08/2023 11:20	3.3	72	22	5.0	0.0
26/08/2023 11:30	3.4	74	22	5.6	0.0
26/08/2023 11:40	3.3	67	20	6.0	0.0
26/08/2023 11:50	3.2	60	21	6.0	0.0
26/08/2023 12:00	3.2	66	26	5.1	0.0
26/08/2023 12:10	3.0	64	23	4.9	0.0
26/08/2023 12:20	3.0	77	26	5.1	0.0
26/08/2023 12:30	3.2	66	24	5.3	0.0
26/08/2023 12:40	3.2	66	25	5.2	0.0
26/08/2023 12:50	3.1	70	28	5.6	0.0
26/08/2023 13:00	3.0	62	26	4.5	0.0
26/08/2023 13:10	3.6	57	21	6.0	0.0
26/08/2023 13:20	3.5	56	23	6.0	0.0
26/08/2023 13:30	3.0	68	25	4.4	0.0
26/08/2023 13:40	2.9	60	24	5.4	0.0
26/08/2023 13:50	3.5	52	24	7.0	0.0
26/08/2023 14:00	3.1	63	28	5.2	0.0
26/08/2023 14:10	3.5	53	23	6.1	0.0
26/08/2023 14:20	3.4	64	23	5.9	0.0
26/08/2023 14:30	3.3	66	24	4.8	0.0
26/08/2023 14:40	3.4	60	23	4.9	0.0
26/08/2023 14:50	3.3	62	24	5.2	0.0
26/08/2023 15:00	3.2	61	23	5.2	0.0
26/08/2023 15:10	3.4	57	21	5.6	0.0
26/08/2023 15:20	3.6	54	20	5.7	0.0
26/08/2023 15:30	3.5	53	20	5.8	0.0
26/08/2023 15:40	3.5	51	21	6.4	0.0
26/08/2023 15:50	3.1	46	23	5.0	0.0
26/08/2023 16:00	3.7	47	24	6.0	0.0
26/08/2023 16:10	3.9	46	22	6.2	0.0
26/08/2023 16:20	4.0	54	20	6.3	0.0
26/08/2023 16:30	4.3	52	20	7.2	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 16:40	3.6	44	21	5.8	0.0
26/08/2023 16:50	3.7	48	24	6.1	0.0
26/08/2023 17:00	3.8	48	21	5.9	0.0
26/08/2023 17:10	3.6	46	20	5.3	0.0
26/08/2023 17:20	3.5	51	19	6.0	0.0
26/08/2023 17:30	3.3	47	19	5.4	0.0
26/08/2023 17:40	2.9	49	19	4.7	0.0
26/08/2023 17:50	2.1	49	23	3.8	0.0
26/08/2023 18:00	2.4	46	22	4.2	0.0
26/08/2023 18:10	1.9	47	22	3.2	0.0
26/08/2023 18:20	2.1	46	22	2.9	0.0
26/08/2023 18:30	2.0	45	20	3.3	0.0
26/08/2023 18:40	1.0	51	23	2.0	0.0
26/08/2023 18:50	1.5	40	23	2.6	0.0
26/08/2023 19:00	1.8	43	21	3.3	0.0
26/08/2023 19:10	2.1	46	20	4.2	0.0
26/08/2023 19:20	2.2	47	19	3.3	0.0
26/08/2023 19:30	1.8	45	23	3.3	0.0
26/08/2023 19:40	1.9	52	23	2.8	0.0
26/08/2023 19:50	1.2	61	21	2.2	0.0
26/08/2023 20:00	0.6	55	17	1.2	0.0
26/08/2023 20:10	0.7	52	15	1.1	0.0
26/08/2023 20:20	0.9	42	16	1.5	0.0
26/08/2023 20:30	1.0	42	18	1.6	0.0
26/08/2023 20:40	1.0	37	16	1.5	0.0
26/08/2023 20:50	0.9	41	17	1.4	0.0
26/08/2023 21:00	0.5	52	14	0.9	0.0
26/08/2023 21:10	0.4	45	11	1.1	0.0
26/08/2023 21:20	0.9	22	15	1.2	0.0
26/08/2023 21:30	1.1	30	13	1.6	0.0
26/08/2023 21:40	0.4	51	12	1.0	0.0
26/08/2023 21:50	0.3	23	6	0.8	0.0
26/08/2023 22:00	0.1	17	7	0.7	0.0
26/08/2023 22:10	0.0	24	4	0.6	0.0
26/08/2023 22:20					0.0
26/08/2023 22:30					0.0
26/08/2023 22:40	0.1	347	4	0.8	0.0
26/08/2023 22:50	0.3	16	8	0.8	0.0
26/08/2023 23:00	0.7	20	12	0.9	0.0
26/08/2023 23:10	0.6	13	14	0.8	0.0
26/08/2023 23:20	0.6	19	13	1.0	0.0
26/08/2023 23:30	0.5	17	11	0.8	0.0
26/08/2023 23:40	0.2	181	9	0.7	0.0
26/08/2023 23:50	0.4	14	12	0.9	0.0
27/08/2023 00:00	0.7	16	14	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 00:10	0.6	18	18	1.0	0.0
27/08/2023 00:20	0.6	17	15	1.2	0.0
27/08/2023 00:30	0.3	6	12	0.9	0.0
27/08/2023 00:40	0.5	7	14	1.0	0.0
27/08/2023 00:50	0.8	17	12	1.2	0.0
27/08/2023 01:00	0.9	21	14	1.2	0.0
27/08/2023 01:10	0.7	10	18	1.2	0.0
27/08/2023 01:20	0.9	15	13	1.2	0.0
27/08/2023 01:30	0.9	6	19	1.3	0.0
27/08/2023 01:40	0.8	4	19	1.2	0.0
27/08/2023 01:50	0.7	2	16	1.2	0.0
27/08/2023 02:00	0.8	19	14	1.1	0.0
27/08/2023 02:10	0.9	15	16	1.2	0.0
27/08/2023 02:20	1.0	22	16	1.4	0.0
27/08/2023 02:30	0.9	26	17	1.2	0.0
27/08/2023 02:40	0.7	12	18	1.1	0.0
27/08/2023 02:50	0.9	16	13	1.5	0.0
27/08/2023 03:00	1.0	39	15	1.6	0.0
27/08/2023 03:10	1.0	31	15	1.4	0.0
27/08/2023 03:20	0.8	31	16	1.6	0.0
27/08/2023 03:30	0.7	10	17	1.2	0.0
27/08/2023 03:40	0.7	184	19	1.0	0.0
27/08/2023 03:50	0.9	14	16	1.2	0.0
27/08/2023 04:00	0.7	34	17	1.2	0.0
27/08/2023 04:10	1.1	32	17	1.6	0.0
27/08/2023 04:20	1.2	30	16	1.8	0.0
27/08/2023 04:30	1.0	33	19	1.6	0.0
27/08/2023 04:40	1.0	24	14	1.3	0.0
27/08/2023 04:50	0.5	175	13	1.1	0.0
27/08/2023 05:00	0.7	9	17	1.0	0.0
27/08/2023 05:10	0.8	345	13	1.2	0.0
27/08/2023 05:20	0.6	12	13	0.9	0.0
27/08/2023 05:30	0.7	7	17	1.2	0.0
27/08/2023 05:40	0.9	15	16	1.2	0.0
27/08/2023 05:50	0.8	9	16	1.2	0.0
27/08/2023 06:00	0.9	357	11	1.2	0.0
27/08/2023 06:10	1.0	177	15	1.3	0.0
27/08/2023 06:20	1.0	11	21	1.3	0.0
27/08/2023 06:30	0.9	181	17	1.1	0.0
27/08/2023 06:40	0.7	175	14	1.2	0.0
27/08/2023 06:50	0.9	17	16	1.2	0.0
27/08/2023 07:00	0.9	21	16	1.4	0.0
27/08/2023 07:10	0.9	34	18	1.4	0.0
27/08/2023 07:20	1.1	41	19	1.9	0.0
27/08/2023 07:30	0.9	53	25	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 07:40	1.0	60	23	1.6	0.0
27/08/2023 07:50	0.8	65	22	1.4	0.0
27/08/2023 08:00	0.7	78	24	1.4	0.0
27/08/2023 08:10	1.2	84	20	2.1	0.0
27/08/2023 08:20	1.3	98	25	2.0	0.0
27/08/2023 08:30	1.3	108	30	2.3	0.0
27/08/2023 08:40	1.3	106	33	2.0	0.0
27/08/2023 08:50	1.2	95	30	2.0	0.0
27/08/2023 09:00	1.5	105	34	2.5	0.0
27/08/2023 09:10	1.5	109	34	2.2	0.0
27/08/2023 09:20	1.8	117	36	3.0	0.0
27/08/2023 09:30	1.7	107	34	2.5	0.0
27/08/2023 09:40	2.0	115	32	3.1	0.0
27/08/2023 09:50	1.8	109	31	3.0	0.0
27/08/2023 10:00	1.9	94	30	3.2	0.0
27/08/2023 10:10	2.0	89	25	3.0	0.0
27/08/2023 10:20	2.1	94	31	3.4	0.0
27/08/2023 10:30	2.0	92	28	3.4	0.0
27/08/2023 10:40	2.0	95	28	3.2	0.0
27/08/2023 10:50	1.8	67	34	2.8	0.0
27/08/2023 11:00	2.3	63	23	3.6	0.0
27/08/2023 11:10	2.4	63	23	3.6	0.0
27/08/2023 11:20	2.2	59	31	3.9	0.0
27/08/2023 11:30	2.5	47	24	4.2	0.0
27/08/2023 11:40	2.4	58	22	3.6	0.0
27/08/2023 11:50	2.3	54	25	3.6	0.0
27/08/2023 12:00	2.5	45	21	3.7	0.0
27/08/2023 12:10	2.7	47	22	4.4	0.0
27/08/2023 12:20	2.6	54	21	4.1	0.0
27/08/2023 12:30	2.8	62	24	5.6	0.0
27/08/2023 12:40	3.0	59	23	5.4	0.0
27/08/2023 12:50	2.9	65	27	5.5	0.0
27/08/2023 13:00	3.0	70	24	5.1	0.0
27/08/2023 13:10	3.4	65	25	5.5	0.0
27/08/2023 13:20	3.2	64	23	5.6	0.0
27/08/2023 13:30	3.1	68	23	4.9	0.0
27/08/2023 13:40	3.1	65	23	5.2	0.0
27/08/2023 13:50	3.1	73	27	5.0	0.0
27/08/2023 14:00	2.8	67	25	4.4	0.0
27/08/2023 14:10	3.1	64	23	4.8	0.0
27/08/2023 14:20	2.8	62	25	4.8	0.0
27/08/2023 14:30	3.0	55	21	4.7	0.0
27/08/2023 14:40	3.1	59	24	4.8	0.0
27/08/2023 14:50	2.8	62	24	4.8	0.0
27/08/2023 15:00	2.9	65	21	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 15:10	2.7	64	22	4.2	0.0
27/08/2023 15:20	2.6	68	23	4.6	0.0
27/08/2023 15:30	2.5	64	20	3.9	0.0
27/08/2023 15:40	2.6	56	25	4.2	0.0
27/08/2023 15:50	2.5	57	20	4.1	0.0
27/08/2023 16:00	2.6	52	22	4.1	0.0
27/08/2023 16:10	2.7	52	19	4.4	0.0
27/08/2023 16:20	2.5	56	22	4.2	0.0
27/08/2023 16:30	2.4	54	22	3.9	0.0
27/08/2023 16:40	2.1	58	21	3.5	0.0
27/08/2023 16:50	2.6	50	21	3.9	0.0
27/08/2023 17:00	2.9	45	18	4.0	0.0
27/08/2023 17:10	2.1	43	20	3.1	0.0
27/08/2023 17:20	2.2	41	22	3.6	0.0
27/08/2023 17:30	2.2	49	17	3.4	0.0
27/08/2023 17:40	2.0	49	17	2.9	0.0
27/08/2023 17:50	1.6	39	17	2.4	0.0
27/08/2023 18:00	1.7	30	20	2.7	0.0
27/08/2023 18:10	1.6	34	18	2.5	0.0
27/08/2023 18:20	1.9	34	21	2.9	0.0
27/08/2023 18:30	1.2	32	25	2.3	0.0
27/08/2023 18:40	0.5	15	34	1.2	0.0
27/08/2023 18:50	0.6	340	40	2.0	0.0
27/08/2023 19:00	1.5	193	33	2.5	0.0
27/08/2023 19:10	1.0	19	36	2.0	0.0
27/08/2023 19:20	0.9	72	28	1.9	0.0
27/08/2023 19:30	0.3	257	6	0.8	0.0
27/08/2023 19:40	0.4	229	31	0.9	0.0
27/08/2023 19:50	0.0	190	2	0.5	0.0
27/08/2023 20:00	0.8	338	15	1.2	0.0
27/08/2023 20:10	1.0	340	9	1.2	0.0
27/08/2023 20:20	0.3	352	5	0.9	0.0
27/08/2023 20:30	0.1	10	3	0.6	0.0
27/08/2023 20:40	0.1	176	3	0.5	0.0
27/08/2023 20:50	0.5	175	9	0.9	0.0
27/08/2023 21:00	0.5	175	12	0.9	0.0
27/08/2023 21:10	0.6	23	8	1.0	0.0
27/08/2023 21:20	0.0	18	0	0.6	0.0
27/08/2023 21:30	0.0	156	2	0.4	0.0
27/08/2023 21:40	0.2	7	5	0.7	0.0
27/08/2023 21:50	0.7	27	12	1.1	0.0
27/08/2023 22:00	0.7	26	12	1.0	0.0
27/08/2023 22:10	0.5	125	37	0.9	0.0
27/08/2023 22:20					0.0
27/08/2023 22:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 22:40					0.0
27/08/2023 22:50					0.0
27/08/2023 23:00					0.0
27/08/2023 23:10	0.6	255	7	1.0	0.0
27/08/2023 23:20	0.5	248	5	0.9	0.0
27/08/2023 23:30					0.0
27/08/2023 23:40	0.5	339	6	0.9	0.0
27/08/2023 23:50	0.5	348	13	0.8	0.0
28/08/2023 00:00					0.0
28/08/2023 00:10	0.3	266	18	1.0	0.0
28/08/2023 00:20	0.6	336	12	1.2	0.0
28/08/2023 00:30	0.7	343	12	0.9	0.0
28/08/2023 00:40	0.9	344	11	1.2	0.0
28/08/2023 00:50	0.2	190	17	0.8	0.0
28/08/2023 01:00	0.2	353	7	0.9	0.0
28/08/2023 01:10	0.1	350	2	0.6	0.0
28/08/2023 01:20	0.5	328	8	1.2	0.0
28/08/2023 01:30	0.4	186	8	1.1	0.0
28/08/2023 01:40	0.4	180	12	1.1	0.0
28/08/2023 01:50	0.6	350	13	1.0	0.0
28/08/2023 02:00	0.7	351	10	1.3	0.0
28/08/2023 02:10	0.8	19	12	1.2	0.0
28/08/2023 02:20	0.5	17	16	1.2	0.0
28/08/2023 02:30	0.4	174	19	0.8	0.0
28/08/2023 02:40	0.4	184	17	1.0	0.0
28/08/2023 02:50	0.5	8	17	1.2	0.0
28/08/2023 03:00	0.7	10	15	1.1	0.0
28/08/2023 03:10	0.7	20	15	1.0	0.0
28/08/2023 03:20	0.7	16	14	1.2	0.0
28/08/2023 03:30	0.5	24	12	1.0	0.0
28/08/2023 03:40	0.8	15	15	1.2	0.0
28/08/2023 03:50	0.9	12	15	1.2	0.0
28/08/2023 04:00	1.0	359	18	1.4	0.0
28/08/2023 04:10	0.9	354	17	1.5	0.0
28/08/2023 04:20	0.8	349	12	1.2	0.0
28/08/2023 04:30	0.8	355	16	1.1	0.0
28/08/2023 04:40	0.9	350	13	1.3	0.0
28/08/2023 04:50	0.9	177	16	1.2	0.0
28/08/2023 05:00	0.8	180	13	1.1	0.0
28/08/2023 05:10	0.8	180	17	1.2	0.0
28/08/2023 05:20	0.9	8	15	1.2	0.0
28/08/2023 05:30	1.0	181	17	1.2	0.0
28/08/2023 05:40	1.0	2	16	1.3	0.0
28/08/2023 05:50	0.9	23	17	1.2	0.0
28/08/2023 06:00	0.7	35	18	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 06:10	0.8	19	17	1.2	0.0
28/08/2023 06:20	1.1	11	11	1.3	0.0
28/08/2023 06:30	1.1	9	13	1.4	0.0
28/08/2023 06:40	1.2	9	15	1.4	0.0
28/08/2023 06:50	1.2	11	19	1.6	0.0
28/08/2023 07:00	0.8	16	15	1.2	0.0
28/08/2023 07:10	0.6	5	17	1.0	0.0
28/08/2023 07:20	0.2	25	11	0.8	0.0
28/08/2023 07:30	0.2	90	9	0.6	0.0
28/08/2023 07:40	0.7	95	16	1.4	0.0
28/08/2023 07:50	0.7	105	27	1.4	0.0
28/08/2023 08:00	1.1	103	34	1.7	0.0
28/08/2023 08:10	1.0	99	29	1.6	0.0
28/08/2023 08:20	1.3	73	20	2.4	0.0
28/08/2023 08:30	1.3	78	22	2.0	0.0
28/08/2023 08:40	1.1	95	33	2.0	0.0
28/08/2023 08:50	1.4	109	31	2.6	0.0
28/08/2023 09:00	1.4	96	26	2.4	0.0
28/08/2023 09:10	1.4	107	25	2.2	0.0
28/08/2023 09:20	1.3	118	34	2.0	0.0
28/08/2023 09:30	1.3	111	30	2.0	0.0
28/08/2023 09:40	1.2	89	33	2.3	0.0
28/08/2023 09:50	1.4	89	27	2.1	0.0
28/08/2023 10:00	1.3	118	41	2.2	0.0
28/08/2023 10:10	1.4	113	36	2.7	0.0
28/08/2023 10:20	1.6	100	26	2.7	0.0
28/08/2023 10:30	1.6	86	31	2.4	0.0
28/08/2023 10:40	1.6	81	36	2.6	0.0
28/08/2023 10:50	1.6	49	25	2.6	0.0
28/08/2023 11:00	1.2	51	33	2.2	0.0
28/08/2023 11:10	1.5	72	28	2.4	0.0
28/08/2023 11:20	1.4	94	30	2.5	0.0
28/08/2023 11:30	1.4	82	33	3.1	0.0
28/08/2023 11:40	1.4	64	31	2.4	0.0
28/08/2023 11:50	1.7	75	31	3.5	0.0
28/08/2023 12:00	1.5	64	43	2.6	0.0
28/08/2023 12:10	1.6	54	34	2.7	0.0
28/08/2023 12:20	1.9	51	24	3.0	0.0
28/08/2023 12:30	1.8	76	34	3.0	0.0
28/08/2023 12:40	1.6	71	30	2.8	0.0
28/08/2023 12:50	1.5	67	48	2.8	0.0
28/08/2023 13:00	1.9	58	27	3.2	0.0
28/08/2023 13:10	2.0	60	29	3.1	0.0
28/08/2023 13:20	2.0	53	24	3.2	0.0
28/08/2023 13:30	2.0	55	24	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 13:40	2.1	60	28	3.2	0.0
28/08/2023 13:50	2.0	66	25	3.0	0.0
28/08/2023 14:00	2.0	68	28	3.0	0.0
28/08/2023 14:10	2.0	61	27	3.4	0.0
28/08/2023 14:20	2.2	54	25	3.4	0.0
28/08/2023 14:30	2.1	55	22	3.4	0.0
28/08/2023 14:40	2.0	88	21	3.2	0.0
28/08/2023 14:50	2.3	88	23	3.6	0.0
28/08/2023 15:00	1.9	92	34	3.2	0.0
28/08/2023 15:10	2.1	89	29	3.3	0.0
28/08/2023 15:20	2.2	82	25	3.5	0.0
28/08/2023 15:30	2.2	84	30	3.5	0.0
28/08/2023 15:40	2.2	88	26	3.5	0.0
28/08/2023 15:50	2.0	76	26	3.5	0.0
28/08/2023 16:00	2.4	65	26	3.6	0.0
28/08/2023 16:10	2.2	60	25	3.6	0.0
28/08/2023 16:20	2.1	66	25	3.5	0.0
28/08/2023 16:30	2.0	66	26	3.2	0.0
28/08/2023 16:40	2.0	63	24	3.2	0.0
28/08/2023 16:50	1.7	58	21	2.5	0.0
28/08/2023 17:00	2.0	57	21	3.2	0.0
28/08/2023 17:10	1.8	52	20	2.8	0.0
28/08/2023 17:20	1.8	47	16	2.7	0.0
28/08/2023 17:30	1.6	31	20	2.4	0.0
28/08/2023 17:40	1.4	30	25	2.3	0.0
28/08/2023 17:50	1.5	35	22	2.4	0.0
28/08/2023 18:00	1.7	22	30	2.7	0.0
28/08/2023 18:10	1.5	175	35	2.8	0.0
28/08/2023 18:20	1.9	334	23	3.0	0.0
28/08/2023 18:30	2.2	327	22	3.3	0.0
28/08/2023 18:40	2.0	324	22	3.4	0.0
28/08/2023 18:50	2.3	320	24	4.0	0.0
28/08/2023 19:00	2.3	325	27	3.8	0.0
28/08/2023 19:10	1.9	319	36	3.4	0.0
28/08/2023 19:20	1.5	309	41	2.6	0.0
28/08/2023 19:30	1.3	287	49	2.1	0.0
28/08/2023 19:40	1.9	322	45	2.9	0.0
28/08/2023 19:50	1.8	319	32	3.3	0.0
28/08/2023 20:00	1.5	268	40	2.7	0.0
28/08/2023 20:10	1.5	265	43	2.8	0.0
28/08/2023 20:20	1.4	266	40	2.4	0.0
28/08/2023 20:30	1.5	257	40	2.4	0.0
28/08/2023 20:40	1.9	247	17	2.9	0.0
28/08/2023 20:50	1.6	251	21	2.6	0.0
28/08/2023 21:00	1.3	248	26	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 21:10	1.3	239	26	1.9	0.0
28/08/2023 21:20	1.4	239	27	2.0	0.0
28/08/2023 21:30	0.8	232	32	1.4	0.0
28/08/2023 21:40	0.6	204	19	1.2	0.0
28/08/2023 21:50	0.3	129	29	0.8	0.0
28/08/2023 22:00	0.2	181	24	0.9	0.0
28/08/2023 22:10	0.6	247	19	1.7	0.0
28/08/2023 22:20	0.5	157	13	1.2	0.0
28/08/2023 22:30	1.5	238	10	2.0	0.0
28/08/2023 22:40	1.3	227	12	1.9	0.0
28/08/2023 22:50	1.5	254	9	2.0	0.0
28/08/2023 23:00	1.6	248	9	2.3	0.0
28/08/2023 23:10	1.5	241	16	2.4	0.0
28/08/2023 23:20	1.3	253	14	2.0	0.0
28/08/2023 23:30	1.5	248	13	2.4	0.0
28/08/2023 23:40	1.6	243	14	2.1	0.0
28/08/2023 23:50	1.8	249	15	2.4	0.0
29/08/2023 00:00	2.0	256	15	2.9	0.0
29/08/2023 00:10	1.5	249	18	2.1	0.0
29/08/2023 00:20	1.5	248	15	2.2	0.0
29/08/2023 00:30	1.8	258	13	2.5	0.0
29/08/2023 00:40	1.7	256	16	2.4	0.0
29/08/2023 00:50	1.6	263	13	2.4	0.0
29/08/2023 01:00	2.2	257	14	3.3	0.0
29/08/2023 01:10	2.0	257	16	2.9	0.0
29/08/2023 01:20	2.3	253	13	3.1	0.0
29/08/2023 01:30	2.2	245	16	3.2	0.0
29/08/2023 01:40	1.5	237	15	2.3	0.0
29/08/2023 01:50	1.4	246	18	2.0	0.0
29/08/2023 02:00	1.1	234	16	1.6	0.0
29/08/2023 02:10	1.2	245	12	1.8	0.0
29/08/2023 02:20	0.7	275	30	1.2	0.0
29/08/2023 02:30	0.3	197	21	0.7	0.0
29/08/2023 02:40	0.5	351	9	1.0	0.0
29/08/2023 02:50	1.1	251	18	2.0	0.0
29/08/2023 03:00	0.4	194	49	0.9	0.0
29/08/2023 03:10	0.3	103	19	0.9	0.0
29/08/2023 03:20	0.4	5	10	0.9	0.0
29/08/2023 03:30	0.7	322	43	1.2	0.0
29/08/2023 03:40	0.6	258	39	1.5	0.0
29/08/2023 03:50	1.1	189	39	2.9	0.0
29/08/2023 04:00	0.4	258	20	1.3	0.0
29/08/2023 04:10	1.1	229	18	2.8	0.0
29/08/2023 04:20	0.9	220	19	2.1	0.0
29/08/2023 04:30	1.2	255	23	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 04:40	1.6	216	45	2.9	0.0
29/08/2023 04:50	2.1	194	35	3.6	0.0
29/08/2023 05:00	2.2	187	24	3.7	0.0
29/08/2023 05:10	2.1	170	25	3.4	0.0
29/08/2023 05:20	1.1	133	26	2.1	0.0
29/08/2023 05:30	0.3	55	23	0.8	0.0
29/08/2023 05:40	1.0	9	18	1.5	0.0
29/08/2023 05:50	0.7	46	26	1.3	0.0
29/08/2023 06:00	1.1	161	40	2.4	0.0
29/08/2023 06:10	0.7	196	58	1.5	0.0
29/08/2023 06:20	1.5	165	80	2.6	0.0
29/08/2023 06:30	1.3	221	62	2.8	0.0
29/08/2023 06:40	1.1	92	94	2.0	0.0
29/08/2023 06:50	1.2	52	52	2.3	0.0
29/08/2023 07:00	1.1	40	38	2.6	0.0
29/08/2023 07:10	0.9	202	75	2.0	0.0
29/08/2023 07:20	0.8	179	37	1.6	0.0
29/08/2023 07:30	0.6	53	25	1.3	0.0
29/08/2023 07:40	0.6	124	58	1.3	0.0
29/08/2023 07:50	1.4	231	61	2.7	0.0
29/08/2023 08:00	1.2	118	39	2.0	0.0
29/08/2023 08:10	1.0	108	25	1.6	0.0
29/08/2023 08:20	1.0	92	39	1.9	0.0
29/08/2023 08:30	0.8	59	36	2.0	0.0
29/08/2023 08:40	1.1	92	37	2.2	0.0
29/08/2023 08:50	1.1	120	37	2.1	0.0
29/08/2023 09:00	1.5	145	34	2.5	0.0
29/08/2023 09:10	2.2	162	28	4.1	0.0
29/08/2023 09:20	2.2	160	28	3.6	0.0
29/08/2023 09:30	2.4	156	28	4.0	0.0
29/08/2023 09:40	2.3	168	26	3.7	0.0
29/08/2023 09:50	2.7	171	27	5.1	0.0
29/08/2023 10:00	2.3	165	28	3.5	0.0
29/08/2023 10:10	1.8	131	33	3.0	0.0
29/08/2023 10:20	1.7	117	30	2.9	0.0
29/08/2023 10:30	1.7	128	31	2.6	0.0
29/08/2023 10:40	1.6	129	31	2.4	0.0
29/08/2023 10:50	1.6	134	31	2.4	0.0
29/08/2023 11:00	1.6	140	37	2.4	0.0
29/08/2023 11:10	1.7	140	31	2.6	0.0
29/08/2023 11:20	1.6	149	30	3.0	0.0
29/08/2023 11:30	1.9	122	31	3.5	0.0
29/08/2023 11:40	1.6	123	35	3.2	0.0
29/08/2023 11:50	1.8	104	33	2.8	0.0
29/08/2023 12:00	1.7	107	36	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 12:10	1.9	101	31	3.3	0.0
29/08/2023 12:20	1.4	104	39	2.9	0.0
29/08/2023 12:30	1.9	107	30	3.2	0.0
29/08/2023 12:40	2.0	94	33	3.4	0.0
29/08/2023 12:50	1.9	71	29	3.2	0.0
29/08/2023 13:00	1.9	63	29	3.2	0.0
29/08/2023 13:10	1.7	67	32	2.9	0.0
29/08/2023 13:20	1.8	62	32	3.2	0.0
29/08/2023 13:30	1.9	63	29	3.4	0.0
29/08/2023 13:40	1.9	61	28	3.0	0.0
29/08/2023 13:50	1.6	63	30	3.4	0.0
29/08/2023 14:00	1.7	60	34	2.6	0.0
29/08/2023 14:10	1.7	47	31	2.9	0.0
29/08/2023 14:20	2.1	61	24	3.9	0.0
29/08/2023 14:30	1.7	47	36	2.9	0.0
29/08/2023 14:40	1.5	19	43	2.4	0.0
29/08/2023 14:50	1.4	34	38	2.7	0.0
29/08/2023 15:00	1.9	62	25	2.9	0.0
29/08/2023 15:10	1.7	68	28	2.8	0.0
29/08/2023 15:20	1.7	40	25	2.8	0.0
29/08/2023 15:30	1.4	62	23	2.3	0.0
29/08/2023 15:40	1.4	55	27	2.5	0.0
29/08/2023 15:50	1.5	39	32	2.3	0.0
29/08/2023 16:00	1.3	66	30	2.4	0.0
29/08/2023 16:10	1.3	52	28	2.0	0.0
29/08/2023 16:20	1.1	11	43	2.4	0.0
29/08/2023 16:30	2.1	338	28	3.5	0.0
29/08/2023 16:40	2.9	335	23	4.5	0.0
29/08/2023 16:50	2.8	335	30	5.1	0.0
29/08/2023 17:00	2.9	334	20	4.4	0.0
29/08/2023 17:10	3.0	329	19	4.4	0.0
29/08/2023 17:20	2.6	332	24	4.0	0.0
29/08/2023 17:30	2.2	332	21	3.6	0.0
29/08/2023 17:40	2.1	337	24	3.2	0.0
29/08/2023 17:50	2.3	327	20	3.5	0.0
29/08/2023 18:00	1.9	334	22	3.2	0.0
29/08/2023 18:10	2.0	339	26	3.4	0.0
29/08/2023 18:20	1.9	339	23	3.0	0.0
29/08/2023 18:30	2.2	339	17	3.0	0.0
29/08/2023 18:40	1.8	329	21	2.9	0.0
29/08/2023 18:50	1.7	336	21	2.7	0.0
29/08/2023 19:00	2.5	341	16	3.3	0.0
29/08/2023 19:10	1.7	337	17	2.5	0.0
29/08/2023 19:20	1.3	327	22	2.2	0.0
29/08/2023 19:30	1.3	333	21	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 19:40	1.4	333	21	2.0	0.0
29/08/2023 19:50	1.2	332	21	2.0	0.0
29/08/2023 20:00	0.9	170	44	1.6	0.0
29/08/2023 20:10	0.4	168	12	1.4	0.0
29/08/2023 20:20	1.1	246	19	1.7	0.0
29/08/2023 20:30	0.6	229	36	1.6	0.0
29/08/2023 20:40	0.2	109	43	0.9	0.0
29/08/2023 20:50	1.5	238	17	2.4	0.0
29/08/2023 21:00	1.6	251	16	2.5	0.0
29/08/2023 21:10	1.5	266	23	2.4	0.0
29/08/2023 21:20	1.1	231	25	2.3	0.0
29/08/2023 21:30	1.4	245	19	2.3	0.0
29/08/2023 21:40	1.5	214	20	2.5	0.0
29/08/2023 21:50	2.0	240	15	2.8	0.0
29/08/2023 22:00	2.3	244	18	3.4	0.0
29/08/2023 22:10	1.9	236	23	3.2	0.0
29/08/2023 22:20	1.7	235	17	2.4	0.0
29/08/2023 22:30	2.0	239	16	3.1	0.0
29/08/2023 22:40	2.4	251	17	4.2	0.0
29/08/2023 22:50	2.7	250	16	3.6	0.0
29/08/2023 23:00	2.7	257	13	3.7	0.0
29/08/2023 23:10	3.1	260	12	4.0	0.0
29/08/2023 23:20	3.1	263	13	4.4	0.0
29/08/2023 23:30	3.0	265	16	4.0	0.0
29/08/2023 23:40	3.0	262	14	4.0	0.0
29/08/2023 23:50	2.4	270	19	3.9	0.0
30/08/2023 00:00	2.5	278	17	3.7	0.0
30/08/2023 00:10	2.6	285	16	3.7	0.0
30/08/2023 00:20	2.3	284	19	3.6	0.0
30/08/2023 00:30	1.8	279	19	2.7	0.0
30/08/2023 00:40	1.6	250	27	2.9	0.0
30/08/2023 00:50	2.1	269	15	2.9	0.0
30/08/2023 01:00	2.3	275	14	3.2	0.0
30/08/2023 01:10	2.1	275	14	2.7	0.0
30/08/2023 01:20	1.8	284	18	2.4	0.0
30/08/2023 01:30	1.6	289	20	2.3	0.0
30/08/2023 01:40	1.4	289	20	1.8	0.0
30/08/2023 01:50	1.0	245	22	2.3	0.0
30/08/2023 02:00	0.1	134	7	0.4	0.0
30/08/2023 02:10	0.4	163	10	1.1	0.0
30/08/2023 02:20	1.5	273	15	2.1	0.0
30/08/2023 02:30	1.5	269	19	2.1	0.0
30/08/2023 02:40	0.8	183	31	1.6	0.0
30/08/2023 02:50	0.1	184	19	0.6	0.0
30/08/2023 03:00	0.0	342	1	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 03:10	0.1	16	7	0.5	0.0
30/08/2023 03:20	0.3	319	13	0.8	0.0
30/08/2023 03:30	0.1	265	9	0.6	0.0
30/08/2023 03:40	0.3	284	17	0.8	0.0
30/08/2023 03:50	0.1	42	7	0.7	0.0
30/08/2023 04:00	0.8	173	10	1.4	0.0
30/08/2023 04:10	1.4	333	9	1.8	0.0
30/08/2023 04:20	1.1	345	15	1.6	0.0
30/08/2023 04:30	0.7	341	15	1.3	0.0
30/08/2023 04:40	0.8	349	13	1.2	0.0
30/08/2023 04:50	1.2	337	11	1.8	0.0
30/08/2023 05:00	1.0	349	10	1.5	0.0
30/08/2023 05:10	1.0	352	12	1.4	0.0
30/08/2023 05:20	0.8	352	14	1.2	0.0
30/08/2023 05:30	0.6	340	40	1.2	0.0
30/08/2023 05:40	1.1	350	16	1.5	0.0
30/08/2023 05:50	1.0	354	28	1.6	0.0
30/08/2023 06:00	0.7	232	61	1.5	0.0
30/08/2023 06:10	0.5	181	78	1.3	0.0
30/08/2023 06:20	0.7	131	52	1.2	0.0
30/08/2023 06:30	0.6	139	39	1.0	0.0
30/08/2023 06:40	0.5	82	53	1.2	0.0
30/08/2023 06:50	0.5	91	56	1.4	0.0
30/08/2023 07:00	1.4	195	40	3.1	0.0
30/08/2023 07:10	0.9	125	34	1.4	0.0
30/08/2023 07:20	1.7	168	27	2.8	0.0
30/08/2023 07:30	1.3	153	27	2.1	0.0
30/08/2023 07:40	1.2	158	25	2.0	0.0
30/08/2023 07:50	1.5	168	32	2.8	0.0
30/08/2023 08:00	1.9	155	41	3.1	0.0
30/08/2023 08:10	1.7	161	26	2.7	0.0
30/08/2023 08:20	1.3	141	25	2.2	0.0
30/08/2023 08:30	1.3	190	45	2.2	0.0
30/08/2023 08:40	1.2	117	34	2.2	0.0
30/08/2023 08:50	1.5	89	22	2.3	0.0
30/08/2023 09:00	1.5	92	27	2.4	0.0
30/08/2023 09:10	1.3	93	26	2.2	0.0
30/08/2023 09:20	1.4	93	26	2.1	0.0
30/08/2023 09:30	1.2	128	52	2.4	0.0
30/08/2023 09:40	1.5	130	42	2.7	0.0
30/08/2023 09:50	1.4	101	34	2.8	0.0
30/08/2023 10:00	1.5	144	32	2.4	0.0
30/08/2023 10:10	1.5	125	33	2.3	0.0
30/08/2023 10:20	1.7	125	30	2.7	0.0
30/08/2023 10:30	1.6	135	35	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 10:40	1.6	140	36	2.6	0.0
30/08/2023 10:50	1.5	149	38	2.5	0.0
30/08/2023 11:00	1.8	129	29	2.6	0.0
30/08/2023 11:10	1.7	135	30	3.0	0.0
30/08/2023 11:20	1.5	133	37	2.7	0.0
30/08/2023 11:30	1.9	118	32	2.9	0.0
30/08/2023 11:40	1.9	108	35	3.4	0.0
30/08/2023 11:50	1.9	76	26	3.3	0.0
30/08/2023 12:00	1.8	60	31	2.9	0.0
30/08/2023 12:10	1.8	67	29	3.2	0.0
30/08/2023 12:20	1.7	69	33	3.1	0.0
30/08/2023 12:30	2.2	56	24	3.7	0.0
30/08/2023 12:40	2.2	65	24	3.5	0.0
30/08/2023 12:50	1.8	64	25	2.6	0.0
30/08/2023 13:00	2.0	62	25	3.0	0.0
30/08/2023 13:10	2.4	66	23	3.8	0.0
30/08/2023 13:20	2.3	65	28	3.6	0.0
30/08/2023 13:30	2.4	59	27	3.5	0.0
30/08/2023 13:40	2.1	63	27	3.5	0.0
30/08/2023 13:50	2.3	71	26	3.8	0.0
30/08/2023 14:00	2.5	77	23	3.8	0.0
30/08/2023 14:10	2.3	67	26	4.0	0.0
30/08/2023 14:20	2.3	67	27	3.7	0.0
30/08/2023 14:30	2.4	64	23	3.8	0.0
30/08/2023 14:40	2.4	53	23	4.1	0.0
30/08/2023 14:50	2.7	60	28	4.7	0.0
30/08/2023 15:00	2.4	57	25	4.1	0.0
30/08/2023 15:10	2.5	55	23	4.0	0.0
30/08/2023 15:20	2.6	52	21	4.4	0.0
30/08/2023 15:30	2.9	55	21	4.9	0.0
30/08/2023 15:40	2.9	46	22	4.8	0.0
30/08/2023 15:50	2.0	14	34	3.4	0.0
30/08/2023 16:00	2.0	7	34	3.6	0.0
30/08/2023 16:10	2.1	11	30	3.4	0.0
30/08/2023 16:20	1.9	16	34	3.5	0.0
30/08/2023 16:30	2.0	11	33	3.3	0.0
30/08/2023 16:40	2.2	9	29	3.9	0.0
30/08/2023 16:50	2.0	16	31	3.4	0.0
30/08/2023 17:00	1.7	24	36	2.8	0.0
30/08/2023 17:10	2.0	12	25	3.0	0.0
30/08/2023 17:20	1.6	12	34	3.1	0.0
30/08/2023 17:30	2.1	345	22	3.3	0.0
30/08/2023 17:40	2.1	344	28	3.1	0.0
30/08/2023 17:50	2.0	327	25	3.1	0.0
30/08/2023 18:00	1.5	343	31	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 18:10	1.8	324	29	3.1	0.0
30/08/2023 18:20	2.4	325	21	3.3	0.0
30/08/2023 18:30	2.0	328	26	3.2	0.0
30/08/2023 18:40	1.6	338	32	2.9	0.0
30/08/2023 18:50	1.7	329	27	2.9	0.0
30/08/2023 19:00	1.7	336	25	2.8	0.0
30/08/2023 19:10	1.2	348	36	2.2	0.0
30/08/2023 19:20	0.7	330	56	1.4	0.0
30/08/2023 19:30	1.3	345	33	2.1	0.0
30/08/2023 19:40	0.9	345	32	1.8	0.0
30/08/2023 19:50	0.6	281	32	1.6	0.0
30/08/2023 20:00	0.0	114	9	0.4	0.0
30/08/2023 20:10	0.2	222	10	1.3	0.0
30/08/2023 20:20	1.4	233	23	1.9	0.0
30/08/2023 20:30	1.2	223	13	1.9	0.0
30/08/2023 20:40	1.1	236	11	1.4	0.0
30/08/2023 20:50	0.6	243	9	1.0	0.0
30/08/2023 21:00	1.4	257	9	1.8	0.0
30/08/2023 21:10	1.2	249	11	1.6	0.0
30/08/2023 21:20	1.9	263	12	2.6	0.0
30/08/2023 21:30	1.7	258	12	2.3	0.0
30/08/2023 21:40	1.6	271	19	2.4	0.0
30/08/2023 21:50	1.7	261	12	2.3	0.0
30/08/2023 22:00	1.0	244	22	2.0	0.0
30/08/2023 22:10	0.3	238	22	1.1	0.0
30/08/2023 22:20	0.7	254	13	1.4	0.0
30/08/2023 22:30	0.1	149	41	0.6	0.0
30/08/2023 22:40	0.5	243	11	1.3	0.0
30/08/2023 22:50	1.0	245	17	1.6	0.0
30/08/2023 23:00	0.8	229	13	1.2	0.0
30/08/2023 23:10	1.2	230	10	1.6	0.0
30/08/2023 23:20	1.1	245	9	1.7	0.0
30/08/2023 23:30	1.2	248	10	1.6	0.0
30/08/2023 23:40	1.2	250	10	1.7	0.0
30/08/2023 23:50	1.3	259	16	1.8	0.0
31/08/2023 00:00	1.4	247	10	1.9	0.0
31/08/2023 00:10	1.4	266	17	2.0	0.0
31/08/2023 00:20	1.2	237	19	1.6	0.0
31/08/2023 00:30	0.9	289	18	1.5	0.0
31/08/2023 00:40	1.2	273	18	1.7	0.0
31/08/2023 00:50	1.3	261	15	2.0	0.0
31/08/2023 01:00	1.6	251	14	2.1	0.0
31/08/2023 01:10	1.5	251	16	2.1	0.0
31/08/2023 01:20	1.4	272	17	2.0	0.0
31/08/2023 01:30	0.6	166	31	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 01:40	0.1	317	2	0.7	0.0
31/08/2023 01:50	1.1	342	14	1.6	0.0
31/08/2023 02:00	1.3	338	11	1.6	0.0
31/08/2023 02:10	1.1	346	12	1.6	0.0
31/08/2023 02:20	1.3	335	9	1.6	0.0
31/08/2023 02:30	1.2	341	11	1.5	0.0
31/08/2023 02:40	1.1	344	12	1.5	0.0
31/08/2023 02:50	1.4	340	11	1.6	0.0
31/08/2023 03:00	0.6	337	11	1.4	0.0
31/08/2023 03:10	0.2	178	13	0.7	0.0
31/08/2023 03:20	0.3	193	27	0.9	0.0
31/08/2023 03:30	0.5	183	28	1.2	0.0
31/08/2023 03:40	0.2	39	13	0.8	0.0
31/08/2023 03:50	0.7	182	28	1.4	0.0
31/08/2023 04:00	0.9	186	20	1.5	0.0
31/08/2023 04:10	0.7	350	20	1.3	0.0
31/08/2023 04:20	0.9	180	22	1.5	0.0
31/08/2023 04:30	0.8	7	18	1.3	0.0
31/08/2023 04:40	0.7	178	63	1.7	0.0
31/08/2023 04:50	1.1	149	43	2.1	0.0
31/08/2023 05:00	0.2	84	20	0.9	0.0
31/08/2023 05:10	1.1	133	34	2.4	0.0
31/08/2023 05:20	0.7	18	54	1.3	0.0
31/08/2023 05:30	0.8	345	38	1.5	0.0
31/08/2023 05:40	0.8	312	52	1.5	0.0
31/08/2023 05:50	1.9	211	32	3.2	0.0
31/08/2023 06:00	1.0	122	45	2.4	0.0
31/08/2023 06:10	0.9	28	38	1.3	0.0
31/08/2023 06:20	0.6	107	56	1.2	0.0
31/08/2023 06:30	1.6	157	31	2.8	0.0
31/08/2023 06:40	1.2	120	48	2.4	0.0
31/08/2023 06:50	0.2	188	20	0.7	0.0
31/08/2023 07:00	0.1	46	9	0.8	0.0
31/08/2023 07:10	0.6	22	23	1.4	0.0
31/08/2023 07:20	1.1	53	20	1.7	0.0
31/08/2023 07:30	1.0	68	20	1.7	0.0
31/08/2023 07:40	0.8	91	26	1.6	0.0
31/08/2023 07:50	0.9	99	28	1.5	0.0
31/08/2023 08:00	0.9	106	33	1.6	0.0
31/08/2023 08:10	1.1	119	25	1.9	0.0
31/08/2023 08:20	1.1	129	26	1.7	0.0
31/08/2023 08:30	0.9	99	28	1.4	0.0
31/08/2023 08:40	0.9	111	48	1.4	0.0
31/08/2023 08:50	1.1	118	27	2.0	0.0
31/08/2023 09:00	1.0	126	45	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 09:10	1.1	105	39	1.9	0.0
31/08/2023 09:20	1.5	114	34	2.6	0.0
31/08/2023 09:30	1.5	123	38	2.8	0.0
31/08/2023 09:40	1.5	116	30	2.4	0.0
31/08/2023 09:50	1.3	116	31	2.4	0.0
31/08/2023 10:00	1.6	122	33	2.8	0.0
31/08/2023 10:10	1.7	129	28	2.7	0.0
31/08/2023 10:20	1.7	139	31	2.8	0.0
31/08/2023 10:30	2.1	112	27	3.4	0.0
31/08/2023 10:40	2.0	94	33	3.2	0.0
31/08/2023 10:50	1.8	100	31	3.3	0.0
31/08/2023 11:00	1.8	115	32	3.2	0.0
31/08/2023 11:10	1.6	67	31	2.8	0.0
31/08/2023 11:20	1.7	97	39	3.0	0.0
31/08/2023 11:30	2.0	93	29	3.2	0.0
31/08/2023 11:40	2.0	93	36	3.6	0.0
31/08/2023 11:50	1.9	70	24	3.0	0.0
31/08/2023 12:00	2.2	71	21	3.3	0.0
31/08/2023 12:10	2.8	63	20	4.4	0.0
31/08/2023 12:20	2.8	60	26	5.4	0.0
31/08/2023 12:30	3.1	55	26	5.0	0.0
31/08/2023 12:40	3.3	62	26	4.8	0.0
31/08/2023 12:50	3.1	63	23	4.9	0.0
31/08/2023 13:00	3.5	65	25	5.7	0.0
31/08/2023 13:10	3.2	58	22	5.3	0.0
31/08/2023 13:20	3.3	62	21	5.2	0.0
31/08/2023 13:30	3.7	66	22	6.2	0.0
31/08/2023 13:40	3.8	61	22	6.0	0.0
31/08/2023 13:50	3.5	68	23	5.7	0.0
31/08/2023 14:00	3.5	70	23	5.1	0.0
31/08/2023 14:10	3.5	68	21	5.3	0.0
31/08/2023 14:20	3.3	65	25	5.3	0.0
31/08/2023 14:30	3.7	60	21	6.0	0.0
31/08/2023 14:40	3.5	65	22	5.5	0.0
31/08/2023 14:50	3.5	60	22	6.4	0.0
31/08/2023 15:00	3.4	61	22	5.8	0.0
31/08/2023 15:10	3.1	57	22	5.2	0.0
31/08/2023 15:20	3.3	61	22	5.2	0.0
31/08/2023 15:30	3.3	61	20	5.2	0.0
31/08/2023 15:40	3.0	58	24	4.8	0.0
31/08/2023 15:50	3.0	59	21	5.3	0.0
31/08/2023 16:00	2.8	58	22	4.4	0.0
31/08/2023 16:10	2.9	60	23	5.2	0.0
31/08/2023 16:20	2.6	61	23	3.9	0.0
31/08/2023 16:30	2.9	59	22	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 16:40	2.5	55	22	4.0	0.0
31/08/2023 16:50	2.3	60	22	3.6	0.0
31/08/2023 17:00	2.5	54	20	3.6	0.0
31/08/2023 17:10	1.9	55	19	3.2	0.0
31/08/2023 17:20	1.7	50	20	2.8	0.0
31/08/2023 17:30	2.2	25	26	4.0	0.0
31/08/2023 17:40	2.2	22	31	3.7	0.0
31/08/2023 17:50	2.3	181	23	3.7	0.0
31/08/2023 18:00	2.3	175	22	3.6	0.0
31/08/2023 18:10	2.2	351	23	3.2	0.0
31/08/2023 18:20	2.4	339	17	3.4	0.0
31/08/2023 18:30	1.9	352	31	3.5	0.0
31/08/2023 18:40	1.1	21	56	2.4	0.0
31/08/2023 18:50	1.2	36	49	2.2	0.0
31/08/2023 19:00	0.7	70	53	1.6	0.0
31/08/2023 19:10	0.6	273	18	1.2	0.0
31/08/2023 19:20	0.8	170	34	1.2	0.0
31/08/2023 19:30	0.5	39	26	1.1	0.0
31/08/2023 19:40	1.0	51	20	1.6	0.0
31/08/2023 19:50	0.9	47	19	1.5	0.0
31/08/2023 20:00	1.0	38	9	1.2	0.0
31/08/2023 20:10	0.7	58	28	1.2	0.0
31/08/2023 20:20	0.6	251	15	1.0	0.0
31/08/2023 20:30	0.3	306	12	1.1	0.0
31/08/2023 20:40	0.4	25	25	1.0	0.0
31/08/2023 20:50	0.3	335	5	0.8	0.0
31/08/2023 21:00	0.8	283	34	1.3	0.0
31/08/2023 21:10	0.9	258	12	1.3	0.0
31/08/2023 21:20	1.1	262	36	2.5	0.0
31/08/2023 21:30	2.1	267	18	3.2	0.0
31/08/2023 21:40	1.2	264	17	1.6	0.0
31/08/2023 21:50	1.4	267	24	2.0	0.0
31/08/2023 22:00	1.6	268	18	2.5	0.0
31/08/2023 22:10	1.6	265	15	2.3	0.0
31/08/2023 22:20	1.5	283	18	2.0	0.0
31/08/2023 22:30	1.4	247	11	2.0	0.0
31/08/2023 22:40	1.4	258	14	1.8	0.0
31/08/2023 22:50	1.9	263	12	2.5	0.0
31/08/2023 23:00	2.0	260	13	2.8	0.0
31/08/2023 23:10	1.8	251	13	2.5	0.0
31/08/2023 23:20	2.2	250	16	2.8	0.0
31/08/2023 23:30	1.9	252	14	2.7	0.0
31/08/2023 23:40	1.7	253	13	2.3	0.0
31/08/2023 23:50	1.7	258	14	2.4	0.0
01/09/2023 00:00	1.9	258	12	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 00:10	1.7	259	16	2.4	0.0
01/09/2023 00:20	1.8	254	15	2.5	0.0
01/09/2023 00:30	1.9	263	14	2.7	0.0
01/09/2023 00:40	2.1	264	16	2.8	0.0
01/09/2023 00:50	2.3	264	13	3.2	0.0
01/09/2023 01:00	2.2	261	14	3.1	0.0
01/09/2023 01:10	2.2	262	15	3.0	0.0
01/09/2023 01:20	2.0	262	16	2.7	0.0
01/09/2023 01:30	1.2	211	42	2.1	0.0
01/09/2023 01:40	0.4	221	31	0.8	0.0
01/09/2023 01:50	0.6	181	27	1.0	0.0
01/09/2023 02:00	1.0	257	17	1.3	0.0
01/09/2023 02:10	0.4	259	7	0.8	0.0
01/09/2023 02:20	0.4	204	13	1.0	0.0
01/09/2023 02:30	1.0	350	11	1.4	0.0
01/09/2023 02:40	0.2	338	5	1.1	0.0
01/09/2023 02:50	0.8	5	17	1.2	0.0
01/09/2023 03:00	1.0	356	14	1.3	0.0
01/09/2023 03:10	0.8	360	18	1.2	0.0
01/09/2023 03:20	0.7	137	47	1.4	0.0
01/09/2023 03:30	1.3	181	40	2.4	0.0
01/09/2023 03:40	0.8	206	39	1.9	0.0
01/09/2023 03:50	0.7	238	30	1.6	0.0
01/09/2023 04:00	0.6	191	36	1.5	0.0
01/09/2023 04:10	1.1	202	34	3.4	0.0
01/09/2023 04:20	1.0	194	41	2.4	0.0
01/09/2023 04:30	0.5	189	44	1.7	0.0
01/09/2023 04:40	1.7	204	34	2.9	0.0
01/09/2023 04:50	1.8	176	31	2.6	0.0
01/09/2023 05:00	1.4	201	21	2.3	0.0
01/09/2023 05:10	1.6	200	33	3.5	0.0
01/09/2023 05:20	1.6	202	43	3.0	0.0
01/09/2023 05:30	1.2	204	45	2.4	0.0
01/09/2023 05:40	0.9	181	59	1.9	0.0
01/09/2023 05:50	1.1	232	40	2.3	0.0
01/09/2023 06:00	0.8	179	72	1.6	0.0
01/09/2023 06:10	1.2	174	63	2.4	0.0
01/09/2023 06:20	1.7	224	42	3.5	0.0
01/09/2023 06:30	1.7	187	37	2.8	0.0
01/09/2023 06:40	1.5	180	25	2.5	0.0
01/09/2023 06:50	1.4	176	28	3.2	0.0
01/09/2023 07:00	0.9	183	33	1.7	0.0
01/09/2023 07:10	0.6	68	31	1.2	0.0
01/09/2023 07:20	0.9	50	25	1.6	0.0
01/09/2023 07:30	1.0	73	23	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 07:40	0.9	104	22	1.7	0.0
01/09/2023 07:50	0.8	109	28	1.4	0.0
01/09/2023 08:00	0.9	103	29	1.8	0.0
01/09/2023 08:10	1.1	113	30	2.0	0.0
01/09/2023 08:20	1.3	94	22	2.0	0.0
01/09/2023 08:30	1.4	95	27	2.0	0.0
01/09/2023 08:40	1.3	108	28	2.4	0.0
01/09/2023 08:50	1.3	117	34	2.3	0.0
01/09/2023 09:00	1.1	101	31	1.9	0.0
01/09/2023 09:10	1.4	112	33	2.4	0.0
01/09/2023 09:20	1.7	105	26	3.0	0.0
01/09/2023 09:30	1.7	109	26	2.8	0.0
01/09/2023 09:40	1.4	119	28	2.3	0.0
01/09/2023 09:50	1.6	112	32	2.4	0.0
01/09/2023 10:00	1.5	90	27	2.4	0.0
01/09/2023 10:10	1.9	81	29	3.3	0.0
01/09/2023 10:20	2.3	53	25	4.0	0.0
01/09/2023 10:30	2.4	59	22	3.7	0.0
01/09/2023 10:40	2.2	56	23	3.7	0.0
01/09/2023 10:50	2.6	64	25	3.8	0.0
01/09/2023 11:00	2.4	60	27	3.8	0.0
01/09/2023 11:10	2.4	59	23	3.9	0.0
01/09/2023 11:20	2.7	53	25	4.4	0.0
01/09/2023 11:30	2.9	48	24	4.5	0.0
01/09/2023 11:40	3.1	56	27	5.0	0.0
01/09/2023 11:50	3.3	52	22	5.6	0.0
01/09/2023 12:00	3.5	52	20	6.0	0.0
01/09/2023 12:10	4.2	50	19	6.3	0.0
01/09/2023 12:20	4.2	55	19	6.8	0.0
01/09/2023 12:30	3.7	47	23	5.4	0.0
01/09/2023 12:40	4.1	45	17	6.8	0.0
01/09/2023 12:50	3.8	52	22	6.5	0.0
01/09/2023 13:00	3.7	56	24	5.5	0.0
01/09/2023 13:10	3.6	55	20	5.7	0.0
01/09/2023 13:20	3.4	55	22	5.5	0.0
01/09/2023 13:30	3.8	59	22	6.0	0.0
01/09/2023 13:40	3.4	62	21	5.7	0.0
01/09/2023 13:50	3.5	64	24	5.2	0.0
01/09/2023 14:00	3.5	58	20	5.2	0.0
01/09/2023 14:10	3.2	63	25	5.1	0.0
01/09/2023 14:20	3.2	62	21	4.6	0.0
01/09/2023 14:30	3.1	66	22	5.2	0.0
01/09/2023 14:40	4.0	54	20	5.9	0.0
01/09/2023 14:50	4.1	50	21	6.4	0.0
01/09/2023 15:00	3.8	52	23	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 15:10	3.3	50	21	5.5	0.0
01/09/2023 15:20	2.6	57	24	4.4	0.0
01/09/2023 15:30	3.0	56	21	5.0	0.0
01/09/2023 15:40	2.6	65	20	4.1	0.0
01/09/2023 15:50	2.7	57	22	4.2	0.0
01/09/2023 16:00	2.6	66	21	4.0	0.0
01/09/2023 16:10	2.2	59	25	3.3	0.0
01/09/2023 16:20	2.1	48	22	4.0	0.0
01/09/2023 16:30	2.3	49	24	4.4	0.0
01/09/2023 16:40	2.1	48	24	3.2	0.0
01/09/2023 16:50	2.0	47	22	3.6	0.0
01/09/2023 17:00	1.9	46	25	2.8	0.0
01/09/2023 17:10	1.8	57	19	2.7	0.0
01/09/2023 17:20	1.8	50	18	2.9	0.0
01/09/2023 17:30	1.5	52	20	2.4	0.0
01/09/2023 17:40	1.4	49	16	2.2	0.0
01/09/2023 17:50	1.4	52	14	2.0	0.0
01/09/2023 18:00	1.2	43	20	2.0	0.0
01/09/2023 18:10	1.5	39	19	2.8	0.0
01/09/2023 18:20	1.4	36	20	2.5	0.0
01/09/2023 18:30	1.0	38	31	1.8	0.0
01/09/2023 18:40	1.1	289	27	2.0	0.0
01/09/2023 18:50	1.3	333	32	2.3	0.0
01/09/2023 19:00	1.7	294	28	2.9	0.0
01/09/2023 19:10	1.9	255	21	2.8	0.0
01/09/2023 19:20	2.1	256	16	3.0	0.0
01/09/2023 19:30	2.5	258	15	3.6	0.0
01/09/2023 19:40	2.4	256	13	3.0	0.0
01/09/2023 19:50	2.3	250	13	3.5	0.0
01/09/2023 20:00	2.4	249	13	3.2	0.0
01/09/2023 20:10	2.9	251	13	4.1	0.0
01/09/2023 20:20	2.6	258	14	3.8	0.0
01/09/2023 20:30	2.8	254	13	3.8	0.0
01/09/2023 20:40	2.9	253	12	3.9	0.0
01/09/2023 20:50	2.9	249	9	3.7	0.0
01/09/2023 21:00	2.9	254	12	4.2	0.0
01/09/2023 21:10	2.6	252	15	3.6	0.0
01/09/2023 21:20	2.7	256	14	3.6	0.0
01/09/2023 21:30	2.5	253	11	3.6	0.0
01/09/2023 21:40	2.2	254	13	3.2	0.0
01/09/2023 21:50	2.5	255	13	3.4	0.0
01/09/2023 22:00	2.5	257	11	3.6	0.0
01/09/2023 22:10	2.4	257	14	3.5	0.0
01/09/2023 22:20	2.7	255	14	3.6	0.0
01/09/2023 22:30	2.8	258	13	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/09/2023 22:40	2.3	255	12	3.1	0.0
01/09/2023 22:50	2.4	257	11	3.0	0.0
01/09/2023 23:00	2.8	255	11	3.6	0.0
01/09/2023 23:10	2.1	262	13	2.9	0.0
01/09/2023 23:20	1.5	268	16	2.3	0.0
01/09/2023 23:30	1.3	276	14	1.8	0.0
01/09/2023 23:40	1.4	279	16	2.2	0.0
01/09/2023 23:50	1.0	281	18	1.4	0.0
02/09/2023 00:00	0.8	305	20	1.6	0.0
02/09/2023 00:10	1.2	275	15	1.9	0.0
02/09/2023 00:20	1.5	261	16	2.0	0.0
02/09/2023 00:30	1.4	271	16	2.1	0.0
02/09/2023 00:40	1.4	273	18	2.1	0.0
02/09/2023 00:50	1.4	283	14	2.0	0.0
02/09/2023 01:00	1.6	275	16	2.2	0.0
02/09/2023 01:10	1.6	277	13	2.1	0.0
02/09/2023 01:20	1.6	281	14	2.2	0.0
02/09/2023 01:30	1.5	274	16	2.4	0.0
02/09/2023 01:40	1.8	264	16	2.6	0.0
02/09/2023 01:50	2.0	258	13	2.8	0.0
02/09/2023 02:00	1.9	257	13	2.7	0.0
02/09/2023 02:10	2.1	261	12	3.0	0.0
02/09/2023 02:20	2.0	261	15	2.8	0.0
02/09/2023 02:30	2.4	259	12	3.5	0.0
02/09/2023 02:40	2.4	259	14	3.5	0.0
02/09/2023 02:50	2.5	260	14	3.4	0.0
02/09/2023 03:00	2.6	260	12	3.4	0.0
02/09/2023 03:10	2.6	258	14	3.6	0.0
02/09/2023 03:20	2.5	258	14	3.7	0.0
02/09/2023 03:30	2.3	258	15	3.5	0.0
02/09/2023 03:40	2.4	255	15	3.5	0.0
02/09/2023 03:50	2.4	261	20	3.6	0.0
02/09/2023 04:00	2.6	261	15	3.7	0.0
02/09/2023 04:10	2.3	262	15	3.6	0.0
02/09/2023 04:20	2.6	263	15	3.8	0.0
02/09/2023 04:30	2.5	267	15	3.6	0.0
02/09/2023 04:40	2.6	270	16	3.7	0.0
02/09/2023 04:50	2.4	263	14	3.4	0.0
02/09/2023 05:00	2.4	265	15	3.2	0.0
02/09/2023 05:10	2.4	267	18	3.4	0.0
02/09/2023 05:20	2.1	257	15	3.2	0.0
02/09/2023 05:30	2.0	257	16	2.9	0.0
02/09/2023 05:40	2.2	259	16	3.3	0.0
02/09/2023 05:50	2.7	265	14	3.9	0.0
02/09/2023 06:00	2.7	262	15	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 06:10	3.1	254	18	4.4	0.0
02/09/2023 06:20	3.2	251	14	4.7	0.0
02/09/2023 06:30	2.9	259	17	4.0	0.0
02/09/2023 06:40	2.6	271	18	4.0	0.0
02/09/2023 06:50	2.5	259	19	3.9	0.0
02/09/2023 07:00	2.6	267	17	3.9	0.0
02/09/2023 07:10	2.1	269	17	3.4	0.0
02/09/2023 07:20	1.9	258	22	3.2	0.0
02/09/2023 07:30	2.1	264	21	3.2	0.0
02/09/2023 07:40	1.8	271	29	3.0	0.0
02/09/2023 07:50	1.3	247	27	2.0	0.0
02/09/2023 08:00	1.4	265	32	2.4	0.0
02/09/2023 08:10	1.7	239	35	2.7	0.0
02/09/2023 08:20	1.7	251	35	2.8	0.0
02/09/2023 08:30	2.3	212	27	3.6	0.0
02/09/2023 08:40	2.9	208	18	4.3	0.0
02/09/2023 08:50	3.0	209	18	4.2	0.0
02/09/2023 09:00	3.0	208	17	4.4	0.0
02/09/2023 09:10	2.6	191	26	3.6	0.0
02/09/2023 09:20	2.9	193	23	4.1	0.0
02/09/2023 09:30	2.9	189	18	4.0	0.0
02/09/2023 09:40	2.4	196	21	3.9	0.0
02/09/2023 09:50	2.4	192	23	3.6	0.0
02/09/2023 10:00	2.3	197	23	3.5	0.0
02/09/2023 10:10	2.4	199	19	3.6	0.0
02/09/2023 10:20	2.1	183	20	3.3	0.0
02/09/2023 10:30	2.5	195	23	3.7	0.0
02/09/2023 10:40	2.5	194	23	4.0	0.0
02/09/2023 10:50	2.0	184	31	3.3	0.0
02/09/2023 11:00	2.3	206	34	4.7	0.0
02/09/2023 11:10	2.6	191	27	5.7	0.0
02/09/2023 11:20	2.3	205	39	4.0	0.0
02/09/2023 11:30	2.0	175	43	3.1	0.0
02/09/2023 11:40	1.9	192	47	4.0	0.0
02/09/2023 11:50	1.7	211	46	3.6	0.0
02/09/2023 12:00	2.3	267	31	4.0	0.0
02/09/2023 12:10	2.0	296	40	3.2	0.0
02/09/2023 12:20	1.8	307	40	3.4	0.0
02/09/2023 12:30	3.1	335	26	4.8	0.0
02/09/2023 12:40	2.6	331	28	4.1	0.0
02/09/2023 12:50	2.8	327	20	4.2	0.0
02/09/2023 13:00	2.9	338	26	4.4	0.0
02/09/2023 13:10	2.6	334	33	4.3	0.0
02/09/2023 13:20	3.2	333	33	5.2	0.0
02/09/2023 13:30	2.9	332	41	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 13:40	2.7	307	31	4.8	0.0
02/09/2023 13:50	3.0	317	36	5.2	0.0
02/09/2023 14:00	3.0	273	42	5.6	0.0
02/09/2023 14:10	2.6	294	39	4.6	0.0
02/09/2023 14:20	2.7	307	32	4.5	0.0
02/09/2023 14:30	2.7	321	36	5.6	0.0
02/09/2023 14:40	2.2	299	36	4.0	0.0
02/09/2023 14:50	2.9	321	32	4.5	0.0
02/09/2023 15:00	2.5	270	44	4.4	0.0
02/09/2023 15:10	3.0	271	42	4.9	0.0
02/09/2023 15:20	3.3	267	35	5.3	0.0
02/09/2023 15:30	2.7	275	40	4.8	0.0
02/09/2023 15:40	3.5	257	21	5.9	0.0
02/09/2023 15:50	3.8	250	18	6.6	0.0
02/09/2023 16:00	4.2	252	19	6.8	0.0
02/09/2023 16:10	4.3	251	18	6.4	0.0
02/09/2023 16:20	4.3	251	19	7.1	0.0
02/09/2023 16:30	3.9	250	20	5.6	0.0
02/09/2023 16:40	4.3	250	18	6.5	0.0
02/09/2023 16:50	4.5	245	19	6.6	0.0
02/09/2023 17:00	4.2	249	17	7.0	0.0
02/09/2023 17:10	4.2	250	18	6.0	0.0
02/09/2023 17:20	4.4	250	15	6.1	0.0
02/09/2023 17:30	4.4	250	15	6.6	0.0
02/09/2023 17:40	4.5	262	19	6.5	0.0
02/09/2023 17:50	4.2	257	17	6.6	0.0
02/09/2023 18:00	5.0	251	15	7.1	0.0
02/09/2023 18:10	4.5	257	17	6.9	0.0
02/09/2023 18:20	4.5	253	19	6.9	0.0
02/09/2023 18:30	5.0	254	18	8.2	0.0
02/09/2023 18:40	4.7	256	20	7.5	0.0
02/09/2023 18:50	4.2	258	21	6.0	0.0
02/09/2023 19:00	4.3	252	20	7.0	0.0
02/09/2023 19:10	4.8	251	18	7.4	0.0
02/09/2023 19:20	4.5	250	17	6.6	0.0
02/09/2023 19:30	4.2	249	19	6.4	0.0
02/09/2023 19:40	4.7	247	17	7.2	0.0
02/09/2023 19:50	4.5	248	17	7.0	0.0
02/09/2023 20:00	4.6	246	18	7.3	0.0
02/09/2023 20:10	4.6	250	20	6.8	0.0
02/09/2023 20:20	4.4	245	21	7.1	0.0
02/09/2023 20:30	4.3	253	15	6.6	0.0
02/09/2023 20:40	4.1	250	19	6.6	0.0
02/09/2023 20:50	3.7	244	19	5.6	0.0
02/09/2023 21:00	4.0	245	20	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/09/2023 21:10	4.1	241	19	6.9	0.0
02/09/2023 21:20	4.6	244	20	7.0	0.0
02/09/2023 21:30	4.5	238	19	7.3	0.0
02/09/2023 21:40	4.3	244	19	6.4	0.0
02/09/2023 21:50	3.8	240	16	5.4	0.0
02/09/2023 22:00	3.8	242	18	6.3	0.0
02/09/2023 22:10	4.2	237	17	6.4	0.0
02/09/2023 22:20	3.6	241	17	5.7	0.0
02/09/2023 22:30	4.2	241	19	7.1	0.0
02/09/2023 22:40	3.7	239	16	6.3	0.0
02/09/2023 22:50	4.1	234	16	6.4	0.0
02/09/2023 23:00	4.2	237	17	6.3	0.0
02/09/2023 23:10	3.9	241	17	5.8	0.0
02/09/2023 23:20	3.9	237	18	5.4	0.0
02/09/2023 23:30	3.5	240	19	5.7	0.0
02/09/2023 23:40	4.1	240	18	6.6	0.0
02/09/2023 23:50	4.1	237	18	6.0	0.0
03/09/2023 00:00	4.7	235	18	6.6	0.0
03/09/2023 00:10	4.3	237	16	6.5	0.0
03/09/2023 00:20	4.4	236	19	6.8	0.0
03/09/2023 00:30	4.9	234	19	7.4	0.0
03/09/2023 00:40	4.9	240	19	8.5	0.0
03/09/2023 00:50	5.0	237	19	7.9	0.0
03/09/2023 01:00	4.6	239	20	7.0	0.0
03/09/2023 01:10	4.3	246	21	6.8	0.0
03/09/2023 01:20	3.9	241	23	6.1	0.0
03/09/2023 01:30	4.2	239	18	6.5	0.0
03/09/2023 01:40	3.7	237	17	5.8	0.0
03/09/2023 01:50	4.4	237	15	6.8	0.0
03/09/2023 02:00	3.5	238	16	5.7	0.0
03/09/2023 02:10	3.7	237	18	5.6	0.0
03/09/2023 02:20	3.5	238	16	5.3	0.0
03/09/2023 02:30	3.7	238	16	5.3	0.0
03/09/2023 02:40	3.4	239	17	5.0	0.0
03/09/2023 02:50	3.4	240	17	5.0	0.0
03/09/2023 03:00	3.4	240	20	5.7	0.0
03/09/2023 03:10	3.3	241	18	5.4	0.0
03/09/2023 03:20	2.9	241	18	4.6	0.0
03/09/2023 03:30	3.3	239	18	5.5	0.0
03/09/2023 03:40	2.9	246	19	4.5	0.0
03/09/2023 03:50	3.2	241	21	4.8	0.0
03/09/2023 04:00	3.0	239	19	4.5	0.0
03/09/2023 04:10	3.0	242	20	4.8	0.0
03/09/2023 04:20	2.4	243	16	4.3	0.0
03/09/2023 04:30	2.8	241	19	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 04:40	2.7	248	19	4.5	0.0
03/09/2023 04:50	2.6	251	16	4.2	0.0
03/09/2023 05:00	2.3	254	15	3.2	0.0
03/09/2023 05:10	2.2	253	17	3.4	0.0
03/09/2023 05:20	2.4	250	17	3.8	0.0
03/09/2023 05:30	2.6	252	15	4.0	0.0
03/09/2023 05:40	2.5	258	16	3.3	0.0
03/09/2023 05:50	2.6	259	17	3.9	0.0
03/09/2023 06:00	2.7	258	16	3.9	0.0
03/09/2023 06:10	2.7	246	18	4.5	0.0
03/09/2023 06:20	3.3	242	18	5.3	0.0
03/09/2023 06:30	3.5	239	19	5.8	0.0
03/09/2023 06:40	3.5	244	17	5.2	0.0
03/09/2023 06:50	3.7	242	16	6.0	0.0
03/09/2023 07:00	3.8	239	17	5.2	0.0
03/09/2023 07:10	3.4	234	20	4.7	0.0
03/09/2023 07:20	3.7	230	20	5.9	0.0
03/09/2023 07:30	3.9	229	17	6.4	0.0
03/09/2023 07:40	4.0	227	19	6.7	0.0
03/09/2023 07:50	4.6	222	19	7.1	0.0
03/09/2023 08:00	4.8	221	17	8.0	0.0
03/09/2023 08:10	5.0	215	16	7.2	0.0
03/09/2023 08:20	5.1	216	17	8.2	0.0
03/09/2023 08:30	4.6	214	23	7.3	0.0
03/09/2023 08:40	5.0	203	17	7.5	0.0
03/09/2023 08:50	5.8	211	16	7.9	0.0
03/09/2023 09:00	4.9	207	18	7.5	0.0
03/09/2023 09:10	5.6	214	18	7.9	0.0
03/09/2023 09:20	5.2	208	18	7.2	0.0
03/09/2023 09:30	5.4	210	19	7.3	0.0
03/09/2023 09:40	5.6	210	16	7.6	0.0
03/09/2023 09:50	5.4	216	18	8.3	0.0
03/09/2023 10:00	5.5	210	18	7.7	0.0
03/09/2023 10:10	5.1	212	18	7.4	0.0
03/09/2023 10:20	4.5	215	21	7.0	0.0
03/09/2023 10:30	5.3	219	18	8.6	0.0
03/09/2023 10:40	5.0	212	20	7.5	0.0
03/09/2023 10:50	4.9	215	23	7.4	0.0
03/09/2023 11:00	4.2	208	23	7.4	0.0
03/09/2023 11:10	4.5	214	20	7.3	0.0
03/09/2023 11:20	3.9	219	26	6.0	0.0
03/09/2023 11:30	4.1	226	27	6.0	0.0
03/09/2023 11:40	4.3	226	27	6.2	0.0
03/09/2023 11:50	4.5	227	22	6.9	0.0
03/09/2023 12:00	4.0	229	21	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 12:10	3.8	225	28	6.0	0.0
03/09/2023 12:20	3.6	234	34	6.0	0.0
03/09/2023 12:30	3.6	227	25	5.5	0.0
03/09/2023 12:40	4.1	224	24	6.4	0.0
03/09/2023 12:50	3.6	250	23	5.8	0.0
03/09/2023 13:00	3.6	253	22	5.5	0.0
03/09/2023 13:10	3.5	262	23	5.6	0.0
03/09/2023 13:20	3.5	251	23	5.1	0.0
03/09/2023 13:30	3.7	257	20	5.8	0.0
03/09/2023 13:40	3.4	263	24	5.1	0.0
03/09/2023 13:50	3.9	257	22	5.6	0.0
03/09/2023 14:00	3.9	260	19	6.4	0.0
03/09/2023 14:10	4.0	255	19	5.8	0.0
03/09/2023 14:20	4.1	257	19	6.0	0.0
03/09/2023 14:30	3.8	258	17	5.8	0.0
03/09/2023 14:40	4.1	255	20	6.5	0.0
03/09/2023 14:50	4.3	256	18	6.4	0.0
03/09/2023 15:00	5.0	247	19	6.9	0.0
03/09/2023 15:10	4.7	255	18	6.8	0.0
03/09/2023 15:20	4.7	253	20	7.1	0.0
03/09/2023 15:30	5.3	249	17	7.4	0.0
03/09/2023 15:40	5.4	248	16	7.7	0.0
03/09/2023 15:50	5.1	250	17	7.9	0.0
03/09/2023 16:00	5.2	248	17	7.6	0.0
03/09/2023 16:10	4.7	254	23	7.0	0.0
03/09/2023 16:20	4.6	251	18	6.9	0.0
03/09/2023 16:30	4.3	258	21	6.4	0.0
03/09/2023 16:40	4.2	256	21	6.0	0.0
03/09/2023 16:50	4.6	254	18	7.2	0.0
03/09/2023 17:00	4.7	254	20	8.1	0.0
03/09/2023 17:10	4.7	257	20	7.4	0.0
03/09/2023 17:20	4.5	254	21	7.2	0.0
03/09/2023 17:30	4.5	248	18	7.0	0.0
03/09/2023 17:40	5.1	246	15	7.3	0.0
03/09/2023 17:50	4.7	251	19	7.1	0.0
03/09/2023 18:00	4.6	249	20	7.2	0.0
03/09/2023 18:10	4.0	250	17	6.5	0.0
03/09/2023 18:20	4.4	254	16	7.2	0.0
03/09/2023 18:30	4.5	252	16	6.9	0.0
03/09/2023 18:40	4.9	251	16	7.2	0.0
03/09/2023 18:50	5.2	254	15	7.5	0.0
03/09/2023 19:00	5.4	252	17	7.3	0.0
03/09/2023 19:10	4.1	250	19	6.5	0.0
03/09/2023 19:20	4.6	248	18	7.1	0.0
03/09/2023 19:30	4.9	248	15	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/09/2023 19:40	5.1	256	18	7.5	0.0
03/09/2023 19:50	4.1	252	15	6.3	0.0
03/09/2023 20:00	4.8	255	16	7.2	0.0
03/09/2023 20:10	4.6	254	15	6.8	0.0
03/09/2023 20:20	4.1	252	16	6.4	0.0
03/09/2023 20:30	3.6	252	17	5.5	0.0
03/09/2023 20:40	3.3	253	21	5.5	0.0
03/09/2023 20:50	3.6	256	20	5.9	0.0
03/09/2023 21:00	4.2	247	17	6.6	0.0
03/09/2023 21:10	4.3	247	18	6.7	0.0
03/09/2023 21:20	4.4	245	18	6.6	0.0
03/09/2023 21:30	4.4	244	18	7.2	0.0
03/09/2023 21:40	4.3	244	20	6.6	0.0
03/09/2023 21:50	4.2	245	18	6.5	0.0
03/09/2023 22:00	3.9	241	17	5.6	0.0
03/09/2023 22:10	3.7	238	20	7.1	0.0
03/09/2023 22:20	3.9	238	17	6.0	0.0
03/09/2023 22:30	3.9	237	21	5.7	0.0
03/09/2023 22:40	3.3	243	18	4.5	0.0
03/09/2023 22:50	3.3	241	19	5.3	0.0
03/09/2023 23:00	3.6	237	18	5.9	0.0
03/09/2023 23:10	3.9	235	20	5.7	0.0
03/09/2023 23:20	3.8	238	16	5.9	0.0
03/09/2023 23:30	4.1	236	18	6.0	0.0
03/09/2023 23:40	4.2	236	15	6.4	0.0
03/09/2023 23:50	4.0	234	20	6.8	0.0
04/09/2023 00:00	4.4	236	18	6.2	0.0
04/09/2023 00:10	4.2	237	18	6.5	0.0
04/09/2023 00:20	4.2	238	19	6.3	0.0
04/09/2023 00:30	3.8	241	20	6.4	0.0
04/09/2023 00:40	3.6	245	17	5.6	0.0
04/09/2023 00:50	3.3	248	17	5.2	0.0
04/09/2023 01:00	3.4	242	16	5.9	0.0
04/09/2023 01:10	3.2	251	19	4.8	0.0
04/09/2023 01:20	2.7	248	19	4.0	0.0
04/09/2023 01:30	3.0	255	20	5.1	0.0
04/09/2023 01:40	3.3	255	13	4.4	0.0
04/09/2023 01:50	3.3	255	15	4.4	0.0
04/09/2023 02:00	2.8	252	16	4.0	0.0
04/09/2023 02:10	2.5	255	17	3.8	0.0
04/09/2023 02:20	3.0	252	16	4.4	0.0
04/09/2023 02:30	2.8	258	17	4.1	0.0
04/09/2023 02:40	2.7	257	15	4.2	0.0
04/09/2023 02:50	2.4	260	18	3.3	0.0
04/09/2023 03:00	2.9	264	13	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 03:10	3.0	266	16	4.0	0.0
04/09/2023 03:20	2.9	265	15	4.3	0.0
04/09/2023 03:30	2.5	261	17	3.6	0.0
04/09/2023 03:40	2.3	270	19	3.4	0.0
04/09/2023 03:50	2.4	269	16	3.6	0.0
04/09/2023 04:00	2.2	275	16	3.1	0.0
04/09/2023 04:10	2.1	275	19	3.1	0.0
04/09/2023 04:20	2.1	285	21	2.9	0.0
04/09/2023 04:30	2.0	285	18	3.3	0.0
04/09/2023 04:40	1.9	283	21	2.9	0.0
04/09/2023 04:50	2.1	279	18	3.3	0.0
04/09/2023 05:00	2.3	285	18	3.4	0.0
04/09/2023 05:10	2.6	276	16	4.0	0.0
04/09/2023 05:20	2.2	280	20	3.2	0.0
04/09/2023 05:30	2.4	270	18	3.6	0.0
04/09/2023 05:40	2.6	268	19	4.0	0.0
04/09/2023 05:50	2.5	260	18	4.2	0.0
04/09/2023 06:00	2.5	265	17	3.5	0.0
04/09/2023 06:10	2.4	260	18	3.5	0.0
04/09/2023 06:20	2.1	257	15	3.2	0.0
04/09/2023 06:30	1.9	260	17	3.0	0.0
04/09/2023 06:40	1.6	251	17	2.6	0.0
04/09/2023 06:50	1.3	222	24	2.0	0.0
04/09/2023 07:00	1.4	193	31	2.4	0.0
04/09/2023 07:10	1.6	178	33	2.9	0.0
04/09/2023 07:20	1.7	182	20	2.5	0.0
04/09/2023 07:30	1.6	174	21	2.4	0.0
04/09/2023 07:40	1.5	173	23	2.7	0.0
04/09/2023 07:50	1.8	189	21	2.7	0.0
04/09/2023 08:00	2.2	191	17	3.1	0.0
04/09/2023 08:10	2.2	190	21	3.1	0.0
04/09/2023 08:20	2.0	187	20	2.9	0.0
04/09/2023 08:30	1.9	169	29	3.5	0.0
04/09/2023 08:40	1.8	157	30	2.8	0.0
04/09/2023 08:50	1.6	151	35	2.8	0.0
04/09/2023 09:00	1.8	158	31	3.4	0.0
04/09/2023 09:10	1.9	143	30	3.2	0.0
04/09/2023 09:20	2.0	150	36	3.2	0.0
04/09/2023 09:30	1.8	137	35	3.7	0.0
04/09/2023 09:40	1.9	130	31	3.6	0.0
04/09/2023 09:50	1.8	116	30	2.8	0.0
04/09/2023 10:00	1.7	124	31	2.6	0.0
04/09/2023 10:10	1.7	121	32	2.9	0.0
04/09/2023 10:20	1.8	126	31	2.9	0.0
04/09/2023 10:30	1.9	134	37	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 10:40	1.7	133	36	2.7	0.0
04/09/2023 10:50	1.6	115	28	2.7	0.0
04/09/2023 11:00	1.8	100	37	2.9	0.0
04/09/2023 11:10	2.0	90	34	3.2	0.0
04/09/2023 11:20	2.1	82	32	3.5	0.0
04/09/2023 11:30	2.7	60	24	4.4	0.0
04/09/2023 11:40	2.8	57	23	4.4	0.0
04/09/2023 11:50	3.0	54	23	4.9	0.0
04/09/2023 12:00	2.6	59	28	4.4	0.0
04/09/2023 12:10	2.6	59	26	4.2	0.0
04/09/2023 12:20	2.9	61	24	5.5	0.0
04/09/2023 12:30	2.8	55	21	4.3	0.0
04/09/2023 12:40	2.8	57	22	4.7	0.0
04/09/2023 12:50	2.8	52	28	4.5	0.0
04/09/2023 13:00	2.8	61	24	4.1	0.0
04/09/2023 13:10	2.7	65	25	4.4	0.0
04/09/2023 13:20	2.7	70	27	4.0	0.0
04/09/2023 13:30	2.5	65	25	4.2	0.0
04/09/2023 13:40	2.6	61	28	4.1	0.0
04/09/2023 13:50	2.6	69	24	4.0	0.0
04/09/2023 14:00	2.8	65	24	4.4	0.0
04/09/2023 14:10	2.9	60	24	4.5	0.0
04/09/2023 14:20	2.7	64	25	4.0	0.0
04/09/2023 14:30	2.8	62	22	4.2	0.0
04/09/2023 14:40	2.8	63	21	4.5	0.0
04/09/2023 14:50	2.8	58	26	4.7	0.0
04/09/2023 15:00	2.7	64	21	4.6	0.0
04/09/2023 15:10	2.7	59	22	4.0	0.0
04/09/2023 15:20	2.5	66	24	4.2	0.0
04/09/2023 15:30	2.4	57	26	4.0	0.0
04/09/2023 15:40	2.1	36	32	3.6	0.0
04/09/2023 15:50	2.2	184	32	4.1	0.0
04/09/2023 16:00	2.4	185	27	3.6	0.0
04/09/2023 16:10	2.6	7	29	4.0	0.0
04/09/2023 16:20	2.4	168	30	4.1	0.0
04/09/2023 16:30	3.0	332	24	4.6	0.0
04/09/2023 16:40	2.9	328	26	4.2	0.0
04/09/2023 16:50	2.1	315	36	4.1	0.0
04/09/2023 17:00	2.3	311	46	4.2	0.0
04/09/2023 17:10	2.2	297	39	3.6	0.0
04/09/2023 17:20	2.2	274	34	3.8	0.0
04/09/2023 17:30	2.0	276	39	3.7	0.0
04/09/2023 17:40	2.7	253	22	3.9	0.0
04/09/2023 17:50	2.7	254	20	4.2	0.0
04/09/2023 18:00	2.2	259	23	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/09/2023 18:10	2.1	262	23	3.2	0.0
04/09/2023 18:20	2.3	260	20	3.5	0.0
04/09/2023 18:30	2.0	253	16	2.7	0.0
04/09/2023 18:40	2.5	248	15	3.9	0.0
04/09/2023 18:50	2.5	248	17	3.4	0.0
04/09/2023 19:00	2.5	255	18	4.0	0.0
04/09/2023 19:10	2.7	252	15	3.7	0.0
04/09/2023 19:20	3.3	253	15	4.8	0.0
04/09/2023 19:30	3.1	255	14	4.5	0.0
04/09/2023 19:40	2.6	254	17	3.7	0.0
04/09/2023 19:50	2.7	255	14	3.9	0.0
04/09/2023 20:00	2.8	249	16	4.5	0.0
04/09/2023 20:10	2.7	254	16	4.3	0.0
04/09/2023 20:20	3.1	254	17	4.2	0.0
04/09/2023 20:30	2.4	250	16	4.0	0.0
04/09/2023 20:40	2.7	237	18	4.0	0.0
04/09/2023 20:50	2.7	235	17	4.5	0.0
04/09/2023 21:00	2.3	239	17	3.7	0.0
04/09/2023 21:10	2.5	237	17	4.0	0.0
04/09/2023 21:20	2.5	244	18	3.6	0.0
04/09/2023 21:30	2.3	244	17	3.6	0.0
04/09/2023 21:40	2.3	245	18	3.4	0.0
04/09/2023 21:50	2.1	246	17	3.4	0.0
04/09/2023 22:00	2.4	239	16	3.8	0.0
04/09/2023 22:10	2.7	238	14	4.5	0.0
04/09/2023 22:20	3.4	233	14	4.5	0.0
04/09/2023 22:30	3.0	240	14	4.4	0.0
04/09/2023 22:40	3.3	240	17	4.7	0.0
04/09/2023 22:50	3.3	239	17	4.8	0.0
04/09/2023 23:00	3.2	247	17	4.8	0.0
04/09/2023 23:10	3.2	243	16	4.8	0.0
04/09/2023 23:20	2.9	244	17	4.0	0.0
04/09/2023 23:30	2.7	247	18	4.2	0.0
04/09/2023 23:40	2.4	250	22	4.0	0.0
04/09/2023 23:50	2.6	254	20	3.6	0.0
05/09/2023 00:00	2.4	255	18	4.0	0.0
05/09/2023 00:10	2.3	250	17	3.6	0.0
05/09/2023 00:20	2.3	249	18	3.8	0.0
05/09/2023 00:30	2.4	252	17	3.6	0.0
05/09/2023 00:40	2.5	252	16	3.6	0.0
05/09/2023 00:50	2.5	248	16	3.8	0.0
05/09/2023 01:00	2.6	250	17	3.7	0.0
05/09/2023 01:10	2.3	256	15	3.2	0.0
05/09/2023 01:20	2.4	255	18	3.6	0.0
05/09/2023 01:30	2.5	258	18	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 01:40	2.5	257	15	4.0	0.0
05/09/2023 01:50	2.5	258	16	3.7	0.0
05/09/2023 02:00	2.8	261	16	4.1	0.0
05/09/2023 02:10	2.5	260	16	3.7	0.0
05/09/2023 02:20	2.3	258	16	3.3	0.0
05/09/2023 02:30	2.2	258	16	3.4	0.0
05/09/2023 02:40	2.3	257	17	3.5	0.0
05/09/2023 02:50	2.4	245	18	3.7	0.0
05/09/2023 03:00	2.5	247	17	3.8	0.0
05/09/2023 03:10	2.7	245	16	4.0	0.0
05/09/2023 03:20	2.7	244	16	4.1	0.0
05/09/2023 03:30	2.8	245	20	4.3	0.0
05/09/2023 03:40	3.3	243	14	4.7	0.0
05/09/2023 03:50	3.4	240	16	4.8	0.0
05/09/2023 04:00	3.1	241	17	4.6	0.0
05/09/2023 04:10	3.0	241	15	4.4	0.0
05/09/2023 04:20	2.9	245	15	4.3	0.0
05/09/2023 04:30	2.8	247	18	3.7	0.0
05/09/2023 04:40	2.7	247	15	3.5	0.0
05/09/2023 04:50	2.3	250	17	3.6	0.0
05/09/2023 05:00	2.0	254	17	2.9	0.0
05/09/2023 05:10	2.0	245	19	2.9	0.0
05/09/2023 05:20	1.8	251	17	2.6	0.0
05/09/2023 05:30	1.6	237	19	2.4	0.0
05/09/2023 05:40	0.9	232	15	1.4	0.0
05/09/2023 05:50	1.0	230	24	1.9	0.0
05/09/2023 06:00	0.8	236	24	1.7	0.0
05/09/2023 06:10	0.1	195	14	0.7	0.0
05/09/2023 06:20	0.2	336	6	0.8	0.0
05/09/2023 06:30	0.0	330	2	0.4	0.0
05/09/2023 06:40	0.2	64	7	0.6	0.0
05/09/2023 06:50	0.3	35	14	0.9	0.0
05/09/2023 07:00	0.4	48	18	1.2	0.0
05/09/2023 07:10	0.5	60	17	1.2	0.0
05/09/2023 07:20	0.7	53	22	1.4	0.0
05/09/2023 07:30	1.1	59	24	1.6	0.0
05/09/2023 07:40	1.2	71	22	1.9	0.0
05/09/2023 07:50	1.5	77	23	2.7	0.0
05/09/2023 08:00	1.7	79	25	2.8	0.0
05/09/2023 08:10	1.8	78	27	2.8	0.0
05/09/2023 08:20	1.6	95	29	2.7	0.0
05/09/2023 08:30	2.0	85	22	3.1	0.0
05/09/2023 08:40	1.8	88	26	2.8	0.0
05/09/2023 08:50	2.1	63	18	3.4	0.0
05/09/2023 09:00	2.2	54	23	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 09:10	2.3	75	24	3.9	0.0
05/09/2023 09:20	2.1	68	21	3.6	0.0
05/09/2023 09:30	2.2	52	25	3.9	0.0
05/09/2023 09:40	2.2	64	28	3.6	0.0
05/09/2023 09:50	2.3	50	30	3.8	0.0
05/09/2023 10:00	2.6	63	28	3.9	0.0
05/09/2023 10:10	2.7	65	22	4.3	0.0
05/09/2023 10:20	2.6	62	23	4.1	0.0
05/09/2023 10:30	2.7	68	22	4.4	0.0
05/09/2023 10:40	2.8	63	22	4.4	0.0
05/09/2023 10:50	2.7	64	24	4.2	0.0
05/09/2023 11:00	2.5	72	24	3.6	0.0
05/09/2023 11:10	2.7	62	24	4.2	0.0
05/09/2023 11:20	2.2	52	28	3.6	0.0
05/09/2023 11:30	1.9	14	38	3.6	0.0
05/09/2023 11:40	2.1	177	34	4.2	0.0
05/09/2023 11:50	2.2	182	39	3.7	0.0
05/09/2023 12:00	2.6	9	32	4.0	0.0
05/09/2023 12:10	2.7	12	31	4.4	0.0
05/09/2023 12:20	2.7	11	27	4.3	0.0
05/09/2023 12:30	2.6	7	29	4.0	0.0
05/09/2023 12:40	2.5	17	36	4.2	0.0
05/09/2023 12:50	2.7	8	27	4.8	0.0
05/09/2023 13:00	2.5	18	27	4.4	0.0
05/09/2023 13:10	2.5	188	37	4.4	0.0
05/09/2023 13:20	2.7	344	33	5.2	0.0
05/09/2023 13:30	2.5	172	32	4.1	0.0
05/09/2023 13:40	2.9	329	27	4.6	0.0
05/09/2023 13:50	2.8	330	38	5.4	0.0
05/09/2023 14:00	2.8	341	33	4.7	0.0
05/09/2023 14:10	2.6	339	32	4.8	0.0
05/09/2023 14:20	2.6	323	31	4.0	0.0
05/09/2023 14:30	2.3	322	37	4.0	0.0
05/09/2023 14:40	2.4	340	38	4.7	0.0
05/09/2023 14:50	2.5	335	32	3.9	0.0
05/09/2023 15:00	2.5	321	34	4.0	0.0
05/09/2023 15:10	2.3	331	38	4.8	0.0
05/09/2023 15:20	2.4	336	36	3.8	0.0
05/09/2023 15:30	2.0	327	48	3.7	0.0
05/09/2023 15:40	2.5	321	49	4.4	0.0
05/09/2023 15:50	2.6	328	30	4.5	0.0
05/09/2023 16:00	2.5	332	31	4.2	0.0
05/09/2023 16:10	2.2	299	42	3.9	0.0
05/09/2023 16:20	2.6	323	42	4.4	0.0
05/09/2023 16:30	2.5	316	33	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/09/2023 16:40	2.4	306	37	4.0	0.0
05/09/2023 16:50	2.3	295	42	4.0	0.0
05/09/2023 17:00	2.3	299	38	3.9	0.0
05/09/2023 17:10	2.4	323	35	4.1	0.0
05/09/2023 17:20	2.5	289	33	4.4	0.0
05/09/2023 17:30	2.3	294	41	4.4	0.0
05/09/2023 17:40	2.3	295	40	4.1	0.0
05/09/2023 17:50	2.0	289	41	3.6	0.0
05/09/2023 18:00	2.2	318	36	3.8	0.0
05/09/2023 18:10	2.3	314	34	3.7	0.0
05/09/2023 18:20	1.9	304	39	4.0	0.0
05/09/2023 18:30	2.1	301	37	3.9	0.0
05/09/2023 18:40	1.7	290	46	3.5	0.0
05/09/2023 18:50	1.9	309	40	3.6	0.0
05/09/2023 19:00	1.6	289	52	3.1	0.0
05/09/2023 19:10	1.7	302	45	3.0	0.0
05/09/2023 19:20	1.9	266	37	3.3	0.0
05/09/2023 19:30	1.6	270	42	3.2	0.0
05/09/2023 19:40	1.7	265	31	3.3	0.0
05/09/2023 19:50	2.0	254	33	3.7	0.0
05/09/2023 20:00	1.9	260	32	3.1	0.0
05/09/2023 20:10	1.9	261	25	3.6	0.0
05/09/2023 20:20	1.8	258	27	3.0	0.0
05/09/2023 20:30	2.0	258	26	3.4	0.0
05/09/2023 20:40	2.0	253	23	3.8	0.0
05/09/2023 20:50	1.8	258	25	2.8	0.0
05/09/2023 21:00	1.7	261	23	2.7	0.0
05/09/2023 21:10	1.5	263	29	2.8	0.0
05/09/2023 21:20	1.6	257	21	3.0	0.0
05/09/2023 21:30	1.6	259	21	2.8	0.0
05/09/2023 21:40	1.3	268	24	2.0	0.0
05/09/2023 21:50	2.1	256	18	4.0	0.0
05/09/2023 22:00	2.3	258	17	3.6	0.0
05/09/2023 22:10	2.1	261	22	3.7	0.0
05/09/2023 22:20	2.9	252	16	4.2	0.0
05/09/2023 22:30	2.6	248	19	3.6	0.0
05/09/2023 22:40	2.2	253	21	3.2	0.0
05/09/2023 22:50	2.6	249	19	4.4	0.0
05/09/2023 23:00	2.6	254	19	4.1	0.0
05/09/2023 23:10	2.7	251	16	4.3	0.0
05/09/2023 23:20	1.9	267	18	3.1	0.0
05/09/2023 23:30	1.8	264	22	2.8	0.0
05/09/2023 23:40	1.8	256	21	2.9	0.0
05/09/2023 23:50	1.9	260	22	2.9	0.0
06/09/2023 00:00	2.0	254	24	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 00:10	1.7	266	19	2.8	0.0
06/09/2023 00:20	1.5	260	19	2.9	0.0
06/09/2023 00:30	1.6	260	17	2.5	0.0
06/09/2023 00:40	1.4	272	21	2.3	0.0
06/09/2023 00:50	1.7	263	17	2.8	0.0
06/09/2023 01:00	1.4	266	17	2.4	0.0
06/09/2023 01:10	1.8	265	21	2.7	0.0
06/09/2023 01:20	1.7	260	16	2.8	0.0
06/09/2023 01:30	1.4	263	22	2.4	0.0
06/09/2023 01:40	1.0	265	21	1.8	0.0
06/09/2023 01:50	1.0	278	20	1.6	0.0
06/09/2023 02:00	1.3	262	15	1.8	0.0
06/09/2023 02:10	0.9	152	24	1.5	0.0
06/09/2023 02:20	0.1	226	2	0.7	0.0
06/09/2023 02:30	0.8	251	6	1.2	0.0
06/09/2023 02:40	0.4	75	8	1.1	0.0
06/09/2023 02:50	0.7	268	13	1.2	0.0
06/09/2023 03:00	0.5	252	4	1.1	0.0
06/09/2023 03:10	0.2	15	9	0.7	0.0
06/09/2023 03:20	0.5	344	19	1.3	0.0
06/09/2023 03:30	0.8	27	10	1.2	0.0
06/09/2023 03:40	0.3	161	11	0.9	0.0
06/09/2023 03:50	0.4	343	10	0.9	0.0
06/09/2023 04:00	0.1	163	5	0.8	0.0
06/09/2023 04:10					0.0
06/09/2023 04:20	0.4	353	7	1.1	0.0
06/09/2023 04:30	0.6	13	16	0.8	0.0
06/09/2023 04:40	0.4	181	17	0.8	0.0
06/09/2023 04:50	0.4	342	15	1.0	0.0
06/09/2023 05:00	0.4	344	10	0.8	0.0
06/09/2023 05:10	0.5	344	10	1.0	0.0
06/09/2023 05:20	0.4	343	6	0.9	0.0
06/09/2023 05:30	0.3	347	6	0.9	0.0
06/09/2023 05:40	0.7	345	8	1.3	0.0
06/09/2023 05:50	0.7	334	10	1.1	0.0
06/09/2023 06:00	0.7	336	12	1.3	0.0
06/09/2023 06:10	0.8	334	10	1.2	0.0
06/09/2023 06:20	0.6	348	9	1.1	0.0
06/09/2023 06:30	0.7	346	15	1.0	0.0
06/09/2023 06:40	1.0	333	9	1.3	0.0
06/09/2023 06:50	1.1	339	6	1.4	0.0
06/09/2023 07:00	0.8	338	7	1.1	0.0
06/09/2023 07:10	0.7	180	14	1.1	0.0
06/09/2023 07:20	0.5	58	20	1.1	0.0
06/09/2023 07:30	0.7	84	15	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 07:40	0.7	100	23	1.3	0.0
06/09/2023 07:50	0.4	104	13	0.9	0.0
06/09/2023 08:00	0.6	74	44	1.5	0.0
06/09/2023 08:10	1.2	6	23	2.5	0.0
06/09/2023 08:20	1.3	17	36	2.4	0.0
06/09/2023 08:30	1.7	177	28	2.8	0.0
06/09/2023 08:40	1.8	12	25	3.0	0.0
06/09/2023 08:50	1.7	12	31	2.6	0.0
06/09/2023 09:00	1.5	192	36	2.4	0.0
06/09/2023 09:10	1.8	176	30	2.8	0.0
06/09/2023 09:20	1.5	182	34	2.2	0.0
06/09/2023 09:30	1.6	183	39	3.2	0.0
06/09/2023 09:40	1.7	163	35	2.8	0.0
06/09/2023 09:50	1.7	152	48	3.3	0.0
06/09/2023 10:00	2.1	169	42	3.8	0.0
06/09/2023 10:10	1.3	17	44	2.4	0.0
06/09/2023 10:20	1.4	151	79	2.5	0.0
06/09/2023 10:30	1.6	23	37	2.6	0.0
06/09/2023 10:40	1.3	138	62	2.4	0.0
06/09/2023 10:50	1.6	187	64	2.8	0.0
06/09/2023 11:00	1.8	52	38	3.2	0.0
06/09/2023 11:10	1.8	69	35	3.2	0.0
06/09/2023 11:20	2.4	54	34	3.7	0.0
06/09/2023 11:30	2.2	65	26	3.3	0.0
06/09/2023 11:40	2.5	75	30	3.9	0.0
06/09/2023 11:50	2.3	74	26	4.4	0.0
06/09/2023 12:00	2.4	79	26	4.0	0.0
06/09/2023 12:10	2.2	79	30	3.7	0.0
06/09/2023 12:20	2.1	70	28	3.7	0.0
06/09/2023 12:30	2.2	76	30	3.9	0.0
06/09/2023 12:40	1.9	79	32	3.4	0.0
06/09/2023 12:50	2.3	54	35	3.9	0.0
06/09/2023 13:00	1.8	15	35	3.2	0.0
06/09/2023 13:10	2.0	25	38	3.4	0.0
06/09/2023 13:20	1.9	32	33	3.3	0.0
06/09/2023 13:30	1.8	179	51	3.2	0.0
06/09/2023 13:40	2.1	189	32	3.4	0.0
06/09/2023 13:50	2.3	178	27	4.1	0.0
06/09/2023 14:00	1.8	18	35	3.4	0.0
06/09/2023 14:10	2.2	21	32	3.7	0.0
06/09/2023 14:20	2.0	11	35	4.2	0.0
06/09/2023 14:30	2.3	4	40	3.9	0.0
06/09/2023 14:40	2.5	10	32	4.0	0.0
06/09/2023 14:50	2.4	8	36	3.7	0.0
06/09/2023 15:00	2.2	20	35	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 15:10	2.7	15	28	4.0	0.0
06/09/2023 15:20	2.6	21	30	4.4	0.0
06/09/2023 15:30	2.7	16	30	4.3	0.0
06/09/2023 15:40	2.4	19	34	3.6	0.0
06/09/2023 15:50	2.5	11	33	4.0	0.0
06/09/2023 16:00	2.3	11	35	4.3	0.0
06/09/2023 16:10	2.6	20	30	4.4	0.0
06/09/2023 16:20	2.6	18	34	4.4	0.0
06/09/2023 16:30	2.5	20	29	3.7	0.0
06/09/2023 16:40	2.6	24	26	4.5	0.0
06/09/2023 16:50	2.4	23	33	4.0	0.0
06/09/2023 17:00	3.0	17	22	4.8	0.0
06/09/2023 17:10	2.7	17	31	4.4	0.0
06/09/2023 17:20	2.5	23	31	4.1	0.0
06/09/2023 17:30	2.7	17	34	4.5	0.0
06/09/2023 17:40	2.5	23	30	4.6	0.0
06/09/2023 17:50	2.5	13	28	4.3	0.0
06/09/2023 18:00	1.9	348	42	3.6	0.0
06/09/2023 18:10	2.3	337	28	4.3	0.0
06/09/2023 18:20	2.4	349	32	4.1	0.0
06/09/2023 18:30	2.0	348	34	3.5	0.0
06/09/2023 18:40	2.2	344	35	4.1	0.0
06/09/2023 18:50	2.5	333	32	4.8	0.0
06/09/2023 19:00	2.3	319	27	4.6	0.0
06/09/2023 19:10	3.1	318	22	4.8	0.0
06/09/2023 19:20	2.9	319	27	4.4	0.0
06/09/2023 19:30	2.2	296	39	3.9	0.0
06/09/2023 19:40	1.8	292	42	3.6	0.0
06/09/2023 19:50	1.8	299	35	3.8	0.0
06/09/2023 20:00	1.5	293	44	2.7	0.0
06/09/2023 20:10	1.5	275	53	2.5	0.0
06/09/2023 20:20	1.3	271	39	2.5	0.0
06/09/2023 20:30	1.7	258	32	2.5	0.0
06/09/2023 20:40	1.8	261	30	3.1	0.0
06/09/2023 20:50	1.8	259	28	2.9	0.0
06/09/2023 21:00	2.0	257	22	3.0	0.0
06/09/2023 21:10	2.0	254	19	2.9	0.0
06/09/2023 21:20	2.0	256	23	2.9	0.0
06/09/2023 21:30	1.9	251	18	2.9	0.0
06/09/2023 21:40	2.0	258	18	3.1	0.0
06/09/2023 21:50	2.6	251	12	3.6	0.0
06/09/2023 22:00	2.4	249	15	3.6	0.0
06/09/2023 22:10	2.5	236	18	3.6	0.0
06/09/2023 22:20	1.7	244	16	2.7	0.0
06/09/2023 22:30	2.4	234	13	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/09/2023 22:40	1.8	236	19	3.0	0.0
06/09/2023 22:50	2.0	232	15	3.0	0.0
06/09/2023 23:00	2.1	235	16	3.0	0.0
06/09/2023 23:10	2.1	239	14	2.9	0.0
06/09/2023 23:20	1.5	241	15	2.3	0.0
06/09/2023 23:30	1.3	247	15	1.8	0.0
06/09/2023 23:40	1.5	253	15	2.2	0.0
06/09/2023 23:50	1.0	237	24	1.6	0.0
07/09/2023 00:00	0.4	213	13	1.0	0.0
07/09/2023 00:10					0.0
07/09/2023 00:20	0.5	248	5	1.1	0.0
07/09/2023 00:30	0.5	246	10	1.2	0.0
07/09/2023 00:40	0.0	203	2	0.5	0.0
07/09/2023 00:50	0.3	344	12	0.8	0.0
07/09/2023 01:00	0.1	180	3	0.9	0.0
07/09/2023 01:10	0.1	15	5	0.5	0.0
07/09/2023 01:20	0.3	23	9	0.8	0.0
07/09/2023 01:30	0.1	360	6	0.6	0.0
07/09/2023 01:40	0.1	175	2	0.5	0.0
07/09/2023 01:50	0.0	184	1	0.4	0.0
07/09/2023 02:00	0.0	4	0	0.4	0.0
07/09/2023 02:10	0.5	350	10	1.2	0.0
07/09/2023 02:20	0.4	5	12	0.9	0.0
07/09/2023 02:30	0.5	21	10	0.8	0.0
07/09/2023 02:40	0.1	16	4	0.5	0.0
07/09/2023 02:50	0.4	18	8	0.8	0.0
07/09/2023 03:00	0.9	20	12	1.2	0.0
07/09/2023 03:10	1.0	17	14	1.4	0.0
07/09/2023 03:20	1.1	17	14	1.5	0.0
07/09/2023 03:30	1.1	19	13	1.6	0.0
07/09/2023 03:40	1.0	5	21	1.6	0.0
07/09/2023 03:50	1.1	5	22	1.7	0.0
07/09/2023 04:00	1.3	19	17	2.0	0.0
07/09/2023 04:10	0.1	22	10	0.7	0.0
07/09/2023 04:20	0.7	8	15	1.0	0.0
07/09/2023 04:30	0.9	10	18	1.2	0.0
07/09/2023 04:40	0.9	21	15	1.4	0.0
07/09/2023 04:50	0.9	16	14	1.2	0.0
07/09/2023 05:00	1.0	24	18	1.4	0.0
07/09/2023 05:10	0.9	27	16	1.4	0.0
07/09/2023 05:20	0.9	27	17	1.3	0.0
07/09/2023 05:30	0.9	33	18	1.2	0.0
07/09/2023 05:40	0.7	27	18	1.1	0.0
07/09/2023 05:50	0.7	22	16	1.0	0.0
07/09/2023 06:00	0.8	27	17	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 06:10	0.4	44	24	1.0	0.0
07/09/2023 06:20	0.8	140	39	2.1	0.0
07/09/2023 06:30	0.4	103	27	1.4	0.0
07/09/2023 06:40	0.2	123	23	0.8	0.0
07/09/2023 06:50	0.8	122	38	2.1	0.0
07/09/2023 07:00	1.4	128	28	2.3	0.0
07/09/2023 07:10	1.4	131	28	2.6	0.0
07/09/2023 07:20	1.7	130	28	2.9	0.0
07/09/2023 07:30	1.9	112	30	3.3	0.0
07/09/2023 07:40	1.9	104	37	3.9	0.0
07/09/2023 07:50	2.1	112	33	3.6	0.0
07/09/2023 08:00	2.3	116	34	3.7	0.0
07/09/2023 08:10	2.2	109	34	3.6	0.0
07/09/2023 08:20	2.2	105	30	3.4	0.0
07/09/2023 08:30	2.2	95	26	3.5	0.0
07/09/2023 08:40	2.2	97	27	3.6	0.0
07/09/2023 08:50	2.3	87	27	3.6	0.0
07/09/2023 09:00	2.8	87	28	4.7	0.0
07/09/2023 09:10	2.9	84	29	4.4	0.0
07/09/2023 09:20	3.1	88	23	5.2	0.0
07/09/2023 09:30	3.5	78	24	5.7	0.0
07/09/2023 09:40	3.7	74	23	5.5	0.0
07/09/2023 09:50	3.8	75	21	6.3	0.0
07/09/2023 10:00	3.7	75	22	5.6	0.0
07/09/2023 10:10	3.4	80	25	5.6	0.0
07/09/2023 10:20	3.5	62	25	5.5	0.0
07/09/2023 10:30	3.5	65	22	5.4	0.0
07/09/2023 10:40	3.3	62	23	5.7	0.0
07/09/2023 10:50	3.7	64	21	5.9	0.0
07/09/2023 11:00	3.8	64	22	6.4	0.0
07/09/2023 11:10	3.8	64	20	6.0	0.0
07/09/2023 11:20	3.8	69	23	5.6	0.0
07/09/2023 11:30	3.8	65	22	6.0	0.0
07/09/2023 11:40	3.7	72	22	6.4	0.0
07/09/2023 11:50	3.7	64	24	6.4	0.0
07/09/2023 12:00	4.2	63	22	6.6	0.0
07/09/2023 12:10	4.0	60	23	6.7	0.0
07/09/2023 12:20	3.9	59	21	6.6	0.0
07/09/2023 12:30	3.8	58	25	6.5	0.0
07/09/2023 12:40	4.0	50	23	6.2	0.0
07/09/2023 12:50	4.1	47	20	6.5	0.0
07/09/2023 13:00	4.6	50	20	7.5	0.0
07/09/2023 13:10	3.7	48	20	6.1	0.0
07/09/2023 13:20	3.9	54	22	6.2	0.0
07/09/2023 13:30	4.0	57	25	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 13:40	3.7	56	22	6.2	0.0
07/09/2023 13:50	3.9	58	21	6.7	0.0
07/09/2023 14:00	4.0	49	21	6.9	0.0
07/09/2023 14:10	4.3	52	24	7.0	0.0
07/09/2023 14:20	4.2	54	18	6.6	0.0
07/09/2023 14:30	3.5	50	23	5.0	0.0
07/09/2023 14:40	3.8	47	23	6.2	0.0
07/09/2023 14:50	3.3	52	24	5.2	0.0
07/09/2023 15:00	4.0	49	20	6.2	0.0
07/09/2023 15:10	3.8	46	21	6.4	0.0
07/09/2023 15:20	3.4	41	23	6.0	0.0
07/09/2023 15:30	3.5	41	26	6.4	0.0
07/09/2023 15:40	3.4	41	22	6.0	0.0
07/09/2023 15:50	2.8	30	30	4.3	0.0
07/09/2023 16:00	3.3	22	31	5.6	0.0
07/09/2023 16:10	3.0	24	33	5.0	0.0
07/09/2023 16:20	3.5	13	28	5.8	0.0
07/09/2023 16:30	3.4	15	31	6.1	0.0
07/09/2023 16:40	2.8	16	26	5.2	0.0
07/09/2023 16:50	2.7	18	39	5.4	0.0
07/09/2023 17:00	2.7	8	32	4.9	0.0
07/09/2023 17:10	2.7	19	36	4.5	0.0
07/09/2023 17:20	2.6	8	34	4.6	0.0
07/09/2023 17:30	2.5	10	32	4.9	0.0
07/09/2023 17:40	2.7	14	27	4.6	0.0
07/09/2023 17:50	2.2	20	38	3.7	0.0
07/09/2023 18:00	2.4	22	36	3.6	0.0
07/09/2023 18:10	2.3	186	36	4.2	0.0
07/09/2023 18:20	1.4	8	55	2.8	0.0
07/09/2023 18:30	1.8	170	43	3.6	0.0
07/09/2023 18:40	1.8	174	45	3.3	0.0
07/09/2023 18:50	1.9	354	39	3.5	0.0
07/09/2023 19:00	2.1	334	35	3.9	0.0
07/09/2023 19:10	1.9	334	38	3.5	0.0
07/09/2023 19:20	2.1	335	35	3.7	0.0
07/09/2023 19:30	2.0	334	31	3.7	0.0
07/09/2023 19:40	1.3	336	51	3.2	0.0
07/09/2023 19:50	1.4	312	53	2.7	0.0
07/09/2023 20:00	2.2	324	27	4.0	0.0
07/09/2023 20:10	1.9	321	36	3.6	0.0
07/09/2023 20:20	1.9	320	40	3.6	0.0
07/09/2023 20:30	1.9	314	42	3.9	0.0
07/09/2023 20:40	1.5	299	51	3.6	0.0
07/09/2023 20:50	1.7	284	44	3.1	0.0
07/09/2023 21:00	1.6	249	30	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/09/2023 21:10	1.1	255	40	1.8	0.0
07/09/2023 21:20	1.4	254	27	2.4	0.0
07/09/2023 21:30	0.9	264	35	1.6	0.0
07/09/2023 21:40	0.9	253	38	1.8	0.0
07/09/2023 21:50	1.1	251	27	1.9	0.0
07/09/2023 22:00	0.9	281	39	2.0	0.0
07/09/2023 22:10	0.8	254	40	1.6	0.0
07/09/2023 22:20	0.8	242	23	1.5	0.0
07/09/2023 22:30	0.5	250	27	1.5	0.0
07/09/2023 22:40	0.4	236	22	1.0	0.0
07/09/2023 22:50	0.3	272	11	0.8	0.0
07/09/2023 23:00	0.6	299	34	1.4	0.0
07/09/2023 23:10	0.7	252	19	1.1	0.0
07/09/2023 23:20	0.8	246	21	1.3	0.0
07/09/2023 23:30	0.4	280	11	1.2	0.0
07/09/2023 23:40	0.7	250	14	1.2	0.0
07/09/2023 23:50	0.8	256	13	1.2	0.0
08/09/2023 00:00	0.6	244	10	0.9	0.0
08/09/2023 00:10	0.4	311	21	0.8	0.0
08/09/2023 00:20	0.3	259	7	0.9	0.0
08/09/2023 00:30	0.9	252	11	1.3	0.0
08/09/2023 00:40	1.2	257	11	1.5	0.0
08/09/2023 00:50	1.5	256	13	2.1	0.0
08/09/2023 01:00	1.2	259	16	1.9	0.0
08/09/2023 01:10	1.2	253	13	1.9	0.0
08/09/2023 01:20	1.1	247	11	1.6	0.0
08/09/2023 01:30	1.1	254	16	1.8	0.0
08/09/2023 01:40	1.0	239	16	1.6	0.0
08/09/2023 01:50	1.0	247	13	1.6	0.0
08/09/2023 02:00	0.3	232	12	0.8	0.0
08/09/2023 02:10	0.1	214	2	0.6	0.0
08/09/2023 02:20	0.1	142	18	0.5	0.0
08/09/2023 02:30	0.0	58	0	0.4	0.0
08/09/2023 02:40	0.1	73	9	0.4	0.0
08/09/2023 02:50	1.0	70	31	1.6	0.0
08/09/2023 03:00	1.1	184	30	2.0	0.0
08/09/2023 03:10	0.3	104	25	0.8	0.0
08/09/2023 03:20	0.4	170	23	1.2	0.0
08/09/2023 03:30	0.6	181	30	1.5	0.0
08/09/2023 03:40	0.7	152	29	1.6	0.0
08/09/2023 03:50	0.7	119	35	1.4	0.0
08/09/2023 04:00	0.5	89	20	1.2	0.0
08/09/2023 04:10	0.4	70	24	0.9	0.0
08/09/2023 04:20	0.1	170	17	0.6	0.0
08/09/2023 04:30	0.1	15	2	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 04:40	0.2	359	9	0.6	0.0
08/09/2023 04:50	0.3	340	7	1.0	0.0
08/09/2023 05:00	0.9	341	11	1.2	0.0
08/09/2023 05:10	1.1	171	19	1.6	0.0
08/09/2023 05:20	1.3	348	13	1.7	0.0
08/09/2023 05:30	1.4	350	16	1.8	0.0
08/09/2023 05:40	1.4	356	22	2.1	0.0
08/09/2023 05:50	1.1	265	58	1.8	0.0
08/09/2023 06:00	0.2	199	18	0.7	0.0
08/09/2023 06:10	0.9	336	9	1.2	0.0
08/09/2023 06:20	1.1	332	8	1.6	0.0
08/09/2023 06:30	0.4	324	25	0.8	0.0
08/09/2023 06:40	0.6	171	13	1.2	0.0
08/09/2023 06:50	0.4	33	14	1.1	0.0
08/09/2023 07:00	0.5	57	19	1.0	0.0
08/09/2023 07:10	0.7	80	23	1.1	0.0
08/09/2023 07:20	0.8	96	32	1.6	0.0
08/09/2023 07:30	1.5	86	19	2.5	0.0
08/09/2023 07:40	1.4	81	22	2.0	0.0
08/09/2023 07:50	1.6	79	23	2.8	0.0
08/09/2023 08:00	2.0	86	24	3.0	0.0
08/09/2023 08:10	2.2	92	32	3.3	0.0
08/09/2023 08:20	2.7	80	28	4.4	0.0
08/09/2023 08:30	2.5	87	29	4.5	0.0
08/09/2023 08:40	3.1	88	22	5.6	0.0
08/09/2023 08:50	2.9	90	25	4.8	0.0
08/09/2023 09:00	2.8	87	27	4.7	0.0
08/09/2023 09:10	2.3	102	32	3.8	0.0
08/09/2023 09:20	2.5	97	29	4.1	0.0
08/09/2023 09:30	2.7	96	25	4.7	0.0
08/09/2023 09:40	2.9	97	24	4.8	0.0
08/09/2023 09:50	2.9	88	26	4.4	0.0
08/09/2023 10:00	2.8	85	28	4.4	0.0
08/09/2023 10:10	2.9	86	26	4.3	0.0
08/09/2023 10:20	3.1	77	22	4.8	0.0
08/09/2023 10:30	3.3	77	25	5.5	0.0
08/09/2023 10:40	3.4	73	21	5.1	0.0
08/09/2023 10:50	3.6	82	24	5.2	0.0
08/09/2023 11:00	3.2	86	25	5.1	0.0
08/09/2023 11:10	3.6	80	21	5.9	0.0
08/09/2023 11:20	3.3	75	28	5.0	0.0
08/09/2023 11:30	3.1	75	33	5.2	0.0
08/09/2023 11:40	3.4	67	24	5.4	0.0
08/09/2023 11:50	3.3	62	23	5.3	0.0
08/09/2023 12:00	3.5	59	22	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 12:10	3.5	72	21	5.8	0.0
08/09/2023 12:20	3.4	68	20	5.4	0.0
08/09/2023 12:30	3.5	65	21	5.3	0.0
08/09/2023 12:40	3.2	72	24	5.0	0.0
08/09/2023 12:50	3.6	68	23	5.2	0.0
08/09/2023 13:00	3.3	63	25	5.8	0.0
08/09/2023 13:10	3.2	59	25	5.8	0.0
08/09/2023 13:20	3.1	60	23	4.6	0.0
08/09/2023 13:30	3.3	70	24	5.6	0.0
08/09/2023 13:40	3.3	64	24	5.5	0.0
08/09/2023 13:50	3.4	48	24	5.8	0.0
08/09/2023 14:00	3.5	51	27	5.2	0.0
08/09/2023 14:10	3.5	55	22	6.2	0.0
08/09/2023 14:20	3.4	55	23	6.0	0.0
08/09/2023 14:30	3.2	57	24	5.1	0.0
08/09/2023 14:40	3.0	59	22	4.7	0.0
08/09/2023 14:50	3.4	53	20	5.8	0.0
08/09/2023 15:00	3.3	57	23	5.2	0.0
08/09/2023 15:10	3.5	48	20	5.5	0.0
08/09/2023 15:20	3.5	43	22	5.6	0.0
08/09/2023 15:30	3.3	42	23	4.9	0.0
08/09/2023 15:40	3.0	43	25	4.8	0.0
08/09/2023 15:50	3.0	63	25	5.1	0.0
08/09/2023 16:00	2.9	60	20	4.8	0.0
08/09/2023 16:10	2.3	64	24	3.8	0.0
08/09/2023 16:20	2.4	65	25	4.0	0.0
08/09/2023 16:30	2.2	56	20	3.8	0.0
08/09/2023 16:40	2.5	44	26	3.9	0.0
08/09/2023 16:50	2.7	44	25	4.8	0.0
08/09/2023 17:00	2.3	32	33	4.1	0.0
08/09/2023 17:10	2.1	28	31	4.1	0.0
08/09/2023 17:20	2.0	27	31	3.6	0.0
08/09/2023 17:30	2.0	15	38	3.6	0.0
08/09/2023 17:40	1.8	24	30	2.9	0.0
08/09/2023 17:50	1.7	182	41	3.2	0.0
08/09/2023 18:00	1.6	10	40	3.4	0.0
08/09/2023 18:10	1.5	18	37	3.1	0.0
08/09/2023 18:20	1.6	5	37	2.8	0.0
08/09/2023 18:30	1.1	356	45	1.9	0.0
08/09/2023 18:40	1.0	332	33	1.7	0.0
08/09/2023 18:50	0.8	290	40	1.5	0.0
08/09/2023 19:00	0.6	243	63	1.5	0.0
08/09/2023 19:10	1.2	344	33	2.2	0.0
08/09/2023 19:20	1.0	336	33	1.6	0.0
08/09/2023 19:30	1.1	330	26	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/09/2023 19:40	1.3	326	26	2.2	0.0
08/09/2023 19:50	1.4	317	32	2.6	0.0
08/09/2023 20:00	1.2	300	40	2.3	0.0
08/09/2023 20:10	1.2	295	36	2.0	0.0
08/09/2023 20:20	1.8	322	18	2.8	0.0
08/09/2023 20:30	1.6	323	22	2.4	0.0
08/09/2023 20:40	1.3	319	24	2.4	0.0
08/09/2023 20:50	0.9	237	45	1.9	0.0
08/09/2023 21:00	0.6	226	18	1.3	0.0
08/09/2023 21:10	0.2	276	46	0.8	0.0
08/09/2023 21:20	0.4	60	62	1.2	0.0
08/09/2023 21:30	0.7	321	50	1.7	0.0
08/09/2023 21:40	0.3	164	53	0.8	0.0
08/09/2023 21:50	0.3	148	38	0.7	0.0
08/09/2023 22:00	0.3	275	19	0.8	0.0
08/09/2023 22:10	0.0	260	9	0.4	0.0
08/09/2023 22:20	1.2	251	15	1.6	0.0
08/09/2023 22:30	1.2	245	15	1.6	0.0
08/09/2023 22:40	0.4	141	29	0.8	0.0
08/09/2023 22:50	0.6	283	15	1.0	0.0
08/09/2023 23:00	0.6	267	11	1.2	0.0
08/09/2023 23:10	0.7	253	17	1.2	0.0
08/09/2023 23:20	1.4	260	10	1.8	0.0
08/09/2023 23:30	1.2	242	11	1.6	0.0
08/09/2023 23:40	0.5	252	7	0.8	0.0
08/09/2023 23:50	0.9	272	20	1.6	0.0
09/09/2023 00:00	0.9	293	21	1.4	0.0
09/09/2023 00:10	1.2	269	17	1.6	0.0
09/09/2023 00:20	1.2	272	17	1.6	0.0
09/09/2023 00:30	1.3	258	11	1.6	0.0
09/09/2023 00:40	1.4	259	13	1.7	0.0
09/09/2023 00:50	1.5	265	14	2.1	0.0
09/09/2023 01:00	1.4	269	20	2.0	0.0
09/09/2023 01:10	1.4	259	19	2.0	0.0
09/09/2023 01:20	1.2	253	16	1.9	0.0
09/09/2023 01:30	1.1	249	19	1.7	0.0
09/09/2023 01:40	1.4	233	17	2.1	0.0
09/09/2023 01:50	1.7	248	16	2.4	0.0
09/09/2023 02:00	2.1	259	13	2.8	0.0
09/09/2023 02:10	2.0	263	14	2.7	0.0
09/09/2023 02:20	1.8	265	14	2.6	0.0
09/09/2023 02:30	1.7	261	15	2.5	0.0
09/09/2023 02:40	1.9	254	16	2.5	0.0
09/09/2023 02:50	1.8	252	14	2.5	0.0
09/09/2023 03:00	1.9	257	14	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 03:10	2.3	250	15	3.3	0.0
09/09/2023 03:20	2.0	249	16	3.2	0.0
09/09/2023 03:30	2.3	250	17	3.7	0.0
09/09/2023 03:40	2.3	246	16	3.4	0.0
09/09/2023 03:50	2.3	251	16	3.2	0.0
09/09/2023 04:00	2.3	250	17	3.5	0.0
09/09/2023 04:10	2.0	249	16	2.7	0.0
09/09/2023 04:20	2.0	258	17	2.8	0.0
09/09/2023 04:30	2.1	258	14	3.1	0.0
09/09/2023 04:40	2.0	249	18	3.1	0.0
09/09/2023 04:50	2.0	258	16	2.9	0.0
09/09/2023 05:00	1.7	252	14	2.4	0.0
09/09/2023 05:10	1.9	247	17	2.5	0.0
09/09/2023 05:20	0.7	189	51	1.2	0.0
09/09/2023 05:30	1.0	213	18	1.8	0.0
09/09/2023 05:40	0.7	257	18	1.3	0.0
09/09/2023 05:50	0.2	121	11	0.8	0.0
09/09/2023 06:00	0.3	19	26	0.8	0.0
09/09/2023 06:10	0.6	36	18	1.1	0.0
09/09/2023 06:20	0.6	67	13	1.2	0.0
09/09/2023 06:30	0.3	72	12	0.8	0.0
09/09/2023 06:40	0.1	70	10	0.5	0.0
09/09/2023 06:50	0.2	21	4	0.8	0.0
09/09/2023 07:00	0.1	77	12	0.6	0.0
09/09/2023 07:10	0.2	51	12	0.8	0.0
09/09/2023 07:20	0.1	214	7	0.7	0.0
09/09/2023 07:30	0.3	78	16	0.9	0.0
09/09/2023 07:40	0.3	68	24	0.8	0.0
09/09/2023 07:50	0.6	89	33	1.4	0.0
09/09/2023 08:00	0.8	188	33	1.4	0.0
09/09/2023 08:10	1.2	192	29	2.0	0.0
09/09/2023 08:20	1.1	236	38	1.9	0.0
09/09/2023 08:30	1.2	196	35	2.4	0.0
09/09/2023 08:40	1.2	189	29	2.0	0.0
09/09/2023 08:50	1.3	185	68	2.1	0.0
09/09/2023 09:00	1.5	160	28	2.8	0.0
09/09/2023 09:10	1.2	172	42	2.2	0.0
09/09/2023 09:20	1.1	134	53	2.0	0.0
09/09/2023 09:30	1.2	89	30	2.4	0.0
09/09/2023 09:40	1.5	100	36	2.5	0.0
09/09/2023 09:50	1.6	115	30	2.6	0.0
09/09/2023 10:00	1.4	127	34	2.4	0.0
09/09/2023 10:10	1.6	136	28	2.8	0.0
09/09/2023 10:20	1.6	124	34	2.7	0.0
09/09/2023 10:30	2.0	130	26	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 10:40	1.9	125	30	3.2	0.0
09/09/2023 10:50	1.7	118	35	3.0	0.0
09/09/2023 11:00	1.9	90	29	3.2	0.0
09/09/2023 11:10	2.1	99	30	3.4	0.0
09/09/2023 11:20	2.2	91	32	3.8	0.0
09/09/2023 11:30	2.4	76	25	3.8	0.0
09/09/2023 11:40	2.5	91	26	4.1	0.0
09/09/2023 11:50	2.3	63	24	4.0	0.0
09/09/2023 12:00	2.2	78	21	3.9	0.0
09/09/2023 12:10	2.5	80	25	4.6	0.0
09/09/2023 12:20	2.5	61	25	3.9	0.0
09/09/2023 12:30	2.3	56	30	3.6	0.0
09/09/2023 12:40	2.3	71	33	3.5	0.0
09/09/2023 12:50	2.6	52	28	4.0	0.0
09/09/2023 13:00	2.4	57	36	4.0	0.0
09/09/2023 13:10	2.6	69	30	4.8	0.0
09/09/2023 13:20	2.6	65	29	4.2	0.0
09/09/2023 13:30	2.6	68	22	4.1	0.0
09/09/2023 13:40	2.3	66	26	3.5	0.0
09/09/2023 13:50	2.1	65	27	3.7	0.0
09/09/2023 14:00	2.6	57	28	4.4	0.0
09/09/2023 14:10	2.4	53	25	4.6	0.0
09/09/2023 14:20	2.7	36	32	5.2	0.0
09/09/2023 14:30	2.9	34	26	5.4	0.0
09/09/2023 14:40	2.7	13	36	5.1	0.0
09/09/2023 14:50	3.0	183	30	5.0	0.0
09/09/2023 15:00	2.5	162	26	3.7	0.0
09/09/2023 15:10	2.4	335	33	4.2	0.0
09/09/2023 15:20	2.2	172	32	3.9	0.0
09/09/2023 15:30	2.5	339	28	4.4	0.0
09/09/2023 15:40	2.4	342	33	4.1	0.0
09/09/2023 15:50	2.2	351	35	3.4	0.0
09/09/2023 16:00	2.5	328	25	3.7	0.0
09/09/2023 16:10	2.0	179	34	3.5	0.0
09/09/2023 16:20	2.4	338	26	4.2	0.0
09/09/2023 16:30	2.0	176	29	3.5	0.0
09/09/2023 16:40	2.2	330	28	3.6	0.0
09/09/2023 16:50	2.0	321	33	3.5	0.0
09/09/2023 17:00	1.8	336	35	3.2	0.0
09/09/2023 17:10	1.5	160	41	2.7	0.0
09/09/2023 17:20	1.7	307	40	3.1	0.0
09/09/2023 17:30	1.4	277	59	2.4	0.0
09/09/2023 17:40	0.9	305	59	1.7	0.0
09/09/2023 17:50	1.3	266	42	2.2	0.0
09/09/2023 18:00	0.9	308	55	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/09/2023 18:10	1.1	336	40	2.1	0.0
09/09/2023 18:20	0.8	299	51	1.6	0.0
09/09/2023 18:30	1.0	250	32	1.8	0.0
09/09/2023 18:40	0.9	247	25	1.5	0.0
09/09/2023 18:50	0.5	239	47	1.1	0.0
09/09/2023 19:00	1.0	250	17	1.7	0.0
09/09/2023 19:10	1.8	249	10	2.4	0.0
09/09/2023 19:20	2.2	242	13	3.1	0.0
09/09/2023 19:30	2.1	252	10	2.8	0.0
09/09/2023 19:40	1.7	243	13	2.3	0.0
09/09/2023 19:50	1.7	241	12	2.3	0.0
09/09/2023 20:00	1.7	249	12	2.4	0.0
09/09/2023 20:10	1.7	253	12	2.2	0.0
09/09/2023 20:20	1.6	252	14	2.3	0.0
09/09/2023 20:30	1.8	257	13	2.5	0.0
09/09/2023 20:40	1.9	261	14	2.5	0.0
09/09/2023 20:50	1.6	255	15	2.6	0.0
09/09/2023 21:00	1.9	260	14	2.7	0.0
09/09/2023 21:10	1.7	259	14	2.3	0.0
09/09/2023 21:20	1.6	251	17	2.5	0.0
09/09/2023 21:30	1.8	264	15	2.6	0.0
09/09/2023 21:40	1.5	263	13	2.2	0.0
09/09/2023 21:50	1.7	259	12	2.4	0.0
09/09/2023 22:00	1.4	261	15	2.2	0.0
09/09/2023 22:10	1.6	254	15	2.3	0.0
09/09/2023 22:20	2.0	261	15	2.6	0.0
09/09/2023 22:30	2.0	269	17	2.9	0.0
09/09/2023 22:40	2.1	263	15	2.8	0.0
09/09/2023 22:50	2.0	262	16	2.8	0.0
09/09/2023 23:00	1.7	261	15	2.5	0.0
09/09/2023 23:10	1.6	254	14	2.5	0.0
09/09/2023 23:20	1.8	263	15	2.7	0.0
09/09/2023 23:30	1.9	270	14	2.8	0.0
09/09/2023 23:40	1.9	264	15	2.7	0.0
09/09/2023 23:50	1.9	269	14	2.7	0.0
10/09/2023 00:00	2.1	263	16	2.8	0.0
10/09/2023 00:10	1.9	265	15	2.5	0.0
10/09/2023 00:20	2.0	263	14	2.8	0.0
10/09/2023 00:30	1.5	254	19	2.6	0.0
10/09/2023 00:40	1.5	272	26	2.5	0.0
10/09/2023 00:50	1.7	256	14	2.1	0.0
10/09/2023 01:00	1.7	260	12	2.1	0.0
10/09/2023 01:10	1.3	262	16	1.8	0.0
10/09/2023 01:20	0.8	273	22	1.3	0.0
10/09/2023 01:30	1.0	326	14	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 01:40	0.5	319	21	0.9	0.0
10/09/2023 01:50	0.5	347	13	1.1	0.0
10/09/2023 02:00	1.0	328	10	1.6	0.0
10/09/2023 02:10	1.3	316	10	1.6	0.0
10/09/2023 02:20	0.5	248	28	1.2	0.0
10/09/2023 02:30	0.3	34	43	0.9	0.0
10/09/2023 02:40	0.5	230	31	1.0	0.0
10/09/2023 02:50	0.1	217	4	0.5	0.0
10/09/2023 03:00	0.1	36	9	0.6	0.0
10/09/2023 03:10	0.3	283	10	0.9	0.0
10/09/2023 03:20	1.1	251	20	1.6	0.0
10/09/2023 03:30	1.6	252	13	2.4	0.0
10/09/2023 03:40	1.1	254	18	1.6	0.0
10/09/2023 03:50	0.5	146	34	1.2	0.0
10/09/2023 04:00	0.5	261	24	1.2	0.0
10/09/2023 04:10	1.4	263	19	2.3	0.0
10/09/2023 04:20	1.2	273	23	2.0	0.0
10/09/2023 04:30	1.4	259	18	2.0	0.0
10/09/2023 04:40	2.0	253	15	3.0	0.0
10/09/2023 04:50	1.8	258	14	2.3	0.0
10/09/2023 05:00	1.7	252	22	2.8	0.0
10/09/2023 05:10	1.7	254	13	2.3	0.0
10/09/2023 05:20	1.7	249	13	2.4	0.0
10/09/2023 05:30	2.3	265	15	3.1	0.0
10/09/2023 05:40	2.3	261	16	3.2	0.0
10/09/2023 05:50	2.4	259	14	3.5	0.0
10/09/2023 06:00	1.9	255	14	2.7	0.0
10/09/2023 06:10	2.7	235	14	3.8	0.0
10/09/2023 06:20	2.4	245	15	3.7	0.0
10/09/2023 06:30	1.9	254	17	3.0	0.0
10/09/2023 06:40	1.7	251	21	2.6	0.0
10/09/2023 06:50	1.8	255	16	2.4	0.0
10/09/2023 07:00	2.1	263	15	3.1	0.0
10/09/2023 07:10	2.4	260	19	3.2	0.0
10/09/2023 07:20	2.2	264	19	3.3	0.0
10/09/2023 07:30	2.4	269	18	3.6	0.0
10/09/2023 07:40	2.0	258	20	2.8	0.0
10/09/2023 07:50	2.0	248	19	2.9	0.0
10/09/2023 08:00	1.9	253	14	2.7	0.0
10/09/2023 08:10	1.9	255	16	2.7	0.0
10/09/2023 08:20	1.6	246	26	2.4	0.0
10/09/2023 08:30	1.3	237	27	1.9	0.0
10/09/2023 08:40	1.7	246	21	2.3	0.0
10/09/2023 08:50	1.7	249	29	2.5	0.0
10/09/2023 09:00	2.0	258	20	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 09:10	2.4	249	21	3.2	0.0
10/09/2023 09:20	2.1	259	20	2.8	0.0
10/09/2023 09:30	2.4	241	24	3.8	0.0
10/09/2023 09:40	2.7	244	19	4.2	0.0
10/09/2023 09:50	2.8	246	20	4.0	0.0
10/09/2023 10:00	2.3	237	26	4.1	0.0
10/09/2023 10:10	2.6	231	22	3.6	0.0
10/09/2023 10:20	2.4	236	28	3.7	0.0
10/09/2023 10:30	2.6	242	27	4.4	0.0
10/09/2023 10:40	2.4	235	28	4.0	0.0
10/09/2023 10:50	2.8	223	31	4.6	0.0
10/09/2023 11:00	3.4	226	23	5.0	0.0
10/09/2023 11:10	3.2	259	19	5.0	0.0
10/09/2023 11:20	3.0	251	25	4.7	0.0
10/09/2023 11:30	3.0	252	23	4.4	0.0
10/09/2023 11:40	3.0	265	19	4.4	0.0
10/09/2023 11:50	3.2	260	16	4.3	0.0
10/09/2023 12:00	3.0	254	17	4.2	0.0
10/09/2023 12:10	2.7	270	21	4.1	0.0
10/09/2023 12:20	2.4	263	21	3.6	0.0
10/09/2023 12:30	2.2	266	23	3.2	0.0
10/09/2023 12:40	2.1	265	32	3.9	0.0
10/09/2023 12:50	1.7	265	54	3.5	0.0
10/09/2023 13:00	1.8	248	49	3.6	0.0
10/09/2023 13:10	2.0	262	32	3.2	0.0
10/09/2023 13:20	2.4	245	29	3.7	0.0
10/09/2023 13:30	1.8	239	43	3.5	0.0
10/09/2023 13:40	1.9	292	50	3.3	0.0
10/09/2023 13:50	2.1	344	44	4.2	0.0
10/09/2023 14:00	1.8	328	32	3.2	0.0
10/09/2023 14:10	2.0	322	30	3.6	0.0
10/09/2023 14:20	2.2	336	25	3.5	0.0
10/09/2023 14:30	3.2	13	27	4.6	0.0
10/09/2023 14:40	3.0	182	34	4.7	0.0
10/09/2023 14:50	3.0	354	28	4.4	0.0
10/09/2023 15:00	2.9	189	32	5.3	0.0
10/09/2023 15:10	3.0	189	31	5.0	0.0
10/09/2023 15:20	3.0	19	29	5.2	0.0
10/09/2023 15:30	2.8	184	31	4.8	0.0
10/09/2023 15:40	3.3	333	26	5.1	0.0
10/09/2023 15:50	2.9	15	34	5.4	0.0
10/09/2023 16:00	2.4	6	40	4.0	0.0
10/09/2023 16:10	2.5	173	29	4.8	0.0
10/09/2023 16:20	2.1	177	37	3.7	0.0
10/09/2023 16:30	2.3	172	33	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 16:40	2.4	168	30	4.2	0.0
10/09/2023 16:50	2.4	342	30	4.1	0.0
10/09/2023 17:00	1.9	328	47	3.5	0.0
10/09/2023 17:10	2.0	331	45	3.9	0.0
10/09/2023 17:20	2.5	329	28	4.2	0.0
10/09/2023 17:30	2.6	333	23	4.2	0.0
10/09/2023 17:40	2.6	331	29	4.0	0.0
10/09/2023 17:50	2.5	335	24	4.0	0.0
10/09/2023 18:00	2.5	335	26	3.6	0.0
10/09/2023 18:10	2.5	331	23	3.6	0.0
10/09/2023 18:20	2.0	338	24	3.2	0.0
10/09/2023 18:30	2.1	332	27	3.9	0.0
10/09/2023 18:40	2.3	323	24	3.6	0.0
10/09/2023 18:50	2.2	321	24	3.7	0.0
10/09/2023 19:00	1.4	239	50	2.4	0.0
10/09/2023 19:10	1.1	190	61	2.2	0.0
10/09/2023 19:20	0.5	191	29	1.3	0.0
10/09/2023 19:30	0.7	240	46	1.6	0.0
10/09/2023 19:40	0.8	216	29	1.6	0.0
10/09/2023 19:50	0.5	230	31	1.3	0.0
10/09/2023 20:00	0.9	257	23	1.6	0.0
10/09/2023 20:10	0.5	281	37	1.3	0.0
10/09/2023 20:20	1.5	250	13	2.1	0.0
10/09/2023 20:30	1.2	229	19	2.0	0.0
10/09/2023 20:40	1.7	246	11	2.4	0.0
10/09/2023 20:50	1.6	250	13	2.0	0.0
10/09/2023 21:00	1.7	246	13	2.2	0.0
10/09/2023 21:10	2.1	245	12	3.1	0.0
10/09/2023 21:20	2.0	253	13	2.8	0.0
10/09/2023 21:30	2.1	244	14	2.9	0.0
10/09/2023 21:40	1.2	239	20	1.8	0.0
10/09/2023 21:50	1.4	258	14	2.2	0.0
10/09/2023 22:00	1.6	252	17	2.2	0.0
10/09/2023 22:10	1.4	249	15	1.9	0.0
10/09/2023 22:20	1.6	253	11	2.2	0.0
10/09/2023 22:30	1.9	252	14	2.6	0.0
10/09/2023 22:40	2.0	252	14	2.7	0.0
10/09/2023 22:50	2.3	255	12	3.3	0.0
10/09/2023 23:00	2.1	253	15	3.2	0.0
10/09/2023 23:10	2.2	253	14	3.1	0.0
10/09/2023 23:20	2.1	250	16	2.9	0.0
10/09/2023 23:30	2.1	255	15	2.9	0.0
10/09/2023 23:40	2.0	258	16	2.8	0.0
10/09/2023 23:50	2.2	255	15	3.0	0.0
11/09/2023 00:00	2.2	256	14	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 00:10	2.2	254	16	2.8	0.0
11/09/2023 00:20	2.3	252	14	3.3	0.0
11/09/2023 00:30	2.4	252	16	3.4	0.0
11/09/2023 00:40	2.3	254	13	3.4	0.0
11/09/2023 00:50	2.1	252	14	2.8	0.0
11/09/2023 01:00	2.2	251	14	3.2	0.0
11/09/2023 01:10	2.5	255	13	3.6	0.0
11/09/2023 01:20	2.4	254	15	3.6	0.0
11/09/2023 01:30	2.2	257	15	3.2	0.0
11/09/2023 01:40	2.3	260	16	3.3	0.0
11/09/2023 01:50	2.0	260	17	3.1	0.0
11/09/2023 02:00	1.6	259	16	2.2	0.0
11/09/2023 02:10	1.9	255	16	3.0	0.0
11/09/2023 02:20	1.8	260	13	2.4	0.0
11/09/2023 02:30	2.1	262	14	2.8	0.0
11/09/2023 02:40	2.2	265	17	3.0	0.0
11/09/2023 02:50	2.2	260	15	3.3	0.0
11/09/2023 03:00	2.4	264	15	3.2	0.0
11/09/2023 03:10	2.4	268	16	3.6	0.0
11/09/2023 03:20	2.0	259	18	2.8	0.0
11/09/2023 03:30	1.8	262	17	2.8	0.0
11/09/2023 03:40	1.8	258	21	2.8	0.0
11/09/2023 03:50	1.4	253	26	2.4	0.0
11/09/2023 04:00	1.6	273	17	2.5	0.0
11/09/2023 04:10	1.7	270	21	2.6	0.0
11/09/2023 04:20	0.9	268	38	1.6	0.0
11/09/2023 04:30	0.8	238	19	1.5	0.0
11/09/2023 04:40	1.3	256	15	1.8	0.0
11/09/2023 04:50	0.9	263	14	1.6	0.0
11/09/2023 05:00	0.4	182	11	1.1	0.0
11/09/2023 05:10	0.7	244	10	1.2	0.0
11/09/2023 05:20					0.0
11/09/2023 05:30	1.0	268	14	1.7	0.0
11/09/2023 05:40	1.5	258	14	2.1	0.0
11/09/2023 05:50	0.8	241	17	1.8	0.0
11/09/2023 06:00	0.2	346	7	0.8	0.0
11/09/2023 06:10	1.2	344	13	1.7	0.0
11/09/2023 06:20	0.4	232	29	1.0	0.0
11/09/2023 06:30	0.5	134	38	1.2	0.0
11/09/2023 06:40	0.5	141	23	1.2	0.0
11/09/2023 06:50	0.7	196	23	1.2	0.0
11/09/2023 07:00	0.6	321	19	1.2	0.0
11/09/2023 07:10	1.2	273	23	2.0	0.0
11/09/2023 07:20	1.5	263	24	2.4	0.0
11/09/2023 07:30	1.6	243	20	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 07:40	1.5	247	21	2.3	0.0
11/09/2023 07:50	1.0	161	31	1.6	0.0
11/09/2023 08:00	1.3	93	27	2.3	0.0
11/09/2023 08:10	1.7	99	25	2.6	0.0
11/09/2023 08:20	1.6	130	29	2.8	0.0
11/09/2023 08:30	1.6	137	26	2.6	0.0
11/09/2023 08:40	1.7	113	26	2.5	0.0
11/09/2023 08:50	1.1	121	37	2.0	0.0
11/09/2023 09:00	1.1	102	28	1.6	0.0
11/09/2023 09:10	1.4	110	29	2.4	0.0
11/09/2023 09:20	1.8	105	33	2.8	0.0
11/09/2023 09:30	1.5	104	32	2.6	0.0
11/09/2023 09:40	1.8	101	27	2.7	0.0
11/09/2023 09:50	1.6	102	28	3.2	0.0
11/09/2023 10:00	1.8	100	38	2.8	0.0
11/09/2023 10:10	2.0	79	30	3.6	0.0
11/09/2023 10:20	1.6	74	34	3.0	0.0
11/09/2023 10:30	1.9	83	31	3.5	0.0
11/09/2023 10:40	2.0	69	25	3.4	0.0
11/09/2023 10:50	1.1	105	42	2.1	0.0
11/09/2023 11:00	1.5	105	30	2.3	0.0
11/09/2023 11:10	1.5	91	31	2.4	0.0
11/09/2023 11:20	1.8	80	36	3.0	0.0
11/09/2023 11:30	1.9	44	28	2.7	0.0
11/09/2023 11:40	1.5	66	36	2.8	0.0
11/09/2023 11:50	1.5	146	48	3.1	0.0
11/09/2023 12:00	1.7	91	32	3.3	0.0
11/09/2023 12:10	1.7	94	36	3.0	0.0
11/09/2023 12:20	1.4	91	41	2.8	0.0
11/09/2023 12:30	1.3	104	47	2.7	0.0
11/09/2023 12:40	1.2	108	84	2.3	0.0
11/09/2023 12:50	1.3	200	71	2.1	0.0
11/09/2023 13:00	1.5	48	42	2.9	0.0
11/09/2023 13:10	2.4	339	28	3.9	0.0
11/09/2023 13:20	2.5	320	29	3.8	0.0
11/09/2023 13:30	2.6	324	26	4.5	0.0
11/09/2023 13:40	2.7	339	25	4.4	0.0
11/09/2023 13:50	2.5	330	28	4.1	0.0
11/09/2023 14:00	2.7	339	29	3.9	0.0
11/09/2023 14:10	2.6	329	22	4.4	0.0
11/09/2023 14:20	3.1	325	23	4.6	0.0
11/09/2023 14:30	2.6	332	29	3.9	0.0
11/09/2023 14:40	3.2	334	26	4.9	0.0
11/09/2023 14:50	2.9	328	23	4.5	0.0
11/09/2023 15:00	3.0	169	27	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 15:10	2.5	341	27	4.2	0.0
11/09/2023 15:20	2.7	323	26	4.0	0.0
11/09/2023 15:30	2.9	319	25	4.4	0.0
11/09/2023 15:40	2.1	308	36	4.2	0.0
11/09/2023 15:50	2.7	323	26	4.4	0.0
11/09/2023 16:00	2.7	318	26	4.4	0.0
11/09/2023 16:10	2.1	307	42	3.9	0.0
11/09/2023 16:20	2.1	313	35	3.5	0.0
11/09/2023 16:30	2.5	329	26	3.9	0.0
11/09/2023 16:40	2.0	289	37	3.6	0.0
11/09/2023 16:50	2.1	291	37	4.0	0.0
11/09/2023 17:00	2.0	302	32	3.5	0.0
11/09/2023 17:10	1.8	284	35	2.9	0.0
11/09/2023 17:20	1.8	265	33	3.1	0.0
11/09/2023 17:30	1.7	252	20	2.6	0.0
11/09/2023 17:40	1.9	239	16	2.8	0.0
11/09/2023 17:50	1.8	251	16	3.0	0.0
11/09/2023 18:00	1.9	246	13	2.5	0.0
11/09/2023 18:10	1.4	285	38	2.4	0.0
11/09/2023 18:20	2.0	236	17	3.0	0.0
11/09/2023 18:30	2.5	245	17	3.8	0.0
11/09/2023 18:40	2.9	256	14	4.0	0.0
11/09/2023 18:50	3.3	252	15	4.4	0.0
11/09/2023 19:00	2.8	249	13	4.0	0.0
11/09/2023 19:10	2.7	249	12	3.7	0.0
11/09/2023 19:20	3.0	254	13	4.3	0.0
11/09/2023 19:30	3.3	257	14	4.5	0.0
11/09/2023 19:40	3.0	260	13	4.4	0.0
11/09/2023 19:50	2.3	260	17	3.4	0.0
11/09/2023 20:00	2.0	249	17	2.8	0.0
11/09/2023 20:10	2.4	255	14	3.6	0.0
11/09/2023 20:20	1.3	267	33	2.2	0.0
11/09/2023 20:30	1.0	230	26	2.0	0.0
11/09/2023 20:40	1.2	257	11	1.6	0.0
11/09/2023 20:50	1.2	258	12	1.8	0.0
11/09/2023 21:00	1.3	259	12	1.9	0.0
11/09/2023 21:10	1.3	256	14	2.0	0.0
11/09/2023 21:20	1.8	255	14	2.5	0.0
11/09/2023 21:30	1.7	253	14	2.4	0.0
11/09/2023 21:40	1.7	268	16	2.4	0.0
11/09/2023 21:50	1.6	263	13	2.4	0.0
11/09/2023 22:00	1.6	273	17	2.4	0.0
11/09/2023 22:10	1.9	264	14	3.0	0.0
11/09/2023 22:20	2.2	268	15	3.2	0.0
11/09/2023 22:30	2.5	263	15	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 22:40	2.7	265	14	3.6	0.0
11/09/2023 22:50	2.6	262	15	4.0	0.0
11/09/2023 23:00	2.8	267	12	3.6	0.0
11/09/2023 23:10	2.7	262	16	3.7	0.0
11/09/2023 23:20	2.6	265	17	3.6	0.0
11/09/2023 23:30	2.1	265	15	2.8	0.0
11/09/2023 23:40	2.5	262	14	3.5	0.0
11/09/2023 23:50	2.5	260	17	3.5	0.0
12/09/2023 00:00	2.6	270	19	3.7	0.0
12/09/2023 00:10	2.3	262	20	3.3	0.0
12/09/2023 00:20	2.9	266	16	4.0	0.0
12/09/2023 00:30	2.0	253	18	3.2	0.0
12/09/2023 00:40	3.0	262	14	4.2	0.0
12/09/2023 00:50	2.6	266	16	3.6	0.0
12/09/2023 01:00	2.5	260	17	3.8	0.0
12/09/2023 01:10	2.2	253	20	3.3	0.0
12/09/2023 01:20	2.5	264	16	3.6	0.0
12/09/2023 01:30	2.5	250	18	3.7	0.0
12/09/2023 01:40	3.2	253	18	4.8	0.0
12/09/2023 01:50	2.6	254	17	4.1	0.0
12/09/2023 02:00	2.5	251	20	3.7	0.0
12/09/2023 02:10	2.5	246	17	3.7	0.0
12/09/2023 02:20	2.3	251	19	3.6	0.0
12/09/2023 02:30	2.2	239	21	3.6	0.0
12/09/2023 02:40	2.1	235	28	3.5	0.0
12/09/2023 02:50	2.2	259	19	3.6	0.0
12/09/2023 03:00	1.7	244	31	3.0	0.0
12/09/2023 03:10	1.5	207	40	3.4	0.0
12/09/2023 03:20	1.8	214	35	3.7	0.0
12/09/2023 03:30	1.9	204	29	4.0	0.0
12/09/2023 03:40	2.2	223	27	3.7	0.0
12/09/2023 03:50	2.1	220	25	4.0	0.0
12/09/2023 04:00	2.1	214	23	3.2	0.0
12/09/2023 04:10	2.3	215	33	3.9	0.0
12/09/2023 04:20	2.2	204	31	3.7	0.0
12/09/2023 04:30	1.9	230	28	3.4	0.0
12/09/2023 04:40	1.8	230	33	2.8	0.0
12/09/2023 04:50	1.6	233	27	3.1	0.0
12/09/2023 05:00	2.5	210	27	4.0	0.0
12/09/2023 05:10	1.9	218	32	4.7	0.0
12/09/2023 05:20	1.9	218	29	4.0	0.0
12/09/2023 05:30	2.0	203	22	3.2	0.0
12/09/2023 05:40	1.3	180	31	2.8	0.0
12/09/2023 05:50	1.3	149	38	2.1	0.0
12/09/2023 06:00	1.3	155	36	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 06:10	1.1	189	45	2.4	0.0
12/09/2023 06:20	1.0	160	44	1.8	0.0
12/09/2023 06:30	1.2	164	35	2.9	0.0
12/09/2023 06:40	1.2	166	32	2.5	0.0
12/09/2023 06:50	1.2	149	33	2.9	0.0
12/09/2023 07:00	1.0	124	29	1.7	0.0
12/09/2023 07:10	0.8	131	37	1.6	0.0
12/09/2023 07:20	0.9	130	31	1.6	0.0
12/09/2023 07:30	1.1	134	28	2.1	0.0
12/09/2023 07:40	1.2	133	28	2.3	0.0
12/09/2023 07:50	1.2	132	28	2.4	0.0
12/09/2023 08:00	1.2	118	34	2.0	0.0
12/09/2023 08:10	1.1	128	33	1.6	0.0
12/09/2023 08:20	1.1	129	33	1.8	0.0
12/09/2023 08:30	1.1	125	33	1.9	0.0
12/09/2023 08:40	1.4	120	32	2.4	0.0
12/09/2023 08:50	1.2	125	34	2.0	0.0
12/09/2023 09:00	1.7	107	28	2.7	0.0
12/09/2023 09:10	1.7	108	26	2.5	0.0
12/09/2023 09:20	1.8	125	32	2.9	0.0
12/09/2023 09:30	1.5	108	35	2.5	0.0
12/09/2023 09:40	1.8	111	28	3.1	0.0
12/09/2023 09:50	1.7	104	28	2.8	0.0
12/09/2023 10:00	1.7	86	30	2.7	0.0
12/09/2023 10:10	1.9	65	30	3.2	0.0
12/09/2023 10:20	1.8	72	26	3.7	0.0
12/09/2023 10:30	1.9	67	24	3.0	0.0
12/09/2023 10:40	2.2	58	23	3.3	0.0
12/09/2023 10:50	2.7	58	25	4.0	0.0
12/09/2023 11:00	3.1	53	24	4.9	0.0
12/09/2023 11:10	3.2	57	20	5.2	0.0
12/09/2023 11:20	3.1	64	22	4.9	0.0
12/09/2023 11:30	2.9	63	23	4.5	0.0
12/09/2023 11:40	2.8	61	25	4.7	0.0
12/09/2023 11:50	3.1	67	25	5.1	0.0
12/09/2023 12:00	3.2	72	21	5.0	0.0
12/09/2023 12:10	3.0	65	25	5.5	0.0
12/09/2023 12:20	3.0	62	24	4.9	0.0
12/09/2023 12:30	2.7	64	26	4.5	0.0
12/09/2023 12:40	2.9	62	23	4.4	0.0
12/09/2023 12:50	2.9	67	24	4.1	0.0
12/09/2023 13:00	3.0	67	23	4.3	0.0
12/09/2023 13:10	3.3	71	22	5.2	0.0
12/09/2023 13:20	3.3	71	23	5.2	0.0
12/09/2023 13:30	2.8	57	27	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 13:40	3.3	59	23	5.8	0.0
12/09/2023 13:50	3.2	59	20	5.0	0.0
12/09/2023 14:00	2.9	68	24	4.3	0.0
12/09/2023 14:10	2.6	58	21	4.0	0.0
12/09/2023 14:20	3.3	47	23	5.0	0.0
12/09/2023 14:30	3.1	63	20	4.9	0.0
12/09/2023 14:40	3.3	56	19	5.1	0.0
12/09/2023 14:50	2.7	56	24	4.3	0.0
12/09/2023 15:00	2.8	70	22	4.4	0.0
12/09/2023 15:10	2.8	69	23	5.3	0.0
12/09/2023 15:20	2.5	68	26	3.7	0.0
12/09/2023 15:30	2.5	70	22	4.0	0.0
12/09/2023 15:40	2.5	62	24	4.0	0.0
12/09/2023 15:50	2.4	62	23	3.5	0.0
12/09/2023 16:00	2.3	66	20	3.4	0.0
12/09/2023 16:10	2.3	69	24	3.2	0.0
12/09/2023 16:20	2.1	61	24	3.2	0.0
12/09/2023 16:30	2.2	61	20	3.1	0.0
12/09/2023 16:40	2.2	55	23	3.5	0.0
12/09/2023 16:50	2.0	66	20	3.5	0.0
12/09/2023 17:00	2.1	54	21	2.9	0.0
12/09/2023 17:10	2.0	58	18	3.3	0.0
12/09/2023 17:20	2.1	56	21	3.5	0.0
12/09/2023 17:30	1.8	60	17	2.7	0.0
12/09/2023 17:40	1.4	61	18	2.3	0.0
12/09/2023 17:50	1.1	62	20	1.6	0.0
12/09/2023 18:00	0.5	159	15	1.4	0.0
12/09/2023 18:10	0.5	243	13	1.1	0.0
12/09/2023 18:20	1.1	280	42	2.2	0.0
12/09/2023 18:30	1.4	314	43	2.4	0.0
12/09/2023 18:40	1.4	289	45	2.0	0.0
12/09/2023 18:50	1.3	282	44	2.6	0.0
12/09/2023 19:00	2.1	300	38	4.0	0.0
12/09/2023 19:10	2.9	324	21	4.5	0.0
12/09/2023 19:20	2.3	307	28	3.8	0.0
12/09/2023 19:30	2.0	281	33	3.1	0.0
12/09/2023 19:40	3.0	258	13	4.5	0.0
12/09/2023 19:50	2.9	250	13	4.0	0.0
12/09/2023 20:00	3.0	251	14	4.0	0.0
12/09/2023 20:10	2.7	254	13	3.8	0.0
12/09/2023 20:20	2.7	253	16	4.0	0.0
12/09/2023 20:30	2.3	256	16	3.4	0.0
12/09/2023 20:40	1.7	249	17	2.6	0.0
12/09/2023 20:50	1.9	257	17	2.7	0.0
12/09/2023 21:00	1.8	253	19	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 21:10	2.0	252	15	3.2	0.0
12/09/2023 21:20	2.1	254	16	3.2	0.0
12/09/2023 21:30	2.1	251	18	3.0	0.0
12/09/2023 21:40	2.6	247	20	3.9	0.0
12/09/2023 21:50	2.7	242	18	3.8	0.0
12/09/2023 22:00	2.2	250	18	3.2	0.0
12/09/2023 22:10	2.2	250	19	3.0	0.0
12/09/2023 22:20	2.3	255	18	3.3	0.0
12/09/2023 22:30	2.3	252	17	3.2	0.0
12/09/2023 22:40	2.6	263	13	3.6	0.0
12/09/2023 22:50	2.7	261	15	4.1	0.0
12/09/2023 23:00	2.8	261	16	4.5	0.0
12/09/2023 23:10	2.2	257	15	3.6	0.0
12/09/2023 23:20	2.7	259	15	3.5	0.0
12/09/2023 23:30	2.5	251	19	3.6	0.0
12/09/2023 23:40	2.6	242	17	3.7	0.0
12/09/2023 23:50	2.6	258	17	3.8	0.0
13/09/2023 00:00	1.9	245	19	3.0	0.0
13/09/2023 00:10	2.4	247	15	3.6	0.0
13/09/2023 00:20	2.7	255	18	4.1	0.0
13/09/2023 00:30	1.4	230	18	2.1	0.0
13/09/2023 00:40	2.5	258	15	3.3	0.0
13/09/2023 00:50	2.3	277	18	3.4	0.0
13/09/2023 01:00	2.6	263	13	3.8	0.0
13/09/2023 01:10	2.9	264	17	4.3	0.0
13/09/2023 01:20	2.2	268	18	3.4	0.0
13/09/2023 01:30	2.0	250	21	3.2	0.0
13/09/2023 01:40	2.2	266	18	3.1	0.0
13/09/2023 01:50	2.5	245	17	4.1	0.0
13/09/2023 02:00	2.3	264	19	3.2	0.0
13/09/2023 02:10	1.7	251	17	2.8	0.0
13/09/2023 02:20	2.0	275	23	2.9	0.0
13/09/2023 02:30	0.7	238	63	2.0	0.0
13/09/2023 02:40	2.1	271	16	3.2	0.0
13/09/2023 02:50	1.1	323	72	2.0	0.0
13/09/2023 03:00	1.6	259	18	2.9	0.0
13/09/2023 03:10	2.1	255	16	3.2	0.0
13/09/2023 03:20	2.1	279	18	3.3	0.0
13/09/2023 03:30	2.2	270	19	3.2	0.0
13/09/2023 03:40	1.2	255	19	2.2	0.0
13/09/2023 03:50	2.3	266	15	3.6	0.0
13/09/2023 04:00	1.8	260	22	3.3	0.0
13/09/2023 04:10	2.3	265	17	3.5	0.0
13/09/2023 04:20	1.9	269	19	2.9	0.0
13/09/2023 04:30	1.8	296	19	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 04:40	2.4	294	18	3.2	0.0
13/09/2023 04:50	1.7	293	23	2.8	0.0
13/09/2023 05:00	1.8	293	17	2.8	0.0
13/09/2023 05:10	2.7	285	18	3.7	0.0
13/09/2023 05:20	1.8	280	22	2.8	0.0
13/09/2023 05:30	2.5	261	15	4.1	0.0
13/09/2023 05:40	1.8	214	57	2.9	0.0
13/09/2023 05:50	1.7	282	25	2.8	0.0
13/09/2023 06:00	2.4	293	20	3.7	0.0
13/09/2023 06:10	2.4	279	20	3.5	0.0
13/09/2023 06:20	3.1	272	15	4.3	0.0
13/09/2023 06:30	1.2	239	36	2.3	0.0
13/09/2023 06:40	1.7	224	46	2.9	0.0
13/09/2023 06:50	1.0	180	41	2.0	0.0
13/09/2023 07:00	1.6	219	30	2.7	0.0
13/09/2023 07:10	0.7	105	31	1.2	0.0
13/09/2023 07:20	1.0	107	30	2.0	0.0
13/09/2023 07:30	1.1	350	53	1.6	0.0
13/09/2023 07:40	1.2	85	22	1.9	0.0
13/09/2023 07:50	1.2	97	28	2.0	0.0
13/09/2023 08:00	2.2	75	24	3.9	0.0
13/09/2023 08:10	1.5	68	27	2.4	0.0
13/09/2023 08:20	1.4	60	25	2.6	0.0
13/09/2023 08:30	1.9	64	28	3.1	0.0
13/09/2023 08:40	1.4	61	33	2.2	0.0
13/09/2023 08:50	1.5	68	28	2.8	0.0
13/09/2023 09:00	1.4	65	26	2.2	0.0
13/09/2023 09:10	1.2	33	45	2.0	0.0
13/09/2023 09:20	0.9	290	52	1.8	0.0
13/09/2023 09:30	1.0	35	47	2.4	0.0
13/09/2023 09:40	1.1	27	43	2.0	0.0
13/09/2023 09:50	1.4	177	49	3.2	0.0
13/09/2023 10:00	1.6	305	38	2.8	0.0
13/09/2023 10:10	1.3	249	60	2.2	0.0
13/09/2023 10:20	2.0	232	48	3.8	0.0
13/09/2023 10:30	2.6	245	24	3.6	0.0
13/09/2023 10:40	2.9	242	20	4.3	0.0
13/09/2023 10:50	2.2	242	25	3.5	0.0
13/09/2023 11:00	1.0	84	72	1.7	0.0
13/09/2023 11:10	1.6	92	35	3.2	0.0
13/09/2023 11:20	1.4	58	46	2.7	0.0
13/09/2023 11:30	2.0	80	28	3.3	0.0
13/09/2023 11:40	1.6	78	35	3.0	0.0
13/09/2023 11:50	1.3	43	39	2.7	0.0
13/09/2023 12:00	1.9	335	44	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 12:10	2.0	323	35	3.2	0.0
13/09/2023 12:20	2.1	318	37	3.3	0.0
13/09/2023 12:30	2.3	312	38	3.6	0.0
13/09/2023 12:40	2.2	297	39	3.9	0.0
13/09/2023 12:50	2.2	272	36	3.7	0.0
13/09/2023 13:00	2.5	271	36	4.0	0.0
13/09/2023 13:10	2.4	293	37	3.7	0.0
13/09/2023 13:20	2.4	304	44	4.0	0.0
13/09/2023 13:30	2.5	305	36	4.7	0.0
13/09/2023 13:40	3.4	252	23	5.3	0.0
13/09/2023 13:50	4.2	242	17	6.1	0.0
13/09/2023 14:00	4.6	244	17	6.8	0.0
13/09/2023 14:10	4.6	239	19	6.7	0.0
13/09/2023 14:20	4.9	236	17	6.8	0.0
13/09/2023 14:30	5.1	239	16	7.5	0.0
13/09/2023 14:40	4.5	241	17	6.6	0.0
13/09/2023 14:50	4.6	245	15	6.4	0.0
13/09/2023 15:00	5.2	244	17	7.2	0.0
13/09/2023 15:10	4.8	242	17	7.8	0.0
13/09/2023 15:20	4.3	244	18	6.4	0.0
13/09/2023 15:30	4.1	245	20	6.5	0.0
13/09/2023 15:40	3.7	252	24	5.5	0.0
13/09/2023 15:50	3.7	255	21	5.7	0.0
13/09/2023 16:00	3.8	252	24	6.3	0.0
13/09/2023 16:10	4.0	253	20	5.8	0.0
13/09/2023 16:20	3.5	255	19	5.3	0.0
13/09/2023 16:30	4.1	256	18	6.4	0.0
13/09/2023 16:40	3.7	249	22	5.6	0.0
13/09/2023 16:50	4.5	244	18	6.9	0.0
13/09/2023 17:00	4.5	247	17	6.4	0.0
13/09/2023 17:10	4.5	242	16	6.4	0.0
13/09/2023 17:20	4.5	247	15	6.0	0.0
13/09/2023 17:30	4.4	251	15	6.6	0.0
13/09/2023 17:40	5.2	248	16	7.2	0.0
13/09/2023 17:50	5.0	248	15	7.3	0.0
13/09/2023 18:00	5.0	247	16	7.8	0.0
13/09/2023 18:10	4.8	251	15	6.8	0.0
13/09/2023 18:20	5.1	248	13	6.6	0.0
13/09/2023 18:30	4.8	250	16	6.7	0.0
13/09/2023 18:40	5.0	252	15	7.1	0.0
13/09/2023 18:50	5.1	251	15	7.5	0.0
13/09/2023 19:00	5.1	252	12	7.1	0.0
13/09/2023 19:10	5.3	253	15	7.2	0.0
13/09/2023 19:20	4.5	249	17	6.4	0.0
13/09/2023 19:30	5.3	252	15	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 19:40	5.5	254	14	7.5	0.0
13/09/2023 19:50	4.6	250	16	6.9	0.0
13/09/2023 20:00	4.8	253	17	6.6	0.0
13/09/2023 20:10	4.9	252	16	6.8	0.0
13/09/2023 20:20	5.2	257	17	7.5	0.0
13/09/2023 20:30	4.9	251	15	7.2	0.0
13/09/2023 20:40	4.3	250	18	6.8	0.0
13/09/2023 20:50	5.1	249	17	7.1	0.0
13/09/2023 21:00	4.6	251	17	6.7	0.0
13/09/2023 21:10	4.1	250	16	6.0	0.0
13/09/2023 21:20	4.7	256	17	7.2	0.0
13/09/2023 21:30	4.3	255	15	6.4	0.0
13/09/2023 21:40	4.5	253	14	6.4	0.0
13/09/2023 21:50	4.4	256	18	6.5	0.0
13/09/2023 22:00	4.4	257	14	6.4	0.0
13/09/2023 22:10	4.0	254	17	6.0	0.0
13/09/2023 22:20	3.8	251	20	5.6	0.0
13/09/2023 22:30	4.0	248	20	5.7	0.0
13/09/2023 22:40	4.5	251	19	6.4	0.0
13/09/2023 22:50	3.9	249	19	5.8	0.0
13/09/2023 23:00	3.9	250	17	6.4	0.0
13/09/2023 23:10	4.5	256	16	6.3	0.0
13/09/2023 23:20	4.2	251	15	6.3	0.0
13/09/2023 23:30	4.2	244	15	6.3	0.0
13/09/2023 23:40	3.9	245	17	5.6	0.0
13/09/2023 23:50	3.8	246	17	5.4	0.0
14/09/2023 00:00	3.7	244	19	5.6	0.0
14/09/2023 00:10	4.0	243	20	6.4	0.0
14/09/2023 00:20	4.1	239	18	6.1	0.0
14/09/2023 00:30	4.2	236	16	6.0	0.0
14/09/2023 00:40	4.1	237	19	5.3	0.0
14/09/2023 00:50	4.0	235	19	6.4	0.0
14/09/2023 01:00	4.2	237	19	7.0	0.0
14/09/2023 01:10	4.1	234	16	6.3	0.0
14/09/2023 01:20	3.5	242	19	5.1	0.0
14/09/2023 01:30	3.7	240	18	5.3	0.0
14/09/2023 01:40	3.2	239	20	4.8	0.0
14/09/2023 01:50	3.5	236	17	5.3	0.0
14/09/2023 02:00	3.3	241	17	5.2	0.0
14/09/2023 02:10	3.4	235	16	5.1	0.0
14/09/2023 02:20	3.5	231	15	5.1	0.0
14/09/2023 02:30	3.5	240	16	5.0	0.0
14/09/2023 02:40	3.3	248	20	4.8	0.0
14/09/2023 02:50	3.2	244	22	5.3	0.0
14/09/2023 03:00	3.3	251	17	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 03:10	3.5	256	17	5.1	0.0
14/09/2023 03:20	3.0	249	19	4.5	0.0
14/09/2023 03:30	3.1	243	16	4.8	0.0
14/09/2023 03:40	3.0	245	19	4.5	0.0
14/09/2023 03:50	3.5	243	15	4.9	0.0
14/09/2023 04:00	3.7	237	20	5.7	0.0
14/09/2023 04:10	3.7	241	15	5.5	0.0
14/09/2023 04:20	3.3	242	16	4.8	0.0
14/09/2023 04:30	3.8	242	17	6.3	0.0
14/09/2023 04:40	3.2	228	24	5.1	0.0
14/09/2023 04:50	2.9	229	16	4.2	0.0
14/09/2023 05:00	3.3	230	18	5.3	0.0
14/09/2023 05:10	3.2	238	19	4.6	0.0
14/09/2023 05:20	3.4	241	15	4.7	0.0
14/09/2023 05:30	3.2	244	19	4.5	0.0
14/09/2023 05:40	3.3	243	17	4.9	0.0
14/09/2023 05:50	2.9	243	20	4.1	0.0
14/09/2023 06:00	2.3	245	18	3.6	0.0
14/09/2023 06:10	2.1	240	19	3.2	0.0
14/09/2023 06:20	1.7	237	18	3.1	0.0
14/09/2023 06:30	2.1	252	18	3.2	0.0
14/09/2023 06:40	2.1	254	17	3.5	0.0
14/09/2023 06:50	2.2	254	19	3.4	0.0
14/09/2023 07:00	1.9	250	20	2.9	0.0
14/09/2023 07:10	1.7	236	22	2.5	0.0
14/09/2023 07:20	2.4	250	19	3.4	0.0
14/09/2023 07:30	2.0	241	24	3.4	0.0
14/09/2023 07:40	1.6	214	25	2.6	0.0
14/09/2023 07:50	2.7	218	18	3.6	0.0
14/09/2023 08:00	2.4	210	22	3.6	0.0
14/09/2023 08:10	1.8	195	26	2.9	0.0
14/09/2023 08:20	2.1	176	30	3.6	0.0
14/09/2023 08:30	1.8	168	28	3.0	0.0
14/09/2023 08:40	1.9	188	26	3.2	0.0
14/09/2023 08:50	2.1	188	19	3.2	0.0
14/09/2023 09:00	2.2	189	19	3.4	0.0
14/09/2023 09:10	2.1	181	23	3.2	0.0
14/09/2023 09:20	1.8	173	38	3.0	0.0
14/09/2023 09:30	1.5	172	32	2.5	0.0
14/09/2023 09:40	1.4	161	44	2.4	0.0
14/09/2023 09:50	1.4	121	40	2.5	0.0
14/09/2023 10:00	1.6	159	37	2.8	0.0
14/09/2023 10:10	1.1	102	44	2.3	0.0
14/09/2023 10:20	1.4	86	45	2.4	0.0
14/09/2023 10:30	1.4	100	35	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 10:40	1.5	195	45	3.2	0.0
14/09/2023 10:50	2.2	322	29	3.6	0.0
14/09/2023 11:00	2.1	329	28	3.4	0.0
14/09/2023 11:10	2.0	290	32	3.2	0.0
14/09/2023 11:20	2.1	280	36	3.6	0.0
14/09/2023 11:30	1.5	287	44	2.8	0.0
14/09/2023 11:40	1.7	311	47	3.1	0.0
14/09/2023 11:50	1.9	313	32	3.1	0.0
14/09/2023 12:00	2.1	328	30	3.5	0.0
14/09/2023 12:10	2.6	328	22	3.8	0.0
14/09/2023 12:20	2.3	340	31	3.6	0.0
14/09/2023 12:30	2.5	328	27	4.0	0.0
14/09/2023 12:40	2.4	328	27	3.8	0.0
14/09/2023 12:50	2.8	325	24	4.1	0.0
14/09/2023 13:00	2.6	320	32	3.8	0.0
14/09/2023 13:10	2.7	324	28	4.1	0.0
14/09/2023 13:20	2.9	318	28	4.4	0.0
14/09/2023 13:30	2.8	331	31	4.1	0.0
14/09/2023 13:40	2.7	347	31	4.8	0.0
14/09/2023 13:50	2.9	330	28	5.2	0.0
14/09/2023 14:00	3.3	341	26	5.2	0.0
14/09/2023 14:10	2.8	330	31	4.7	0.0
14/09/2023 14:20	2.8	319	32	4.8	0.0
14/09/2023 14:30	2.9	317	26	4.8	0.0
14/09/2023 14:40	2.9	310	31	4.8	0.0
14/09/2023 14:50	3.0	307	37	4.7	0.0
14/09/2023 15:00	3.2	310	32	5.0	0.0
14/09/2023 15:10	2.7	287	36	4.7	0.0
14/09/2023 15:20	2.9	316	29	4.9	0.0
14/09/2023 15:30	2.7	276	36	4.4	0.0
14/09/2023 15:40	3.0	303	41	5.6	0.0
14/09/2023 15:50	2.9	289	43	5.2	0.0
14/09/2023 16:00	3.0	285	42	5.6	0.0
14/09/2023 16:10	2.5	292	37	4.8	0.0
14/09/2023 16:20	2.8	307	34	4.6	0.0
14/09/2023 16:30	2.5	296	45	4.7	0.0
14/09/2023 16:40	3.2	264	29	4.9	0.0
14/09/2023 16:50	2.5	278	36	4.0	0.0
14/09/2023 17:00	3.0	259	24	4.8	0.0
14/09/2023 17:10	2.8	270	29	4.8	0.0
14/09/2023 17:20	2.8	279	32	4.4	0.0
14/09/2023 17:30	2.0	273	34	3.6	0.0
14/09/2023 17:40	2.4	277	37	4.3	0.0
14/09/2023 17:50	2.2	280	35	3.8	0.0
14/09/2023 18:00	1.8	273	34	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 18:10	2.1	287	39	3.6	0.0
14/09/2023 18:20	2.0	276	39	4.0	0.0
14/09/2023 18:30	2.0	281	39	4.0	0.0
14/09/2023 18:40	2.5	262	26	3.8	0.0
14/09/2023 18:50	2.7	256	20	3.8	0.0
14/09/2023 19:00	2.5	258	24	3.6	0.0
14/09/2023 19:10	3.1	255	17	5.0	0.0
14/09/2023 19:20	3.1	254	17	4.4	0.0
14/09/2023 19:30	3.5	251	16	5.1	0.0
14/09/2023 19:40	3.4	246	17	4.8	0.0
14/09/2023 19:50	3.2	252	16	4.7	0.0
14/09/2023 20:00	3.2	257	16	4.8	0.0
14/09/2023 20:10	2.9	254	16	4.5	0.0
14/09/2023 20:20	3.3	256	15	5.0	0.0
14/09/2023 20:30	3.5	257	14	4.9	0.0
14/09/2023 20:40	3.6	253	13	5.0	0.0
14/09/2023 20:50	4.1	252	13	5.6	0.0
14/09/2023 21:00	3.8	253	16	5.7	0.0
14/09/2023 21:10	3.4	253	15	4.8	0.0
14/09/2023 21:20	4.0	252	15	5.6	0.0
14/09/2023 21:30	3.6	247	16	5.6	0.0
14/09/2023 21:40	3.5	244	17	4.9	0.0
14/09/2023 21:50	3.8	245	15	5.6	0.0
14/09/2023 22:00	3.7	247	14	5.4	0.0
14/09/2023 22:10	3.8	245	18	5.1	0.0
14/09/2023 22:20	4.0	238	18	5.8	0.0
14/09/2023 22:30	3.7	243	18	5.4	0.0
14/09/2023 22:40	3.6	241	14	5.2	0.0
14/09/2023 22:50	3.4	246	17	4.9	0.0
14/09/2023 23:00	3.0	236	15	4.4	0.0
14/09/2023 23:10	2.9	235	18	4.4	0.0
14/09/2023 23:20	2.5	248	18	4.1	0.0
14/09/2023 23:30	3.0	241	17	4.8	0.0
14/09/2023 23:40	3.0	246	20	4.6	0.0
14/09/2023 23:50	3.1	245	17	4.4	0.0
15/09/2023 00:00	3.0	240	17	4.9	0.0
15/09/2023 00:10	2.9	245	18	4.4	0.0
15/09/2023 00:20	3.0	244	17	5.0	0.0
15/09/2023 00:30	3.2	244	15	4.5	0.0
15/09/2023 00:40	3.4	239	17	4.9	0.0
15/09/2023 00:50	3.4	234	15	4.8	0.0
15/09/2023 01:00	3.1	239	16	4.5	0.0
15/09/2023 01:10	2.9	239	16	4.4	0.0
15/09/2023 01:20	2.9	241	16	4.0	0.0
15/09/2023 01:30	2.6	241	14	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 01:40	2.8	242	16	3.9	0.0
15/09/2023 01:50	3.0	246	17	4.7	0.0
15/09/2023 02:00	3.2	244	16	5.0	0.0
15/09/2023 02:10	3.0	239	15	4.4	0.0
15/09/2023 02:20	3.3	247	15	5.1	0.0
15/09/2023 02:30	2.8	245	19	4.2	0.0
15/09/2023 02:40	2.7	245	17	4.1	0.0
15/09/2023 02:50	2.5	248	15	3.4	0.0
15/09/2023 03:00	2.4	253	16	3.2	0.0
15/09/2023 03:10	2.4	251	19	3.6	0.0
15/09/2023 03:20	2.3	254	16	3.5	0.0
15/09/2023 03:30	2.4	252	17	3.7	0.0
15/09/2023 03:40	2.3	249	18	3.6	0.0
15/09/2023 03:50	2.0	251	17	3.2	0.0
15/09/2023 04:00	2.0	254	18	2.8	0.0
15/09/2023 04:10	2.1	253	16	2.9	0.0
15/09/2023 04:20	1.9	250	15	3.1	0.0
15/09/2023 04:30	1.8	248	17	2.5	0.0
15/09/2023 04:40	1.6	251	14	2.4	0.0
15/09/2023 04:50	1.7	249	14	2.5	0.0
15/09/2023 05:00	1.4	247	19	2.0	0.0
15/09/2023 05:10	1.4	255	16	2.0	0.0
15/09/2023 05:20	1.3	257	17	1.7	0.0
15/09/2023 05:30	1.4	254	17	2.0	0.0
15/09/2023 05:40	1.4	241	22	2.0	0.0
15/09/2023 05:50	1.5	250	20	2.0	0.0
15/09/2023 06:00	1.9	248	13	2.8	0.0
15/09/2023 06:10	2.3	249	16	3.2	0.0
15/09/2023 06:20	2.3	252	17	3.2	0.0
15/09/2023 06:30	1.8	248	17	2.7	0.0
15/09/2023 06:40	2.1	252	18	2.9	0.0
15/09/2023 06:50	1.8	259	13	2.6	0.0
15/09/2023 07:00	1.8	257	18	2.8	0.0
15/09/2023 07:10	1.5	241	18	2.0	0.0
15/09/2023 07:20	1.5	236	20	2.1	0.0
15/09/2023 07:30	1.5	236	20	2.2	0.0
15/09/2023 07:40	1.8	241	17	2.5	0.0
15/09/2023 07:50	1.3	237	21	1.9	0.0
15/09/2023 08:00	1.4	250	24	1.9	0.0
15/09/2023 08:10	1.2	254	22	1.8	0.0
15/09/2023 08:20	0.6	275	35	1.4	0.0
15/09/2023 08:30	0.5	197	31	1.2	0.0
15/09/2023 08:40	1.0	208	56	1.6	0.0
15/09/2023 08:50	0.7	124	56	1.4	0.0
15/09/2023 09:00	1.1	147	34	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 09:10	0.6	116	23	1.6	0.0
15/09/2023 09:20	0.6	117	17	1.8	0.0
15/09/2023 09:30	1.0	116	30	2.2	0.0
15/09/2023 09:40	0.7	126	30	2.0	0.0
15/09/2023 09:50	0.6	60	19	1.9	0.0
15/09/2023 10:00	0.5	91	23	1.6	0.0
15/09/2023 10:10	0.9	83	28	2.0	0.0
15/09/2023 10:20	1.3	71	48	2.2	0.0
15/09/2023 10:30	1.5	74	42	2.5	0.0
15/09/2023 10:40	1.6	73	30	2.6	0.0
15/09/2023 10:50	1.5	61	37	2.9	0.0
15/09/2023 11:00	1.8	61	27	3.0	0.0
15/09/2023 11:10	1.7	63	35	3.0	0.0
15/09/2023 11:20	1.8	76	30	3.2	0.0
15/09/2023 11:30	1.7	69	34	2.7	0.0
15/09/2023 11:40	1.0	58	34	2.4	0.0
15/09/2023 11:50	1.2	105	45	2.4	0.0
15/09/2023 12:00	0.8	90	34	2.0	0.0
15/09/2023 12:10	1.5	105	36	2.6	0.0
15/09/2023 12:20	1.2	91	38	2.2	0.0
15/09/2023 12:30	1.2	67	52	2.2	0.0
15/09/2023 12:40	1.9	83	57	3.8	0.0
15/09/2023 12:50	1.4	115	43	2.4	0.0
15/09/2023 13:00	1.9	263	66	3.6	0.0
15/09/2023 13:10	1.8	325	34	2.9	0.0
15/09/2023 13:20	1.9	325	28	3.3	0.0
15/09/2023 13:30	2.2	323	29	3.4	0.0
15/09/2023 13:40	2.3	324	26	3.5	0.0
15/09/2023 13:50	2.4	329	23	3.6	0.0
15/09/2023 14:00	1.9	305	32	3.2	0.0
15/09/2023 14:10	2.0	334	35	3.2	0.0
15/09/2023 14:20	2.0	330	24	3.2	0.0
15/09/2023 14:30	2.3	336	26	3.4	0.0
15/09/2023 14:40	2.4	333	34	3.8	0.0
15/09/2023 14:50	2.4	178	31	4.0	0.0
15/09/2023 15:00	2.9	332	28	4.6	0.0
15/09/2023 15:10	3.0	342	25	4.8	0.0
15/09/2023 15:20	3.3	340	24	5.2	0.0
15/09/2023 15:30	2.7	323	26	4.3	0.0
15/09/2023 15:40	3.1	321	26	5.1	0.0
15/09/2023 15:50	3.0	322	22	4.1	0.0
15/09/2023 16:00	3.0	322	21	5.0	0.0
15/09/2023 16:10	3.1	326	21	4.8	0.0
15/09/2023 16:20	2.7	329	21	4.6	0.0
15/09/2023 16:30	2.9	322	19	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 16:40	2.3	314	27	3.4	0.0
15/09/2023 16:50	2.5	320	26	4.0	0.0
15/09/2023 17:00	2.1	299	35	3.6	0.0
15/09/2023 17:10	2.0	290	36	3.4	0.0
15/09/2023 17:20	1.9	262	21	2.8	0.0
15/09/2023 17:30	1.8	275	25	3.1	0.0
15/09/2023 17:40	2.2	253	13	3.1	0.0
15/09/2023 17:50	2.4	256	11	3.5	0.0
15/09/2023 18:00	2.9	247	12	3.8	0.0
15/09/2023 18:10	2.6	254	11	3.4	0.0
15/09/2023 18:20	2.4	253	12	3.4	0.0
15/09/2023 18:30	2.5	250	14	3.7	0.0
15/09/2023 18:40	2.8	249	12	3.8	0.0
15/09/2023 18:50	2.9	250	13	4.3	0.0
15/09/2023 19:00	3.3	250	12	4.4	0.0
15/09/2023 19:10	2.9	253	14	3.9	0.0
15/09/2023 19:20	2.8	257	12	3.9	0.0
15/09/2023 19:30	2.9	255	12	4.0	0.0
15/09/2023 19:40	3.0	253	11	4.0	0.0
15/09/2023 19:50	3.1	254	12	4.3	0.0
15/09/2023 20:00	3.0	255	17	4.0	0.0
15/09/2023 20:10	3.0	254	15	3.9	0.0
15/09/2023 20:20	2.9	255	12	4.0	0.0
15/09/2023 20:30	2.7	259	17	3.6	0.0
15/09/2023 20:40	2.8	258	15	3.9	0.0
15/09/2023 20:50	2.6	258	15	3.8	0.0
15/09/2023 21:00	2.5	254	15	3.6	0.0
15/09/2023 21:10	3.0	258	12	4.0	0.0
15/09/2023 21:20	2.9	260	14	4.1	0.0
15/09/2023 21:30	3.0	266	12	4.3	0.0
15/09/2023 21:40	2.9	265	12	4.0	0.0
15/09/2023 21:50	2.7	263	15	3.6	0.0
15/09/2023 22:00	2.9	260	13	4.0	0.0
15/09/2023 22:10	2.7	258	15	3.6	0.0
15/09/2023 22:20	2.6	258	16	4.2	0.0
15/09/2023 22:30	2.8	256	16	4.3	0.0
15/09/2023 22:40	2.7	257	19	4.0	0.0
15/09/2023 22:50	2.6	253	17	4.0	0.0
15/09/2023 23:00	2.9	251	16	4.3	0.0
15/09/2023 23:10	2.5	251	18	3.7	0.0
15/09/2023 23:20	2.8	250	17	4.1	0.0
15/09/2023 23:30	2.7	252	16	4.2	0.0
15/09/2023 23:40	2.6	256	18	3.8	0.0
15/09/2023 23:50	2.5	253	17	4.0	0.0
16/09/2023 00:00	2.4	251	17	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 00:10	2.5	256	17	3.9	0.0
16/09/2023 00:20	2.7	252	21	4.4	0.0
16/09/2023 00:30	2.8	252	19	4.4	0.0
16/09/2023 00:40	2.7	250	22	4.4	0.0
16/09/2023 00:50	3.0	246	15	4.7	0.0
16/09/2023 01:00	3.0	243	19	4.6	0.0
16/09/2023 01:10	3.3	263	21	5.2	0.0
16/09/2023 01:20	3.0	277	19	5.2	0.0
16/09/2023 01:30	2.8	289	21	4.5	0.0
16/09/2023 01:40	2.7	278	19	4.4	0.0
16/09/2023 01:50	2.1	279	21	3.4	0.0
16/09/2023 02:00	1.7	286	20	2.7	0.0
16/09/2023 02:10	1.5	286	21	2.5	0.0
16/09/2023 02:20	2.2	251	20	3.2	0.0
16/09/2023 02:30	2.2	251	23	3.2	0.0
16/09/2023 02:40	1.8	257	18	2.5	0.0
16/09/2023 02:50	1.4	280	28	2.3	0.0
16/09/2023 03:00	1.2	285	19	2.1	0.0
16/09/2023 03:10	1.1	275	27	2.0	0.0
16/09/2023 03:20	0.3	285	6	1.1	0.0
16/09/2023 03:30	0.7	260	38	1.3	0.0
16/09/2023 03:40	1.2	274	23	2.0	0.0
16/09/2023 03:50	1.3	254	32	2.4	0.0
16/09/2023 04:00	1.5	253	22	2.9	0.0
16/09/2023 04:10	0.7	264	27	1.9	0.0
16/09/2023 04:20	0.4	308	39	1.2	0.0
16/09/2023 04:30	0.5	295	20	1.2	0.0
16/09/2023 04:40	0.0	75	1	0.4	0.0
16/09/2023 04:50	0.1	92	19	1.2	0.0
16/09/2023 05:00	0.8	319	29	1.5	0.0
16/09/2023 05:10	0.4	171	26	1.8	0.0
16/09/2023 05:20	0.5	283	18	2.2	0.0
16/09/2023 05:30	0.1	231	9	0.8	0.0
16/09/2023 05:40	0.6	215	25	1.6	0.0
16/09/2023 05:50	0.1	341	2	0.8	0.0
16/09/2023 06:00	0.6	173	16	1.4	0.0
16/09/2023 06:10	0.8	149	67	1.4	0.0
16/09/2023 06:20	0.9	115	56	2.0	0.0
16/09/2023 06:30	0.8	35	18	1.8	0.0
16/09/2023 06:40	0.8	32	20	1.6	0.0
16/09/2023 06:50	0.6	173	10	1.9	0.0
16/09/2023 07:00	0.4	296	40	1.5	0.0
16/09/2023 07:10	0.9	263	36	2.0	0.0
16/09/2023 07:20	1.5	189	28	3.5	0.0
16/09/2023 07:30	1.4	194	27	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 07:40	1.4	197	31	2.4	0.0
16/09/2023 07:50	2.0	201	20	3.2	0.0
16/09/2023 08:00	1.7	178	30	3.6	0.0
16/09/2023 08:10	1.4	165	35	2.4	0.0
16/09/2023 08:20	1.3	168	37	2.2	0.0
16/09/2023 08:30	1.1	130	38	2.2	0.0
16/09/2023 08:40	0.9	149	30	2.0	0.0
16/09/2023 08:50	0.8	105	26	1.7	0.0
16/09/2023 09:00	1.0	101	24	2.1	0.0
16/09/2023 09:10	1.2	109	34	2.1	0.0
16/09/2023 09:20	1.5	128	28	2.4	0.0
16/09/2023 09:30	1.7	121	32	3.2	0.0
16/09/2023 09:40	1.8	120	30	3.1	0.0
16/09/2023 09:50	1.7	103	27	2.8	0.0
16/09/2023 10:00	1.5	121	31	2.5	0.0
16/09/2023 10:10	1.3	122	29	2.1	0.0
16/09/2023 10:20	1.3	123	30	2.1	0.0
16/09/2023 10:30	1.4	153	28	2.6	0.0
16/09/2023 10:40	1.8	121	26	2.8	0.0
16/09/2023 10:50	1.8	139	33	2.9	0.0
16/09/2023 11:00	1.7	123	31	2.7	0.0
16/09/2023 11:10	1.5	148	31	2.6	0.0
16/09/2023 11:20	1.4	115	42	2.8	0.0
16/09/2023 11:30	1.7	163	33	3.2	0.0
16/09/2023 11:40	1.6	173	38	2.6	0.0
16/09/2023 11:50	1.6	88	37	2.6	0.0
16/09/2023 12:00	1.2	128	39	2.3	0.0
16/09/2023 12:10	1.5	159	33	2.8	0.0
16/09/2023 12:20	1.1	204	78	1.9	0.0
16/09/2023 12:30	1.5	253	53	2.5	0.0
16/09/2023 12:40	1.1	243	60	1.9	0.0
16/09/2023 12:50	1.3	326	41	3.0	0.0
16/09/2023 13:00	1.7	343	32	2.8	0.0
16/09/2023 13:10	1.5	332	47	2.8	0.0
16/09/2023 13:20	1.6	327	30	2.8	0.0
16/09/2023 13:30	2.0	170	25	3.6	0.0
16/09/2023 13:40	2.3	328	34	3.6	0.0
16/09/2023 13:50	2.2	181	30	3.5	0.0
16/09/2023 14:00	2.6	335	24	4.2	0.0
16/09/2023 14:10	2.4	336	23	3.5	0.0
16/09/2023 14:20	2.1	342	29	3.5	0.0
16/09/2023 14:30	2.4	10	30	3.7	0.0
16/09/2023 14:40	2.7	5	27	4.4	0.0
16/09/2023 14:50	2.4	346	24	4.0	0.0
16/09/2023 15:00	2.5	342	28	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 15:10	2.7	326	22	4.3	0.0
16/09/2023 15:20	2.8	326	23	4.4	0.0
16/09/2023 15:30	2.9	333	25	4.7	0.0
16/09/2023 15:40	2.9	335	27	4.6	0.0
16/09/2023 15:50	3.1	8	28	5.9	0.0
16/09/2023 16:00	3.0	329	21	4.9	0.0
16/09/2023 16:10	3.3	327	23	5.1	0.0
16/09/2023 16:20	2.8	309	38	4.8	0.0
16/09/2023 16:30	2.5	314	37	4.3	0.0
16/09/2023 16:40	3.0	327	25	4.7	0.0
16/09/2023 16:50	3.0	321	23	5.3	0.0
16/09/2023 17:00	2.8	325	25	4.3	0.0
16/09/2023 17:10	3.2	324	24	5.1	0.0
16/09/2023 17:20	2.8	323	25	4.4	0.0
16/09/2023 17:30	2.7	319	29	4.4	0.0
16/09/2023 17:40	2.8	322	22	3.8	0.0
16/09/2023 17:50	2.8	321	21	4.6	0.0
16/09/2023 18:00	2.7	318	26	4.4	0.0
16/09/2023 18:10	2.5	310	40	3.9	0.0
16/09/2023 18:20	2.4	314	36	4.3	0.0
16/09/2023 18:30	1.8	273	35	3.5	0.0
16/09/2023 18:40	2.6	253	22	3.6	0.0
16/09/2023 18:50	2.5	242	16	3.5	0.0
16/09/2023 19:00	1.9	247	14	2.9	0.0
16/09/2023 19:10	2.0	246	12	2.8	0.0
16/09/2023 19:20	2.2	251	16	3.0	0.0
16/09/2023 19:30	2.7	245	14	4.3	0.0
16/09/2023 19:40	2.2	256	17	3.6	0.0
16/09/2023 19:50	2.3	259	17	3.2	0.0
16/09/2023 20:00	2.4	257	16	3.6	0.0
16/09/2023 20:10	3.0	255	14	4.3	0.0
16/09/2023 20:20	2.6	256	16	4.0	0.0
16/09/2023 20:30	2.7	253	14	3.8	0.0
16/09/2023 20:40	2.7	251	16	3.9	0.0
16/09/2023 20:50	2.9	257	14	4.0	0.0
16/09/2023 21:00	3.0	256	17	4.1	0.0
16/09/2023 21:10	3.3	252	12	4.9	0.0
16/09/2023 21:20	3.0	257	14	4.1	0.0
16/09/2023 21:30	2.8	253	15	4.0	0.0
16/09/2023 21:40	2.5	258	15	3.9	0.0
16/09/2023 21:50	2.9	256	16	4.1	0.0
16/09/2023 22:00	2.5	256	15	3.6	0.0
16/09/2023 22:10	2.6	261	17	4.0	0.0
16/09/2023 22:20	2.4	264	15	3.4	0.0
16/09/2023 22:30	2.5	266	13	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 22:40	2.2	260	18	3.2	0.0
16/09/2023 22:50	2.6	259	14	3.5	0.0
16/09/2023 23:00	2.5	262	15	3.6	0.0
16/09/2023 23:10	2.5	261	15	3.7	0.0
16/09/2023 23:20	2.7	266	14	3.6	0.0
16/09/2023 23:30	2.8	263	15	4.1	0.0
16/09/2023 23:40	2.8	260	17	3.9	0.0
16/09/2023 23:50	3.0	260	15	4.2	0.0
17/09/2023 00:00	3.4	262	15	4.9	0.0
17/09/2023 00:10	3.0	260	15	4.4	0.0
17/09/2023 00:20	2.6	263	17	3.6	0.0
17/09/2023 00:30	2.4	267	14	3.3	0.0
17/09/2023 00:40	2.8	270	16	3.8	0.0
17/09/2023 00:50	2.5	270	15	3.7	0.0
17/09/2023 01:00	2.4	266	16	3.5	0.0
17/09/2023 01:10	2.4	271	15	3.6	0.0
17/09/2023 01:20	2.4	273	17	3.5	0.0
17/09/2023 01:30	2.0	281	21	3.2	0.0
17/09/2023 01:40	1.8	267	17	3.2	0.0
17/09/2023 01:50	1.3	294	27	2.5	0.0
17/09/2023 02:00	1.6	286	19	2.4	0.0
17/09/2023 02:10	1.5	285	19	2.7	0.0
17/09/2023 02:20	1.6	284	21	2.7	0.0
17/09/2023 02:30	1.1	292	31	2.2	0.0
17/09/2023 02:40	0.4	47	44	1.0	0.0
17/09/2023 02:50	0.9	319	25	1.4	0.0
17/09/2023 03:00	1.2	313	39	1.6	0.0
17/09/2023 03:10	0.0	75	0	0.4	0.0
17/09/2023 03:20	0.2	187	5	1.1	0.0
17/09/2023 03:30	0.0	9	2	0.6	0.0
17/09/2023 03:40	0.6	307	28	1.2	0.0
17/09/2023 03:50	0.0	253	0	0.4	0.0
17/09/2023 04:00	0.7	254	9	1.3	0.0
17/09/2023 04:10	0.3	147	15	0.9	0.0
17/09/2023 04:20	1.0	318	14	2.5	0.0
17/09/2023 04:30	1.2	337	28	2.0	0.0
17/09/2023 04:40	0.3	198	7	1.4	0.0
17/09/2023 04:50	0.8	266	32	1.4	0.0
17/09/2023 05:00	0.1	327	7	0.6	0.0
17/09/2023 05:10					0.0
17/09/2023 05:20					0.0
17/09/2023 05:30	0.8	241	23	2.0	0.0
17/09/2023 05:40	0.3	227	20	1.5	0.0
17/09/2023 05:50	0.2	256	9	0.7	0.0
17/09/2023 06:00	1.3	283	25	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 06:10	0.2	216	18	0.9	0.0
17/09/2023 06:20	0.2	229	13	0.9	0.0
17/09/2023 06:30	0.5	255	23	1.4	0.0
17/09/2023 06:40	1.5	277	22	2.4	0.0
17/09/2023 06:50	1.1	196	20	1.9	0.0
17/09/2023 07:00	0.2	314	11	0.8	0.0
17/09/2023 07:10	0.2	304	18	0.9	0.0
17/09/2023 07:20	0.0	144	0	0.4	0.0
17/09/2023 07:30	0.2	160	7	0.8	0.0
17/09/2023 07:40	0.3	142	17	0.9	0.0
17/09/2023 07:50	0.2	104	9	0.7	0.0
17/09/2023 08:00	0.2	27	9	0.8	0.0
17/09/2023 08:10	0.6	90	22	1.3	0.0
17/09/2023 08:20	0.6	135	43	1.2	0.0
17/09/2023 08:30	0.9	137	33	1.7	0.0
17/09/2023 08:40	0.8	125	31	1.4	0.0
17/09/2023 08:50	1.2	116	32	2.0	0.0
17/09/2023 09:00	1.5	70	22	2.5	0.0
17/09/2023 09:10	1.5	60	25	2.5	0.0
17/09/2023 09:20	1.5	78	25	2.3	0.0
17/09/2023 09:30	1.3	59	27	2.2	0.0
17/09/2023 09:40	1.3	119	32	2.4	0.0
17/09/2023 09:50	1.2	115	35	2.0	0.0
17/09/2023 10:00	1.3	105	36	2.4	0.0
17/09/2023 10:10	1.5	88	32	2.8	0.0
17/09/2023 10:20	1.6	45	30	2.8	0.0
17/09/2023 10:30	1.6	83	30	2.8	0.0
17/09/2023 10:40	1.7	78	28	2.8	0.0
17/09/2023 10:50	1.6	66	28	3.0	0.0
17/09/2023 11:00	1.8	75	26	3.2	0.0
17/09/2023 11:10	2.1	72	28	3.6	0.0
17/09/2023 11:20	2.0	80	27	3.2	0.0
17/09/2023 11:30	2.0	63	31	3.4	0.0
17/09/2023 11:40	1.6	182	32	3.0	0.0
17/09/2023 11:50	1.6	341	28	3.2	0.0
17/09/2023 12:00	1.9	180	26	3.2	0.0
17/09/2023 12:10	1.9	355	34	3.2	0.0
17/09/2023 12:20	1.7	170	38	3.2	0.0
17/09/2023 12:30	2.1	7	27	3.6	0.0
17/09/2023 12:40	1.7	186	45	2.9	0.0
17/09/2023 12:50	2.4	346	22	3.6	0.0
17/09/2023 13:00	2.1	175	33	3.4	0.0
17/09/2023 13:10	2.2	181	32	3.6	0.0
17/09/2023 13:20	2.3	346	26	3.3	0.0
17/09/2023 13:30	2.4	171	31	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 13:40	2.2	176	31	3.6	0.0
17/09/2023 13:50	2.5	346	31	3.8	0.0
17/09/2023 14:00	2.4	171	30	3.8	0.0
17/09/2023 14:10	2.5	186	28	4.0	0.0
17/09/2023 14:20	2.1	16	34	3.4	0.0
17/09/2023 14:30	2.4	350	34	3.7	0.0
17/09/2023 14:40	2.4	9	29	4.0	0.0
17/09/2023 14:50	2.8	180	34	4.5	0.0
17/09/2023 15:00	2.4	182	33	4.3	0.0
17/09/2023 15:10	2.5	181	25	4.4	0.0
17/09/2023 15:20	2.7	338	23	4.3	0.0
17/09/2023 15:30	2.0	345	31	3.4	0.0
17/09/2023 15:40	2.6	179	29	4.0	0.0
17/09/2023 15:50	2.4	337	27	3.6	0.0
17/09/2023 16:00	1.9	346	28	3.0	0.0
17/09/2023 16:10	2.2	350	27	3.4	0.0
17/09/2023 16:20	2.4	345	23	3.6	0.0
17/09/2023 16:30	2.1	274	29	3.3	0.0
17/09/2023 16:40	2.4	227	22	3.8	0.0
17/09/2023 16:50	2.6	251	18	4.0	0.0
17/09/2023 17:00	2.0	310	44	3.6	0.0
17/09/2023 17:10	1.2	314	32	2.1	0.0
17/09/2023 17:20	2.4	334	24	4.0	0.0
17/09/2023 17:30	2.0	351	29	3.6	0.0
17/09/2023 17:40	2.0	349	33	3.6	0.0
17/09/2023 17:50	2.1	340	26	3.3	0.0
17/09/2023 18:00	2.6	331	25	4.8	0.0
17/09/2023 18:10	3.5	331	21	5.2	0.0
17/09/2023 18:20	3.3	324	21	5.0	0.0
17/09/2023 18:30	3.5	319	21	5.2	0.0
17/09/2023 18:40	2.8	319	29	4.7	0.0
17/09/2023 18:50	3.1	319	22	4.8	0.0
17/09/2023 19:00	2.5	305	32	4.2	0.0
17/09/2023 19:10	2.4	266	30	4.0	0.0
17/09/2023 19:20	2.0	269	33	3.4	0.0
17/09/2023 19:30	2.1	255	17	3.0	0.0
17/09/2023 19:40	2.1	257	19	3.2	0.0
17/09/2023 19:50	1.8	269	26	2.8	0.0
17/09/2023 20:00	1.8	253	21	2.7	0.0
17/09/2023 20:10	2.3	246	13	3.1	0.0
17/09/2023 20:20	2.6	247	14	3.5	0.0
17/09/2023 20:30	1.9	277	32	2.9	0.0
17/09/2023 20:40	1.7	248	19	2.9	0.0
17/09/2023 20:50	1.5	247	20	2.4	0.0
17/09/2023 21:00	1.0	267	35	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 21:10	1.7	318	48	3.2	0.0
17/09/2023 21:20	2.4	249	20	4.0	0.0
17/09/2023 21:30	1.8	292	56	3.6	0.0
17/09/2023 21:40	2.3	254	15	3.3	0.0
17/09/2023 21:50	1.6	293	37	3.2	0.0
17/09/2023 22:00	1.8	262	26	3.0	0.0
17/09/2023 22:10	1.9	251	19	3.1	0.0
17/09/2023 22:20	2.0	264	32	3.2	0.0
17/09/2023 22:30	1.6	253	25	2.6	0.0
17/09/2023 22:40	1.6	255	26	2.8	0.0
17/09/2023 22:50	1.4	256	17	2.1	0.0
17/09/2023 23:00	1.8	251	17	3.1	0.0
17/09/2023 23:10	1.1	257	29	2.2	0.0
17/09/2023 23:20	1.3	255	21	2.2	0.0
17/09/2023 23:30	1.7	254	16	2.6	0.0
17/09/2023 23:40	1.9	257	13	2.8	0.0
17/09/2023 23:50	1.5	256	16	2.6	0.0
18/09/2023 00:00	1.6	251	21	2.4	0.0
18/09/2023 00:10	1.5	254	19	2.4	0.0
18/09/2023 00:20	2.0	251	17	3.0	0.0
18/09/2023 00:30	2.2	252	14	3.6	0.0
18/09/2023 00:40	1.7	269	21	2.5	0.0
18/09/2023 00:50	1.8	257	16	2.6	0.0
18/09/2023 01:00	2.0	270	17	3.0	0.0
18/09/2023 01:10	1.7	268	15	2.8	0.0
18/09/2023 01:20	2.6	258	14	3.6	0.0
18/09/2023 01:30	2.6	258	15	3.8	0.0
18/09/2023 01:40	2.5	262	15	3.6	0.0
18/09/2023 01:50	2.6	259	17	4.4	0.0
18/09/2023 02:00	2.3	260	17	3.5	0.0
18/09/2023 02:10	2.8	260	16	4.4	0.0
18/09/2023 02:20	2.6	263	18	3.7	0.0
18/09/2023 02:30	3.0	262	15	4.4	0.0
18/09/2023 02:40	3.3	257	14	4.8	0.0
18/09/2023 02:50	2.7	252	17	4.1	0.0
18/09/2023 03:00	2.3	257	19	3.6	0.0
18/09/2023 03:10	1.9	257	21	2.8	0.0
18/09/2023 03:20	1.5	250	19	2.6	0.0
18/09/2023 03:30	1.4	268	21	2.5	0.0
18/09/2023 03:40	2.1	261	18	3.0	0.0
18/09/2023 03:50	3.0	252	14	4.4	0.0
18/09/2023 04:00	2.9	253	17	4.6	0.0
18/09/2023 04:10	3.2	255	14	4.8	0.0
18/09/2023 04:20	2.8	255	15	4.1	0.0
18/09/2023 04:30	2.5	255	14	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 04:40	2.0	255	16	2.8	0.0
18/09/2023 04:50	2.0	256	16	3.0	0.0
18/09/2023 05:00	2.2	256	13	3.2	0.0
18/09/2023 05:10	2.5	257	15	3.9	0.0
18/09/2023 05:20	2.6	257	16	4.2	0.0
18/09/2023 05:30	2.5	256	18	3.6	0.0
18/09/2023 05:40	2.1	257	15	2.8	0.0
18/09/2023 05:50	2.4	258	16	3.9	0.0
18/09/2023 06:00	2.7	258	14	4.0	0.0
18/09/2023 06:10	2.3	253	15	3.5	0.0
18/09/2023 06:20	0.8	214	17	1.6	0.0
18/09/2023 06:30	1.2	255	13	2.0	0.0
18/09/2023 06:40	1.6	253	15	2.4	0.0
18/09/2023 06:50	1.4	224	27	1.9	0.0
18/09/2023 07:00	1.1	232	26	1.9	0.0
18/09/2023 07:10	1.9	247	17	3.0	0.0
18/09/2023 07:20	2.0	249	17	2.8	0.0
18/09/2023 07:30	2.5	244	17	3.6	0.0
18/09/2023 07:40	2.5	246	21	3.4	0.0
18/09/2023 07:50	2.1	251	19	2.8	0.0
18/09/2023 08:00	2.1	249	19	3.0	0.0
18/09/2023 08:10	2.1	256	17	3.2	0.0
18/09/2023 08:20	1.7	266	31	2.7	0.0
18/09/2023 08:30	1.2	256	31	1.9	0.0
18/09/2023 08:40	0.8	148	61	1.7	0.0
18/09/2023 08:50	0.9	268	32	1.8	0.0
18/09/2023 09:00	0.9	94	28	1.9	0.0
18/09/2023 09:10	1.1	79	33	2.1	0.0
18/09/2023 09:20	1.5	91	35	2.6	0.0
18/09/2023 09:30	1.6	49	29	2.5	0.0
18/09/2023 09:40	1.5	341	29	2.5	0.0
18/09/2023 09:50	1.5	11	37	2.8	0.0
18/09/2023 10:00	1.3	345	27	3.1	0.0
18/09/2023 10:10	1.7	171	32	3.0	0.0
18/09/2023 10:20	2.0	342	32	3.4	0.0
18/09/2023 10:30	1.9	340	35	3.7	0.0
18/09/2023 10:40	2.3	326	32	3.6	0.0
18/09/2023 10:50	2.0	324	37	3.5	0.0
18/09/2023 11:00	2.2	330	32	3.5	0.0
18/09/2023 11:10	1.7	334	42	2.6	0.0
18/09/2023 11:20	1.6	334	42	3.5	0.0
18/09/2023 11:30	1.8	298	49	3.6	0.0
18/09/2023 11:40	1.7	335	40	2.9	0.0
18/09/2023 11:50	1.8	186	38	3.5	0.0
18/09/2023 12:00	1.5	327	58	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 12:10	1.8	321	39	3.7	0.0
18/09/2023 12:20	2.2	321	37	4.0	0.0
18/09/2023 12:30	2.3	336	33	3.6	0.0
18/09/2023 12:40	2.2	326	32	3.6	0.0
18/09/2023 12:50	2.6	316	33	4.4	0.0
18/09/2023 13:00	2.8	333	32	4.2	0.0
18/09/2023 13:10	2.5	312	38	4.3	0.0
18/09/2023 13:20	2.3	304	40	4.3	0.0
18/09/2023 13:30	2.9	323	34	4.8	0.0
18/09/2023 13:40	2.9	314	36	5.1	0.0
18/09/2023 13:50	3.1	320	33	5.1	0.0
18/09/2023 14:00	2.1	341	45	4.0	0.0
18/09/2023 14:10	2.4	294	35	3.9	0.0
18/09/2023 14:20	2.7	288	41	4.8	0.0
18/09/2023 14:30	2.9	291	38	4.8	0.0
18/09/2023 14:40	2.6	296	40	4.7	0.0
18/09/2023 14:50	3.7	322	25	5.6	0.0
18/09/2023 15:00	3.1	318	33	4.8	0.0
18/09/2023 15:10	3.0	313	34	5.0	0.0
18/09/2023 15:20	3.2	317	30	5.2	0.0
18/09/2023 15:30	3.5	324	25	6.1	0.0
18/09/2023 15:40	3.6	321	24	5.6	0.0
18/09/2023 15:50	2.9	312	28	5.2	0.0
18/09/2023 16:00	3.3	324	23	5.7	0.0
18/09/2023 16:10	3.0	317	28	5.2	0.0
18/09/2023 16:20	3.4	324	25	5.1	0.0
18/09/2023 16:30	3.4	326	27	5.2	0.0
18/09/2023 16:40	2.8	322	30	4.2	0.0
18/09/2023 16:50	2.4	306	41	4.4	0.0
18/09/2023 17:00	2.2	322	35	3.9	0.0
18/09/2023 17:10	3.1	317	30	5.2	0.0
18/09/2023 17:20	2.9	315	27	5.1	0.0
18/09/2023 17:30	2.8	332	27	4.5	0.0
18/09/2023 17:40	2.6	301	31	4.4	0.0
18/09/2023 17:50	2.6	310	28	4.3	0.0
18/09/2023 18:00	2.6	321	27	4.3	0.0
18/09/2023 18:10	2.1	331	28	3.6	0.0
18/09/2023 18:20	2.3	307	34	4.1	0.0
18/09/2023 18:30	1.9	289	37	3.2	0.0
18/09/2023 18:40	2.0	293	48	3.4	0.0
18/09/2023 18:50	1.9	331	36	3.4	0.0
18/09/2023 19:00	2.6	346	31	4.2	0.0
18/09/2023 19:10	2.5	312	37	4.3	0.0
18/09/2023 19:20	2.1	318	39	4.1	0.0
18/09/2023 19:30	2.2	309	34	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 19:40	2.1	320	34	3.3	0.0
18/09/2023 19:50	1.7	287	45	3.5	0.0
18/09/2023 20:00	2.2	298	39	4.6	0.0
18/09/2023 20:10	2.2	319	34	3.9	0.0
18/09/2023 20:20	2.2	321	32	3.9	0.0
18/09/2023 20:30	2.7	319	27	4.3	0.0
18/09/2023 20:40	2.5	307	33	4.3	0.0
18/09/2023 20:50	2.6	321	29	4.1	0.0
18/09/2023 21:00	2.3	322	32	3.8	0.0
18/09/2023 21:10	2.1	321	38	3.8	0.0
18/09/2023 21:20	1.9	299	45	3.8	0.0
18/09/2023 21:30	2.2	267	37	3.5	0.0
18/09/2023 21:40	1.8	258	32	3.2	0.0
18/09/2023 21:50	1.8	303	37	3.6	0.0
18/09/2023 22:00	2.0	267	44	4.0	0.0
18/09/2023 22:10	2.4	250	24	3.6	0.0
18/09/2023 22:20	2.1	278	30	3.2	0.0
18/09/2023 22:30	2.3	266	28	3.6	0.0
18/09/2023 22:40	2.9	257	19	4.4	0.0
18/09/2023 22:50	2.6	268	25	4.2	0.0
18/09/2023 23:00	2.3	260	23	3.5	0.0
18/09/2023 23:10	2.6	253	15	3.7	0.0
18/09/2023 23:20	3.0	254	16	4.8	0.0
18/09/2023 23:30	2.8	264	16	4.4	0.0
18/09/2023 23:40	2.7	266	19	4.8	0.0
18/09/2023 23:50	4.1	259	18	5.8	0.0
19/09/2023 00:00	3.6	256	17	5.2	0.0
19/09/2023 00:10	2.5	270	20	4.1	0.0
19/09/2023 00:20	2.6	271	19	4.0	0.0
19/09/2023 00:30	3.5	263	17	6.8	0.0
19/09/2023 00:40	3.9	258	18	6.0	0.0
19/09/2023 00:50	4.3	254	15	6.7	0.0
19/09/2023 01:00	3.9	257	14	5.6	0.0
19/09/2023 01:10	3.6	258	14	5.3	0.0
19/09/2023 01:20	3.0	262	18	4.5	0.0
19/09/2023 01:30	2.8	263	16	4.8	0.0
19/09/2023 01:40	2.8	261	16	4.0	0.0
19/09/2023 01:50	2.9	267	16	4.1	0.0
19/09/2023 02:00	3.1	256	18	4.4	0.0
19/09/2023 02:10	3.2	258	17	5.1	0.0
19/09/2023 02:20	3.1	257	15	4.6	0.0
19/09/2023 02:30	2.7	260	15	4.2	0.0
19/09/2023 02:40	3.1	256	18	4.6	0.0
19/09/2023 02:50	2.9	249	15	4.6	0.0
19/09/2023 03:00	2.9	253	18	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 03:10	3.2	255	18	4.8	0.0
19/09/2023 03:20	3.2	257	15	4.5	0.0
19/09/2023 03:30	3.2	264	16	4.6	0.0
19/09/2023 03:40	2.8	267	16	4.0	0.0
19/09/2023 03:50	3.0	269	14	4.3	0.0
19/09/2023 04:00	3.3	267	14	4.5	0.0
19/09/2023 04:10	3.4	268	16	5.1	0.0
19/09/2023 04:20	3.3	266	15	4.8	0.0
19/09/2023 04:30	3.3	267	18	4.7	0.0
19/09/2023 04:40	2.6	277	18	4.2	0.0
19/09/2023 04:50	2.3	287	22	3.9	0.0
19/09/2023 05:00	2.5	283	19	3.6	0.0
19/09/2023 05:10	2.4	286	23	3.4	0.0
19/09/2023 05:20	2.0	276	19	3.2	0.0
19/09/2023 05:30	2.1	270	18	2.8	0.0
19/09/2023 05:40	2.3	270	14	3.1	0.0
19/09/2023 05:50	2.6	268	14	3.6	0.0
19/09/2023 06:00	2.6	272	15	3.5	0.0
19/09/2023 06:10	1.9	261	16	2.7	0.0
19/09/2023 06:20	1.8	251	18	2.6	0.0
19/09/2023 06:30	1.6	231	15	2.4	0.0
19/09/2023 06:40	0.7	160	27	1.2	0.0
19/09/2023 06:50	1.0	195	16	1.5	0.0
19/09/2023 07:00	1.0	183	25	1.4	0.0
19/09/2023 07:10	0.9	188	27	1.4	0.0
19/09/2023 07:20	0.5	98	26	1.2	0.0
19/09/2023 07:30	0.6	96	22	1.1	0.0
19/09/2023 07:40	0.6	95	19	1.0	0.0
19/09/2023 07:50	0.4	85	20	1.0	0.0
19/09/2023 08:00	0.2	116	13	0.7	0.0
19/09/2023 08:10	1.1	229	37	1.9	0.0
19/09/2023 08:20	1.5	187	26	2.3	0.0
19/09/2023 08:30	1.7	183	24	2.9	0.0
19/09/2023 08:40	1.3	138	24	2.0	0.0
19/09/2023 08:50	1.6	151	32	2.5	0.0
19/09/2023 09:00	1.3	141	30	2.4	0.0
19/09/2023 09:10	1.3	131	34	2.4	0.0
19/09/2023 09:20	1.3	123	40	2.4	0.0
19/09/2023 09:30	1.4	131	35	2.3	0.0
19/09/2023 09:40	1.6	144	32	2.5	0.0
19/09/2023 09:50	1.4	141	42	2.3	0.0
19/09/2023 10:00	1.6	130	31	3.1	0.0
19/09/2023 10:10	1.6	128	26	2.5	0.0
19/09/2023 10:20	1.7	107	24	3.0	0.0
19/09/2023 10:30	1.7	97	27	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 10:40	1.4	103	31	3.2	0.0
19/09/2023 10:50	2.0	93	28	3.2	0.0
19/09/2023 11:00	1.9	85	33	3.2	0.0
19/09/2023 11:10	2.0	73	26	3.2	0.0
19/09/2023 11:20	2.3	59	25	3.8	0.0
19/09/2023 11:30	2.2	57	22	4.3	0.0
19/09/2023 11:40	2.5	54	26	4.0	0.0
19/09/2023 11:50	3.0	60	24	4.5	0.0
19/09/2023 12:00	2.9	60	26	5.2	0.0
19/09/2023 12:10	2.7	60	25	4.7	0.0
19/09/2023 12:20	2.8	61	25	5.3	0.0
19/09/2023 12:30	3.0	52	23	5.1	0.0
19/09/2023 12:40	3.0	52	22	5.2	0.0
19/09/2023 12:50	3.1	58	18	5.0	0.0
19/09/2023 13:00	3.1	53	20	4.9	0.0
19/09/2023 13:10	3.1	57	19	4.9	0.0
19/09/2023 13:20	3.1	69	20	4.6	0.0
19/09/2023 13:30	2.6	64	25	4.1	0.0
19/09/2023 13:40	2.2	34	33	3.6	0.0
19/09/2023 13:50	2.3	18	29	3.6	0.0
19/09/2023 14:00	3.1	1	27	4.7	0.0
19/09/2023 14:10	2.8	5	27	4.4	0.0
19/09/2023 14:20	3.0	8	27	5.2	0.0
19/09/2023 14:30	2.8	10	28	4.8	0.0
19/09/2023 14:40	3.4	10	33	6.0	0.0
19/09/2023 14:50	3.4	16	30	5.1	0.0
19/09/2023 15:00	2.9	15	32	5.2	0.0
19/09/2023 15:10	3.2	14	29	4.9	0.0
19/09/2023 15:20	3.3	23	27	5.7	0.0
19/09/2023 15:30	3.4	23	30	5.8	0.0
19/09/2023 15:40	3.5	16	28	5.6	0.0
19/09/2023 15:50	3.1	22	29	4.7	0.0
19/09/2023 16:00	3.6	14	26	5.7	0.0
19/09/2023 16:10	3.9	16	29	6.6	0.0
19/09/2023 16:20	3.3	17	29	5.1	0.0
19/09/2023 16:30	3.4	20	31	5.5	0.0
19/09/2023 16:40	3.8	19	26	6.0	0.0
19/09/2023 16:50	3.1	11	31	4.9	0.0
19/09/2023 17:00	3.5	13	31	5.8	0.0
19/09/2023 17:10	2.6	171	28	5.0	0.0
19/09/2023 17:20	3.0	335	32	5.1	0.0
19/09/2023 17:30	3.5	322	21	6.0	0.0
19/09/2023 17:40	3.1	322	25	4.8	0.0
19/09/2023 17:50	3.3	318	24	5.2	0.0
19/09/2023 18:00	3.2	321	27	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 18:10	2.5	304	40	4.3	0.0
19/09/2023 18:20	2.2	267	29	4.1	0.0
19/09/2023 18:30	2.5	283	32	4.0	0.0
19/09/2023 18:40	1.9	283	39	3.7	0.0
19/09/2023 18:50	2.2	271	35	3.3	0.0
19/09/2023 19:00	1.9	282	30	3.3	0.0
19/09/2023 19:10	1.7	300	47	3.6	0.0
19/09/2023 19:20	1.8	313	36	3.3	0.0
19/09/2023 19:30	2.1	305	40	3.6	0.0
19/09/2023 19:40	1.8	299	38	2.9	0.0
19/09/2023 19:50	2.1	308	29	3.1	0.0
19/09/2023 20:00	2.1	323	31	3.6	0.0
19/09/2023 20:10	1.9	290	34	3.5	0.0
19/09/2023 20:20	2.3	320	24	3.7	0.0
19/09/2023 20:30	2.0	315	29	3.4	0.0
19/09/2023 20:40	2.1	317	30	3.9	0.0
19/09/2023 20:50	1.5	298	49	3.0	0.0
19/09/2023 21:00	1.4	304	43	2.4	0.0
19/09/2023 21:10	1.8	309	34	3.1	0.0
19/09/2023 21:20	1.9	304	30	3.3	0.0
19/09/2023 21:30	1.6	299	32	3.1	0.0
19/09/2023 21:40	1.7	315	31	2.8	0.0
19/09/2023 21:50	1.4	290	44	2.3	0.0
19/09/2023 22:00	1.7	312	31	3.4	0.0
19/09/2023 22:10	1.5	299	39	2.8	0.0
19/09/2023 22:20	1.8	314	25	2.9	0.0
19/09/2023 22:30	2.1	322	32	3.5	0.0
19/09/2023 22:40	1.6	308	33	3.1	0.0
19/09/2023 22:50	2.0	320	22	3.8	0.0
19/09/2023 23:00	1.9	316	26	3.5	0.0
19/09/2023 23:10	2.0	326	26	3.2	0.0
19/09/2023 23:20	1.8	336	30	3.6	0.0
19/09/2023 23:30	1.5	328	26	2.6	0.0
19/09/2023 23:40	1.4	318	33	2.8	0.0
19/09/2023 23:50	1.5	322	26	2.7	0.0
20/09/2023 00:00	1.4	325	29	2.6	0.0
20/09/2023 00:10	1.1	342	36	2.3	0.0
20/09/2023 00:20	1.3	315	30	2.3	0.0
20/09/2023 00:30	1.7	319	20	3.3	0.0
20/09/2023 00:40	1.4	309	32	2.6	0.0
20/09/2023 00:50	1.2	318	33	2.4	0.0
20/09/2023 01:00	0.8	332	28	1.6	0.0
20/09/2023 01:10	0.7	291	41	1.6	0.0
20/09/2023 01:20	0.6	287	55	1.3	0.0
20/09/2023 01:30	0.6	318	36	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 01:40	0.8	169	54	2.4	0.0
20/09/2023 01:50	0.8	346	47	2.1	0.0
20/09/2023 02:00	0.6	302	53	1.4	0.0
20/09/2023 02:10	0.8	299	41	1.9	0.0
20/09/2023 02:20	1.0	316	29	2.0	0.0
20/09/2023 02:30	1.4	316	20	2.7	0.0
20/09/2023 02:40	1.2	329	28	2.1	0.0
20/09/2023 02:50	0.5	334	23	1.8	0.0
20/09/2023 03:00	0.4	196	37	1.0	0.0
20/09/2023 03:10	0.1	340	6	0.7	0.0
20/09/2023 03:20	0.3	17	14	1.2	0.0
20/09/2023 03:30	0.4	27	15	1.3	0.0
20/09/2023 03:40	0.2	41	7	1.7	0.0
20/09/2023 03:50	0.6	39	9	1.2	0.0
20/09/2023 04:00					0.0
20/09/2023 04:10	0.3	19	9	0.8	0.0
20/09/2023 04:20	0.1	208	5	0.6	0.0
20/09/2023 04:30	0.7	43	15	1.6	0.0
20/09/2023 04:40	0.2	60	6	0.9	0.0
20/09/2023 04:50	0.7	52	12	1.6	0.0
20/09/2023 05:00	0.1	30	10	0.8	0.0
20/09/2023 05:10	0.2	96	8	1.2	0.0
20/09/2023 05:20	0.6	336	8	1.2	0.0
20/09/2023 05:30	0.5	32	9	1.0	0.0
20/09/2023 05:40	0.9	24	15	1.2	0.0
20/09/2023 05:50	0.8	22	16	1.4	0.0
20/09/2023 06:00	0.6	17	12	1.2	0.0
20/09/2023 06:10	0.7	28	14	1.4	0.0
20/09/2023 06:20	1.0	31	15	1.5	0.0
20/09/2023 06:30	0.9	26	17	1.4	0.0
20/09/2023 06:40	0.7	33	17	1.2	0.0
20/09/2023 06:50	1.2	44	15	1.8	0.0
20/09/2023 07:00	0.8	48	22	1.4	0.0
20/09/2023 07:10	0.6	61	19	1.3	0.0
20/09/2023 07:20	1.1	67	22	1.7	0.0
20/09/2023 07:30	1.6	69	20	2.4	0.0
20/09/2023 07:40	1.5	68	18	2.3	0.0
20/09/2023 07:50	2.3	68	20	3.6	0.0
20/09/2023 08:00	2.2	74	22	3.6	0.0
20/09/2023 08:10	2.3	66	24	3.6	0.0
20/09/2023 08:20	2.5	62	25	3.7	0.0
20/09/2023 08:30	2.3	58	22	3.6	0.0
20/09/2023 08:40	2.6	59	21	4.4	0.0
20/09/2023 08:50	2.5	63	26	3.7	0.0
20/09/2023 09:00	2.3	48	25	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 09:10	2.9	51	21	4.5	0.0
20/09/2023 09:20	2.7	57	20	4.4	0.0
20/09/2023 09:30	2.8	56	27	4.1	0.0
20/09/2023 09:40	2.4	67	25	3.7	0.0
20/09/2023 09:50	2.5	63	22	4.0	0.0
20/09/2023 10:00	2.5	69	24	4.0	0.0
20/09/2023 10:10	2.6	62	23	5.0	0.0
20/09/2023 10:20	2.5	58	26	4.3	0.0
20/09/2023 10:30	2.4	72	28	3.9	0.0
20/09/2023 10:40	2.2	70	23	3.8	0.0
20/09/2023 10:50	2.4	73	29	4.0	0.0
20/09/2023 11:00	2.5	68	22	4.1	0.0
20/09/2023 11:10	2.6	64	22	4.5	0.0
20/09/2023 11:20	2.5	70	27	4.1	0.0
20/09/2023 11:30	2.8	59	25	4.2	0.0
20/09/2023 11:40	2.8	60	24	4.4	0.0
20/09/2023 11:50	2.9	69	22	4.8	0.0
20/09/2023 12:00	3.0	68	23	4.7	0.0
20/09/2023 12:10	3.2	63	24	4.7	0.0
20/09/2023 12:20	3.3	69	24	5.1	0.0
20/09/2023 12:30	3.2	58	23	5.5	0.0
20/09/2023 12:40	3.0	57	23	5.1	0.0
20/09/2023 12:50	3.2	56	22	5.3	0.0
20/09/2023 13:00	3.5	50	20	5.7	0.0
20/09/2023 13:10	3.7	53	19	5.6	0.0
20/09/2023 13:20	3.6	48	18	5.7	0.0
20/09/2023 13:30	3.6	56	17	5.7	0.0
20/09/2023 13:40	3.2	46	22	4.8	0.0
20/09/2023 13:50	3.4	51	23	5.2	0.0
20/09/2023 14:00	3.3	56	20	5.6	0.0
20/09/2023 14:10	2.8	30	29	4.5	0.0
20/09/2023 14:20	3.3	12	29	5.2	0.0
20/09/2023 14:30	2.9	22	34	4.9	0.0
20/09/2023 14:40	3.3	23	31	5.6	0.0
20/09/2023 14:50	3.1	14	28	5.6	0.0
20/09/2023 15:00	3.4	12	28	5.5	0.0
20/09/2023 15:10	3.0	11	31	5.2	0.0
20/09/2023 15:20	2.9	13	31	4.8	0.0
20/09/2023 15:30	3.1	8	34	5.8	0.0
20/09/2023 15:40	3.0	178	32	5.2	0.0
20/09/2023 15:50	3.3	180	30	5.4	0.0
20/09/2023 16:00	2.9	181	31	5.2	0.0
20/09/2023 16:10	2.8	177	29	4.6	0.0
20/09/2023 16:20	2.7	349	34	4.8	0.0
20/09/2023 16:30	2.5	176	35	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 16:40	2.5	2	30	4.0	0.0
20/09/2023 16:50	2.7	355	28	4.3	0.0
20/09/2023 17:00	2.9	335	27	5.1	0.0
20/09/2023 17:10	2.7	348	26	4.5	0.0
20/09/2023 17:20	3.1	340	33	5.1	0.0
20/09/2023 17:30	3.0	337	27	4.8	0.0
20/09/2023 17:40	3.4	347	25	5.2	0.0
20/09/2023 17:50	3.2	345	24	4.9	0.0
20/09/2023 18:00	3.3	344	25	4.6	0.0
20/09/2023 18:10	2.8	342	22	4.3	0.0
20/09/2023 18:20	2.4	345	26	4.1	0.0
20/09/2023 18:30	2.7	342	27	4.3	0.0
20/09/2023 18:40	2.5	334	28	4.0	0.0
20/09/2023 18:50	2.8	342	23	4.4	0.0
20/09/2023 19:00	2.9	336	27	4.5	0.0
20/09/2023 19:10	2.9	338	26	4.6	0.0
20/09/2023 19:20	2.9	339	22	4.4	0.0
20/09/2023 19:30	2.4	344	25	3.9	0.0
20/09/2023 19:40	2.3	338	23	3.6	0.0
20/09/2023 19:50	2.4	317	23	4.0	0.0
20/09/2023 20:00	2.0	334	31	3.5	0.0
20/09/2023 20:10	1.8	318	28	3.6	0.0
20/09/2023 20:20	2.5	322	25	4.8	0.0
20/09/2023 20:30	2.3	330	35	3.8	0.0
20/09/2023 20:40	2.4	316	30	4.0	0.0
20/09/2023 20:50	2.7	326	26	4.2	0.0
20/09/2023 21:00	1.9	319	31	3.6	0.0
20/09/2023 21:10	2.0	332	41	3.9	0.0
20/09/2023 21:20	2.3	321	33	4.4	0.0
20/09/2023 21:30	1.7	316	52	3.6	0.0
20/09/2023 21:40	2.3	318	33	4.4	0.0
20/09/2023 21:50	2.1	317	33	3.8	0.0
20/09/2023 22:00	2.2	309	40	4.6	0.0
20/09/2023 22:10	2.3	327	37	4.6	0.0
20/09/2023 22:20	1.8	323	35	3.1	0.0
20/09/2023 22:30	2.3	318	27	4.4	0.0
20/09/2023 22:40	2.1	322	38	4.4	0.0
20/09/2023 22:50	2.0	318	31	4.1	0.0
20/09/2023 23:00	2.5	320	26	3.8	0.0
20/09/2023 23:10	2.2	323	32	4.0	0.0
20/09/2023 23:20	2.5	319	25	4.3	0.0
20/09/2023 23:30	2.4	323	28	4.0	0.0
20/09/2023 23:40	2.1	322	28	3.8	0.0
20/09/2023 23:50	2.3	318	23	4.0	0.0
21/09/2023 00:00	1.8	316	36	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 00:10	1.8	307	37	3.3	0.0
21/09/2023 00:20	1.8	307	37	3.1	0.0
21/09/2023 00:30	1.8	304	38	3.2	0.0
21/09/2023 00:40	1.9	299	46	3.6	0.0
21/09/2023 00:50	1.9	303	45	3.5	0.0
21/09/2023 01:00	1.5	301	42	3.5	0.0
21/09/2023 01:10	1.3	279	41	2.8	0.0
21/09/2023 01:20	1.3	278	41	2.4	0.0
21/09/2023 01:30	1.7	270	28	2.8	0.0
21/09/2023 01:40	1.8	256	21	3.0	0.0
21/09/2023 01:50	1.7	258	22	2.6	0.0
21/09/2023 02:00	2.2	252	22	3.3	0.0
21/09/2023 02:10	2.4	255	16	3.4	0.0
21/09/2023 02:20	1.6	261	21	2.4	0.0
21/09/2023 02:30	1.8	240	20	3.1	0.0
21/09/2023 02:40	2.0	247	18	3.1	0.0
21/09/2023 02:50	2.2	251	16	3.2	0.0
21/09/2023 03:00	1.8	242	19	3.2	0.0
21/09/2023 03:10	1.8	241	19	3.2	0.0
21/09/2023 03:20	2.0	220	17	2.8	0.0
21/09/2023 03:30	1.8	222	17	2.7	0.0
21/09/2023 03:40	1.4	241	15	2.4	0.0
21/09/2023 03:50	1.2	236	18	1.8	0.0
21/09/2023 04:00	1.5	221	21	2.7	0.0
21/09/2023 04:10	1.7	229	23	2.5	0.0
21/09/2023 04:20	1.7	237	20	3.0	0.0
21/09/2023 04:30	2.0	240	17	3.0	0.0
21/09/2023 04:40	1.9	223	18	2.8	0.0
21/09/2023 04:50	1.8	234	20	2.8	0.0
21/09/2023 05:00	1.8	232	19	3.0	0.0
21/09/2023 05:10	1.8	230	20	2.9	0.0
21/09/2023 05:20	1.7	238	18	2.6	0.0
21/09/2023 05:30	1.9	247	18	2.9	0.0
21/09/2023 05:40	1.8	242	18	2.6	0.0
21/09/2023 05:50	1.5	234	24	2.7	0.0
21/09/2023 06:00	1.6	238	18	3.0	0.0
21/09/2023 06:10	1.4	239	23	2.4	0.0
21/09/2023 06:20	1.2	200	28	2.2	0.0
21/09/2023 06:30	1.2	215	23	1.8	0.0
21/09/2023 06:40	1.0	220	16	1.7	0.0
21/09/2023 06:50	1.3	204	20	2.2	0.0
21/09/2023 07:00	1.4	191	18	2.0	0.0
21/09/2023 07:10	1.7	190	16	2.4	0.0
21/09/2023 07:20	1.8	180	18	2.7	0.0
21/09/2023 07:30	1.4	150	26	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 07:40	1.5	150	25	2.5	0.0
21/09/2023 07:50	1.6	162	24	2.4	0.0
21/09/2023 08:00	1.8	153	25	2.9	0.0
21/09/2023 08:10	1.7	148	25	2.6	0.0
21/09/2023 08:20	1.5	120	39	2.4	0.0
21/09/2023 08:30	1.4	128	31	2.6	0.0
21/09/2023 08:40	1.9	165	29	3.2	0.0
21/09/2023 08:50	2.2	201	24	3.3	0.0
21/09/2023 09:00	2.2	188	22	3.2	0.0
21/09/2023 09:10	1.9	183	38	3.4	0.0
21/09/2023 09:20	2.0	212	44	3.4	0.0
21/09/2023 09:30	1.9	206	45	2.9	0.0
21/09/2023 09:40	1.5	252	43	2.7	0.0
21/09/2023 09:50	1.7	226	65	3.5	0.0
21/09/2023 10:00	2.3	234	33	4.0	0.0
21/09/2023 10:10	2.1	237	38	3.3	0.0
21/09/2023 10:20	2.3	251	21	3.6	0.0
21/09/2023 10:30	2.8	249	23	4.4	0.0
21/09/2023 10:40	3.0	255	21	4.4	0.0
21/09/2023 10:50	3.2	267	21	4.9	0.0
21/09/2023 11:00	3.0	249	20	4.4	0.0
21/09/2023 11:10	3.3	251	20	4.7	0.0
21/09/2023 11:20	3.5	239	22	5.2	0.0
21/09/2023 11:30	3.3	260	18	4.8	0.0
21/09/2023 11:40	3.5	248	21	5.3	0.0
21/09/2023 11:50	3.6	239	20	5.1	0.0
21/09/2023 12:00	3.8	244	20	5.4	0.0
21/09/2023 12:10	3.8	242	20	5.7	0.0
21/09/2023 12:20	3.8	243	21	5.8	0.0
21/09/2023 12:30	4.1	243	21	5.8	0.0
21/09/2023 12:40	4.2	242	19	6.1	0.0
21/09/2023 12:50	4.0	245	19	5.6	0.0
21/09/2023 13:00	4.2	247	16	6.0	0.0
21/09/2023 13:10	4.2	243	20	5.8	0.0
21/09/2023 13:20	4.3	233	20	6.1	0.0
21/09/2023 13:30	4.3	240	18	6.1	0.0
21/09/2023 13:40	4.4	242	18	6.0	0.0
21/09/2023 13:50	4.2	242	17	6.2	0.0
21/09/2023 14:00	4.2	245	21	6.3	0.0
21/09/2023 14:10	4.5	244	17	6.8	0.0
21/09/2023 14:20	4.2	245	20	6.8	0.0
21/09/2023 14:30	4.0	245	20	5.5	0.0
21/09/2023 14:40	4.1	253	20	6.3	0.0
21/09/2023 14:50	3.7	256	25	5.3	0.0
21/09/2023 15:00	4.0	243	19	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 15:10	3.6	256	21	5.5	0.0
21/09/2023 15:20	3.8	253	21	5.3	0.0
21/09/2023 15:30	3.7	257	20	5.5	0.0
21/09/2023 15:40	3.9	251	20	6.0	0.0
21/09/2023 15:50	3.7	250	18	5.1	0.0
21/09/2023 16:00	3.4	260	21	5.0	0.0
21/09/2023 16:10	3.6	252	18	4.9	0.0
21/09/2023 16:20	3.7	255	22	5.9	0.0
21/09/2023 16:30	3.8	256	19	5.5	0.0
21/09/2023 16:40	3.7	250	17	5.0	0.0
21/09/2023 16:50	3.5	255	18	5.4	0.0
21/09/2023 17:00	3.7	245	17	5.7	0.0
21/09/2023 17:10	3.5	242	16	4.7	0.0
21/09/2023 17:20	3.4	248	16	4.8	0.0
21/09/2023 17:30	3.4	245	15	4.8	0.0
21/09/2023 17:40	3.5	251	15	5.2	0.0
21/09/2023 17:50	3.4	248	15	5.0	0.0
21/09/2023 18:00	3.7	249	12	5.0	0.0
21/09/2023 18:10	3.3	251	14	4.7	0.0
21/09/2023 18:20	3.0	250	17	4.3	0.0
21/09/2023 18:30	3.2	252	17	4.8	0.0
21/09/2023 18:40	2.9	253	19	4.1	0.0
21/09/2023 18:50	2.7	252	14	4.1	0.0
21/09/2023 19:00	2.6	251	17	3.7	0.0
21/09/2023 19:10	2.7	255	16	3.9	0.0
21/09/2023 19:20	2.5	252	16	3.6	0.0
21/09/2023 19:30	2.5	253	15	3.6	0.0
21/09/2023 19:40	2.5	255	14	3.2	0.0
21/09/2023 19:50	2.3	253	14	3.4	0.0
21/09/2023 20:00	2.7	257	16	3.8	0.0
21/09/2023 20:10	2.7	259	16	3.7	0.0
21/09/2023 20:20	2.7	258	17	3.9	0.0
21/09/2023 20:30	2.6	261	16	3.4	0.0
21/09/2023 20:40	2.7	260	15	3.8	0.0
21/09/2023 20:50	2.7	263	15	3.6	0.0
21/09/2023 21:00	2.7	264	14	3.7	0.0
21/09/2023 21:10	2.7	263	15	3.9	0.0
21/09/2023 21:20	2.6	261	15	3.4	0.0
21/09/2023 21:30	2.5	260	15	3.5	0.0
21/09/2023 21:40	2.5	263	17	3.7	0.0
21/09/2023 21:50	2.6	262	16	4.0	0.0
21/09/2023 22:00	2.5	257	14	3.6	0.0
21/09/2023 22:10	2.6	263	16	3.6	0.0
21/09/2023 22:20	2.6	258	17	4.0	0.0
21/09/2023 22:30	2.4	255	16	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 22:40	2.3	255	15	3.6	0.0
21/09/2023 22:50	1.2	248	24	1.7	0.0
21/09/2023 23:00	1.6	251	18	2.8	0.0
21/09/2023 23:10	2.1	252	19	3.2	0.0
21/09/2023 23:20	3.0	257	15	4.4	0.0
21/09/2023 23:30	3.0	252	18	4.2	0.0
21/09/2023 23:40	2.9	251	17	4.5	0.0
21/09/2023 23:50	2.9	253	14	4.5	0.0
22/09/2023 00:00	2.6	243	16	4.4	0.0
22/09/2023 00:10	2.6	240	19	4.0	0.0
22/09/2023 00:20	2.4	242	18	3.9	0.0
22/09/2023 00:30	2.5	234	14	3.8	0.0
22/09/2023 00:40	2.5	231	17	3.6	0.0
22/09/2023 00:50	2.8	233	17	4.0	0.0
22/09/2023 01:00	3.0	234	17	4.2	0.0
22/09/2023 01:10	3.6	233	17	5.6	0.0
22/09/2023 01:20	3.5	234	16	5.0	0.0
22/09/2023 01:30	3.4	233	14	5.2	0.0
22/09/2023 01:40	3.1	236	15	4.4	0.0
22/09/2023 01:50	2.9	242	16	4.8	0.0
22/09/2023 02:00	3.1	244	17	4.7	0.0
22/09/2023 02:10	3.1	243	19	5.0	0.0
22/09/2023 02:20	3.3	242	19	4.7	0.0
22/09/2023 02:30	3.2	249	17	5.1	0.0
22/09/2023 02:40	3.0	243	17	4.8	0.0
22/09/2023 02:50	3.0	240	17	4.5	0.0
22/09/2023 03:00	2.7	252	19	4.1	0.0
22/09/2023 03:10	2.8	251	18	4.6	0.0
22/09/2023 03:20	3.2	250	17	4.6	0.0
22/09/2023 03:30	3.3	248	17	4.7	0.0
22/09/2023 03:40	2.9	241	18	4.0	0.0
22/09/2023 03:50	2.7	234	17	4.1	0.0
22/09/2023 04:00	2.4	250	18	3.4	0.0
22/09/2023 04:10	2.6	261	13	3.4	0.0
22/09/2023 04:20	2.6	262	15	4.0	0.0
22/09/2023 04:30	2.3	261	16	3.4	0.0
22/09/2023 04:40	2.4	259	15	3.6	0.0
22/09/2023 04:50	2.8	264	15	4.0	0.0
22/09/2023 05:00	2.4	261	15	3.4	0.0
22/09/2023 05:10	2.4	255	15	3.3	0.0
22/09/2023 05:20	2.0	263	17	2.8	0.0
22/09/2023 05:30	1.8	258	14	2.8	0.0
22/09/2023 05:40	2.3	266	16	3.3	0.0
22/09/2023 05:50	2.2	257	17	3.4	0.0
22/09/2023 06:00	2.4	259	14	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 06:10	1.7	251	18	2.5	0.0
22/09/2023 06:20	1.0	245	16	1.7	0.0
22/09/2023 06:30	0.7	251	31	1.5	0.0
22/09/2023 06:40	0.9	235	25	1.6	0.0
22/09/2023 06:50	1.3	229	19	1.8	0.0
22/09/2023 07:00	1.6	234	18	2.5	0.0
22/09/2023 07:10	1.6	258	21	2.4	0.0
22/09/2023 07:20	1.3	242	31	2.1	0.0
22/09/2023 07:30	1.3	263	28	2.0	0.0
22/09/2023 07:40	1.5	218	35	2.3	0.0
22/09/2023 07:50	1.1	151	32	1.9	0.0
22/09/2023 08:00	0.9	114	29	2.0	0.0
22/09/2023 08:10	1.3	144	28	2.0	0.0
22/09/2023 08:20	1.0	159	34	2.0	0.0
22/09/2023 08:30	1.1	132	36	1.7	0.0
22/09/2023 08:40	1.3	123	29	2.2	0.0
22/09/2023 08:50	1.2	128	29	1.9	0.0
22/09/2023 09:00	1.4	117	26	2.3	0.0
22/09/2023 09:10	1.4	130	33	2.2	0.0
22/09/2023 09:20	1.4	101	31	2.4	0.0
22/09/2023 09:30	1.2	129	44	2.0	0.0
22/09/2023 09:40	1.0	101	38	2.0	0.0
22/09/2023 09:50	1.0	135	59	1.6	0.0
22/09/2023 10:00	1.2	93	48	2.1	0.0
22/09/2023 10:10	1.5	142	40	2.6	0.0
22/09/2023 10:20	1.0	81	52	2.1	0.0
22/09/2023 10:30	1.3	191	70	2.2	0.0
22/09/2023 10:40	1.5	295	50	2.4	0.0
22/09/2023 10:50	1.7	333	30	3.0	0.0
22/09/2023 11:00	1.4	319	44	2.8	0.0
22/09/2023 11:10	1.6	285	49	3.3	0.0
22/09/2023 11:20	1.8	301	59	2.8	0.0
22/09/2023 11:30	2.4	323	26	3.9	0.0
22/09/2023 11:40	1.7	292	45	3.2	0.0
22/09/2023 11:50	1.9	300	46	3.1	0.0
22/09/2023 12:00	2.3	328	23	3.4	0.0
22/09/2023 12:10	2.2	331	32	3.6	0.0
22/09/2023 12:20	2.3	338	27	4.0	0.0
22/09/2023 12:30	2.2	340	27	3.4	0.0
22/09/2023 12:40	2.2	317	28	3.5	0.0
22/09/2023 12:50	2.5	338	23	3.8	0.0
22/09/2023 13:00	2.3	339	28	3.5	0.0
22/09/2023 13:10	2.5	343	24	4.2	0.0
22/09/2023 13:20	2.4	332	22	3.7	0.0
22/09/2023 13:30	2.3	322	27	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 13:40	2.4	329	27	3.7	0.0
22/09/2023 13:50	2.7	331	23	4.1	0.0
22/09/2023 14:00	2.1	296	43	3.6	0.0
22/09/2023 14:10	2.8	254	30	5.0	0.0
22/09/2023 14:20	3.0	249	23	4.7	0.0
22/09/2023 14:30	2.9	267	23	4.5	0.0
22/09/2023 14:40	3.1	247	28	4.9	0.0
22/09/2023 14:50	3.6	246	17	5.5	0.0
22/09/2023 15:00	3.4	247	18	5.2	0.0
22/09/2023 15:10	3.4	248	22	5.3	0.0
22/09/2023 15:20	3.2	253	20	4.6	0.0
22/09/2023 15:30	2.9	262	22	4.4	0.0
22/09/2023 15:40	3.3	249	17	5.1	0.0
22/09/2023 15:50	3.4	241	19	5.3	0.0
22/09/2023 16:00	3.4	242	17	5.0	0.0
22/09/2023 16:10	3.2	246	20	4.8	0.0
22/09/2023 16:20	3.4	245	19	4.9	0.0
22/09/2023 16:30	3.6	254	15	4.9	0.0
22/09/2023 16:40	3.4	252	17	4.8	0.0
22/09/2023 16:50	3.3	250	16	4.8	0.0
22/09/2023 17:00	3.1	241	19	4.4	0.0
22/09/2023 17:10	3.4	250	14	4.8	0.0
22/09/2023 17:20	3.3	252	15	4.4	0.0
22/09/2023 17:30	3.4	253	14	4.8	0.0
22/09/2023 17:40	3.6	251	13	5.2	0.0
22/09/2023 17:50	3.2	251	16	4.8	0.0
22/09/2023 18:00	2.9	252	16	3.9	0.0
22/09/2023 18:10	3.0	251	15	4.0	0.0
22/09/2023 18:20	2.9	254	15	3.9	0.0
22/09/2023 18:30	2.5	252	16	3.5	0.0
22/09/2023 18:40	2.4	261	16	3.3	0.0
22/09/2023 18:50	2.4	257	13	3.3	0.0
22/09/2023 19:00	2.5	258	14	3.6	0.0
22/09/2023 19:10	2.6	256	16	3.6	0.0
22/09/2023 19:20	2.8	253	15	4.2	0.0
22/09/2023 19:30	2.4	255	16	3.6	0.0
22/09/2023 19:40	2.7	254	12	3.7	0.0
22/09/2023 19:50	2.7	258	12	3.7	0.0
22/09/2023 20:00	2.5	263	15	3.6	0.0
22/09/2023 20:10	2.5	260	12	3.4	0.0
22/09/2023 20:20	2.8	264	15	4.1	0.0
22/09/2023 20:30	2.6	261	14	3.6	0.0
22/09/2023 20:40	2.5	252	14	3.7	0.0
22/09/2023 20:50	3.0	247	17	4.2	0.0
22/09/2023 21:00	3.3	254	15	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 21:10	3.1	252	16	4.6	0.0
22/09/2023 21:20	3.4	253	16	4.6	0.0
22/09/2023 21:30	3.5	255	16	4.9	0.0
22/09/2023 21:40	3.0	251	17	4.3	0.0
22/09/2023 21:50	2.9	254	16	4.4	0.0
22/09/2023 22:00	2.5	253	16	3.9	0.0
22/09/2023 22:10	3.0	258	17	4.1	0.0
22/09/2023 22:20	2.9	258	13	4.0	0.0
22/09/2023 22:30	2.4	260	13	3.7	0.0
22/09/2023 22:40	2.9	265	14	4.0	0.0
22/09/2023 22:50	3.1	263	14	4.8	0.0
22/09/2023 23:00	3.6	257	15	5.1	0.0
22/09/2023 23:10	3.1	255	16	4.4	0.0
22/09/2023 23:20	3.0	257	15	4.3	0.0
22/09/2023 23:30	2.7	256	17	4.0	0.0
22/09/2023 23:40	3.2	261	18	4.5	0.0
22/09/2023 23:50	3.0	257	14	4.4	0.0
23/09/2023 00:00	3.6	260	16	5.2	0.0
23/09/2023 00:10	3.5	263	14	4.8	0.0
23/09/2023 00:20	3.3	258	15	4.5	0.0
23/09/2023 00:30	3.3	264	14	4.4	0.0
23/09/2023 00:40	3.1	262	15	4.5	0.0
23/09/2023 00:50	3.2	259	14	4.6	0.0
23/09/2023 01:00	3.4	263	17	5.2	0.0
23/09/2023 01:10	3.7	262	14	5.1	0.0
23/09/2023 01:20	3.4	258	15	4.5	0.0
23/09/2023 01:30	2.4	252	16	4.0	0.0
23/09/2023 01:40	2.7	263	17	3.7	0.0
23/09/2023 01:50	2.6	262	16	4.0	0.0
23/09/2023 02:00	2.8	270	16	3.5	0.0
23/09/2023 02:10	2.7	271	18	3.7	0.0
23/09/2023 02:20	2.7	271	20	3.9	0.0
23/09/2023 02:30	2.7	269	15	3.8	0.0
23/09/2023 02:40	2.6	264	19	4.0	0.0
23/09/2023 02:50	2.5	266	20	3.6	0.0
23/09/2023 03:00	2.5	271	16	3.5	0.0
23/09/2023 03:10	2.6	275	16	3.6	0.0
23/09/2023 03:20	2.6	281	18	3.8	0.0
23/09/2023 03:30	2.7	285	19	3.8	0.0
23/09/2023 03:40	2.7	281	17	4.0	0.0
23/09/2023 03:50	2.9	277	17	4.8	0.0
23/09/2023 04:00	2.7	272	17	4.2	0.0
23/09/2023 04:10	2.8	270	18	4.1	0.0
23/09/2023 04:20	2.6	282	21	4.0	0.0
23/09/2023 04:30	2.6	277	17	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 04:40	3.0	269	15	4.6	0.0
23/09/2023 04:50	2.6	272	22	4.4	0.0
23/09/2023 05:00	2.5	281	23	4.4	0.0
23/09/2023 05:10	2.8	266	15	3.9	0.0
23/09/2023 05:20	2.7	270	18	3.9	0.0
23/09/2023 05:30	2.5	264	17	3.9	0.0
23/09/2023 05:40	2.7	265	17	4.1	0.0
23/09/2023 05:50	2.6	264	19	3.9	0.0
23/09/2023 06:00	2.3	260	22	3.5	0.0
23/09/2023 06:10	2.4	275	22	3.4	0.0
23/09/2023 06:20	2.7	269	20	3.8	0.0
23/09/2023 06:30	2.5	257	21	4.0	0.0
23/09/2023 06:40	2.3	256	26	3.8	0.0
23/09/2023 06:50	2.1	259	19	3.2	0.0
23/09/2023 07:00	2.1	259	21	3.1	0.0
23/09/2023 07:10	2.0	253	21	2.9	0.0
23/09/2023 07:20	2.3	254	19	3.5	0.0
23/09/2023 07:30	2.1	237	19	3.7	0.0
23/09/2023 07:40	2.2	254	21	3.4	0.0
23/09/2023 07:50	2.2	236	21	3.3	0.0
23/09/2023 08:00	1.7	205	30	2.9	0.0
23/09/2023 08:10	1.9	215	33	3.0	0.0
23/09/2023 08:20	1.7	194	30	3.2	0.0
23/09/2023 08:30	2.4	188	32	3.8	0.0
23/09/2023 08:40	2.2	197	28	3.4	0.0
23/09/2023 08:50	2.3	205	24	3.7	0.0
23/09/2023 09:00	2.4	218	26	3.7	0.0
23/09/2023 09:10	2.5	231	27	3.8	0.0
23/09/2023 09:20	2.5	210	22	3.9	0.0
23/09/2023 09:30	2.5	206	26	4.0	0.0
23/09/2023 09:40	2.7	208	19	4.5	0.0
23/09/2023 09:50	2.8	201	23	4.2	0.0
23/09/2023 10:00	2.4	184	30	3.8	0.0
23/09/2023 10:10	2.5	194	26	4.4	0.0
23/09/2023 10:20	2.5	192	26	4.5	0.0
23/09/2023 10:30	1.9	222	45	4.3	0.0
23/09/2023 10:40	2.4	221	27	3.8	0.0
23/09/2023 10:50	2.8	210	38	4.7	0.0
23/09/2023 11:00	2.5	205	42	4.5	0.0
23/09/2023 11:10	2.8	230	23	4.6	0.0
23/09/2023 11:20	2.6	249	25	4.4	0.0
23/09/2023 11:30	2.3	255	36	4.4	0.0
23/09/2023 11:40	2.4	279	45	5.0	0.0
23/09/2023 11:50	2.8	254	22	4.6	0.0
23/09/2023 12:00	3.7	247	15	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 12:10	3.0	252	24	4.5	0.0
23/09/2023 12:20	3.2	251	18	4.7	0.0
23/09/2023 12:30	3.5	240	19	5.0	0.0
23/09/2023 12:40	3.8	244	18	5.8	0.0
23/09/2023 12:50	3.8	245	18	5.6	0.0
23/09/2023 13:00	3.7	244	20	5.6	0.0
23/09/2023 13:10	3.9	244	17	6.0	0.0
23/09/2023 13:20	4.4	245	14	6.0	0.0
23/09/2023 13:30	4.3	246	17	6.0	0.0
23/09/2023 13:40	4.0	248	19	6.6	0.0
23/09/2023 13:50	4.0	257	17	5.7	0.0
23/09/2023 14:00	4.2	249	19	5.7	0.0
23/09/2023 14:10	4.5	244	16	6.0	0.0
23/09/2023 14:20	4.5	242	16	6.7	0.0
23/09/2023 14:30	4.6	243	18	6.2	0.0
23/09/2023 14:40	4.4	242	18	6.1	0.0
23/09/2023 14:50	4.7	243	15	6.4	0.0
23/09/2023 15:00	4.5	251	16	6.9	0.0
23/09/2023 15:10	4.5	241	16	6.8	0.0
23/09/2023 15:20	5.2	247	15	7.0	0.0
23/09/2023 15:30	4.3	242	15	6.0	0.0
23/09/2023 15:40	4.2	250	19	6.4	0.0
23/09/2023 15:50	4.7	241	17	6.4	0.0
23/09/2023 16:00	4.4	237	17	6.2	0.0
23/09/2023 16:10	4.2	240	18	5.6	0.0
23/09/2023 16:20	4.3	243	16	6.1	0.0
23/09/2023 16:30	4.7	248	15	6.4	0.0
23/09/2023 16:40	4.6	250	16	7.2	0.0
23/09/2023 16:50	4.0	258	17	6.1	0.0
23/09/2023 17:00	4.2	254	18	6.0	0.0
23/09/2023 17:10	4.9	251	16	7.1	0.0
23/09/2023 17:20	4.2	251	19	6.3	0.0
23/09/2023 17:30	5.0	253	17	6.8	0.0
23/09/2023 17:40	4.9	249	15	7.3	0.0
23/09/2023 17:50	4.6	251	15	6.4	0.0
23/09/2023 18:00	4.1	250	16	6.0	0.0
23/09/2023 18:10	4.3	251	18	6.4	0.0
23/09/2023 18:20	4.4	251	17	5.8	0.0
23/09/2023 18:30	3.6	254	20	5.1	0.0
23/09/2023 18:40	3.2	255	20	5.2	0.0
23/09/2023 18:50	3.1	262	21	5.2	0.0
23/09/2023 19:00	3.7	253	19	5.6	0.0
23/09/2023 19:10	3.6	256	21	5.4	0.0
23/09/2023 19:20	3.5	250	17	5.1	0.0
23/09/2023 19:30	3.4	251	16	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 19:40	3.8	255	15	5.5	0.0
23/09/2023 19:50	3.6	250	17	5.6	0.0
23/09/2023 20:00	2.9	249	19	4.8	0.0
23/09/2023 20:10	3.0	242	21	5.2	0.0
23/09/2023 20:20	3.1	244	19	5.0	0.0
23/09/2023 20:30	3.2	259	17	5.0	0.0
23/09/2023 20:40	3.4	262	17	4.8	0.0
23/09/2023 20:50	2.5	256	18	3.7	0.0
23/09/2023 21:00	2.6	251	16	4.8	0.0
23/09/2023 21:10	2.5	262	17	3.8	0.0
23/09/2023 21:20	2.9	262	13	4.3	0.0
23/09/2023 21:30	2.6	251	20	4.0	0.0
23/09/2023 21:40	2.7	254	17	4.2	0.0
23/09/2023 21:50	3.2	254	20	4.6	0.0
23/09/2023 22:00	3.3	252	19	4.7	0.0
23/09/2023 22:10	2.8	247	22	4.4	0.0
23/09/2023 22:20	2.6	228	20	4.1	0.0
23/09/2023 22:30	2.7	221	18	4.7	0.0
23/09/2023 22:40	2.8	214	18	4.7	0.0
23/09/2023 22:50	3.3	222	17	4.8	0.0
23/09/2023 23:00	3.7	210	16	5.5	0.0
23/09/2023 23:10	4.6	211	17	6.4	0.0
23/09/2023 23:20	3.8	209	19	6.4	0.0
23/09/2023 23:30	3.3	194	16	4.9	0.0
23/09/2023 23:40	4.2	192	15	6.8	0.0
23/09/2023 23:50	4.2	189	16	6.1	0.0
24/09/2023 00:00	4.0	187	17	5.9	0.0
24/09/2023 00:10	4.0	193	18	5.9	0.0
24/09/2023 00:20	3.7	192	18	6.4	0.0
24/09/2023 00:30	4.0	192	16	5.9	0.0
24/09/2023 00:40	4.4	190	17	6.0	0.0
24/09/2023 00:50	4.1	192	15	6.0	0.0
24/09/2023 01:00	4.1	192	17	6.2	0.0
24/09/2023 01:10	4.1	194	17	6.6	0.0
24/09/2023 01:20	3.8	190	17	6.0	0.0
24/09/2023 01:30	3.6	194	16	5.2	0.0
24/09/2023 01:40	3.6	193	18	5.6	0.0
24/09/2023 01:50	3.2	191	16	5.5	0.0
24/09/2023 02:00	2.8	196	17	4.4	0.0
24/09/2023 02:10	2.7	197	18	4.0	0.0
24/09/2023 02:20	3.3	190	18	5.1	0.0
24/09/2023 02:30	3.1	193	18	5.0	0.0
24/09/2023 02:40	2.9	189	20	4.8	0.0
24/09/2023 02:50	3.0	192	17	4.6	0.0
24/09/2023 03:00	2.5	185	21	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 03:10	2.7	187	21	4.4	0.0
24/09/2023 03:20	2.4	188	21	3.6	0.0
24/09/2023 03:30	3.0	187	18	5.6	0.0
24/09/2023 03:40	3.0	190	18	4.9	0.0
24/09/2023 03:50	2.4	184	21	3.5	0.0
24/09/2023 04:00	2.2	187	22	3.4	0.0
24/09/2023 04:10	2.0	192	21	3.4	0.0
24/09/2023 04:20	1.9	171	24	3.1	0.0
24/09/2023 04:30	2.0	175	26	3.2	0.0
24/09/2023 04:40	1.8	173	28	3.0	0.0
24/09/2023 04:50	1.6	161	30	2.8	0.0
24/09/2023 05:00	1.2	149	29	2.0	0.0
24/09/2023 05:10	0.9	140	34	1.7	0.0
24/09/2023 05:20	0.3	151	46	0.9	0.0
24/09/2023 05:30	0.7	292	24	1.5	0.0
24/09/2023 05:40	1.1	238	23	1.8	0.0
24/09/2023 05:50	1.4	243	19	1.9	0.0
24/09/2023 06:00	1.2	244	16	1.7	0.0
24/09/2023 06:10	1.2	232	21	1.9	0.0
24/09/2023 06:20	0.7	248	19	1.3	0.0
24/09/2023 06:30	1.0	247	25	1.6	0.0
24/09/2023 06:40	1.3	239	19	2.0	0.0
24/09/2023 06:50	0.8	246	36	1.3	0.0
24/09/2023 07:00	0.6	282	32	1.2	0.0
24/09/2023 07:10	0.9	264	49	1.6	0.0
24/09/2023 07:20	0.4	183	34	1.0	0.0
24/09/2023 07:30	0.2	176	27	0.7	0.0
24/09/2023 07:40	0.7	159	36	1.6	0.0
24/09/2023 07:50	1.3	165	31	2.0	0.0
24/09/2023 08:00	1.1	155	35	2.1	0.0
24/09/2023 08:10	1.3	153	29	2.5	0.0
24/09/2023 08:20	1.3	149	30	2.2	0.0
24/09/2023 08:30	1.6	133	32	2.4	0.0
24/09/2023 08:40	1.7	116	29	2.4	0.0
24/09/2023 08:50	1.7	120	31	2.7	0.0
24/09/2023 09:00	1.7	124	31	2.9	0.0
24/09/2023 09:10	1.9	119	26	3.2	0.0
24/09/2023 09:20	1.7	130	38	2.8	0.0
24/09/2023 09:30	1.8	152	33	3.0	0.0
24/09/2023 09:40	1.7	150	36	3.1	0.0
24/09/2023 09:50	1.7	143	34	2.6	0.0
24/09/2023 10:00	1.5	139	35	2.4	0.0
24/09/2023 10:10	1.6	131	33	2.4	0.0
24/09/2023 10:20	1.4	125	41	2.4	0.0
24/09/2023 10:30	1.7	154	32	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 10:40	1.7	153	32	3.3	0.0
24/09/2023 10:50	2.1	175	26	3.7	0.0
24/09/2023 11:00	1.7	144	35	3.2	0.0
24/09/2023 11:10	1.6	148	45	2.7	0.0
24/09/2023 11:20	1.5	107	45	2.6	0.0
24/09/2023 11:30	1.9	176	48	3.5	0.0
24/09/2023 11:40	2.4	241	28	3.9	0.0
24/09/2023 11:50	2.0	251	36	3.2	0.0
24/09/2023 12:00	1.8	241	56	3.5	0.0
24/09/2023 12:10	2.5	339	29	3.9	0.0
24/09/2023 12:20	2.9	333	20	3.9	0.0
24/09/2023 12:30	2.6	324	28	4.0	0.0
24/09/2023 12:40	3.0	329	19	4.5	0.0
24/09/2023 12:50	2.7	340	24	4.2	0.0
24/09/2023 13:00	3.1	327	23	4.5	0.0
24/09/2023 13:10	2.9	331	24	4.5	0.0
24/09/2023 13:20	2.4	318	35	4.1	0.0
24/09/2023 13:30	2.4	284	42	4.0	0.0
24/09/2023 13:40	2.4	289	42	4.4	0.0
24/09/2023 13:50	2.6	267	29	4.3	0.0
24/09/2023 14:00	3.4	257	21	5.2	0.0
24/09/2023 14:10	4.0	253	18	5.6	0.0
24/09/2023 14:20	4.2	240	16	6.2	0.0
24/09/2023 14:30	4.0	246	16	5.6	0.0
24/09/2023 14:40	4.2	241	18	5.8	0.0
24/09/2023 14:50	4.6	239	16	6.6	0.0
24/09/2023 15:00	4.8	241	14	6.6	0.0
24/09/2023 15:10	4.2	245	17	5.5	0.0
24/09/2023 15:20	4.7	241	20	6.5	0.0
24/09/2023 15:30	4.8	247	19	7.0	0.0
24/09/2023 15:40	5.1	248	15	6.9	0.0
24/09/2023 15:50	4.6	252	17	7.2	0.0
24/09/2023 16:00	5.3	247	16	7.4	0.0
24/09/2023 16:10	4.8	253	17	7.1	0.0
24/09/2023 16:20	4.5	259	19	6.4	0.0
24/09/2023 16:30	4.3	254	18	6.0	0.0
24/09/2023 16:40	4.6	252	16	6.7	0.0
24/09/2023 16:50	4.9	249	16	7.1	0.0
24/09/2023 17:00	4.6	254	17	6.6	0.0
24/09/2023 17:10	4.2	252	17	6.0	0.0
24/09/2023 17:20	4.9	250	14	7.8	0.0
24/09/2023 17:30	4.7	256	16	6.4	0.0
24/09/2023 17:40	4.2	252	15	6.0	0.0
24/09/2023 17:50	4.3	253	14	6.0	0.0
24/09/2023 18:00	3.9	255	16	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 18:10	4.0	256	19	5.8	0.0
24/09/2023 18:20	4.4	255	18	6.1	0.0
24/09/2023 18:30	4.8	255	14	6.4	0.0
24/09/2023 18:40	4.5	257	15	6.2	0.0
24/09/2023 18:50	4.2	256	17	6.2	0.0
24/09/2023 19:00	4.4	259	15	6.4	0.0
24/09/2023 19:10	4.5	254	14	6.4	0.0
24/09/2023 19:20	4.5	251	17	6.4	0.0
24/09/2023 19:30	4.8	254	15	6.4	0.0
24/09/2023 19:40	4.8	253	15	7.2	0.0
24/09/2023 19:50	5.0	251	17	7.2	0.0
24/09/2023 20:00	4.6	250	16	6.9	0.0
24/09/2023 20:10	4.8	257	17	6.8	0.0
24/09/2023 20:20	4.7	254	16	6.4	0.0
24/09/2023 20:30	4.8	260	14	6.7	0.0
24/09/2023 20:40	4.4	255	15	6.3	0.0
24/09/2023 20:50	4.3	252	18	6.1	0.0
24/09/2023 21:00	4.6	253	16	6.8	0.0
24/09/2023 21:10	4.0	257	17	6.2	0.0
24/09/2023 21:20	4.4	255	17	6.5	0.0
24/09/2023 21:30	4.2	248	18	6.1	0.0
24/09/2023 21:40	4.3	252	18	6.8	0.0
24/09/2023 21:50	4.0	248	17	6.0	0.0
24/09/2023 22:00	3.5	253	16	5.1	0.0
24/09/2023 22:10	3.8	248	16	6.0	0.0
24/09/2023 22:20	4.0	250	16	6.3	0.0
24/09/2023 22:30	4.2	253	18	7.2	0.0
24/09/2023 22:40	4.5	250	17	6.7	0.0
24/09/2023 22:50	4.3	250	17	6.8	0.0
24/09/2023 23:00	4.2	244	15	6.2	0.0
24/09/2023 23:10	4.0	242	16	6.1	0.0
24/09/2023 23:20	4.4	247	20	6.7	0.0
24/09/2023 23:30	4.9	237	21	7.6	0.0
24/09/2023 23:40	4.4	241	18	6.8	0.0
24/09/2023 23:50	4.3	250	19	6.4	0.0
25/09/2023 00:00	4.1	241	20	6.1	0.0
25/09/2023 00:10	4.3	249	19	6.5	0.0
25/09/2023 00:20	4.4	253	16	6.4	0.0
25/09/2023 00:30	4.1	251	20	6.8	0.0
25/09/2023 00:40	3.8	250	21	5.8	0.0
25/09/2023 00:50	3.9	241	19	5.8	0.0
25/09/2023 01:00	3.9	238	20	6.4	0.0
25/09/2023 01:10	3.5	243	18	5.5	0.0
25/09/2023 01:20	4.0	240	16	5.9	0.0
25/09/2023 01:30	3.8	240	20	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 01:40	4.0	251	18	5.6	0.0
25/09/2023 01:50	4.0	247	18	6.3	0.0
25/09/2023 02:00	3.9	246	18	6.0	0.0
25/09/2023 02:10	3.7	250	19	5.5	0.0
25/09/2023 02:20	3.9	244	18	6.3	0.0
25/09/2023 02:30	3.9	250	19	5.7	0.0
25/09/2023 02:40	4.2	252	17	5.6	0.0
25/09/2023 02:50	3.7	251	20	5.6	0.0
25/09/2023 03:00	3.2	246	19	5.3	0.0
25/09/2023 03:10	3.5	244	17	5.6	0.0
25/09/2023 03:20	3.6	245	16	5.1	0.0
25/09/2023 03:30	3.5	255	17	5.1	0.0
25/09/2023 03:40	4.0	259	17	6.0	0.0
25/09/2023 03:50	3.3	255	17	4.7	0.0
25/09/2023 04:00	3.2	252	18	4.6	0.0
25/09/2023 04:10	3.3	248	17	4.8	0.0
25/09/2023 04:20	3.7	245	18	5.3	0.0
25/09/2023 04:30	3.7	241	17	6.6	0.0
25/09/2023 04:40	3.4	241	18	5.6	0.0
25/09/2023 04:50	3.5	244	21	5.3	0.0
25/09/2023 05:00	3.4	243	19	5.8	0.0
25/09/2023 05:10	3.1	243	20	5.1	0.0
25/09/2023 05:20	3.3	240	18	5.1	0.0
25/09/2023 05:30	3.5	240	18	5.6	0.0
25/09/2023 05:40	3.6	241	19	5.3	0.0
25/09/2023 05:50	3.8	239	18	5.6	0.0
25/09/2023 06:00	3.8	239	18	5.6	0.0
25/09/2023 06:10	3.4	245	18	5.0	0.0
25/09/2023 06:20	3.0	247	20	4.6	0.0
25/09/2023 06:30	3.1	251	18	4.4	0.0
25/09/2023 06:40	2.9	253	18	4.5	0.0
25/09/2023 06:50	2.7	259	17	3.8	0.0
25/09/2023 07:00	2.9	254	18	4.0	0.0
25/09/2023 07:10	2.6	246	24	4.0	0.0
25/09/2023 07:20	2.8	239	19	4.6	0.0
25/09/2023 07:30	3.3	239	16	5.0	0.0
25/09/2023 07:40	3.5	237	18	5.2	0.0
25/09/2023 07:50	2.9	234	20	4.4	0.0
25/09/2023 08:00	3.7	241	18	5.6	0.0
25/09/2023 08:10	3.4	235	19	4.6	0.0
25/09/2023 08:20	3.7	236	22	5.4	0.0
25/09/2023 08:30	3.6	232	18	5.8	0.0
25/09/2023 08:40	3.8	233	20	6.2	0.0
25/09/2023 08:50	4.3	220	23	6.7	0.0
25/09/2023 09:00	4.0	235	21	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 09:10	4.8	217	18	7.5	0.0
25/09/2023 09:20	4.8	215	19	7.5	0.0
25/09/2023 09:30	4.4	224	22	6.8	0.0
25/09/2023 09:40	4.6	228	21	7.2	0.0
25/09/2023 09:50	4.4	217	20	6.8	0.0
25/09/2023 10:00	5.1	222	16	7.5	0.0
25/09/2023 10:10	5.1	223	18	7.5	0.0
25/09/2023 10:20	4.4	230	21	6.5	0.0
25/09/2023 10:30	4.8	231	25	7.3	0.0
25/09/2023 10:40	4.8	239	19	6.8	0.0
25/09/2023 10:50	5.0	231	23	7.5	0.0
25/09/2023 11:00	4.6	220	21	6.6	0.0
25/09/2023 11:10	4.5	234	23	7.5	0.0
25/09/2023 11:20	3.9	241	22	6.0	0.0
25/09/2023 11:30	3.8	259	19	5.4	0.0
25/09/2023 11:40	4.0	260	20	6.5	0.0
25/09/2023 11:50	4.3	250	15	6.5	0.0
25/09/2023 12:00	4.3	255	16	6.0	0.0
25/09/2023 12:10	4.5	253	19	6.5	0.0
25/09/2023 12:20	4.8	253	13	7.1	0.0
25/09/2023 12:30	5.2	251	14	6.9	0.0
25/09/2023 12:40	5.3	247	16	7.2	0.0
25/09/2023 12:50	5.0	250	19	7.1	0.0
25/09/2023 13:00	4.8	255	16	6.8	0.0
25/09/2023 13:10	4.7	248	16	6.8	0.0
25/09/2023 13:20	5.0	250	20	7.7	0.0
25/09/2023 13:30	4.6	247	18	7.2	0.0
25/09/2023 13:40	5.3	247	15	8.5	0.0
25/09/2023 13:50	5.4	241	14	7.1	0.0
25/09/2023 14:00	4.7	249	16	6.8	0.0
25/09/2023 14:10	5.2	247	19	7.3	0.0
25/09/2023 14:20	5.3	250	15	7.4	0.0
25/09/2023 14:30	5.3	248	17	8.4	0.0
25/09/2023 14:40	5.3	247	17	7.9	0.0
25/09/2023 14:50	5.3	254	16	8.1	0.0
25/09/2023 15:00	5.3	255	17	7.3	0.0
25/09/2023 15:10	5.0	253	18	7.5	0.0
25/09/2023 15:20	5.0	250	16	8.0	0.0
25/09/2023 15:30	5.7	247	15	7.9	0.0
25/09/2023 15:40	5.5	250	19	8.0	0.0
25/09/2023 15:50	5.4	248	16	7.5	0.0
25/09/2023 16:00	5.1	250	17	7.6	0.0
25/09/2023 16:10	5.0	252	16	7.0	0.0
25/09/2023 16:20	4.8	254	18	7.4	0.0
25/09/2023 16:30	5.0	249	19	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 16:40	5.3	254	15	7.6	0.0
25/09/2023 16:50	5.3	251	17	7.5	0.0
25/09/2023 17:00	4.7	247	17	6.6	0.0
25/09/2023 17:10	4.5	254	18	6.8	0.0
25/09/2023 17:20	5.0	254	13	7.5	0.0
25/09/2023 17:30	4.8	259	17	7.3	0.0
25/09/2023 17:40	5.1	255	13	7.1	0.0
25/09/2023 17:50	4.3	258	19	6.2	0.0
25/09/2023 18:00	4.2	259	16	6.3	0.0
25/09/2023 18:10	4.2	257	14	5.6	0.0
25/09/2023 18:20	4.4	256	15	6.0	0.0
25/09/2023 18:30	4.3	258	18	6.0	0.0
25/09/2023 18:40	4.4	255	16	6.4	0.0
25/09/2023 18:50	4.4	254	16	6.6	0.0
25/09/2023 19:00	3.9	252	16	5.8	0.0
25/09/2023 19:10	3.8	253	16	5.7	0.0
25/09/2023 19:20	4.1	255	15	5.8	0.0
25/09/2023 19:30	3.9	254	16	5.6	0.0
25/09/2023 19:40	3.6	254	16	5.2	0.0
25/09/2023 19:50	3.5	254	16	5.0	0.0
25/09/2023 20:00	3.4	257	15	5.5	0.0
25/09/2023 20:10	3.3	254	16	5.2	0.0
25/09/2023 20:20	3.3	253	14	4.8	0.0
25/09/2023 20:30	3.5	254	14	5.3	0.0
25/09/2023 20:40	3.6	255	17	5.2	0.0
25/09/2023 20:50	3.5	254	16	4.9	0.0
25/09/2023 21:00	3.6	256	14	5.0	0.0
25/09/2023 21:10	3.1	256	15	4.4	0.0
25/09/2023 21:20	3.3	257	14	5.0	0.0
25/09/2023 21:30	3.2	252	15	4.7	0.0
25/09/2023 21:40	3.1	255	13	4.4	0.0
25/09/2023 21:50	3.2	255	15	4.4	0.0
25/09/2023 22:00	3.2	257	14	4.5	0.0
25/09/2023 22:10	3.1	255	15	4.5	0.0
25/09/2023 22:20	3.3	256	16	4.7	0.0
25/09/2023 22:30	2.9	256	18	4.3	0.0
25/09/2023 22:40	2.8	255	18	4.2	0.0
25/09/2023 22:50	3.2	258	16	4.4	0.0
25/09/2023 23:00	3.0	259	16	4.7	0.0
25/09/2023 23:10	2.9	258	15	4.2	0.0
25/09/2023 23:20	2.7	257	16	3.8	0.0
25/09/2023 23:30	2.9	259	13	4.0	0.0
25/09/2023 23:40	2.9	259	17	4.3	0.0
25/09/2023 23:50	3.1	258	17	4.4	0.0
26/09/2023 00:00	2.8	261	16	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 00:10	3.2	261	13	4.6	0.0
26/09/2023 00:20	3.0	262	15	4.2	0.0
26/09/2023 00:30	2.7	269	15	4.0	0.0
26/09/2023 00:40	2.4	269	19	3.5	0.0
26/09/2023 00:50	2.2	275	20	3.3	0.0
26/09/2023 01:00	2.3	273	22	3.4	0.0
26/09/2023 01:10	2.3	266	19	3.3	0.0
26/09/2023 01:20	2.1	278	19	3.2	0.0
26/09/2023 01:30	2.0	275	20	3.4	0.0
26/09/2023 01:40	2.0	286	22	3.0	0.0
26/09/2023 01:50	2.5	275	20	4.0	0.0
26/09/2023 02:00	2.6	277	18	4.0	0.0
26/09/2023 02:10	3.2	265	14	4.8	0.0
26/09/2023 02:20	2.9	272	16	4.2	0.0
26/09/2023 02:30	3.4	268	16	4.6	0.0
26/09/2023 02:40	3.1	267	16	4.4	0.0
26/09/2023 02:50	3.3	265	15	4.6	0.0
26/09/2023 03:00	3.3	264	15	4.4	0.0
26/09/2023 03:10	3.3	266	17	4.6	0.0
26/09/2023 03:20	3.3	261	16	5.2	0.0
26/09/2023 03:30	2.9	254	17	4.4	0.0
26/09/2023 03:40	2.9	261	16	4.4	0.0
26/09/2023 03:50	2.8	249	17	4.1	0.0
26/09/2023 04:00	3.1	256	16	4.6	0.0
26/09/2023 04:10	2.9	256	18	4.8	0.0
26/09/2023 04:20	2.6	241	20	3.7	0.0
26/09/2023 04:30	1.6	252	16	2.7	0.0
26/09/2023 04:40	1.7	238	20	2.9	0.0
26/09/2023 04:50	1.3	252	17	1.9	0.0
26/09/2023 05:00	1.3	254	22	2.3	0.0
26/09/2023 05:10	1.7	257	17	2.8	0.0
26/09/2023 05:20	1.9	277	19	2.9	0.0
26/09/2023 05:30	1.4	263	29	2.4	0.0
26/09/2023 05:40	1.7	280	16	2.5	0.0
26/09/2023 05:50	0.7	236	55	1.5	0.0
26/09/2023 06:00	0.5	161	7	1.2	0.0
26/09/2023 06:10	0.5	199	16	1.1	0.0
26/09/2023 06:20	0.4	44	19	0.9	0.0
26/09/2023 06:30	0.5	44	14	1.2	0.0
26/09/2023 06:40	0.0	53	0	0.4	0.0
26/09/2023 06:50	0.7	50	15	1.2	0.0
26/09/2023 07:00	0.3	44	14	1.1	0.0
26/09/2023 07:10	0.3	50	15	0.7	0.0
26/09/2023 07:20	0.2	88	6	1.0	0.0
26/09/2023 07:30	0.1	148	13	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 07:40	0.4	41	23	1.0	0.0
26/09/2023 07:50	0.3	141	20	1.0	0.0
26/09/2023 08:00	0.6	118	29	1.1	0.0
26/09/2023 08:10	1.0	106	26	1.7	0.0
26/09/2023 08:20	1.1	112	32	1.8	0.0
26/09/2023 08:30	1.1	121	30	1.6	0.0
26/09/2023 08:40	1.0	100	34	1.9	0.0
26/09/2023 08:50	1.1	115	33	2.2	0.0
26/09/2023 09:00	0.9	102	42	1.4	0.0
26/09/2023 09:10	0.7	112	31	1.5	0.0
26/09/2023 09:20	1.0	98	37	1.9	0.0
26/09/2023 09:30	1.3	109	32	2.4	0.0
26/09/2023 09:40	1.4	139	36	2.2	0.0
26/09/2023 09:50	1.5	122	37	2.9	0.0
26/09/2023 10:00	1.6	136	38	2.8	0.0
26/09/2023 10:10	1.6	127	32	2.7	0.0
26/09/2023 10:20	1.8	144	32	2.8	0.0
26/09/2023 10:30	1.5	115	39	2.6	0.0
26/09/2023 10:40	1.6	127	37	2.8	0.0
26/09/2023 10:50	1.5	132	34	2.4	0.0
26/09/2023 11:00	1.3	140	50	2.5	0.0
26/09/2023 11:10	1.4	138	38	3.1	0.0
26/09/2023 11:20	1.3	144	51	2.5	0.0
26/09/2023 11:30	1.0	131	60	2.1	0.0
26/09/2023 11:40	1.7	345	27	2.6	0.0
26/09/2023 11:50	2.6	333	19	3.5	0.0
26/09/2023 12:00	3.2	327	18	4.5	0.0
26/09/2023 12:10	2.8	327	23	4.3	0.0
26/09/2023 12:20	2.5	330	25	4.0	0.0
26/09/2023 12:30	2.7	333	23	4.0	0.0
26/09/2023 12:40	2.8	331	23	4.2	0.0
26/09/2023 12:50	3.1	330	26	4.6	0.0
26/09/2023 13:00	3.3	332	22	4.8	0.0
26/09/2023 13:10	2.7	326	31	4.3	0.0
26/09/2023 13:20	3.6	322	22	5.2	0.0
26/09/2023 13:30	3.5	335	29	5.2	0.0
26/09/2023 13:40	3.4	324	22	5.0	0.0
26/09/2023 13:50	3.3	325	30	5.4	0.0
26/09/2023 14:00	3.2	323	24	4.7	0.0
26/09/2023 14:10	3.6	324	24	5.6	0.0
26/09/2023 14:20	2.7	302	36	4.6	0.0
26/09/2023 14:30	3.3	279	38	4.8	0.0
26/09/2023 14:40	3.1	280	34	5.2	0.0
26/09/2023 14:50	2.9	288	34	5.0	0.0
26/09/2023 15:00	3.2	270	34	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 15:10	3.1	266	25	5.4	0.0
26/09/2023 15:20	2.9	272	30	4.4	0.0
26/09/2023 15:30	2.6	285	34	4.9	0.0
26/09/2023 15:40	3.2	265	28	5.2	0.0
26/09/2023 15:50	2.9	261	24	4.9	0.0
26/09/2023 16:00	3.2	249	20	5.0	0.0
26/09/2023 16:10	3.4	245	20	5.4	0.0
26/09/2023 16:20	3.6	249	16	5.3	0.0
26/09/2023 16:30	3.5	248	19	4.9	0.0
26/09/2023 16:40	3.7	244	17	5.1	0.0
26/09/2023 16:50	3.8	242	17	5.2	0.0
26/09/2023 17:00	4.2	246	17	5.6	0.0
26/09/2023 17:10	4.7	247	17	6.8	0.0
26/09/2023 17:20	4.7	249	16	7.2	0.0
26/09/2023 17:30	5.3	253	17	7.5	0.0
26/09/2023 17:40	4.5	252	15	6.8	0.0
26/09/2023 17:50	4.0	251	16	5.8	0.0
26/09/2023 18:00	4.0	255	16	6.1	0.0
26/09/2023 18:10	4.2	253	16	6.3	0.0
26/09/2023 18:20	4.6	254	15	6.4	0.0
26/09/2023 18:30	4.7	251	15	6.4	0.0
26/09/2023 18:40	4.6	253	17	6.6	0.0
26/09/2023 18:50	4.5	256	14	6.2	0.0
26/09/2023 19:00	4.7	255	13	7.4	0.0
26/09/2023 19:10	4.6	251	14	6.2	0.0
26/09/2023 19:20	4.4	254	16	6.0	0.0
26/09/2023 19:30	4.4	255	17	6.7	0.0
26/09/2023 19:40	3.8	252	17	5.7	0.0
26/09/2023 19:50	4.5	250	15	6.8	0.0
26/09/2023 20:00	4.3	255	17	6.6	0.0
26/09/2023 20:10	4.2	246	18	5.8	0.0
26/09/2023 20:20	4.1	255	18	6.4	0.0
26/09/2023 20:30	3.4	250	18	5.4	0.0
26/09/2023 20:40	3.8	248	16	5.6	0.0
26/09/2023 20:50	3.4	245	17	5.9	0.0
26/09/2023 21:00	3.6	248	15	5.2	0.0
26/09/2023 21:10	4.4	239	15	6.4	0.0
26/09/2023 21:20	4.4	236	17	7.4	0.0
26/09/2023 21:30	4.5	236	16	6.4	0.0
26/09/2023 21:40	3.5	247	18	5.4	0.0
26/09/2023 21:50	4.1	259	15	5.9	0.0
26/09/2023 22:00	3.5	256	20	5.1	0.0
26/09/2023 22:10	3.7	256	17	5.3	0.0
26/09/2023 22:20	3.4	246	17	5.5	0.0
26/09/2023 22:30	4.2	242	19	6.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 22:40	5.2	242	14	7.2	0.0
26/09/2023 22:50	4.7	240	18	6.8	0.0
26/09/2023 23:00	3.9	249	19	5.7	0.0
26/09/2023 23:10	3.7	255	21	5.8	0.0
26/09/2023 23:20	3.5	257	20	5.2	0.0
26/09/2023 23:30	3.3	257	20	4.6	0.0
26/09/2023 23:40	3.4	252	17	5.8	0.0
26/09/2023 23:50	3.8	250	17	5.7	0.0
27/09/2023 00:00	3.3	256	20	5.2	0.0
27/09/2023 00:10	3.6	251	18	5.5	0.0
27/09/2023 00:20	3.6	248	19	5.2	0.0
27/09/2023 00:30	3.7	244	18	6.4	0.0
27/09/2023 00:40	4.2	244	16	6.7	0.0
27/09/2023 00:50	3.7	248	19	5.6	0.0
27/09/2023 01:00	3.9	241	16	5.9	0.0
27/09/2023 01:10	4.0	257	17	5.7	0.0
27/09/2023 01:20	3.5	261	17	5.2	0.0
27/09/2023 01:30	3.3	249	21	5.4	0.0
27/09/2023 01:40	3.7	241	19	5.8	0.0
27/09/2023 01:50	3.5	236	19	5.3	0.0
27/09/2023 02:00	3.4	225	22	4.9	0.0
27/09/2023 02:10	3.0	234	20	5.2	0.0
27/09/2023 02:20	3.7	245	18	5.1	0.0
27/09/2023 02:30	3.3	249	20	5.0	0.0
27/09/2023 02:40	3.3	255	20	5.2	0.0
27/09/2023 02:50	3.0	262	16	4.3	0.0
27/09/2023 03:00	2.7	267	19	4.1	0.0
27/09/2023 03:10	2.4	268	17	3.6	0.0
27/09/2023 03:20	2.1	276	17	3.3	0.0
27/09/2023 03:30	2.0	276	19	3.1	0.0
27/09/2023 03:40	2.0	276	21	3.2	0.0
27/09/2023 03:50	2.0	279	21	3.1	0.0
27/09/2023 04:00	1.9	288	20	2.8	0.0
27/09/2023 04:10	1.8	294	17	2.9	0.0
27/09/2023 04:20	1.9	301	18	2.9	0.0
27/09/2023 04:30	2.1	292	19	3.4	0.0
27/09/2023 04:40	2.2	286	18	3.4	0.0
27/09/2023 04:50	2.6	284	22	3.9	0.0
27/09/2023 05:00	2.9	269	18	4.2	0.0
27/09/2023 05:10	2.9	269	20	3.8	0.0
27/09/2023 05:20	2.7	265	20	4.1	0.0
27/09/2023 05:30	2.8	258	15	4.4	0.0
27/09/2023 05:40	3.2	230	15	4.4	0.0
27/09/2023 05:50	3.5	230	16	4.8	0.0
27/09/2023 06:00	3.5	234	17	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 06:10	3.8	221	13	5.2	0.0
27/09/2023 06:20	2.8	251	17	4.4	0.0
27/09/2023 06:30	2.9	261	17	4.3	0.0
27/09/2023 06:40	2.7	264	20	4.6	0.0
27/09/2023 06:50	2.1	260	19	3.2	0.0
27/09/2023 07:00	1.5	242	30	2.7	0.0
27/09/2023 07:10	1.5	264	38	2.5	0.0
27/09/2023 07:20	1.5	227	40	2.4	0.0
27/09/2023 07:30	2.4	199	20	3.5	0.0
27/09/2023 07:40	2.2	191	22	3.4	0.0
27/09/2023 07:50	2.6	180	22	4.2	0.0
27/09/2023 08:00	2.0	167	23	3.5	0.0
27/09/2023 08:10	2.1	161	25	3.3	0.0
27/09/2023 08:20	1.8	156	28	2.8	0.0
27/09/2023 08:30	2.0	160	28	3.6	0.0
27/09/2023 08:40	1.9	140	35	3.2	0.0
27/09/2023 08:50	2.1	129	34	3.5	0.0
27/09/2023 09:00	1.8	130	34	3.3	0.0
27/09/2023 09:10	1.9	123	33	3.2	0.0
27/09/2023 09:20	2.0	113	36	3.5	0.0
27/09/2023 09:30	2.1	86	24	3.4	0.0
27/09/2023 09:40	2.4	84	25	4.2	0.0
27/09/2023 09:50	2.5	75	25	4.7	0.0
27/09/2023 10:00	2.7	61	23	4.8	0.0
27/09/2023 10:10	2.8	68	23	4.2	0.0
27/09/2023 10:20	2.8	59	22	4.5	0.0
27/09/2023 10:30	2.9	60	24	4.2	0.0
27/09/2023 10:40	3.1	68	22	4.8	0.0
27/09/2023 10:50	3.1	65	23	5.6	0.0
27/09/2023 11:00	3.3	71	21	5.4	0.0
27/09/2023 11:10	3.4	74	22	5.2	0.0
27/09/2023 11:20	3.6	71	24	5.4	0.0
27/09/2023 11:30	3.4	65	21	5.4	0.0
27/09/2023 11:40	3.3	61	22	5.2	0.0
27/09/2023 11:50	3.3	63	22	5.2	0.0
27/09/2023 12:00	3.8	73	20	5.7	0.0
27/09/2023 12:10	3.4	73	23	5.9	0.0
27/09/2023 12:20	3.4	65	22	5.6	0.0
27/09/2023 12:30	3.4	60	24	5.5	0.0
27/09/2023 12:40	3.3	63	24	5.6	0.0
27/09/2023 12:50	3.3	65	20	5.1	0.0
27/09/2023 13:00	3.3	65	24	5.3	0.0
27/09/2023 13:10	3.5	56	24	5.5	0.0
27/09/2023 13:20	3.7	62	22	5.9	0.0
27/09/2023 13:30	3.2	67	23	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 13:40	3.4	53	25	5.4	0.0
27/09/2023 13:50	3.6	59	25	6.3	0.0
27/09/2023 14:00	4.0	53	20	6.5	0.0
27/09/2023 14:10	3.4	60	24	5.6	0.0
27/09/2023 14:20	3.3	61	22	5.8	0.0
27/09/2023 14:30	3.5	55	21	5.8	0.0
27/09/2023 14:40	3.4	66	22	5.5	0.0
27/09/2023 14:50	3.4	59	21	5.8	0.0
27/09/2023 15:00	3.3	58	21	5.6	0.0
27/09/2023 15:10	3.2	63	19	5.1	0.0
27/09/2023 15:20	2.9	66	20	4.0	0.0
27/09/2023 15:30	2.8	66	21	4.9	0.0
27/09/2023 15:40	2.9	60	22	4.6	0.0
27/09/2023 15:50	3.0	58	23	4.8	0.0
27/09/2023 16:00	3.2	60	21	4.9	0.0
27/09/2023 16:10	2.7	58	20	4.6	0.0
27/09/2023 16:20	2.7	55	19	4.3	0.0
27/09/2023 16:30	3.2	49	19	4.8	0.0
27/09/2023 16:40	2.8	52	21	5.2	0.0
27/09/2023 16:50	3.2	50	20	4.9	0.0
27/09/2023 17:00	3.0	44	17	4.8	0.0
27/09/2023 17:10	2.9	46	22	4.6	0.0
27/09/2023 17:20	2.5	37	23	3.7	0.0
27/09/2023 17:30	2.3	19	29	3.9	0.0
27/09/2023 17:40	2.0	31	27	3.4	0.0
27/09/2023 17:50	2.0	21	29	3.3	0.0
27/09/2023 18:00	1.9	26	28	3.5	0.0
27/09/2023 18:10	1.8	27	26	2.9	0.0
27/09/2023 18:20	2.0	24	34	3.7	0.0
27/09/2023 18:30	1.8	38	32	3.3	0.0
27/09/2023 18:40	1.8	356	34	3.6	0.0
27/09/2023 18:50	2.9	13	27	5.2	0.0
27/09/2023 19:00	3.3	15	22	5.5	0.0
27/09/2023 19:10	2.8	349	22	4.5	0.0
27/09/2023 19:20	2.7	343	24	4.6	0.0
27/09/2023 19:30	3.2	345	18	4.7	0.0
27/09/2023 19:40	3.8	338	18	5.7	0.0
27/09/2023 19:50	3.5	340	18	5.1	0.0
27/09/2023 20:00	3.6	338	22	5.4	0.0
27/09/2023 20:10	3.9	339	18	5.6	0.0
27/09/2023 20:20	3.5	337	20	4.8	0.0
27/09/2023 20:30	2.1	195	32	3.6	0.0
27/09/2023 20:40	0.5	79	32	1.2	0.0
27/09/2023 20:50	0.6	63	22	1.4	0.0
27/09/2023 21:00	0.6	47	31	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 21:10	0.2	73	11	0.9	0.0
27/09/2023 21:20	0.3	60	12	0.7	0.0
27/09/2023 21:30	0.4	256	17	1.3	0.0
27/09/2023 21:40	0.5	245	13	1.4	0.0
27/09/2023 21:50	0.2	263	11	0.8	0.0
27/09/2023 22:00	0.2	242	4	0.8	0.0
27/09/2023 22:10	0.8	270	15	1.4	0.0
27/09/2023 22:20	0.8	270	24	1.4	0.0
27/09/2023 22:30	1.1	238	13	1.4	0.0
27/09/2023 22:40	1.3	245	10	1.7	0.0
27/09/2023 22:50	1.5	259	9	1.9	0.0
27/09/2023 23:00	1.3	256	7	1.7	0.0
27/09/2023 23:10	1.3	254	10	1.8	0.0
27/09/2023 23:20	1.7	256	10	2.1	0.0
27/09/2023 23:30	2.3	236	16	3.3	0.0
27/09/2023 23:40	2.0	248	20	3.2	0.0
27/09/2023 23:50	1.7	242	17	2.8	0.0
28/09/2023 00:00	1.7	246	16	2.4	0.0
28/09/2023 00:10	2.1	249	17	3.2	0.0
28/09/2023 00:20	2.2	236	19	3.8	0.0
28/09/2023 00:30	1.5	228	27	2.7	0.0
28/09/2023 00:40	1.4	216	24	2.7	0.0
28/09/2023 00:50	1.2	227	21	2.0	0.0
28/09/2023 01:00	1.2	241	16	1.7	0.0
28/09/2023 01:10	1.9	246	13	2.8	0.0
28/09/2023 01:20	1.7	232	17	2.4	0.0
28/09/2023 01:30	1.7	243	15	2.6	0.0
28/09/2023 01:40	2.3	251	18	3.5	0.0
28/09/2023 01:50	2.2	244	16	3.0	0.0
28/09/2023 02:00	2.4	245	18	3.7	0.0
28/09/2023 02:10	2.4	235	17	3.5	0.0
28/09/2023 02:20	2.5	240	18	3.6	0.0
28/09/2023 02:30	2.1	236	17	2.8	0.0
28/09/2023 02:40	1.5	231	16	2.5	0.0
28/09/2023 02:50	1.5	232	15	2.1	0.0
28/09/2023 03:00	1.5	240	11	2.0	0.0
28/09/2023 03:10	1.4	251	14	2.2	0.0
28/09/2023 03:20	1.5	253	11	1.9	0.0
28/09/2023 03:30	1.1	238	13	1.6	0.0
28/09/2023 03:40	0.4	258	8	0.9	0.0
28/09/2023 03:50	0.0	357	3	0.6	0.0
28/09/2023 04:00	0.4	347	12	0.8	0.0
28/09/2023 04:10	0.6	307	18	1.0	0.0
28/09/2023 04:20	0.7	175	13	1.0	0.0
28/09/2023 04:30	0.9	188	17	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 04:40	1.1	324	14	1.6	0.0
28/09/2023 04:50	1.0	354	13	1.5	0.0
28/09/2023 05:00	0.7	343	19	1.1	0.0
28/09/2023 05:10	0.5	25	17	1.2	0.0
28/09/2023 05:20	0.9	10	17	1.3	0.0
28/09/2023 05:30	0.5	8	16	1.0	0.0
28/09/2023 05:40	0.6	171	15	1.1	0.0
28/09/2023 05:50	0.9	177	15	1.4	0.0
28/09/2023 06:00	0.8	48	26	1.2	0.0
28/09/2023 06:10	0.9	36	21	1.5	0.0
28/09/2023 06:20	0.6	73	15	1.0	0.0
28/09/2023 06:30	0.2	33	8	0.8	0.0
28/09/2023 06:40	1.2	44	21	2.1	0.0
28/09/2023 06:50	1.4	25	24	2.2	0.0
28/09/2023 07:00	0.5	47	27	1.1	0.0
28/09/2023 07:10	0.6	106	30	1.2	0.0
28/09/2023 07:20	1.1	109	23	2.2	0.0
28/09/2023 07:30	1.2	110	24	2.1	0.0
28/09/2023 07:40	1.4	106	29	2.2	0.0
28/09/2023 07:50	1.7	94	26	2.9	0.0
28/09/2023 08:00	1.9	86	24	2.8	0.0
28/09/2023 08:10	1.9	88	22	3.2	0.0
28/09/2023 08:20	2.0	92	22	3.2	0.0
28/09/2023 08:30	2.2	84	23	3.6	0.0
28/09/2023 08:40	2.1	84	22	3.6	0.0
28/09/2023 08:50	2.2	84	28	4.1	0.0
28/09/2023 09:00	2.1	94	28	4.0	0.0
28/09/2023 09:10	2.3	85	24	3.5	0.0
28/09/2023 09:20	1.9	94	31	3.1	0.0
28/09/2023 09:30	2.2	90	26	3.6	0.0
28/09/2023 09:40	2.2	86	25	4.0	0.0
28/09/2023 09:50	2.7	60	20	4.0	0.0
28/09/2023 10:00	2.4	65	21	3.6	0.0
28/09/2023 10:10	2.8	61	21	4.3	0.0
28/09/2023 10:20	2.6	62	22	4.0	0.0
28/09/2023 10:30	2.6	60	21	4.0	0.0
28/09/2023 10:40	2.6	62	24	4.3	0.0
28/09/2023 10:50	2.8	65	27	4.6	0.0
28/09/2023 11:00	3.0	58	24	4.7	0.0
28/09/2023 11:10	3.2	58	19	5.1	0.0
28/09/2023 11:20	3.2	58	20	5.3	0.0
28/09/2023 11:30	3.2	64	26	5.2	0.0
28/09/2023 11:40	3.3	59	20	5.5	0.0
28/09/2023 11:50	3.2	62	21	5.4	0.0
28/09/2023 12:00	3.3	60	22	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 12:10	3.3	61	23	6.0	0.0
28/09/2023 12:20	3.4	60	23	6.0	0.0
28/09/2023 12:30	3.5	62	20	5.5	0.0
28/09/2023 12:40	3.4	55	21	5.3	0.0
28/09/2023 12:50	3.7	55	19	5.7	0.0
28/09/2023 13:00	3.2	56	20	5.4	0.0
28/09/2023 13:10	3.9	58	24	6.5	0.0
28/09/2023 13:20	4.2	54	20	6.2	0.0
28/09/2023 13:30	3.9	55	20	6.6	0.0
28/09/2023 13:40	3.7	62	24	5.9	0.0
28/09/2023 13:50	3.5	62	21	5.6	0.0
28/09/2023 14:00	3.6	64	21	6.1	0.0
28/09/2023 14:10	3.5	64	21	5.7	0.0
28/09/2023 14:20	3.5	67	21	5.4	0.0
28/09/2023 14:30	3.6	71	18	5.3	0.0
28/09/2023 14:40	3.1	65	21	5.2	0.0
28/09/2023 14:50	3.6	63	22	5.3	0.0
28/09/2023 15:00	3.4	59	21	5.4	0.0
28/09/2023 15:10	3.5	60	18	5.4	0.0
28/09/2023 15:20	3.6	65	23	6.0	0.0
28/09/2023 15:30	3.7	55	20	6.0	0.0
28/09/2023 15:40	3.5	53	23	5.9	0.0
28/09/2023 15:50	3.5	57	22	7.1	0.0
28/09/2023 16:00	3.4	54	20	6.0	0.0
28/09/2023 16:10	3.6	46	20	5.4	0.0
28/09/2023 16:20	4.0	47	20	6.2	0.0
28/09/2023 16:30	4.0	48	18	6.4	0.0
28/09/2023 16:40	3.5	52	19	5.7	0.0
28/09/2023 16:50	3.4	50	20	5.3	0.0
28/09/2023 17:00	3.1	43	20	4.2	0.0
28/09/2023 17:10	2.6	40	26	4.4	0.0
28/09/2023 17:20	2.3	37	23	3.5	0.0
28/09/2023 17:30	2.5	37	25	4.0	0.0
28/09/2023 17:40	2.4	31	24	4.2	0.0
28/09/2023 17:50	2.4	33	23	3.6	0.0
28/09/2023 18:00	2.4	33	24	4.8	0.0
28/09/2023 18:10	2.2	25	31	3.5	0.0
28/09/2023 18:20	2.2	28	24	3.6	0.0
28/09/2023 18:30	1.8	26	25	2.8	0.0
28/09/2023 18:40	1.8	23	28	3.4	0.0
28/09/2023 18:50	2.2	23	27	3.9	0.0
28/09/2023 19:00	2.4	20	24	4.0	0.0
28/09/2023 19:10	2.7	23	23	4.4	0.0
28/09/2023 19:20	2.1	29	30	3.7	0.0
28/09/2023 19:30	2.0	15	32	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 19:40	1.7	177	37	3.0	0.0
28/09/2023 19:50	2.0	335	19	2.8	0.0
28/09/2023 20:00	1.7	334	26	2.9	0.0
28/09/2023 20:10	2.3	338	22	3.8	0.0
28/09/2023 20:20	1.9	331	22	2.9	0.0
28/09/2023 20:30	1.5	335	26	3.0	0.0
28/09/2023 20:40	2.0	341	23	3.2	0.0
28/09/2023 20:50	1.8	352	31	3.0	0.0
28/09/2023 21:00	1.6	335	28	2.7	0.0
28/09/2023 21:10	1.8	316	29	3.0	0.0
28/09/2023 21:20	1.5	305	29	2.8	0.0
28/09/2023 21:30	1.5	296	42	2.7	0.0
28/09/2023 21:40	1.4	297	38	2.4	0.0
28/09/2023 21:50	2.0	251	30	3.2	0.0
28/09/2023 22:00	2.0	254	12	2.6	0.0
28/09/2023 22:10	1.6	268	15	2.7	0.0
28/09/2023 22:20	0.6	274	20	1.1	0.0
28/09/2023 22:30	1.1	243	24	2.0	0.0
28/09/2023 22:40	0.6	112	17	1.3	0.0
28/09/2023 22:50	0.6	32	11	1.1	0.0
28/09/2023 23:00	0.3	259	11	0.8	0.0
28/09/2023 23:10	1.0	253	23	2.1	0.0
28/09/2023 23:20	1.5	252	18	3.0	0.0
28/09/2023 23:30	2.2	253	12	3.1	0.0
28/09/2023 23:40	2.1	254	15	3.1	0.0
28/09/2023 23:50	2.0	230	17	3.3	0.0
29/09/2023 00:00	2.6	250	17	3.6	0.0
29/09/2023 00:10	2.1	251	18	3.0	0.0
29/09/2023 00:20	2.1	246	19	3.5	0.0
29/09/2023 00:30	2.6	258	16	4.1	0.0
29/09/2023 00:40	2.7	248	19	4.0	0.0
29/09/2023 00:50	2.8	249	17	4.3	0.0
29/09/2023 01:00	2.6	254	18	3.8	0.0
29/09/2023 01:10	2.7	247	16	4.5	0.0
29/09/2023 01:20	2.3	242	19	3.6	0.0
29/09/2023 01:30	2.0	235	20	2.8	0.0
29/09/2023 01:40	2.3	228	16	3.7	0.0
29/09/2023 01:50	2.5	225	17	4.2	0.0
29/09/2023 02:00	2.9	223	17	4.4	0.0
29/09/2023 02:10	2.4	233	18	4.0	0.0
29/09/2023 02:20	2.4	230	19	3.5	0.0
29/09/2023 02:30	1.6	217	23	2.6	0.0
29/09/2023 02:40	1.4	190	28	2.6	0.0
29/09/2023 02:50	1.7	205	23	2.8	0.0
29/09/2023 03:00	1.0	196	29	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 03:10	0.8	192	27	1.7	0.0
29/09/2023 03:20	0.5	168	21	1.4	0.0
29/09/2023 03:30	0.3	197	14	1.2	0.0
29/09/2023 03:40	0.7	170	23	2.0	0.0
29/09/2023 03:50	0.4	154	42	1.0	0.0
29/09/2023 04:00	0.3	203	19	1.0	0.0
29/09/2023 04:10	0.8	162	27	1.8	0.0
29/09/2023 04:20	1.4	168	26	2.8	0.0
29/09/2023 04:30	1.5	179	27	2.4	0.0
29/09/2023 04:40	1.4	189	19	2.2	0.0
29/09/2023 04:50	1.1	195	31	2.0	0.0
29/09/2023 05:00	0.8	154	55	2.5	0.0
29/09/2023 05:10	1.0	88	48	2.0	0.0
29/09/2023 05:20	0.8	34	20	1.4	0.0
29/09/2023 05:30	0.6	57	24	1.5	0.0
29/09/2023 05:40	0.2	31	14	0.8	0.0
29/09/2023 05:50	0.5	27	16	1.1	0.0
29/09/2023 06:00	1.2	177	20	1.8	0.0
29/09/2023 06:10	1.2	175	19	1.5	0.0
29/09/2023 06:20	0.7	347	14	1.2	0.0
29/09/2023 06:30	0.5	16	18	1.1	0.0
29/09/2023 06:40	1.0	186	16	1.4	0.0
29/09/2023 06:50	0.7	191	23	1.4	0.0
29/09/2023 07:00	1.0	56	24	1.6	0.0
29/09/2023 07:10	0.4	60	36	1.0	0.0
29/09/2023 07:20	0.5	69	42	1.1	0.0
29/09/2023 07:30	0.7	35	28	1.4	0.0
29/09/2023 07:40	1.8	61	19	3.2	0.0
29/09/2023 07:50	2.5	56	21	4.8	0.0
29/09/2023 08:00	1.8	63	24	2.9	0.0
29/09/2023 08:10	1.8	71	22	3.2	0.0
29/09/2023 08:20	1.4	68	29	2.7	0.0
29/09/2023 08:30	1.8	65	22	2.9	0.0
29/09/2023 08:40	1.9	71	22	2.8	0.0
29/09/2023 08:50	2.0	64	19	3.3	0.0
29/09/2023 09:00	2.4	62	19	3.6	0.0
29/09/2023 09:10	2.0	43	24	3.1	0.0
29/09/2023 09:20	1.4	78	27	2.8	0.0
29/09/2023 09:30	2.0	61	21	3.1	0.0
29/09/2023 09:40	1.0	347	41	1.8	0.0
29/09/2023 09:50	1.3	76	44	2.1	0.0
29/09/2023 10:00	1.2	248	61	2.3	0.0
29/09/2023 10:10	1.5	225	54	2.7	0.0
29/09/2023 10:20	1.9	169	30	3.2	0.0
29/09/2023 10:30	1.6	44	37	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 10:40	1.7	167	42	3.2	0.0
29/09/2023 10:50	1.5	345	34	2.8	0.0
29/09/2023 11:00	1.8	336	27	3.2	0.0
29/09/2023 11:10	2.1	326	28	3.2	0.0
29/09/2023 11:20	2.7	336	22	3.9	0.0
29/09/2023 11:30	3.0	326	20	4.4	0.0
29/09/2023 11:40	3.2	336	24	4.5	0.0
29/09/2023 11:50	2.9	335	24	4.5	0.0
29/09/2023 12:00	2.7	335	27	4.0	0.0
29/09/2023 12:10	1.8	343	38	3.2	0.0
29/09/2023 12:20	2.1	180	35	3.8	0.0
29/09/2023 12:30	2.1	181	30	3.4	0.0
29/09/2023 12:40	2.0	4	37	3.6	0.0
29/09/2023 12:50	2.0	187	30	3.1	0.0
29/09/2023 13:00	2.2	178	30	4.0	0.0
29/09/2023 13:10	2.0	340	45	3.6	0.0
29/09/2023 13:20	1.9	174	35	4.1	0.0
29/09/2023 13:30	2.4	326	26	3.6	0.0
29/09/2023 13:40	2.4	338	26	4.0	0.0
29/09/2023 13:50	2.4	341	23	3.6	0.0
29/09/2023 14:00	2.3	330	29	3.6	0.0
29/09/2023 14:10	1.9	324	38	3.5	0.0
29/09/2023 14:20	2.3	337	35	3.8	0.0
29/09/2023 14:30	2.3	327	34	3.7	0.0
29/09/2023 14:40	2.4	324	29	4.2	0.0
29/09/2023 14:50	3.0	317	29	4.8	0.0
29/09/2023 15:00	2.7	335	26	4.5	0.0
29/09/2023 15:10	2.7	334	24	4.4	0.0
29/09/2023 15:20	3.1	329	24	4.5	0.0
29/09/2023 15:30	2.9	335	26	5.5	0.0
29/09/2023 15:40	3.5	328	22	5.3	0.0
29/09/2023 15:50	3.1	331	27	5.1	0.0
29/09/2023 16:00	2.3	316	47	4.0	0.0
29/09/2023 16:10	1.7	313	60	3.0	0.0
29/09/2023 16:20	2.4	327	38	4.1	0.0
29/09/2023 16:30	3.3	326	20	4.8	0.0
29/09/2023 16:40	3.7	328	20	5.3	0.0
29/09/2023 16:50	3.3	333	22	5.4	0.0
29/09/2023 17:00	3.0	312	30	4.9	0.0
29/09/2023 17:10	2.6	269	34	4.6	0.0
29/09/2023 17:20	3.1	257	19	4.4	0.0
29/09/2023 17:30	3.6	259	12	4.8	0.0
29/09/2023 17:40	2.9	263	17	3.9	0.0
29/09/2023 17:50	2.5	264	18	3.6	0.0
29/09/2023 18:00	2.6	260	14	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 18:10	3.3	251	12	4.4	0.0
29/09/2023 18:20	2.9	259	15	4.4	0.0
29/09/2023 18:30	3.2	258	13	4.1	0.0
29/09/2023 18:40	3.4	256	12	4.4	0.0
29/09/2023 18:50	3.1	256	15	4.0	0.0
29/09/2023 19:00	3.3	254	12	4.7	0.0
29/09/2023 19:10	3.5	251	12	4.8	0.0
29/09/2023 19:20	3.2	246	13	4.1	0.0
29/09/2023 19:30	2.7	239	13	3.7	0.0
29/09/2023 19:40	2.6	244	15	3.8	0.0
29/09/2023 19:50	3.0	254	15	4.2	0.0
29/09/2023 20:00	2.7	258	14	3.7	0.0
29/09/2023 20:10	2.2	251	12	3.1	0.0
29/09/2023 20:20	2.2	252	12	3.0	0.0
29/09/2023 20:30	2.3	253	11	3.2	0.0
29/09/2023 20:40	2.0	258	13	3.0	0.0
29/09/2023 20:50	2.1	254	13	2.8	0.0
29/09/2023 21:00	1.6	267	16	2.7	0.0
29/09/2023 21:10	1.8	270	30	3.1	0.0
29/09/2023 21:20	2.6	251	16	3.9	0.0
29/09/2023 21:30	2.4	245	13	3.5	0.0
29/09/2023 21:40	2.1	267	35	3.5	0.0
29/09/2023 21:50	2.2	269	28	3.7	0.0
29/09/2023 22:00	2.0	296	32	3.9	0.0
29/09/2023 22:10	1.9	287	36	3.2	0.0
29/09/2023 22:20	1.6	283	30	2.5	0.0
29/09/2023 22:30	1.7	291	27	3.1	0.0
29/09/2023 22:40	1.7	250	19	2.8	0.0
29/09/2023 22:50	1.8	305	37	3.0	0.0
29/09/2023 23:00	2.9	260	19	4.1	0.0
29/09/2023 23:10	2.1	288	28	3.7	0.0
29/09/2023 23:20	1.9	303	29	3.3	0.0
29/09/2023 23:30	2.0	312	30	3.3	0.0
29/09/2023 23:40	1.6	314	29	2.7	0.0
29/09/2023 23:50	1.7	315	32	2.7	0.0
30/09/2023 00:00	1.5	314	33	2.4	0.0
30/09/2023 00:10	2.0	322	33	3.0	0.0
30/09/2023 00:20	1.9	296	29	3.0	0.0
30/09/2023 00:30	2.2	314	30	3.8	0.0
30/09/2023 00:40	2.1	321	31	3.6	0.0
30/09/2023 00:50	2.2	319	23	3.4	0.0
30/09/2023 01:00	1.8	276	42	2.9	0.0
30/09/2023 01:10	1.6	266	45	2.6	0.0
30/09/2023 01:20	1.7	272	46	3.1	0.0
30/09/2023 01:30	1.9	308	46	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 01:40	1.8	241	35	3.5	0.0
30/09/2023 01:50	1.3	252	50	2.4	0.0
30/09/2023 02:00	1.6	240	35	2.7	0.0
30/09/2023 02:10	1.9	269	28	3.0	0.0
30/09/2023 02:20	1.9	279	37	3.0	0.0
30/09/2023 02:30	1.7	253	25	2.7	0.0
30/09/2023 02:40	2.0	262	19	3.2	0.0
30/09/2023 02:50	2.0	257	20	3.0	0.0
30/09/2023 03:00	1.8	258	18	2.8	0.0
30/09/2023 03:10	2.0	281	38	3.5	0.0
30/09/2023 03:20	1.6	252	27	2.4	0.0
30/09/2023 03:30	2.3	254	19	3.2	0.0
30/09/2023 03:40	2.1	284	25	3.6	0.0
30/09/2023 03:50	1.7	283	24	2.8	0.0
30/09/2023 04:00	2.2	270	15	3.6	0.0
30/09/2023 04:10	1.4	214	23	2.1	0.0
30/09/2023 04:20	0.4	196	33	1.4	0.0
30/09/2023 04:30	1.7	256	13	2.4	0.0
30/09/2023 04:40	1.9	247	17	2.8	0.0
30/09/2023 04:50	1.7	237	21	2.8	0.0
30/09/2023 05:00	1.7	229	22	2.4	0.0
30/09/2023 05:10	1.3	219	33	2.5	0.0
30/09/2023 05:20	1.2	213	27	2.2	0.0
30/09/2023 05:30	1.2	195	31	2.4	0.0
30/09/2023 05:40	1.7	192	22	2.8	0.0
30/09/2023 05:50	2.0	195	19	3.2	0.0
30/09/2023 06:00	2.5	187	16	3.9	0.0
30/09/2023 06:10	2.6	189	16	4.8	0.0
30/09/2023 06:20	2.5	189	18	3.6	0.0
30/09/2023 06:30	1.9	178	23	3.3	0.0
30/09/2023 06:40	1.7	175	24	3.0	0.0
30/09/2023 06:50	1.7	164	26	2.9	0.0
30/09/2023 07:00	1.7	169	27	2.8	0.0
30/09/2023 07:10	2.0	165	25	2.8	0.0
30/09/2023 07:20	1.9	165	28	3.6	0.0
30/09/2023 07:30	2.3	169	31	4.0	0.0
30/09/2023 07:40	2.5	166	29	4.1	0.0
30/09/2023 07:50	2.7	164	25	4.0	0.0
30/09/2023 08:00	2.2	159	26	4.0	0.0
30/09/2023 08:10	2.3	165	28	4.5	0.0
30/09/2023 08:20	2.3	164	27	4.4	0.0
30/09/2023 08:30	2.5	162	28	4.5	0.0
30/09/2023 08:40	2.5	164	25	4.1	0.0
30/09/2023 08:50	2.9	157	30	4.3	0.0
30/09/2023 09:00	2.8	146	27	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 09:10	2.1	130	28	3.2	0.0
30/09/2023 09:20	1.9	135	24	3.2	0.0
30/09/2023 09:30	2.0	131	31	3.5	0.0
30/09/2023 09:40	2.0	132	26	3.1	0.0
30/09/2023 09:50	2.0	122	29	3.6	0.0
30/09/2023 10:00	2.2	125	34	3.7	0.0
30/09/2023 10:10	2.2	125	31	3.9	0.0
30/09/2023 10:20	2.4	137	30	3.9	0.0
30/09/2023 10:30	2.5	133	29	3.8	0.0
30/09/2023 10:40	2.2	140	38	3.6	0.0
30/09/2023 10:50	2.2	106	33	4.0	0.0
30/09/2023 11:00	2.2	86	28	3.6	0.0
30/09/2023 11:10	1.7	61	31	2.5	0.0
30/09/2023 11:20	1.8	81	31	2.8	0.0
30/09/2023 11:30	2.0	59	29	3.2	0.0
30/09/2023 11:40	2.1	67	23	3.3	0.0
30/09/2023 11:50	2.3	68	25	3.4	0.0
30/09/2023 12:00	2.3	56	26	3.6	0.0
30/09/2023 12:10	2.3	60	28	3.9	0.0
30/09/2023 12:20	2.2	55	28	3.6	0.0
30/09/2023 12:30	2.4	34	27	3.9	0.0
30/09/2023 12:40	2.2	8	30	3.6	0.0
30/09/2023 12:50	2.3	354	29	3.5	0.0
30/09/2023 13:00	2.7	352	22	3.7	0.0
30/09/2023 13:10	2.6	187	30	3.9	0.0
30/09/2023 13:20	2.6	351	30	3.9	0.0
30/09/2023 13:30	2.9	328	27	4.7	0.0
30/09/2023 13:40	3.0	334	24	4.4	0.0
30/09/2023 13:50	2.6	318	29	4.4	0.0
30/09/2023 14:00	2.8	326	23	4.0	0.0
30/09/2023 14:10	2.6	341	26	3.7	0.0
30/09/2023 14:20	2.8	329	22	4.7	0.0
30/09/2023 14:30	3.1	327	23	5.2	0.0
30/09/2023 14:40	2.8	318	27	4.7	0.0
30/09/2023 14:50	2.7	321	34	4.5	0.0
30/09/2023 15:00	2.7	321	42	5.0	0.0
30/09/2023 15:10	3.0	319	35	5.1	0.0
30/09/2023 15:20	2.8	288	32	4.6	0.0
30/09/2023 15:30	2.8	290	35	4.8	0.0
30/09/2023 15:40	2.6	274	27	4.6	0.0
30/09/2023 15:50	2.8	261	24	5.1	0.0
30/09/2023 16:00	2.8	261	31	4.4	0.0
30/09/2023 16:10	2.8	253	22	4.5	0.0
30/09/2023 16:20	2.7	260	26	4.6	0.0
30/09/2023 16:30	2.3	265	28	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 16:40	2.4	269	36	4.0	0.0
30/09/2023 16:50	2.2	267	34	3.6	0.0
30/09/2023 17:00	2.5	295	37	4.3	0.0
30/09/2023 17:10	2.2	280	38	3.7	0.0
30/09/2023 17:20	2.2	265	33	3.6	0.0
30/09/2023 17:30	2.0	262	25	3.2	0.0
30/09/2023 17:40	3.6	257	17	5.5	0.0
30/09/2023 17:50	4.1	257	18	7.1	0.0
30/09/2023 18:00	3.2	257	23	4.8	0.0
30/09/2023 18:10	2.6	265	29	4.8	0.0
30/09/2023 18:20	2.4	259	20	4.3	0.0
30/09/2023 18:30	3.9	255	20	6.8	0.0
30/09/2023 18:40	4.3	255	19	6.4	0.0
30/09/2023 18:50	3.3	265	22	6.1	0.0
30/09/2023 19:00	3.9	261	21	6.1	0.0
30/09/2023 19:10	4.3	261	19	6.9	0.0
30/09/2023 19:20	3.6	262	19	6.0	0.0
30/09/2023 19:30	4.3	260	19	5.9	0.0
30/09/2023 19:40	3.9	256	19	5.4	0.0
30/09/2023 19:50	4.0	256	18	6.3	0.0
30/09/2023 20:00	3.9	251	14	5.7	0.0
30/09/2023 20:10	3.2	260	16	4.9	0.0
30/09/2023 20:20	3.7	256	12	5.0	0.0
30/09/2023 20:30	3.4	260	17	4.8	0.0
30/09/2023 20:40	2.4	262	21	3.5	0.0
30/09/2023 20:50	2.4	261	21	3.7	0.0
30/09/2023 21:00	2.6	259	18	4.1	0.0
30/09/2023 21:10	2.6	257	18	3.5	0.0
30/09/2023 21:20	3.0	263	16	4.0	0.0
30/09/2023 21:30	2.9	260	15	3.8	0.0
30/09/2023 21:40	2.7	260	15	4.0	0.0
30/09/2023 21:50	2.5	255	17	3.5	0.0
30/09/2023 22:00	2.9	265	16	4.3	0.0
30/09/2023 22:10	3.0	270	18	4.1	0.0
30/09/2023 22:20	3.0	267	18	4.2	0.0
30/09/2023 22:30	2.9	270	16	3.9	0.0
30/09/2023 22:40	2.9	269	17	4.2	0.0
30/09/2023 22:50	2.7	266	15	4.0	0.0
30/09/2023 23:00	2.9	268	16	3.9	0.0
30/09/2023 23:10	2.4	265	16	3.4	0.0
30/09/2023 23:20	2.5	258	14	3.7	0.0
30/09/2023 23:30	2.7	261	16	3.8	0.0
30/09/2023 23:40	2.6	242	18	3.9	0.0
30/09/2023 23:50	2.5	232	21	4.0	0.0
01/10/2023 00:00	2.1	222	18	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 00:10	2.7	230	20	4.4	0.0
01/10/2023 00:20	2.8	226	18	4.7	0.0
01/10/2023 00:30	2.6	222	15	3.9	0.0
01/10/2023 00:40	2.4	213	19	3.9	0.0
01/10/2023 00:50	3.2	211	18	5.1	0.0
01/10/2023 01:00	3.0	220	15	4.4	0.0
01/10/2023 01:10	3.0	213	17	4.7	0.0
01/10/2023 01:20	3.5	195	17	5.4	0.0
01/10/2023 01:30	3.6	190	18	5.6	0.0
01/10/2023 01:40	4.0	191	17	5.5	0.0
01/10/2023 01:50	3.4	194	19	5.4	0.0
01/10/2023 02:00	3.6	190	16	5.4	0.0
01/10/2023 02:10	3.4	192	18	5.2	0.0
01/10/2023 02:20	2.2	200	21	4.0	0.0
01/10/2023 02:30	3.0	195	17	4.9	0.0
01/10/2023 02:40	3.6	188	16	5.6	0.0
01/10/2023 02:50	3.1	192	15	4.2	0.0
01/10/2023 03:00	3.4	189	16	4.9	0.0
01/10/2023 03:10	3.1	193	17	4.5	0.0
01/10/2023 03:20	3.1	188	16	4.4	0.0
01/10/2023 03:30	2.7	191	16	4.6	0.0
01/10/2023 03:40	2.5	190	16	3.3	0.0
01/10/2023 03:50	2.7	195	17	4.0	0.0
01/10/2023 04:00	2.8	188	16	4.0	0.0
01/10/2023 04:10	2.6	193	15	4.0	0.0
01/10/2023 04:20	2.3	195	20	4.0	0.0
01/10/2023 04:30	1.7	221	28	2.9	0.0
01/10/2023 04:40	1.6	215	26	3.3	0.0
01/10/2023 04:50	1.6	225	28	3.6	0.0
01/10/2023 05:00	1.5	232	31	2.7	0.0
01/10/2023 05:10	1.3	216	37	2.4	0.0
01/10/2023 05:20	0.7	250	30	1.5	0.0
01/10/2023 05:30	0.9	238	17	1.6	0.0
01/10/2023 05:40	1.2	254	17	1.9	0.0
01/10/2023 05:50	1.0	246	44	2.0	0.0
01/10/2023 06:00	0.5	291	21	1.2	0.0
01/10/2023 06:10	2.0	267	15	2.8	0.0
01/10/2023 06:20	1.3	269	43	2.6	0.0
01/10/2023 06:30	0.6	145	13	1.0	0.0
01/10/2023 06:40	1.3	256	23	2.1	0.0
01/10/2023 06:50	1.4	246	23	2.3	0.0
01/10/2023 07:00	1.0	238	29	1.8	0.0
01/10/2023 07:10	1.6	243	18	2.4	0.0
01/10/2023 07:20	2.3	247	21	3.2	0.0
01/10/2023 07:30	1.5	268	22	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 07:40	1.5	250	26	2.5	0.0
01/10/2023 07:50	1.7	233	24	2.8	0.0
01/10/2023 08:00	1.5	240	30	2.5	0.0
01/10/2023 08:10	2.0	257	18	2.7	0.0
01/10/2023 08:20	1.6	243	31	2.7	0.0
01/10/2023 08:30	1.7	259	21	2.7	0.0
01/10/2023 08:40	1.8	252	25	2.4	0.0
01/10/2023 08:50	2.0	251	25	3.2	0.0
01/10/2023 09:00	2.0	258	20	3.1	0.0
01/10/2023 09:10	1.8	248	24	2.5	0.0
01/10/2023 09:20	2.2	252	20	3.2	0.0
01/10/2023 09:30	2.5	252	19	3.4	0.0
01/10/2023 09:40	2.5	255	22	3.4	0.0
01/10/2023 09:50	2.1	254	21	3.2	0.0
01/10/2023 10:00	2.3	246	21	3.5	0.0
01/10/2023 10:10	2.4	246	20	3.3	0.0
01/10/2023 10:20	2.4	244	19	3.6	0.0
01/10/2023 10:30	2.8	248	24	4.5	0.0
01/10/2023 10:40	2.9	252	22	4.4	0.0
01/10/2023 10:50	3.0	253	20	4.3	0.0
01/10/2023 11:00	2.7	265	28	4.2	0.0
01/10/2023 11:10	2.6	259	21	4.3	0.0
01/10/2023 11:20	3.4	253	18	4.8	0.0
01/10/2023 11:30	3.5	242	18	5.3	0.0
01/10/2023 11:40	4.0	244	15	5.6	0.0
01/10/2023 11:50	3.9	242	13	5.4	0.0
01/10/2023 12:00	4.3	243	14	5.4	0.0
01/10/2023 12:10	4.2	238	18	5.9	0.0
01/10/2023 12:20	4.5	242	16	6.0	0.0
01/10/2023 12:30	4.2	248	15	6.0	0.0
01/10/2023 12:40	4.7	245	15	6.4	0.0
01/10/2023 12:50	4.9	243	20	6.9	0.0
01/10/2023 13:00	5.0	243	16	7.2	0.0
01/10/2023 13:10	5.1	246	16	6.9	0.0
01/10/2023 13:20	4.6	247	17	6.8	0.0
01/10/2023 13:30	4.7	249	14	6.9	0.0
01/10/2023 13:40	4.4	245	17	6.0	0.0
01/10/2023 13:50	4.7	247	19	6.9	0.0
01/10/2023 14:00	5.1	250	18	6.8	0.0
01/10/2023 14:10	5.1	247	15	7.7	0.0
01/10/2023 14:20	4.5	255	20	6.9	0.0
01/10/2023 14:30	5.4	248	15	7.6	0.0
01/10/2023 14:40	5.1	248	20	7.3	0.0
01/10/2023 14:50	5.5	250	15	8.2	0.0
01/10/2023 15:00	5.9	251	16	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 15:10	5.7	249	16	7.7	0.0
01/10/2023 15:20	5.5	246	15	7.6	0.0
01/10/2023 15:30	5.4	248	15	7.5	0.0
01/10/2023 15:40	5.6	252	16	7.5	0.0
01/10/2023 15:50	6.2	254	15	8.7	0.0
01/10/2023 16:00	5.8	253	16	8.0	0.0
01/10/2023 16:10	5.7	252	17	8.1	0.0
01/10/2023 16:20	5.5	253	15	7.5	0.0
01/10/2023 16:30	5.2	253	15	7.5	0.0
01/10/2023 16:40	4.8	252	18	6.8	0.0
01/10/2023 16:50	4.8	253	16	6.6	0.0
01/10/2023 17:00	5.4	253	16	7.5	0.0
01/10/2023 17:10	6.0	250	15	7.7	0.0
01/10/2023 17:20	5.5	252	17	7.8	0.0
01/10/2023 17:30	5.4	252	14	7.2	0.0
01/10/2023 17:40	5.4	253	14	7.5	0.0
01/10/2023 17:50	5.2	253	15	7.5	0.0
01/10/2023 18:00	5.4	254	16	7.8	0.0
01/10/2023 18:10	5.1	253	17	7.2	0.0
01/10/2023 18:20	5.1	251	17	7.2	0.0
01/10/2023 18:30	4.9	251	20	6.9	0.0
01/10/2023 18:40	4.9	252	16	6.9	0.0
01/10/2023 18:50	5.3	250	16	7.5	0.0
01/10/2023 19:00	4.5	253	18	7.1	0.0
01/10/2023 19:10	4.7	250	16	6.8	0.0
01/10/2023 19:20	5.5	253	16	7.6	0.0
01/10/2023 19:30	4.5	247	17	6.4	0.0
01/10/2023 19:40	4.3	245	16	6.8	0.0
01/10/2023 19:50	3.9	245	18	5.6	0.0
01/10/2023 20:00	4.0	247	18	6.0	0.0
01/10/2023 20:10	4.2	246	17	6.4	0.0
01/10/2023 20:20	4.0	243	21	6.1	0.0
01/10/2023 20:30	3.6	250	20	5.6	0.0
01/10/2023 20:40	4.1	256	17	6.4	0.0
01/10/2023 20:50	3.1	251	15	4.9	0.0
01/10/2023 21:00	4.3	244	22	6.8	0.0
01/10/2023 21:10	4.7	243	16	7.4	0.0
01/10/2023 21:20	4.6	249	17	6.5	0.0
01/10/2023 21:30	4.4	258	18	6.4	0.0
01/10/2023 21:40	5.0	251	20	7.6	0.0
01/10/2023 21:50	5.2	246	18	7.2	0.0
01/10/2023 22:00	5.6	251	17	7.7	0.0
01/10/2023 22:10	5.3	239	19	7.3	0.0
01/10/2023 22:20	4.7	243	21	7.0	0.0
01/10/2023 22:30	4.5	247	15	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/10/2023 22:40	3.7	242	18	5.6	0.0
01/10/2023 22:50	5.1	235	18	7.9	0.0
01/10/2023 23:00	4.8	234	15	6.9	0.0
01/10/2023 23:10	4.8	237	17	7.8	0.0
01/10/2023 23:20	4.9	234	16	8.0	0.0
01/10/2023 23:30	4.5	234	18	7.1	0.0
01/10/2023 23:40	5.0	243	16	7.3	0.0
01/10/2023 23:50	5.2	237	15	7.9	0.0
02/10/2023 00:00	5.0	231	17	7.3	0.0
02/10/2023 00:10	5.5	234	16	8.2	0.0
02/10/2023 00:20	4.8	233	20	7.2	0.0
02/10/2023 00:30	5.0	238	18	7.5	0.0
02/10/2023 00:40	5.3	234	18	7.5	0.0
02/10/2023 00:50	4.7	237	16	7.5	0.0
02/10/2023 01:00	4.8	239	17	7.0	0.0
02/10/2023 01:10	5.0	240	16	7.2	0.0
02/10/2023 01:20	4.2	245	15	6.4	0.0
02/10/2023 01:30	4.7	233	20	7.3	0.0
02/10/2023 01:40	4.7	236	19	7.5	0.0
02/10/2023 01:50	5.2	239	18	7.7	0.0
02/10/2023 02:00	4.6	243	19	6.9	0.0
02/10/2023 02:10	4.7	241	18	7.2	0.0
02/10/2023 02:20	5.3	237	16	7.6	0.0
02/10/2023 02:30	4.9	242	19	7.9	0.0
02/10/2023 02:40	5.1	240	17	7.8	0.0
02/10/2023 02:50	5.0	241	17	7.6	0.0
02/10/2023 03:00	4.8	238	17	7.0	0.0
02/10/2023 03:10	4.8	241	17	6.9	0.0
02/10/2023 03:20	3.8	246	19	5.5	0.0
02/10/2023 03:30	4.0	247	20	6.0	0.0
02/10/2023 03:40	4.0	242	15	6.3	0.0
02/10/2023 03:50	4.1	242	17	6.8	0.0
02/10/2023 04:00	4.1	247	17	6.0	0.0
02/10/2023 04:10	3.4	248	17	5.0	0.0
02/10/2023 04:20	3.5	246	17	5.4	0.0
02/10/2023 04:30	3.8	241	21	5.4	0.0
02/10/2023 04:40	4.1	240	18	5.9	0.0
02/10/2023 04:50	4.2	241	16	6.0	0.0
02/10/2023 05:00	4.2	238	18	6.0	0.0
02/10/2023 05:10	4.0	245	18	5.7	0.0
02/10/2023 05:20	4.1	237	18	6.0	0.0
02/10/2023 05:30	4.3	237	18	6.4	0.0
02/10/2023 05:40	4.3	239	18	6.2	0.0
02/10/2023 05:50	4.3	238	19	6.8	0.0
02/10/2023 06:00	4.8	232	17	6.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 06:10	4.5	238	16	6.4	0.0
02/10/2023 06:20	4.8	233	17	6.8	0.0
02/10/2023 06:30	4.2	237	19	6.6	0.0
02/10/2023 06:40	4.2	233	17	6.9	0.0
02/10/2023 06:50	4.3	231	17	7.4	0.0
02/10/2023 07:00	4.1	229	20	6.0	0.0
02/10/2023 07:10	3.8	229	20	5.7	0.0
02/10/2023 07:20	3.9	217	19	5.9	0.0
02/10/2023 07:30	4.2	220	20	6.4	0.0
02/10/2023 07:40	4.7	219	18	7.3	0.0
02/10/2023 07:50	5.1	215	16	7.5	0.0
02/10/2023 08:00	4.8	222	15	7.2	0.0
02/10/2023 08:10	4.9	213	15	6.8	0.0
02/10/2023 08:20	4.6	220	17	6.8	0.0
02/10/2023 08:30	4.6	212	16	6.6	0.0
02/10/2023 08:40	4.7	213	15	6.4	0.0
02/10/2023 08:50	4.6	212	17	6.8	0.0
02/10/2023 09:00	4.0	218	18	5.6	0.0
02/10/2023 09:10	4.8	223	16	6.3	0.0
02/10/2023 09:20	4.5	220	17	6.8	0.0
02/10/2023 09:30	4.4	227	19	6.0	0.0
02/10/2023 09:40	3.8	235	21	6.4	0.0
02/10/2023 09:50	3.3	259	22	5.1	0.0
02/10/2023 10:00	2.6	255	25	4.5	0.0
02/10/2023 10:10	2.7	257	21	4.4	0.0
02/10/2023 10:20	3.1	261	20	4.7	0.0
02/10/2023 10:30	3.4	253	22	5.6	0.0
02/10/2023 10:40	3.2	250	21	5.3	0.0
02/10/2023 10:50	3.5	256	20	4.9	0.0
02/10/2023 11:00	3.8	252	20	5.1	0.0
02/10/2023 11:10	3.9	255	18	5.6	0.0
02/10/2023 11:20	4.0	252	19	5.8	0.0
02/10/2023 11:30	4.3	258	19	6.7	0.0
02/10/2023 11:40	4.2	256	19	6.2	0.0
02/10/2023 11:50	4.4	258	17	6.2	0.0
02/10/2023 12:00	4.7	256	18	7.1	0.0
02/10/2023 12:10	5.1	253	21	7.0	0.0
02/10/2023 12:20	4.9	254	17	6.7	0.0
02/10/2023 12:30	5.1	251	19	7.3	0.0
02/10/2023 12:40	4.9	258	19	7.2	0.0
02/10/2023 12:50	4.8	252	18	7.3	0.0
02/10/2023 13:00	4.4	256	24	6.1	0.0
02/10/2023 13:10	4.8	257	17	7.2	0.0
02/10/2023 13:20	5.1	252	18	7.2	0.0
02/10/2023 13:30	5.4	251	18	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 13:40	5.1	255	18	7.5	0.0
02/10/2023 13:50	5.2	252	19	6.9	0.0
02/10/2023 14:00	5.3	252	17	7.7	0.0
02/10/2023 14:10	5.1	253	19	7.3	0.0
02/10/2023 14:20	5.4	249	16	7.9	0.0
02/10/2023 14:30	5.2	249	17	7.7	0.0
02/10/2023 14:40	4.9	250	16	7.2	0.0
02/10/2023 14:50	5.1	247	19	7.8	0.0
02/10/2023 15:00	5.0	252	19	7.3	0.0
02/10/2023 15:10	4.8	253	20	7.2	0.0
02/10/2023 15:20	5.6	249	17	8.1	0.0
02/10/2023 15:30	5.2	249	16	7.6	0.0
02/10/2023 15:40	4.4	252	18	6.5	0.0
02/10/2023 15:50	4.8	254	15	7.5	0.0
02/10/2023 16:00	4.6	261	19	7.0	0.0
02/10/2023 16:10	4.2	255	16	6.1	0.0
02/10/2023 16:20	4.3	260	20	6.4	0.0
02/10/2023 16:30	4.4	259	17	6.7	0.0
02/10/2023 16:40	3.7	263	15	5.3	0.0
02/10/2023 16:50	3.7	261	17	5.4	0.0
02/10/2023 17:00	3.5	266	22	5.3	0.0
02/10/2023 17:10	3.8	260	14	5.7	0.0
02/10/2023 17:20	3.6	264	19	4.9	0.0
02/10/2023 17:30	3.4	267	20	5.1	0.0
02/10/2023 17:40	3.6	260	18	6.0	0.0
02/10/2023 17:50	3.9	261	18	5.6	0.0
02/10/2023 18:00	3.8	262	16	5.8	0.0
02/10/2023 18:10	3.9	262	15	5.9	0.0
02/10/2023 18:20	4.0	259	16	5.6	0.0
02/10/2023 18:30	3.8	261	17	5.5	0.0
02/10/2023 18:40	3.8	261	16	5.2	0.0
02/10/2023 18:50	3.9	261	16	5.6	0.0
02/10/2023 19:00	3.8	263	16	5.7	0.0
02/10/2023 19:10	4.4	260	14	6.0	0.0
02/10/2023 19:20	4.1	255	14	6.1	0.0
02/10/2023 19:30	4.2	255	16	5.8	0.0
02/10/2023 19:40	3.9	254	13	5.8	0.0
02/10/2023 19:50	3.8	253	15	5.5	0.0
02/10/2023 20:00	3.7	256	14	5.2	0.0
02/10/2023 20:10	3.7	256	18	5.6	0.0
02/10/2023 20:20	3.3	254	16	4.8	0.0
02/10/2023 20:30	3.8	254	14	5.2	0.0
02/10/2023 20:40	3.6	256	15	5.1	0.0
02/10/2023 20:50	3.3	257	14	4.9	0.0
02/10/2023 21:00	3.6	255	13	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/10/2023 21:10	3.7	256	14	5.0	0.0
02/10/2023 21:20	3.6	255	12	4.9	0.0
02/10/2023 21:30	3.3	256	14	4.8	0.0
02/10/2023 21:40	2.9	256	16	4.1	0.0
02/10/2023 21:50	2.7	260	16	4.0	0.0
02/10/2023 22:00	2.7	260	16	3.9	0.0
02/10/2023 22:10	2.8	261	16	3.7	0.0
02/10/2023 22:20	2.6	266	16	3.8	0.0
02/10/2023 22:30	2.7	263	15	3.6	0.0
02/10/2023 22:40	2.3	265	17	3.1	0.0
02/10/2023 22:50	2.1	259	16	3.0	0.0
02/10/2023 23:00	2.4	260	15	3.3	0.0
02/10/2023 23:10	2.8	255	14	3.8	0.0
02/10/2023 23:20	2.7	264	15	3.6	0.0
02/10/2023 23:30	2.2	262	17	3.2	0.0
02/10/2023 23:40	1.7	260	15	2.6	0.0
02/10/2023 23:50	2.3	263	14	3.2	0.0
03/10/2023 00:00	2.5	261	16	3.6	0.0
03/10/2023 00:10	2.6	266	17	4.1	0.0
03/10/2023 00:20	2.9	266	17	4.0	0.0
03/10/2023 00:30	2.7	267	16	3.8	0.0
03/10/2023 00:40	2.3	275	18	3.3	0.0
03/10/2023 00:50	2.3	269	16	3.6	0.0
03/10/2023 01:00	2.4	270	19	3.4	0.0
03/10/2023 01:10	2.4	280	17	3.6	0.0
03/10/2023 01:20	2.4	280	18	3.8	0.0
03/10/2023 01:30	2.3	274	18	3.7	0.0
03/10/2023 01:40	2.4	273	18	3.5	0.0
03/10/2023 01:50	2.3	278	16	3.6	0.0
03/10/2023 02:00	2.5	281	20	3.5	0.0
03/10/2023 02:10	2.3	274	19	3.3	0.0
03/10/2023 02:20	2.3	265	15	3.3	0.0
03/10/2023 02:30	2.4	265	13	3.3	0.0
03/10/2023 02:40	2.4	250	15	3.2	0.0
03/10/2023 02:50	2.1	251	13	2.9	0.0
03/10/2023 03:00	2.1	230	22	3.1	0.0
03/10/2023 03:10	1.3	212	31	2.5	0.0
03/10/2023 03:20	1.9	237	19	3.3	0.0
03/10/2023 03:30	2.0	215	20	3.2	0.0
03/10/2023 03:40	1.8	210	28	2.8	0.0
03/10/2023 03:50	2.1	200	23	3.3	0.0
03/10/2023 04:00	1.5	210	21	2.8	0.0
03/10/2023 04:10	1.5	226	20	2.3	0.0
03/10/2023 04:20	1.3	264	24	2.0	0.0
03/10/2023 04:30	1.7	249	15	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 04:40	2.1	243	24	3.6	0.0
03/10/2023 04:50	2.3	271	14	3.1	0.0
03/10/2023 05:00	2.2	264	19	3.2	0.0
03/10/2023 05:10	2.1	258	16	3.1	0.0
03/10/2023 05:20	2.2	255	17	3.2	0.0
03/10/2023 05:30	2.3	246	21	3.4	0.0
03/10/2023 05:40	1.4	198	26	2.9	0.0
03/10/2023 05:50	1.6	206	21	2.4	0.0
03/10/2023 06:00	2.8	196	22	4.4	0.0
03/10/2023 06:10	1.9	194	25	3.2	0.0
03/10/2023 06:20	2.4	192	16	3.6	0.0
03/10/2023 06:30	2.4	195	21	3.4	0.0
03/10/2023 06:40	1.9	180	26	3.9	0.0
03/10/2023 06:50	1.5	159	32	2.4	0.0
03/10/2023 07:00	1.2	167	28	2.1	0.0
03/10/2023 07:10	1.4	152	31	2.4	0.0
03/10/2023 07:20	1.4	134	30	2.3	0.0
03/10/2023 07:30	1.6	122	23	2.8	0.0
03/10/2023 07:40	1.7	106	34	3.1	0.0
03/10/2023 07:50	2.1	107	32	3.2	0.0
03/10/2023 08:00	2.0	106	28	3.3	0.0
03/10/2023 08:10	1.9	123	29	3.6	0.0
03/10/2023 08:20	1.8	123	32	2.8	0.0
03/10/2023 08:30	2.0	117	29	3.3	0.0
03/10/2023 08:40	2.0	116	28	3.4	0.0
03/10/2023 08:50	1.9	119	33	3.2	0.0
03/10/2023 09:00	2.2	114	27	3.2	0.0
03/10/2023 09:10	2.2	107	33	3.7	0.0
03/10/2023 09:20	2.5	83	24	4.3	0.0
03/10/2023 09:30	2.3	78	26	3.5	0.0
03/10/2023 09:40	2.4	84	26	4.0	0.0
03/10/2023 09:50	2.6	71	27	4.0	0.0
03/10/2023 10:00	2.7	65	25	4.6	0.0
03/10/2023 10:10	2.9	65	20	5.0	0.0
03/10/2023 10:20	3.1	60	25	4.9	0.0
03/10/2023 10:30	3.0	65	23	5.2	0.0
03/10/2023 10:40	3.2	66	23	5.4	0.0
03/10/2023 10:50	3.1	59	21	4.8	0.0
03/10/2023 11:00	3.0	67	22	4.8	0.0
03/10/2023 11:10	3.2	59	22	5.0	0.0
03/10/2023 11:20	2.9	59	24	4.4	0.0
03/10/2023 11:30	2.9	65	22	4.7	0.0
03/10/2023 11:40	3.1	58	24	5.4	0.0
03/10/2023 11:50	3.2	60	23	5.5	0.0
03/10/2023 12:00	3.5	61	20	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 12:10	3.4	65	23	5.3	0.0
03/10/2023 12:20	3.1	60	22	5.1	0.0
03/10/2023 12:30	3.2	57	23	5.8	0.0
03/10/2023 12:40	3.4	49	24	5.3	0.0
03/10/2023 12:50	3.2	53	25	5.5	0.0
03/10/2023 13:00	3.4	53	24	5.4	0.0
03/10/2023 13:10	3.3	61	20	5.6	0.0
03/10/2023 13:20	3.5	55	21	5.7	0.0
03/10/2023 13:30	3.2	50	24	5.9	0.0
03/10/2023 13:40	3.4	51	25	5.2	0.0
03/10/2023 13:50	3.4	57	22	4.7	0.0
03/10/2023 14:00	3.0	57	20	4.3	0.0
03/10/2023 14:10	3.1	56	21	5.5	0.0
03/10/2023 14:20	2.9	54	22	4.6	0.0
03/10/2023 14:30	3.2	59	22	5.2	0.0
03/10/2023 14:40	3.2	56	19	4.8	0.0
03/10/2023 14:50	3.0	58	22	4.4	0.0
03/10/2023 15:00	2.6	64	24	4.3	0.0
03/10/2023 15:10	2.7	66	23	3.7	0.0
03/10/2023 15:20	2.3	56	26	3.6	0.0
03/10/2023 15:30	2.5	18	33	4.0	0.0
03/10/2023 15:40	2.4	13	30	4.1	0.0
03/10/2023 15:50	2.7	357	22	4.0	0.0
03/10/2023 16:00	2.5	186	32	3.9	0.0
03/10/2023 16:10	3.0	345	22	4.5	0.0
03/10/2023 16:20	2.4	343	25	4.0	0.0
03/10/2023 16:30	2.4	346	25	4.0	0.0
03/10/2023 16:40	2.4	329	23	3.8	0.0
03/10/2023 16:50	2.4	339	21	4.1	0.0
03/10/2023 17:00	1.8	343	30	2.9	0.0
03/10/2023 17:10	2.0	330	26	3.2	0.0
03/10/2023 17:20	1.8	320	34	2.8	0.0
03/10/2023 17:30	1.8	270	43	3.2	0.0
03/10/2023 17:40	2.0	288	26	2.9	0.0
03/10/2023 17:50	1.7	252	47	2.8	0.0
03/10/2023 18:00	2.0	249	25	3.1	0.0
03/10/2023 18:10	3.1	243	16	4.7	0.0
03/10/2023 18:20	3.3	245	15	4.6	0.0
03/10/2023 18:30	3.7	246	14	4.8	0.0
03/10/2023 18:40	4.1	248	14	5.5	0.0
03/10/2023 18:50	3.7	245	15	5.1	0.0
03/10/2023 19:00	3.8	252	14	4.9	0.0
03/10/2023 19:10	3.6	254	16	4.8	0.0
03/10/2023 19:20	3.7	247	13	5.2	0.0
03/10/2023 19:30	4.0	250	13	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/10/2023 19:40	3.8	248	13	5.1	0.0
03/10/2023 19:50	3.7	255	14	5.4	0.0
03/10/2023 20:00	3.6	255	14	5.0	0.0
03/10/2023 20:10	3.2	258	17	4.6	0.0
03/10/2023 20:20	3.4	252	15	5.1	0.0
03/10/2023 20:30	3.8	254	15	4.9	0.0
03/10/2023 20:40	3.1	249	15	4.5	0.0
03/10/2023 20:50	3.3	245	15	4.5	0.0
03/10/2023 21:00	3.1	250	15	4.8	0.0
03/10/2023 21:10	3.0	244	15	4.4	0.0
03/10/2023 21:20	2.7	250	13	4.0	0.0
03/10/2023 21:30	3.1	248	13	4.3	0.0
03/10/2023 21:40	3.1	244	16	4.4	0.0
03/10/2023 21:50	3.0	253	14	4.8	0.0
03/10/2023 22:00	2.6	256	12	3.6	0.0
03/10/2023 22:10	3.1	255	16	4.6	0.0
03/10/2023 22:20	3.2	249	17	4.9	0.0
03/10/2023 22:30	3.1	253	18	4.4	0.0
03/10/2023 22:40	3.2	258	17	4.5	0.0
03/10/2023 22:50	3.2	259	13	4.8	0.0
03/10/2023 23:00	3.0	255	15	4.2	0.0
03/10/2023 23:10	3.0	252	17	4.5	0.0
03/10/2023 23:20	3.0	257	13	4.1	0.0
03/10/2023 23:30	3.2	259	15	4.4	0.0
03/10/2023 23:40	3.2	253	13	4.4	0.0
03/10/2023 23:50	2.9	246	18	4.4	0.0
04/10/2023 00:00	3.3	247	16	4.7	0.0
04/10/2023 00:10	3.0	246	19	4.4	0.0
04/10/2023 00:20	3.1	253	16	4.5	0.0
04/10/2023 00:30	2.7	252	15	4.1	0.0
04/10/2023 00:40	2.9	240	19	4.7	0.0
04/10/2023 00:50	2.7	248	19	4.1	0.0
04/10/2023 01:00	3.5	255	19	5.2	0.0
04/10/2023 01:10	3.6	249	17	4.9	0.0
04/10/2023 01:20	3.5	242	19	5.2	0.0
04/10/2023 01:30	3.0	237	18	4.6	0.0
04/10/2023 01:40	3.1	245	19	4.2	0.0
04/10/2023 01:50	3.0	231	18	4.6	0.0
04/10/2023 02:00	2.4	233	20	3.8	0.0
04/10/2023 02:10	2.7	236	21	4.2	0.0
04/10/2023 02:20	3.2	236	17	4.7	0.0
04/10/2023 02:30	2.7	238	17	4.4	0.0
04/10/2023 02:40	3.7	241	15	5.2	0.0
04/10/2023 02:50	3.7	241	20	5.3	0.0
04/10/2023 03:00	3.5	242	17	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 03:10	3.0	245	16	4.5	0.0
04/10/2023 03:20	2.9	250	18	4.7	0.0
04/10/2023 03:30	2.8	233	18	4.4	0.0
04/10/2023 03:40	3.2	238	15	4.8	0.0
04/10/2023 03:50	3.1	238	18	4.6	0.0
04/10/2023 04:00	3.0	240	16	4.4	0.0
04/10/2023 04:10	2.8	248	17	4.3	0.0
04/10/2023 04:20	2.1	251	19	3.1	0.0
04/10/2023 04:30	2.2	256	14	3.5	0.0
04/10/2023 04:40	1.9	266	21	3.1	0.0
04/10/2023 04:50	0.7	190	30	1.3	0.0
04/10/2023 05:00	1.2	207	43	2.2	0.0
04/10/2023 05:10	1.7	98	41	3.0	0.0
04/10/2023 05:20	1.0	153	49	2.0	0.0
04/10/2023 05:30	0.7	55	32	1.4	0.0
04/10/2023 05:40	0.9	31	14	1.5	0.0
04/10/2023 05:50	0.6	213	22	1.0	0.0
04/10/2023 06:00	0.2	207	14	0.7	0.0
04/10/2023 06:10	0.0	44	3	0.4	0.0
04/10/2023 06:20	0.1	167	8	0.5	0.0
04/10/2023 06:30	0.1	211	9	0.7	0.0
04/10/2023 06:40	0.0	13	12	0.4	0.0
04/10/2023 06:50	0.6	48	20	1.2	0.0
04/10/2023 07:00	0.7	89	22	1.6	0.0
04/10/2023 07:10	1.3	96	26	2.1	0.0
04/10/2023 07:20	1.5	113	29	2.4	0.0
04/10/2023 07:30	1.6	126	25	2.8	0.0
04/10/2023 07:40	1.5	114	30	2.8	0.0
04/10/2023 07:50	2.0	105	27	4.0	0.0
04/10/2023 08:00	2.6	94	22	3.9	0.0
04/10/2023 08:10	2.5	99	33	4.2	0.0
04/10/2023 08:20	2.8	98	26	4.3	0.0
04/10/2023 08:30	2.7	100	30	4.2	0.0
04/10/2023 08:40	2.6	103	32	4.4	0.0
04/10/2023 08:50	2.6	105	29	4.0	0.0
04/10/2023 09:00	2.7	90	23	4.5	0.0
04/10/2023 09:10	3.1	91	26	4.4	0.0
04/10/2023 09:20	3.4	85	21	5.4	0.0
04/10/2023 09:30	3.8	94	26	6.0	0.0
04/10/2023 09:40	3.9	93	31	6.1	0.0
04/10/2023 09:50	3.4	97	30	6.3	0.0
04/10/2023 10:00	3.6	81	25	5.8	0.0
04/10/2023 10:10	3.8	75	20	5.4	0.0
04/10/2023 10:20	3.2	76	23	4.9	0.0
04/10/2023 10:30	3.5	75	21	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 10:40	3.7	82	21	5.7	0.0
04/10/2023 10:50	3.4	84	27	6.1	0.0
04/10/2023 11:00	3.1	86	26	5.4	0.0
04/10/2023 11:10	3.3	66	19	5.2	0.0
04/10/2023 11:20	3.5	67	23	6.0	0.0
04/10/2023 11:30	3.6	67	21	5.3	0.0
04/10/2023 11:40	3.9	62	24	6.0	0.0
04/10/2023 11:50	3.6	62	21	5.9	0.0
04/10/2023 12:00	3.6	63	24	6.7	0.0
04/10/2023 12:10	3.6	70	22	5.5	0.0
04/10/2023 12:20	3.4	66	24	5.1	0.0
04/10/2023 12:30	3.5	67	24	5.9	0.0
04/10/2023 12:40	3.3	65	24	5.1	0.0
04/10/2023 12:50	3.4	62	24	6.3	0.0
04/10/2023 13:00	3.2	65	23	4.6	0.0
04/10/2023 13:10	3.4	67	22	4.9	0.0
04/10/2023 13:20	3.3	67	22	5.3	0.0
04/10/2023 13:30	3.2	59	23	5.1	0.0
04/10/2023 13:40	3.6	52	20	5.7	0.0
04/10/2023 13:50	3.6	59	21	5.8	0.0
04/10/2023 14:00	3.4	57	23	5.1	0.0
04/10/2023 14:10	3.5	56	24	5.7	0.0
04/10/2023 14:20	3.3	62	22	4.8	0.0
04/10/2023 14:30	3.0	65	21	4.5	0.0
04/10/2023 14:40	2.9	59	24	4.5	0.0
04/10/2023 14:50	3.2	64	23	4.4	0.0
04/10/2023 15:00	3.0	69	20	4.8	0.0
04/10/2023 15:10	2.6	67	20	4.4	0.0
04/10/2023 15:20	2.9	62	21	4.6	0.0
04/10/2023 15:30	2.9	55	23	4.5	0.0
04/10/2023 15:40	2.4	66	21	4.0	0.0
04/10/2023 15:50	2.6	68	19	3.5	0.0
04/10/2023 16:00	2.9	54	18	4.5	0.0
04/10/2023 16:10	2.4	53	21	4.0	0.0
04/10/2023 16:20	2.4	55	23	3.5	0.0
04/10/2023 16:30	2.3	48	26	3.6	0.0
04/10/2023 16:40	2.1	57	21	3.4	0.0
04/10/2023 16:50	1.8	61	21	2.9	0.0
04/10/2023 17:00	1.9	57	16	2.8	0.0
04/10/2023 17:10	1.9	63	16	2.8	0.0
04/10/2023 17:20	1.8	38	24	3.0	0.0
04/10/2023 17:30	2.0	6	31	3.2	0.0
04/10/2023 17:40	2.2	174	30	3.6	0.0
04/10/2023 17:50	2.3	4	29	3.6	0.0
04/10/2023 18:00	2.9	344	21	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/10/2023 18:10	3.0	347	24	4.7	0.0
04/10/2023 18:20	3.5	342	17	5.0	0.0
04/10/2023 18:30	3.4	334	18	4.8	0.0
04/10/2023 18:40	3.5	337	19	5.4	0.0
04/10/2023 18:50	3.5	338	19	5.2	0.0
04/10/2023 19:00	3.3	339	18	5.0	0.0
04/10/2023 19:10	3.5	340	18	5.1	0.0
04/10/2023 19:20	3.0	338	21	4.7	0.0
04/10/2023 19:30	2.7	340	20	4.4	0.0
04/10/2023 19:40	2.4	335	25	3.4	0.0
04/10/2023 19:50	3.4	344	18	4.8	0.0
04/10/2023 20:00	3.6	338	19	5.0	0.0
04/10/2023 20:10	2.8	348	22	4.3	0.0
04/10/2023 20:20	2.7	351	27	4.1	0.0
04/10/2023 20:30	1.7	347	60	3.0	0.0
04/10/2023 20:40	1.0	175	44	1.9	0.0
04/10/2023 20:50	1.2	246	13	1.7	0.0
04/10/2023 21:00	1.3	247	11	1.6	0.0
04/10/2023 21:10	1.4	243	8	1.8	0.0
04/10/2023 21:20	1.2	241	8	1.6	0.0
04/10/2023 21:30	1.2	241	10	1.6	0.0
04/10/2023 21:40	1.5	250	11	2.1	0.0
04/10/2023 21:50	1.5	256	12	1.9	0.0
04/10/2023 22:00	1.5	253	13	2.0	0.0
04/10/2023 22:10	1.5	247	13	2.3	0.0
04/10/2023 22:20	1.3	242	18	1.9	0.0
04/10/2023 22:30	1.5	241	19	2.2	0.0
04/10/2023 22:40	1.7	227	20	2.5	0.0
04/10/2023 22:50	2.2	230	17	3.4	0.0
04/10/2023 23:00	2.7	226	16	4.1	0.0
04/10/2023 23:10	2.5	241	16	3.6	0.0
04/10/2023 23:20	2.2	242	14	3.4	0.0
04/10/2023 23:30	2.6	255	14	3.6	0.0
04/10/2023 23:40	2.0	252	19	2.8	0.0
04/10/2023 23:50	2.2	246	16	3.4	0.0
05/10/2023 00:00	2.4	253	14	3.2	0.0
05/10/2023 00:10	2.2	250	16	3.2	0.0
05/10/2023 00:20	2.3	249	16	3.2	0.0
05/10/2023 00:30	2.4	243	17	3.4	0.0
05/10/2023 00:40	2.1	249	16	3.1	0.0
05/10/2023 00:50	2.5	258	15	3.6	0.0
05/10/2023 01:00	2.5	261	16	3.5	0.0
05/10/2023 01:10	2.3	270	13	3.5	0.0
05/10/2023 01:20	2.4	267	16	3.2	0.0
05/10/2023 01:30	2.3	263	13	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 01:40	2.0	256	17	2.9	0.0
05/10/2023 01:50	1.9	256	15	2.7	0.0
05/10/2023 02:00	1.5	245	19	2.2	0.0
05/10/2023 02:10	0.8	235	17	1.4	0.0
05/10/2023 02:20	0.7	301	27	1.2	0.0
05/10/2023 02:30	0.4	354	10	0.9	0.0
05/10/2023 02:40	1.2	279	22	2.7	0.0
05/10/2023 02:50	1.9	261	17	2.8	0.0
05/10/2023 03:00	2.6	257	16	3.9	0.0
05/10/2023 03:10	2.4	255	15	3.5	0.0
05/10/2023 03:20	2.3	232	20	3.6	0.0
05/10/2023 03:30	2.3	218	19	3.2	0.0
05/10/2023 03:40	1.9	214	13	2.9	0.0
05/10/2023 03:50	1.6	228	24	2.8	0.0
05/10/2023 04:00	1.1	220	48	2.1	0.0
05/10/2023 04:10	1.7	238	40	3.4	0.0
05/10/2023 04:20	2.2	194	32	3.7	0.0
05/10/2023 04:30	2.0	202	32	3.8	0.0
05/10/2023 04:40	2.8	194	24	5.3	0.0
05/10/2023 04:50	3.0	194	21	5.3	0.0
05/10/2023 05:00	2.1	200	24	3.7	0.0
05/10/2023 05:10	2.2	209	21	4.0	0.0
05/10/2023 05:20	2.2	207	20	3.4	0.0
05/10/2023 05:30	1.8	207	26	2.8	0.0
05/10/2023 05:40	1.9	211	22	3.4	0.0
05/10/2023 05:50	1.0	269	35	1.8	0.0
05/10/2023 06:00	1.3	294	21	2.0	0.0
05/10/2023 06:10	1.0	257	22	2.2	0.0
05/10/2023 06:20	0.6	177	20	1.7	0.0
05/10/2023 06:30	2.1	127	49	4.2	0.0
05/10/2023 06:40	1.8	91	37	4.2	0.0
05/10/2023 06:50	1.5	104	30	2.4	0.0
05/10/2023 07:00	1.4	89	32	2.7	0.0
05/10/2023 07:10	1.3	81	22	2.2	0.0
05/10/2023 07:20	1.9	78	20	3.2	0.0
05/10/2023 07:30	1.8	82	25	3.0	0.0
05/10/2023 07:40	1.3	73	26	2.0	0.0
05/10/2023 07:50	1.4	72	18	2.8	0.0
05/10/2023 08:00	1.8	68	25	2.9	0.0
05/10/2023 08:10	2.1	77	25	3.3	0.0
05/10/2023 08:20	2.1	78	26	3.5	0.0
05/10/2023 08:30	2.8	69	21	5.0	0.0
05/10/2023 08:40	2.4	83	27	4.2	0.0
05/10/2023 08:50	2.4	91	25	4.1	0.0
05/10/2023 09:00	2.6	83	23	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 09:10	2.9	83	23	4.6	0.0
05/10/2023 09:20	3.2	86	19	5.3	0.0
05/10/2023 09:30	3.0	81	25	4.4	0.0
05/10/2023 09:40	3.2	93	31	5.0	0.0
05/10/2023 09:50	3.2	90	25	4.9	0.0
05/10/2023 10:00	3.0	82	28	5.1	0.0
05/10/2023 10:10	3.4	86	26	5.3	0.0
05/10/2023 10:20	2.8	77	22	4.8	0.0
05/10/2023 10:30	2.9	65	24	4.9	0.0
05/10/2023 10:40	3.1	58	22	5.0	0.0
05/10/2023 10:50	3.3	70	19	5.2	0.0
05/10/2023 11:00	3.0	65	23	4.5	0.0
05/10/2023 11:10	3.0	64	24	5.2	0.0
05/10/2023 11:20	2.8	57	23	5.1	0.0
05/10/2023 11:30	2.9	56	22	4.3	0.0
05/10/2023 11:40	2.7	65	25	4.0	0.0
05/10/2023 11:50	2.7	59	26	4.9	0.0
05/10/2023 12:00	2.7	59	23	4.0	0.0
05/10/2023 12:10	2.8	64	24	4.5	0.0
05/10/2023 12:20	2.8	55	25	4.8	0.0
05/10/2023 12:30	3.1	71	23	4.8	0.0
05/10/2023 12:40	3.2	66	22	4.8	0.0
05/10/2023 12:50	3.0	66	24	4.6	0.0
05/10/2023 13:00	3.1	74	24	4.8	0.0
05/10/2023 13:10	3.2	64	22	5.2	0.0
05/10/2023 13:20	3.3	55	21	5.9	0.0
05/10/2023 13:30	3.3	62	24	5.6	0.0
05/10/2023 13:40	3.7	61	25	6.1	0.0
05/10/2023 13:50	3.3	66	20	5.4	0.0
05/10/2023 14:00	3.3	67	21	4.6	0.0
05/10/2023 14:10	3.1	68	20	5.2	0.0
05/10/2023 14:20	3.1	52	23	5.1	0.0
05/10/2023 14:30	3.8	45	23	6.6	0.0
05/10/2023 14:40	3.3	53	22	5.5	0.0
05/10/2023 14:50	3.0	65	22	4.4	0.0
05/10/2023 15:00	2.8	62	23	4.5	0.0
05/10/2023 15:10	2.5	65	25	4.0	0.0
05/10/2023 15:20	2.4	31	35	4.0	0.0
05/10/2023 15:30	3.0	182	31	4.7	0.0
05/10/2023 15:40	2.8	7	30	4.4	0.0
05/10/2023 15:50	2.7	7	29	4.4	0.0
05/10/2023 16:00	2.7	180	35	4.5	0.0
05/10/2023 16:10	2.7	178	29	4.5	0.0
05/10/2023 16:20	3.0	338	24	5.1	0.0
05/10/2023 16:30	3.2	347	25	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/10/2023 16:40	2.7	176	26	4.8	0.0
05/10/2023 16:50	3.1	335	17	4.6	0.0
05/10/2023 17:00	2.8	340	21	4.1	0.0
05/10/2023 17:10	2.7	342	22	4.1	0.0
05/10/2023 17:20	2.8	339	23	4.4	0.0
05/10/2023 17:30	3.0	337	20	4.8	0.0
05/10/2023 17:40	2.8	333	20	4.5	0.0
05/10/2023 17:50	3.1	323	19	4.6	0.0
05/10/2023 18:00	2.9	330	23	4.6	0.0
05/10/2023 18:10	2.6	331	24	4.6	0.0
05/10/2023 18:20	2.8	343	21	4.4	0.0
05/10/2023 18:30	2.7	336	25	4.7	0.0
05/10/2023 18:40	2.5	339	27	3.8	0.0
05/10/2023 18:50	2.5	331	25	4.2	0.0
05/10/2023 19:00	2.4	325	22	4.0	0.0
05/10/2023 19:10	2.9	341	19	4.4	0.0
05/10/2023 19:20	2.5	336	21	3.7	0.0
05/10/2023 19:30	2.5	337	22	3.8	0.0
05/10/2023 19:40	2.9	323	17	4.3	0.0
05/10/2023 19:50	2.6	322	20	4.1	0.0
05/10/2023 20:00	3.1	319	15	4.5	0.0
05/10/2023 20:10	2.6	321	19	4.1	0.0
05/10/2023 20:20	2.8	323	19	4.1	0.0
05/10/2023 20:30	2.8	326	20	4.0	0.0
05/10/2023 20:40	2.8	323	18	4.2	0.0
05/10/2023 20:50	2.7	317	17	3.9	0.0
05/10/2023 21:00	1.9	307	38	3.5	0.0
05/10/2023 21:10	1.5	307	48	2.7	0.0
05/10/2023 21:20	1.6	289	36	2.6	0.0
05/10/2023 21:30	2.0	255	24	2.7	0.0
05/10/2023 21:40	2.3	254	13	3.3	0.0
05/10/2023 21:50	1.7	261	14	2.6	0.0
05/10/2023 22:00	2.2	248	12	2.8	0.0
05/10/2023 22:10	2.3	240	11	3.3	0.0
05/10/2023 22:20	1.8	249	17	2.7	0.0
05/10/2023 22:30	2.1	244	16	3.0	0.0
05/10/2023 22:40	1.5	239	19	2.2	0.0
05/10/2023 22:50	1.4	282	21	2.1	0.0
05/10/2023 23:00	1.8	276	15	2.3	0.0
05/10/2023 23:10	1.8	253	17	2.8	0.0
05/10/2023 23:20	1.7	254	15	2.6	0.0
05/10/2023 23:30	1.9	247	15	3.1	0.0
05/10/2023 23:40	2.2	260	17	3.2	0.0
05/10/2023 23:50	2.7	269	17	3.6	0.0
06/10/2023 00:00	2.4	268	17	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 00:10	2.8	264	13	3.8	0.0
06/10/2023 00:20	2.3	261	14	3.3	0.0
06/10/2023 00:30	2.2	262	17	3.0	0.0
06/10/2023 00:40	2.2	266	14	3.1	0.0
06/10/2023 00:50	2.2	265	15	3.1	0.0
06/10/2023 01:00	2.3	249	16	3.4	0.0
06/10/2023 01:10	2.9	241	16	4.3	0.0
06/10/2023 01:20	2.6	246	21	4.1	0.0
06/10/2023 01:30	2.8	254	17	4.4	0.0
06/10/2023 01:40	2.8	264	17	4.1	0.0
06/10/2023 01:50	2.3	255	16	3.2	0.0
06/10/2023 02:00	2.4	255	21	3.6	0.0
06/10/2023 02:10	2.4	249	18	3.6	0.0
06/10/2023 02:20	3.0	269	17	4.2	0.0
06/10/2023 02:30	2.5	274	19	3.4	0.0
06/10/2023 02:40	2.3	280	19	3.7	0.0
06/10/2023 02:50	2.4	287	17	3.7	0.0
06/10/2023 03:00	2.4	274	17	3.9	0.0
06/10/2023 03:10	2.2	249	20	3.2	0.0
06/10/2023 03:20	1.5	250	24	2.4	0.0
06/10/2023 03:30	0.8	276	22	1.6	0.0
06/10/2023 03:40	0.7	298	17	1.6	0.0
06/10/2023 03:50	0.5	355	9	1.0	0.0
06/10/2023 04:00	0.6	19	12	1.2	0.0
06/10/2023 04:10	1.0	335	12	1.4	0.0
06/10/2023 04:20	0.8	294	28	1.2	0.0
06/10/2023 04:30	0.6	269	23	1.3	0.0
06/10/2023 04:40	1.3	275	17	2.2	0.0
06/10/2023 04:50	2.2	263	16	3.3	0.0
06/10/2023 05:00	2.1	271	18	2.8	0.0
06/10/2023 05:10	1.9	298	18	2.6	0.0
06/10/2023 05:20	1.5	291	22	2.3	0.0
06/10/2023 05:30	0.6	211	25	1.6	0.0
06/10/2023 05:40					0.0
06/10/2023 05:50	0.3	344	6	0.8	0.0
06/10/2023 06:00	0.4	181	16	0.9	0.0
06/10/2023 06:10	0.1	56	10	0.6	0.0
06/10/2023 06:20	0.0	99	12	0.6	0.0
06/10/2023 06:30	0.1	355	2	0.6	0.0
06/10/2023 06:40	0.2	18	7	1.0	0.0
06/10/2023 06:50					0.0
06/10/2023 07:00	0.2	194	20	0.9	0.0
06/10/2023 07:10	0.4	121	20	1.0	0.0
06/10/2023 07:20	1.2	155	25	2.0	0.0
06/10/2023 07:30	1.4	153	21	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 07:40	1.6	128	23	2.5	0.0
06/10/2023 07:50	1.8	125	36	3.0	0.0
06/10/2023 08:00	1.8	125	31	2.9	0.0
06/10/2023 08:10	2.0	117	30	3.2	0.0
06/10/2023 08:20	2.0	115	35	3.7	0.0
06/10/2023 08:30	2.2	109	33	4.2	0.0
06/10/2023 08:40	2.6	100	28	4.3	0.0
06/10/2023 08:50	2.3	102	27	4.5	0.0
06/10/2023 09:00	2.7	99	32	4.7	0.0
06/10/2023 09:10	3.0	94	24	4.8	0.0
06/10/2023 09:20	2.8	107	34	4.1	0.0
06/10/2023 09:30	2.9	106	28	4.5	0.0
06/10/2023 09:40	3.1	93	27	4.7	0.0
06/10/2023 09:50	3.8	85	19	5.6	0.0
06/10/2023 10:00	3.6	88	24	5.8	0.0
06/10/2023 10:10	3.2	97	29	5.0	0.0
06/10/2023 10:20	2.9	76	27	4.4	0.0
06/10/2023 10:30	3.2	76	21	4.8	0.0
06/10/2023 10:40	2.9	94	30	4.5	0.0
06/10/2023 10:50	3.1	82	28	4.8	0.0
06/10/2023 11:00	3.3	66	24	4.9	0.0
06/10/2023 11:10	3.4	66	23	5.8	0.0
06/10/2023 11:20	3.1	60	21	4.9	0.0
06/10/2023 11:30	3.8	76	20	5.6	0.0
06/10/2023 11:40	3.7	69	21	6.1	0.0
06/10/2023 11:50	3.4	57	24	5.8	0.0
06/10/2023 12:00	3.4	70	21	5.3	0.0
06/10/2023 12:10	3.5	77	21	5.6	0.0
06/10/2023 12:20	3.2	66	26	5.5	0.0
06/10/2023 12:30	3.2	63	25	5.1	0.0
06/10/2023 12:40	3.3	62	22	5.0	0.0
06/10/2023 12:50	3.5	69	22	5.2	0.0
06/10/2023 13:00	3.1	74	25	4.6	0.0
06/10/2023 13:10	3.1	67	26	4.9	0.0
06/10/2023 13:20	3.4	57	22	5.6	0.0
06/10/2023 13:30	3.2	64	21	4.9	0.0
06/10/2023 13:40	3.2	63	21	4.8	0.0
06/10/2023 13:50	3.3	74	22	4.8	0.0
06/10/2023 14:00	3.0	67	20	4.6	0.0
06/10/2023 14:10	3.0	66	23	4.4	0.0
06/10/2023 14:20	2.9	63	23	4.8	0.0
06/10/2023 14:30	2.9	69	21	4.4	0.0
06/10/2023 14:40	2.8	63	23	4.5	0.0
06/10/2023 14:50	2.8	67	19	4.0	0.0
06/10/2023 15:00	2.8	72	20	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 15:10	2.6	73	21	4.1	0.0
06/10/2023 15:20	2.9	68	19	4.7	0.0
06/10/2023 15:30	2.7	65	22	4.1	0.0
06/10/2023 15:40	2.6	52	21	4.0	0.0
06/10/2023 15:50	2.8	56	21	4.7	0.0
06/10/2023 16:00	2.9	50	23	4.5	0.0
06/10/2023 16:10	2.3	35	30	4.2	0.0
06/10/2023 16:20	2.3	5	32	3.8	0.0
06/10/2023 16:30	2.5	5	25	4.1	0.0
06/10/2023 16:40	2.0	170	31	3.2	0.0
06/10/2023 16:50	2.2	358	28	3.3	0.0
06/10/2023 17:00	2.3	347	25	3.7	0.0
06/10/2023 17:10	2.7	330	22	4.5	0.0
06/10/2023 17:20	2.9	338	21	4.2	0.0
06/10/2023 17:30	2.5	343	26	4.3	0.0
06/10/2023 17:40	2.7	340	24	4.1	0.0
06/10/2023 17:50	2.8	328	27	4.6	0.0
06/10/2023 18:00	3.2	328	17	5.2	0.0
06/10/2023 18:10	2.5	322	24	4.4	0.0
06/10/2023 18:20	2.8	321	20	4.8	0.0
06/10/2023 18:30	2.4	328	26	4.3	0.0
06/10/2023 18:40	2.0	331	30	3.4	0.0
06/10/2023 18:50	2.6	319	22	4.1	0.0
06/10/2023 19:00	2.0	306	33	3.7	0.0
06/10/2023 19:10	1.7	285	42	3.0	0.0
06/10/2023 19:20	1.8	273	34	3.2	0.0
06/10/2023 19:30	2.4	252	14	3.2	0.0
06/10/2023 19:40	2.2	255	15	3.2	0.0
06/10/2023 19:50	2.3	258	12	3.3	0.0
06/10/2023 20:00	2.6	252	12	3.4	0.0
06/10/2023 20:10	2.7	249	12	3.5	0.0
06/10/2023 20:20	2.1	252	9	2.7	0.0
06/10/2023 20:30	1.8	262	16	2.8	0.0
06/10/2023 20:40	2.1	248	9	2.8	0.0
06/10/2023 20:50	2.5	249	11	3.2	0.0
06/10/2023 21:00	2.3	249	9	2.8	0.0
06/10/2023 21:10	2.0	251	10	2.6	0.0
06/10/2023 21:20	2.5	250	12	3.5	0.0
06/10/2023 21:30	3.2	252	12	4.4	0.0
06/10/2023 21:40	2.5	261	14	3.6	0.0
06/10/2023 21:50	2.6	256	14	3.6	0.0
06/10/2023 22:00	2.8	261	13	3.7	0.0
06/10/2023 22:10	2.7	260	12	3.6	0.0
06/10/2023 22:20	2.5	264	16	3.7	0.0
06/10/2023 22:30	1.8	278	16	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/10/2023 22:40	1.7	274	17	2.6	0.0
06/10/2023 22:50	2.5	260	13	3.5	0.0
06/10/2023 23:00	2.3	262	16	3.1	0.0
06/10/2023 23:10	2.2	258	13	3.2	0.0
06/10/2023 23:20	2.1	261	13	2.7	0.0
06/10/2023 23:30	2.2	261	12	2.7	0.0
06/10/2023 23:40	2.4	266	14	3.3	0.0
06/10/2023 23:50	2.5	268	15	3.9	0.0
07/10/2023 00:00	2.4	268	15	3.6	0.0
07/10/2023 00:10	2.4	266	14	3.3	0.0
07/10/2023 00:20	2.4	256	15	3.6	0.0
07/10/2023 00:30	2.4	254	16	3.4	0.0
07/10/2023 00:40	2.3	257	14	3.6	0.0
07/10/2023 00:50	2.4	263	17	3.8	0.0
07/10/2023 01:00	2.2	264	17	3.1	0.0
07/10/2023 01:10	1.9	214	36	2.8	0.0
07/10/2023 01:20	1.5	183	37	3.1	0.0
07/10/2023 01:30	0.9	228	44	1.7	0.0
07/10/2023 01:40	1.1	257	45	2.0	0.0
07/10/2023 01:50	0.7	346	30	1.6	0.0
07/10/2023 02:00	1.0	340	25	1.7	0.0
07/10/2023 02:10	1.8	282	28	2.9	0.0
07/10/2023 02:20	1.5	206	42	2.4	0.0
07/10/2023 02:30	1.0	256	38	2.3	0.0
07/10/2023 02:40	1.2	238	30	2.0	0.0
07/10/2023 02:50	1.3	242	36	2.7	0.0
07/10/2023 03:00	1.9	272	26	3.0	0.0
07/10/2023 03:10	0.7	164	50	1.7	0.0
07/10/2023 03:20	0.9	258	37	1.6	0.0
07/10/2023 03:30	0.2	243	41	1.0	0.0
07/10/2023 03:40	0.3	233	35	1.1	0.0
07/10/2023 03:50	0.2	201	51	1.1	0.0
07/10/2023 04:00	0.6	266	36	1.4	0.0
07/10/2023 04:10	0.5	321	36	1.2	0.0
07/10/2023 04:20	0.3	242	24	1.1	0.0
07/10/2023 04:30	0.6	229	47	1.4	0.0
07/10/2023 04:40	1.7	177	22	2.8	0.0
07/10/2023 04:50	2.0	177	16	3.2	0.0
07/10/2023 05:00	0.7	70	33	1.2	0.0
07/10/2023 05:10	0.7	86	27	1.4	0.0
07/10/2023 05:20	0.9	84	34	1.5	0.0
07/10/2023 05:30	0.2	84	26	0.9	0.0
07/10/2023 05:40	0.1	214	5	0.6	0.0
07/10/2023 05:50	0.2	46	12	0.7	0.0
07/10/2023 06:00	0.5	32	20	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 06:10	0.7	55	35	1.6	0.0
07/10/2023 06:20	0.9	58	25	1.8	0.0
07/10/2023 06:30	0.9	69	24	1.4	0.0
07/10/2023 06:40	0.9	74	24	1.5	0.0
07/10/2023 06:50	1.0	93	21	1.7	0.0
07/10/2023 07:00	1.2	104	33	2.4	0.0
07/10/2023 07:10	1.4	95	28	2.4	0.0
07/10/2023 07:20	1.7	88	21	2.6	0.0
07/10/2023 07:30	1.6	91	29	2.8	0.0
07/10/2023 07:40	1.5	110	32	2.4	0.0
07/10/2023 07:50	1.6	111	31	2.8	0.0
07/10/2023 08:00	1.8	112	29	2.9	0.0
07/10/2023 08:10	1.7	106	23	2.8	0.0
07/10/2023 08:20	2.0	118	32	3.2	0.0
07/10/2023 08:30	1.9	108	26	2.8	0.0
07/10/2023 08:40	2.0	107	27	3.4	0.0
07/10/2023 08:50	2.1	94	24	4.1	0.0
07/10/2023 09:00	2.6	84	24	4.3	0.0
07/10/2023 09:10	3.0	82	22	5.0	0.0
07/10/2023 09:20	3.0	82	26	5.6	0.0
07/10/2023 09:30	2.9	82	29	4.8	0.0
07/10/2023 09:40	3.3	78	26	5.5	0.0
07/10/2023 09:50	3.3	75	23	5.3	0.0
07/10/2023 10:00	3.5	83	24	5.5	0.0
07/10/2023 10:10	3.0	83	26	5.7	0.0
07/10/2023 10:20	2.7	76	24	5.1	0.0
07/10/2023 10:30	2.9	72	24	5.0	0.0
07/10/2023 10:40	2.6	84	26	4.2	0.0
07/10/2023 10:50	2.7	78	30	4.4	0.0
07/10/2023 11:00	3.1	66	27	5.6	0.0
07/10/2023 11:10	3.6	59	25	6.4	0.0
07/10/2023 11:20	3.6	57	23	6.0	0.0
07/10/2023 11:30	3.3	62	23	6.2	0.0
07/10/2023 11:40	3.5	66	24	5.5	0.0
07/10/2023 11:50	3.1	72	23	5.2	0.0
07/10/2023 12:00	3.3	71	27	5.6	0.0
07/10/2023 12:10	3.5	67	22	6.0	0.0
07/10/2023 12:20	3.7	71	22	6.0	0.0
07/10/2023 12:30	3.6	73	20	5.8	0.0
07/10/2023 12:40	3.3	64	23	5.4	0.0
07/10/2023 12:50	3.4	66	20	5.2	0.0
07/10/2023 13:00	3.5	67	21	5.2	0.0
07/10/2023 13:10	3.3	66	22	5.3	0.0
07/10/2023 13:20	2.8	65	24	4.7	0.0
07/10/2023 13:30	3.2	71	23	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 13:40	2.8	62	21	4.5	0.0
07/10/2023 13:50	3.1	60	24	5.0	0.0
07/10/2023 14:00	3.4	50	22	5.7	0.0
07/10/2023 14:10	3.4	57	21	5.3	0.0
07/10/2023 14:20	3.2	64	22	5.6	0.0
07/10/2023 14:30	3.1	62	21	4.8	0.0
07/10/2023 14:40	3.4	54	22	5.6	0.0
07/10/2023 14:50	2.9	68	21	4.4	0.0
07/10/2023 15:00	2.9	73	20	4.4	0.0
07/10/2023 15:10	2.6	73	22	3.9	0.0
07/10/2023 15:20	2.2	59	27	3.7	0.0
07/10/2023 15:30	2.2	40	34	3.8	0.0
07/10/2023 15:40	2.7	32	30	4.5	0.0
07/10/2023 15:50	2.7	36	30	4.6	0.0
07/10/2023 16:00	2.7	19	31	4.9	0.0
07/10/2023 16:10	2.4	25	31	3.9	0.0
07/10/2023 16:20	2.4	7	30	4.0	0.0
07/10/2023 16:30	2.6	17	33	4.5	0.0
07/10/2023 16:40	2.6	13	28	4.1	0.0
07/10/2023 16:50	2.4	10	29	3.9	0.0
07/10/2023 17:00	2.1	23	31	4.0	0.0
07/10/2023 17:10	2.4	18	24	4.0	0.0
07/10/2023 17:20	2.2	19	32	4.6	0.0
07/10/2023 17:30	2.1	24	28	3.5	0.0
07/10/2023 17:40	2.0	22	30	3.4	0.0
07/10/2023 17:50	1.9	28	30	2.9	0.0
07/10/2023 18:00	1.9	21	28	3.0	0.0
07/10/2023 18:10	1.7	35	26	2.7	0.0
07/10/2023 18:20	1.8	17	32	3.2	0.0
07/10/2023 18:30	1.5	342	30	2.7	0.0
07/10/2023 18:40	1.8	323	26	3.4	0.0
07/10/2023 18:50	1.6	345	27	3.2	0.0
07/10/2023 19:00	1.8	341	26	2.8	0.0
07/10/2023 19:10	1.7	339	26	2.9	0.0
07/10/2023 19:20	1.6	343	30	2.8	0.0
07/10/2023 19:30	1.3	326	33	2.0	0.0
07/10/2023 19:40	1.3	350	31	2.2	0.0
07/10/2023 19:50	0.9	178	43	1.9	0.0
07/10/2023 20:00	0.1	203	23	0.6	0.0
07/10/2023 20:10	0.6	57	14	1.2	0.0
07/10/2023 20:20	0.7	54	11	1.2	0.0
07/10/2023 20:30	0.8	52	11	1.3	0.0
07/10/2023 20:40	0.3	89	14	0.6	0.0
07/10/2023 20:50	0.5	126	34	1.3	0.0
07/10/2023 21:00	0.2	88	27	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/10/2023 21:10	0.0	143	1	0.4	0.0
07/10/2023 21:20	0.3	204	16	1.0	0.0
07/10/2023 21:30	0.3	243	3	0.8	0.0
07/10/2023 21:40	0.8	227	10	1.4	0.0
07/10/2023 21:50	0.9	256	8	1.7	0.0
07/10/2023 22:00					0.0
07/10/2023 22:10	0.4	213	5	1.2	0.0
07/10/2023 22:20	1.1	234	12	1.7	0.0
07/10/2023 22:30	1.3	235	13	1.8	0.0
07/10/2023 22:40	1.8	236	17	2.6	0.0
07/10/2023 22:50	1.6	245	11	2.6	0.0
07/10/2023 23:00	1.3	257	10	1.7	0.0
07/10/2023 23:10	1.5	252	7	2.0	0.0
07/10/2023 23:20	1.8	264	14	2.4	0.0
07/10/2023 23:30	1.9	247	13	2.6	0.0
07/10/2023 23:40	1.3	241	21	2.0	0.0
07/10/2023 23:50	1.3	255	10	2.1	0.0
08/10/2023 00:00	0.7	260	12	1.1	0.0
08/10/2023 00:10	0.6	171	20	1.1	0.0
08/10/2023 00:20	0.4	257	3	1.6	0.0
08/10/2023 00:30	1.3	254	7	1.6	0.0
08/10/2023 00:40	1.3	257	9	1.6	0.0
08/10/2023 00:50	1.6	246	15	2.2	0.0
08/10/2023 01:00	1.5	240	19	2.6	0.0
08/10/2023 01:10	1.8	268	18	3.0	0.0
08/10/2023 01:20	1.5	258	25	2.2	0.0
08/10/2023 01:30	0.5	231	14	1.2	0.0
08/10/2023 01:40	1.2	251	13	1.8	0.0
08/10/2023 01:50	1.4	254	10	2.0	0.0
08/10/2023 02:00	1.3	252	10	1.7	0.0
08/10/2023 02:10	0.6	164	7	1.2	0.0
08/10/2023 02:20	0.1	6	11	0.4	0.0
08/10/2023 02:30	0.6	338	9	1.1	0.0
08/10/2023 02:40	0.2	172	5	0.8	0.0
08/10/2023 02:50	0.3	164	13	0.8	0.0
08/10/2023 03:00	0.6	357	17	0.8	0.0
08/10/2023 03:10	0.1	115	17	0.6	0.0
08/10/2023 03:20	0.2	139	24	0.8	0.0
08/10/2023 03:30	0.4	46	14	1.0	0.0
08/10/2023 03:40	0.6	39	14	1.3	0.0
08/10/2023 03:50	0.1	15	9	0.8	0.0
08/10/2023 04:00					0.0
08/10/2023 04:10					0.0
08/10/2023 04:20	0.4	336	7	1.3	0.0
08/10/2023 04:30	0.1	320	6	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 04:40	0.7	273	32	1.5	0.0
08/10/2023 04:50	1.4	342	10	2.0	0.0
08/10/2023 05:00	0.8	350	13	1.2	0.0
08/10/2023 05:10	0.6	16	11	1.2	0.0
08/10/2023 05:20	0.9	179	19	1.7	0.0
08/10/2023 05:30	0.9	192	17	1.6	0.0
08/10/2023 05:40	0.7	184	19	1.4	0.0
08/10/2023 05:50	0.7	21	21	1.2	0.0
08/10/2023 06:00	0.7	358	15	1.2	0.0
08/10/2023 06:10	0.5	16	13	1.1	0.0
08/10/2023 06:20	0.9	21	22	1.5	0.0
08/10/2023 06:30	0.6	36	37	1.5	0.0
08/10/2023 06:40	0.2	50	17	1.1	0.0
08/10/2023 06:50	0.1	186	6	0.6	0.0
08/10/2023 07:00	0.1	80	7	0.6	0.0
08/10/2023 07:10	0.3	73	14	1.0	0.0
08/10/2023 07:20	0.6	94	28	1.2	0.0
08/10/2023 07:30	1.1	114	23	1.7	0.0
08/10/2023 07:40	1.2	111	25	1.8	0.0
08/10/2023 07:50	1.1	117	25	2.0	0.0
08/10/2023 08:00	1.2	112	28	2.0	0.0
08/10/2023 08:10	1.2	128	25	2.2	0.0
08/10/2023 08:20	1.2	115	31	2.0	0.0
08/10/2023 08:30	1.2	130	32	2.1	0.0
08/10/2023 08:40	1.3	140	26	2.3	0.0
08/10/2023 08:50	1.2	113	28	2.0	0.0
08/10/2023 09:00	1.4	101	28	2.2	0.0
08/10/2023 09:10	1.5	106	27	2.4	0.0
08/10/2023 09:20	1.8	81	29	2.9	0.0
08/10/2023 09:30	2.0	81	29	3.2	0.0
08/10/2023 09:40	1.8	59	34	3.2	0.0
08/10/2023 09:50	2.3	64	23	4.1	0.0
08/10/2023 10:00	2.4	63	25	3.6	0.0
08/10/2023 10:10	2.7	70	25	4.5	0.0
08/10/2023 10:20	2.6	61	22	4.0	0.0
08/10/2023 10:30	2.7	64	20	4.3	0.0
08/10/2023 10:40	3.0	65	25	4.7	0.0
08/10/2023 10:50	3.1	68	22	4.5	0.0
08/10/2023 11:00	3.2	69	26	5.3	0.0
08/10/2023 11:10	3.4	68	21	5.6	0.0
08/10/2023 11:20	3.4	65	22	5.2	0.0
08/10/2023 11:30	3.5	70	21	5.3	0.0
08/10/2023 11:40	3.4	69	22	5.3	0.0
08/10/2023 11:50	3.3	71	22	5.2	0.0
08/10/2023 12:00	3.4	68	23	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 12:10	3.5	72	21	5.2	0.0
08/10/2023 12:20	3.6	69	23	5.9	0.0
08/10/2023 12:30	3.4	63	25	5.3	0.0
08/10/2023 12:40	3.8	64	20	7.3	0.0
08/10/2023 12:50	3.8	57	20	6.0	0.0
08/10/2023 13:00	3.8	52	20	6.7	0.0
08/10/2023 13:10	3.9	55	23	6.0	0.0
08/10/2023 13:20	3.6	61	21	5.7	0.0
08/10/2023 13:30	3.7	62	24	6.4	0.0
08/10/2023 13:40	3.9	64	24	6.1	0.0
08/10/2023 13:50	3.8	54	23	6.6	0.0
08/10/2023 14:00	4.0	55	21	6.3	0.0
08/10/2023 14:10	3.7	54	18	5.9	0.0
08/10/2023 14:20	3.4	53	22	5.4	0.0
08/10/2023 14:30	3.8	57	25	6.0	0.0
08/10/2023 14:40	4.3	50	20	6.4	0.0
08/10/2023 14:50	3.7	53	20	6.0	0.0
08/10/2023 15:00	4.0	60	20	5.8	0.0
08/10/2023 15:10	3.2	57	21	5.2	0.0
08/10/2023 15:20	2.9	63	21	4.9	0.0
08/10/2023 15:30	3.0	50	24	5.0	0.0
08/10/2023 15:40	3.4	57	22	6.1	0.0
08/10/2023 15:50	3.4	53	23	6.0	0.0
08/10/2023 16:00	3.2	58	20	5.3	0.0
08/10/2023 16:10	3.1	47	20	6.0	0.0
08/10/2023 16:20	3.7	45	19	5.7	0.0
08/10/2023 16:30	3.6	47	22	6.1	0.0
08/10/2023 16:40	3.5	49	23	5.7	0.0
08/10/2023 16:50	3.1	41	24	5.0	0.0
08/10/2023 17:00	2.4	40	27	3.8	0.0
08/10/2023 17:10	2.5	38	28	4.0	0.0
08/10/2023 17:20	2.5	34	24	4.2	0.0
08/10/2023 17:30	2.4	20	34	4.5	0.0
08/10/2023 17:40	2.6	21	28	4.5	0.0
08/10/2023 17:50	2.5	24	27	4.4	0.0
08/10/2023 18:00	2.7	23	28	4.5	0.0
08/10/2023 18:10	2.9	15	29	4.8	0.0
08/10/2023 18:20	2.9	14	25	5.0	0.0
08/10/2023 18:30	3.2	18	27	5.0	0.0
08/10/2023 18:40	3.1	23	25	5.1	0.0
08/10/2023 18:50	2.9	23	33	4.5	0.0
08/10/2023 19:00	2.9	20	29	4.4	0.0
08/10/2023 19:10	2.8	23	27	5.2	0.0
08/10/2023 19:20	2.9	22	27	4.3	0.0
08/10/2023 19:30	2.8	23	27	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/10/2023 19:40	2.7	17	29	4.1	0.0
08/10/2023 19:50	2.6	13	26	4.2	0.0
08/10/2023 20:00	2.2	9	29	3.9	0.0
08/10/2023 20:10	1.8	186	33	3.2	0.0
08/10/2023 20:20	2.4	321	26	4.0	0.0
08/10/2023 20:30	2.8	329	27	4.2	0.0
08/10/2023 20:40	2.8	345	18	4.1	0.0
08/10/2023 20:50	2.0	356	27	3.4	0.0
08/10/2023 21:00	1.7	176	38	3.6	0.0
08/10/2023 21:10	3.0	322	24	4.6	0.0
08/10/2023 21:20	2.6	317	22	3.8	0.0
08/10/2023 21:30	2.4	332	21	3.6	0.0
08/10/2023 21:40	1.9	324	25	3.0	0.0
08/10/2023 21:50	0.8	286	27	1.6	0.0
08/10/2023 22:00	0.2	299	19	0.9	0.0
08/10/2023 22:10	1.0	167	27	2.0	0.0
08/10/2023 22:20	1.5	325	31	2.4	0.0
08/10/2023 22:30	0.8	329	34	1.6	0.0
08/10/2023 22:40	1.0	326	33	2.0	0.0
08/10/2023 22:50	0.6	306	34	1.6	0.0
08/10/2023 23:00	0.2	200	33	0.8	0.0
08/10/2023 23:10	0.0	155	0	0.4	0.0
08/10/2023 23:20	0.1	247	18	0.6	0.0
08/10/2023 23:30	0.5	300	13	1.0	0.0
08/10/2023 23:40	0.5	301	9	1.0	0.0
08/10/2023 23:50	0.5	311	15	1.3	0.0
09/10/2023 00:00	1.3	260	14	1.7	0.0
09/10/2023 00:10	0.2	183	21	0.8	0.0
09/10/2023 00:20	1.1	277	14	1.6	0.0
09/10/2023 00:30	1.0	175	46	1.6	0.0
09/10/2023 00:40	0.6	240	12	1.9	0.0
09/10/2023 00:50	1.8	258	10	2.4	0.0
09/10/2023 01:00	1.6	270	16	2.1	0.0
09/10/2023 01:10	1.7	265	13	2.2	0.0
09/10/2023 01:20	1.1	268	21	1.6	0.0
09/10/2023 01:30	0.6	157	19	1.0	0.0
09/10/2023 01:40	0.5	189	15	1.1	0.0
09/10/2023 01:50	0.5	22	24	1.2	0.0
09/10/2023 02:00	2.0	44	22	3.2	0.0
09/10/2023 02:10	0.4	29	22	1.3	0.0
09/10/2023 02:20	0.2	190	8	0.8	0.0
09/10/2023 02:30	0.4	147	14	0.9	0.0
09/10/2023 02:40	0.9	261	16	1.3	0.0
09/10/2023 02:50	1.2	269	25	2.0	0.0
09/10/2023 03:00	0.8	258	33	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 03:10	0.5	235	19	2.0	0.0
09/10/2023 03:20	1.4	269	53	2.4	0.0
09/10/2023 03:30	0.2	71	23	0.8	0.0
09/10/2023 03:40	0.1	163	23	0.7	0.0
09/10/2023 03:50	0.5	255	8	1.2	0.0
09/10/2023 04:00	0.9	174	12	1.6	0.0
09/10/2023 04:10	0.5	299	14	1.1	0.0
09/10/2023 04:20	0.8	277	7	1.6	0.0
09/10/2023 04:30	1.0	267	26	1.5	0.0
09/10/2023 04:40	0.6	290	47	1.3	0.0
09/10/2023 04:50	0.7	146	25	1.2	0.0
09/10/2023 05:00	0.5	4	25	0.9	0.0
09/10/2023 05:10	0.6	177	17	1.3	0.0
09/10/2023 05:20	0.9	175	17	1.2	0.0
09/10/2023 05:30	1.1	355	17	1.6	0.0
09/10/2023 05:40	1.0	186	24	1.5	0.0
09/10/2023 05:50	1.1	30	19	1.8	0.0
09/10/2023 06:00	1.0	19	17	1.4	0.0
09/10/2023 06:10	0.9	175	21	1.2	0.0
09/10/2023 06:20	0.9	346	21	1.4	0.0
09/10/2023 06:30	0.5	52	20	1.0	0.0
09/10/2023 06:40	0.3	188	10	0.9	0.0
09/10/2023 06:50	0.1	56	7	0.8	0.0
09/10/2023 07:00	0.6	348	15	1.0	0.0
09/10/2023 07:10	0.2	70	10	0.7	0.0
09/10/2023 07:20	0.7	65	25	1.6	0.0
09/10/2023 07:30	0.6	97	22	1.3	0.0
09/10/2023 07:40	0.7	83	26	1.2	0.0
09/10/2023 07:50	0.9	112	31	1.6	0.0
09/10/2023 08:00	0.9	91	22	1.7	0.0
09/10/2023 08:10	1.0	105	33	1.9	0.0
09/10/2023 08:20	1.0	89	26	1.8	0.0
09/10/2023 08:30	1.2	94	21	2.0	0.0
09/10/2023 08:40	1.2	119	36	2.0	0.0
09/10/2023 08:50	1.0	106	33	1.7	0.0
09/10/2023 09:00	1.2	111	35	2.0	0.0
09/10/2023 09:10	1.3	123	32	2.3	0.0
09/10/2023 09:20	1.1	110	40	2.0	0.0
09/10/2023 09:30	1.3	109	40	2.0	0.0
09/10/2023 09:40	1.2	110	63	2.1	0.0
09/10/2023 09:50	1.5	119	33	2.5	0.0
09/10/2023 10:00	1.4	95	38	2.6	0.0
09/10/2023 10:10	1.5	71	26	2.4	0.0
09/10/2023 10:20	1.6	69	36	2.6	0.0
09/10/2023 10:30	1.7	61	32	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 10:40	1.6	95	30	2.5	0.0
09/10/2023 10:50	1.6	64	29	2.9	0.0
09/10/2023 11:00	1.4	57	48	2.4	0.0
09/10/2023 11:10	1.7	62	28	3.1	0.0
09/10/2023 11:20	2.1	63	24	3.2	0.0
09/10/2023 11:30	2.1	68	24	3.5	0.0
09/10/2023 11:40	2.7	63	22	3.8	0.0
09/10/2023 11:50	2.4	67	23	3.6	0.0
09/10/2023 12:00	2.9	60	19	4.3	0.0
09/10/2023 12:10	2.9	58	19	4.3	0.0
09/10/2023 12:20	3.1	74	20	4.2	0.0
09/10/2023 12:30	2.7	69	25	4.1	0.0
09/10/2023 12:40	2.8	64	21	4.3	0.0
09/10/2023 12:50	2.7	65	18	3.8	0.0
09/10/2023 13:00	2.8	75	21	4.2	0.0
09/10/2023 13:10	2.6	86	16	3.8	0.0
09/10/2023 13:20	2.4	73	22	3.5	0.0
09/10/2023 13:30	3.1	59	22	5.1	0.0
09/10/2023 13:40	2.9	56	23	4.6	0.0
09/10/2023 13:50	3.2	60	22	5.0	0.0
09/10/2023 14:00	3.1	58	23	4.8	0.0
09/10/2023 14:10	3.3	61	22	5.1	0.0
09/10/2023 14:20	3.2	63	19	4.9	0.0
09/10/2023 14:30	3.2	61	23	5.2	0.0
09/10/2023 14:40	3.3	68	20	4.7	0.0
09/10/2023 14:50	3.2	70	19	4.8	0.0
09/10/2023 15:00	3.1	64	21	4.8	0.0
09/10/2023 15:10	3.3	53	21	5.9	0.0
09/10/2023 15:20	3.0	45	24	5.2	0.0
09/10/2023 15:30	2.8	32	28	5.0	0.0
09/10/2023 15:40	2.9	27	31	4.6	0.0
09/10/2023 15:50	2.8	23	28	4.8	0.0
09/10/2023 16:00	2.5	24	35	4.4	0.0
09/10/2023 16:10	2.9	8	29	4.7	0.0
09/10/2023 16:20	2.5	18	30	4.3	0.0
09/10/2023 16:30	2.4	27	33	4.1	0.0
09/10/2023 16:40	2.6	28	31	4.9	0.0
09/10/2023 16:50	2.8	14	29	4.5	0.0
09/10/2023 17:00	2.8	21	27	5.1	0.0
09/10/2023 17:10	2.5	22	30	4.7	0.0
09/10/2023 17:20	2.5	24	29	4.1	0.0
09/10/2023 17:30	2.5	22	29	3.9	0.0
09/10/2023 17:40	2.3	20	33	3.8	0.0
09/10/2023 17:50	2.4	28	25	4.5	0.0
09/10/2023 18:00	2.3	23	29	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/10/2023 18:10	2.4	34	26	4.3	0.0
09/10/2023 18:20	2.2	16	30	3.8	0.0
09/10/2023 18:30	1.3	161	35	2.8	0.0
09/10/2023 18:40	2.0	319	18	2.8	0.0
09/10/2023 18:50	1.7	319	36	3.1	0.0
09/10/2023 19:00	2.3	332	29	4.1	0.0
09/10/2023 19:10	2.3	352	27	3.9	0.0
09/10/2023 19:20	1.6	332	22	2.4	0.0
09/10/2023 19:30	1.7	332	23	3.2	0.0
09/10/2023 19:40	1.6	339	31	2.7	0.0
09/10/2023 19:50	1.7	329	23	3.1	0.0
09/10/2023 20:00	1.8	326	18	2.5	0.0
09/10/2023 20:10	1.8	331	23	2.8	0.0
09/10/2023 20:20	1.6	308	30	2.8	0.0
09/10/2023 20:30	1.9	245	18	2.8	0.0
09/10/2023 20:40	2.2	252	8	2.8	0.0
09/10/2023 20:50	1.8	253	7	2.2	0.0
09/10/2023 21:00	1.9	244	11	2.4	0.0
09/10/2023 21:10	1.9	249	7	2.4	0.0
09/10/2023 21:20	1.6	265	16	2.3	0.0
09/10/2023 21:30	1.9	250	14	2.6	0.0
09/10/2023 21:40	1.8	248	15	2.4	0.0
09/10/2023 21:50	2.2	252	13	2.8	0.0
09/10/2023 22:00	2.3	257	14	3.3	0.0
09/10/2023 22:10	2.6	255	15	3.8	0.0
09/10/2023 22:20	2.4	248	14	3.2	0.0
09/10/2023 22:30	2.7	251	12	3.3	0.0
09/10/2023 22:40	2.7	255	11	3.6	0.0
09/10/2023 22:50	2.7	258	13	3.6	0.0
09/10/2023 23:00	2.0	265	13	3.0	0.0
09/10/2023 23:10	2.0	264	12	2.5	0.0
09/10/2023 23:20	2.2	265	14	3.0	0.0
09/10/2023 23:30	2.2	266	14	3.0	0.0
09/10/2023 23:40	2.3	267	12	3.0	0.0
09/10/2023 23:50	2.1	272	14	3.2	0.0
10/10/2023 00:00	1.5	280	20	2.3	0.0
10/10/2023 00:10	1.9	273	16	2.6	0.0
10/10/2023 00:20	1.3	283	20	1.8	0.0
10/10/2023 00:30	1.7	274	16	2.4	0.0
10/10/2023 00:40	2.0	265	13	2.8	0.0
10/10/2023 00:50	1.6	270	17	2.5	0.0
10/10/2023 01:00	2.0	261	13	2.8	0.0
10/10/2023 01:10	1.5	272	16	2.1	0.0
10/10/2023 01:20	1.1	278	21	1.8	0.0
10/10/2023 01:30	1.4	249	9	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 01:40	1.7	262	10	2.0	0.0
10/10/2023 01:50	1.4	266	13	2.0	0.0
10/10/2023 02:00	2.1	261	11	2.9	0.0
10/10/2023 02:10	2.3	257	13	3.1	0.0
10/10/2023 02:20	2.3	258	12	3.2	0.0
10/10/2023 02:30	2.2	259	13	2.8	0.0
10/10/2023 02:40	1.9	257	14	2.5	0.0
10/10/2023 02:50	2.2	260	15	3.2	0.0
10/10/2023 03:00	2.0	253	14	2.8	0.0
10/10/2023 03:10	2.0	257	11	2.6	0.0
10/10/2023 03:20	1.6	253	17	2.4	0.0
10/10/2023 03:30	1.6	250	18	2.3	0.0
10/10/2023 03:40	1.9	240	17	3.4	0.0
10/10/2023 03:50	1.6	252	16	2.7	0.0
10/10/2023 04:00	2.3	266	13	3.2	0.0
10/10/2023 04:10	1.8	249	35	3.1	0.0
10/10/2023 04:20	0.6	224	29	1.0	0.0
10/10/2023 04:30	1.4	253	14	2.0	0.0
10/10/2023 04:40	1.4	248	14	2.0	0.0
10/10/2023 04:50	0.7	254	21	1.3	0.0
10/10/2023 05:00	1.0	230	17	1.6	0.0
10/10/2023 05:10	0.0	23	3	0.4	0.0
10/10/2023 05:20	0.1	11	8	0.8	0.0
10/10/2023 05:30	0.3	353	12	1.0	0.0
10/10/2023 05:40	0.1	178	32	0.5	0.0
10/10/2023 05:50	0.6	189	19	1.1	0.0
10/10/2023 06:00	0.4	118	50	1.2	0.0
10/10/2023 06:10	0.6	34	17	1.3	0.0
10/10/2023 06:20	0.4	3	15	1.2	0.0
10/10/2023 06:30	0.3	205	10	0.8	0.0
10/10/2023 06:40	0.4	64	23	1.2	0.0
10/10/2023 06:50	0.6	60	17	1.2	0.0
10/10/2023 07:00	0.8	73	19	1.6	0.0
10/10/2023 07:10	0.8	81	27	1.3	0.0
10/10/2023 07:20	0.7	93	26	1.5	0.0
10/10/2023 07:30	0.8	106	26	1.5	0.0
10/10/2023 07:40	0.7	103	31	1.5	0.0
10/10/2023 07:50	0.7	144	32	1.5	0.0
10/10/2023 08:00	1.2	107	25	1.6	0.0
10/10/2023 08:10	1.4	106	26	2.4	0.0
10/10/2023 08:20	1.4	124	31	2.4	0.0
10/10/2023 08:30	1.1	99	27	1.7	0.0
10/10/2023 08:40	1.3	115	27	2.3	0.0
10/10/2023 08:50	1.1	113	52	1.9	0.0
10/10/2023 09:00	0.7	116	44	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 09:10	0.7	103	64	1.6	0.0
10/10/2023 09:20	1.0	112	54	1.7	0.0
10/10/2023 09:30	1.4	117	38	2.3	0.0
10/10/2023 09:40	1.2	116	34	2.4	0.0
10/10/2023 09:50	1.4	127	44	2.4	0.0
10/10/2023 10:00	1.2	101	38	2.0	0.0
10/10/2023 10:10	1.5	129	41	2.7	0.0
10/10/2023 10:20	1.8	231	49	3.2	0.0
10/10/2023 10:30	2.0	251	29	3.4	0.0
10/10/2023 10:40	2.2	250	36	3.9	0.0
10/10/2023 10:50	2.1	254	43	3.5	0.0
10/10/2023 11:00	2.4	235	28	4.3	0.0
10/10/2023 11:10	2.4	253	32	3.9	0.0
10/10/2023 11:20	2.3	268	41	4.1	0.0
10/10/2023 11:30	2.3	302	35	3.6	0.0
10/10/2023 11:40	2.1	289	45	3.5	0.0
10/10/2023 11:50	2.1	294	42	3.8	0.0
10/10/2023 12:00	2.6	331	24	4.3	0.0
10/10/2023 12:10	2.6	326	30	4.2	0.0
10/10/2023 12:20	2.8	336	23	4.4	0.0
10/10/2023 12:30	2.7	328	29	4.0	0.0
10/10/2023 12:40	2.7	325	37	4.3	0.0
10/10/2023 12:50	2.9	326	27	4.8	0.0
10/10/2023 13:00	3.4	330	20	5.3	0.0
10/10/2023 13:10	2.9	321	27	4.8	0.0
10/10/2023 13:20	3.3	326	20	5.0	0.0
10/10/2023 13:30	3.2	326	25	4.9	0.0
10/10/2023 13:40	3.6	322	21	5.2	0.0
10/10/2023 13:50	3.3	326	24	4.8	0.0
10/10/2023 14:00	3.3	325	24	4.6	0.0
10/10/2023 14:10	3.1	323	29	5.1	0.0
10/10/2023 14:20	2.7	314	41	4.9	0.0
10/10/2023 14:30	2.8	318	29	4.2	0.0
10/10/2023 14:40	2.5	311	43	4.0	0.0
10/10/2023 14:50	2.9	328	30	4.7	0.0
10/10/2023 15:00	3.2	323	23	4.5	0.0
10/10/2023 15:10	3.0	319	32	4.9	0.0
10/10/2023 15:20	3.0	325	25	4.4	0.0
10/10/2023 15:30	3.2	322	20	4.6	0.0
10/10/2023 15:40	3.1	323	27	4.8	0.0
10/10/2023 15:50	3.3	323	23	4.8	0.0
10/10/2023 16:00	3.2	322	20	4.8	0.0
10/10/2023 16:10	2.9	331	24	4.6	0.0
10/10/2023 16:20	2.7	315	25	4.2	0.0
10/10/2023 16:30	2.8	281	34	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 16:40	2.5	294	37	4.0	0.0
10/10/2023 16:50	2.2	287	36	4.3	0.0
10/10/2023 17:00	2.2	278	34	3.8	0.0
10/10/2023 17:10	2.7	262	27	4.7	0.0
10/10/2023 17:20	2.6	276	28	4.0	0.0
10/10/2023 17:30	2.1	279	33	3.6	0.0
10/10/2023 17:40	2.6	261	22	4.0	0.0
10/10/2023 17:50	3.1	242	16	4.4	0.0
10/10/2023 18:00	2.5	251	15	3.6	0.0
10/10/2023 18:10	2.0	256	20	2.8	0.0
10/10/2023 18:20	1.5	268	36	2.4	0.0
10/10/2023 18:30	2.2	254	17	3.2	0.0
10/10/2023 18:40	2.6	240	14	3.4	0.0
10/10/2023 18:50	2.2	244	13	3.3	0.0
10/10/2023 19:00	2.2	249	15	2.8	0.0
10/10/2023 19:10	2.3	248	12	3.0	0.0
10/10/2023 19:20	1.9	248	13	2.5	0.0
10/10/2023 19:30	2.1	248	11	2.7	0.0
10/10/2023 19:40	1.7	253	16	2.6	0.0
10/10/2023 19:50	1.3	256	23	2.1	0.0
10/10/2023 20:00	1.9	255	12	2.6	0.0
10/10/2023 20:10	1.6	252	11	2.3	0.0
10/10/2023 20:20	1.2	280	27	1.8	0.0
10/10/2023 20:30	1.7	258	13	2.4	0.0
10/10/2023 20:40	1.7	251	11	2.4	0.0
10/10/2023 20:50	1.9	247	12	2.3	0.0
10/10/2023 21:00	1.8	274	23	2.4	0.0
10/10/2023 21:10	1.0	264	34	2.0	0.0
10/10/2023 21:20	1.7	243	11	2.4	0.0
10/10/2023 21:30	2.1	247	11	2.8	0.0
10/10/2023 21:40	2.5	247	11	3.5	0.0
10/10/2023 21:50	2.4	253	14	3.5	0.0
10/10/2023 22:00	2.5	258	14	3.6	0.0
10/10/2023 22:10	1.9	275	18	2.7	0.0
10/10/2023 22:20	2.4	264	15	3.6	0.0
10/10/2023 22:30	2.7	260	12	3.7	0.0
10/10/2023 22:40	2.9	257	12	4.0	0.0
10/10/2023 22:50	3.1	258	13	4.2	0.0
10/10/2023 23:00	3.3	250	12	4.0	0.0
10/10/2023 23:10	3.3	253	13	4.5	0.0
10/10/2023 23:20	2.8	251	15	4.0	0.0
10/10/2023 23:30	2.9	253	15	4.1	0.0
10/10/2023 23:40	2.9	256	14	4.0	0.0
10/10/2023 23:50	2.7	254	13	3.3	0.0
11/10/2023 00:00	2.7	258	15	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 00:10	2.6	259	13	3.6	0.0
11/10/2023 00:20	2.6	257	16	3.6	0.0
11/10/2023 00:30	2.8	257	14	3.8	0.0
11/10/2023 00:40	2.7	262	14	3.8	0.0
11/10/2023 00:50	2.6	258	12	3.4	0.0
11/10/2023 01:00	2.5	264	15	3.5	0.0
11/10/2023 01:10	2.7	261	12	3.5	0.0
11/10/2023 01:20	2.2	255	13	2.8	0.0
11/10/2023 01:30	1.7	255	12	2.2	0.0
11/10/2023 01:40	1.8	255	10	2.3	0.0
11/10/2023 01:50	1.9	264	14	2.7	0.0
11/10/2023 02:00	2.1	262	12	3.1	0.0
11/10/2023 02:10	1.6	257	14	2.4	0.0
11/10/2023 02:20	1.9	271	15	2.9	0.0
11/10/2023 02:30	2.1	269	17	3.2	0.0
11/10/2023 02:40	1.9	273	17	2.7	0.0
11/10/2023 02:50	1.6	294	15	2.4	0.0
11/10/2023 03:00	1.2	270	15	1.9	0.0
11/10/2023 03:10	1.5	286	17	2.0	0.0
11/10/2023 03:20	2.0	275	14	2.9	0.0
11/10/2023 03:30	2.1	268	14	3.2	0.0
11/10/2023 03:40	2.2	265	13	3.0	0.0
11/10/2023 03:50	2.0	265	16	3.0	0.0
11/10/2023 04:00	2.2	268	15	3.0	0.0
11/10/2023 04:10	2.2	264	14	3.4	0.0
11/10/2023 04:20	2.3	260	16	3.4	0.0
11/10/2023 04:30	2.2	260	13	3.2	0.0
11/10/2023 04:40	1.9	260	16	3.0	0.0
11/10/2023 04:50	2.2	258	17	3.2	0.0
11/10/2023 05:00	2.0	262	17	3.0	0.0
11/10/2023 05:10	2.0	266	16	2.8	0.0
11/10/2023 05:20	2.1	258	15	3.2	0.0
11/10/2023 05:30	2.0	260	16	3.2	0.0
11/10/2023 05:40	2.1	250	15	3.1	0.0
11/10/2023 05:50	1.8	251	13	2.5	0.0
11/10/2023 06:00	1.8	253	13	2.6	0.0
11/10/2023 06:10	1.9	254	13	2.8	0.0
11/10/2023 06:20	2.0	251	15	2.8	0.0
11/10/2023 06:30	1.8	246	14	2.8	0.0
11/10/2023 06:40	2.2	236	17	3.3	0.0
11/10/2023 06:50	2.7	245	19	3.9	0.0
11/10/2023 07:00	3.2	251	17	4.4	0.0
11/10/2023 07:10	2.9	239	20	4.5	0.0
11/10/2023 07:20	3.1	244	20	4.3	0.0
11/10/2023 07:30	3.2	248	18	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 07:40	2.8	252	17	4.0	0.0
11/10/2023 07:50	2.6	256	21	3.5	0.0
11/10/2023 08:00	2.7	245	18	4.0	0.0
11/10/2023 08:10	2.3	256	21	3.3	0.0
11/10/2023 08:20	1.9	264	27	3.0	0.0
11/10/2023 08:30	1.6	271	30	2.3	0.0
11/10/2023 08:40	1.9	270	25	3.0	0.0
11/10/2023 08:50	1.9	266	28	3.0	0.0
11/10/2023 09:00	1.9	260	33	3.0	0.0
11/10/2023 09:10	2.0	258	20	3.2	0.0
11/10/2023 09:20	1.7	257	49	2.8	0.0
11/10/2023 09:30	1.4	159	37	2.6	0.0
11/10/2023 09:40	1.5	112	25	2.5	0.0
11/10/2023 09:50	1.1	142	52	2.1	0.0
11/10/2023 10:00	0.9	109	48	2.1	0.0
11/10/2023 10:10	1.1	87	48	1.9	0.0
11/10/2023 10:20	1.4	126	34	2.2	0.0
11/10/2023 10:30	1.5	107	37	2.9	0.0
11/10/2023 10:40	1.8	126	32	3.2	0.0
11/10/2023 10:50	1.9	67	26	2.9	0.0
11/10/2023 11:00	1.9	51	27	3.0	0.0
11/10/2023 11:10	1.9	60	26	3.2	0.0
11/10/2023 11:20	2.2	76	26	3.2	0.0
11/10/2023 11:30	2.2	71	27	3.8	0.0
11/10/2023 11:40	1.9	87	30	2.8	0.0
11/10/2023 11:50	1.5	180	51	2.8	0.0
11/10/2023 12:00	1.7	303	47	2.8	0.0
11/10/2023 12:10	1.3	223	57	2.5	0.0
11/10/2023 12:20	1.9	128	40	3.5	0.0
11/10/2023 12:30	1.4	169	71	2.4	0.0
11/10/2023 12:40	2.2	333	34	3.7	0.0
11/10/2023 12:50	2.4	328	32	4.1	0.0
11/10/2023 13:00	2.3	331	31	3.6	0.0
11/10/2023 13:10	2.3	323	29	3.3	0.0
11/10/2023 13:20	2.1	331	37	3.4	0.0
11/10/2023 13:30	2.1	338	28	3.3	0.0
11/10/2023 13:40	2.9	332	24	4.6	0.0
11/10/2023 13:50	2.8	318	24	4.0	0.0
11/10/2023 14:00	2.6	335	27	4.0	0.0
11/10/2023 14:10	2.3	323	31	3.6	0.0
11/10/2023 14:20	2.4	320	28	3.4	0.0
11/10/2023 14:30	2.6	325	25	4.1	0.0
11/10/2023 14:40	2.6	319	29	3.7	0.0
11/10/2023 14:50	2.2	325	36	3.5	0.0
11/10/2023 15:00	2.7	341	30	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 15:10	3.1	328	26	4.8	0.0
11/10/2023 15:20	3.0	332	29	4.8	0.0
11/10/2023 15:30	2.8	338	28	4.7	0.0
11/10/2023 15:40	3.1	336	21	4.8	0.0
11/10/2023 15:50	2.2	348	40	3.3	0.0
11/10/2023 16:00	2.8	341	22	4.2	0.0
11/10/2023 16:10	2.6	347	27	4.4	0.0
11/10/2023 16:20	2.7	348	27	4.0	0.0
11/10/2023 16:30	2.5	337	25	3.9	0.0
11/10/2023 16:40	2.5	351	28	4.1	0.0
11/10/2023 16:50	2.7	334	24	4.0	0.0
11/10/2023 17:00	2.7	336	23	4.3	0.0
11/10/2023 17:10	2.4	357	26	4.7	0.0
11/10/2023 17:20	2.2	349	25	3.6	0.0
11/10/2023 17:30	2.5	344	24	4.2	0.0
11/10/2023 17:40	2.3	177	28	4.1	0.0
11/10/2023 17:50	2.0	340	26	3.7	0.0
11/10/2023 18:00	2.4	321	27	3.7	0.0
11/10/2023 18:10	2.6	322	25	4.0	0.0
11/10/2023 18:20	1.9	342	36	3.9	0.0
11/10/2023 18:30	2.6	322	22	4.3	0.0
11/10/2023 18:40	2.2	322	21	3.7	0.0
11/10/2023 18:50	2.6	323	26	3.8	0.0
11/10/2023 19:00	2.1	322	26	3.3	0.0
11/10/2023 19:10	1.8	314	31	3.0	0.0
11/10/2023 19:20	1.4	296	44	3.1	0.0
11/10/2023 19:30	1.7	254	23	2.9	0.0
11/10/2023 19:40	1.6	281	26	2.7	0.0
11/10/2023 19:50	1.6	273	27	2.8	0.0
11/10/2023 20:00	1.2	284	38	2.0	0.0
11/10/2023 20:10	1.7	294	22	2.7	0.0
11/10/2023 20:20	1.4	305	31	2.4	0.0
11/10/2023 20:30	0.8	300	45	1.6	0.0
11/10/2023 20:40	1.4	257	19	2.1	0.0
11/10/2023 20:50	1.7	269	20	2.4	0.0
11/10/2023 21:00	1.8	267	16	2.7	0.0
11/10/2023 21:10	1.3	285	23	2.0	0.0
11/10/2023 21:20	1.7	326	16	2.6	0.0
11/10/2023 21:30	1.4	276	25	2.3	0.0
11/10/2023 21:40	1.7	275	16	2.3	0.0
11/10/2023 21:50	1.6	265	17	2.3	0.0
11/10/2023 22:00	2.0	256	14	2.8	0.0
11/10/2023 22:10	2.3	258	14	3.1	0.0
11/10/2023 22:20	2.4	259	17	3.5	0.0
11/10/2023 22:30	2.6	253	14	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 22:40	2.5	258	14	3.4	0.0
11/10/2023 22:50	2.5	253	14	3.7	0.0
11/10/2023 23:00	3.1	250	14	4.3	0.0
11/10/2023 23:10	3.0	253	12	3.9	0.0
11/10/2023 23:20	2.9	260	15	3.8	0.0
11/10/2023 23:30	3.1	254	15	4.3	0.0
11/10/2023 23:40	3.2	251	14	4.4	0.0
11/10/2023 23:50	2.6	255	14	3.7	0.0
12/10/2023 00:00	2.4	255	16	3.5	0.0
12/10/2023 00:10	2.6	251	15	3.6	0.0
12/10/2023 00:20	2.2	247	15	3.2	0.0
12/10/2023 00:30	2.4	246	15	3.7	0.0
12/10/2023 00:40	2.6	245	16	4.2	0.0
12/10/2023 00:50	3.1	252	18	4.4	0.0
12/10/2023 01:00	2.0	257	20	3.5	0.0
12/10/2023 01:10	2.0	247	16	3.4	0.0
12/10/2023 01:20	3.0	255	13	4.0	0.0
12/10/2023 01:30	2.2	262	14	3.4	0.0
12/10/2023 01:40	1.9	264	17	2.5	0.0
12/10/2023 01:50	2.0	258	12	2.9	0.0
12/10/2023 02:00	1.8	254	17	2.6	0.0
12/10/2023 02:10	2.0	254	16	3.2	0.0
12/10/2023 02:20	1.8	254	14	2.6	0.0
12/10/2023 02:30	1.9	260	16	2.8	0.0
12/10/2023 02:40	2.2	263	14	2.8	0.0
12/10/2023 02:50	1.9	263	16	2.7	0.0
12/10/2023 03:00	1.4	257	17	2.0	0.0
12/10/2023 03:10	1.6	270	15	2.0	0.0
12/10/2023 03:20	1.5	279	16	2.0	0.0
12/10/2023 03:30	1.7	269	14	2.3	0.0
12/10/2023 03:40	1.0	273	19	1.8	0.0
12/10/2023 03:50	0.3	139	38	0.9	0.0
12/10/2023 04:00	0.1	10	2	0.6	0.0
12/10/2023 04:10	0.2	232	4	1.1	0.0
12/10/2023 04:20	1.1	245	8	1.4	0.0
12/10/2023 04:30	1.7	268	19	2.8	0.0
12/10/2023 04:40	2.5	268	14	3.4	0.0
12/10/2023 04:50	2.2	262	16	2.9	0.0
12/10/2023 05:00	2.0	254	15	2.7	0.0
12/10/2023 05:10	1.5	255	18	2.5	0.0
12/10/2023 05:20	0.8	239	22	1.4	0.0
12/10/2023 05:30	0.9	246	17	1.4	0.0
12/10/2023 05:40	1.3	260	11	1.7	0.0
12/10/2023 05:50	0.6	185	13	1.2	0.0
12/10/2023 06:00	0.0	192	0	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 06:10	0.2	344	13	0.8	0.0
12/10/2023 06:20	0.8	326	12	1.1	0.0
12/10/2023 06:30	0.5	340	13	1.4	0.0
12/10/2023 06:40	0.7	332	15	1.4	0.0
12/10/2023 06:50	0.5	182	24	1.1	0.0
12/10/2023 07:00	0.7	52	42	1.4	0.0
12/10/2023 07:10	0.5	88	36	1.0	0.0
12/10/2023 07:20	0.6	122	22	1.2	0.0
12/10/2023 07:30	0.6	115	25	1.2	0.0
12/10/2023 07:40	0.6	99	19	1.4	0.0
12/10/2023 07:50	1.0	88	34	1.6	0.0
12/10/2023 08:00	1.0	97	37	1.6	0.0
12/10/2023 08:10	1.0	110	39	1.6	0.0
12/10/2023 08:20	1.0	95	34	1.8	0.0
12/10/2023 08:30	0.9	63	41	2.0	0.0
12/10/2023 08:40	1.2	77	38	2.1	0.0
12/10/2023 08:50	1.5	95	29	2.8	0.0
12/10/2023 09:00	1.5	95	26	2.2	0.0
12/10/2023 09:10	1.8	96	29	2.8	0.0
12/10/2023 09:20	1.9	79	22	2.8	0.0
12/10/2023 09:30	1.7	84	28	2.7	0.0
12/10/2023 09:40	1.8	92	33	3.1	0.0
12/10/2023 09:50	2.1	92	26	3.4	0.0
12/10/2023 10:00	2.2	78	29	3.6	0.0
12/10/2023 10:10	2.4	91	24	3.6	0.0
12/10/2023 10:20	2.5	57	23	4.3	0.0
12/10/2023 10:30	2.3	59	25	3.7	0.0
12/10/2023 10:40	2.4	55	22	4.3	0.0
12/10/2023 10:50	2.7	63	24	4.6	0.0
12/10/2023 11:00	2.9	62	24	4.8	0.0
12/10/2023 11:10	3.3	53	21	4.9	0.0
12/10/2023 11:20	3.0	53	23	4.8	0.0
12/10/2023 11:30	2.9	53	25	4.5	0.0
12/10/2023 11:40	3.1	59	19	4.7	0.0
12/10/2023 11:50	2.8	56	22	4.5	0.0
12/10/2023 12:00	2.9	57	27	4.7	0.0
12/10/2023 12:10	2.8	60	18	4.4	0.0
12/10/2023 12:20	2.6	55	23	4.0	0.0
12/10/2023 12:30	2.5	63	24	3.7	0.0
12/10/2023 12:40	2.4	63	22	3.3	0.0
12/10/2023 12:50	2.6	78	19	3.9	0.0
12/10/2023 13:00	2.8	72	24	4.7	0.0
12/10/2023 13:10	2.9	65	21	4.5	0.0
12/10/2023 13:20	2.7	65	21	4.1	0.0
12/10/2023 13:30	2.5	74	22	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 13:40	2.3	64	28	3.6	0.0
12/10/2023 13:50	2.2	44	32	3.9	0.0
12/10/2023 14:00	2.0	20	33	3.4	0.0
12/10/2023 14:10	2.2	193	43	4.0	0.0
12/10/2023 14:20	2.0	185	36	3.5	0.0
12/10/2023 14:30	1.8	190	31	3.1	0.0
12/10/2023 14:40	2.1	174	27	3.4	0.0
12/10/2023 14:50	2.1	179	36	3.4	0.0
12/10/2023 15:00	2.4	328	29	3.7	0.0
12/10/2023 15:10	2.3	320	33	4.1	0.0
12/10/2023 15:20	2.3	341	28	3.7	0.0
12/10/2023 15:30	2.3	339	31	3.7	0.0
12/10/2023 15:40	2.4	322	26	3.7	0.0
12/10/2023 15:50	2.6	324	26	4.3	0.0
12/10/2023 16:00	2.5	353	28	3.6	0.0
12/10/2023 16:10	2.2	335	29	3.5	0.0
12/10/2023 16:20	2.5	346	27	3.7	0.0
12/10/2023 16:30	2.1	324	25	3.6	0.0
12/10/2023 16:40	2.0	347	35	3.4	0.0
12/10/2023 16:50	1.9	341	25	3.2	0.0
12/10/2023 17:00	2.3	339	24	3.7	0.0
12/10/2023 17:10	2.3	325	24	3.6	0.0
12/10/2023 17:20	2.1	308	29	3.8	0.0
12/10/2023 17:30	2.2	327	31	3.7	0.0
12/10/2023 17:40	2.1	311	30	3.3	0.0
12/10/2023 17:50	2.4	327	23	3.8	0.0
12/10/2023 18:00	2.3	320	19	3.2	0.0
12/10/2023 18:10	2.1	316	30	3.4	0.0
12/10/2023 18:20	2.5	322	22	3.6	0.0
12/10/2023 18:30	2.5	318	19	3.6	0.0
12/10/2023 18:40	1.8	284	35	3.2	0.0
12/10/2023 18:50	1.8	266	35	2.8	0.0
12/10/2023 19:00	1.8	310	34	2.7	0.0
12/10/2023 19:10	1.9	298	32	3.6	0.0
12/10/2023 19:20	2.4	253	22	3.3	0.0
12/10/2023 19:30	2.1	264	24	3.2	0.0
12/10/2023 19:40	2.2	282	29	3.4	0.0
12/10/2023 19:50	2.5	255	16	3.6	0.0
12/10/2023 20:00	2.9	277	18	4.0	0.0
12/10/2023 20:10	3.1	323	18	4.2	0.0
12/10/2023 20:20	2.4	308	32	4.4	0.0
12/10/2023 20:30	2.3	299	23	3.6	0.0
12/10/2023 20:40	1.8	274	40	2.8	0.0
12/10/2023 20:50	2.2	278	26	4.0	0.0
12/10/2023 21:00	2.3	297	48	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 21:10	2.0	289	43	3.6	0.0
12/10/2023 21:20	1.9	258	26	3.2	0.0
12/10/2023 21:30	2.6	250	16	3.5	0.0
12/10/2023 21:40	2.8	255	17	4.0	0.0
12/10/2023 21:50	2.3	257	17	3.5	0.0
12/10/2023 22:00	3.3	250	14	4.7	0.0
12/10/2023 22:10	3.1	254	14	4.8	0.0
12/10/2023 22:20	3.6	250	13	4.8	0.0
12/10/2023 22:30	3.2	249	15	4.8	0.0
12/10/2023 22:40	3.3	253	15	4.9	0.0
12/10/2023 22:50	3.0	253	15	4.9	0.0
12/10/2023 23:00	3.2	252	14	4.6	0.0
12/10/2023 23:10	3.4	250	15	4.6	0.0
12/10/2023 23:20	3.2	254	16	4.8	0.0
12/10/2023 23:30	3.2	261	14	4.8	0.0
12/10/2023 23:40	3.1	256	16	4.9	0.0
12/10/2023 23:50	3.5	255	14	5.1	0.0
13/10/2023 00:00	3.8	256	14	5.4	0.0
13/10/2023 00:10	3.6	255	13	4.8	0.0
13/10/2023 00:20	3.1	256	14	4.5	0.0
13/10/2023 00:30	2.8	257	12	4.0	0.0
13/10/2023 00:40	2.9	261	12	4.0	0.0
13/10/2023 00:50	3.3	260	13	4.4	0.0
13/10/2023 01:00	3.1	251	14	4.4	0.0
13/10/2023 01:10	2.8	254	15	4.0	0.0
13/10/2023 01:20	2.6	257	15	3.7	0.0
13/10/2023 01:30	2.6	249	14	3.7	0.0
13/10/2023 01:40	2.3	255	13	3.3	0.0
13/10/2023 01:50	2.3	254	17	3.4	0.0
13/10/2023 02:00	2.3	254	14	3.2	0.0
13/10/2023 02:10	2.2	249	17	3.4	0.0
13/10/2023 02:20	2.0	255	15	2.9	0.0
13/10/2023 02:30	1.8	257	15	2.4	0.0
13/10/2023 02:40	1.6	248	16	2.5	0.0
13/10/2023 02:50	0.5	220	23	1.1	0.0
13/10/2023 03:00	0.0	282	0	0.4	0.0
13/10/2023 03:10	1.0	259	14	1.5	0.0
13/10/2023 03:20	0.9	242	15	1.3	0.0
13/10/2023 03:30	1.0	255	30	1.4	0.0
13/10/2023 03:40	0.9	231	18	1.3	0.0
13/10/2023 03:50	0.5	218	14	0.9	0.0
13/10/2023 04:00	0.4	255	31	0.8	0.0
13/10/2023 04:10	0.7	247	22	2.0	0.0
13/10/2023 04:20	1.6	233	30	2.8	0.0
13/10/2023 04:30	1.6	244	20	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 04:40	1.2	236	15	2.0	0.0
13/10/2023 04:50	0.9	241	27	1.9	0.0
13/10/2023 05:00	1.1	209	38	2.0	0.0
13/10/2023 05:10	0.3	181	15	1.0	0.0
13/10/2023 05:20	0.2	213	16	1.1	0.0
13/10/2023 05:30	0.6	226	22	1.2	0.0
13/10/2023 05:40	1.2	239	29	2.3	0.0
13/10/2023 05:50	1.1	189	26	1.6	0.0
13/10/2023 06:00	0.4	65	21	1.2	0.0
13/10/2023 06:10	0.3	63	20	1.8	0.0
13/10/2023 06:20	0.3	55	17	1.2	0.0
13/10/2023 06:30	0.4	72	9	0.9	0.0
13/10/2023 06:40	0.8	88	24	1.4	0.0
13/10/2023 06:50	0.8	82	21	1.5	0.0
13/10/2023 07:00	1.0	98	25	1.6	0.0
13/10/2023 07:10	1.3	99	25	2.4	0.0
13/10/2023 07:20	1.6	98	28	2.7	0.0
13/10/2023 07:30	1.8	103	26	2.9	0.0
13/10/2023 07:40	1.9	109	32	3.0	0.0
13/10/2023 07:50	2.2	107	27	3.6	0.0
13/10/2023 08:00	2.2	114	31	3.6	0.0
13/10/2023 08:10	2.0	109	29	3.4	0.0
13/10/2023 08:20	2.5	93	25	4.3	0.0
13/10/2023 08:30	2.8	97	29	4.4	0.0
13/10/2023 08:40	3.0	99	29	5.0	0.0
13/10/2023 08:50	2.8	100	25	4.5	0.0
13/10/2023 09:00	2.9	92	28	4.9	0.0
13/10/2023 09:10	3.6	87	23	6.0	0.0
13/10/2023 09:20	3.7	92	24	5.9	0.0
13/10/2023 09:30	3.0	86	23	4.6	0.0
13/10/2023 09:40	3.1	76	22	5.0	0.0
13/10/2023 09:50	3.2	84	26	5.2	0.0
13/10/2023 10:00	3.1	88	24	5.0	0.0
13/10/2023 10:10	3.3	88	27	4.9	0.0
13/10/2023 10:20	3.2	90	25	5.2	0.0
13/10/2023 10:30	3.1	85	25	4.9	0.0
13/10/2023 10:40	3.3	87	26	5.2	0.0
13/10/2023 10:50	2.8	71	24	5.0	0.0
13/10/2023 11:00	3.2	69	24	5.9	0.0
13/10/2023 11:10	3.3	63	22	5.2	0.0
13/10/2023 11:20	3.3	65	23	5.1	0.0
13/10/2023 11:30	3.1	64	23	5.0	0.0
13/10/2023 11:40	3.2	64	24	5.2	0.0
13/10/2023 11:50	3.1	65	22	5.0	0.0
13/10/2023 12:00	3.1	69	22	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 12:10	3.2	61	24	5.6	0.0
13/10/2023 12:20	3.2	64	24	5.1	0.0
13/10/2023 12:30	3.1	67	24	4.7	0.0
13/10/2023 12:40	3.2	67	25	5.3	0.0
13/10/2023 12:50	3.4	60	22	5.5	0.0
13/10/2023 13:00	3.5	61	21	5.3	0.0
13/10/2023 13:10	3.3	61	21	5.0	0.0
13/10/2023 13:20	3.5	59	23	5.2	0.0
13/10/2023 13:30	3.1	65	21	4.8	0.0
13/10/2023 13:40	3.6	58	21	5.4	0.0
13/10/2023 13:50	3.8	49	18	6.3	0.0
13/10/2023 14:00	3.8	50	21	6.0	0.0
13/10/2023 14:10	3.6	50	19	5.9	0.0
13/10/2023 14:20	4.2	53	17	6.0	0.0
13/10/2023 14:30	3.5	55	24	6.0	0.0
13/10/2023 14:40	3.6	53	17	5.9	0.0
13/10/2023 14:50	3.4	49	21	5.6	0.0
13/10/2023 15:00	3.5	54	17	5.6	0.0
13/10/2023 15:10	3.1	57	21	4.6	0.0
13/10/2023 15:20	2.9	62	20	4.6	0.0
13/10/2023 15:30	2.8	31	24	4.7	0.0
13/10/2023 15:40	2.7	9	28	4.0	0.0
13/10/2023 15:50	2.7	4	27	4.2	0.0
13/10/2023 16:00	2.4	16	31	4.4	0.0
13/10/2023 16:10	2.6	8	29	3.9	0.0
13/10/2023 16:20	2.5	15	26	4.0	0.0
13/10/2023 16:30	2.2	14	30	3.6	0.0
13/10/2023 16:40	2.5	12	26	4.0	0.0
13/10/2023 16:50	2.6	13	25	4.4	0.0
13/10/2023 17:00	2.6	9	30	4.1	0.0
13/10/2023 17:10	2.3	17	28	4.0	0.0
13/10/2023 17:20	2.3	14	27	3.6	0.0
13/10/2023 17:30	2.0	12	28	3.4	0.0
13/10/2023 17:40	2.1	334	26	3.8	0.0
13/10/2023 17:50	1.8	322	27	3.2	0.0
13/10/2023 18:00	1.8	326	28	3.5	0.0
13/10/2023 18:10	1.8	333	25	3.1	0.0
13/10/2023 18:20	1.9	322	28	2.7	0.0
13/10/2023 18:30	1.1	325	55	2.2	0.0
13/10/2023 18:40	0.5	120	27	1.0	0.0
13/10/2023 18:50	0.3	155	21	1.1	0.0
13/10/2023 19:00	0.1	204	15	0.8	0.0
13/10/2023 19:10	0.8	248	50	1.6	0.0
13/10/2023 19:20	0.3	65	19	1.1	0.0
13/10/2023 19:30	0.9	34	33	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 19:40	1.1	335	47	2.3	0.0
13/10/2023 19:50	2.0	332	30	3.5	0.0
13/10/2023 20:00	2.2	329	26	3.9	0.0
13/10/2023 20:10	3.0	320	18	4.7	0.0
13/10/2023 20:20	2.2	331	30	3.7	0.0
13/10/2023 20:30	2.7	341	25	4.1	0.0
13/10/2023 20:40	2.5	328	25	3.7	0.0
13/10/2023 20:50	2.9	342	19	4.0	0.0
13/10/2023 21:00	1.8	321	53	2.8	0.0
13/10/2023 21:10	1.7	318	41	3.6	0.0
13/10/2023 21:20	1.8	344	40	3.0	0.0
13/10/2023 21:30	1.5	309	40	2.7	0.0
13/10/2023 21:40	0.9	154	60	2.0	0.0
13/10/2023 21:50	1.5	238	13	2.0	0.0
13/10/2023 22:00	1.4	237	19	2.0	0.0
13/10/2023 22:10	1.2	295	18	1.7	0.0
13/10/2023 22:20	1.0	232	35	1.6	0.0
13/10/2023 22:30	0.5	310	31	1.4	0.0
13/10/2023 22:40	1.4	250	28	2.0	0.0
13/10/2023 22:50	0.9	235	53	1.5	0.0
13/10/2023 23:00	2.1	257	10	2.7	0.0
13/10/2023 23:10	1.7	254	14	2.3	0.0
13/10/2023 23:20	1.5	257	30	2.4	0.0
13/10/2023 23:30	1.1	230	18	1.6	0.0
13/10/2023 23:40	1.5	250	18	2.3	0.0
13/10/2023 23:50	2.2	249	15	3.0	0.0
14/10/2023 00:00	3.0	245	18	4.8	0.0
14/10/2023 00:10	2.7	254	14	3.8	0.0
14/10/2023 00:20	2.8	234	17	4.1	0.0
14/10/2023 00:30	2.5	252	16	3.8	0.0
14/10/2023 00:40	2.7	244	18	3.7	0.0
14/10/2023 00:50	2.4	253	16	3.6	0.0
14/10/2023 01:00	2.8	250	18	4.2	0.0
14/10/2023 01:10	2.7	249	19	4.0	0.0
14/10/2023 01:20	2.3	235	18	3.6	0.0
14/10/2023 01:30	2.6	231	20	3.8	0.0
14/10/2023 01:40	2.8	251	17	4.4	0.0
14/10/2023 01:50	2.1	231	21	3.3	0.0
14/10/2023 02:00	2.0	232	18	3.5	0.0
14/10/2023 02:10	2.0	237	18	3.2	0.0
14/10/2023 02:20	1.4	201	24	2.2	0.0
14/10/2023 02:30	1.8	225	22	2.7	0.0
14/10/2023 02:40	2.2	234	21	3.4	0.0
14/10/2023 02:50	1.7	237	24	3.2	0.0
14/10/2023 03:00	2.2	252	20	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 03:10	1.6	266	45	2.7	0.0
14/10/2023 03:20	1.5	235	38	2.4	0.0
14/10/2023 03:30	0.6	179	47	1.9	0.0
14/10/2023 03:40	1.3	277	30	2.2	0.0
14/10/2023 03:50	1.3	210	37	2.4	0.0
14/10/2023 04:00	0.2	60	20	0.9	0.0
14/10/2023 04:10	0.5	63	30	1.2	0.0
14/10/2023 04:20	0.3	85	30	0.8	0.0
14/10/2023 04:30	0.7	147	46	1.4	0.0
14/10/2023 04:40	0.7	82	77	1.4	0.0
14/10/2023 04:50	0.7	171	57	1.6	0.0
14/10/2023 05:00	0.7	158	31	1.6	0.0
14/10/2023 05:10	1.2	126	45	2.8	0.0
14/10/2023 05:20	1.4	137	35	2.7	0.0
14/10/2023 05:30	1.4	131	35	2.6	0.0
14/10/2023 05:40	1.2	134	37	2.2	0.0
14/10/2023 05:50	1.2	128	33	2.4	0.0
14/10/2023 06:00	1.0	111	37	1.8	0.0
14/10/2023 06:10	1.1	123	39	2.0	0.0
14/10/2023 06:20	1.7	144	29	3.3	0.0
14/10/2023 06:30	1.6	142	31	3.0	0.0
14/10/2023 06:40	1.1	114	34	1.8	0.0
14/10/2023 06:50	1.3	98	28	2.2	0.0
14/10/2023 07:00	1.3	92	23	1.9	0.0
14/10/2023 07:10	1.2	106	31	2.2	0.0
14/10/2023 07:20	1.4	110	27	2.1	0.0
14/10/2023 07:30	1.8	113	29	3.4	0.0
14/10/2023 07:40	1.8	111	29	3.1	0.0
14/10/2023 07:50	1.8	118	27	2.6	0.0
14/10/2023 08:00	2.0	116	29	3.3	0.0
14/10/2023 08:10	2.1	111	31	3.6	0.0
14/10/2023 08:20	1.8	100	29	3.1	0.0
14/10/2023 08:30	2.3	102	24	3.9	0.0
14/10/2023 08:40	2.2	105	29	3.4	0.0
14/10/2023 08:50	2.1	102	34	3.5	0.0
14/10/2023 09:00	2.2	106	31	3.4	0.0
14/10/2023 09:10	2.6	94	27	4.2	0.0
14/10/2023 09:20	2.9	96	24	5.0	0.0
14/10/2023 09:30	3.0	93	30	5.2	0.0
14/10/2023 09:40	3.1	85	23	5.2	0.0
14/10/2023 09:50	3.0	81	26	4.8	0.0
14/10/2023 10:00	3.2	79	28	5.4	0.0
14/10/2023 10:10	2.9	78	30	4.8	0.0
14/10/2023 10:20	2.6	87	29	4.2	0.0
14/10/2023 10:30	2.8	79	22	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 10:40	2.6	72	22	4.0	0.0
14/10/2023 10:50	2.8	66	25	4.4	0.0
14/10/2023 11:00	2.6	67	21	4.1	0.0
14/10/2023 11:10	3.0	58	20	4.7	0.0
14/10/2023 11:20	3.3	55	24	5.4	0.0
14/10/2023 11:30	3.3	55	22	5.6	0.0
14/10/2023 11:40	3.5	52	17	5.3	0.0
14/10/2023 11:50	3.3	54	23	5.4	0.0
14/10/2023 12:00	3.8	52	18	6.0	0.0
14/10/2023 12:10	3.3	60	24	5.8	0.0
14/10/2023 12:20	3.2	62	22	4.9	0.0
14/10/2023 12:30	3.5	61	20	5.2	0.0
14/10/2023 12:40	3.0	60	22	5.0	0.0
14/10/2023 12:50	3.1	64	23	4.8	0.0
14/10/2023 13:00	3.0	71	21	4.4	0.0
14/10/2023 13:10	3.1	67	21	4.8	0.0
14/10/2023 13:20	3.5	70	22	5.7	0.0
14/10/2023 13:30	3.3	70	22	5.4	0.0
14/10/2023 13:40	3.5	62	21	5.6	0.0
14/10/2023 13:50	3.8	54	21	6.8	0.0
14/10/2023 14:00	3.7	54	22	6.0	0.0
14/10/2023 14:10	3.8	55	19	6.2	0.0
14/10/2023 14:20	3.5	53	23	5.6	0.0
14/10/2023 14:30	4.0	55	20	6.1	0.0
14/10/2023 14:40	3.4	52	21	5.6	0.0
14/10/2023 14:50	3.8	55	21	6.0	0.0
14/10/2023 15:00	3.5	51	21	5.6	0.0
14/10/2023 15:10	3.5	57	20	5.7	0.0
14/10/2023 15:20	3.4	53	23	5.6	0.0
14/10/2023 15:30	3.2	57	18	5.2	0.0
14/10/2023 15:40	4.0	47	18	6.8	0.0
14/10/2023 15:50	4.1	53	18	7.1	0.0
14/10/2023 16:00	4.1	54	19	6.6	0.0
14/10/2023 16:10	3.6	52	21	6.0	0.0
14/10/2023 16:20	3.7	47	19	6.4	0.0
14/10/2023 16:30	3.5	49	20	6.1	0.0
14/10/2023 16:40	3.8	51	17	7.2	0.0
14/10/2023 16:50	3.0	45	22	5.2	0.0
14/10/2023 17:00	3.3	43	20	5.0	0.0
14/10/2023 17:10	3.0	45	21	4.7	0.0
14/10/2023 17:20	2.9	39	22	4.6	0.0
14/10/2023 17:30	2.9	39	22	4.6	0.0
14/10/2023 17:40	2.7	34	24	4.5	0.0
14/10/2023 17:50	2.5	33	23	5.1	0.0
14/10/2023 18:00	2.8	38	22	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 18:10	2.8	42	20	4.2	0.0
14/10/2023 18:20	2.8	42	21	4.8	0.0
14/10/2023 18:30	2.7	43	22	4.3	0.0
14/10/2023 18:40	2.1	38	20	3.2	0.0
14/10/2023 18:50	2.1	42	20	3.6	0.0
14/10/2023 19:00	2.3	40	20	3.7	0.0
14/10/2023 19:10	2.4	37	22	4.1	0.0
14/10/2023 19:20	2.4	42	18	3.7	0.0
14/10/2023 19:30	2.5	41	21	3.9	0.0
14/10/2023 19:40	2.2	45	18	3.4	0.0
14/10/2023 19:50	1.8	41	21	3.1	0.0
14/10/2023 20:00	1.4	38	23	2.2	0.0
14/10/2023 20:10	1.5	33	25	2.4	0.0
14/10/2023 20:20	1.1	30	25	2.0	0.0
14/10/2023 20:30	1.1	29	27	1.9	0.0
14/10/2023 20:40	1.1	62	22	2.0	0.0
14/10/2023 20:50	1.1	68	20	2.0	0.0
14/10/2023 21:00	1.2	67	27	2.3	0.0
14/10/2023 21:10	1.5	53	26	2.4	0.0
14/10/2023 21:20	1.5	40	36	2.8	0.0
14/10/2023 21:30	1.5	59	28	2.6	0.0
14/10/2023 21:40	1.3	51	33	2.3	0.0
14/10/2023 21:50	0.5	110	42	1.2	0.0
14/10/2023 22:00	0.5	202	15	1.0	0.0
14/10/2023 22:10	0.6	225	14	1.1	0.0
14/10/2023 22:20	0.0	216	6	0.8	0.0
14/10/2023 22:30	0.4	59	15	1.1	0.0
14/10/2023 22:40	0.7	54	12	1.2	0.0
14/10/2023 22:50	0.2	234	4	0.8	0.0
14/10/2023 23:00					0.0
14/10/2023 23:10	0.0	50	0	0.4	0.0
14/10/2023 23:20	0.1	66	8	0.6	0.0
14/10/2023 23:30	0.1	51	5	0.5	0.0
14/10/2023 23:40	0.2	51	6	0.9	0.0
14/10/2023 23:50	0.1	33	8	0.7	0.0
15/10/2023 00:00	0.4	50	9	0.9	0.0
15/10/2023 00:10	0.5	36	10	1.2	0.0
15/10/2023 00:20	0.5	36	14	1.3	0.0
15/10/2023 00:30	0.3	38	9	1.0	0.0
15/10/2023 00:40	0.2	38	9	0.8	0.0
15/10/2023 00:50	0.2	32	6	0.6	0.0
15/10/2023 01:00	0.1	20	4	0.8	0.0
15/10/2023 01:10					0.0
15/10/2023 01:20					0.0
15/10/2023 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 01:40	0.4	242	4	1.1	0.0
15/10/2023 01:50	0.7	247	9	1.2	0.0
15/10/2023 02:00	0.5	264	16	1.1	0.0
15/10/2023 02:10	0.3	347	10	0.8	0.0
15/10/2023 02:20	0.0	77	3	0.6	0.0
15/10/2023 02:30	0.7	344	7	1.4	0.0
15/10/2023 02:40	0.7	18	18	1.1	0.0
15/10/2023 02:50	0.5	38	14	1.1	0.0
15/10/2023 03:00	0.8	12	16	1.2	0.0
15/10/2023 03:10	0.8	22	14	1.0	0.0
15/10/2023 03:20	0.7	15	18	1.0	0.0
15/10/2023 03:30	0.9	15	16	1.2	0.0
15/10/2023 03:40	0.8	18	17	1.2	0.0
15/10/2023 03:50	0.5	26	18	0.9	0.0
15/10/2023 04:00	0.6	48	15	1.2	0.0
15/10/2023 04:10	0.6	189	21	0.9	0.0
15/10/2023 04:20	0.4	173	10	1.0	0.0
15/10/2023 04:30	0.7	13	15	1.2	0.0
15/10/2023 04:40	0.9	34	20	1.2	0.0
15/10/2023 04:50	0.7	25	14	1.3	0.0
15/10/2023 05:00	0.6	19	19	1.1	0.0
15/10/2023 05:10	0.3	27	15	0.8	0.0
15/10/2023 05:20	0.1	189	11	0.6	0.0
15/10/2023 05:30	0.2	35	12	0.7	0.0
15/10/2023 05:40	0.7	81	31	1.5	0.0
15/10/2023 05:50	0.8	69	31	1.5	0.0
15/10/2023 06:00	0.4	43	35	1.0	0.0
15/10/2023 06:10	0.6	74	22	1.5	0.0
15/10/2023 06:20	0.6	79	19	1.1	0.0
15/10/2023 06:30	0.9	79	22	1.4	0.0
15/10/2023 06:40	0.7	100	25	1.2	0.0
15/10/2023 06:50	1.0	89	25	1.6	0.0
15/10/2023 07:00	1.0	102	26	1.6	0.0
15/10/2023 07:10	0.9	99	32	1.5	0.0
15/10/2023 07:20	1.4	110	26	2.4	0.0
15/10/2023 07:30	1.7	106	27	2.6	0.0
15/10/2023 07:40	1.4	106	32	2.4	0.0
15/10/2023 07:50	1.7	109	26	2.7	0.0
15/10/2023 08:00	1.7	124	24	2.8	0.0
15/10/2023 08:10	1.6	115	31	2.5	0.0
15/10/2023 08:20	1.7	112	24	2.9	0.0
15/10/2023 08:30	1.9	116	28	3.0	0.0
15/10/2023 08:40	1.8	109	32	3.2	0.0
15/10/2023 08:50	2.0	109	31	3.2	0.0
15/10/2023 09:00	2.3	91	26	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 09:10	2.4	99	29	3.6	0.0
15/10/2023 09:20	2.5	84	26	3.8	0.0
15/10/2023 09:30	2.7	87	24	4.0	0.0
15/10/2023 09:40	2.5	69	27	3.9	0.0
15/10/2023 09:50	2.5	83	26	4.0	0.0
15/10/2023 10:00	2.8	79	26	5.3	0.0
15/10/2023 10:10	3.2	78	27	5.2	0.0
15/10/2023 10:20	3.2	75	23	5.6	0.0
15/10/2023 10:30	3.0	77	25	5.5	0.0
15/10/2023 10:40	2.9	72	20	4.9	0.0
15/10/2023 10:50	3.2	68	20	5.4	0.0
15/10/2023 11:00	2.9	64	25	5.2	0.0
15/10/2023 11:10	3.1	69	22	4.7	0.0
15/10/2023 11:20	3.1	66	26	5.2	0.0
15/10/2023 11:30	2.9	66	23	4.2	0.0
15/10/2023 11:40	3.2	62	21	5.4	0.0
15/10/2023 11:50	3.2	59	22	5.2	0.0
15/10/2023 12:00	3.2	50	23	5.5	0.0
15/10/2023 12:10	3.3	55	24	5.0	0.0
15/10/2023 12:20	3.3	52	20	5.2	0.0
15/10/2023 12:30	3.1	55	23	5.2	0.0
15/10/2023 12:40	3.3	49	20	4.9	0.0
15/10/2023 12:50	3.2	46	23	4.8	0.0
15/10/2023 13:00	2.9	48	26	5.0	0.0
15/10/2023 13:10	3.0	54	23	4.7	0.0
15/10/2023 13:20	2.9	46	25	5.3	0.0
15/10/2023 13:30	3.1	44	27	6.2	0.0
15/10/2023 13:40	2.9	52	23	5.1	0.0
15/10/2023 13:50	2.7	37	33	4.4	0.0
15/10/2023 14:00	2.3	40	35	3.8	0.0
15/10/2023 14:10	2.4	189	33	3.7	0.0
15/10/2023 14:20	2.1	179	29	3.3	0.0
15/10/2023 14:30	2.2	13	36	4.0	0.0
15/10/2023 14:40	2.5	183	32	4.7	0.0
15/10/2023 14:50	2.4	2	31	3.6	0.0
15/10/2023 15:00	2.7	183	26	4.4	0.0
15/10/2023 15:10	2.4	22	33	4.3	0.0
15/10/2023 15:20	2.4	10	31	4.4	0.0
15/10/2023 15:30	3.0	6	24	5.2	0.0
15/10/2023 15:40	3.3	9	24	4.9	0.0
15/10/2023 15:50	3.4	13	25	4.8	0.0
15/10/2023 16:00	3.4	10	21	5.0	0.0
15/10/2023 16:10	3.2	14	28	5.0	0.0
15/10/2023 16:20	3.1	10	30	5.3	0.0
15/10/2023 16:30	2.8	4	29	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 16:40	2.9	348	27	4.5	0.0
15/10/2023 16:50	2.8	356	33	4.6	0.0
15/10/2023 17:00	3.4	7	29	5.1	0.0
15/10/2023 17:10	3.4	175	30	5.5	0.0
15/10/2023 17:20	3.5	2	37	6.1	0.0
15/10/2023 17:30	3.3	351	28	5.8	0.0
15/10/2023 17:40	3.2	181	32	5.1	0.0
15/10/2023 17:50	3.0	174	34	5.0	0.0
15/10/2023 18:00	3.5	329	25	6.2	0.0
15/10/2023 18:10	3.3	330	28	5.6	0.0
15/10/2023 18:20	3.5	337	28	5.4	0.0
15/10/2023 18:30	3.6	343	24	5.6	0.0
15/10/2023 18:40	3.1	345	24	4.6	0.0
15/10/2023 18:50	2.7	350	30	4.7	0.0
15/10/2023 19:00	2.3	343	39	4.3	0.0
15/10/2023 19:10	2.1	317	39	3.6	0.0
15/10/2023 19:20	2.0	318	42	3.3	0.0
15/10/2023 19:30	2.1	311	40	4.4	0.0
15/10/2023 19:40	1.9	266	43	3.6	0.0
15/10/2023 19:50	1.6	239	29	3.0	0.0
15/10/2023 20:00	1.8	255	27	3.0	0.0
15/10/2023 20:10	1.8	247	34	2.9	0.0
15/10/2023 20:20	1.7	245	21	2.9	0.0
15/10/2023 20:30	1.5	256	37	2.4	0.0
15/10/2023 20:40	2.1	254	30	3.4	0.0
15/10/2023 20:50	2.3	237	25	3.3	0.0
15/10/2023 21:00	2.0	236	19	3.0	0.0
15/10/2023 21:10	2.6	243	16	3.7	0.0
15/10/2023 21:20	2.3	242	13	3.1	0.0
15/10/2023 21:30	2.0	240	14	2.8	0.0
15/10/2023 21:40	1.6	230	14	2.3	0.0
15/10/2023 21:50	1.5	239	16	2.2	0.0
15/10/2023 22:00	1.9	244	14	2.6	0.0
15/10/2023 22:10	1.7	240	17	2.3	0.0
15/10/2023 22:20	1.4	234	14	2.2	0.0
15/10/2023 22:30	1.7	249	16	2.4	0.0
15/10/2023 22:40	1.5	254	14	2.0	0.0
15/10/2023 22:50	1.5	251	12	2.1	0.0
15/10/2023 23:00	1.8	242	18	2.7	0.0
15/10/2023 23:10	1.3	246	12	1.9	0.0
15/10/2023 23:20	1.4	249	12	2.0	0.0
15/10/2023 23:30	1.5	254	13	2.1	0.0
15/10/2023 23:40	1.4	264	15	1.9	0.0
15/10/2023 23:50	1.4	251	10	2.0	0.0
16/10/2023 00:00	1.5	262	11	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 00:10	1.5	249	16	2.2	0.0
16/10/2023 00:20	1.5	253	17	2.3	0.0
16/10/2023 00:30	1.6	246	15	2.2	0.0
16/10/2023 00:40	1.9	229	17	2.9	0.0
16/10/2023 00:50	2.5	241	13	3.4	0.0
16/10/2023 01:00	2.1	240	15	3.3	0.0
16/10/2023 01:10	1.9	256	14	2.6	0.0
16/10/2023 01:20	2.0	251	15	3.1	0.0
16/10/2023 01:30	1.9	245	15	2.8	0.0
16/10/2023 01:40	2.2	246	17	3.3	0.0
16/10/2023 01:50	2.1	244	15	3.2	0.0
16/10/2023 02:00	2.2	251	18	3.5	0.0
16/10/2023 02:10	1.5	243	14	2.2	0.0
16/10/2023 02:20	2.0	248	17	2.8	0.0
16/10/2023 02:30	2.4	251	15	3.7	0.0
16/10/2023 02:40	1.6	231	17	2.4	0.0
16/10/2023 02:50	0.9	204	28	1.6	0.0
16/10/2023 03:00	1.0	233	15	1.6	0.0
16/10/2023 03:10	0.2	236	12	0.9	0.0
16/10/2023 03:20	0.5	280	24	1.2	0.0
16/10/2023 03:30	0.4	177	30	1.2	0.0
16/10/2023 03:40	0.5	161	41	1.1	0.0
16/10/2023 03:50	1.0	173	27	2.0	0.0
16/10/2023 04:00	1.1	149	33	2.4	0.0
16/10/2023 04:10	0.4	95	29	1.1	0.0
16/10/2023 04:20	0.8	225	52	1.4	0.0
16/10/2023 04:30	0.3	146	40	1.2	0.0
16/10/2023 04:40	0.4	116	34	1.8	0.0
16/10/2023 04:50	0.4	179	38	1.2	0.0
16/10/2023 05:00	0.4	104	30	0.9	0.0
16/10/2023 05:10	0.4	101	28	1.4	0.0
16/10/2023 05:20	0.7	123	54	1.9	0.0
16/10/2023 05:30	0.6	147	47	1.6	0.0
16/10/2023 05:40	0.8	82	33	1.7	0.0
16/10/2023 05:50	0.5	83	26	1.2	0.0
16/10/2023 06:00	0.9	75	22	1.8	0.0
16/10/2023 06:10	1.2	91	25	2.0	0.0
16/10/2023 06:20	1.3	95	27	2.0	0.0
16/10/2023 06:30	1.1	103	25	2.0	0.0
16/10/2023 06:40	1.7	127	28	3.5	0.0
16/10/2023 06:50	1.6	119	26	3.0	0.0
16/10/2023 07:00	1.6	111	30	2.8	0.0
16/10/2023 07:10	1.8	113	28	3.2	0.0
16/10/2023 07:20	1.8	121	26	3.0	0.0
16/10/2023 07:30	1.8	119	27	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 07:40	2.0	111	29	3.2	0.0
16/10/2023 07:50	2.0	106	28	3.5	0.0
16/10/2023 08:00	2.0	107	27	3.0	0.0
16/10/2023 08:10	2.0	107	30	3.9	0.0
16/10/2023 08:20	2.2	92	28	3.8	0.0
16/10/2023 08:30	2.6	97	24	4.2	0.0
16/10/2023 08:40	2.5	98	33	4.2	0.0
16/10/2023 08:50	2.9	97	25	4.6	0.0
16/10/2023 09:00	3.1	85	24	5.3	0.0
16/10/2023 09:10	3.4	89	25	5.7	0.0
16/10/2023 09:20	3.3	87	25	6.1	0.0
16/10/2023 09:30	3.8	87	28	6.6	0.0
16/10/2023 09:40	3.3	86	27	5.1	0.0
16/10/2023 09:50	3.3	92	27	5.6	0.0
16/10/2023 10:00	3.3	89	22	5.6	0.0
16/10/2023 10:10	3.3	94	26	5.1	0.0
16/10/2023 10:20	3.2	84	29	5.2	0.0
16/10/2023 10:30	3.4	79	26	5.8	0.0
16/10/2023 10:40	3.4	88	26	6.2	0.0
16/10/2023 10:50	3.6	91	23	5.7	0.0
16/10/2023 11:00	3.1	84	27	5.4	0.0
16/10/2023 11:10	3.4	63	22	6.0	0.0
16/10/2023 11:20	3.6	61	21	7.1	0.0
16/10/2023 11:30	3.5	68	27	5.4	0.0
16/10/2023 11:40	3.8	66	22	6.1	0.0
16/10/2023 11:50	3.8	64	21	5.9	0.0
16/10/2023 12:00	3.6	67	20	5.6	0.0
16/10/2023 12:10	3.8	69	21	6.6	0.0
16/10/2023 12:20	3.6	74	24	5.5	0.0
16/10/2023 12:30	3.8	71	23	5.9	0.0
16/10/2023 12:40	3.8	66	25	6.4	0.0
16/10/2023 12:50	3.8	64	23	6.4	0.0
16/10/2023 13:00	3.9	58	23	6.7	0.0
16/10/2023 13:10	4.0	62	22	6.5	0.0
16/10/2023 13:20	4.0	62	18	6.3	0.0
16/10/2023 13:30	4.0	56	21	6.5	0.0
16/10/2023 13:40	3.9	63	24	7.1	0.0
16/10/2023 13:50	4.3	56	18	7.4	0.0
16/10/2023 14:00	4.3	60	22	6.5	0.0
16/10/2023 14:10	3.8	63	20	6.8	0.0
16/10/2023 14:20	4.2	56	22	6.7	0.0
16/10/2023 14:30	3.9	52	22	6.2	0.0
16/10/2023 14:40	5.1	49	20	8.1	0.0
16/10/2023 14:50	4.5	52	23	6.9	0.0
16/10/2023 15:00	4.8	47	23	7.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 15:10	5.1	51	20	8.5	0.0
16/10/2023 15:20	5.3	53	19	8.5	0.0
16/10/2023 15:30	4.1	54	17	5.9	0.0
16/10/2023 15:40	4.0	52	18	6.6	0.0
16/10/2023 15:50	3.8	45	19	6.7	0.0
16/10/2023 16:00	3.7	44	23	5.8	0.0
16/10/2023 16:10	4.0	42	22	6.0	0.0
16/10/2023 16:20	4.6	46	21	6.3	0.0
16/10/2023 16:30	4.3	43	21	6.8	0.0
16/10/2023 16:40	4.1	45	18	6.0	0.0
16/10/2023 16:50	4.1	44	21	6.8	0.0
16/10/2023 17:00	3.1	40	23	5.4	0.0
16/10/2023 17:10	3.5	33	23	5.6	0.0
16/10/2023 17:20	3.2	33	20	5.1	0.0
16/10/2023 17:30	3.4	40	23	5.6	0.0
16/10/2023 17:40	3.6	39	25	5.7	0.0
16/10/2023 17:50	3.3	38	20	5.4	0.0
16/10/2023 18:00	3.3	37	23	5.2	0.0
16/10/2023 18:10	3.2	30	24	5.4	0.0
16/10/2023 18:20	2.8	30	28	5.1	0.0
16/10/2023 18:30	2.8	30	24	4.8	0.0
16/10/2023 18:40	3.1	33	24	5.0	0.0
16/10/2023 18:50	2.8	28	26	4.5	0.0
16/10/2023 19:00	2.5	25	26	4.4	0.0
16/10/2023 19:10	2.7	21	23	4.7	0.0
16/10/2023 19:20	2.7	24	27	4.1	0.0
16/10/2023 19:30	3.0	18	25	5.5	0.0
16/10/2023 19:40	2.7	22	25	4.6	0.0
16/10/2023 19:50	2.7	20	28	4.7	0.0
16/10/2023 20:00	2.6	15	29	4.5	0.0
16/10/2023 20:10	2.3	15	33	4.2	0.0
16/10/2023 20:20	2.2	15	30	3.9	0.0
16/10/2023 20:30	2.6	12	27	4.8	0.0
16/10/2023 20:40	2.0	13	28	3.6	0.0
16/10/2023 20:50	1.8	6	31	3.2	0.0
16/10/2023 21:00	2.0	12	25	3.8	0.0
16/10/2023 21:10	2.3	14	26	4.1	0.0
16/10/2023 21:20	2.0	23	30	3.8	0.0
16/10/2023 21:30	2.3	18	26	3.7	0.0
16/10/2023 21:40	1.9	35	22	3.4	0.0
16/10/2023 21:50	0.6	53	50	1.3	0.0
16/10/2023 22:00	0.2	92	17	0.8	0.0
16/10/2023 22:10	0.5	291	37	1.1	0.0
16/10/2023 22:20	0.3	16	22	0.9	0.0
16/10/2023 22:30	0.5	183	28	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 22:40	0.5	66	10	1.4	0.0
16/10/2023 22:50	0.2	326	5	0.8	0.0
16/10/2023 23:00	0.1	72	7	0.6	0.0
16/10/2023 23:10	0.1	317	10	0.6	0.0
16/10/2023 23:20	0.8	237	14	1.1	0.0
16/10/2023 23:30	0.9	246	14	1.2	0.0
16/10/2023 23:40	1.4	247	9	1.8	0.0
16/10/2023 23:50	1.3	243	12	1.8	0.0
17/10/2023 00:00	1.2	248	13	1.6	0.0
17/10/2023 00:10	0.2	304	7	0.9	0.0
17/10/2023 00:20	0.1	15	9	0.6	0.0
17/10/2023 00:30	0.4	30	10	0.8	0.0
17/10/2023 00:40	0.5	354	9	0.9	0.0
17/10/2023 00:50	0.6	176	16	1.2	0.0
17/10/2023 01:00	0.8	17	16	1.2	0.0
17/10/2023 01:10	0.6	28	13	1.0	0.0
17/10/2023 01:20	0.6	183	14	1.2	0.0
17/10/2023 01:30	0.8	12	17	1.2	0.0
17/10/2023 01:40	0.5	8	16	1.1	0.0
17/10/2023 01:50	0.5	12	13	0.9	0.0
17/10/2023 02:00	0.7	34	18	1.2	0.0
17/10/2023 02:10	1.0	35	16	1.6	0.0
17/10/2023 02:20	0.8	44	16	1.2	0.0
17/10/2023 02:30	0.6	20	19	1.0	0.0
17/10/2023 02:40	0.5	193	15	1.0	0.0
17/10/2023 02:50	0.9	170	21	1.3	0.0
17/10/2023 03:00	0.7	178	17	1.2	0.0
17/10/2023 03:10	0.6	22	11	1.1	0.0
17/10/2023 03:20	0.6	26	18	1.0	0.0
17/10/2023 03:30	1.0	7	17	1.6	0.0
17/10/2023 03:40	1.0	178	17	1.4	0.0
17/10/2023 03:50	0.9	7	17	1.3	0.0
17/10/2023 04:00	1.2	181	20	1.6	0.0
17/10/2023 04:10	1.3	181	23	1.6	0.0
17/10/2023 04:20	1.2	357	18	1.8	0.0
17/10/2023 04:30	1.0	354	20	1.5	0.0
17/10/2023 04:40	1.2	350	13	1.6	0.0
17/10/2023 04:50	0.7	185	31	1.3	0.0
17/10/2023 05:00	0.5	87	50	1.3	0.0
17/10/2023 05:10	0.7	255	70	1.6	0.0
17/10/2023 05:20	1.2	180	44	2.6	0.0
17/10/2023 05:30	0.6	196	57	1.4	0.0
17/10/2023 05:40	1.0	131	60	2.2	0.0
17/10/2023 05:50	0.8	197	35	1.9	0.0
17/10/2023 06:00	1.7	192	21	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 06:10	1.6	195	26	2.7	0.0
17/10/2023 06:20	1.6	207	36	2.7	0.0
17/10/2023 06:30	1.6	195	21	2.3	0.0
17/10/2023 06:40	1.2	173	24	2.0	0.0
17/10/2023 06:50	1.2	134	27	2.4	0.0
17/10/2023 07:00	1.4	170	21	2.8	0.0
17/10/2023 07:10	1.0	115	35	2.1	0.0
17/10/2023 07:20	1.4	110	32	2.4	0.0
17/10/2023 07:30	1.4	109	32	2.4	0.0
17/10/2023 07:40	1.4	105	33	2.4	0.0
17/10/2023 07:50	1.6	114	24	2.9	0.0
17/10/2023 08:00	1.6	122	29	2.3	0.0
17/10/2023 08:10	1.5	106	32	2.7	0.0
17/10/2023 08:20	1.6	113	34	2.7	0.0
17/10/2023 08:30	1.7	126	30	2.8	0.0
17/10/2023 08:40	1.5	120	35	2.4	0.0
17/10/2023 08:50	1.6	116	33	2.5	0.0
17/10/2023 09:00	1.8	128	27	3.0	0.0
17/10/2023 09:10	1.8	118	32	3.1	0.0
17/10/2023 09:20	1.9	101	30	3.5	0.0
17/10/2023 09:30	2.7	89	26	4.6	0.0
17/10/2023 09:40	3.0	76	24	4.5	0.0
17/10/2023 09:50	3.0	84	25	4.8	0.0
17/10/2023 10:00	3.0	83	28	5.0	0.0
17/10/2023 10:10	2.8	75	26	4.5	0.0
17/10/2023 10:20	2.8	61	24	4.8	0.0
17/10/2023 10:30	2.8	66	26	4.6	0.0
17/10/2023 10:40	2.9	62	25	4.8	0.0
17/10/2023 10:50	2.9	70	22	4.7	0.0
17/10/2023 11:00	3.0	69	22	5.1	0.0
17/10/2023 11:10	3.3	68	26	5.6	0.0
17/10/2023 11:20	3.3	67	23	5.9	0.0
17/10/2023 11:30	3.7	71	23	6.4	0.0
17/10/2023 11:40	3.8	74	20	5.9	0.0
17/10/2023 11:50	3.7	66	21	6.2	0.0
17/10/2023 12:00	3.4	65	26	5.3	0.0
17/10/2023 12:10	3.8	63	22	5.6	0.0
17/10/2023 12:20	4.0	61	21	6.1	0.0
17/10/2023 12:30	4.1	66	21	6.3	0.0
17/10/2023 12:40	3.6	59	20	6.0	0.0
17/10/2023 12:50	3.6	54	22	5.6	0.0
17/10/2023 13:00	3.9	47	26	6.5	0.0
17/10/2023 13:10	4.5	43	23	7.4	0.0
17/10/2023 13:20	5.0	51	21	8.1	0.0
17/10/2023 13:30	5.0	45	22	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 13:40	5.3	48	17	7.7	0.0
17/10/2023 13:50	5.2	47	21	8.0	0.0
17/10/2023 14:00	5.2	53	21	8.0	0.0
17/10/2023 14:10	4.9	48	22	7.7	0.0
17/10/2023 14:20	5.3	54	20	7.6	0.0
17/10/2023 14:30	5.0	54	22	7.9	0.0
17/10/2023 14:40	5.5	49	20	8.4	0.0
17/10/2023 14:50	4.6	53	20	7.6	0.0
17/10/2023 15:00	4.7	56	19	7.8	0.0
17/10/2023 15:10	4.4	55	21	7.1	0.0
17/10/2023 15:20	3.7	51	28	5.8	0.0
17/10/2023 15:30	3.6	57	24	5.7	0.0
17/10/2023 15:40	3.8	52	22	6.0	0.0
17/10/2023 15:50	3.8	51	19	6.0	0.0
17/10/2023 16:00	3.7	44	21	5.6	0.0
17/10/2023 16:10	3.9	42	19	6.2	0.0
17/10/2023 16:20	3.9	42	20	6.0	0.0
17/10/2023 16:30	3.8	38	25	6.3	0.0
17/10/2023 16:40	3.8	40	24	6.2	0.0
17/10/2023 16:50	3.5	44	26	5.2	0.0
17/10/2023 17:00	3.7	44	22	5.9	0.0
17/10/2023 17:10	3.6	39	23	5.5	0.0
17/10/2023 17:20	3.7	42	22	6.1	0.0
17/10/2023 17:30	3.3	38	21	5.2	0.0
17/10/2023 17:40	3.4	36	18	5.9	0.0
17/10/2023 17:50	3.2	36	25	5.0	0.0
17/10/2023 18:00	3.0	43	21	4.4	0.0
17/10/2023 18:10	2.8	27	25	4.5	0.0
17/10/2023 18:20	2.6	31	27	4.6	0.0
17/10/2023 18:30	2.6	37	25	4.6	0.0
17/10/2023 18:40	2.4	33	26	4.0	0.0
17/10/2023 18:50	2.3	27	20	3.8	0.0
17/10/2023 19:00	2.2	31	24	4.0	0.0
17/10/2023 19:10	2.1	34	23	3.2	0.0
17/10/2023 19:20	2.1	32	24	3.6	0.0
17/10/2023 19:30	1.8	182	27	2.6	0.0
17/10/2023 19:40	1.3	335	27	2.3	0.0
17/10/2023 19:50	1.5	263	25	2.7	0.0
17/10/2023 20:00	1.5	280	36	2.8	0.0
17/10/2023 20:10	2.3	239	15	3.4	0.0
17/10/2023 20:20	2.2	246	12	2.8	0.0
17/10/2023 20:30	1.5	246	14	2.3	0.0
17/10/2023 20:40	1.9	245	10	2.5	0.0
17/10/2023 20:50	2.7	248	14	3.6	0.0
17/10/2023 21:00	2.6	247	14	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 21:10	2.5	252	16	3.6	0.0
17/10/2023 21:20	2.0	251	13	2.8	0.0
17/10/2023 21:30	2.2	262	13	3.1	0.0
17/10/2023 21:40	1.9	260	15	2.7	0.0
17/10/2023 21:50	1.9	260	16	2.7	0.0
17/10/2023 22:00	1.8	260	13	2.7	0.0
17/10/2023 22:10	2.1	264	13	2.9	0.0
17/10/2023 22:20	1.7	256	12	2.5	0.0
17/10/2023 22:30	1.7	257	13	2.3	0.0
17/10/2023 22:40	1.7	255	13	2.4	0.0
17/10/2023 22:50	2.0	250	16	2.7	0.0
17/10/2023 23:00	1.7	262	12	2.4	0.0
17/10/2023 23:10	1.8	261	12	2.5	0.0
17/10/2023 23:20	1.9	258	13	2.9	0.0
17/10/2023 23:30	1.9	262	11	2.4	0.0
17/10/2023 23:40	2.1	256	12	2.8	0.0
17/10/2023 23:50	1.5	254	12	2.0	0.0
18/10/2023 00:00	1.3	237	10	1.8	0.0
18/10/2023 00:10	1.1	239	14	1.6	0.0
18/10/2023 00:20	1.4	255	12	2.0	0.0
18/10/2023 00:30	0.8	253	21	1.5	0.0
18/10/2023 00:40	1.4	241	11	2.0	0.0
18/10/2023 00:50	1.1	241	8	1.4	0.0
18/10/2023 01:00	1.1	256	7	1.2	0.0
18/10/2023 01:10	1.4	252	9	1.7	0.0
18/10/2023 01:20	1.6	255	10	2.0	0.0
18/10/2023 01:30	1.6	244	12	2.1	0.0
18/10/2023 01:40	0.5	304	28	1.2	0.0
18/10/2023 01:50	0.3	14	10	0.8	0.0
18/10/2023 02:00	0.4	181	15	0.9	0.0
18/10/2023 02:10	0.9	354	12	1.4	0.0
18/10/2023 02:20	0.8	178	14	1.2	0.0
18/10/2023 02:30	1.1	338	10	1.5	0.0
18/10/2023 02:40	0.6	331	21	1.2	0.0
18/10/2023 02:50	1.7	260	14	2.6	0.0
18/10/2023 03:00	0.5	244	22	1.3	0.0
18/10/2023 03:10	1.1	270	18	1.7	0.0
18/10/2023 03:20	0.9	260	22	1.8	0.0
18/10/2023 03:30	1.1	249	12	2.0	0.0
18/10/2023 03:40	1.4	249	17	2.0	0.0
18/10/2023 03:50	0.8	270	28	1.6	0.0
18/10/2023 04:00	0.3	300	34	1.1	0.0
18/10/2023 04:10	0.5	182	15	1.0	0.0
18/10/2023 04:20	0.6	21	16	1.2	0.0
18/10/2023 04:30	0.4	40	16	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 04:40	0.6	20	26	1.2	0.0
18/10/2023 04:50	0.4	27	21	0.8	0.0
18/10/2023 05:00	0.4	27	25	0.9	0.0
18/10/2023 05:10	0.3	79	33	0.8	0.0
18/10/2023 05:20	0.5	37	35	1.0	0.0
18/10/2023 05:30	0.8	182	44	1.5	0.0
18/10/2023 05:40	0.4	257	42	1.6	0.0
18/10/2023 05:50	0.7	170	32	2.1	0.0
18/10/2023 06:00	1.1	148	32	2.7	0.0
18/10/2023 06:10	1.4	159	25	2.5	0.0
18/10/2023 06:20	1.6	168	23	2.4	0.0
18/10/2023 06:30	1.7	170	35	3.2	0.0
18/10/2023 06:40	1.3	137	37	2.1	0.0
18/10/2023 06:50	1.4	141	24	2.8	0.0
18/10/2023 07:00	2.2	178	27	3.7	0.0
18/10/2023 07:10	2.2	173	28	4.2	0.0
18/10/2023 07:20	1.3	116	25	2.2	0.0
18/10/2023 07:30	1.2	85	24	2.0	0.0
18/10/2023 07:40	1.1	92	32	1.7	0.0
18/10/2023 07:50	0.7	105	54	1.2	0.0
18/10/2023 08:00	0.9	183	32	1.6	0.0
18/10/2023 08:10	1.9	177	21	2.8	0.0
18/10/2023 08:20	1.6	161	29	3.1	0.0
18/10/2023 08:30	2.0	174	19	2.8	0.0
18/10/2023 08:40	1.5	131	35	2.4	0.0
18/10/2023 08:50	1.2	116	29	2.1	0.0
18/10/2023 09:00	1.4	108	35	2.7	0.0
18/10/2023 09:10	1.2	115	40	2.4	0.0
18/10/2023 09:20	1.0	135	51	2.2	0.0
18/10/2023 09:30	1.3	100	36	2.4	0.0
18/10/2023 09:40	1.5	80	29	2.5	0.0
18/10/2023 09:50	1.2	75	45	2.4	0.0
18/10/2023 10:00	1.2	123	37	2.4	0.0
18/10/2023 10:10	1.0	92	47	2.3	0.0
18/10/2023 10:20	0.9	168	64	1.6	0.0
18/10/2023 10:30	1.3	122	35	2.4	0.0
18/10/2023 10:40	1.9	153	32	3.3	0.0
18/10/2023 10:50	1.7	151	37	2.7	0.0
18/10/2023 11:00	1.9	143	34	2.8	0.0
18/10/2023 11:10	1.7	133	38	2.9	0.0
18/10/2023 11:20	1.7	135	31	2.8	0.0
18/10/2023 11:30	1.8	135	33	3.3	0.0
18/10/2023 11:40	2.7	61	28	4.5	0.0
18/10/2023 11:50	2.8	56	22	4.1	0.0
18/10/2023 12:00	2.8	61	20	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 12:10	2.4	70	21	3.3	0.0
18/10/2023 12:20	2.3	63	19	3.6	0.0
18/10/2023 12:30	2.1	67	21	3.5	0.0
18/10/2023 12:40	2.2	211	41	4.9	0.0
18/10/2023 12:50	2.1	5	39	3.6	0.0
18/10/2023 13:00	3.0	178	27	4.2	0.0
18/10/2023 13:10	2.8	352	29	4.5	0.0
18/10/2023 13:20	2.8	352	27	4.4	0.0
18/10/2023 13:30	2.8	346	24	4.4	0.0
18/10/2023 13:40	2.5	348	36	4.2	0.0
18/10/2023 13:50	2.3	3	35	4.0	0.0
18/10/2023 14:00	2.3	184	29	3.4	0.0
18/10/2023 14:10	2.3	10	40	4.4	0.0
18/10/2023 14:20	2.6	185	29	4.0	0.0
18/10/2023 14:30	2.2	30	33	3.8	0.0
18/10/2023 14:40	2.3	15	31	3.6	0.0
18/10/2023 14:50	2.6	21	30	4.1	0.0
18/10/2023 15:00	2.6	9	27	4.0	0.0
18/10/2023 15:10	2.6	156	35	4.4	0.0
18/10/2023 15:20	2.7	326	28	4.3	0.0
18/10/2023 15:30	2.5	319	29	3.9	0.0
18/10/2023 15:40	3.2	318	31	4.8	0.0
18/10/2023 15:50	2.9	313	36	4.7	0.0
18/10/2023 16:00	2.8	321	30	4.5	0.0
18/10/2023 16:10	2.8	315	34	4.5	0.0
18/10/2023 16:20	2.8	325	24	4.4	0.0
18/10/2023 16:30	2.5	316	37	4.8	0.0
18/10/2023 16:40	2.3	319	41	4.4	0.0
18/10/2023 16:50	2.1	278	42	3.4	0.0
18/10/2023 17:00	2.0	281	40	3.6	0.0
18/10/2023 17:10	2.0	298	36	3.6	0.0
18/10/2023 17:20	2.5	273	32	4.0	0.0
18/10/2023 17:30	2.0	298	38	3.6	0.0
18/10/2023 17:40	2.8	260	20	4.6	0.0
18/10/2023 17:50	2.5	261	24	3.6	0.0
18/10/2023 18:00	2.4	261	22	3.4	0.0
18/10/2023 18:10	2.4	258	17	3.5	0.0
18/10/2023 18:20	2.6	251	13	3.6	0.0
18/10/2023 18:30	2.9	246	14	4.0	0.0
18/10/2023 18:40	2.6	241	15	3.9	0.0
18/10/2023 18:50	2.6	238	15	3.8	0.0
18/10/2023 19:00	2.7	241	13	3.8	0.0
18/10/2023 19:10	2.9	241	11	3.9	0.0
18/10/2023 19:20	2.4	249	13	3.6	0.0
18/10/2023 19:30	2.8	252	15	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 19:40	2.7	256	15	3.8	0.0
18/10/2023 19:50	3.2	247	15	4.3	0.0
18/10/2023 20:00	2.8	249	17	4.0	0.0
18/10/2023 20:10	3.0	255	14	4.0	0.0
18/10/2023 20:20	3.0	256	10	3.9	0.0
18/10/2023 20:30	2.7	254	13	3.6	0.0
18/10/2023 20:40	2.9	255	11	3.5	0.0
18/10/2023 20:50	2.7	254	12	3.6	0.0
18/10/2023 21:00	2.3	255	13	3.2	0.0
18/10/2023 21:10	2.3	254	14	3.2	0.0
18/10/2023 21:20	2.7	250	13	3.6	0.0
18/10/2023 21:30	3.0	257	12	3.8	0.0
18/10/2023 21:40	3.2	254	12	4.2	0.0
18/10/2023 21:50	2.6	257	14	3.6	0.0
18/10/2023 22:00	2.8	262	13	3.8	0.0
18/10/2023 22:10	2.8	259	12	3.6	0.0
18/10/2023 22:20	2.7	266	13	3.7	0.0
18/10/2023 22:30	2.6	269	14	3.4	0.0
18/10/2023 22:40	2.6	268	15	3.4	0.0
18/10/2023 22:50	2.9	262	13	4.0	0.0
18/10/2023 23:00	2.9	260	16	4.0	0.0
18/10/2023 23:10	2.3	263	14	3.3	0.0
18/10/2023 23:20	2.3	270	14	3.2	0.0
18/10/2023 23:30	2.4	268	14	3.5	0.0
18/10/2023 23:40	2.1	279	19	3.5	0.0
18/10/2023 23:50	2.0	284	19	3.1	0.0
19/10/2023 00:00	2.0	275	19	2.9	0.0
19/10/2023 00:10	2.4	269	15	3.5	0.0
19/10/2023 00:20	2.4	271	14	3.5	0.0
19/10/2023 00:30	2.4	271	12	3.3	0.0
19/10/2023 00:40	2.0	277	16	3.0	0.0
19/10/2023 00:50	2.2	271	17	3.1	0.0
19/10/2023 01:00	2.4	271	18	3.2	0.0
19/10/2023 01:10	2.6	272	16	3.6	0.0
19/10/2023 01:20	2.5	264	13	3.5	0.0
19/10/2023 01:30	2.3	260	14	3.2	0.0
19/10/2023 01:40	2.5	265	14	3.6	0.0
19/10/2023 01:50	2.9	265	13	3.9	0.0
19/10/2023 02:00	2.6	265	15	3.8	0.0
19/10/2023 02:10	2.7	268	13	3.6	0.0
19/10/2023 02:20	2.8	269	14	3.9	0.0
19/10/2023 02:30	2.7	274	15	3.9	0.0
19/10/2023 02:40	2.7	268	15	3.6	0.0
19/10/2023 02:50	2.5	272	15	3.5	0.0
19/10/2023 03:00	2.6	272	15	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 03:10	2.3	281	19	3.2	0.0
19/10/2023 03:20	2.7	276	15	3.6	0.0
19/10/2023 03:30	2.5	276	17	3.5	0.0
19/10/2023 03:40	2.5	280	19	4.0	0.0
19/10/2023 03:50	2.2	275	17	3.4	0.0
19/10/2023 04:00	2.5	274	15	3.3	0.0
19/10/2023 04:10	2.3	264	16	2.9	0.0
19/10/2023 04:20	2.1	265	15	2.8	0.0
19/10/2023 04:30	1.5	243	25	2.6	0.0
19/10/2023 04:40	0.3	63	26	1.0	0.0
19/10/2023 04:50	1.6	271	28	2.3	0.0
19/10/2023 05:00	1.4	237	17	2.2	0.0
19/10/2023 05:10	0.9	192	39	1.7	0.0
19/10/2023 05:20	1.8	262	16	2.7	0.0
19/10/2023 05:30	1.8	274	18	2.5	0.0
19/10/2023 05:40	1.8	288	22	2.6	0.0
19/10/2023 05:50	2.1	283	20	3.0	0.0
19/10/2023 06:00	2.2	276	19	3.2	0.0
19/10/2023 06:10	2.2	278	16	3.1	0.0
19/10/2023 06:20	2.1	275	22	3.2	0.0
19/10/2023 06:30	1.5	261	22	2.6	0.0
19/10/2023 06:40	1.7	250	20	2.8	0.0
19/10/2023 06:50	1.7	254	19	2.4	0.0
19/10/2023 07:00	1.7	235	16	2.3	0.0
19/10/2023 07:10	1.0	183	27	1.9	0.0
19/10/2023 07:20	1.7	200	27	2.5	0.0
19/10/2023 07:30	1.4	183	29	2.1	0.0
19/10/2023 07:40	2.0	219	23	3.2	0.0
19/10/2023 07:50	2.2	208	18	3.2	0.0
19/10/2023 08:00	1.4	195	28	2.1	0.0
19/10/2023 08:10	1.1	216	39	2.3	0.0
19/10/2023 08:20	2.1	209	26	4.1	0.0
19/10/2023 08:30	3.0	192	21	4.6	0.0
19/10/2023 08:40	2.6	171	26	4.0	0.0
19/10/2023 08:50	3.3	182	21	4.7	0.0
19/10/2023 09:00	3.1	168	24	5.1	0.0
19/10/2023 09:10	2.8	164	24	4.9	0.0
19/10/2023 09:20	2.5	159	27	4.0	0.0
19/10/2023 09:30	2.6	161	25	4.1	0.0
19/10/2023 09:40	2.0	133	31	3.6	0.0
19/10/2023 09:50	2.1	133	33	3.6	0.0
19/10/2023 10:00	2.1	140	30	3.6	0.0
19/10/2023 10:10	2.3	136	30	3.6	0.0
19/10/2023 10:20	2.3	123	38	3.5	0.0
19/10/2023 10:30	2.2	101	30	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 10:40	2.3	103	31	3.8	0.0
19/10/2023 10:50	2.0	104	32	3.6	0.0
19/10/2023 11:00	2.2	102	29	3.8	0.0
19/10/2023 11:10	2.5	66	26	3.6	0.0
19/10/2023 11:20	2.3	57	24	3.5	0.0
19/10/2023 11:30	2.5	69	28	3.7	0.0
19/10/2023 11:40	2.7	56	23	4.1	0.0
19/10/2023 11:50	2.6	69	21	4.0	0.0
19/10/2023 12:00	2.4	66	20	3.7	0.0
19/10/2023 12:10	2.3	65	22	3.2	0.0
19/10/2023 12:20	2.1	60	27	3.3	0.0
19/10/2023 12:30	2.4	64	24	3.8	0.0
19/10/2023 12:40	2.6	62	24	3.7	0.0
19/10/2023 12:50	2.5	66	24	3.8	0.0
19/10/2023 13:00	2.7	68	28	4.6	0.0
19/10/2023 13:10	2.6	60	23	4.0	0.0
19/10/2023 13:20	2.6	71	19	3.9	0.0
19/10/2023 13:30	2.7	72	23	4.1	0.0
19/10/2023 13:40	2.4	56	26	3.8	0.0
19/10/2023 13:50	2.3	25	38	4.0	0.0
19/10/2023 14:00	2.7	9	26	4.1	0.0
19/10/2023 14:10	3.1	8	28	4.7	0.0
19/10/2023 14:20	3.1	12	28	5.2	0.0
19/10/2023 14:30	3.6	15	30	6.4	0.0
19/10/2023 14:40	3.8	13	26	6.0	0.0
19/10/2023 14:50	3.9	14	25	6.1	0.0
19/10/2023 15:00	3.8	9	27	5.7	0.0
19/10/2023 15:10	3.3	170	23	5.8	0.0
19/10/2023 15:20	3.5	341	25	5.2	0.0
19/10/2023 15:30	3.1	346	28	4.8	0.0
19/10/2023 15:40	3.0	334	28	5.5	0.0
19/10/2023 15:50	3.3	348	29	5.2	0.0
19/10/2023 16:00	2.9	334	29	5.2	0.0
19/10/2023 16:10	3.4	335	28	5.0	0.0
19/10/2023 16:20	3.0	326	27	5.2	0.0
19/10/2023 16:30	3.3	323	24	5.1	0.0
19/10/2023 16:40	2.7	318	33	4.6	0.0
19/10/2023 16:50	2.9	322	29	5.0	0.0
19/10/2023 17:00	3.4	321	27	6.0	0.0
19/10/2023 17:10	2.9	322	25	4.5	0.0
19/10/2023 17:20	2.8	306	33	4.4	0.0
19/10/2023 17:30	2.7	311	32	5.3	0.0
19/10/2023 17:40	2.1	294	44	4.5	0.0
19/10/2023 17:50	2.1	290	38	4.1	0.0
19/10/2023 18:00	2.4	311	35	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 18:10	2.2	275	39	3.8	0.0
19/10/2023 18:20	2.2	296	40	3.8	0.0
19/10/2023 18:30	2.1	290	42	3.6	0.0
19/10/2023 18:40	2.1	273	32	3.2	0.0
19/10/2023 18:50	2.4	257	19	4.0	0.0
19/10/2023 19:00	2.5	261	20	4.1	0.0
19/10/2023 19:10	2.6	262	20	4.1	0.0
19/10/2023 19:20	2.6	248	17	3.7	0.0
19/10/2023 19:30	2.3	239	15	3.0	0.0
19/10/2023 19:40	2.3	237	14	3.2	0.0
19/10/2023 19:50	2.6	243	12	3.4	0.0
19/10/2023 20:00	2.8	242	14	4.4	0.0
19/10/2023 20:10	2.7	242	14	3.8	0.0
19/10/2023 20:20	3.3	249	13	4.8	0.0
19/10/2023 20:30	3.2	251	17	4.7	0.0
19/10/2023 20:40	3.3	249	15	5.0	0.0
19/10/2023 20:50	3.4	249	15	4.8	0.0
19/10/2023 21:00	3.5	248	15	4.8	0.0
19/10/2023 21:10	2.7	250	16	4.1	0.0
19/10/2023 21:20	2.9	249	15	4.2	0.0
19/10/2023 21:30	2.8	251	17	4.2	0.0
19/10/2023 21:40	2.8	252	17	4.3	0.0
19/10/2023 21:50	3.3	254	14	4.4	0.0
19/10/2023 22:00	2.7	251	14	3.6	0.0
19/10/2023 22:10	2.4	254	15	3.6	0.0
19/10/2023 22:20	2.7	252	12	4.0	0.0
19/10/2023 22:30	2.6	254	15	3.6	0.0
19/10/2023 22:40	2.3	249	15	3.5	0.0
19/10/2023 22:50	2.5	254	16	3.6	0.0
19/10/2023 23:00	2.2	253	16	3.1	0.0
19/10/2023 23:10	2.3	253	15	3.1	0.0
19/10/2023 23:20	1.8	252	18	2.6	0.0
19/10/2023 23:30	1.9	254	15	2.9	0.0
19/10/2023 23:40	2.5	256	13	3.7	0.0
19/10/2023 23:50	3.0	251	13	4.1	0.0
20/10/2023 00:00	2.9	252	14	4.2	0.0
20/10/2023 00:10	2.5	250	18	4.2	0.0
20/10/2023 00:20	3.7	257	16	5.1	0.0
20/10/2023 00:30	4.7	255	14	7.2	0.0
20/10/2023 00:40	4.0	260	13	5.5	0.0
20/10/2023 00:50	3.5	257	13	4.7	0.0
20/10/2023 01:00	2.9	255	16	4.0	0.0
20/10/2023 01:10	2.7	250	16	4.2	0.0
20/10/2023 01:20	2.7	251	14	3.7	0.0
20/10/2023 01:30	2.9	250	15	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 01:40	2.6	251	13	3.4	0.0
20/10/2023 01:50	2.6	252	13	3.8	0.0
20/10/2023 02:00	2.5	256	14	3.9	0.0
20/10/2023 02:10	2.1	257	16	3.0	0.0
20/10/2023 02:20	2.1	256	15	3.2	0.0
20/10/2023 02:30	2.0	248	13	3.3	0.0
20/10/2023 02:40	1.8	233	15	2.8	0.0
20/10/2023 02:50	1.8	251	17	3.0	0.0
20/10/2023 03:00	2.3	257	13	3.2	0.0
20/10/2023 03:10	2.3	252	17	3.2	0.0
20/10/2023 03:20	1.7	247	16	2.4	0.0
20/10/2023 03:30	2.1	256	16	3.0	0.0
20/10/2023 03:40	3.0	264	12	4.2	0.0
20/10/2023 03:50	3.1	264	14	4.4	0.0
20/10/2023 04:00	2.7	264	17	3.9	0.0
20/10/2023 04:10	2.2	251	19	3.4	0.0
20/10/2023 04:20	2.1	244	22	3.0	0.0
20/10/2023 04:30	2.0	249	19	2.9	0.0
20/10/2023 04:40	2.6	261	13	3.8	0.0
20/10/2023 04:50	2.5	258	15	3.5	0.0
20/10/2023 05:00	2.3	260	17	3.2	0.0
20/10/2023 05:10	2.6	260	17	3.8	0.0
20/10/2023 05:20	2.4	267	17	3.7	0.0
20/10/2023 05:30	1.9	239	18	2.8	0.0
20/10/2023 05:40	1.8	240	21	2.9	0.0
20/10/2023 05:50	2.5	268	16	3.5	0.0
20/10/2023 06:00	2.3	251	16	3.5	0.0
20/10/2023 06:10	1.5	247	18	2.4	0.0
20/10/2023 06:20	1.6	219	16	2.5	0.0
20/10/2023 06:30	1.3	206	25	2.0	0.0
20/10/2023 06:40	0.8	163	21	1.7	0.0
20/10/2023 06:50	0.7	145	30	1.6	0.0
20/10/2023 07:00	0.9	143	28	2.0	0.0
20/10/2023 07:10	1.6	168	24	3.2	0.0
20/10/2023 07:20	1.7	161	26	3.0	0.0
20/10/2023 07:30	1.8	168	23	3.1	0.0
20/10/2023 07:40	1.7	161	29	2.8	0.0
20/10/2023 07:50	2.0	151	28	3.6	0.0
20/10/2023 08:00	2.0	151	27	3.9	0.0
20/10/2023 08:10	2.4	148	30	3.9	0.0
20/10/2023 08:20	2.4	144	27	3.6	0.0
20/10/2023 08:30	2.4	135	26	4.0	0.0
20/10/2023 08:40	2.1	132	31	3.2	0.0
20/10/2023 08:50	1.9	125	32	3.2	0.0
20/10/2023 09:00	2.0	139	24	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 09:10	2.0	127	27	3.3	0.0
20/10/2023 09:20	2.0	123	32	3.3	0.0
20/10/2023 09:30	2.1	121	33	3.7	0.0
20/10/2023 09:40	2.3	105	29	4.0	0.4
20/10/2023 09:50	2.5	100	29	3.8	0.0
20/10/2023 10:00	2.5	73	19	4.6	0.1
20/10/2023 10:10	2.7	63	22	4.8	0.0
20/10/2023 10:20	3.1	61	22	5.0	0.0
20/10/2023 10:30	3.2	53	21	5.1	0.0
20/10/2023 10:40	3.1	52	20	5.2	0.0
20/10/2023 10:50	2.7	61	24	4.8	0.0
20/10/2023 11:00	3.2	53	19	4.9	0.0
20/10/2023 11:10	3.4	56	24	5.0	0.0
20/10/2023 11:20	3.2	60	21	5.4	0.0
20/10/2023 11:30	3.2	55	24	5.6	0.0
20/10/2023 11:40	3.6	49	20	5.6	0.0
20/10/2023 11:50	4.0	53	21	5.8	0.0
20/10/2023 12:00	3.9	58	20	6.4	0.0
20/10/2023 12:10	3.9	56	22	6.0	0.0
20/10/2023 12:20	3.5	57	21	5.5	0.0
20/10/2023 12:30	3.1	53	21	5.0	0.0
20/10/2023 12:40	3.4	55	19	5.4	0.0
20/10/2023 12:50	3.5	50	22	5.7	0.0
20/10/2023 13:00	3.4	56	21	5.4	0.0
20/10/2023 13:10	3.5	60	21	6.1	0.0
20/10/2023 13:20	3.6	56	21	5.5	0.0
20/10/2023 13:30	3.6	59	22	6.1	0.0
20/10/2023 13:40	3.7	57	22	5.7	0.0
20/10/2023 13:50	3.2	66	20	5.2	0.0
20/10/2023 14:00	3.1	67	21	4.6	0.0
20/10/2023 14:10	3.0	64	25	4.4	0.0
20/10/2023 14:20	3.2	52	24	5.0	0.0
20/10/2023 14:30	3.5	54	20	6.0	0.0
20/10/2023 14:40	3.3	40	23	5.9	0.0
20/10/2023 14:50	3.1	41	25	5.4	0.0
20/10/2023 15:00	2.6	17	30	4.4	0.0
20/10/2023 15:10	2.9	11	28	4.7	0.0
20/10/2023 15:20	3.2	7	31	4.8	0.0
20/10/2023 15:30	3.1	16	28	4.8	0.0
20/10/2023 15:40	3.4	21	28	5.2	0.0
20/10/2023 15:50	3.6	12	29	6.2	0.0
20/10/2023 16:00	3.3	6	25	5.3	0.0
20/10/2023 16:10	3.3	8	29	5.5	0.0
20/10/2023 16:20	3.3	9	27	5.2	0.0
20/10/2023 16:30	2.9	178	32	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 16:40	3.0	1	26	5.2	0.0
20/10/2023 16:50	3.1	355	26	4.9	0.0
20/10/2023 17:00	3.3	175	20	5.2	0.0
20/10/2023 17:10	3.5	348	25	5.6	0.0
20/10/2023 17:20	3.3	180	27	5.2	0.0
20/10/2023 17:30	2.9	180	32	5.3	0.0
20/10/2023 17:40	2.9	351	32	5.3	0.0
20/10/2023 17:50	3.7	341	24	5.5	0.0
20/10/2023 18:00	2.9	348	28	4.7	0.0
20/10/2023 18:10	3.6	342	23	5.8	0.0
20/10/2023 18:20	3.0	340	23	4.4	0.0
20/10/2023 18:30	3.4	338	22	5.3	0.0
20/10/2023 18:40	3.4	347	20	5.2	0.0
20/10/2023 18:50	3.6	335	21	5.9	0.0
20/10/2023 19:00	3.2	323	23	4.8	0.0
20/10/2023 19:10	2.9	325	24	5.1	0.0
20/10/2023 19:20	3.2	325	23	5.4	0.0
20/10/2023 19:30	3.1	322	23	4.9	0.0
20/10/2023 19:40	3.0	277	28	4.7	0.0
20/10/2023 19:50	2.7	264	19	4.3	0.0
20/10/2023 20:00	2.6	254	19	3.8	0.0
20/10/2023 20:10	2.6	249	13	3.8	0.0
20/10/2023 20:20	3.3	249	16	4.6	0.0
20/10/2023 20:30	3.0	251	16	4.4	0.0
20/10/2023 20:40	2.9	253	17	4.3	0.0
20/10/2023 20:50	2.5	237	17	4.1	0.0
20/10/2023 21:00	3.2	251	17	4.8	0.0
20/10/2023 21:10	3.5	250	15	4.8	0.0
20/10/2023 21:20	3.3	252	15	4.6	0.0
20/10/2023 21:30	3.0	248	19	5.2	0.0
20/10/2023 21:40	2.7	248	15	3.8	0.0
20/10/2023 21:50	2.3	243	18	3.5	0.0
20/10/2023 22:00	2.3	248	16	3.2	0.0
20/10/2023 22:10	2.0	247	12	2.9	0.0
20/10/2023 22:20	1.7	251	12	2.6	0.0
20/10/2023 22:30	1.8	255	13	2.5	0.0
20/10/2023 22:40	2.4	256	16	3.6	0.0
20/10/2023 22:50	2.0	258	18	2.9	0.0
20/10/2023 23:00	1.9	256	15	2.7	0.0
20/10/2023 23:10	2.3	258	13	3.1	0.0
20/10/2023 23:20	2.3	258	11	2.8	0.0
20/10/2023 23:30	2.3	257	13	3.1	0.0
20/10/2023 23:40	2.4	262	11	3.4	0.0
20/10/2023 23:50	2.3	259	12	3.1	0.0
21/10/2023 00:00	2.1	261	12	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 00:10	1.7	258	15	2.3	0.0
21/10/2023 00:20	2.0	262	12	2.6	0.0
21/10/2023 00:30	2.2	266	14	2.9	0.0
21/10/2023 00:40	1.9	264	15	2.6	0.0
21/10/2023 00:50	1.9	269	13	2.7	0.0
21/10/2023 01:00	2.1	272	14	2.8	0.0
21/10/2023 01:10	1.5	277	18	2.0	0.0
21/10/2023 01:20	1.7	269	13	2.4	0.0
21/10/2023 01:30	1.3	268	14	1.9	0.0
21/10/2023 01:40	1.1	290	19	1.4	0.0
21/10/2023 01:50	1.2	299	11	1.7	0.0
21/10/2023 02:00	1.5	286	15	2.0	0.0
21/10/2023 02:10	1.4	265	17	2.0	0.0
21/10/2023 02:20	1.3	263	14	2.0	0.0
21/10/2023 02:30	1.3	264	14	1.9	0.0
21/10/2023 02:40	1.1	270	20	1.6	0.0
21/10/2023 02:50	1.0	270	27	1.4	0.0
21/10/2023 03:00	0.1	212	5	0.9	0.0
21/10/2023 03:10	1.0	277	16	1.8	0.0
21/10/2023 03:20	1.6	283	19	2.4	0.0
21/10/2023 03:30	1.5	245	17	2.1	0.0
21/10/2023 03:40	1.6	263	15	2.5	0.0
21/10/2023 03:50	1.8	260	14	2.4	0.0
21/10/2023 04:00	1.6	236	14	2.4	0.0
21/10/2023 04:10	1.4	238	11	1.9	0.0
21/10/2023 04:20	1.9	251	16	2.8	0.0
21/10/2023 04:30	1.2	136	38	1.8	0.0
21/10/2023 04:40	1.2	269	23	2.0	0.0
21/10/2023 04:50	0.7	154	37	1.6	0.0
21/10/2023 05:00	0.0	357	5	0.6	0.0
21/10/2023 05:10	0.2	67	5	0.6	0.0
21/10/2023 05:20	0.0	195	1	0.4	0.0
21/10/2023 05:30	0.4	246	14	1.0	0.0
21/10/2023 05:40	0.1	345	8	0.7	0.0
21/10/2023 05:50	0.5	351	13	0.9	0.0
21/10/2023 06:00	0.1	125	6	0.5	0.0
21/10/2023 06:10	0.0	3	4	0.8	0.0
21/10/2023 06:20	0.4	216	11	1.1	0.0
21/10/2023 06:30	0.0	333	3	0.4	0.0
21/10/2023 06:40	0.5	84	9	1.1	0.0
21/10/2023 06:50	0.8	213	18	1.4	0.0
21/10/2023 07:00	0.2	50	6	0.8	0.0
21/10/2023 07:10	0.5	96	18	1.2	0.0
21/10/2023 07:20	0.7	108	29	1.4	0.0
21/10/2023 07:30	1.0	119	29	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 07:40	1.1	118	26	1.6	0.0
21/10/2023 07:50	1.7	155	29	2.9	0.0
21/10/2023 08:00	1.6	135	27	2.5	0.0
21/10/2023 08:10	1.4	118	26	2.5	0.0
21/10/2023 08:20	1.5	107	31	2.4	0.0
21/10/2023 08:30	1.4	102	27	2.2	0.0
21/10/2023 08:40	1.7	109	30	2.5	0.0
21/10/2023 08:50	1.3	123	34	2.1	0.0
21/10/2023 09:00	1.6	112	35	2.7	0.0
21/10/2023 09:10	2.1	87	32	4.0	0.0
21/10/2023 09:20	1.7	86	31	2.9	0.0
21/10/2023 09:30	2.3	64	27	4.0	0.0
21/10/2023 09:40	2.9	62	22	4.4	0.0
21/10/2023 09:50	2.8	64	25	4.4	0.0
21/10/2023 10:00	2.9	56	22	4.7	0.0
21/10/2023 10:10	3.3	47	25	5.6	0.0
21/10/2023 10:20	3.0	54	26	5.0	0.0
21/10/2023 10:30	4.1	49	22	6.9	0.0
21/10/2023 10:40	2.8	57	24	4.4	0.0
21/10/2023 10:50	3.2	59	22	5.4	0.0
21/10/2023 11:00	2.9	61	22	4.7	0.0
21/10/2023 11:10	3.5	61	25	6.4	0.0
21/10/2023 11:20	3.0	63	25	5.1	0.0
21/10/2023 11:30	3.5	64	22	5.7	0.0
21/10/2023 11:40	3.6	61	19	5.6	0.0
21/10/2023 11:50	3.4	51	23	5.7	0.0
21/10/2023 12:00	3.3	63	21	4.8	0.0
21/10/2023 12:10	3.3	51	23	4.9	0.0
21/10/2023 12:20	3.5	55	22	5.3	0.0
21/10/2023 12:30	3.1	61	22	5.2	0.0
21/10/2023 12:40	3.2	66	23	5.0	0.0
21/10/2023 12:50	3.4	58	22	5.2	0.0
21/10/2023 13:00	3.7	59	21	5.9	0.0
21/10/2023 13:10	3.8	56	19	6.4	0.0
21/10/2023 13:20	3.7	67	21	5.7	0.0
21/10/2023 13:30	3.7	63	22	5.6	0.0
21/10/2023 13:40	3.5	56	22	5.5	0.0
21/10/2023 13:50	3.6	52	25	6.3	0.0
21/10/2023 14:00	3.3	46	22	5.2	0.0
21/10/2023 14:10	3.7	30	23	6.1	0.0
21/10/2023 14:20	2.6	30	30	4.8	0.0
21/10/2023 14:30	3.9	14	25	6.6	0.0
21/10/2023 14:40	3.2	9	28	5.2	0.0
21/10/2023 14:50	3.5	9	27	5.4	0.0
21/10/2023 15:00	3.9	10	23	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 15:10	3.4	14	30	6.0	0.0
21/10/2023 15:20	3.1	8	29	4.8	0.0
21/10/2023 15:30	3.1	7	28	5.4	0.0
21/10/2023 15:40	2.7	9	33	4.4	0.0
21/10/2023 15:50	2.9	11	32	5.1	0.0
21/10/2023 16:00	3.3	8	28	5.4	0.0
21/10/2023 16:10	2.9	8	37	5.1	0.0
21/10/2023 16:20	2.9	14	34	5.1	0.0
21/10/2023 16:30	2.7	182	35	4.7	0.0
21/10/2023 16:40	3.2	339	26	5.2	0.0
21/10/2023 16:50	3.4	335	31	5.3	0.0
21/10/2023 17:00	3.1	339	22	5.0	0.0
21/10/2023 17:10	2.8	321	24	4.8	0.0
21/10/2023 17:20	2.8	319	34	4.4	0.0
21/10/2023 17:30	2.7	330	22	4.6	0.0
21/10/2023 17:40	2.9	330	23	4.8	0.0
21/10/2023 17:50	3.7	327	20	5.7	0.0
21/10/2023 18:00	3.2	329	24	5.1	0.0
21/10/2023 18:10	3.4	329	21	5.2	0.0
21/10/2023 18:20	3.3	325	21	5.2	0.0
21/10/2023 18:30	3.1	328	23	4.8	0.0
21/10/2023 18:40	3.4	341	22	5.2	0.0
21/10/2023 18:50	3.4	341	20	5.1	0.0
21/10/2023 19:00	2.7	337	25	4.5	0.0
21/10/2023 19:10	2.4	335	26	3.6	0.0
21/10/2023 19:20	2.8	341	21	4.2	0.0
21/10/2023 19:30	3.0	341	21	4.5	0.0
21/10/2023 19:40	2.2	329	29	3.6	0.0
21/10/2023 19:50	2.2	271	39	3.7	0.0
21/10/2023 20:00	1.9	240	18	3.1	0.0
21/10/2023 20:10	2.0	244	14	2.8	0.0
21/10/2023 20:20	2.5	243	15	3.6	0.0
21/10/2023 20:30	2.5	244	14	3.6	0.0
21/10/2023 20:40	1.8	244	16	2.7	0.0
21/10/2023 20:50	1.8	240	11	2.4	0.0
21/10/2023 21:00	1.4	222	22	2.2	0.0
21/10/2023 21:10	0.5	153	29	1.2	0.0
21/10/2023 21:20	0.0	147	8	0.5	0.0
21/10/2023 21:30	0.0	65	0	0.4	0.0
21/10/2023 21:40	1.0	242	10	1.7	0.0
21/10/2023 21:50	1.5	252	11	2.2	0.0
21/10/2023 22:00	2.0	246	15	2.8	0.0
21/10/2023 22:10	1.7	248	13	2.1	0.0
21/10/2023 22:20	1.9	243	15	2.8	0.0
21/10/2023 22:30	1.5	237	16	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 22:40	2.3	255	13	3.2	0.0
21/10/2023 22:50	2.1	252	20	3.2	0.0
21/10/2023 23:00	2.1	245	17	3.6	0.0
21/10/2023 23:10	2.4	254	13	3.7	0.0
21/10/2023 23:20	2.5	250	16	3.6	0.0
21/10/2023 23:30	3.0	252	15	4.0	0.0
21/10/2023 23:40	3.4	255	13	4.4	0.0
21/10/2023 23:50	3.5	252	14	4.4	0.0
22/10/2023 00:00	3.2	252	13	4.4	0.0
22/10/2023 00:10	2.6	256	13	3.6	0.0
22/10/2023 00:20	2.9	249	18	4.3	0.0
22/10/2023 00:30	3.0	236	17	4.4	0.0
22/10/2023 00:40	2.9	242	17	3.8	0.0
22/10/2023 00:50	3.0	246	20	4.7	0.0
22/10/2023 01:00	3.0	243	18	4.7	0.0
22/10/2023 01:10	3.1	243	18	5.0	0.0
22/10/2023 01:20	2.5	251	19	3.7	0.0
22/10/2023 01:30	2.2	260	15	3.0	0.0
22/10/2023 01:40	2.4	260	15	3.5	0.0
22/10/2023 01:50	2.4	259	15	3.3	0.0
22/10/2023 02:00	2.6	263	15	3.8	0.0
22/10/2023 02:10	3.0	263	12	4.1	0.0
22/10/2023 02:20	2.9	265	15	4.1	0.0
22/10/2023 02:30	2.7	261	15	3.7	0.0
22/10/2023 02:40	2.6	252	21	3.8	0.0
22/10/2023 02:50	2.8	262	17	4.1	0.0
22/10/2023 03:00	3.1	268	16	4.1	0.0
22/10/2023 03:10	2.9	264	16	4.1	0.0
22/10/2023 03:20	3.1	263	16	4.5	0.0
22/10/2023 03:30	3.0	265	16	4.3	0.0
22/10/2023 03:40	2.6	262	20	3.7	0.0
22/10/2023 03:50	3.0	251	19	4.8	0.0
22/10/2023 04:00	3.0	257	16	4.8	0.0
22/10/2023 04:10	3.0	252	18	4.4	0.0
22/10/2023 04:20	2.6	259	18	3.8	0.0
22/10/2023 04:30	2.4	276	19	3.6	0.0
22/10/2023 04:40	2.6	276	18	3.8	0.0
22/10/2023 04:50	2.9	283	20	4.4	0.0
22/10/2023 05:00	2.7	280	18	3.7	0.0
22/10/2023 05:10	1.9	288	17	2.8	0.0
22/10/2023 05:20	1.8	285	18	2.8	0.0
22/10/2023 05:30	2.1	274	17	3.0	0.0
22/10/2023 05:40	1.8	294	18	2.6	0.0
22/10/2023 05:50	1.6	284	22	2.4	0.0
22/10/2023 06:00	1.8	287	17	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 06:10	1.8	272	24	2.9	0.0
22/10/2023 06:20	1.8	269	18	2.7	0.0
22/10/2023 06:30	1.4	290	24	2.0	0.0
22/10/2023 06:40	1.0	247	59	1.7	0.0
22/10/2023 06:50	1.0	141	42	2.5	0.0
22/10/2023 07:00	2.0	262	18	2.9	0.0
22/10/2023 07:10	1.5	242	28	2.5	0.0
22/10/2023 07:20	1.7	251	22	2.4	0.0
22/10/2023 07:30	1.5	234	25	2.4	0.0
22/10/2023 07:40	1.5	243	22	2.5	0.0
22/10/2023 07:50	1.5	220	25	2.4	0.0
22/10/2023 08:00	1.8	230	22	2.5	0.0
22/10/2023 08:10	1.9	244	23	2.9	0.0
22/10/2023 08:20	1.4	221	35	2.4	0.0
22/10/2023 08:30	1.4	175	33	3.0	0.0
22/10/2023 08:40	1.6	111	28	2.5	0.0
22/10/2023 08:50	1.2	115	38	2.0	0.0
22/10/2023 09:00	1.3	122	34	2.0	0.0
22/10/2023 09:10	1.0	120	38	2.0	0.0
22/10/2023 09:20	1.1	151	43	2.1	0.0
22/10/2023 09:30	0.9	91	66	1.7	0.0
22/10/2023 09:40	1.6	228	31	2.8	0.0
22/10/2023 09:50	1.7	205	33	2.9	0.0
22/10/2023 10:00	2.1	215	27	3.2	0.0
22/10/2023 10:10	2.2	255	21	3.5	0.0
22/10/2023 10:20	2.4	244	27	3.8	0.0
22/10/2023 10:30	2.6	214	29	4.4	0.0
22/10/2023 10:40	2.7	205	26	4.2	0.0
22/10/2023 10:50	2.6	223	24	4.3	0.0
22/10/2023 11:00	2.5	240	26	4.0	0.0
22/10/2023 11:10	2.4	251	31	4.3	0.0
22/10/2023 11:20	2.2	263	38	4.0	0.0
22/10/2023 11:30	1.8	286	47	3.1	0.0
22/10/2023 11:40	2.1	219	44	4.4	0.0
22/10/2023 11:50	2.6	352	29	4.0	0.0
22/10/2023 12:00	2.4	349	31	3.6	0.0
22/10/2023 12:10	2.5	182	36	4.6	0.0
22/10/2023 12:20	2.6	353	29	4.1	0.0
22/10/2023 12:30	3.0	180	25	4.7	0.0
22/10/2023 12:40	3.1	180	31	4.9	0.0
22/10/2023 12:50	2.4	357	32	4.4	0.0
22/10/2023 13:00	3.6	13	27	5.6	0.0
22/10/2023 13:10	3.1	180	26	5.3	0.0
22/10/2023 13:20	3.3	347	35	5.5	0.0
22/10/2023 13:30	3.5	318	25	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 13:40	3.4	322	23	5.5	0.0
22/10/2023 13:50	3.3	321	31	5.3	0.0
22/10/2023 14:00	3.7	342	30	5.6	0.0
22/10/2023 14:10	3.1	340	33	5.5	0.0
22/10/2023 14:20	3.7	349	32	6.5	0.0
22/10/2023 14:30	3.5	339	25	5.6	0.0
22/10/2023 14:40	3.2	352	32	5.2	0.0
22/10/2023 14:50	3.0	181	35	4.9	0.0
22/10/2023 15:00	3.5	10	29	6.3	0.0
22/10/2023 15:10	3.1	348	34	6.0	0.0
22/10/2023 15:20	3.8	332	32	6.4	0.0
22/10/2023 15:30	3.6	354	28	6.0	0.0
22/10/2023 15:40	3.3	344	28	4.9	0.0
22/10/2023 15:50	3.7	342	27	6.1	0.0
22/10/2023 16:00	3.5	335	28	5.8	0.0
22/10/2023 16:10	3.2	328	33	6.0	0.0
22/10/2023 16:20	3.8	347	30	6.1	0.0
22/10/2023 16:30	3.2	340	30	5.2	0.0
22/10/2023 16:40	2.9	344	31	5.0	0.0
22/10/2023 16:50	2.9	346	29	5.1	0.0
22/10/2023 17:00	3.2	347	22	5.2	0.0
22/10/2023 17:10	2.9	329	30	5.3	0.0
22/10/2023 17:20	2.6	319	27	4.1	0.0
22/10/2023 17:30	2.7	327	28	4.2	0.0
22/10/2023 17:40	3.0	329	19	4.2	0.0
22/10/2023 17:50	3.2	326	19	4.8	0.0
22/10/2023 18:00	2.3	331	30	4.4	0.0
22/10/2023 18:10	2.2	332	28	3.7	0.0
22/10/2023 18:20	2.2	347	38	3.7	0.0
22/10/2023 18:30	2.8	334	26	4.4	0.0
22/10/2023 18:40	2.6	342	28	4.4	0.0
22/10/2023 18:50	2.3	347	26	4.1	0.0
22/10/2023 19:00	2.3	346	39	4.4	0.0
22/10/2023 19:10	2.2	351	30	4.0	0.0
22/10/2023 19:20	2.7	343	25	4.4	0.0
22/10/2023 19:30	3.1	343	26	4.9	0.0
22/10/2023 19:40	2.9	343	29	4.7	0.0
22/10/2023 19:50	1.6	351	44	3.6	0.0
22/10/2023 20:00	1.3	177	50	2.9	0.0
22/10/2023 20:10	2.2	337	31	4.4	0.0
22/10/2023 20:20	1.4	174	39	3.0	0.0
22/10/2023 20:30	2.0	334	32	3.2	0.0
22/10/2023 20:40	2.4	182	31	4.0	0.0
22/10/2023 20:50	2.2	342	30	4.1	0.0
22/10/2023 21:00	2.7	341	31	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 21:10	2.2	335	33	4.0	0.0
22/10/2023 21:20	2.8	349	25	4.6	0.0
22/10/2023 21:30	2.1	333	32	3.5	0.0
22/10/2023 21:40	2.2	176	31	4.1	0.0
22/10/2023 21:50	2.8	349	26	4.5	0.0
22/10/2023 22:00	2.8	343	23	4.2	0.0
22/10/2023 22:10	3.3	342	20	5.5	0.0
22/10/2023 22:20	2.7	342	24	4.5	0.0
22/10/2023 22:30	2.8	345	27	5.0	0.0
22/10/2023 22:40	3.3	346	21	4.7	0.0
22/10/2023 22:50	3.1	337	22	5.3	0.0
22/10/2023 23:00	3.2	346	19	5.4	0.0
22/10/2023 23:10	3.4	342	24	5.6	0.0
22/10/2023 23:20	3.3	338	22	5.1	0.0
22/10/2023 23:30	2.7	326	37	5.1	0.0
22/10/2023 23:40	2.7	313	29	4.4	0.0
22/10/2023 23:50	3.1	316	19	5.1	0.0
23/10/2023 00:00	3.0	312	23	4.9	0.0
23/10/2023 00:10	2.5	309	34	4.1	0.0
23/10/2023 00:20	3.1	317	25	4.8	0.0
23/10/2023 00:30	2.1	284	38	3.7	0.0
23/10/2023 00:40	2.5	295	39	4.6	0.0
23/10/2023 00:50	2.2	304	36	3.8	0.0
23/10/2023 01:00	1.6	272	47	2.9	0.0
23/10/2023 01:10	2.0	268	39	3.2	0.0
23/10/2023 01:20	1.9	257	38	3.0	0.0
23/10/2023 01:30	2.3	255	26	3.6	0.0
23/10/2023 01:40	2.2	249	21	3.6	0.0
23/10/2023 01:50	2.0	253	25	3.1	0.0
23/10/2023 02:00	2.3	251	17	3.2	0.0
23/10/2023 02:10	2.7	253	15	3.8	0.0
23/10/2023 02:20	2.8	252	14	4.0	0.0
23/10/2023 02:30	3.0	257	15	4.8	0.0
23/10/2023 02:40	3.2	253	12	4.4	0.0
23/10/2023 02:50	3.0	259	18	4.2	0.0
23/10/2023 03:00	3.5	259	13	5.0	0.0
23/10/2023 03:10	3.7	258	14	5.2	0.0
23/10/2023 03:20	3.5	258	13	4.7	0.0
23/10/2023 03:30	2.8	255	16	4.0	0.0
23/10/2023 03:40	1.8	256	21	3.2	0.0
23/10/2023 03:50	1.6	242	33	2.4	0.0
23/10/2023 04:00	2.8	265	16	4.0	0.0
23/10/2023 04:10	3.0	265	15	4.3	0.0
23/10/2023 04:20	2.9	262	16	4.4	0.0
23/10/2023 04:30	3.0	262	16	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 04:40	3.5	262	13	4.6	0.0
23/10/2023 04:50	3.1	263	15	4.1	0.0
23/10/2023 05:00	3.1	258	14	4.4	0.0
23/10/2023 05:10	2.6	252	17	3.7	0.0
23/10/2023 05:20	2.2	276	20	3.6	0.0
23/10/2023 05:30	1.9	282	21	2.8	0.0
23/10/2023 05:40	1.7	268	20	2.8	0.0
23/10/2023 05:50	1.2	267	27	2.0	0.0
23/10/2023 06:00	0.7	234	17	1.8	0.0
23/10/2023 06:10	1.6	269	17	2.4	0.0
23/10/2023 06:20	0.4	74	42	1.0	0.0
23/10/2023 06:30	0.0	247	5	0.5	0.0
23/10/2023 06:40	0.0	293	8	0.7	0.0
23/10/2023 06:50	0.4	344	13	1.0	0.0
23/10/2023 07:00	0.6	198	23	1.3	0.0
23/10/2023 07:10	0.4	104	29	1.2	0.0
23/10/2023 07:20	0.9	230	20	1.9	0.0
23/10/2023 07:30	1.3	222	37	2.4	0.0
23/10/2023 07:40	1.3	178	38	2.0	0.0
23/10/2023 07:50	1.1	161	34	1.9	0.0
23/10/2023 08:00	1.6	152	33	2.8	0.0
23/10/2023 08:10	1.6	153	26	2.8	0.0
23/10/2023 08:20	1.3	121	26	2.1	0.0
23/10/2023 08:30	1.5	120	27	2.4	0.0
23/10/2023 08:40	1.6	138	31	2.4	0.0
23/10/2023 08:50	1.3	122	36	2.3	0.0
23/10/2023 09:00	1.4	121	30	2.4	0.0
23/10/2023 09:10	1.4	113	36	2.4	0.0
23/10/2023 09:20	1.6	92	30	2.6	0.0
23/10/2023 09:30	1.4	122	38	2.4	0.0
23/10/2023 09:40	1.4	132	32	2.4	0.0
23/10/2023 09:50	1.5	152	28	2.4	0.0
23/10/2023 10:00	1.3	170	49	2.6	0.0
23/10/2023 10:10	1.4	123	34	2.1	0.0
23/10/2023 10:20	1.4	144	47	2.4	0.0
23/10/2023 10:30	1.2	106	42	2.2	0.0
23/10/2023 10:40	1.6	165	32	3.2	0.0
23/10/2023 10:50	1.5	126	35	3.0	0.0
23/10/2023 11:00	1.4	139	43	2.7	0.0
23/10/2023 11:10	1.3	133	42	2.4	0.0
23/10/2023 11:20	1.6	163	41	2.5	0.0
23/10/2023 11:30	1.5	151	42	2.9	0.0
23/10/2023 11:40	1.2	163	63	2.3	0.0
23/10/2023 11:50	1.4	161	53	2.5	0.0
23/10/2023 12:00	1.4	163	50	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 12:10	1.3	135	51	2.6	0.0
23/10/2023 12:20	1.3	80	71	2.4	0.0
23/10/2023 12:30	2.0	219	40	4.0	0.0
23/10/2023 12:40	2.2	335	28	3.6	0.0
23/10/2023 12:50	2.5	329	25	4.3	0.0
23/10/2023 13:00	2.7	330	26	4.4	0.0
23/10/2023 13:10	2.9	330	27	4.2	0.0
23/10/2023 13:20	3.0	321	20	4.5	0.0
23/10/2023 13:30	3.1	320	24	4.3	0.0
23/10/2023 13:40	3.4	337	19	5.3	0.0
23/10/2023 13:50	2.8	332	27	4.8	0.0
23/10/2023 14:00	2.6	330	41	5.1	0.0
23/10/2023 14:10	2.6	311	38	5.0	0.0
23/10/2023 14:20	3.2	269	31	4.7	0.0
23/10/2023 14:30	2.8	268	29	4.3	0.0
23/10/2023 14:40	3.0	265	32	4.8	0.0
23/10/2023 14:50	2.7	281	42	4.6	0.0
23/10/2023 15:00	2.7	278	34	5.0	0.0
23/10/2023 15:10	2.4	298	37	4.4	0.0
23/10/2023 15:20	2.9	280	39	4.4	0.0
23/10/2023 15:30	2.5	278	36	4.4	0.0
23/10/2023 15:40	2.7	279	39	4.8	0.0
23/10/2023 15:50	3.1	267	26	4.9	0.0
23/10/2023 16:00	2.8	265	32	5.1	0.0
23/10/2023 16:10	2.8	262	26	4.8	0.0
23/10/2023 16:20	3.4	253	18	5.4	0.0
23/10/2023 16:30	3.5	258	19	5.2	0.0
23/10/2023 16:40	3.9	252	15	5.8	0.0
23/10/2023 16:50	3.2	253	17	4.9	0.0
23/10/2023 17:00	3.7	252	21	5.2	0.0
23/10/2023 17:10	4.6	254	18	7.4	0.0
23/10/2023 17:20	3.5	259	21	5.5	0.0
23/10/2023 17:30	3.0	262	23	5.1	0.0
23/10/2023 17:40	3.8	261	19	6.0	0.0
23/10/2023 17:50	4.6	254	18	7.0	0.0
23/10/2023 18:00	4.2	254	16	6.3	0.0
23/10/2023 18:10	3.5	258	19	5.7	0.0
23/10/2023 18:20	3.8	260	17	5.6	0.0
23/10/2023 18:30	3.5	259	18	5.4	0.0
23/10/2023 18:40	3.4	258	19	5.5	0.0
23/10/2023 18:50	3.6	260	18	5.2	0.0
23/10/2023 19:00	3.7	261	21	5.3	0.0
23/10/2023 19:10	3.5	264	20	5.5	0.0
23/10/2023 19:20	3.5	263	21	5.6	0.0
23/10/2023 19:30	4.1	254	18	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 19:40	3.4	261	19	5.9	0.0
23/10/2023 19:50	2.6	279	31	4.8	0.0
23/10/2023 20:00	3.8	268	22	6.0	0.0
23/10/2023 20:10	3.8	263	21	5.7	0.0
23/10/2023 20:20	3.6	259	20	5.5	0.0
23/10/2023 20:30	3.3	258	16	5.2	0.0
23/10/2023 20:40	3.6	260	14	5.0	0.0
23/10/2023 20:50	3.3	256	18	4.7	0.0
23/10/2023 21:00	3.3	263	19	4.8	0.0
23/10/2023 21:10	3.4	259	16	4.7	0.0
23/10/2023 21:20	3.3	260	17	4.8	0.0
23/10/2023 21:30	3.3	261	14	5.2	0.0
23/10/2023 21:40	3.2	259	19	5.0	0.0
23/10/2023 21:50	3.1	252	19	4.0	0.0
23/10/2023 22:00	3.0	255	15	4.6	0.0
23/10/2023 22:10	3.2	259	16	4.7	0.0
23/10/2023 22:20	3.0	258	14	4.4	0.0
23/10/2023 22:30	3.1	259	17	4.8	0.0
23/10/2023 22:40	2.7	257	16	4.1	0.0
23/10/2023 22:50	3.5	260	15	4.9	0.0
23/10/2023 23:00	3.2	260	13	4.8	0.0
23/10/2023 23:10	3.6	260	12	5.0	0.0
23/10/2023 23:20	3.5	257	14	4.8	0.0
23/10/2023 23:30	3.6	259	11	4.9	0.0
23/10/2023 23:40	3.3	257	14	4.8	0.0
23/10/2023 23:50	3.4	261	15	5.0	0.0
24/10/2023 00:00	3.2	261	13	4.4	0.0
24/10/2023 00:10	3.3	268	14	4.4	0.0
24/10/2023 00:20	2.9	269	14	4.2	0.0
24/10/2023 00:30	2.9	270	18	4.0	0.0
24/10/2023 00:40	2.5	266	17	4.0	0.0
24/10/2023 00:50	2.4	261	17	3.6	0.0
24/10/2023 01:00	2.6	250	15	3.7	0.0
24/10/2023 01:10	3.1	257	16	4.0	0.0
24/10/2023 01:20	3.1	262	16	4.4	0.0
24/10/2023 01:30	3.3	271	17	4.8	0.0
24/10/2023 01:40	3.0	263	14	4.5	0.0
24/10/2023 01:50	2.5	253	18	3.8	0.0
24/10/2023 02:00	2.4	252	17	3.6	0.0
24/10/2023 02:10	2.6	247	18	3.9	0.0
24/10/2023 02:20	1.8	232	15	2.7	0.0
24/10/2023 02:30	1.8	237	18	2.7	0.0
24/10/2023 02:40	1.8	241	15	2.6	0.0
24/10/2023 02:50	2.0	227	19	2.9	0.0
24/10/2023 03:00	2.0	202	14	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 03:10	2.1	199	15	3.0	0.0
24/10/2023 03:20	2.3	199	16	3.3	0.0
24/10/2023 03:30	2.5	201	17	4.0	0.0
24/10/2023 03:40	2.5	203	14	3.5	0.0
24/10/2023 03:50	2.4	195	15	3.9	0.0
24/10/2023 04:00	2.7	191	17	4.0	0.0
24/10/2023 04:10	2.9	191	17	4.4	0.0
24/10/2023 04:20	2.2	182	23	3.4	0.0
24/10/2023 04:30	2.7	190	14	4.5	0.0
24/10/2023 04:40	2.5	191	14	3.7	0.0
24/10/2023 04:50	2.6	190	15	4.6	0.0
24/10/2023 05:00	2.2	187	16	3.7	0.0
24/10/2023 05:10	2.1	175	21	3.7	0.0
24/10/2023 05:20	1.8	175	24	3.2	0.0
24/10/2023 05:30	1.7	164	24	2.9	0.0
24/10/2023 05:40	2.0	164	22	3.5	0.0
24/10/2023 05:50	2.1	162	24	3.6	0.0
24/10/2023 06:00	2.3	171	25	3.9	0.0
24/10/2023 06:10	2.0	164	22	3.6	0.0
24/10/2023 06:20	1.9	162	24	3.2	0.0
24/10/2023 06:30	2.1	160	25	3.6	0.0
24/10/2023 06:40	2.0	144	30	3.6	0.0
24/10/2023 06:50	1.7	143	30	2.9	0.0
24/10/2023 07:00	1.7	139	32	2.9	0.0
24/10/2023 07:10	1.7	152	21	3.2	0.0
24/10/2023 07:20	1.6	156	27	2.8	0.0
24/10/2023 07:30	2.0	159	24	3.2	0.0
24/10/2023 07:40	2.1	170	25	3.9	0.0
24/10/2023 07:50	1.8	167	27	2.9	0.0
24/10/2023 08:00	1.6	165	28	2.6	0.0
24/10/2023 08:10	1.8	150	25	3.3	0.0
24/10/2023 08:20	1.7	135	32	3.0	0.0
24/10/2023 08:30	1.9	129	28	3.1	0.0
24/10/2023 08:40	2.0	129	31	3.4	0.0
24/10/2023 08:50	1.7	119	25	2.7	0.0
24/10/2023 09:00	1.9	126	26	3.1	0.0
24/10/2023 09:10	2.0	130	29	2.8	0.0
24/10/2023 09:20	1.9	132	27	2.9	0.0
24/10/2023 09:30	2.1	121	30	3.5	0.0
24/10/2023 09:40	2.1	108	27	3.2	0.0
24/10/2023 09:50	2.1	109	25	3.5	0.0
24/10/2023 10:00	2.1	103	30	4.1	0.0
24/10/2023 10:10	2.4	93	32	3.7	0.0
24/10/2023 10:20	2.4	92	28	4.0	0.0
24/10/2023 10:30	2.5	85	22	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 10:40	2.3	80	23	3.3	0.0
24/10/2023 10:50	2.5	84	25	3.8	0.0
24/10/2023 11:00	2.6	58	24	4.0	0.0
24/10/2023 11:10	2.6	62	22	4.1	0.0
24/10/2023 11:20	2.6	68	23	4.4	0.0
24/10/2023 11:30	2.7	62	21	3.9	0.0
24/10/2023 11:40	2.6	63	24	4.0	0.0
24/10/2023 11:50	2.9	61	21	4.5	0.0
24/10/2023 12:00	3.0	52	18	4.7	0.0
24/10/2023 12:10	2.5	67	23	4.0	0.0
24/10/2023 12:20	2.8	66	22	4.3	0.0
24/10/2023 12:30	2.6	63	23	4.1	0.0
24/10/2023 12:40	2.8	62	21	4.2	0.0
24/10/2023 12:50	2.7	54	24	4.4	0.0
24/10/2023 13:00	2.8	60	23	4.2	0.0
24/10/2023 13:10	2.7	60	22	4.0	0.0
24/10/2023 13:20	2.6	67	22	3.9	0.0
24/10/2023 13:30	2.8	62	20	4.3	0.0
24/10/2023 13:40	2.5	62	23	4.2	0.0
24/10/2023 13:50	2.5	61	21	4.0	0.0
24/10/2023 14:00	2.4	54	21	4.8	0.0
24/10/2023 14:10	2.4	67	23	3.4	0.0
24/10/2023 14:20	2.5	61	23	3.7	0.0
24/10/2023 14:30	2.0	45	44	3.4	0.0
24/10/2023 14:40	2.5	342	35	4.9	0.0
24/10/2023 14:50	2.6	331	30	4.0	0.0
24/10/2023 15:00	2.9	335	30	4.8	0.0
24/10/2023 15:10	2.6	342	30	4.0	0.0
24/10/2023 15:20	2.7	325	27	4.5	0.0
24/10/2023 15:30	2.6	309	42	4.0	0.0
24/10/2023 15:40	2.7	320	23	4.0	0.0
24/10/2023 15:50	2.2	308	42	3.7	0.0
24/10/2023 16:00	2.6	316	28	4.2	0.0
24/10/2023 16:10	2.7	324	28	4.4	0.0
24/10/2023 16:20	2.5	307	35	4.4	0.0
24/10/2023 16:30	2.7	309	35	4.8	0.0
24/10/2023 16:40	3.0	322	24	4.8	0.0
24/10/2023 16:50	2.4	308	34	4.0	0.0
24/10/2023 17:00	2.3	300	39	3.8	0.0
24/10/2023 17:10	2.1	282	38	3.8	0.0
24/10/2023 17:20	2.6	260	23	4.0	0.0
24/10/2023 17:30	2.3	266	28	3.9	0.0
24/10/2023 17:40	2.2	272	32	4.0	0.0
24/10/2023 17:50	2.2	275	36	4.0	0.0
24/10/2023 18:00	1.9	285	40	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 18:10	1.8	282	43	3.2	0.0
24/10/2023 18:20	1.7	279	36	2.8	0.0
24/10/2023 18:30	2.2	275	29	4.0	0.0
24/10/2023 18:40	2.1	255	20	3.3	0.0
24/10/2023 18:50	2.2	253	19	3.5	0.0
24/10/2023 19:00	1.9	262	27	2.8	0.0
24/10/2023 19:10	2.0	256	20	3.6	0.0
24/10/2023 19:20	3.2	251	17	5.6	0.0
24/10/2023 19:30	3.9	245	17	6.4	0.0
24/10/2023 19:40	4.0	248	17	5.9	0.0
24/10/2023 19:50	3.8	249	16	5.5	0.0
24/10/2023 20:00	4.1	248	17	6.1	0.0
24/10/2023 20:10	3.6	250	16	5.6	0.0
24/10/2023 20:20	3.4	253	16	4.8	0.0
24/10/2023 20:30	3.4	259	17	5.2	0.0
24/10/2023 20:40	3.5	256	15	5.5	0.0
24/10/2023 20:50	3.3	258	16	4.8	0.0
24/10/2023 21:00	3.4	257	16	4.9	0.0
24/10/2023 21:10	3.2	260	17	5.1	0.0
24/10/2023 21:20	3.1	257	16	5.1	0.0
24/10/2023 21:30	3.3	257	16	5.1	0.0
24/10/2023 21:40	3.7	259	15	5.5	0.0
24/10/2023 21:50	4.0	257	14	5.3	0.0
24/10/2023 22:00	3.7	259	15	5.4	0.0
24/10/2023 22:10	3.7	253	16	5.5	0.0
24/10/2023 22:20	3.5	253	15	4.8	0.0
24/10/2023 22:30	4.0	258	15	5.8	0.0
24/10/2023 22:40	3.9	253	17	5.6	0.0
24/10/2023 22:50	3.7	257	17	5.5	0.0
24/10/2023 23:00	3.6	254	16	5.0	0.0
24/10/2023 23:10	3.5	256	16	5.3	0.0
24/10/2023 23:20	3.7	253	15	5.4	0.0
24/10/2023 23:30	3.9	252	15	5.8	0.0
24/10/2023 23:40	3.2	250	16	4.6	0.0
24/10/2023 23:50	3.8	255	17	5.6	0.0
25/10/2023 00:00	3.6	254	15	5.3	0.0
25/10/2023 00:10	3.8	259	17	5.3	0.0
25/10/2023 00:20	3.8	254	14	5.4	0.0
25/10/2023 00:30	3.9	254	17	5.6	0.0
25/10/2023 00:40	3.0	253	20	4.8	0.0
25/10/2023 00:50	3.2	252	17	5.2	0.0
25/10/2023 01:00	3.2	255	17	4.6	0.0
25/10/2023 01:10	3.3	256	15	4.8	0.0
25/10/2023 01:20	3.5	256	17	4.8	0.0
25/10/2023 01:30	3.4	257	15	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 01:40	3.1	253	15	4.5	0.0
25/10/2023 01:50	3.3	252	16	4.5	0.0
25/10/2023 02:00	2.9	257	15	4.5	0.0
25/10/2023 02:10	2.4	259	18	3.9	0.0
25/10/2023 02:20	2.5	252	15	3.5	0.0
25/10/2023 02:30	2.2	257	16	3.6	0.0
25/10/2023 02:40	2.4	261	14	3.3	0.0
25/10/2023 02:50	2.0	272	20	3.1	0.0
25/10/2023 03:00	2.2	285	21	3.2	0.0
25/10/2023 03:10	2.1	281	23	3.6	0.0
25/10/2023 03:20	2.2	285	24	3.6	0.0
25/10/2023 03:30	2.2	293	23	4.0	0.0
25/10/2023 03:40	2.3	266	24	4.0	0.0
25/10/2023 03:50	2.7	271	22	3.7	0.0
25/10/2023 04:00	2.6	275	21	3.6	0.0
25/10/2023 04:10	2.5	273	19	3.6	0.0
25/10/2023 04:20	2.6	277	22	4.4	0.0
25/10/2023 04:30	2.0	268	19	3.2	0.0
25/10/2023 04:40	1.9	266	20	2.9	0.0
25/10/2023 04:50	2.2	272	13	3.0	0.0
25/10/2023 05:00	2.0	263	15	3.1	0.0
25/10/2023 05:10	2.0	263	13	3.2	0.0
25/10/2023 05:20	2.1	276	18	3.2	0.0
25/10/2023 05:30	1.9	268	18	2.8	0.0
25/10/2023 05:40	2.1	261	22	2.9	0.0
25/10/2023 05:50	1.9	264	19	3.1	0.0
25/10/2023 06:00	2.1	265	20	3.3	0.0
25/10/2023 06:10	1.0	243	29	2.2	0.0
25/10/2023 06:20	0.5	294	28	1.2	0.0
25/10/2023 06:30	0.7	318	22	1.2	0.0
25/10/2023 06:40	0.9	239	37	1.6	0.0
25/10/2023 06:50	1.5	200	27	2.6	0.0
25/10/2023 07:00	2.8	186	18	4.2	0.0
25/10/2023 07:10	2.6	175	25	4.4	0.0
25/10/2023 07:20	2.7	175	26	4.4	0.0
25/10/2023 07:30	2.7	161	28	4.3	0.0
25/10/2023 07:40	2.2	158	26	3.8	0.0
25/10/2023 07:50	2.4	145	30	4.0	0.0
25/10/2023 08:00	2.4	138	29	4.0	0.0
25/10/2023 08:10	2.5	129	29	4.0	0.0
25/10/2023 08:20	2.3	130	30	4.0	0.0
25/10/2023 08:30	2.3	128	28	3.6	0.0
25/10/2023 08:40	2.4	123	24	3.5	0.0
25/10/2023 08:50	2.6	116	30	4.4	0.0
25/10/2023 09:00	2.8	122	27	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 09:10	2.9	109	29	4.3	0.0
25/10/2023 09:20	2.8	104	33	4.8	0.0
25/10/2023 09:30	2.6	97	25	4.1	0.0
25/10/2023 09:40	2.8	89	25	4.4	0.0
25/10/2023 09:50	2.7	86	22	4.4	0.0
25/10/2023 10:00	2.8	93	25	4.5	0.0
25/10/2023 10:10	2.9	83	26	4.3	0.0
25/10/2023 10:20	3.0	88	25	4.4	0.0
25/10/2023 10:30	2.6	85	25	5.0	0.0
25/10/2023 10:40	2.8	84	25	4.2	0.0
25/10/2023 10:50	3.0	60	20	5.3	0.0
25/10/2023 11:00	3.3	62	23	5.2	0.0
25/10/2023 11:10	3.6	57	21	5.5	0.0
25/10/2023 11:20	3.6	63	19	6.0	0.0
25/10/2023 11:30	3.4	62	21	5.2	0.0
25/10/2023 11:40	3.4	67	22	5.2	0.0
25/10/2023 11:50	3.6	63	20	5.6	0.0
25/10/2023 12:00	3.6	55	22	6.4	0.0
25/10/2023 12:10	3.4	60	19	5.5	0.0
25/10/2023 12:20	3.7	58	18	5.2	0.0
25/10/2023 12:30	3.6	55	23	5.6	0.0
25/10/2023 12:40	3.4	53	23	5.0	0.0
25/10/2023 12:50	3.3	53	20	5.0	0.0
25/10/2023 13:00	3.2	54	20	4.8	0.0
25/10/2023 13:10	3.2	61	22	4.6	0.0
25/10/2023 13:20	3.4	63	20	5.0	0.0
25/10/2023 13:30	3.3	63	21	5.2	0.0
25/10/2023 13:40	3.1	56	22	4.8	0.0
25/10/2023 13:50	3.0	60	22	4.5	0.0
25/10/2023 14:00	3.3	52	21	5.0	0.0
25/10/2023 14:10	3.0	52	22	5.3	0.0
25/10/2023 14:20	3.1	53	21	5.4	0.0
25/10/2023 14:30	2.8	58	21	4.3	0.0
25/10/2023 14:40	3.0	62	21	4.4	0.0
25/10/2023 14:50	2.7	65	21	4.1	0.0
25/10/2023 15:00	2.9	58	23	4.7	0.0
25/10/2023 15:10	2.6	66	22	4.4	0.0
25/10/2023 15:20	2.3	44	29	3.7	0.0
25/10/2023 15:30	2.6	12	29	4.4	0.0
25/10/2023 15:40	2.4	22	31	4.1	0.0
25/10/2023 15:50	2.5	20	29	4.2	0.0
25/10/2023 16:00	3.2	182	24	4.9	0.0
25/10/2023 16:10	3.0	8	26	4.5	0.0
25/10/2023 16:20	3.2	10	26	5.1	0.0
25/10/2023 16:30	3.1	13	22	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 16:40	3.0	14	28	5.0	0.0
25/10/2023 16:50	3.1	12	25	4.8	0.0
25/10/2023 17:00	3.3	10	25	5.0	0.0
25/10/2023 17:10	3.0	12	27	4.4	0.0
25/10/2023 17:20	2.5	10	27	4.4	0.0
25/10/2023 17:30	2.6	11	26	3.8	0.0
25/10/2023 17:40	2.7	258	43	4.8	0.0
25/10/2023 17:50	2.8	260	26	4.7	0.0
25/10/2023 18:00	2.8	258	25	4.8	0.0
25/10/2023 18:10	2.6	268	29	3.8	0.0
25/10/2023 18:20	2.6	260	21	4.0	0.0
25/10/2023 18:30	3.1	252	17	4.4	0.0
25/10/2023 18:40	3.3	246	15	5.2	0.0
25/10/2023 18:50	3.7	247	17	5.7	0.0
25/10/2023 19:00	3.7	242	18	5.5	0.0
25/10/2023 19:10	3.3	249	16	5.2	0.0
25/10/2023 19:20	3.4	252	17	5.0	0.0
25/10/2023 19:30	3.7	252	18	5.6	0.0
25/10/2023 19:40	3.0	244	18	4.4	0.0
25/10/2023 19:50	3.1	248	19	4.8	0.0
25/10/2023 20:00	3.1	248	15	4.6	0.0
25/10/2023 20:10	3.1	245	17	4.5	0.0
25/10/2023 20:20	3.2	239	14	4.8	0.0
25/10/2023 20:30	2.9	241	15	4.4	0.0
25/10/2023 20:40	2.8	250	17	4.2	0.0
25/10/2023 20:50	3.1	254	14	4.3	0.0
25/10/2023 21:00	2.9	254	15	4.4	0.0
25/10/2023 21:10	3.2	254	12	4.3	0.0
25/10/2023 21:20	2.6	258	17	3.7	0.0
25/10/2023 21:30	2.8	259	16	4.2	0.0
25/10/2023 21:40	3.3	254	16	4.4	0.0
25/10/2023 21:50	2.2	264	20	3.6	0.0
25/10/2023 22:00	2.1	262	20	3.4	0.0
25/10/2023 22:10	3.4	259	20	4.9	0.0
25/10/2023 22:20	3.0	258	16	4.7	0.0
25/10/2023 22:30	2.5	259	16	3.6	0.0
25/10/2023 22:40	2.9	257	17	3.9	0.0
25/10/2023 22:50	2.9	257	14	4.1	0.0
25/10/2023 23:00	2.7	260	17	4.1	0.0
25/10/2023 23:10	2.8	261	17	3.9	0.0
25/10/2023 23:20	2.9	261	16	4.3	0.0
25/10/2023 23:30	2.9	260	13	4.1	0.0
25/10/2023 23:40	2.9	258	17	4.1	0.0
25/10/2023 23:50	3.2	258	12	4.5	0.0
26/10/2023 00:00	3.1	261	15	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 00:10	2.6	255	15	4.0	0.0
26/10/2023 00:20	2.8	253	15	4.0	0.0
26/10/2023 00:30	2.9	259	16	4.4	0.0
26/10/2023 00:40	3.0	252	18	4.6	0.0
26/10/2023 00:50	2.7	247	15	4.0	0.0
26/10/2023 01:00	2.8	244	17	4.1	0.0
26/10/2023 01:10	3.3	236	18	4.5	0.0
26/10/2023 01:20	3.1	242	15	4.4	0.0
26/10/2023 01:30	3.0	251	20	4.3	0.0
26/10/2023 01:40	2.9	246	19	4.4	0.0
26/10/2023 01:50	3.0	246	18	4.5	0.0
26/10/2023 02:00	2.3	241	21	3.6	0.0
26/10/2023 02:10	2.5	244	19	3.8	0.0
26/10/2023 02:20	2.8	249	16	4.4	0.0
26/10/2023 02:30	2.4	249	17	3.6	0.0
26/10/2023 02:40	2.6	245	15	4.1	0.0
26/10/2023 02:50	2.6	246	18	4.1	0.0
26/10/2023 03:00	2.2	242	16	3.2	0.0
26/10/2023 03:10	1.9	241	16	2.8	0.0
26/10/2023 03:20	2.0	245	18	3.2	0.0
26/10/2023 03:30	2.8	243	16	4.1	0.0
26/10/2023 03:40	3.3	238	17	4.8	0.0
26/10/2023 03:50	3.0	236	15	4.6	0.0
26/10/2023 04:00	2.7	237	18	4.0	0.0
26/10/2023 04:10	3.0	232	16	4.4	0.0
26/10/2023 04:20	2.3	236	17	3.6	0.0
26/10/2023 04:30	2.0	227	19	3.2	0.0
26/10/2023 04:40	1.6	248	15	2.2	0.0
26/10/2023 04:50	2.1	248	11	2.8	0.0
26/10/2023 05:00	2.1	238	14	3.1	0.0
26/10/2023 05:10	2.3	243	11	3.2	0.0
26/10/2023 05:20	1.9	242	13	2.9	0.0
26/10/2023 05:30	2.0	246	15	2.6	0.0
26/10/2023 05:40	1.4	215	40	2.0	0.0
26/10/2023 05:50	0.3	191	28	1.2	0.0
26/10/2023 06:00	0.1	206	7	0.6	0.0
26/10/2023 06:10	0.1	136	8	0.9	0.0
26/10/2023 06:20	0.1	146	8	1.1	0.0
26/10/2023 06:30	0.8	103	23	1.3	0.0
26/10/2023 06:40	0.9	123	31	1.6	0.0
26/10/2023 06:50	1.3	124	27	2.4	0.0
26/10/2023 07:00	1.0	115	26	2.0	0.0
26/10/2023 07:10	1.4	111	26	2.4	0.0
26/10/2023 07:20	1.4	107	27	2.4	0.0
26/10/2023 07:30	1.6	105	34	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 07:40	1.9	107	26	3.0	0.0
26/10/2023 07:50	2.0	113	33	3.2	0.0
26/10/2023 08:00	2.2	111	24	3.2	0.0
26/10/2023 08:10	1.9	109	28	3.0	0.0
26/10/2023 08:20	2.2	99	27	3.2	0.0
26/10/2023 08:30	2.5	101	30	3.9	0.0
26/10/2023 08:40	2.8	105	28	5.0	0.0
26/10/2023 08:50	2.7	99	31	4.0	0.0
26/10/2023 09:00	2.4	99	27	4.0	0.0
26/10/2023 09:10	2.7	89	20	4.1	0.0
26/10/2023 09:20	2.8	82	25	4.4	0.0
26/10/2023 09:30	3.3	84	24	4.9	0.0
26/10/2023 09:40	3.3	72	21	5.1	0.0
26/10/2023 09:50	2.9	66	24	4.7	0.0
26/10/2023 10:00	3.6	77	23	6.4	0.0
26/10/2023 10:10	3.7	79	25	6.8	0.0
26/10/2023 10:20	3.6	81	27	6.0	0.0
26/10/2023 10:30	3.4	77	22	5.2	0.0
26/10/2023 10:40	3.4	78	24	5.7	0.0
26/10/2023 10:50	3.4	60	23	5.4	0.0
26/10/2023 11:00	3.9	56	22	6.6	0.0
26/10/2023 11:10	3.7	57	24	6.0	0.0
26/10/2023 11:20	3.8	58	25	5.9	0.0
26/10/2023 11:30	4.0	59	21	5.9	0.0
26/10/2023 11:40	3.5	69	21	5.3	0.0
26/10/2023 11:50	3.6	62	22	5.6	0.0
26/10/2023 12:00	3.3	63	27	5.3	0.0
26/10/2023 12:10	3.4	73	24	5.2	0.0
26/10/2023 12:20	3.2	69	24	5.1	0.0
26/10/2023 12:30	3.0	69	25	5.0	0.0
26/10/2023 12:40	3.1	66	22	4.8	0.0
26/10/2023 12:50	3.0	70	22	4.8	0.0
26/10/2023 13:00	2.9	69	25	5.2	0.0
26/10/2023 13:10	2.5	64	25	3.8	0.0
26/10/2023 13:20	2.7	61	26	4.4	0.0
26/10/2023 13:30	2.7	61	24	4.6	0.0
26/10/2023 13:40	2.6	65	21	3.9	0.0
26/10/2023 13:50	2.6	66	25	4.4	0.0
26/10/2023 14:00	2.4	69	23	4.2	0.0
26/10/2023 14:10	2.3	63	24	3.5	0.0
26/10/2023 14:20	2.5	55	21	4.0	0.0
26/10/2023 14:30	3.0	54	24	4.7	0.0
26/10/2023 14:40	2.7	63	23	4.1	0.0
26/10/2023 14:50	2.7	60	23	4.3	0.0
26/10/2023 15:00	2.8	58	22	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 15:10	2.9	65	23	4.8	0.0
26/10/2023 15:20	2.8	68	23	4.4	0.0
26/10/2023 15:30	2.8	65	23	4.5	0.0
26/10/2023 15:40	2.9	55	22	5.0	0.0
26/10/2023 15:50	2.8	56	21	4.7	0.0
26/10/2023 16:00	2.9	56	22	4.7	0.0
26/10/2023 16:10	2.8	57	21	4.1	0.0
26/10/2023 16:20	2.6	54	21	4.0	0.0
26/10/2023 16:30	2.6	56	21	4.0	0.0
26/10/2023 16:40	2.4	49	23	3.8	0.0
26/10/2023 16:50	2.4	54	20	4.0	0.0
26/10/2023 17:00	2.3	58	18	3.6	0.0
26/10/2023 17:10	1.7	57	20	2.6	0.0
26/10/2023 17:20	1.7	61	18	2.6	0.0
26/10/2023 17:30	1.5	58	15	2.1	0.0
26/10/2023 17:40	2.0	51	16	3.1	0.0
26/10/2023 17:50	1.7	57	15	2.8	0.0
26/10/2023 18:00	1.7	52	19	2.6	0.0
26/10/2023 18:10	1.5	49	20	2.5	0.0
26/10/2023 18:20	0.7	68	17	1.2	0.0
26/10/2023 18:30	0.2	166	12	0.6	0.0
26/10/2023 18:40	1.1	259	43	1.6	0.0
26/10/2023 18:50	0.4	242	12	1.2	0.0
26/10/2023 19:00	0.3	281	15	0.8	0.0
26/10/2023 19:10	0.6	297	24	1.2	0.0
26/10/2023 19:20	0.6	155	8	1.3	0.0
26/10/2023 19:30	2.3	250	12	3.5	0.0
26/10/2023 19:40	2.1	244	13	3.1	0.0
26/10/2023 19:50	2.6	247	12	3.6	0.0
26/10/2023 20:00	3.5	253	15	5.0	0.0
26/10/2023 20:10	3.3	251	15	4.8	0.0
26/10/2023 20:20	3.6	250	17	5.3	0.0
26/10/2023 20:30	2.7	247	17	4.2	0.0
26/10/2023 20:40	2.6	248	17	3.9	0.0
26/10/2023 20:50	2.4	240	18	3.4	0.0
26/10/2023 21:00	2.4	248	19	3.8	0.0
26/10/2023 21:10	2.0	246	20	3.2	0.0
26/10/2023 21:20	2.0	248	21	3.0	0.0
26/10/2023 21:30	2.0	250	20	3.1	0.0
26/10/2023 21:40	2.1	251	20	3.6	0.0
26/10/2023 21:50	2.3	251	16	3.2	0.0
26/10/2023 22:00	2.2	252	14	3.0	0.0
26/10/2023 22:10	2.4	256	14	3.2	0.0
26/10/2023 22:20	2.4	258	14	3.3	0.0
26/10/2023 22:30	2.0	260	16	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 22:40	2.2	259	17	3.1	0.0
26/10/2023 22:50	2.3	258	18	3.4	0.0
26/10/2023 23:00	2.2	263	18	3.2	0.0
26/10/2023 23:10	1.9	261	19	2.8	0.0
26/10/2023 23:20	1.9	249	17	3.0	0.0
26/10/2023 23:30	2.0	253	15	2.8	0.0
26/10/2023 23:40	1.8	253	18	2.6	0.0
26/10/2023 23:50	1.4	248	21	2.1	0.0
27/10/2023 00:00	1.8	247	17	2.9	0.0
27/10/2023 00:10	1.5	255	15	2.5	0.0
27/10/2023 00:20	1.7	245	18	2.5	0.0
27/10/2023 00:30	1.6	234	20	2.5	0.0
27/10/2023 00:40	2.1	248	16	2.8	0.0
27/10/2023 00:50	2.0	247	17	3.2	0.0
27/10/2023 01:00	1.8	243	17	2.5	0.0
27/10/2023 01:10	2.0	240	17	3.0	0.0
27/10/2023 01:20	2.0	239	18	2.9	0.0
27/10/2023 01:30	1.7	225	18	2.8	0.0
27/10/2023 01:40	1.9	229	20	2.8	0.0
27/10/2023 01:50	1.5	242	21	2.2	0.0
27/10/2023 02:00	1.5	251	53	2.8	0.0
27/10/2023 02:10	1.3	277	45	2.6	0.0
27/10/2023 02:20	0.7	328	59	2.0	0.0
27/10/2023 02:30	0.9	175	62	3.0	0.0
27/10/2023 02:40	1.0	195	55	2.3	0.0
27/10/2023 02:50	1.3	291	24	1.9	0.0
27/10/2023 03:00	1.1	289	31	1.8	0.0
27/10/2023 03:10	0.9	351	32	1.5	0.0
27/10/2023 03:20	0.6	209	45	1.4	0.0
27/10/2023 03:30	0.3	25	34	0.9	0.0
27/10/2023 03:40	1.1	44	27	1.8	0.0
27/10/2023 03:50	1.3	43	20	2.0	0.0
27/10/2023 04:00	0.9	53	25	1.4	0.0
27/10/2023 04:10	0.9	53	23	1.4	0.0
27/10/2023 04:20	0.9	57	21	1.5	0.0
27/10/2023 04:30	0.2	64	14	0.8	0.0
27/10/2023 04:40	0.4	65	18	0.9	0.0
27/10/2023 04:50	0.7	56	20	1.2	0.0
27/10/2023 05:00	0.7	52	25	1.3	0.0
27/10/2023 05:10	1.0	50	24	1.6	0.0
27/10/2023 05:20	0.1	51	12	0.5	0.0
27/10/2023 05:30	0.3	44	13	0.7	0.0
27/10/2023 05:40	0.2	41	6	0.6	0.0
27/10/2023 05:50	0.1	37	9	0.6	0.0
27/10/2023 06:00	0.0	4	6	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 06:10	0.6	39	12	1.5	0.0
27/10/2023 06:20	0.0	21	0	0.4	0.0
27/10/2023 06:30					0.0
27/10/2023 06:40	0.5	87	21	1.1	0.0
27/10/2023 06:50	0.7	95	22	1.5	0.0
27/10/2023 07:00	1.1	93	20	1.7	0.0
27/10/2023 07:10	1.2	82	18	2.1	0.0
27/10/2023 07:20	1.2	96	20	2.0	0.0
27/10/2023 07:30	1.6	98	24	2.5	0.0
27/10/2023 07:40	1.8	102	25	2.8	0.0
27/10/2023 07:50	1.8	107	29	2.9	0.0
27/10/2023 08:00	1.8	122	30	2.8	0.0
27/10/2023 08:10	2.0	113	31	3.6	0.0
27/10/2023 08:20	2.0	96	24	3.1	0.0
27/10/2023 08:30	1.9	100	26	2.9	0.0
27/10/2023 08:40	1.9	103	27	2.8	0.0
27/10/2023 08:50	1.7	107	27	2.8	0.0
27/10/2023 09:00	1.7	107	25	2.6	0.0
27/10/2023 09:10	1.5	108	30	2.7	0.0
27/10/2023 09:20	1.4	101	30	2.2	0.0
27/10/2023 09:30	1.8	105	33	2.8	0.0
27/10/2023 09:40	2.1	91	27	3.4	0.0
27/10/2023 09:50	2.2	86	19	3.6	0.0
27/10/2023 10:00	2.2	81	27	3.6	0.0
27/10/2023 10:10	2.5	73	22	4.1	0.0
27/10/2023 10:20	2.7	85	23	4.4	0.0
27/10/2023 10:30	2.8	65	22	4.3	0.0
27/10/2023 10:40	3.0	66	22	4.3	0.0
27/10/2023 10:50	3.0	63	20	4.5	0.0
27/10/2023 11:00	2.8	67	22	4.8	0.0
27/10/2023 11:10	3.1	67	27	5.4	0.0
27/10/2023 11:20	3.4	80	23	5.2	0.0
27/10/2023 11:30	3.1	66	23	5.3	0.0
27/10/2023 11:40	3.5	76	25	5.4	0.0
27/10/2023 11:50	3.9	81	21	5.6	0.0
27/10/2023 12:00	3.2	78	23	4.9	0.0
27/10/2023 12:10	3.2	81	23	5.0	0.0
27/10/2023 12:20	3.3	80	22	5.8	0.0
27/10/2023 12:30	3.5	78	23	5.4	0.0
27/10/2023 12:40	3.2	77	20	5.7	0.0
27/10/2023 12:50	3.4	77	25	5.5	0.0
27/10/2023 13:00	3.4	75	20	5.3	0.0
27/10/2023 13:10	3.7	74	21	6.3	0.0
27/10/2023 13:20	3.3	72	24	5.3	0.0
27/10/2023 13:30	3.4	71	20	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 13:40	3.2	69	21	5.2	0.0
27/10/2023 13:50	3.4	66	21	4.8	0.0
27/10/2023 14:00	3.2	64	21	4.5	0.0
27/10/2023 14:10	3.4	66	21	5.2	0.0
27/10/2023 14:20	3.4	62	19	5.2	0.0
27/10/2023 14:30	3.4	67	21	5.4	0.0
27/10/2023 14:40	3.1	57	23	4.7	0.0
27/10/2023 14:50	3.3	66	20	4.7	0.0
27/10/2023 15:00	3.1	63	24	4.8	0.0
27/10/2023 15:10	3.1	58	22	5.4	0.0
27/10/2023 15:20	3.0	60	23	4.7	0.0
27/10/2023 15:30	3.0	61	22	5.1	0.0
27/10/2023 15:40	3.0	63	20	4.9	0.0
27/10/2023 15:50	3.0	56	20	4.7	0.0
27/10/2023 16:00	2.9	55	22	4.7	0.0
27/10/2023 16:10	2.7	59	21	4.0	0.0
27/10/2023 16:20	2.7	62	19	3.9	0.0
27/10/2023 16:30	2.9	58	19	4.5	0.0
27/10/2023 16:40	3.0	49	20	4.7	0.0
27/10/2023 16:50	2.7	54	19	4.4	0.0
27/10/2023 17:00	2.5	50	20	4.0	0.0
27/10/2023 17:10	2.1	58	19	2.8	0.0
27/10/2023 17:20	2.0	56	18	3.0	0.0
27/10/2023 17:30	1.8	46	18	3.1	0.0
27/10/2023 17:40	2.0	48	18	2.9	0.0
27/10/2023 17:50	2.2	54	15	3.5	0.0
27/10/2023 18:00	1.8	51	15	2.7	0.0
27/10/2023 18:10	1.5	49	20	2.2	0.0
27/10/2023 18:20	1.4	55	16	2.0	0.0
27/10/2023 18:30	1.3	57	11	1.9	0.0
27/10/2023 18:40	1.3	41	15	1.8	0.0
27/10/2023 18:50	1.4	38	18	2.2	0.0
27/10/2023 19:00	1.1	56	18	2.0	0.0
27/10/2023 19:10	0.7	136	44	1.6	0.0
27/10/2023 19:20	1.0	230	28	1.6	0.0
27/10/2023 19:30	1.4	242	11	1.7	0.0
27/10/2023 19:40	0.7	246	7	1.3	0.0
27/10/2023 19:50	0.5	152	23	1.1	0.0
27/10/2023 20:00	1.0	340	35	2.2	0.0
27/10/2023 20:10	2.4	331	18	3.7	0.0
27/10/2023 20:20	3.0	348	18	4.0	0.0
27/10/2023 20:30	2.2	178	25	3.2	0.0
27/10/2023 20:40	1.5	39	29	2.4	0.0
27/10/2023 20:50	1.1	55	20	1.7	0.0
27/10/2023 21:00	1.2	60	14	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 21:10	0.4	157	18	1.0	0.0
27/10/2023 21:20	0.0	286	0	0.4	0.0
27/10/2023 21:30					0.0
27/10/2023 21:40	0.2	339	3	1.1	0.0
27/10/2023 21:50	0.2	65	4	0.8	0.0
27/10/2023 22:00					0.0
27/10/2023 22:10					0.0
27/10/2023 22:20					0.0
27/10/2023 22:30	0.2	190	7	0.8	0.0
27/10/2023 22:40	0.7	34	9	1.2	0.0
27/10/2023 22:50	0.2	4	16	1.1	0.0
27/10/2023 23:00	0.3	36	5	0.8	0.0
27/10/2023 23:10	1.1	240	9	1.8	0.0
27/10/2023 23:20	1.0	236	13	1.8	0.0
27/10/2023 23:30	0.3	260	6	1.7	0.0
27/10/2023 23:40	0.2	213	5	0.7	0.0
27/10/2023 23:50					0.0
28/10/2023 00:00	0.1	47	5	0.6	0.0
28/10/2023 00:10					0.0
28/10/2023 00:20					0.0
28/10/2023 00:30	0.2	119	6	0.6	0.0
28/10/2023 00:40	0.4	48	16	1.1	0.0
28/10/2023 00:50	0.1	41	6	0.6	0.0
28/10/2023 01:00	0.0	46	2	0.4	0.0
28/10/2023 01:10	0.1	32	3	0.5	0.0
28/10/2023 01:20					0.0
28/10/2023 01:30	0.0	41	2	0.4	0.0
28/10/2023 01:40	0.4	38	10	0.9	0.0
28/10/2023 01:50	0.5	31	11	1.1	0.0
28/10/2023 02:00	0.5	39	9	1.2	0.0
28/10/2023 02:10	0.4	48	11	0.9	0.0
28/10/2023 02:20	0.3	40	14	0.8	0.0
28/10/2023 02:30	0.1	60	4	0.5	0.0
28/10/2023 02:40	0.2	34	5	0.9	0.0
28/10/2023 02:50	0.5	30	15	1.2	0.0
28/10/2023 03:00	0.4	31	9	0.9	0.0
28/10/2023 03:10	0.5	34	10	1.1	0.0
28/10/2023 03:20	0.3	19	19	0.8	0.0
28/10/2023 03:30	0.1	53	6	0.7	0.0
28/10/2023 03:40	0.2	52	10	0.8	0.0
28/10/2023 03:50	0.1	62	4	0.6	0.0
28/10/2023 04:00	0.2	52	2	0.8	0.0
28/10/2023 04:10	0.9	39	15	1.4	0.0
28/10/2023 04:20	1.2	34	17	1.7	0.0
28/10/2023 04:30	1.3	36	20	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 04:40	1.4	41	18	2.0	0.0
28/10/2023 04:50	0.6	58	14	1.4	0.0
28/10/2023 05:00					0.0
28/10/2023 05:10					0.0
28/10/2023 05:20	0.1	33	6	0.6	0.0
28/10/2023 05:30	0.5	33	12	0.9	0.0
28/10/2023 05:40	0.5	41	10	1.0	0.0
28/10/2023 05:50	0.8	37	18	1.3	0.0
28/10/2023 06:00	1.3	39	18	1.8	0.0
28/10/2023 06:10	0.9	43	16	1.5	0.0
28/10/2023 06:20	0.4	51	15	1.1	0.0
28/10/2023 06:30	0.0	53	0	0.4	0.0
28/10/2023 06:40	0.1	65	6	0.6	0.0
28/10/2023 06:50	0.3	35	10	0.9	0.0
28/10/2023 07:00	0.2	56	9	0.8	0.0
28/10/2023 07:10	0.2	80	14	0.8	0.0
28/10/2023 07:20	0.9	84	17	1.6	0.0
28/10/2023 07:30	1.1	97	23	1.6	0.0
28/10/2023 07:40	0.9	118	26	1.6	0.0
28/10/2023 07:50	0.9	116	31	2.1	0.0
28/10/2023 08:00	1.1	111	31	1.8	0.0
28/10/2023 08:10	1.2	92	31	2.3	0.0
28/10/2023 08:20	1.6	71	22	2.8	0.0
28/10/2023 08:30	1.9	63	23	2.8	0.0
28/10/2023 08:40	2.1	65	23	3.2	0.0
28/10/2023 08:50	2.0	62	24	3.5	0.0
28/10/2023 09:00	2.1	63	22	3.4	0.0
28/10/2023 09:10	2.4	62	25	3.6	0.0
28/10/2023 09:20	2.1	60	24	3.3	0.0
28/10/2023 09:30	2.2	77	25	3.5	0.0
28/10/2023 09:40	2.3	74	23	4.0	0.0
28/10/2023 09:50	2.6	69	24	4.1	0.0
28/10/2023 10:00	2.7	70	22	4.3	0.0
28/10/2023 10:10	2.7	74	22	4.2	0.0
28/10/2023 10:20	2.6	84	20	4.0	0.0
28/10/2023 10:30	2.6	69	21	3.9	0.0
28/10/2023 10:40	2.9	75	24	4.4	0.0
28/10/2023 10:50	2.7	75	22	4.0	0.0
28/10/2023 11:00	2.3	58	27	3.6	0.0
28/10/2023 11:10	2.4	50	22	4.0	0.0
28/10/2023 11:20	2.2	61	27	3.9	0.0
28/10/2023 11:30	2.3	65	23	3.7	0.0
28/10/2023 11:40	2.7	53	21	4.8	0.0
28/10/2023 11:50	2.8	53	23	5.0	0.0
28/10/2023 12:00	2.6	57	23	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 12:10	2.7	60	23	4.0	0.0
28/10/2023 12:20	2.8	46	25	5.2	0.0
28/10/2023 12:30	2.8	55	24	4.6	0.0
28/10/2023 12:40	2.8	67	21	4.0	0.0
28/10/2023 12:50	2.9	69	23	4.4	0.0
28/10/2023 13:00	2.8	73	22	4.8	0.0
28/10/2023 13:10	2.8	76	20	4.4	0.0
28/10/2023 13:20	2.9	67	22	4.3	0.0
28/10/2023 13:30	2.7	69	21	4.1	0.0
28/10/2023 13:40	2.8	70	19	4.1	0.0
28/10/2023 13:50	2.7	75	23	4.2	0.0
28/10/2023 14:00	2.5	76	21	4.2	0.0
28/10/2023 14:10	2.4	69	21	4.0	0.0
28/10/2023 14:20	2.4	35	45	4.1	0.0
28/10/2023 14:30	2.5	9	31	4.0	0.0
28/10/2023 14:40	2.5	4	29	3.7	0.0
28/10/2023 14:50	2.5	185	33	4.5	0.0
28/10/2023 15:00	2.7	2	27	4.4	0.0
28/10/2023 15:10	3.1	350	29	5.2	0.0
28/10/2023 15:20	2.7	171	33	4.4	0.0
28/10/2023 15:30	3.0	4	29	4.6	0.0
28/10/2023 15:40	2.7	2	31	4.7	0.0
28/10/2023 15:50	2.7	177	34	5.1	0.0
28/10/2023 16:00	2.5	2	39	4.6	0.0
28/10/2023 16:10	2.1	357	36	3.9	0.0
28/10/2023 16:20	2.3	176	32	3.8	0.0
28/10/2023 16:30	2.2	6	28	3.8	0.0
28/10/2023 16:40	2.6	13	26	4.3	0.0
28/10/2023 16:50	2.6	11	24	4.4	0.0
28/10/2023 17:00	2.2	189	29	3.7	0.0
28/10/2023 17:10	2.2	355	38	4.1	0.0
28/10/2023 17:20	1.9	15	40	3.6	0.0
28/10/2023 17:30	2.0	181	38	3.2	0.0
28/10/2023 17:40	2.2	338	28	3.8	0.0
28/10/2023 17:50	2.7	339	23	4.6	0.0
28/10/2023 18:00	2.8	344	28	4.6	0.0
28/10/2023 18:10	2.8	342	22	4.1	0.0
28/10/2023 18:20	2.7	335	28	4.0	0.0
28/10/2023 18:30	2.6	345	27	4.3	0.0
28/10/2023 18:40	2.2	349	38	4.0	0.0
28/10/2023 18:50	2.1	350	32	3.5	0.0
28/10/2023 19:00	2.2	14	32	3.8	0.0
28/10/2023 19:10	2.6	10	29	4.0	0.0
28/10/2023 19:20	2.6	4	30	4.6	0.0
28/10/2023 19:30	2.7	181	30	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 19:40	3.0	177	31	5.4	0.0
28/10/2023 19:50	3.1	183	30	5.7	0.0
28/10/2023 20:00	3.0	173	30	5.4	0.0
28/10/2023 20:10	3.1	346	26	4.7	0.0
28/10/2023 20:20	3.1	326	23	4.9	0.0
28/10/2023 20:30	2.8	339	31	5.1	0.0
28/10/2023 20:40	2.1	261	51	4.0	0.0
28/10/2023 20:50	1.8	248	27	2.6	0.0
28/10/2023 21:00	1.7	252	27	3.2	0.0
28/10/2023 21:10	2.1	256	20	3.6	0.0
28/10/2023 21:20	1.8	256	32	3.1	0.0
28/10/2023 21:30	2.2	252	24	3.8	0.0
28/10/2023 21:40	2.1	258	26	3.6	0.0
28/10/2023 21:50	2.2	254	26	3.4	0.0
28/10/2023 22:00	2.3	248	15	3.4	0.0
28/10/2023 22:10	2.5	242	17	3.7	0.0
28/10/2023 22:20	3.0	233	18	4.4	0.0
28/10/2023 22:30	2.4	250	17	3.9	0.0
28/10/2023 22:40	2.7	221	18	4.5	0.0
28/10/2023 22:50	2.3	245	21	3.7	0.0
28/10/2023 23:00	2.3	231	16	3.8	0.0
28/10/2023 23:10	2.1	217	17	3.1	0.0
28/10/2023 23:20	1.9	241	20	2.8	0.0
28/10/2023 23:30	1.7	227	18	2.5	0.0
28/10/2023 23:40	2.1	229	19	3.4	0.0
28/10/2023 23:50	2.1	231	18	3.1	0.0
29/10/2023 00:00	2.3	236	17	3.6	0.0
29/10/2023 00:10	2.2	233	18	3.2	0.0
29/10/2023 00:20	2.0	235	19	2.8	0.0
29/10/2023 00:30	1.6	225	16	2.4	0.0
29/10/2023 00:40	1.9	227	16	2.9	0.0
29/10/2023 00:50	1.8	238	15	2.6	0.0
29/10/2023 01:00	1.8	229	17	2.9	0.0
29/10/2023 01:10	1.8	246	16	2.6	0.0
29/10/2023 01:20	2.2	248	13	3.2	0.0
29/10/2023 01:30	2.2	245	17	3.2	0.0
29/10/2023 01:40	2.0	236	17	2.8	0.0
29/10/2023 01:50	1.9	233	20	2.9	0.0
29/10/2023 02:00	1.9	248	18	2.8	0.0
29/10/2023 02:10	2.3	250	16	3.5	0.0
29/10/2023 02:20	2.5	253	14	3.6	0.0
29/10/2023 02:30	2.2	251	16	2.9	0.0
29/10/2023 02:40	1.9	247	18	2.8	0.0
29/10/2023 02:50	1.2	214	28	2.4	0.0
29/10/2023 03:00	0.1	214	3	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 03:10	1.8	257	12	2.7	0.0
29/10/2023 03:20	1.7	251	16	2.8	0.0
29/10/2023 03:30	1.1	235	26	1.7	0.0
29/10/2023 03:40	0.5	217	27	1.2	0.0
29/10/2023 03:50	1.0	282	31	1.4	0.0
29/10/2023 04:00	1.3	236	13	2.0	0.0
29/10/2023 04:10	1.2	246	15	1.8	0.0
29/10/2023 04:20	0.9	203	35	1.6	0.0
29/10/2023 04:30	0.7	239	16	1.5	0.0
29/10/2023 04:40	0.6	246	18	1.7	0.0
29/10/2023 04:50	0.4	270	24	1.1	0.0
29/10/2023 05:00	0.9	282	57	1.9	0.0
29/10/2023 05:10	0.6	269	43	1.2	0.0
29/10/2023 05:20	0.7	261	26	1.5	0.0
29/10/2023 05:30	0.3	302	11	1.4	0.0
29/10/2023 05:40	0.8	289	13	1.3	0.0
29/10/2023 05:50	1.3	252	14	1.7	0.0
29/10/2023 06:00	1.4	248	14	2.1	0.0
29/10/2023 06:10	1.2	249	16	2.0	0.0
29/10/2023 06:20	1.3	238	15	2.0	0.0
29/10/2023 06:30	1.4	236	15	2.1	0.0
29/10/2023 06:40	1.7	232	17	2.6	0.0
29/10/2023 06:50	2.2	231	17	3.0	0.0
29/10/2023 07:00	2.4	233	17	3.3	0.0
29/10/2023 07:10	2.6	234	16	3.7	0.0
29/10/2023 07:20	2.5	239	20	3.7	0.0
29/10/2023 07:30	2.4	247	20	3.6	0.0
29/10/2023 07:40	2.3	246	19	3.1	0.0
29/10/2023 07:50	2.4	241	18	3.3	0.0
29/10/2023 08:00	2.3	247	21	3.3	0.0
29/10/2023 08:10	1.9	247	18	2.7	0.0
29/10/2023 08:20	1.9	239	25	2.8	0.0
29/10/2023 08:30	1.9	248	27	2.7	0.0
29/10/2023 08:40	1.7	256	20	2.7	0.0
29/10/2023 08:50	1.5	256	31	2.4	0.0
29/10/2023 09:00	1.5	256	27	2.4	0.0
29/10/2023 09:10	1.4	254	33	2.4	0.0
29/10/2023 09:20	1.6	229	35	2.7	0.0
29/10/2023 09:30	1.2	130	49	2.1	0.0
29/10/2023 09:40	1.2	208	55	2.0	0.0
29/10/2023 09:50	1.9	251	37	3.6	0.0
29/10/2023 10:00	1.7	247	46	3.1	0.0
29/10/2023 10:10	1.6	282	35	3.0	0.0
29/10/2023 10:20	2.1	250	31	3.6	0.0
29/10/2023 10:30	2.4	245	22	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 10:40	2.1	254	32	3.8	0.0
29/10/2023 10:50	1.5	140	41	2.4	0.0
29/10/2023 11:00	1.6	138	47	2.7	0.0
29/10/2023 11:10	1.9	254	50	4.4	0.0
29/10/2023 11:20	1.7	298	50	2.9	0.0
29/10/2023 11:30	2.3	247	36	4.2	0.0
29/10/2023 11:40	1.9	333	37	3.1	0.0
29/10/2023 11:50	1.6	294	53	2.9	0.0
29/10/2023 12:00	2.0	229	32	3.7	0.0
29/10/2023 12:10	1.8	249	52	3.1	0.0
29/10/2023 12:20	2.5	275	28	4.0	0.0
29/10/2023 12:30	2.1	281	36	3.3	0.0
29/10/2023 12:40	2.0	261	30	3.2	0.0
29/10/2023 12:50	2.2	313	35	3.9	0.0
29/10/2023 13:00	2.1	319	42	4.0	0.0
29/10/2023 13:10	1.7	311	40	3.1	0.0
29/10/2023 13:20	1.8	307	42	3.1	0.0
29/10/2023 13:30	2.0	310	42	3.5	0.0
29/10/2023 13:40	2.1	292	40	4.0	0.0
29/10/2023 13:50	2.0	321	31	3.6	0.0
29/10/2023 14:00	1.9	311	42	3.2	0.0
29/10/2023 14:10	1.9	289	42	3.6	0.0
29/10/2023 14:20	2.1	272	35	3.6	0.0
29/10/2023 14:30	2.0	293	39	3.6	0.0
29/10/2023 14:40	2.2	262	32	4.1	0.0
29/10/2023 14:50	1.8	284	46	3.6	0.0
29/10/2023 15:00	1.9	295	44	3.6	0.0
29/10/2023 15:10	2.4	266	37	4.2	0.0
29/10/2023 15:20	2.8	273	33	4.8	0.0
29/10/2023 15:30	2.3	302	41	4.0	0.0
29/10/2023 15:40	2.6	268	33	4.4	0.0
29/10/2023 15:50	2.6	263	26	4.6	0.0
29/10/2023 16:00	2.3	283	37	4.0	0.0
29/10/2023 16:10	2.5	274	34	4.3	0.0
29/10/2023 16:20	2.6	254	22	4.0	0.0
29/10/2023 16:30	1.8	272	36	3.3	0.0
29/10/2023 16:40	2.3	251	25	3.5	0.0
29/10/2023 16:50	2.5	252	19	4.1	0.0
29/10/2023 17:00	1.7	259	33	3.0	0.0
29/10/2023 17:10	2.3	259	27	3.6	0.0
29/10/2023 17:20	2.2	258	20	3.4	0.0
29/10/2023 17:30	2.6	252	17	3.8	0.0
29/10/2023 17:40	2.5	254	21	3.8	0.0
29/10/2023 17:50	3.0	251	16	4.4	0.0
29/10/2023 18:00	3.2	252	15	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 18:10	3.2	249	16	4.7	0.0
29/10/2023 18:20	3.3	251	14	4.8	0.0
29/10/2023 18:30	3.6	251	14	4.9	0.0
29/10/2023 18:40	3.4	251	15	5.0	0.0
29/10/2023 18:50	3.6	252	15	5.2	0.0
29/10/2023 19:00	3.5	256	17	4.8	0.0
29/10/2023 19:10	3.7	258	17	5.2	0.0
29/10/2023 19:20	3.5	251	15	5.2	0.0
29/10/2023 19:30	3.6	259	19	4.9	0.0
29/10/2023 19:40	3.5	256	17	5.2	0.0
29/10/2023 19:50	3.4	253	15	4.9	0.0
29/10/2023 20:00	3.9	249	14	5.1	0.0
29/10/2023 20:10	3.5	254	15	5.1	0.0
29/10/2023 20:20	3.2	257	16	4.7	0.0
29/10/2023 20:30	2.9	263	16	4.0	0.0
29/10/2023 20:40	2.6	257	15	4.0	0.0
29/10/2023 20:50	3.1	255	13	4.6	0.0
29/10/2023 21:00	3.2	251	15	4.6	0.0
29/10/2023 21:10	3.1	254	15	4.4	0.0
29/10/2023 21:20	3.2	260	14	4.6	0.0
29/10/2023 21:30	3.0	255	13	4.4	0.0
29/10/2023 21:40	2.5	258	18	3.6	0.0
29/10/2023 21:50	2.6	260	19	3.7	0.0
29/10/2023 22:00	2.2	267	24	3.3	0.0
29/10/2023 22:10	2.2	264	31	3.2	0.0
29/10/2023 22:20	2.2	265	26	3.4	0.0
29/10/2023 22:30	2.3	271	32	3.5	0.0
29/10/2023 22:40	2.2	267	26	3.8	0.0
29/10/2023 22:50	2.2	272	29	3.6	0.0
29/10/2023 23:00	2.0	273	34	3.4	0.0
29/10/2023 23:10	2.7	259	18	3.9	0.0
29/10/2023 23:20	2.8	260	21	5.0	0.0
29/10/2023 23:30	2.6	262	21	3.8	0.0
29/10/2023 23:40	3.0	261	17	4.4	0.0
29/10/2023 23:50	3.3	257	14	5.0	0.0
30/10/2023 00:00	2.9	255	19	4.4	0.0
30/10/2023 00:10	3.3	259	16	5.3	0.0
30/10/2023 00:20	3.4	257	17	5.1	0.0
30/10/2023 00:30	3.2	257	14	4.7	0.0
30/10/2023 00:40	2.2	261	18	3.2	0.0
30/10/2023 00:50	2.0	258	15	3.1	0.0
30/10/2023 01:00	1.9	256	23	2.9	0.0
30/10/2023 01:10	1.6	263	23	2.6	0.0
30/10/2023 01:20	1.9	258	16	2.5	0.0
30/10/2023 01:30	1.9	263	20	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 01:40	1.8	269	23	2.7	0.0
30/10/2023 01:50	2.1	260	22	2.9	0.0
30/10/2023 02:00	1.6	277	31	2.8	0.0
30/10/2023 02:10	1.6	260	27	2.4	0.0
30/10/2023 02:20	1.7	258	18	2.6	0.0
30/10/2023 02:30	1.9	262	19	2.8	0.0
30/10/2023 02:40	2.0	256	21	2.9	0.0
30/10/2023 02:50	2.1	260	19	3.0	0.0
30/10/2023 03:00	2.2	266	27	3.7	0.0
30/10/2023 03:10	2.2	265	25	3.3	0.0
30/10/2023 03:20	2.3	260	19	3.4	0.0
30/10/2023 03:30	2.6	265	20	4.0	0.0
30/10/2023 03:40	3.1	260	20	4.7	0.0
30/10/2023 03:50	3.3	257	17	5.3	0.0
30/10/2023 04:00	3.4	256	14	5.2	0.0
30/10/2023 04:10	3.0	257	16	4.8	0.0
30/10/2023 04:20	3.0	256	16	4.0	0.0
30/10/2023 04:30	3.1	255	15	4.2	0.0
30/10/2023 04:40	3.0	252	14	4.5	0.0
30/10/2023 04:50	2.9	257	16	4.0	0.0
30/10/2023 05:00	3.0	253	16	4.2	0.0
30/10/2023 05:10	3.4	255	15	4.8	0.0
30/10/2023 05:20	2.8	256	13	3.9	0.0
30/10/2023 05:30	2.8	256	13	3.9	0.0
30/10/2023 05:40	2.8	255	14	4.3	0.0
30/10/2023 05:50	2.6	253	16	3.6	0.0
30/10/2023 06:00	2.7	261	16	3.7	0.0
30/10/2023 06:10	2.7	257	15	3.9	0.0
30/10/2023 06:20	2.0	254	17	2.9	0.0
30/10/2023 06:30	1.5	244	19	2.3	0.0
30/10/2023 06:40	2.0	246	16	2.8	0.0
30/10/2023 06:50	2.1	233	18	3.0	0.0
30/10/2023 07:00	2.4	231	16	3.3	0.0
30/10/2023 07:10	2.2	236	16	3.2	0.0
30/10/2023 07:20	2.1	240	17	3.0	0.0
30/10/2023 07:30	2.5	237	16	3.2	0.0
30/10/2023 07:40	2.6	241	19	3.8	0.0
30/10/2023 07:50	2.3	252	15	3.2	0.0
30/10/2023 08:00	2.0	251	22	2.8	0.0
30/10/2023 08:10	2.2	232	25	3.3	0.0
30/10/2023 08:20	2.0	243	22	3.2	0.0
30/10/2023 08:30	2.1	232	23	3.1	0.0
30/10/2023 08:40	2.0	244	27	3.2	0.0
30/10/2023 08:50	2.2	218	22	3.5	0.0
30/10/2023 09:00	2.2	217	18	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 09:10	2.6	211	19	3.8	0.0
30/10/2023 09:20	2.2	215	24	3.5	0.0
30/10/2023 09:30	1.8	210	33	3.1	0.0
30/10/2023 09:40	1.6	206	40	2.6	0.0
30/10/2023 09:50	1.5	217	47	2.4	0.0
30/10/2023 10:00	1.6	180	48	2.7	0.0
30/10/2023 10:10	1.4	181	47	2.6	0.0
30/10/2023 10:20	1.2	160	54	2.0	0.0
30/10/2023 10:30	1.1	182	37	2.1	0.0
30/10/2023 10:40	2.1	177	35	3.2	0.0
30/10/2023 10:50	2.0	348	29	3.2	0.0
30/10/2023 11:00	2.1	341	26	3.2	0.0
30/10/2023 11:10	2.2	336	35	3.8	0.0
30/10/2023 11:20	2.6	332	28	4.5	0.0
30/10/2023 11:30	2.6	335	27	4.1	0.0
30/10/2023 11:40	2.8	332	28	4.4	0.0
30/10/2023 11:50	2.4	351	33	4.2	0.0
30/10/2023 12:00	2.8	347	32	4.5	0.0
30/10/2023 12:10	2.6	344	32	4.2	0.0
30/10/2023 12:20	3.7	343	23	5.5	0.0
30/10/2023 12:30	3.4	332	28	5.4	0.0
30/10/2023 12:40	3.7	332	23	6.1	0.0
30/10/2023 12:50	3.5	329	29	5.7	0.0
30/10/2023 13:00	4.2	324	23	6.4	0.0
30/10/2023 13:10	3.7	333	26	6.0	0.0
30/10/2023 13:20	3.2	325	27	5.8	0.0
30/10/2023 13:30	3.5	323	25	5.6	0.0
30/10/2023 13:40	3.5	332	26	5.4	0.0
30/10/2023 13:50	3.7	335	24	6.2	0.0
30/10/2023 14:00	4.0	329	25	6.4	0.0
30/10/2023 14:10	3.5	315	40	5.9	0.0
30/10/2023 14:20	3.2	290	43	5.2	0.0
30/10/2023 14:30	3.0	299	39	5.4	0.0
30/10/2023 14:40	2.9	294	38	4.9	0.0
30/10/2023 14:50	2.9	283	37	5.0	0.0
30/10/2023 15:00	3.3	268	33	5.7	0.0
30/10/2023 15:10	2.9	279	38	5.2	0.0
30/10/2023 15:20	3.3	265	31	5.1	0.0
30/10/2023 15:30	3.6	324	25	5.5	0.0
30/10/2023 15:40	2.8	316	43	4.8	0.0
30/10/2023 15:50	2.9	320	28	5.2	0.0
30/10/2023 16:00	2.9	316	30	4.4	0.0
30/10/2023 16:10	2.7	318	31	4.4	0.0
30/10/2023 16:20	3.2	324	25	5.3	0.0
30/10/2023 16:30	3.0	317	33	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 16:40	3.4	322	26	6.0	0.0
30/10/2023 16:50	3.3	310	37	5.3	0.0
30/10/2023 17:00	3.9	326	27	6.0	0.0
30/10/2023 17:10	3.1	315	30	5.3	0.0
30/10/2023 17:20	3.1	315	27	5.2	0.0
30/10/2023 17:30	2.9	320	28	5.2	0.0
30/10/2023 17:40	3.0	313	34	4.8	0.0
30/10/2023 17:50	2.7	317	34	5.6	0.0
30/10/2023 18:00	2.6	318	32	4.6	0.0
30/10/2023 18:10	2.6	318	34	4.8	0.0
30/10/2023 18:20	3.1	323	26	4.6	0.0
30/10/2023 18:30	3.0	316	30	4.8	0.0
30/10/2023 18:40	2.6	313	33	4.4	0.0
30/10/2023 18:50	2.5	315	39	4.6	0.0
30/10/2023 19:00	2.7	311	34	5.2	0.0
30/10/2023 19:10	2.3	298	39	4.5	0.0
30/10/2023 19:20	2.1	267	37	3.3	0.0
30/10/2023 19:30	2.0	264	37	3.2	0.0
30/10/2023 19:40	2.6	258	17	3.8	0.0
30/10/2023 19:50	3.1	260	21	5.5	0.0
30/10/2023 20:00	3.8	257	18	5.7	0.0
30/10/2023 20:10	3.7	257	21	5.8	0.0
30/10/2023 20:20	3.6	258	20	5.2	0.0
30/10/2023 20:30	2.1	264	25	3.5	0.0
30/10/2023 20:40	3.3	260	23	5.3	0.0
30/10/2023 20:50	3.5	259	20	5.6	0.0
30/10/2023 21:00	3.7	259	19	5.2	0.0
30/10/2023 21:10	3.3	260	14	5.7	0.0
30/10/2023 21:20	3.0	267	20	5.2	0.0
30/10/2023 21:30	4.2	255	19	6.0	0.0
30/10/2023 21:40	3.9	256	17	6.3	0.0
30/10/2023 21:50	4.2	255	18	5.8	0.0
30/10/2023 22:00	2.7	266	23	4.8	0.0
30/10/2023 22:10	2.7	257	19	4.4	0.0
30/10/2023 22:20	2.4	256	16	3.9	0.0
30/10/2023 22:30	2.6	257	21	3.9	0.0
30/10/2023 22:40	2.5	254	20	4.2	0.0
30/10/2023 22:50	2.6	255	19	3.7	0.0
30/10/2023 23:00	2.4	255	19	3.4	0.0
30/10/2023 23:10	2.7	254	16	3.6	0.0
30/10/2023 23:20	2.7	260	20	3.7	0.0
30/10/2023 23:30	2.8	256	19	4.0	0.0
30/10/2023 23:40	2.3	257	17	3.7	0.0
30/10/2023 23:50	2.8	259	19	4.4	0.0
31/10/2023 00:00	2.9	261	18	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 00:10	3.2	260	19	4.8	0.0
31/10/2023 00:20	4.1	258	16	5.9	0.0
31/10/2023 00:30	4.7	256	16	6.6	0.0
31/10/2023 00:40	4.2	258	18	6.1	0.0
31/10/2023 00:50	4.2	257	14	6.4	0.0
31/10/2023 01:00	4.1	257	17	5.9	0.0
31/10/2023 01:10	2.8	260	22	4.8	0.0
31/10/2023 01:20	2.9	259	21	5.0	0.0
31/10/2023 01:30	3.2	259	17	5.1	0.0
31/10/2023 01:40	3.3	258	15	5.0	0.0
31/10/2023 01:50	3.2	260	20	4.8	0.0
31/10/2023 02:00	3.5	260	17	5.2	0.0
31/10/2023 02:10	3.6	259	16	4.7	0.0
31/10/2023 02:20	4.0	259	16	5.6	0.0
31/10/2023 02:30	3.6	260	17	5.3	0.0
31/10/2023 02:40	3.7	260	15	5.7	0.0
31/10/2023 02:50	4.0	259	14	5.6	0.0
31/10/2023 03:00	3.7	262	16	5.0	0.0
31/10/2023 03:10	4.0	257	16	6.1	0.0
31/10/2023 03:20	3.5	254	14	5.5	0.0
31/10/2023 03:30	3.1	264	15	4.8	0.0
31/10/2023 03:40	3.2	263	17	4.8	0.0
31/10/2023 03:50	3.5	260	15	5.2	0.0
31/10/2023 04:00	3.3	256	14	4.6	0.0
31/10/2023 04:10	3.0	258	15	3.9	0.0
31/10/2023 04:20	2.9	262	15	3.8	0.0
31/10/2023 04:30	2.9	263	15	4.5	0.0
31/10/2023 04:40	3.3	261	13	4.4	0.0
31/10/2023 04:50	3.3	259	14	4.8	0.0
31/10/2023 05:00	3.1	260	15	4.4	0.0
31/10/2023 05:10	3.0	260	13	4.4	0.0
31/10/2023 05:20	2.4	251	15	3.4	0.0
31/10/2023 05:30	1.6	243	17	2.3	0.0
31/10/2023 05:40	1.1	242	21	2.3	0.0
31/10/2023 05:50	1.2	238	18	2.0	0.0
31/10/2023 06:00	1.3	240	19	1.9	0.0
31/10/2023 06:10	1.5	240	20	2.4	0.0
31/10/2023 06:20	1.3	226	17	1.8	0.0
31/10/2023 06:30	1.8	238	17	2.5	0.0
31/10/2023 06:40	1.9	238	19	2.6	0.0
31/10/2023 06:50	1.7	233	18	2.3	0.0
31/10/2023 07:00	1.7	226	18	2.5	0.0
31/10/2023 07:10	2.1	228	16	3.0	0.0
31/10/2023 07:20	2.4	231	17	3.6	0.0
31/10/2023 07:30	2.5	240	22	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 07:40	2.7	239	21	3.7	0.0
31/10/2023 07:50	2.9	253	19	4.4	0.0
31/10/2023 08:00	3.3	253	18	4.8	0.0
31/10/2023 08:10	3.3	245	20	4.9	0.0
31/10/2023 08:20	3.3	250	19	4.8	0.0
31/10/2023 08:30	3.6	247	16	5.1	0.0
31/10/2023 08:40	3.9	247	16	5.2	0.0
31/10/2023 08:50	3.5	240	18	5.4	0.0
31/10/2023 09:00	3.3	244	21	4.5	0.0
31/10/2023 09:10	2.9	240	20	4.4	0.0
31/10/2023 09:20	2.7	237	18	3.5	0.0
31/10/2023 09:30	2.9	228	21	3.9	0.0
31/10/2023 09:40	2.4	234	22	3.6	0.0
31/10/2023 09:50	2.7	239	19	3.8	0.0
31/10/2023 10:00	2.7	238	23	4.4	0.0
31/10/2023 10:10	2.2	284	39	3.6	0.0
31/10/2023 10:20	1.6	317	41	2.8	0.0
31/10/2023 10:30	2.1	285	37	3.2	0.0
31/10/2023 10:40	2.1	294	36	3.9	0.0
31/10/2023 10:50	2.5	269	33	3.7	0.0
31/10/2023 11:00	2.2	267	44	3.6	0.0
31/10/2023 11:10	2.5	283	35	4.0	0.0
31/10/2023 11:20	2.6	271	38	4.4	0.0
31/10/2023 11:30	2.7	275	37	4.5	0.0
31/10/2023 11:40	2.5	287	40	4.0	0.0
31/10/2023 11:50	2.6	270	41	4.5	0.0
31/10/2023 12:00	2.3	277	37	4.1	0.0
31/10/2023 12:10	2.6	285	44	4.1	0.0
31/10/2023 12:20	2.7	267	36	4.4	0.0
31/10/2023 12:30	2.7	292	39	4.4	0.0
31/10/2023 12:40	2.8	278	36	4.8	0.0
31/10/2023 12:50	2.6	280	32	4.0	0.0
31/10/2023 13:00	2.4	291	41	3.9	0.0
31/10/2023 13:10	2.6	274	39	4.4	0.0
31/10/2023 13:20	2.7	294	38	4.4	0.0
31/10/2023 13:30	2.7	309	43	5.1	0.0
31/10/2023 13:40	3.4	280	34	5.6	0.0
31/10/2023 13:50	2.9	261	29	4.7	0.0
31/10/2023 14:00	3.3	309	38	5.6	0.0
31/10/2023 14:10	3.2	294	35	5.6	0.0
31/10/2023 14:20	3.0	317	37	5.1	0.0
31/10/2023 14:30	2.9	302	45	5.3	0.0
31/10/2023 14:40	3.6	261	32	6.0	0.0
31/10/2023 14:50	2.9	271	35	5.0	0.0
31/10/2023 15:00	3.3	276	33	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 15:10	3.4	316	32	6.1	0.0
31/10/2023 15:20	3.4	327	26	5.7	0.0
31/10/2023 15:30	2.8	297	41	4.8	0.0
31/10/2023 15:40	3.1	309	34	5.6	0.0
31/10/2023 15:50	3.0	285	36	5.9	0.0
31/10/2023 16:00	3.0	262	25	4.4	0.0
31/10/2023 16:10	2.9	289	37	4.8	0.0
31/10/2023 16:20	2.6	299	40	4.4	0.0
31/10/2023 16:30	3.1	273	34	5.0	0.0
31/10/2023 16:40	3.0	258	29	4.7	0.0
31/10/2023 16:50	2.8	256	27	4.4	0.0
31/10/2023 17:00	3.5	254	15	5.4	0.0
31/10/2023 17:10	2.9	255	18	4.4	0.0
31/10/2023 17:20	2.7	261	26	4.7	0.0
31/10/2023 17:30	2.8	262	21	4.3	0.0
31/10/2023 17:40	3.3	252	19	5.1	0.0
31/10/2023 17:50	3.9	254	14	5.6	0.0
31/10/2023 18:00	4.2	255	15	6.3	0.0
31/10/2023 18:10	3.7	254	16	5.6	0.0
31/10/2023 18:20	3.3	257	18	4.9	0.0
31/10/2023 18:30	3.2	253	19	4.9	0.0
31/10/2023 18:40	3.0	253	17	4.7	0.0
31/10/2023 18:50	2.3	261	33	4.4	0.0
31/10/2023 19:00	2.6	263	28	4.8	0.0
31/10/2023 19:10	2.8	261	29	4.2	0.0
31/10/2023 19:20	2.7	259	25	4.0	0.0
31/10/2023 19:30	2.3	269	38	4.6	0.0
31/10/2023 19:40	2.4	257	32	4.4	0.0
31/10/2023 19:50	2.3	258	26	3.6	0.0
31/10/2023 20:00	2.9	255	21	4.9	0.0
31/10/2023 20:10	2.8	257	22	4.4	0.0
31/10/2023 20:20	3.2	260	19	5.3	0.0
31/10/2023 20:30	2.7	257	21	4.7	0.0
31/10/2023 20:40	2.9	259	22	4.8	0.0
31/10/2023 20:50	2.7	261	19	4.4	0.0
31/10/2023 21:00	2.7	263	22	4.9	0.0
31/10/2023 21:10	1.9	260	24	3.0	0.0
31/10/2023 21:20	2.7	251	16	4.4	0.0
31/10/2023 21:30	2.3	260	21	3.7	0.0
31/10/2023 21:40	2.4	261	19	4.2	0.0
31/10/2023 21:50	2.8	257	15	4.4	0.0
31/10/2023 22:00	2.9	256	19	4.5	0.0
31/10/2023 22:10	3.1	255	16	4.5	0.0
31/10/2023 22:20	2.4	259	20	4.2	0.0
31/10/2023 22:30	1.9	270	24	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 22:40	2.7	260	18	4.3	0.0
31/10/2023 22:50	2.2	264	19	3.2	0.0
31/10/2023 23:00	2.8	263	19	4.1	0.0
31/10/2023 23:10	2.7	255	17	4.3	0.0
31/10/2023 23:20	3.0	260	15	4.4	0.0
31/10/2023 23:30	3.4	255	16	5.6	0.0
31/10/2023 23:40	3.0	260	17	4.4	0.0
31/10/2023 23:50	3.2	254	15	4.8	0.0
01/11/2023 00:00	4.0	256	15	6.4	0.0
01/11/2023 00:10	3.9	251	16	5.5	0.0
01/11/2023 00:20	3.5	246	17	5.4	0.0
01/11/2023 00:30	3.4	248	16	5.1	0.0
01/11/2023 00:40	3.6	236	17	5.8	0.0
01/11/2023 00:50	3.7	240	19	5.9	0.0
01/11/2023 01:00	3.5	235	17	5.0	0.0
01/11/2023 01:10	3.6	236	17	5.4	0.0
01/11/2023 01:20	2.8	235	18	4.0	0.0
01/11/2023 01:30	3.5	237	16	5.0	0.0
01/11/2023 01:40	4.1	235	16	6.0	0.0
01/11/2023 01:50	4.1	235	18	6.0	0.0
01/11/2023 02:00	3.3	244	18	5.2	0.0
01/11/2023 02:10	3.6	247	19	6.0	0.0
01/11/2023 02:20	2.8	242	19	4.6	0.0
01/11/2023 02:30	3.4	246	21	5.0	0.0
01/11/2023 02:40	3.6	248	17	5.1	0.0
01/11/2023 02:50	3.6	243	17	6.0	0.0
01/11/2023 03:00	3.4	245	17	5.2	0.0
01/11/2023 03:10	3.8	240	18	5.6	0.0
01/11/2023 03:20	3.4	237	16	5.0	0.0
01/11/2023 03:30	3.1	240	19	4.8	0.0
01/11/2023 03:40	3.4	238	16	5.2	0.0
01/11/2023 03:50	3.2	233	16	4.4	0.0
01/11/2023 04:00	3.5	235	15	5.6	0.0
01/11/2023 04:10	3.0	237	16	4.7	0.0
01/11/2023 04:20	2.1	247	18	3.9	0.0
01/11/2023 04:30	3.0	255	17	4.3	0.0
01/11/2023 04:40	2.5	250	17	4.2	0.0
01/11/2023 04:50	2.0	250	19	3.2	0.0
01/11/2023 05:00	1.7	254	16	2.7	0.0
01/11/2023 05:10	2.0	262	16	3.2	0.0
01/11/2023 05:20	2.1	264	14	2.9	0.0
01/11/2023 05:30	1.8	260	14	2.8	0.0
01/11/2023 05:40	1.9	261	14	2.8	0.0
01/11/2023 05:50	1.6	255	18	2.8	0.0
01/11/2023 06:00	1.7	261	21	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 06:10	2.0	262	14	3.2	0.0
01/11/2023 06:20	2.2	254	15	3.7	0.0
01/11/2023 06:30	2.6	256	13	3.7	0.0
01/11/2023 06:40	2.6	263	18	4.0	0.0
01/11/2023 06:50	2.9	252	15	4.2	0.0
01/11/2023 07:00	3.0	252	16	4.2	0.0
01/11/2023 07:10	3.3	244	19	5.0	0.0
01/11/2023 07:20	3.0	242	16	4.2	0.0
01/11/2023 07:30	3.4	251	18	5.0	0.0
01/11/2023 07:40	3.5	249	18	5.2	0.0
01/11/2023 07:50	3.4	253	17	5.2	0.0
01/11/2023 08:00	3.7	248	15	5.2	0.0
01/11/2023 08:10	3.7	254	19	5.4	0.0
01/11/2023 08:20	3.8	254	13	5.4	0.0
01/11/2023 08:30	3.6	240	18	4.8	0.0
01/11/2023 08:40	3.4	234	18	4.8	0.0
01/11/2023 08:50	3.4	248	19	4.8	0.0
01/11/2023 09:00	3.7	250	19	5.1	0.0
01/11/2023 09:10	3.6	252	18	4.8	0.0
01/11/2023 09:20	3.6	255	15	4.9	0.0
01/11/2023 09:30	3.5	255	17	5.1	0.0
01/11/2023 09:40	3.6	252	20	4.8	0.0
01/11/2023 09:50	3.7	251	18	5.2	0.0
01/11/2023 10:00	3.6	250	17	5.2	0.0
01/11/2023 10:10	3.6	250	18	5.2	0.0
01/11/2023 10:20	3.3	248	20	4.6	0.0
01/11/2023 10:30	3.5	246	18	5.2	0.0
01/11/2023 10:40	3.5	250	23	4.8	0.0
01/11/2023 10:50	3.5	250	19	4.9	0.0
01/11/2023 11:00	3.7	249	23	5.3	0.0
01/11/2023 11:10	3.4	250	23	4.7	0.0
01/11/2023 11:20	3.8	245	19	5.5	0.0
01/11/2023 11:30	4.0	241	16	5.6	0.0
01/11/2023 11:40	4.2	243	17	6.3	0.0
01/11/2023 11:50	4.0	248	20	5.7	0.0
01/11/2023 12:00	4.0	250	19	6.0	0.0
01/11/2023 12:10	4.2	248	17	5.9	0.0
01/11/2023 12:20	4.0	252	23	6.1	0.0
01/11/2023 12:30	2.8	278	38	4.9	0.0
01/11/2023 12:40	3.2	271	32	4.7	0.0
01/11/2023 12:50	3.2	268	29	5.6	0.0
01/11/2023 13:00	3.5	273	40	6.0	0.0
01/11/2023 13:10	3.3	310	37	5.6	0.0
01/11/2023 13:20	3.7	264	32	5.7	0.0
01/11/2023 13:30	3.3	294	37	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 13:40	3.3	291	39	5.2	0.0
01/11/2023 13:50	3.4	277	34	5.5	0.0
01/11/2023 14:00	2.9	258	32	5.0	0.0
01/11/2023 14:10	3.4	268	31	5.3	0.0
01/11/2023 14:20	3.3	264	33	5.4	0.0
01/11/2023 14:30	2.8	289	40	5.2	0.0
01/11/2023 14:40	3.0	272	33	4.9	0.0
01/11/2023 14:50	3.4	261	33	5.9	0.0
01/11/2023 15:00	2.4	276	40	5.2	0.0
01/11/2023 15:10	3.3	260	24	4.8	0.0
01/11/2023 15:20	3.0	270	32	4.8	0.0
01/11/2023 15:30	3.1	260	27	5.3	0.0
01/11/2023 15:40	3.4	257	23	5.6	0.0
01/11/2023 15:50	3.7	258	19	5.5	0.0
01/11/2023 16:00	3.7	258	23	5.4	0.0
01/11/2023 16:10	3.3	252	19	4.6	0.0
01/11/2023 16:20	3.9	251	19	5.8	0.0
01/11/2023 16:30	4.3	244	17	6.0	0.0
01/11/2023 16:40	4.1	240	15	5.7	0.0
01/11/2023 16:50	4.2	238	13	5.6	0.0
01/11/2023 17:00	4.1	245	19	5.7	0.0
01/11/2023 17:10	3.7	244	18	5.4	0.0
01/11/2023 17:20	4.0	240	16	5.6	0.0
01/11/2023 17:30	4.0	246	15	5.6	0.0
01/11/2023 17:40	3.3	255	16	4.8	0.0
01/11/2023 17:50	2.6	253	20	4.0	0.0
01/11/2023 18:00	3.3	253	16	5.0	0.0
01/11/2023 18:10	2.7	253	21	4.3	0.0
01/11/2023 18:20	2.9	254	19	5.0	0.0
01/11/2023 18:30	2.7	259	19	4.8	0.0
01/11/2023 18:40	2.2	267	28	4.0	0.0
01/11/2023 18:50	2.5	262	21	4.3	0.0
01/11/2023 19:00	2.6	261	17	4.1	0.0
01/11/2023 19:10	3.1	256	18	5.0	0.0
01/11/2023 19:20	3.1	256	15	4.8	0.0
01/11/2023 19:30	3.1	255	18	5.0	0.0
01/11/2023 19:40	3.0	256	17	4.1	0.0
01/11/2023 19:50	3.3	259	16	4.8	0.0
01/11/2023 20:00	3.1	261	18	4.5	0.0
01/11/2023 20:10	3.6	257	15	5.0	0.0
01/11/2023 20:20	3.6	255	17	5.4	0.0
01/11/2023 20:30	3.1	253	17	4.8	0.0
01/11/2023 20:40	2.9	258	19	4.4	0.0
01/11/2023 20:50	3.1	262	18	4.8	0.0
01/11/2023 21:00	3.1	254	17	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/11/2023 21:10	3.2	257	21	5.7	0.0
01/11/2023 21:20	3.1	248	22	5.4	0.0
01/11/2023 21:30	2.9	241	19	4.6	0.0
01/11/2023 21:40	3.4	249	19	5.9	0.0
01/11/2023 21:50	3.5	249	19	5.6	0.0
01/11/2023 22:00	3.4	249	19	5.5	0.0
01/11/2023 22:10	3.5	251	17	5.6	0.0
01/11/2023 22:20	4.0	247	19	5.9	0.0
01/11/2023 22:30	4.1	255	18	6.0	0.0
01/11/2023 22:40	3.9	255	16	6.2	0.0
01/11/2023 22:50	3.1	243	17	4.8	0.0
01/11/2023 23:00	3.0	236	16	4.2	0.0
01/11/2023 23:10	2.8	235	16	4.4	0.0
01/11/2023 23:20	3.0	238	20	4.4	0.0
01/11/2023 23:30	3.0	235	17	4.5	0.0
01/11/2023 23:40	2.9	237	19	4.4	0.0
01/11/2023 23:50	2.5	241	17	4.0	0.0
02/11/2023 00:00	2.9	237	20	4.3	0.0
02/11/2023 00:10	3.0	236	17	4.8	0.0
02/11/2023 00:20	2.9	232	17	4.2	0.0
02/11/2023 00:30	2.8	237	16	4.2	0.0
02/11/2023 00:40	3.3	235	14	5.1	0.0
02/11/2023 00:50	3.2	236	15	4.4	0.0
02/11/2023 01:00	3.2	237	19	4.7	0.0
02/11/2023 01:10	3.1	239	15	4.4	0.0
02/11/2023 01:20	3.0	234	19	4.4	0.0
02/11/2023 01:30	3.1	239	16	4.8	0.0
02/11/2023 01:40	3.1	238	17	4.4	0.0
02/11/2023 01:50	2.6	237	19	4.2	0.0
02/11/2023 02:00	3.1	238	18	4.5	0.0
02/11/2023 02:10	3.3	236	17	4.7	0.0
02/11/2023 02:20	3.2	236	16	4.7	0.0
02/11/2023 02:30	3.3	237	15	4.7	0.0
02/11/2023 02:40	3.1	240	17	4.6	0.0
02/11/2023 02:50	3.0	239	15	4.1	0.0
02/11/2023 03:00	3.0	241	16	4.0	0.0
02/11/2023 03:10	2.4	244	19	3.5	0.0
02/11/2023 03:20	2.3	246	16	3.5	0.0
02/11/2023 03:30	2.5	243	16	4.0	0.0
02/11/2023 03:40	2.4	253	17	3.5	0.0
02/11/2023 03:50	2.0	252	18	3.2	0.0
02/11/2023 04:00	2.3	244	19	3.4	0.0
02/11/2023 04:10	2.3	249	17	3.5	0.0
02/11/2023 04:20	2.2	243	20	3.1	0.0
02/11/2023 04:30	2.5	242	13	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 04:40	2.3	257	17	3.3	0.0
02/11/2023 04:50	2.4	256	15	3.3	0.0
02/11/2023 05:00	2.2	260	16	3.0	0.0
02/11/2023 05:10	1.8	260	18	2.7	0.0
02/11/2023 05:20	2.2	264	16	3.2	0.0
02/11/2023 05:30	2.2	261	16	3.0	0.0
02/11/2023 05:40	2.4	262	16	3.4	0.0
02/11/2023 05:50	2.3	263	14	3.3	0.0
02/11/2023 06:00	2.1	254	17	3.2	0.0
02/11/2023 06:10	2.1	237	16	2.9	0.0
02/11/2023 06:20	2.3	232	14	3.1	0.0
02/11/2023 06:30	1.9	232	15	2.6	0.0
02/11/2023 06:40	1.9	243	16	2.8	0.0
02/11/2023 06:50	2.0	246	17	2.8	0.0
02/11/2023 07:00	2.2	251	14	3.2	0.0
02/11/2023 07:10	2.3	251	15	3.2	0.0
02/11/2023 07:20	2.3	250	16	3.2	0.0
02/11/2023 07:30	2.8	251	15	4.0	0.0
02/11/2023 07:40	2.9	246	17	3.8	0.0
02/11/2023 07:50	3.0	253	17	4.0	0.0
02/11/2023 08:00	2.9	245	16	4.0	0.0
02/11/2023 08:10	3.1	242	14	4.2	0.0
02/11/2023 08:20	2.8	247	18	4.0	0.0
02/11/2023 08:30	2.7	246	19	3.8	0.0
02/11/2023 08:40	2.2	254	25	3.5	0.0
02/11/2023 08:50	1.9	272	36	3.2	0.0
02/11/2023 09:00	2.9	245	23	4.4	0.0
02/11/2023 09:10	3.4	238	16	5.0	0.0
02/11/2023 09:20	3.2	243	20	4.8	0.0
02/11/2023 09:30	3.3	243	18	4.8	0.0
02/11/2023 09:40	3.6	238	15	4.8	0.0
02/11/2023 09:50	3.5	245	16	4.8	0.0
02/11/2023 10:00	3.5	244	17	5.1	0.0
02/11/2023 10:10	3.1	250	20	4.4	0.0
02/11/2023 10:20	2.9	250	22	5.1	0.0
02/11/2023 10:30	2.9	255	26	4.4	0.0
02/11/2023 10:40	3.3	249	20	4.7	0.0
02/11/2023 10:50	3.4	243	18	4.6	0.0
02/11/2023 11:00	3.1	252	19	4.7	0.0
02/11/2023 11:10	3.2	249	22	4.8	0.0
02/11/2023 11:20	3.6	247	20	5.3	0.0
02/11/2023 11:30	3.2	254	24	5.0	0.0
02/11/2023 11:40	3.3	255	20	4.9	0.0
02/11/2023 11:50	3.6	240	19	5.2	0.0
02/11/2023 12:00	3.8	237	18	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 12:10	3.8	237	19	5.4	0.0
02/11/2023 12:20	3.5	234	19	4.9	0.0
02/11/2023 12:30	3.4	257	23	4.8	0.0
02/11/2023 12:40	2.6	286	43	4.4	0.0
02/11/2023 12:50	3.2	275	29	4.9	0.0
02/11/2023 13:00	3.3	265	23	5.2	0.0
02/11/2023 13:10	3.0	272	34	5.1	0.0
02/11/2023 13:20	3.0	256	26	5.4	0.0
02/11/2023 13:30	3.5	259	24	5.4	0.0
02/11/2023 13:40	3.4	256	23	5.3	0.0
02/11/2023 13:50	4.2	255	22	7.0	0.0
02/11/2023 14:00	4.6	249	18	6.7	0.0
02/11/2023 14:10	4.9	248	16	7.6	0.0
02/11/2023 14:20	5.4	243	17	7.6	0.0
02/11/2023 14:30	4.9	247	18	6.6	0.0
02/11/2023 14:40	4.7	246	16	6.4	0.0
02/11/2023 14:50	4.9	247	19	6.9	0.0
02/11/2023 15:00	5.1	243	16	7.5	0.0
02/11/2023 15:10	4.8	245	18	7.0	0.0
02/11/2023 15:20	4.5	247	18	6.4	0.0
02/11/2023 15:30	4.7	251	17	7.1	0.0
02/11/2023 15:40	4.4	247	17	6.5	0.0
02/11/2023 15:50	4.3	251	19	6.4	0.0
02/11/2023 16:00	4.7	248	20	7.2	0.0
02/11/2023 16:10	4.8	249	16	6.8	0.0
02/11/2023 16:20	4.8	250	18	6.6	0.0
02/11/2023 16:30	4.5	244	17	6.4	0.0
02/11/2023 16:40	4.8	246	17	7.0	0.0
02/11/2023 16:50	4.7	251	17	6.4	0.0
02/11/2023 17:00	5.0	254	13	6.9	0.0
02/11/2023 17:10	5.1	251	15	6.9	0.0
02/11/2023 17:20	4.8	249	16	6.5	0.0
02/11/2023 17:30	4.7	253	15	6.2	0.0
02/11/2023 17:40	3.9	260	19	5.7	0.0
02/11/2023 17:50	3.8	256	17	5.2	0.0
02/11/2023 18:00	3.9	259	18	6.0	0.0
02/11/2023 18:10	4.1	254	18	6.1	0.0
02/11/2023 18:20	4.3	258	16	6.4	0.0
02/11/2023 18:30	3.9	255	16	6.3	0.0
02/11/2023 18:40	4.0	259	15	5.7	0.0
02/11/2023 18:50	4.0	256	15	5.9	0.0
02/11/2023 19:00	3.8	259	13	5.8	0.0
02/11/2023 19:10	3.6	258	19	5.2	0.0
02/11/2023 19:20	4.0	252	14	6.4	0.0
02/11/2023 19:30	4.1	253	13	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/11/2023 19:40	4.3	251	15	6.1	0.0
02/11/2023 19:50	4.9	251	14	6.5	0.0
02/11/2023 20:00	4.6	254	14	6.5	0.0
02/11/2023 20:10	4.4	254	15	6.4	0.0
02/11/2023 20:20	4.4	251	16	6.4	0.0
02/11/2023 20:30	4.6	250	15	6.5	0.0
02/11/2023 20:40	4.9	252	17	7.4	0.0
02/11/2023 20:50	4.6	250	15	6.4	0.0
02/11/2023 21:00	4.4	251	18	6.4	0.0
02/11/2023 21:10	4.1	256	16	6.1	0.0
02/11/2023 21:20	4.1	252	16	6.0	0.0
02/11/2023 21:30	4.9	252	14	7.1	0.0
02/11/2023 21:40	4.0	253	14	6.8	0.0
02/11/2023 21:50	4.0	257	16	5.8	0.0
02/11/2023 22:00	4.0	253	16	5.6	0.0
02/11/2023 22:10	3.9	258	16	5.8	0.0
02/11/2023 22:20	4.0	260	16	6.1	0.0
02/11/2023 22:30	3.5	260	15	5.6	0.0
02/11/2023 22:40	3.1	256	19	4.6	0.0
02/11/2023 22:50	3.6	257	18	5.2	0.0
02/11/2023 23:00	3.6	257	16	5.6	0.0
02/11/2023 23:10	3.5	258	18	5.2	0.0
02/11/2023 23:20	3.0	258	18	4.8	0.0
02/11/2023 23:30	3.3	263	19	6.0	0.0
02/11/2023 23:40	3.7	255	19	5.2	0.0
02/11/2023 23:50	3.0	252	19	4.7	0.0
03/11/2023 00:00	3.0	252	18	5.3	0.0
03/11/2023 00:10	2.9	234	17	4.4	0.0
03/11/2023 00:20	2.1	224	15	3.2	0.0
03/11/2023 00:30	2.2	227	20	3.1	0.0
03/11/2023 00:40	2.2	238	19	3.9	0.0
03/11/2023 00:50	2.9	235	16	4.3	0.0
03/11/2023 01:00	2.8	244	19	4.1	0.0
03/11/2023 01:10	3.5	237	17	5.5	0.0
03/11/2023 01:20	3.5	246	18	5.2	0.0
03/11/2023 01:30	3.7	242	16	5.6	0.0
03/11/2023 01:40	3.6	245	18	5.6	0.0
03/11/2023 01:50	3.1	228	24	4.8	0.0
03/11/2023 02:00	2.8	222	17	4.2	0.0
03/11/2023 02:10	2.9	226	15	4.2	0.0
03/11/2023 02:20	3.2	240	17	4.7	0.0
03/11/2023 02:30	3.1	225	14	4.9	0.0
03/11/2023 02:40	2.9	239	20	4.3	0.0
03/11/2023 02:50	2.2	260	25	3.6	0.0
03/11/2023 03:00	2.3	245	17	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 03:10	1.9	147	37	3.4	0.0
03/11/2023 03:20	1.9	147	41	3.0	0.0
03/11/2023 03:30	1.2	246	47	2.4	0.0
03/11/2023 03:40	1.7	260	43	2.8	0.0
03/11/2023 03:50	2.8	257	17	4.1	0.0
03/11/2023 04:00	2.8	256	16	4.8	0.0
03/11/2023 04:10	2.9	261	17	4.3	0.0
03/11/2023 04:20	3.2	257	18	4.8	0.0
03/11/2023 04:30	3.5	258	19	5.5	0.0
03/11/2023 04:40	2.9	258	20	4.4	0.0
03/11/2023 04:50	3.4	250	16	5.2	0.0
03/11/2023 05:00	3.6	257	17	5.0	0.0
03/11/2023 05:10	2.7	268	21	3.9	0.0
03/11/2023 05:20	2.7	266	35	5.2	0.0
03/11/2023 05:30	2.8	253	21	4.6	0.0
03/11/2023 05:40	3.1	260	21	4.7	0.0
03/11/2023 05:50	3.1	259	25	5.1	0.0
03/11/2023 06:00	3.2	251	23	5.2	0.0
03/11/2023 06:10	3.5	251	20	5.9	0.0
03/11/2023 06:20	3.6	249	16	5.6	0.0
03/11/2023 06:30	4.1	252	17	6.4	0.0
03/11/2023 06:40	4.6	238	20	6.7	0.0
03/11/2023 06:50	4.4	238	16	6.6	0.0
03/11/2023 07:00	4.1	234	17	6.1	0.0
03/11/2023 07:10	4.5	237	14	6.2	0.0
03/11/2023 07:20	3.8	237	16	5.4	0.0
03/11/2023 07:30	3.7	227	21	5.8	0.0
03/11/2023 07:40	3.8	219	17	6.0	0.0
03/11/2023 07:50	3.7	211	16	5.6	0.0
03/11/2023 08:00	3.4	221	18	5.3	0.0
03/11/2023 08:10	3.8	219	15	5.7	0.0
03/11/2023 08:20	4.2	205	19	6.0	0.0
03/11/2023 08:30	2.9	196	22	4.6	0.0
03/11/2023 08:40	2.4	185	24	4.4	0.0
03/11/2023 08:50	2.2	185	21	3.5	0.0
03/11/2023 09:00	2.3	193	16	3.2	0.0
03/11/2023 09:10	2.0	196	26	4.0	0.0
03/11/2023 09:20	2.5	201	21	3.6	0.0
03/11/2023 09:30	2.3	213	27	4.1	0.0
03/11/2023 09:40	2.3	222	28	3.8	0.0
03/11/2023 09:50	2.6	232	17	3.9	0.0
03/11/2023 10:00	2.8	230	20	4.3	0.0
03/11/2023 10:10	2.6	213	16	3.6	0.0
03/11/2023 10:20	2.6	218	23	4.0	0.0
03/11/2023 10:30	2.7	234	18	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 10:40	3.0	241	20	4.8	0.0
03/11/2023 10:50	3.7	242	16	5.3	0.0
03/11/2023 11:00	3.4	261	17	4.8	0.0
03/11/2023 11:10	4.6	256	16	6.3	0.0
03/11/2023 11:20	4.4	257	15	6.4	0.0
03/11/2023 11:30	4.8	253	16	6.5	0.0
03/11/2023 11:40	4.6	253	16	6.1	0.0
03/11/2023 11:50	4.5	254	17	6.4	0.0
03/11/2023 12:00	4.4	255	15	6.0	0.0
03/11/2023 12:10	4.3	254	18	6.0	0.0
03/11/2023 12:20	4.0	259	15	5.8	0.0
03/11/2023 12:30	3.9	259	16	5.5	0.0
03/11/2023 12:40	4.4	256	14	6.0	0.0
03/11/2023 12:50	4.2	258	15	6.0	0.0
03/11/2023 13:00	4.1	259	15	6.0	0.0
03/11/2023 13:10	4.2	255	15	6.0	0.0
03/11/2023 13:20	4.1	257	17	6.0	0.0
03/11/2023 13:30	4.1	260	15	5.6	0.0
03/11/2023 13:40	4.0	259	18	5.8	0.0
03/11/2023 13:50	4.2	262	16	6.4	0.0
03/11/2023 14:00	4.3	258	16	5.8	0.0
03/11/2023 14:10	4.4	249	15	5.9	0.0
03/11/2023 14:20	4.5	255	14	6.3	0.0
03/11/2023 14:30	4.5	250	14	6.0	0.0
03/11/2023 14:40	4.3	254	18	6.2	0.0
03/11/2023 14:50	4.1	255	14	6.0	0.0
03/11/2023 15:00	4.4	248	16	6.4	0.0
03/11/2023 15:10	4.2	249	16	5.8	0.0
03/11/2023 15:20	4.0	248	15	6.0	0.0
03/11/2023 15:30	4.3	249	15	5.9	0.0
03/11/2023 15:40	4.1	258	14	5.3	0.0
03/11/2023 15:50	4.4	257	15	6.6	0.0
03/11/2023 16:00	4.2	252	17	5.9	0.0
03/11/2023 16:10	4.8	255	18	6.8	0.0
03/11/2023 16:20	4.6	255	18	6.4	0.0
03/11/2023 16:30	4.0	252	16	6.1	0.0
03/11/2023 16:40	4.3	255	14	6.5	0.0
03/11/2023 16:50	4.4	256	14	6.0	0.0
03/11/2023 17:00	4.1	257	15	5.8	0.0
03/11/2023 17:10	4.0	255	17	5.9	0.0
03/11/2023 17:20	3.9	257	16	5.6	0.0
03/11/2023 17:30	3.6	256	14	5.2	0.0
03/11/2023 17:40	4.0	259	16	5.7	0.0
03/11/2023 17:50	4.0	256	13	5.7	0.0
03/11/2023 18:00	4.0	251	16	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/11/2023 18:10	4.0	250	15	5.9	0.0
03/11/2023 18:20	3.6	252	17	5.1	0.0
03/11/2023 18:30	3.8	252	16	5.6	0.0
03/11/2023 18:40	3.8	252	16	5.2	0.0
03/11/2023 18:50	3.8	254	13	5.5	0.0
03/11/2023 19:00	3.8	257	13	5.2	0.0
03/11/2023 19:10	3.6	257	16	5.0	0.0
03/11/2023 19:20	3.9	252	14	5.2	0.0
03/11/2023 19:30	3.9	254	14	5.3	0.0
03/11/2023 19:40	4.1	254	13	5.6	0.0
03/11/2023 19:50	3.9	254	14	5.2	0.0
03/11/2023 20:00	3.6	255	16	5.4	0.0
03/11/2023 20:10	3.5	253	13	4.8	0.0
03/11/2023 20:20	3.7	255	16	5.6	0.0
03/11/2023 20:30	3.4	251	16	5.2	0.0
03/11/2023 20:40	3.6	254	15	5.1	0.0
03/11/2023 20:50	3.9	258	15	5.4	0.0
03/11/2023 21:00	3.4	256	15	5.0	0.0
03/11/2023 21:10	3.9	256	16	5.5	0.0
03/11/2023 21:20	3.6	259	14	5.0	0.0
03/11/2023 21:30	3.5	258	15	4.6	0.0
03/11/2023 21:40	3.6	260	17	4.9	0.0
03/11/2023 21:50	3.3	256	18	4.9	0.0
03/11/2023 22:00	3.3	255	17	5.1	0.0
03/11/2023 22:10	3.1	254	16	4.4	0.0
03/11/2023 22:20	3.3	256	18	5.2	0.0
03/11/2023 22:30	2.9	250	16	4.2	0.0
03/11/2023 22:40	3.6	257	15	5.6	0.0
03/11/2023 22:50	3.9	254	16	5.6	0.0
03/11/2023 23:00	3.5	252	16	5.0	0.0
03/11/2023 23:10	3.9	250	15	6.0	0.0
03/11/2023 23:20	3.5	253	15	5.5	0.0
03/11/2023 23:30	3.3	249	19	5.2	0.0
03/11/2023 23:40	3.4	253	14	5.5	0.0
03/11/2023 23:50	3.7	251	16	5.2	0.0
04/11/2023 00:00	3.6	252	18	5.0	0.0
04/11/2023 00:10	3.5	250	16	5.3	0.0
04/11/2023 00:20	3.3	245	18	5.0	0.0
04/11/2023 00:30	3.8	241	16	5.7	0.0
04/11/2023 00:40	3.2	242	17	5.4	0.0
04/11/2023 00:50	3.5	250	17	5.4	0.0
04/11/2023 01:00	4.0	256	14	5.6	0.0
04/11/2023 01:10	3.8	256	13	5.2	0.0
04/11/2023 01:20	3.8	261	16	6.0	0.0
04/11/2023 01:30	4.1	258	16	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 01:40	4.1	259	15	5.7	0.0
04/11/2023 01:50	4.2	256	15	6.4	0.0
04/11/2023 02:00	4.0	257	16	5.6	0.0
04/11/2023 02:10	4.1	259	14	5.6	0.0
04/11/2023 02:20	4.3	263	14	5.7	0.0
04/11/2023 02:30	4.0	257	16	5.8	0.0
04/11/2023 02:40	4.0	257	16	5.6	0.0
04/11/2023 02:50	3.9	259	15	5.4	0.0
04/11/2023 03:00	3.7	260	15	5.2	0.0
04/11/2023 03:10	3.8	264	15	5.2	0.0
04/11/2023 03:20	3.7	264	15	5.1	0.0
04/11/2023 03:30	3.7	267	16	5.0	0.0
04/11/2023 03:40	4.0	258	15	5.4	0.0
04/11/2023 03:50	3.8	260	15	5.2	0.0
04/11/2023 04:00	4.0	264	16	5.6	0.0
04/11/2023 04:10	3.7	261	17	5.2	0.0
04/11/2023 04:20	3.3	262	17	4.6	0.0
04/11/2023 04:30	3.3	266	14	4.4	0.0
04/11/2023 04:40	3.0	267	14	4.3	0.0
04/11/2023 04:50	3.2	265	17	4.8	0.0
04/11/2023 05:00	3.1	268	16	4.6	0.0
04/11/2023 05:10	2.7	262	17	3.8	0.0
04/11/2023 05:20	2.3	260	16	3.4	0.0
04/11/2023 05:30	3.1	265	12	4.3	0.0
04/11/2023 05:40	3.1	265	14	4.2	0.0
04/11/2023 05:50	2.9	259	15	4.2	0.0
04/11/2023 06:00	2.6	260	16	3.8	0.0
04/11/2023 06:10	2.7	263	16	4.0	0.0
04/11/2023 06:20	2.9	265	15	3.9	0.0
04/11/2023 06:30	2.9	264	16	3.9	0.0
04/11/2023 06:40	3.1	267	14	4.0	0.0
04/11/2023 06:50	2.7	266	17	3.9	0.0
04/11/2023 07:00	2.6	274	19	3.6	0.0
04/11/2023 07:10	2.5	263	19	3.5	0.0
04/11/2023 07:20	2.3	251	21	3.3	0.0
04/11/2023 07:30	2.2	242	23	3.6	0.0
04/11/2023 07:40	1.7	270	36	3.1	0.0
04/11/2023 07:50	1.8	274	22	2.8	0.0
04/11/2023 08:00	1.9	273	29	3.2	0.0
04/11/2023 08:10	1.3	241	45	2.3	0.0
04/11/2023 08:20	1.5	256	43	2.7	0.0
04/11/2023 08:30	1.4	204	50	2.3	0.0
04/11/2023 08:40	1.7	191	44	3.0	0.0
04/11/2023 08:50	1.9	195	26	3.5	0.0
04/11/2023 09:00	1.9	178	27	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 09:10	2.0	168	36	3.2	0.0
04/11/2023 09:20	2.3	181	24	3.5	0.0
04/11/2023 09:30	2.2	173	27	3.2	0.0
04/11/2023 09:40	1.9	143	33	2.9	0.0
04/11/2023 09:50	2.0	99	23	2.9	0.0
04/11/2023 10:00	1.6	109	29	2.8	0.0
04/11/2023 10:10	1.8	116	28	3.3	0.0
04/11/2023 10:20	1.9	110	34	3.3	0.0
04/11/2023 10:30	1.7	104	37	3.2	0.0
04/11/2023 10:40	1.9	100	33	3.1	0.0
04/11/2023 10:50	1.6	114	42	2.9	0.0
04/11/2023 11:00	1.6	106	28	2.7	0.0
04/11/2023 11:10	1.5	98	37	2.5	0.0
04/11/2023 11:20	1.6	102	43	3.1	0.0
04/11/2023 11:30	1.6	111	39	3.2	0.0
04/11/2023 11:40	1.7	101	36	2.8	0.0
04/11/2023 11:50	2.3	55	24	3.2	0.0
04/11/2023 12:00	2.1	60	33	3.9	0.0
04/11/2023 12:10	2.0	58	26	3.2	0.0
04/11/2023 12:20	2.6	68	23	4.0	0.0
04/11/2023 12:30	2.3	17	35	4.6	0.0
04/11/2023 12:40	2.1	183	39	3.3	0.0
04/11/2023 12:50	1.8	7	35	3.2	0.0
04/11/2023 13:00	2.3	8	33	3.6	0.0
04/11/2023 13:10	2.4	3	31	3.6	0.0
04/11/2023 13:20	2.3	6	31	4.0	0.0
04/11/2023 13:30	2.2	176	36	3.6	0.0
04/11/2023 13:40	2.0	169	42	3.5	0.0
04/11/2023 13:50	2.7	328	24	4.6	0.0
04/11/2023 14:00	2.5	330	30	4.3	0.0
04/11/2023 14:10	2.7	324	34	4.8	0.0
04/11/2023 14:20	2.4	338	38	3.7	0.0
04/11/2023 14:30	2.8	325	33	4.8	0.0
04/11/2023 14:40	2.9	326	32	5.4	0.0
04/11/2023 14:50	2.1	318	39	4.0	0.0
04/11/2023 15:00	2.4	293	46	4.2	0.0
04/11/2023 15:10	2.4	305	39	4.5	0.0
04/11/2023 15:20	2.4	275	42	4.0	0.0
04/11/2023 15:30	3.0	258	23	5.1	0.0
04/11/2023 15:40	2.8	258	23	4.2	0.0
04/11/2023 15:50	3.3	258	23	5.6	0.0
04/11/2023 16:00	3.7	260	22	5.3	0.0
04/11/2023 16:10	3.5	257	18	5.1	0.0
04/11/2023 16:20	3.0	257	18	4.2	0.0
04/11/2023 16:30	2.7	261	23	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/11/2023 16:40	2.8	257	19	4.1	0.0
04/11/2023 16:50	3.0	257	18	4.7	0.0
04/11/2023 17:00	3.8	246	17	5.6	0.0
04/11/2023 17:10	3.5	243	17	5.1	0.0
04/11/2023 17:20	3.4	244	15	5.1	0.0
04/11/2023 17:30	3.5	251	15	4.8	0.0
04/11/2023 17:40	3.5	253	15	4.9	0.0
04/11/2023 17:50	3.3	248	15	4.7	0.0
04/11/2023 18:00	3.4	245	17	5.0	0.0
04/11/2023 18:10	3.5	244	16	5.1	0.0
04/11/2023 18:20	3.9	249	15	5.2	0.0
04/11/2023 18:30	3.8	253	15	5.4	0.0
04/11/2023 18:40	3.8	253	16	5.6	0.0
04/11/2023 18:50	3.8	253	18	5.0	0.0
04/11/2023 19:00	4.4	251	14	6.3	0.0
04/11/2023 19:10	4.1	252	14	5.4	0.0
04/11/2023 19:20	4.3	252	13	5.9	0.0
04/11/2023 19:30	4.4	252	14	5.8	0.0
04/11/2023 19:40	4.2	253	12	5.6	0.0
04/11/2023 19:50	3.9	253	15	5.8	0.0
04/11/2023 20:00	4.1	254	17	6.0	0.0
04/11/2023 20:10	4.4	251	14	6.0	0.0
04/11/2023 20:20	4.5	251	13	6.0	0.0
04/11/2023 20:30	4.2	258	15	5.9	0.0
04/11/2023 20:40	4.3	259	15	6.4	0.0
04/11/2023 20:50	4.2	257	14	5.9	0.0
04/11/2023 21:00	4.0	254	16	5.5	0.0
04/11/2023 21:10	3.8	251	16	5.4	0.0
04/11/2023 21:20	4.0	253	16	5.6	0.0
04/11/2023 21:30	3.9	250	15	5.8	0.0
04/11/2023 21:40	4.0	250	18	5.6	0.0
04/11/2023 21:50	4.3	252	13	6.0	0.0
04/11/2023 22:00	4.4	252	15	6.6	0.0
04/11/2023 22:10	3.8	255	18	5.9	0.0
04/11/2023 22:20	4.2	254	15	5.7	0.0
04/11/2023 22:30	3.8	251	17	5.3	0.0
04/11/2023 22:40	3.2	248	19	5.2	0.0
04/11/2023 22:50	3.7	257	18	5.3	0.0
04/11/2023 23:00	3.8	257	15	5.2	0.0
04/11/2023 23:10	3.8	257	16	5.8	0.0
04/11/2023 23:20	3.5	263	14	4.6	0.0
04/11/2023 23:30	3.4	256	16	4.9	0.0
04/11/2023 23:40	3.6	259	15	5.2	0.0
04/11/2023 23:50	3.9	257	14	5.3	0.0
05/11/2023 00:00	3.6	256	15	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 00:10	3.6	261	17	5.2	0.0
05/11/2023 00:20	3.7	261	14	5.1	0.0
05/11/2023 00:30	3.5	260	15	5.2	0.0
05/11/2023 00:40	3.4	265	17	4.7	0.0
05/11/2023 00:50	3.2	264	15	4.3	0.0
05/11/2023 01:00	3.7	265	14	4.8	0.0
05/11/2023 01:10	3.6	265	14	5.2	0.0
05/11/2023 01:20	3.6	266	15	4.9	0.0
05/11/2023 01:30	3.4	266	14	4.8	0.0
05/11/2023 01:40	3.6	264	12	5.0	0.0
05/11/2023 01:50	3.6	267	15	5.0	0.0
05/11/2023 02:00	3.4	264	15	4.5	0.0
05/11/2023 02:10	2.7	262	19	4.0	0.0
05/11/2023 02:20	2.7	264	17	4.0	0.0
05/11/2023 02:30	2.8	266	16	4.3	0.0
05/11/2023 02:40	3.3	269	17	4.6	0.0
05/11/2023 02:50	3.0	269	18	4.5	0.0
05/11/2023 03:00	2.9	264	17	4.0	0.0
05/11/2023 03:10	3.0	271	17	4.3	0.0
05/11/2023 03:20	2.7	263	15	3.7	0.0
05/11/2023 03:30	3.3	260	16	4.7	0.0
05/11/2023 03:40	3.2	257	15	4.3	0.0
05/11/2023 03:50	2.7	258	19	3.8	0.0
05/11/2023 04:00	3.0	260	20	4.3	0.0
05/11/2023 04:10	2.4	242	20	3.6	0.0
05/11/2023 04:20	2.5	235	21	3.9	0.0
05/11/2023 04:30	2.8	235	19	4.6	0.0
05/11/2023 04:40	2.8	239	18	4.1	0.0
05/11/2023 04:50	2.5	230	16	3.6	0.0
05/11/2023 05:00	2.3	222	18	3.2	0.0
05/11/2023 05:10	2.3	218	17	3.2	0.0
05/11/2023 05:20	1.9	215	16	2.9	0.0
05/11/2023 05:30	2.1	214	17	3.2	0.0
05/11/2023 05:40	2.5	202	17	4.0	0.0
05/11/2023 05:50	2.6	189	19	4.0	0.0
05/11/2023 06:00	2.3	195	16	3.4	0.0
05/11/2023 06:10	2.7	185	16	3.9	0.0
05/11/2023 06:20	2.6	186	18	4.4	0.0
05/11/2023 06:30	2.4	189	17	3.4	0.0
05/11/2023 06:40	2.0	170	22	3.2	0.0
05/11/2023 06:50	2.4	153	23	4.3	0.0
05/11/2023 07:00	2.5	151	23	3.9	0.0
05/11/2023 07:10	2.3	140	26	4.3	0.0
05/11/2023 07:20	2.3	136	27	3.7	0.0
05/11/2023 07:30	2.7	126	24	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 07:40	2.6	108	33	4.7	0.0
05/11/2023 07:50	2.9	99	35	4.7	0.0
05/11/2023 08:00	3.2	99	29	4.9	0.0
05/11/2023 08:10	3.3	95	27	5.2	0.0
05/11/2023 08:20	3.5	87	27	5.8	0.0
05/11/2023 08:30	3.7	97	29	6.0	0.0
05/11/2023 08:40	3.9	90	21	6.0	0.0
05/11/2023 08:50	3.5	89	23	5.2	0.0
05/11/2023 09:00	3.6	86	27	6.0	0.0
05/11/2023 09:10	3.7	95	28	5.4	0.0
05/11/2023 09:20	3.6	97	28	5.4	0.0
05/11/2023 09:30	3.7	80	24	6.0	0.0
05/11/2023 09:40	3.6	83	25	5.6	0.0
05/11/2023 09:50	3.3	67	22	5.4	0.0
05/11/2023 10:00	3.5	68	23	5.2	0.0
05/11/2023 10:10	3.6	60	18	5.6	0.0
05/11/2023 10:20	3.7	63	17	6.0	0.0
05/11/2023 10:30	3.4	65	20	5.7	0.0
05/11/2023 10:40	3.3	62	26	5.3	0.0
05/11/2023 10:50	3.5	65	20	5.4	0.0
05/11/2023 11:00	3.4	64	21	5.9	0.0
05/11/2023 11:10	3.5	63	21	4.7	0.0
05/11/2023 11:20	3.4	68	23	5.4	0.0
05/11/2023 11:30	3.2	67	22	5.2	0.0
05/11/2023 11:40	3.5	63	23	5.5	0.0
05/11/2023 11:50	3.5	62	20	5.6	0.0
05/11/2023 12:00	3.2	63	20	4.9	0.0
05/11/2023 12:10	3.7	53	20	5.8	0.0
05/11/2023 12:20	3.4	55	19	5.6	0.0
05/11/2023 12:30	3.3	60	21	5.8	0.0
05/11/2023 12:40	3.7	49	22	5.7	0.0
05/11/2023 12:50	3.7	56	20	6.2	0.0
05/11/2023 13:00	3.6	59	20	5.6	0.0
05/11/2023 13:10	3.3	60	24	5.4	0.0
05/11/2023 13:20	3.2	62	21	4.9	0.0
05/11/2023 13:30	3.2	51	23	5.6	0.0
05/11/2023 13:40	3.7	60	21	5.8	0.0
05/11/2023 13:50	3.3	48	21	4.9	0.0
05/11/2023 14:00	4.0	49	20	6.1	0.0
05/11/2023 14:10	4.1	52	21	6.9	0.0
05/11/2023 14:20	3.5	46	21	6.0	0.0
05/11/2023 14:30	3.6	51	18	5.8	0.0
05/11/2023 14:40	4.2	54	19	6.4	0.0
05/11/2023 14:50	4.1	54	19	6.7	0.0
05/11/2023 15:00	4.4	56	21	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 15:10	4.4	58	20	6.8	0.0
05/11/2023 15:20	3.9	55	21	5.8	0.0
05/11/2023 15:30	4.1	54	18	6.4	0.0
05/11/2023 15:40	3.6	53	19	5.6	0.0
05/11/2023 15:50	3.5	53	22	6.0	0.0
05/11/2023 16:00	3.1	41	22	5.5	0.0
05/11/2023 16:10	3.0	33	22	4.9	0.0
05/11/2023 16:20	2.7	27	24	4.5	0.0
05/11/2023 16:30	2.9	8	28	4.7	0.0
05/11/2023 16:40	3.3	17	24	5.2	0.0
05/11/2023 16:50	3.1	15	27	5.1	0.0
05/11/2023 17:00	3.6	17	25	5.7	0.0
05/11/2023 17:10	4.0	14	26	6.0	0.0
05/11/2023 17:20	3.7	18	25	6.0	0.0
05/11/2023 17:30	3.5	21	25	5.9	0.0
05/11/2023 17:40	3.4	17	30	5.3	0.0
05/11/2023 17:50	3.7	19	25	5.7	0.0
05/11/2023 18:00	3.5	20	25	5.2	0.0
05/11/2023 18:10	3.2	15	29	5.7	0.0
05/11/2023 18:20	2.5	10	34	4.6	0.0
05/11/2023 18:30	3.2	6	29	5.6	0.0
05/11/2023 18:40	3.1	11	29	5.3	0.0
05/11/2023 18:50	3.0	12	31	4.7	0.0
05/11/2023 19:00	2.9	17	27	4.8	0.0
05/11/2023 19:10	2.0	185	48	4.4	0.0
05/11/2023 19:20	1.8	12	42	3.3	0.0
05/11/2023 19:30	1.6	187	43	2.9	0.0
05/11/2023 19:40	1.9	173	33	3.2	0.0
05/11/2023 19:50	1.2	103	49	2.0	0.0
05/11/2023 20:00	0.6	107	28	1.5	0.0
05/11/2023 20:10	3.3	217	21	6.0	0.0
05/11/2023 20:20	1.7	255	34	3.5	0.0
05/11/2023 20:30	3.2	235	24	6.0	0.0
05/11/2023 20:40	1.2	208	21	1.9	0.0
05/11/2023 20:50	1.7	239	18	3.0	0.0
05/11/2023 21:00	1.0	217	29	1.6	0.0
05/11/2023 21:10	0.5	121	23	1.3	0.0
05/11/2023 21:20	0.3	79	12	0.9	0.0
05/11/2023 21:30	1.0	68	29	1.8	0.0
05/11/2023 21:40	0.9	109	37	1.8	0.0
05/11/2023 21:50	0.3	108	27	0.9	0.0
05/11/2023 22:00	0.1	119	44	0.8	0.0
05/11/2023 22:10	0.2	158	10	1.1	0.0
05/11/2023 22:20	0.5	206	26	1.4	0.0
05/11/2023 22:30	0.9	317	25	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/11/2023 22:40	0.2	106	24	0.8	0.0
05/11/2023 22:50	0.6	47	17	0.9	0.0
05/11/2023 23:00	0.5	40	18	1.0	0.0
05/11/2023 23:10	0.5	65	14	1.6	0.0
05/11/2023 23:20	0.3	56	12	0.9	0.0
05/11/2023 23:30	0.0	91	0	0.4	0.0
05/11/2023 23:40	0.5	108	28	1.2	0.0
05/11/2023 23:50	0.1	62	11	0.6	0.0
06/11/2023 00:00	0.3	48	13	0.8	0.0
06/11/2023 00:10	0.4	46	12	1.1	0.0
06/11/2023 00:20	0.3	65	15	1.1	0.0
06/11/2023 00:30	0.8	43	16	1.6	0.0
06/11/2023 00:40	1.3	46	17	2.0	0.0
06/11/2023 00:50	1.2	42	20	1.6	0.0
06/11/2023 01:00	0.7	47	17	1.4	0.0
06/11/2023 01:10	1.0	34	17	1.9	0.0
06/11/2023 01:20	1.0	26	24	1.6	0.0
06/11/2023 01:30	0.4	64	14	1.1	0.0
06/11/2023 01:40	0.0	221	0	0.4	0.0
06/11/2023 01:50					0.0
06/11/2023 02:00					0.0
06/11/2023 02:10					0.0
06/11/2023 02:20					0.0
06/11/2023 02:30					0.0
06/11/2023 02:40	0.5	7	10	1.9	0.0
06/11/2023 02:50	1.2	19	21	1.8	0.0
06/11/2023 03:00	1.0	11	26	1.6	0.0
06/11/2023 03:10	0.9	28	19	1.6	0.0
06/11/2023 03:20	0.1	203	6	0.8	0.0
06/11/2023 03:30	0.0	2	2	0.4	0.0
06/11/2023 03:40	0.1	245	3	1.4	0.0
06/11/2023 03:50	0.4	266	7	1.4	0.0
06/11/2023 04:00	0.0	344	0	0.4	0.0
06/11/2023 04:10	0.0	27	0	0.4	0.0
06/11/2023 04:20	0.4	24	7	1.1	0.0
06/11/2023 04:30	0.1	220	4	0.6	0.0
06/11/2023 04:40					0.0
06/11/2023 04:50					0.0
06/11/2023 05:00	0.1	236	2	0.8	0.0
06/11/2023 05:10	1.3	252	10	2.0	0.0
06/11/2023 05:20	1.7	244	16	2.5	0.0
06/11/2023 05:30	1.4	233	19	2.3	0.0
06/11/2023 05:40	1.3	243	13	1.8	0.0
06/11/2023 05:50	0.6	244	19	1.3	0.0
06/11/2023 06:00	0.1	254	11	0.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 06:10	0.3	299	8	0.8	0.0
06/11/2023 06:20					0.0
06/11/2023 06:30					0.0
06/11/2023 06:40	0.5	346	9	0.8	0.0
06/11/2023 06:50	0.2	288	11	0.9	0.0
06/11/2023 07:00	0.4	271	16	1.2	0.0
06/11/2023 07:10	0.3	234	9	1.2	0.0
06/11/2023 07:20	0.3	157	14	0.8	0.0
06/11/2023 07:30	1.0	184	21	1.6	0.0
06/11/2023 07:40	1.3	177	20	2.1	0.0
06/11/2023 07:50	1.5	182	20	2.4	0.0
06/11/2023 08:00	1.4	158	26	2.3	0.0
06/11/2023 08:10	1.5	167	25	2.8	0.0
06/11/2023 08:20	1.7	169	27	2.8	0.0
06/11/2023 08:30	1.6	155	27	2.8	0.0
06/11/2023 08:40	1.6	159	28	2.6	0.0
06/11/2023 08:50	1.6	145	24	3.0	0.0
06/11/2023 09:00	1.8	122	28	2.8	0.0
06/11/2023 09:10	1.5	129	36	2.8	0.0
06/11/2023 09:20	1.7	112	29	2.7	0.0
06/11/2023 09:30	1.8	118	27	3.0	0.0
06/11/2023 09:40	1.9	118	26	3.3	0.0
06/11/2023 09:50	1.9	110	28	3.2	0.0
06/11/2023 10:00	2.0	105	24	3.6	0.0
06/11/2023 10:10	1.9	99	24	3.1	0.0
06/11/2023 10:20	1.8	106	24	3.0	0.0
06/11/2023 10:30	2.0	93	24	3.1	0.0
06/11/2023 10:40	1.7	117	35	3.1	0.0
06/11/2023 10:50	1.8	107	30	3.2	0.0
06/11/2023 11:00	1.7	114	36	2.6	0.0
06/11/2023 11:10	1.8	75	30	3.1	0.0
06/11/2023 11:20	1.8	54	35	3.0	0.0
06/11/2023 11:30	1.8	68	24	3.2	0.0
06/11/2023 11:40	1.7	51	35	2.9	0.0
06/11/2023 11:50	2.3	66	24	3.6	0.0
06/11/2023 12:00	2.1	31	36	3.7	0.0
06/11/2023 12:10	2.2	356	36	3.5	0.0
06/11/2023 12:20	2.4	342	30	4.0	0.0
06/11/2023 12:30	2.5	343	27	4.3	0.0
06/11/2023 12:40	2.6	330	26	4.3	0.0
06/11/2023 12:50	2.8	336	26	4.5	0.0
06/11/2023 13:00	2.9	327	24	4.4	0.0
06/11/2023 13:10	3.1	328	18	4.4	0.0
06/11/2023 13:20	2.2	322	37	3.5	0.0
06/11/2023 13:30	2.7	324	31	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 13:40	3.0	336	24	4.6	0.0
06/11/2023 13:50	2.8	323	28	4.4	0.0
06/11/2023 14:00	3.3	331	24	4.9	0.0
06/11/2023 14:10	3.3	322	22	4.8	0.0
06/11/2023 14:20	3.1	333	24	5.0	0.0
06/11/2023 14:30	3.4	329	21	5.1	0.0
06/11/2023 14:40	2.8	314	33	4.3	0.0
06/11/2023 14:50	2.4	309	38	4.4	0.0
06/11/2023 15:00	2.5	288	30	4.0	0.0
06/11/2023 15:10	3.2	258	19	5.1	0.0
06/11/2023 15:20	3.1	260	21	4.8	0.0
06/11/2023 15:30	3.6	257	16	5.5	0.0
06/11/2023 15:40	3.0	267	21	4.6	0.0
06/11/2023 15:50	2.5	304	42	4.2	0.0
06/11/2023 16:00	2.9	303	37	5.1	0.0
06/11/2023 16:10	3.1	270	27	5.2	0.0
06/11/2023 16:20	2.9	261	28	4.9	0.0
06/11/2023 16:30	2.9	315	33	4.7	0.0
06/11/2023 16:40	3.1	318	31	4.8	0.0
06/11/2023 16:50	3.0	172	24	5.1	0.0
06/11/2023 17:00	2.4	176	35	4.2	0.0
06/11/2023 17:10	3.1	256	29	5.3	0.0
06/11/2023 17:20	3.8	248	17	6.4	0.0
06/11/2023 17:30	4.1	234	20	6.0	0.0
06/11/2023 17:40	3.9	243	18	5.9	0.0
06/11/2023 17:50	4.2	225	16	5.8	0.0
06/11/2023 18:00	3.7	251	17	5.5	0.0
06/11/2023 18:10	3.6	253	17	5.2	0.0
06/11/2023 18:20	3.1	248	17	4.7	0.0
06/11/2023 18:30	2.7	240	16	4.0	0.0
06/11/2023 18:40	2.5	256	15	4.2	0.0
06/11/2023 18:50	2.4	241	17	4.0	0.0
06/11/2023 19:00	2.6	251	18	3.8	0.0
06/11/2023 19:10	2.9	253	18	4.1	0.0
06/11/2023 19:20	3.2	263	15	4.4	0.0
06/11/2023 19:30	3.5	256	18	5.0	0.0
06/11/2023 19:40	3.4	237	19	5.2	0.0
06/11/2023 19:50	4.0	211	17	6.4	0.0
06/11/2023 20:00	4.4	207	17	6.4	0.0
06/11/2023 20:10	4.2	206	15	6.0	0.0
06/11/2023 20:20	3.5	206	13	5.6	0.0
06/11/2023 20:30	2.9	219	17	4.7	0.0
06/11/2023 20:40	2.7	227	17	3.7	0.0
06/11/2023 20:50	3.8	205	17	5.7	0.0
06/11/2023 21:00	4.8	211	18	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/11/2023 21:10	5.2	201	20	8.1	0.0
06/11/2023 21:20	4.8	190	17	7.9	0.0
06/11/2023 21:30	5.2	191	13	7.7	0.0
06/11/2023 21:40	4.8	188	17	7.5	0.0
06/11/2023 21:50	3.6	187	16	5.6	0.0
06/11/2023 22:00	2.5	179	21	4.4	0.0
06/11/2023 22:10	1.5	163	23	2.6	0.0
06/11/2023 22:20	0.9	132	29	1.8	0.0
06/11/2023 22:30	1.6	164	26	2.5	0.0
06/11/2023 22:40	1.2	162	22	2.0	0.0
06/11/2023 22:50	1.1	139	35	1.8	0.0
06/11/2023 23:00	1.6	169	24	3.1	0.0
06/11/2023 23:10	3.3	185	18	5.1	0.0
06/11/2023 23:20	3.7	191	17	5.3	0.0
06/11/2023 23:30	4.0	189	15	5.7	0.0
06/11/2023 23:40	3.8	185	18	6.0	0.0
06/11/2023 23:50	4.1	185	20	6.1	0.0
07/11/2023 00:00	4.2	187	17	7.1	0.0
07/11/2023 00:10	4.1	181	21	6.4	0.0
07/11/2023 00:20	3.8	179	17	6.2	0.0
07/11/2023 00:30	3.6	177	21	5.6	0.0
07/11/2023 00:40	3.9	182	16	6.4	0.0
07/11/2023 00:50	4.2	184	16	6.4	0.0
07/11/2023 01:00	4.2	178	22	6.8	0.0
07/11/2023 01:10	4.2	182	19	6.8	0.0
07/11/2023 01:20	4.3	181	18	6.4	0.0
07/11/2023 01:30	4.2	184	19	6.7	0.0
07/11/2023 01:40	4.7	185	18	7.3	0.0
07/11/2023 01:50	4.5	187	14	6.8	0.0
07/11/2023 02:00	4.5	183	18	7.2	0.0
07/11/2023 02:10	4.3	184	18	6.0	0.0
07/11/2023 02:20	4.8	189	16	7.3	0.0
07/11/2023 02:30	4.1	185	18	6.4	0.0
07/11/2023 02:40	4.5	182	18	6.5	0.0
07/11/2023 02:50	4.4	183	17	6.6	0.0
07/11/2023 03:00	4.9	191	14	7.1	0.0
07/11/2023 03:10	5.5	185	18	8.1	0.0
07/11/2023 03:20	4.9	185	17	7.2	0.0
07/11/2023 03:30	5.9	188	15	8.6	0.0
07/11/2023 03:40	4.9	184	17	7.0	0.0
07/11/2023 03:50	5.0	191	16	8.0	0.0
07/11/2023 04:00	5.3	188	16	7.9	0.0
07/11/2023 04:10	5.2	184	16	7.6	0.0
07/11/2023 04:20	4.3	181	19	6.4	0.0
07/11/2023 04:30	4.2	184	16	6.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 04:40	4.7	187	16	6.6	0.0
07/11/2023 04:50	5.5	185	16	8.3	0.0
07/11/2023 05:00	5.5	187	16	8.0	0.0
07/11/2023 05:10	5.7	189	15	8.3	0.0
07/11/2023 05:20	5.1	188	16	7.5	0.0
07/11/2023 05:30	5.5	187	15	8.3	0.0
07/11/2023 05:40	5.0	184	17	7.3	0.0
07/11/2023 05:50	4.3	182	19	7.1	0.0
07/11/2023 06:00	3.9	180	21	6.2	0.0
07/11/2023 06:10	4.9	189	14	7.2	0.0
07/11/2023 06:20	3.8	185	18	6.5	0.0
07/11/2023 06:30	5.2	189	20	7.3	0.0
07/11/2023 06:40	5.1	199	17	8.3	0.0
07/11/2023 06:50	5.3	202	17	7.6	0.0
07/11/2023 07:00	6.0	194	18	9.2	0.0
07/11/2023 07:10	5.8	191	16	8.1	0.0
07/11/2023 07:20	5.5	179	20	8.1	0.0
07/11/2023 07:30	5.6	182	19	7.6	0.0
07/11/2023 07:40	4.4	179	23	7.4	0.0
07/11/2023 07:50	5.1	182	18	8.2	0.0
07/11/2023 08:00	5.7	189	21	8.9	0.0
07/11/2023 08:10	6.6	193	15	9.4	0.0
07/11/2023 08:20	6.4	193	18	10.3	0.0
07/11/2023 08:30	6.3	188	19	9.1	0.0
07/11/2023 08:40	6.4	188	19	9.8	0.0
07/11/2023 08:50	8.4	188	19	12.9	0.0
07/11/2023 09:00	7.8	192	15	12.3	0.0
07/11/2023 09:10	7.0	184	20	10.8	0.0
07/11/2023 09:20	7.5	187	18	10.8	0.0
07/11/2023 09:30	7.9	192	16	11.5	0.0
07/11/2023 09:40	7.0	182	17	10.5	0.0
07/11/2023 09:50	6.3	190	24	8.9	0.0
07/11/2023 10:00	6.1	194	20	10.1	0.0
07/11/2023 10:10	8.1	191	18	12.3	0.0
07/11/2023 10:20	7.7	191	16	11.3	0.0
07/11/2023 10:30	8.0	194	17	11.1	0.0
07/11/2023 10:40	6.4	192	19	8.8	0.0
07/11/2023 10:50	5.7	193	18	8.1	0.0
07/11/2023 11:00	6.0	206	17	8.8	0.0
07/11/2023 11:10	5.8	203	17	8.9	0.0
07/11/2023 11:20	5.6	200	19	7.9	0.0
07/11/2023 11:30	5.8	204	17	8.8	0.0
07/11/2023 11:40	5.6	198	19	9.8	0.0
07/11/2023 11:50	6.3	204	18	9.7	0.0
07/11/2023 12:00	6.2	207	19	8.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 12:10	5.5	199	17	8.7	0.0
07/11/2023 12:20	6.0	202	18	9.2	0.0
07/11/2023 12:30	6.4	196	19	9.6	0.0
07/11/2023 12:40	6.9	200	19	10.3	0.0
07/11/2023 12:50	6.4	198	20	9.5	0.0
07/11/2023 13:00	6.0	198	18	8.3	0.0
07/11/2023 13:10	8.5	209	20	13.4	0.0
07/11/2023 13:20	7.8	236	19	12.5	0.0
07/11/2023 13:30	6.8	237	18	10.0	0.0
07/11/2023 13:40	5.5	239	17	8.3	0.0
07/11/2023 13:50	5.3	221	18	7.9	0.0
07/11/2023 14:00	6.7	206	17	10.4	0.0
07/11/2023 14:10	7.3	211	17	11.5	0.0
07/11/2023 14:20	6.0	210	15	8.7	0.0
07/11/2023 14:30	6.9	227	20	11.5	0.0
07/11/2023 14:40	5.9	242	21	9.0	0.0
07/11/2023 14:50	6.8	247	20	10.7	0.0
07/11/2023 15:00	5.9	250	18	8.9	0.0
07/11/2023 15:10	4.6	244	26	7.8	0.0
07/11/2023 15:20	3.7	250	18	5.7	0.0
07/11/2023 15:30	3.6	247	17	5.4	0.0
07/11/2023 15:40	3.4	245	22	5.5	0.0
07/11/2023 15:50	2.8	248	22	4.3	0.0
07/11/2023 16:00	2.6	255	18	4.1	0.0
07/11/2023 16:10	2.5	252	16	4.1	0.0
07/11/2023 16:20	2.4	242	17	3.6	0.0
07/11/2023 16:30	2.6	238	15	3.7	0.0
07/11/2023 16:40	2.7	238	16	4.2	0.0
07/11/2023 16:50	2.2	254	19	3.0	0.0
07/11/2023 17:00	2.5	241	18	3.6	0.0
07/11/2023 17:10	3.0	226	16	4.4	0.0
07/11/2023 17:20	2.9	231	17	4.2	0.0
07/11/2023 17:30	2.2	247	20	3.4	0.0
07/11/2023 17:40	2.5	262	14	3.5	0.0
07/11/2023 17:50	2.7	256	18	4.1	0.0
07/11/2023 18:00	1.9	250	23	3.2	0.0
07/11/2023 18:10	2.0	262	15	3.3	0.0
07/11/2023 18:20	2.1	263	18	3.1	0.0
07/11/2023 18:30	1.9	262	17	2.8	0.0
07/11/2023 18:40	2.3	270	15	3.2	0.0
07/11/2023 18:50	1.8	258	14	2.6	0.0
07/11/2023 19:00	1.9	265	15	2.8	0.0
07/11/2023 19:10	2.4	266	15	3.5	0.0
07/11/2023 19:20	2.5	268	16	3.5	0.0
07/11/2023 19:30	2.6	268	15	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/11/2023 19:40	2.6	265	15	3.7	0.0
07/11/2023 19:50	2.8	264	17	3.9	0.0
07/11/2023 20:00	3.1	264	14	4.1	0.0
07/11/2023 20:10	2.6	263	16	3.7	0.0
07/11/2023 20:20	2.9	269	16	4.0	0.0
07/11/2023 20:30	2.9	268	16	4.3	0.0
07/11/2023 20:40	2.7	267	18	4.0	0.0
07/11/2023 20:50	2.7	267	15	3.7	0.0
07/11/2023 21:00	2.6	262	16	3.8	0.0
07/11/2023 21:10	2.7	260	14	3.7	0.0
07/11/2023 21:20	3.0	260	18	4.4	0.0
07/11/2023 21:30	3.2	259	14	4.3	0.0
07/11/2023 21:40	3.0	260	16	4.3	0.0
07/11/2023 21:50	3.0	265	14	4.1	0.0
07/11/2023 22:00	2.8	261	15	4.2	0.0
07/11/2023 22:10	2.7	261	14	3.9	0.0
07/11/2023 22:20	3.1	260	17	4.1	0.0
07/11/2023 22:30	3.2	258	15	4.4	0.0
07/11/2023 22:40	3.3	258	14	4.6	0.0
07/11/2023 22:50	3.4	263	20	4.8	0.0
07/11/2023 23:00	3.8	262	15	5.2	0.0
07/11/2023 23:10	3.9	259	16	5.4	0.0
07/11/2023 23:20	3.7	255	16	5.4	0.0
07/11/2023 23:30	3.7	258	14	5.2	0.0
07/11/2023 23:40	3.9	264	16	5.4	0.0
07/11/2023 23:50	4.1	258	17	5.7	0.0
08/11/2023 00:00	3.6	259	16	5.1	0.0
08/11/2023 00:10	3.4	261	16	4.8	0.0
08/11/2023 00:20	3.6	261	17	5.3	0.0
08/11/2023 00:30	3.7	259	16	5.4	0.0
08/11/2023 00:40	3.7	247	17	6.0	0.0
08/11/2023 00:50	3.4	250	19	5.0	0.0
08/11/2023 01:00	3.4	254	17	4.8	0.0
08/11/2023 01:10	3.5	259	16	5.1	0.0
08/11/2023 01:20	3.9	263	16	5.3	0.0
08/11/2023 01:30	3.7	262	17	5.7	0.0
08/11/2023 01:40	3.6	259	14	5.8	0.0
08/11/2023 01:50	3.6	253	18	5.1	0.0
08/11/2023 02:00	3.6	254	17	5.7	0.0
08/11/2023 02:10	4.1	255	15	5.6	0.0
08/11/2023 02:20	4.2	254	16	6.4	0.0
08/11/2023 02:30	3.3	251	21	5.6	0.0
08/11/2023 02:40	3.3	244	23	5.4	0.0
08/11/2023 02:50	3.0	244	22	5.0	0.0
08/11/2023 03:00	3.8	262	17	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 03:10	3.4	269	17	4.8	0.0
08/11/2023 03:20	2.8	281	20	4.0	0.0
08/11/2023 03:30	3.2	291	15	4.4	0.0
08/11/2023 03:40	3.4	282	20	5.5	0.0
08/11/2023 03:50	3.9	264	19	6.8	0.0
08/11/2023 04:00	3.6	260	20	5.5	0.0
08/11/2023 04:10	3.6	265	17	5.2	0.0
08/11/2023 04:20	3.3	267	16	4.8	0.0
08/11/2023 04:30	3.4	267	17	4.7	0.0
08/11/2023 04:40	3.3	269	18	4.7	0.0
08/11/2023 04:50	3.5	271	15	4.9	0.0
08/11/2023 05:00	3.5	269	16	4.8	0.0
08/11/2023 05:10	3.0	270	17	4.4	0.0
08/11/2023 05:20	3.0	274	18	4.4	0.0
08/11/2023 05:30	3.1	271	19	4.2	0.0
08/11/2023 05:40	3.0	271	18	4.2	0.0
08/11/2023 05:50	3.0	274	18	4.4	0.0
08/11/2023 06:00	3.2	273	18	4.7	0.0
08/11/2023 06:10	3.3	269	17	4.3	0.0
08/11/2023 06:20	3.3	269	16	4.8	0.0
08/11/2023 06:30	3.4	270	14	4.5	0.0
08/11/2023 06:40	3.1	266	19	4.5	0.0
08/11/2023 06:50	2.6	257	23	4.0	0.0
08/11/2023 07:00	2.4	255	17	3.6	0.0
08/11/2023 07:10	2.2	236	20	3.5	0.0
08/11/2023 07:20	1.9	224	24	3.1	0.0
08/11/2023 07:30	2.0	219	20	2.8	0.0
08/11/2023 07:40	1.9	166	30	3.2	0.0
08/11/2023 07:50	1.6	138	27	2.4	0.0
08/11/2023 08:00	2.0	142	24	3.2	0.0
08/11/2023 08:10	1.4	116	28	2.2	0.0
08/11/2023 08:20	0.9	132	42	1.8	0.0
08/11/2023 08:30	1.4	134	37	2.8	0.0
08/11/2023 08:40	1.4	120	26	2.4	0.0
08/11/2023 08:50	1.3	129	37	2.0	0.0
08/11/2023 09:00	1.7	184	33	2.7	0.0
08/11/2023 09:10	1.5	138	36	2.4	0.0
08/11/2023 09:20	1.5	140	36	2.8	0.0
08/11/2023 09:30	1.6	165	32	2.5	0.0
08/11/2023 09:40	1.4	124	43	2.2	0.0
08/11/2023 09:50	1.5	115	34	2.8	0.0
08/11/2023 10:00	1.6	111	35	3.1	0.0
08/11/2023 10:10	1.5	96	33	2.5	0.0
08/11/2023 10:20	1.6	117	41	2.4	0.0
08/11/2023 10:30	1.8	80	26	2.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 10:40	1.6	112	40	2.9	0.0
08/11/2023 10:50	1.6	116	43	2.6	0.0
08/11/2023 11:00	1.8	66	24	2.8	0.0
08/11/2023 11:10	1.4	85	35	2.7	0.0
08/11/2023 11:20	1.5	88	36	2.8	0.0
08/11/2023 11:30	1.6	71	47	2.8	0.0
08/11/2023 11:40	1.3	106	63	2.8	0.0
08/11/2023 11:50	1.3	77	31	2.4	0.0
08/11/2023 12:00	1.8	47	49	3.5	0.0
08/11/2023 12:10	1.4	28	35	2.5	0.0
08/11/2023 12:20	1.7	318	37	2.8	0.0
08/11/2023 12:30	2.1	344	40	3.5	0.0
08/11/2023 12:40	1.7	331	35	3.0	0.0
08/11/2023 12:50	2.5	314	27	4.2	0.0
08/11/2023 13:00	2.8	331	27	4.2	0.0
08/11/2023 13:10	3.0	324	27	4.7	0.0
08/11/2023 13:20	2.7	336	28	4.2	0.0
08/11/2023 13:30	2.7	323	30	4.4	0.0
08/11/2023 13:40	3.1	323	29	4.8	0.0
08/11/2023 13:50	2.9	321	30	4.9	0.0
08/11/2023 14:00	2.7	298	44	4.3	0.0
08/11/2023 14:10	2.4	298	44	4.3	0.0
08/11/2023 14:20	3.0	315	30	5.0	0.0
08/11/2023 14:30	3.4	319	31	5.5	0.0
08/11/2023 14:40	2.8	307	37	5.0	0.0
08/11/2023 14:50	3.1	274	38	5.2	0.0
08/11/2023 15:00	2.9	313	37	5.1	0.0
08/11/2023 15:10	2.9	269	32	4.8	0.0
08/11/2023 15:20	2.3	289	43	4.2	0.0
08/11/2023 15:30	3.1	316	34	5.3	0.0
08/11/2023 15:40	3.1	326	34	5.4	0.0
08/11/2023 15:50	2.8	306	39	4.8	0.0
08/11/2023 16:00	3.0	277	33	4.7	0.0
08/11/2023 16:10	3.0	287	37	5.2	0.0
08/11/2023 16:20	2.8	300	33	4.8	0.0
08/11/2023 16:30	3.3	313	38	6.3	0.0
08/11/2023 16:40	3.2	295	32	5.1	0.0
08/11/2023 16:50	2.9	292	43	5.2	0.0
08/11/2023 17:00	3.1	306	38	5.8	0.0
08/11/2023 17:10	3.2	301	32	5.4	0.0
08/11/2023 17:20	3.0	298	41	5.6	0.0
08/11/2023 17:30	2.9	285	40	5.2	0.0
08/11/2023 17:40	2.9	290	39	5.3	0.0
08/11/2023 17:50	2.5	306	43	4.8	0.0
08/11/2023 18:00	2.7	319	30	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/11/2023 18:10	3.2	314	31	6.2	0.0
08/11/2023 18:20	2.8	295	36	5.2	0.0
08/11/2023 18:30	2.9	293	37	5.1	0.0
08/11/2023 18:40	2.6	271	34	4.8	0.0
08/11/2023 18:50	2.5	261	26	3.8	0.0
08/11/2023 19:00	3.0	257	20	4.8	0.0
08/11/2023 19:10	3.1	258	23	4.4	0.0
08/11/2023 19:20	2.4	259	31	3.8	0.0
08/11/2023 19:30	3.5	254	19	5.2	0.0
08/11/2023 19:40	3.4	259	21	5.7	0.0
08/11/2023 19:50	3.9	255	16	5.9	0.0
08/11/2023 20:00	3.6	256	17	5.2	0.0
08/11/2023 20:10	3.1	252	16	4.8	0.0
08/11/2023 20:20	3.5	254	16	5.0	0.0
08/11/2023 20:30	3.2	257	19	5.3	0.0
08/11/2023 20:40	3.4	257	17	5.5	0.0
08/11/2023 20:50	3.3	257	17	5.0	0.0
08/11/2023 21:00	3.0	255	18	4.9	0.0
08/11/2023 21:10	4.1	255	18	6.4	0.0
08/11/2023 21:20	3.1	255	18	4.8	0.0
08/11/2023 21:30	3.8	249	16	5.4	0.0
08/11/2023 21:40	3.4	258	15	5.3	0.0
08/11/2023 21:50	3.5	262	17	5.6	0.0
08/11/2023 22:00	3.6	254	16	5.1	0.0
08/11/2023 22:10	4.0	255	14	6.1	0.0
08/11/2023 22:20	4.4	253	17	6.0	0.0
08/11/2023 22:30	4.2	253	17	5.9	0.0
08/11/2023 22:40	4.4	260	16	6.2	0.0
08/11/2023 22:50	4.1	257	15	6.5	0.0
08/11/2023 23:00	4.2	255	18	6.1	0.0
08/11/2023 23:10	4.3	255	16	6.6	0.0
08/11/2023 23:20	4.5	257	14	6.4	0.0
08/11/2023 23:30	4.3	258	18	6.2	0.0
08/11/2023 23:40	4.6	254	15	6.4	0.0
08/11/2023 23:50	4.2	254	17	5.9	0.0
09/11/2023 00:00	3.6	251	19	5.4	0.0
09/11/2023 00:10	3.6	248	17	5.5	0.0
09/11/2023 00:20	3.1	253	18	4.8	0.0
09/11/2023 00:30	3.5	254	16	5.1	0.0
09/11/2023 00:40	3.4	253	14	4.8	0.0
09/11/2023 00:50	2.7	250	19	4.4	0.0
09/11/2023 01:00	3.1	256	15	4.6	0.0
09/11/2023 01:10	3.3	259	16	4.8	0.0
09/11/2023 01:20	3.3	253	17	5.2	0.0
09/11/2023 01:30	3.6	253	14	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 01:40	4.0	257	14	5.6	0.0
09/11/2023 01:50	4.1	256	15	6.0	0.0
09/11/2023 02:00	4.3	253	15	5.8	0.0
09/11/2023 02:10	3.8	254	18	5.6	0.0
09/11/2023 02:20	4.2	257	13	5.9	0.0
09/11/2023 02:30	4.2	256	15	6.2	0.0
09/11/2023 02:40	4.2	258	14	5.5	0.0
09/11/2023 02:50	3.8	261	15	5.6	0.0
09/11/2023 03:00	3.6	259	14	5.4	0.0
09/11/2023 03:10	3.6	264	15	4.8	0.0
09/11/2023 03:20	3.4	261	14	4.6	0.0
09/11/2023 03:30	3.4	262	15	4.9	0.0
09/11/2023 03:40	3.8	264	14	4.9	0.0
09/11/2023 03:50	3.6	268	15	5.2	0.0
09/11/2023 04:00	3.7	265	14	5.2	0.0
09/11/2023 04:10	3.5	268	15	4.6	0.0
09/11/2023 04:20	3.3	271	17	4.9	0.0
09/11/2023 04:30	3.3	276	17	4.5	0.0
09/11/2023 04:40	3.3	272	17	5.2	0.0
09/11/2023 04:50	3.4	269	17	4.7	0.0
09/11/2023 05:00	3.2	270	15	5.1	0.0
09/11/2023 05:10	3.8	272	16	5.2	0.0
09/11/2023 05:20	3.9	266	15	5.6	0.0
09/11/2023 05:30	4.0	268	15	5.4	0.0
09/11/2023 05:40	3.9	270	16	5.3	0.0
09/11/2023 05:50	3.4	270	15	5.0	0.0
09/11/2023 06:00	3.4	272	19	5.2	0.0
09/11/2023 06:10	3.9	271	16	5.1	0.0
09/11/2023 06:20	3.9	266	16	5.5	0.0
09/11/2023 06:30	3.8	271	16	5.2	0.0
09/11/2023 06:40	3.6	267	14	5.3	0.0
09/11/2023 06:50	3.3	269	18	4.7	0.0
09/11/2023 07:00	3.2	270	20	4.4	0.0
09/11/2023 07:10	3.2	265	16	4.4	0.0
09/11/2023 07:20	3.0	269	18	4.4	0.0
09/11/2023 07:30	2.8	261	15	4.0	0.0
09/11/2023 07:40	2.5	266	21	3.8	0.0
09/11/2023 07:50	2.2	261	21	3.3	0.0
09/11/2023 08:00	2.5	256	21	3.8	0.0
09/11/2023 08:10	2.9	255	17	4.4	0.0
09/11/2023 08:20	2.9	252	20	4.3	0.0
09/11/2023 08:30	3.1	255	18	4.2	0.0
09/11/2023 08:40	3.0	249	22	4.3	0.0
09/11/2023 08:50	2.7	254	20	3.7	0.0
09/11/2023 09:00	2.9	266	17	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 09:10	2.2	275	28	3.6	0.0
09/11/2023 09:20	2.8	258	22	4.8	0.0
09/11/2023 09:30	2.8	257	22	4.8	0.0
09/11/2023 09:40	3.1	258	23	4.5	0.0
09/11/2023 09:50	3.2	256	21	4.9	0.0
09/11/2023 10:00	3.7	258	19	5.3	0.0
09/11/2023 10:10	3.8	256	17	5.6	0.0
09/11/2023 10:20	3.9	249	17	5.6	0.0
09/11/2023 10:30	4.4	249	16	6.0	0.0
09/11/2023 10:40	4.2	254	19	6.2	0.0
09/11/2023 10:50	4.8	253	17	7.0	0.0
09/11/2023 11:00	4.6	257	18	6.3	0.0
09/11/2023 11:10	4.8	257	15	6.7	0.0
09/11/2023 11:20	4.5	257	16	6.2	0.0
09/11/2023 11:30	4.5	258	18	6.2	0.0
09/11/2023 11:40	4.6	254	19	6.5	0.0
09/11/2023 11:50	4.5	255	17	6.5	0.0
09/11/2023 12:00	4.3	247	19	6.1	0.0
09/11/2023 12:10	4.5	251	16	6.3	0.0
09/11/2023 12:20	4.5	253	18	6.4	0.0
09/11/2023 12:30	4.8	245	21	6.5	0.0
09/11/2023 12:40	4.3	243	19	6.7	0.0
09/11/2023 12:50	4.3	250	24	6.4	0.0
09/11/2023 13:00	4.4	243	21	6.4	0.0
09/11/2023 13:10	4.5	241	15	6.6	0.0
09/11/2023 13:20	3.5	264	25	5.6	0.0
09/11/2023 13:30	3.7	252	27	6.4	0.0
09/11/2023 13:40	4.3	251	17	6.5	0.0
09/11/2023 13:50	4.2	255	18	6.8	0.0
09/11/2023 14:00	4.4	252	22	7.1	0.0
09/11/2023 14:10	4.7	246	17	7.0	0.0
09/11/2023 14:20	4.8	252	17	7.0	0.0
09/11/2023 14:30	5.5	251	17	8.2	0.0
09/11/2023 14:40	5.5	251	16	7.6	0.0
09/11/2023 14:50	4.5	258	23	7.0	0.0
09/11/2023 15:00	4.6	254	19	7.8	0.0
09/11/2023 15:10	4.5	259	22	7.5	0.0
09/11/2023 15:20	4.6	256	21	7.0	0.0
09/11/2023 15:30	4.6	253	22	7.6	0.0
09/11/2023 15:40	5.0	260	18	7.5	0.0
09/11/2023 15:50	4.3	254	17	6.5	0.0
09/11/2023 16:00	4.2	253	20	6.5	0.0
09/11/2023 16:10	4.4	250	21	7.2	0.0
09/11/2023 16:20	4.8	249	20	7.5	0.0
09/11/2023 16:30	4.5	255	21	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/11/2023 16:40	4.3	241	22	6.4	0.0
09/11/2023 16:50	4.0	254	23	7.1	0.0
09/11/2023 17:00	3.9	252	21	6.5	0.0
09/11/2023 17:10	4.3	251	20	6.5	0.0
09/11/2023 17:20	4.6	252	17	6.9	0.0
09/11/2023 17:30	3.9	257	20	5.9	0.0
09/11/2023 17:40	4.3	254	18	6.5	0.0
09/11/2023 17:50	4.4	258	18	7.1	0.0
09/11/2023 18:00	4.2	254	19	7.4	0.0
09/11/2023 18:10	4.5	250	19	6.5	0.0
09/11/2023 18:20	4.6	255	19	7.7	0.0
09/11/2023 18:30	4.5	251	17	6.4	0.0
09/11/2023 18:40	3.9	252	16	6.2	0.0
09/11/2023 18:50	3.9	251	17	5.7	0.0
09/11/2023 19:00	4.2	249	16	6.4	0.0
09/11/2023 19:10	4.3	248	17	6.6	0.0
09/11/2023 19:20	4.3	250	16	6.4	0.0
09/11/2023 19:30	4.3	253	16	6.3	0.0
09/11/2023 19:40	4.5	251	17	6.4	0.0
09/11/2023 19:50	4.6	251	18	6.5	0.0
09/11/2023 20:00	4.8	252	16	7.1	0.0
09/11/2023 20:10	4.6	258	17	6.8	0.0
09/11/2023 20:20	4.8	256	14	7.1	0.0
09/11/2023 20:30	4.5	261	13	6.1	0.0
09/11/2023 20:40	4.2	253	15	6.4	0.0
09/11/2023 20:50	4.0	253	15	5.6	0.0
09/11/2023 21:00	4.2	261	15	6.4	0.0
09/11/2023 21:10	4.6	259	15	6.4	0.0
09/11/2023 21:20	4.3	259	17	6.0	0.0
09/11/2023 21:30	4.3	257	17	6.0	0.0
09/11/2023 21:40	4.1	253	16	6.0	0.0
09/11/2023 21:50	3.8	254	15	5.2	0.0
09/11/2023 22:00	3.8	254	15	5.8	0.0
09/11/2023 22:10	3.6	250	17	5.6	0.0
09/11/2023 22:20	3.3	246	17	4.9	0.0
09/11/2023 22:30	3.0	243	22	5.0	0.0
09/11/2023 22:40	2.9	255	19	4.5	0.0
09/11/2023 22:50	3.4	257	16	4.9	0.0
09/11/2023 23:00	3.3	254	15	4.7	0.0
09/11/2023 23:10	3.1	260	15	4.4	0.0
09/11/2023 23:20	3.6	260	14	4.9	0.0
09/11/2023 23:30	3.6	259	15	4.8	0.0
09/11/2023 23:40	3.4	255	17	4.8	0.0
09/11/2023 23:50	3.3	256	17	4.6	0.0
10/11/2023 00:00	2.9	253	16	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 00:10	2.9	255	14	4.4	0.0
10/11/2023 00:20	3.0	255	16	4.2	0.0
10/11/2023 00:30	2.7	249	18	3.8	0.0
10/11/2023 00:40	2.3	247	19	3.4	0.0
10/11/2023 00:50	3.1	252	14	4.4	0.0
10/11/2023 01:00	3.3	257	14	4.9	0.0
10/11/2023 01:10	2.9	265	17	4.2	0.0
10/11/2023 01:20	3.1	265	16	4.6	0.0
10/11/2023 01:30	2.9	263	15	4.1	0.0
10/11/2023 01:40	3.0	259	16	4.0	0.0
10/11/2023 01:50	2.9	263	15	4.0	0.0
10/11/2023 02:00	2.9	265	17	4.0	0.0
10/11/2023 02:10	2.7	273	17	4.2	0.0
10/11/2023 02:20	2.6	275	18	3.6	0.0
10/11/2023 02:30	2.5	275	17	3.8	0.0
10/11/2023 02:40	2.7	271	19	4.3	0.0
10/11/2023 02:50	3.3	266	16	4.6	0.0
10/11/2023 03:00	3.2	267	16	4.7	0.0
10/11/2023 03:10	3.4	262	15	4.4	0.0
10/11/2023 03:20	3.0	264	16	4.8	0.0
10/11/2023 03:30	2.7	270	18	4.0	0.0
10/11/2023 03:40	3.3	270	20	4.8	0.0
10/11/2023 03:50	3.7	263	14	4.8	0.0
10/11/2023 04:00	3.5	260	13	4.7	0.0
10/11/2023 04:10	3.9	262	14	5.3	0.0
10/11/2023 04:20	3.6	261	14	4.9	0.0
10/11/2023 04:30	3.6	263	13	5.1	0.0
10/11/2023 04:40	3.4	262	13	4.8	0.0
10/11/2023 04:50	3.3	263	13	4.5	0.0
10/11/2023 05:00	3.3	255	15	4.8	0.0
10/11/2023 05:10	3.2	258	15	4.5	0.0
10/11/2023 05:20	3.3	260	15	5.0	0.0
10/11/2023 05:30	3.1	263	18	4.6	0.0
10/11/2023 05:40	2.9	262	15	4.4	0.0
10/11/2023 05:50	2.8	265	16	3.9	0.0
10/11/2023 06:00	2.7	268	17	3.6	0.0
10/11/2023 06:10	2.4	273	19	3.5	0.0
10/11/2023 06:20	2.5	264	16	3.6	0.0
10/11/2023 06:30	3.0	266	16	4.3	0.0
10/11/2023 06:40	3.2	268	17	4.3	0.0
10/11/2023 06:50	2.7	267	17	3.6	0.0
10/11/2023 07:00	2.5	267	16	3.5	0.0
10/11/2023 07:10	2.5	264	16	3.5	0.0
10/11/2023 07:20	2.9	266	17	4.2	0.0
10/11/2023 07:30	3.6	261	15	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 07:40	4.0	258	15	5.2	0.0
10/11/2023 07:50	3.3	259	18	5.1	0.0
10/11/2023 08:00	3.4	261	16	4.5	0.0
10/11/2023 08:10	3.5	257	16	5.0	0.0
10/11/2023 08:20	3.5	255	16	4.8	0.0
10/11/2023 08:30	3.5	257	14	4.6	0.0
10/11/2023 08:40	3.6	258	20	5.1	0.0
10/11/2023 08:50	3.5	264	16	4.9	0.0
10/11/2023 09:00	3.5	260	16	5.2	0.0
10/11/2023 09:10	3.4	257	16	4.8	0.0
10/11/2023 09:20	3.2	259	22	5.0	0.0
10/11/2023 09:30	3.6	263	22	5.7	0.0
10/11/2023 09:40	3.9	258	19	5.8	0.0
10/11/2023 09:50	4.1	254	17	5.5	0.0
10/11/2023 10:00	4.6	255	14	6.2	0.0
10/11/2023 10:10	5.1	256	16	7.1	0.0
10/11/2023 10:20	4.8	254	15	6.5	0.0
10/11/2023 10:30	4.9	254	14	6.8	0.0
10/11/2023 10:40	5.2	256	17	6.8	0.0
10/11/2023 10:50	5.3	253	14	7.6	0.0
10/11/2023 11:00	5.2	257	16	7.5	0.0
10/11/2023 11:10	5.4	251	16	7.9	0.0
10/11/2023 11:20	5.3	250	17	7.4	0.0
10/11/2023 11:30	6.0	248	15	8.4	0.0
10/11/2023 11:40	5.3	253	18	7.8	0.0
10/11/2023 11:50	5.6	257	17	8.2	0.0
10/11/2023 12:00	5.9	252	14	9.1	0.0
10/11/2023 12:10	5.7	255	17	8.1	0.0
10/11/2023 12:20	5.6	251	14	8.9	0.0
10/11/2023 12:30	5.6	252	16	7.8	0.0
10/11/2023 12:40	5.8	255	19	7.9	0.0
10/11/2023 12:50	5.4	252	17	7.8	0.0
10/11/2023 13:00	5.8	250	17	8.6	0.0
10/11/2023 13:10	6.0	247	16	8.3	0.0
10/11/2023 13:20	6.2	247	15	8.4	0.0
10/11/2023 13:30	5.7	243	18	8.5	0.0
10/11/2023 13:40	5.9	246	17	8.7	0.0
10/11/2023 13:50	6.0	249	17	9.6	0.0
10/11/2023 14:00	5.4	257	16	8.0	0.0
10/11/2023 14:10	5.5	255	18	8.1	0.0
10/11/2023 14:20	5.6	246	17	8.1	0.0
10/11/2023 14:30	6.2	249	15	9.1	0.0
10/11/2023 14:40	5.6	250	16	8.6	0.0
10/11/2023 14:50	5.9	253	16	9.1	0.0
10/11/2023 15:00	6.2	252	17	9.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 15:10	5.7	249	17	7.9	0.0
10/11/2023 15:20	5.7	252	18	8.4	0.0
10/11/2023 15:30	5.6	254	17	7.9	0.0
10/11/2023 15:40	6.0	250	18	9.0	0.0
10/11/2023 15:50	5.6	252	16	8.3	0.0
10/11/2023 16:00	5.2	256	21	7.5	0.0
10/11/2023 16:10	5.1	251	19	7.1	0.0
10/11/2023 16:20	4.8	253	21	7.2	0.0
10/11/2023 16:30	4.9	253	16	7.2	0.0
10/11/2023 16:40	5.3	256	19	7.7	0.0
10/11/2023 16:50	5.1	255	16	8.4	0.0
10/11/2023 17:00	6.2	253	14	8.7	0.0
10/11/2023 17:10	6.2	254	17	9.1	0.0
10/11/2023 17:20	6.0	248	16	9.1	0.0
10/11/2023 17:30	5.3	253	18	7.6	0.0
10/11/2023 17:40	5.3	251	17	7.9	0.0
10/11/2023 17:50	5.2	251	18	7.8	0.0
10/11/2023 18:00	5.3	252	16	7.3	0.0
10/11/2023 18:10	5.9	253	15	8.9	0.0
10/11/2023 18:20	5.0	252	18	7.9	0.0
10/11/2023 18:30	4.9	248	18	7.0	0.0
10/11/2023 18:40	5.5	254	17	7.5	0.0
10/11/2023 18:50	5.2	249	17	7.8	0.0
10/11/2023 19:00	4.5	253	17	6.7	0.0
10/11/2023 19:10	4.6	250	17	7.2	0.0
10/11/2023 19:20	5.5	253	14	7.2	0.0
10/11/2023 19:30	4.5	249	16	6.9	0.0
10/11/2023 19:40	5.1	250	17	7.5	0.0
10/11/2023 19:50	4.3	246	16	7.0	0.0
10/11/2023 20:00	4.7	251	20	7.1	0.0
10/11/2023 20:10	5.4	252	15	7.5	0.0
10/11/2023 20:20	5.1	255	17	7.5	0.0
10/11/2023 20:30	5.8	253	15	8.1	0.0
10/11/2023 20:40	5.0	254	20	6.9	0.0
10/11/2023 20:50	4.7	250	17	7.3	0.0
10/11/2023 21:00	4.8	246	16	7.4	0.0
10/11/2023 21:10	5.3	249	20	7.9	0.0
10/11/2023 21:20	5.1	252	16	7.4	0.0
10/11/2023 21:30	5.4	254	15	7.9	0.0
10/11/2023 21:40	4.5	253	20	7.0	0.0
10/11/2023 21:50	4.1	246	22	6.8	0.0
10/11/2023 22:00	4.5	250	20	6.8	0.0
10/11/2023 22:10	4.2	249	19	6.1	0.0
10/11/2023 22:20	5.1	246	17	7.7	0.0
10/11/2023 22:30	4.7	252	17	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 22:40	4.4	242	21	6.4	0.0
10/11/2023 22:50	3.7	246	20	6.0	0.0
10/11/2023 23:00	4.8	237	16	7.2	0.0
10/11/2023 23:10	4.4	237	21	6.9	0.0
10/11/2023 23:20	3.4	245	20	5.5	0.0
10/11/2023 23:30	3.1	243	20	4.8	0.0
10/11/2023 23:40	3.6	250	18	5.3	0.0
10/11/2023 23:50	3.8	251	15	5.3	0.0
11/11/2023 00:00	3.2	251	19	4.8	0.0
11/11/2023 00:10	3.9	257	20	6.1	0.0
11/11/2023 00:20	4.4	258	16	6.4	0.0
11/11/2023 00:30	3.4	248	19	4.9	0.0
11/11/2023 00:40	3.3	239	22	5.4	0.0
11/11/2023 00:50	3.5	235	16	5.6	0.0
11/11/2023 01:00	4.0	245	19	5.9	0.0
11/11/2023 01:10	3.7	232	15	5.4	0.0
11/11/2023 01:20	3.4	233	19	5.2	0.0
11/11/2023 01:30	3.2	229	19	4.8	0.0
11/11/2023 01:40	3.8	238	17	5.4	0.0
11/11/2023 01:50	2.7	233	21	4.2	0.0
11/11/2023 02:00	3.0	246	21	4.7	0.0
11/11/2023 02:10	3.0	248	17	5.2	0.0
11/11/2023 02:20	3.2	256	17	4.7	0.0
11/11/2023 02:30	3.2	256	19	4.5	0.0
11/11/2023 02:40	3.0	247	19	4.8	0.0
11/11/2023 02:50	2.8	257	16	4.2	0.0
11/11/2023 03:00	3.8	257	16	5.4	0.0
11/11/2023 03:10	4.6	255	16	6.2	0.0
11/11/2023 03:20	4.6	257	14	6.5	0.0
11/11/2023 03:30	3.8	256	16	5.5	0.0
11/11/2023 03:40	3.7	259	16	5.3	0.0
11/11/2023 03:50	2.9	261	20	4.7	0.0
11/11/2023 04:00	2.5	263	17	4.2	0.0
11/11/2023 04:10	2.5	257	17	4.4	0.0
11/11/2023 04:20	3.3	256	14	4.9	0.0
11/11/2023 04:30	3.8	258	13	5.4	0.0
11/11/2023 04:40	4.1	262	14	6.0	0.0
11/11/2023 04:50	4.0	261	17	5.6	0.0
11/11/2023 05:00	3.8	258	18	5.2	0.0
11/11/2023 05:10	4.0	256	15	5.6	0.0
11/11/2023 05:20	3.4	254	16	5.1	0.0
11/11/2023 05:30	3.2	251	16	4.7	0.0
11/11/2023 05:40	2.9	255	15	4.0	0.0
11/11/2023 05:50	2.8	256	15	3.7	0.0
11/11/2023 06:00	3.4	254	16	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 06:10	3.6	255	13	5.4	0.0
11/11/2023 06:20	3.8	253	17	5.2	0.0
11/11/2023 06:30	3.2	252	18	4.9	0.0
11/11/2023 06:40	3.4	257	14	5.2	0.0
11/11/2023 06:50	3.5	253	18	5.1	0.0
11/11/2023 07:00	3.9	249	17	5.4	0.0
11/11/2023 07:10	4.6	247	16	6.0	0.0
11/11/2023 07:20	4.6	252	17	6.4	0.0
11/11/2023 07:30	5.2	251	16	7.3	0.0
11/11/2023 07:40	5.2	254	18	7.5	0.0
11/11/2023 07:50	4.8	254	15	6.3	0.0
11/11/2023 08:00	5.0	252	16	7.0	0.0
11/11/2023 08:10	5.0	256	17	7.3	0.0
11/11/2023 08:20	5.1	251	16	7.2	0.0
11/11/2023 08:30	5.2	252	16	7.2	0.0
11/11/2023 08:40	5.0	255	17	7.7	0.0
11/11/2023 08:50	5.5	247	15	7.8	0.0
11/11/2023 09:00	5.4	252	17	7.7	0.0
11/11/2023 09:10	5.3	250	15	7.9	0.0
11/11/2023 09:20	5.9	250	15	8.7	0.0
11/11/2023 09:30	5.7	255	16	8.7	0.0
11/11/2023 09:40	5.8	253	18	7.9	0.0
11/11/2023 09:50	6.0	250	16	8.4	0.0
11/11/2023 10:00	6.3	248	17	8.7	0.0
11/11/2023 10:10	6.2	248	17	8.7	0.0
11/11/2023 10:20	5.4	247	16	7.5	0.0
11/11/2023 10:30	5.4	250	16	7.7	0.0
11/11/2023 10:40	5.8	253	17	8.6	0.0
11/11/2023 10:50	5.3	254	18	8.1	0.0
11/11/2023 11:00	5.5	254	17	7.8	0.0
11/11/2023 11:10	5.9	249	15	8.7	0.0
11/11/2023 11:20	6.0	250	17	8.9	0.0
11/11/2023 11:30	5.7	248	16	8.3	0.0
11/11/2023 11:40	5.5	248	17	7.2	0.0
11/11/2023 11:50	4.6	248	17	6.4	0.0
11/11/2023 12:00	4.1	244	19	5.7	0.0
11/11/2023 12:10	3.8	248	16	5.1	0.0
11/11/2023 12:20	4.5	245	15	6.0	0.0
11/11/2023 12:30	4.4	244	18	6.4	0.0
11/11/2023 12:40	5.1	248	16	7.6	0.0
11/11/2023 12:50	5.2	248	16	7.9	0.0
11/11/2023 13:00	5.1	246	18	7.2	0.0
11/11/2023 13:10	5.6	246	17	7.9	0.0
11/11/2023 13:20	6.0	247	15	8.0	0.0
11/11/2023 13:30	5.8	246	16	7.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 13:40	6.0	245	16	8.2	0.0
11/11/2023 13:50	6.1	243	15	8.0	0.0
11/11/2023 14:00	5.6	244	17	8.2	0.0
11/11/2023 14:10	5.7	248	17	8.7	0.0
11/11/2023 14:20	6.1	244	17	8.7	0.0
11/11/2023 14:30	6.2	244	15	8.9	0.0
11/11/2023 14:40	6.5	247	15	8.3	0.0
11/11/2023 14:50	5.6	252	19	8.7	0.0
11/11/2023 15:00	5.6	243	15	7.9	0.0
11/11/2023 15:10	5.9	246	16	8.6	0.0
11/11/2023 15:20	5.7	247	17	8.6	0.0
11/11/2023 15:30	5.5	244	20	8.0	0.0
11/11/2023 15:40	5.9	242	14	8.3	0.0
11/11/2023 15:50	5.9	251	19	8.7	0.0
11/11/2023 16:00	6.1	240	18	9.1	0.0
11/11/2023 16:10	5.4	245	19	7.9	0.0
11/11/2023 16:20	5.2	244	18	7.3	0.0
11/11/2023 16:30	5.3	246	19	8.6	0.0
11/11/2023 16:40	5.2	246	18	8.5	0.0
11/11/2023 16:50	5.8	248	15	8.3	0.0
11/11/2023 17:00	5.8	244	16	8.5	0.0
11/11/2023 17:10	5.7	246	16	8.3	0.0
11/11/2023 17:20	6.2	247	17	9.4	0.0
11/11/2023 17:30	6.1	244	15	8.3	0.0
11/11/2023 17:40	5.4	249	19	7.9	0.0
11/11/2023 17:50	5.9	248	15	9.1	0.0
11/11/2023 18:00	5.9	249	17	7.7	0.0
11/11/2023 18:10	6.0	246	18	8.2	0.0
11/11/2023 18:20	5.8	252	21	8.8	0.0
11/11/2023 18:30	5.3	252	20	8.1	0.0
11/11/2023 18:40	5.7	252	18	8.7	0.0
11/11/2023 18:50	5.9	249	17	8.5	0.0
11/11/2023 19:00	5.7	248	14	8.7	0.0
11/11/2023 19:10	5.9	251	16	8.7	0.0
11/11/2023 19:20	5.6	250	16	8.7	0.0
11/11/2023 19:30	5.5	251	18	7.9	0.0
11/11/2023 19:40	5.6	250	16	8.3	0.0
11/11/2023 19:50	5.6	251	16	7.9	0.0
11/11/2023 20:00	6.0	252	15	8.7	0.0
11/11/2023 20:10	5.5	252	16	8.4	0.0
11/11/2023 20:20	5.8	249	17	9.0	0.0
11/11/2023 20:30	5.5	248	18	7.8	0.0
11/11/2023 20:40	5.5	246	17	8.3	0.0
11/11/2023 20:50	5.0	249	16	7.6	0.0
11/11/2023 21:00	4.5	244	15	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 21:10	5.0	245	16	7.2	0.0
11/11/2023 21:20	4.9	247	19	7.8	0.0
11/11/2023 21:30	5.2	238	20	7.7	0.0
11/11/2023 21:40	4.9	249	19	7.4	0.0
11/11/2023 21:50	5.3	248	18	7.8	0.0
11/11/2023 22:00	5.0	250	18	7.5	0.0
11/11/2023 22:10	4.6	248	19	6.9	0.0
11/11/2023 22:20	5.3	247	18	8.2	0.0
11/11/2023 22:30	5.3	252	17	8.5	0.0
11/11/2023 22:40	4.8	240	18	7.5	0.0
11/11/2023 22:50	4.6	246	22	7.2	0.0
11/11/2023 23:00	5.0	240	19	7.5	0.0
11/11/2023 23:10	4.8	239	18	7.6	0.0
11/11/2023 23:20	4.5	240	18	6.7	0.0
11/11/2023 23:30	4.6	235	20	7.3	0.0
11/11/2023 23:40	4.5	238	20	6.8	0.0
11/11/2023 23:50	4.6	243	18	7.3	0.0
12/11/2023 00:00	4.6	244	15	6.8	0.0
12/11/2023 00:10	4.8	239	18	7.0	0.0
12/11/2023 00:20	4.5	241	19	7.8	0.0
12/11/2023 00:30	4.2	233	17	6.3	0.0
12/11/2023 00:40	4.1	233	18	6.2	0.0
12/11/2023 00:50	4.0	233	14	6.0	0.0
12/11/2023 01:00	4.3	234	18	6.4	0.0
12/11/2023 01:10	5.1	235	14	6.8	0.0
12/11/2023 01:20	5.0	234	17	7.2	0.0
12/11/2023 01:30	5.1	236	18	7.8	0.0
12/11/2023 01:40	5.1	235	16	7.5	0.0
12/11/2023 01:50	5.0	234	19	7.5	0.0
12/11/2023 02:00	5.1	237	16	7.8	0.0
12/11/2023 02:10	4.9	235	18	7.1	0.0
12/11/2023 02:20	4.8	233	22	7.8	0.0
12/11/2023 02:30	4.8	234	17	7.2	0.0
12/11/2023 02:40	5.4	230	14	7.7	0.0
12/11/2023 02:50	5.0	232	16	7.0	0.0
12/11/2023 03:00	4.3	235	20	6.5	0.0
12/11/2023 03:10	4.5	236	15	6.4	0.0
12/11/2023 03:20	4.2	242	17	6.8	0.0
12/11/2023 03:30	4.1	237	18	6.5	0.0
12/11/2023 03:40	4.3	237	20	6.3	0.0
12/11/2023 03:50	4.4	234	17	6.4	0.0
12/11/2023 04:00	4.3	232	18	7.0	0.0
12/11/2023 04:10	4.4	236	18	6.6	0.0
12/11/2023 04:20	4.5	235	17	6.5	0.0
12/11/2023 04:30	4.2	245	17	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 04:40	4.3	239	21	6.2	0.0
12/11/2023 04:50	3.9	240	20	6.3	0.0
12/11/2023 05:00	4.3	236	18	6.0	0.0
12/11/2023 05:10	4.0	235	18	6.0	0.0
12/11/2023 05:20	3.9	235	16	6.0	0.0
12/11/2023 05:30	3.7	236	17	5.5	0.0
12/11/2023 05:40	4.2	235	15	5.7	0.0
12/11/2023 05:50	3.7	237	14	5.1	0.0
12/11/2023 06:00	3.4	238	19	5.2	0.0
12/11/2023 06:10	3.2	233	15	4.4	0.0
12/11/2023 06:20	3.2	239	17	5.1	0.0
12/11/2023 06:30	3.5	247	18	5.1	0.0
12/11/2023 06:40	3.7	238	18	5.8	0.0
12/11/2023 06:50	3.9	241	16	5.6	0.0
12/11/2023 07:00	3.7	240	17	5.4	0.0
12/11/2023 07:10	3.8	236	17	5.7	0.0
12/11/2023 07:20	3.9	245	18	5.6	0.0
12/11/2023 07:30	4.2	236	17	6.4	0.0
12/11/2023 07:40	4.1	244	19	6.0	0.0
12/11/2023 07:50	3.9	240	17	6.0	0.0
12/11/2023 08:00	3.9	245	20	5.9	0.0
12/11/2023 08:10	4.0	240	19	5.7	0.0
12/11/2023 08:20	4.2	243	21	5.9	0.0
12/11/2023 08:30	4.1	242	18	6.3	0.0
12/11/2023 08:40	3.9	250	17	5.6	0.0
12/11/2023 08:50	4.2	255	18	6.0	0.0
12/11/2023 09:00	4.1	252	19	6.3	0.0
12/11/2023 09:10	4.2	247	22	6.1	0.0
12/11/2023 09:20	4.3	244	17	6.6	0.0
12/11/2023 09:30	4.0	257	21	5.7	0.0
12/11/2023 09:40	4.4	253	19	7.1	0.0
12/11/2023 09:50	4.9	246	17	6.7	0.0
12/11/2023 10:00	4.3	250	19	6.5	0.0
12/11/2023 10:10	4.6	249	20	7.2	0.0
12/11/2023 10:20	4.6	254	21	7.3	0.0
12/11/2023 10:30	4.9	253	21	7.6	0.0
12/11/2023 10:40	4.8	247	18	7.5	0.0
12/11/2023 10:50	4.9	254	17	6.7	0.0
12/11/2023 11:00	5.1	252	19	7.9	0.0
12/11/2023 11:10	5.4	249	20	7.9	0.0
12/11/2023 11:20	5.2	247	22	8.3	0.0
12/11/2023 11:30	5.3	246	18	7.5	0.0
12/11/2023 11:40	5.1	252	20	7.5	0.0
12/11/2023 11:50	5.2	253	19	7.8	0.0
12/11/2023 12:00	5.2	250	20	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 12:10	5.4	253	19	7.8	0.0
12/11/2023 12:20	5.5	249	18	7.9	0.0
12/11/2023 12:30	5.3	248	19	7.7	0.0
12/11/2023 12:40	5.4	244	20	8.5	0.0
12/11/2023 12:50	5.1	244	20	7.6	0.0
12/11/2023 13:00	5.4	252	18	7.5	0.0
12/11/2023 13:10	5.1	256	16	7.3	0.0
12/11/2023 13:20	4.8	251	19	7.2	0.0
12/11/2023 13:30	5.2	250	21	8.3	0.0
12/11/2023 13:40	5.2	252	19	7.5	0.0
12/11/2023 13:50	5.9	247	20	8.6	0.0
12/11/2023 14:00	5.9	247	18	8.8	0.0
12/11/2023 14:10	6.0	250	18	9.2	0.0
12/11/2023 14:20	5.4	252	18	8.3	0.0
12/11/2023 14:30	5.1	258	21	7.7	0.0
12/11/2023 14:40	5.7	249	18	7.9	0.0
12/11/2023 14:50	5.4	252	19	7.7	0.0
12/11/2023 15:00	5.7	246	15	8.7	0.0
12/11/2023 15:10	5.3	242	18	7.6	0.0
12/11/2023 15:20	5.2	253	22	7.5	0.0
12/11/2023 15:30	5.4	253	17	7.9	0.0
12/11/2023 15:40	5.4	249	18	7.5	0.0
12/11/2023 15:50	5.4	247	19	7.9	0.0
12/11/2023 16:00	4.3	258	19	6.3	0.0
12/11/2023 16:10	4.2	252	18	6.4	0.0
12/11/2023 16:20	4.6	250	20	6.6	0.0
12/11/2023 16:30	4.8	253	21	7.4	0.0
12/11/2023 16:40	4.2	256	21	7.2	0.0
12/11/2023 16:50	4.4	248	17	7.4	0.0
12/11/2023 17:00	3.6	257	21	5.8	0.0
12/11/2023 17:10	2.5	267	29	4.0	0.0
12/11/2023 17:20	2.9	258	21	4.6	0.0
12/11/2023 17:30	3.7	253	17	6.0	0.0
12/11/2023 17:40	4.3	250	16	5.9	0.0
12/11/2023 17:50	4.1	248	16	6.4	0.0
12/11/2023 18:00	4.1	249	16	6.4	0.0
12/11/2023 18:10	3.2	254	17	4.8	0.0
12/11/2023 18:20	3.1	259	20	5.4	0.0
12/11/2023 18:30	3.2	257	22	4.8	0.0
12/11/2023 18:40	3.4	252	17	5.1	0.0
12/11/2023 18:50	3.5	254	16	5.9	0.0
12/11/2023 19:00	3.5	254	17	4.8	0.0
12/11/2023 19:10	3.3	259	18	4.9	0.0
12/11/2023 19:20	3.5	259	14	5.2	0.0
12/11/2023 19:30	4.6	252	16	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 19:40	4.6	252	17	7.2	0.0
12/11/2023 19:50	4.6	256	17	7.2	0.0
12/11/2023 20:00	5.1	246	16	7.1	0.0
12/11/2023 20:10	4.5	252	18	6.2	0.0
12/11/2023 20:20	4.7	259	17	6.9	0.0
12/11/2023 20:30	4.4	255	18	6.5	0.0
12/11/2023 20:40	4.3	253	16	6.9	0.0
12/11/2023 20:50	4.5	252	19	7.0	0.0
12/11/2023 21:00	4.7	250	16	7.5	0.0
12/11/2023 21:10	5.0	250	16	7.5	0.0
12/11/2023 21:20	4.6	247	17	7.1	0.0
12/11/2023 21:30	3.6	251	17	5.9	0.0
12/11/2023 21:40	3.9	252	15	5.6	0.0
12/11/2023 21:50	4.8	251	15	6.9	0.0
12/11/2023 22:00	4.3	245	16	6.3	0.0
12/11/2023 22:10	4.4	250	17	6.4	0.0
12/11/2023 22:20	4.3	251	17	6.6	0.0
12/11/2023 22:30	4.4	254	16	6.8	0.0
12/11/2023 22:40	4.4	249	16	6.6	0.0
12/11/2023 22:50	4.1	253	17	6.4	0.0
12/11/2023 23:00	4.4	244	18	6.3	0.0
12/11/2023 23:10	3.7	243	20	5.6	0.0
12/11/2023 23:20	3.8	238	18	6.9	0.0
12/11/2023 23:30	4.2	238	18	6.5	0.0
12/11/2023 23:40	4.3	235	17	6.3	0.0
12/11/2023 23:50	3.5	231	18	5.0	0.0
13/11/2023 00:00	4.0	233	17	6.0	0.0
13/11/2023 00:10	4.3	233	16	6.3	0.0
13/11/2023 00:20	3.8	235	17	5.4	0.0
13/11/2023 00:30	4.2	232	16	6.0	0.0
13/11/2023 00:40	3.9	235	18	5.7	0.0
13/11/2023 00:50	3.6	239	19	5.3	0.0
13/11/2023 01:00	3.7	232	16	5.9	0.0
13/11/2023 01:10	3.3	232	19	4.8	0.0
13/11/2023 01:20	3.1	238	22	4.9	0.0
13/11/2023 01:30	2.7	233	22	4.0	0.0
13/11/2023 01:40	2.4	237	21	4.2	0.0
13/11/2023 01:50	3.1	235	18	5.3	0.0
13/11/2023 02:00	2.5	228	22	3.8	0.0
13/11/2023 02:10	3.5	232	16	5.6	0.0
13/11/2023 02:20	2.7	233	21	4.5	0.0
13/11/2023 02:30	3.6	236	16	5.5	0.0
13/11/2023 02:40	3.7	236	17	5.2	0.0
13/11/2023 02:50	3.8	233	17	5.3	0.0
13/11/2023 03:00	3.9	236	16	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 03:10	4.6	235	15	6.2	0.0
13/11/2023 03:20	4.2	240	18	5.9	0.0
13/11/2023 03:30	4.3	240	17	6.4	0.0
13/11/2023 03:40	3.5	238	17	5.8	0.0
13/11/2023 03:50	2.7	241	20	4.0	0.0
13/11/2023 04:00	3.0	238	17	4.5	0.0
13/11/2023 04:10	2.7	243	19	4.0	0.0
13/11/2023 04:20	2.9	237	16	4.2	0.0
13/11/2023 04:30	2.9	240	21	4.4	0.0
13/11/2023 04:40	2.7	240	19	4.4	0.0
13/11/2023 04:50	3.1	236	15	4.8	0.0
13/11/2023 05:00	2.9	241	18	4.2	0.0
13/11/2023 05:10	2.9	238	19	4.7	0.0
13/11/2023 05:20	2.7	243	18	4.0	0.0
13/11/2023 05:30	2.8	242	18	3.9	0.0
13/11/2023 05:40	3.0	240	18	5.0	0.0
13/11/2023 05:50	3.5	240	18	5.2	0.0
13/11/2023 06:00	3.6	237	17	5.1	0.0
13/11/2023 06:10	3.9	238	17	5.5	0.0
13/11/2023 06:20	3.8	238	19	5.5	0.0
13/11/2023 06:30	4.0	238	18	5.7	0.0
13/11/2023 06:40	3.7	236	19	5.6	0.0
13/11/2023 06:50	3.9	238	19	5.7	0.0
13/11/2023 07:00	4.8	235	15	7.0	0.0
13/11/2023 07:10	4.8	235	15	7.3	0.0
13/11/2023 07:20	4.4	239	17	6.7	0.0
13/11/2023 07:30	4.3	233	18	6.4	0.0
13/11/2023 07:40	4.2	227	18	6.5	0.0
13/11/2023 07:50	4.1	229	20	6.7	0.0
13/11/2023 08:00	4.4	231	20	6.2	0.0
13/11/2023 08:10	4.3	225	18	6.6	0.0
13/11/2023 08:20	4.6	218	17	6.7	0.0
13/11/2023 08:30	4.6	218	18	6.6	0.0
13/11/2023 08:40	4.5	227	20	6.5	0.0
13/11/2023 08:50	4.2	238	23	6.1	0.0
13/11/2023 09:00	4.7	221	21	6.6	0.0
13/11/2023 09:10	4.3	220	22	6.6	0.0
13/11/2023 09:20	4.0	233	23	6.0	0.0
13/11/2023 09:30	4.4	252	18	5.9	0.0
13/11/2023 09:40	4.2	248	21	6.0	0.0
13/11/2023 09:50	4.3	251	16	6.1	0.0
13/11/2023 10:00	4.0	249	19	6.4	0.0
13/11/2023 10:10	3.6	258	23	6.2	0.0
13/11/2023 10:20	4.3	248	20	6.4	0.0
13/11/2023 10:30	4.0	256	21	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 10:40	4.1	254	21	6.1	0.0
13/11/2023 10:50	4.0	255	18	6.0	0.0
13/11/2023 11:00	4.2	255	17	6.1	0.0
13/11/2023 11:10	4.4	254	22	6.8	0.0
13/11/2023 11:20	4.3	254	25	6.2	0.0
13/11/2023 11:30	4.3	252	22	6.6	0.0
13/11/2023 11:40	4.6	249	19	6.6	0.0
13/11/2023 11:50	4.6	248	17	6.4	0.0
13/11/2023 12:00	5.0	242	18	7.2	0.0
13/11/2023 12:10	5.1	247	20	7.0	0.0
13/11/2023 12:20	5.4	237	14	7.5	0.0
13/11/2023 12:30	5.4	245	18	7.8	0.0
13/11/2023 12:40	5.4	245	17	7.4	0.0
13/11/2023 12:50	5.2	249	17	7.2	0.0
13/11/2023 13:00	5.3	249	19	7.8	0.0
13/11/2023 13:10	5.6	244	15	7.4	0.0
13/11/2023 13:20	5.6	245	17	8.3	0.0
13/11/2023 13:30	5.3	248	17	7.7	0.0
13/11/2023 13:40	5.7	247	17	8.2	0.0
13/11/2023 13:50	5.9	244	16	7.9	0.0
13/11/2023 14:00	5.7	247	17	7.7	0.0
13/11/2023 14:10	5.7	246	18	8.5	0.0
13/11/2023 14:20	6.1	246	16	9.5	0.0
13/11/2023 14:30	5.6	256	20	8.0	0.0
13/11/2023 14:40	5.7	254	20	8.4	0.0
13/11/2023 14:50	5.5	255	21	7.9	0.0
13/11/2023 15:00	5.7	255	16	8.4	0.0
13/11/2023 15:10	6.2	250	17	8.6	0.0
13/11/2023 15:20	5.4	253	16	8.9	0.0
13/11/2023 15:30	5.6	252	17	8.4	0.0
13/11/2023 15:40	5.4	252	17	8.5	0.0
13/11/2023 15:50	5.1	252	19	7.2	0.0
13/11/2023 16:00	5.7	246	18	8.7	0.0
13/11/2023 16:10	6.1	245	15	8.6	0.0
13/11/2023 16:20	6.1	246	17	8.6	0.0
13/11/2023 16:30	5.2	248	19	8.4	0.0
13/11/2023 16:40	6.0	245	16	8.7	0.0
13/11/2023 16:50	5.4	249	15	7.6	0.0
13/11/2023 17:00	5.6	247	19	7.9	0.0
13/11/2023 17:10	5.3	251	18	8.4	0.0
13/11/2023 17:20	5.5	256	17	7.5	0.0
13/11/2023 17:30	6.0	250	14	8.4	0.0
13/11/2023 17:40	5.4	250	18	7.5	0.0
13/11/2023 17:50	5.2	252	17	7.3	0.0
13/11/2023 18:00	5.5	248	19	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 18:10	5.6	250	18	8.3	0.0
13/11/2023 18:20	4.8	247	18	7.9	0.0
13/11/2023 18:30	5.0	249	16	7.5	0.0
13/11/2023 18:40	5.3	252	14	7.3	0.0
13/11/2023 18:50	4.7	254	19	7.0	0.0
13/11/2023 19:00	5.4	249	15	7.7	0.0
13/11/2023 19:10	5.2	252	16	7.9	0.0
13/11/2023 19:20	5.0	250	17	7.7	0.0
13/11/2023 19:30	5.0	249	16	7.6	0.0
13/11/2023 19:40	5.2	250	15	7.2	0.0
13/11/2023 19:50	5.0	253	18	6.9	0.0
13/11/2023 20:00	5.2	253	18	7.2	0.0
13/11/2023 20:10	5.1	250	16	7.2	0.0
13/11/2023 20:20	4.9	251	20	6.9	0.0
13/11/2023 20:30	4.8	255	17	7.0	0.0
13/11/2023 20:40	4.6	250	19	7.3	0.0
13/11/2023 20:50	4.1	251	19	6.9	0.0
13/11/2023 21:00	4.8	247	16	7.2	0.0
13/11/2023 21:10	4.5	251	18	6.5	0.0
13/11/2023 21:20	3.6	251	21	6.0	0.0
13/11/2023 21:30	3.9	249	18	6.2	0.0
13/11/2023 21:40	4.1	243	19	6.4	0.0
13/11/2023 21:50	3.7	240	19	5.8	0.0
13/11/2023 22:00	4.3	234	17	6.1	0.0
13/11/2023 22:10	4.1	248	18	6.4	0.0
13/11/2023 22:20	3.2	231	20	5.1	0.0
13/11/2023 22:30	2.7	224	21	4.4	0.0
13/11/2023 22:40	2.6	228	17	3.9	0.0
13/11/2023 22:50	3.0	231	17	4.6	0.0
13/11/2023 23:00	3.4	235	17	4.8	0.0
13/11/2023 23:10	3.6	234	17	5.1	0.0
13/11/2023 23:20	3.6	232	18	5.3	0.0
13/11/2023 23:30	3.4	236	19	5.4	0.0
13/11/2023 23:40	3.2	231	18	5.0	0.0
13/11/2023 23:50	3.8	239	15	5.5	0.0
14/11/2023 00:00	3.9	239	16	5.5	0.0
14/11/2023 00:10	3.8	238	15	5.7	0.0
14/11/2023 00:20	3.9	234	19	5.4	0.0
14/11/2023 00:30	4.0	232	17	6.0	0.0
14/11/2023 00:40	4.1	237	17	6.0	0.0
14/11/2023 00:50	4.4	237	14	6.1	0.0
14/11/2023 01:00	4.5	237	18	6.9	0.0
14/11/2023 01:10	4.0	235	17	6.4	0.0
14/11/2023 01:20	4.4	236	16	6.6	0.0
14/11/2023 01:30	3.9	235	16	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 01:40	4.3	235	17	6.4	0.0
14/11/2023 01:50	3.9	236	18	5.6	0.0
14/11/2023 02:00	3.8	235	16	5.8	0.0
14/11/2023 02:10	3.8	237	18	5.3	0.0
14/11/2023 02:20	4.1	237	17	5.7	0.0
14/11/2023 02:30	4.1	239	17	6.4	0.0
14/11/2023 02:40	3.8	239	16	6.0	0.0
14/11/2023 02:50	4.1	239	18	6.2	0.0
14/11/2023 03:00	4.6	240	17	7.5	0.0
14/11/2023 03:10	4.4	240	17	6.8	0.0
14/11/2023 03:20	4.4	236	19	6.7	0.0
14/11/2023 03:30	4.5	241	17	6.8	0.0
14/11/2023 03:40	4.8	248	15	7.1	0.0
14/11/2023 03:50	4.3	241	20	7.2	0.0
14/11/2023 04:00	4.4	247	17	6.8	0.0
14/11/2023 04:10	4.2	240	17	6.9	0.0
14/11/2023 04:20	4.4	245	15	6.4	0.0
14/11/2023 04:30	4.4	245	17	6.4	0.0
14/11/2023 04:40	4.6	244	19	7.5	0.0
14/11/2023 04:50	4.9	242	16	7.1	0.0
14/11/2023 05:00	4.8	244	19	7.8	0.0
14/11/2023 05:10	4.8	241	19	6.8	0.0
14/11/2023 05:20	4.5	238	16	6.6	0.0
14/11/2023 05:30	4.6	238	17	6.8	0.0
14/11/2023 05:40	4.8	235	18	6.9	0.0
14/11/2023 05:50	4.6	238	16	6.7	0.0
14/11/2023 06:00	4.4	236	18	6.1	0.0
14/11/2023 06:10	4.3	240	19	6.8	0.0
14/11/2023 06:20	4.2	241	18	5.7	0.0
14/11/2023 06:30	4.5	238	18	6.6	0.0
14/11/2023 06:40	4.6	238	19	6.5	0.0
14/11/2023 06:50	4.8	237	18	7.0	0.0
14/11/2023 07:00	5.2	239	19	7.2	0.0
14/11/2023 07:10	4.4	235	17	6.8	0.0
14/11/2023 07:20	4.2	239	19	6.5	0.0
14/11/2023 07:30	4.5	234	17	6.4	0.0
14/11/2023 07:40	4.2	231	21	6.4	0.0
14/11/2023 07:50	4.5	242	19	6.6	0.0
14/11/2023 08:00	4.6	246	19	6.3	0.0
14/11/2023 08:10	4.4	236	22	6.9	0.0
14/11/2023 08:20	4.7	238	16	7.4	0.0
14/11/2023 08:30	4.4	241	20	6.5	0.0
14/11/2023 08:40	4.5	242	17	6.1	0.0
14/11/2023 08:50	4.2	247	18	5.7	0.0
14/11/2023 09:00	4.3	253	18	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 09:10	4.6	250	16	7.2	0.0
14/11/2023 09:20	4.6	254	16	6.7	0.0
14/11/2023 09:30	4.5	250	20	6.5	0.0
14/11/2023 09:40	4.4	255	23	6.8	0.0
14/11/2023 09:50	4.7	251	17	6.9	0.0
14/11/2023 10:00	4.4	250	20	6.3	0.0
14/11/2023 10:10	4.4	258	18	6.4	0.0
14/11/2023 10:20	4.5	256	19	6.5	0.0
14/11/2023 10:30	4.7	251	19	7.0	0.0
14/11/2023 10:40	4.7	257	20	6.4	0.0
14/11/2023 10:50	4.6	257	20	6.4	0.0
14/11/2023 11:00	4.8	250	18	7.2	0.0
14/11/2023 11:10	4.7	257	18	7.2	0.0
14/11/2023 11:20	4.6	256	17	6.9	0.0
14/11/2023 11:30	5.4	247	17	7.7	0.0
14/11/2023 11:40	5.4	247	18	8.1	0.0
14/11/2023 11:50	6.2	244	14	8.2	0.0
14/11/2023 12:00	6.3	251	19	9.0	0.0
14/11/2023 12:10	6.4	247	15	8.4	0.0
14/11/2023 12:20	6.4	248	14	8.3	0.0
14/11/2023 12:30	6.1	247	18	8.4	0.0
14/11/2023 12:40	6.4	249	16	9.0	0.0
14/11/2023 12:50	5.9	245	15	8.7	0.0
14/11/2023 13:00	6.2	251	18	8.8	0.0
14/11/2023 13:10	6.4	246	20	9.0	0.0
14/11/2023 13:20	6.0	255	17	8.7	0.0
14/11/2023 13:30	5.9	249	17	8.4	0.0
14/11/2023 13:40	6.3	246	16	8.7	0.0
14/11/2023 13:50	6.1	248	17	8.8	0.0
14/11/2023 14:00	6.4	248	17	9.2	0.0
14/11/2023 14:10	5.7	252	19	8.3	0.0
14/11/2023 14:20	6.2	250	15	8.4	0.0
14/11/2023 14:30	6.5	251	19	8.9	0.0
14/11/2023 14:40	5.9	250	14	9.1	0.0
14/11/2023 14:50	5.5	251	18	8.5	0.0
14/11/2023 15:00	5.7	247	18	8.1	0.0
14/11/2023 15:10	6.5	247	15	9.7	0.0
14/11/2023 15:20	6.2	251	19	9.4	0.0
14/11/2023 15:30	6.2	248	15	9.1	0.0
14/11/2023 15:40	5.7	251	19	8.6	0.0
14/11/2023 15:50	6.4	248	14	8.8	0.0
14/11/2023 16:00	6.1	251	14	8.8	0.0
14/11/2023 16:10	7.2	249	15	9.5	0.0
14/11/2023 16:20	6.1	253	17	8.8	0.0
14/11/2023 16:30	6.5	252	15	9.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 16:40	6.5	252	14	9.2	0.0
14/11/2023 16:50	6.4	252	18	8.7	0.0
14/11/2023 17:00	6.1	254	16	8.5	0.0
14/11/2023 17:10	6.3	252	17	8.8	0.0
14/11/2023 17:20	7.0	253	15	9.6	0.0
14/11/2023 17:30	6.8	251	14	9.9	0.0
14/11/2023 17:40	6.3	251	16	8.8	0.0
14/11/2023 17:50	6.6	250	15	9.1	0.0
14/11/2023 18:00	6.3	251	14	8.5	0.0
14/11/2023 18:10	5.7	255	18	8.4	0.0
14/11/2023 18:20	5.9	252	15	8.3	0.0
14/11/2023 18:30	6.2	255	16	8.4	0.0
14/11/2023 18:40	5.6	253	14	8.3	0.0
14/11/2023 18:50	6.3	255	14	8.2	0.0
14/11/2023 19:00	6.2	254	15	8.8	0.0
14/11/2023 19:10	6.2	253	14	9.0	0.0
14/11/2023 19:20	6.3	252	16	8.7	0.0
14/11/2023 19:30	5.5	251	16	8.9	0.0
14/11/2023 19:40	6.5	257	15	9.3	0.0
14/11/2023 19:50	6.4	253	16	9.1	0.0
14/11/2023 20:00	6.5	252	17	9.5	0.0
14/11/2023 20:10	6.1	252	14	9.3	0.0
14/11/2023 20:20	5.5	249	18	8.3	0.0
14/11/2023 20:30	5.3	249	15	7.5	0.0
14/11/2023 20:40	5.5	251	16	7.6	0.0
14/11/2023 20:50	5.6	254	14	7.8	0.0
14/11/2023 21:00	5.3	250	15	7.9	0.0
14/11/2023 21:10	5.2	241	17	8.0	0.0
14/11/2023 21:20	5.0	242	19	7.5	0.0
14/11/2023 21:30	5.4	236	18	8.1	0.0
14/11/2023 21:40	4.9	230	20	7.5	0.0
14/11/2023 21:50	4.4	239	15	7.1	0.0
14/11/2023 22:00	4.6	235	17	6.8	0.0
14/11/2023 22:10	4.4	234	13	6.0	0.0
14/11/2023 22:20	4.0	235	17	6.0	0.0
14/11/2023 22:30	4.1	231	16	6.3	0.0
14/11/2023 22:40	3.8	239	16	5.6	0.0
14/11/2023 22:50	4.2	238	18	6.4	0.0
14/11/2023 23:00	4.1	235	16	6.5	0.0
14/11/2023 23:10	3.2	237	18	5.2	0.0
14/11/2023 23:20	4.3	241	18	6.9	0.0
14/11/2023 23:30	4.1	240	16	6.4	0.0
14/11/2023 23:40	3.8	232	18	5.6	0.0
14/11/2023 23:50	4.3	248	17	6.3	0.0
15/11/2023 00:00	4.4	243	20	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 00:10	4.3	240	17	6.2	0.0
15/11/2023 00:20	4.4	243	16	6.2	0.0
15/11/2023 00:30	4.6	247	19	6.9	0.0
15/11/2023 00:40	4.5	243	16	6.1	0.0
15/11/2023 00:50	3.6	246	23	5.7	0.0
15/11/2023 01:00	4.0	247	20	6.5	0.0
15/11/2023 01:10	4.3	252	15	6.6	0.0
15/11/2023 01:20	4.2	249	17	6.0	0.0
15/11/2023 01:30	4.4	243	19	7.1	0.0
15/11/2023 01:40	4.6	246	18	7.3	0.0
15/11/2023 01:50	4.4	246	20	6.9	0.0
15/11/2023 02:00	4.4	234	17	7.1	0.0
15/11/2023 02:10	4.2	235	17	6.8	0.0
15/11/2023 02:20	3.7	238	18	6.5	0.0
15/11/2023 02:30	3.9	245	17	5.6	0.0
15/11/2023 02:40	4.4	247	16	7.2	0.0
15/11/2023 02:50	3.8	245	18	5.9	0.0
15/11/2023 03:00	3.8	248	18	5.2	0.0
15/11/2023 03:10	4.6	249	18	6.6	0.0
15/11/2023 03:20	4.2	250	18	6.2	0.0
15/11/2023 03:30	4.5	247	18	6.6	0.0
15/11/2023 03:40	4.4	248	17	6.5	0.0
15/11/2023 03:50	4.2	248	15	6.4	0.0
15/11/2023 04:00	3.9	247	18	5.9	0.0
15/11/2023 04:10	3.7	250	15	5.3	0.0
15/11/2023 04:20	3.7	253	17	5.3	0.0
15/11/2023 04:30	3.7	253	15	5.6	0.0
15/11/2023 04:40	3.6	251	18	5.5	0.0
15/11/2023 04:50	3.6	251	20	5.7	0.0
15/11/2023 05:00	3.4	239	19	5.2	0.0
15/11/2023 05:10	3.3	243	16	5.0	0.0
15/11/2023 05:20	3.3	245	17	4.9	0.0
15/11/2023 05:30	3.0	251	16	4.3	0.0
15/11/2023 05:40	3.3	251	21	5.2	0.0
15/11/2023 05:50	3.8	248	16	5.7	0.0
15/11/2023 06:00	3.2	245	18	4.9	0.0
15/11/2023 06:10	3.7	243	17	5.6	0.0
15/11/2023 06:20	3.8	248	18	5.6	0.0
15/11/2023 06:30	4.1	248	16	5.7	0.0
15/11/2023 06:40	4.1	253	15	6.1	0.0
15/11/2023 06:50	4.2	250	16	5.7	0.0
15/11/2023 07:00	3.6	246	19	5.7	0.0
15/11/2023 07:10	3.6	245	20	4.9	0.0
15/11/2023 07:20	3.4	252	17	4.8	0.0
15/11/2023 07:30	3.7	253	16	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 07:40	3.7	252	17	5.3	0.0
15/11/2023 07:50	3.8	248	19	5.3	0.0
15/11/2023 08:00	3.8	251	19	5.6	0.0
15/11/2023 08:10	3.8	242	17	5.4	0.0
15/11/2023 08:20	3.8	239	20	5.5	0.0
15/11/2023 08:30	3.7	246	18	5.5	0.0
15/11/2023 08:40	3.9	258	17	5.5	0.0
15/11/2023 08:50	3.8	253	16	5.6	0.0
15/11/2023 09:00	4.1	256	19	5.9	0.0
15/11/2023 09:10	4.1	255	18	5.6	0.0
15/11/2023 09:20	4.1	255	17	5.5	0.0
15/11/2023 09:30	4.1	252	17	6.0	0.0
15/11/2023 09:40	4.1	255	18	6.6	0.0
15/11/2023 09:50	3.7	257	24	5.8	0.0
15/11/2023 10:00	4.0	252	20	5.3	0.0
15/11/2023 10:10	4.7	248	17	6.7	0.0
15/11/2023 10:20	4.5	258	17	6.5	0.0
15/11/2023 10:30	4.2	256	20	5.6	0.0
15/11/2023 10:40	4.4	254	19	6.4	0.0
15/11/2023 10:50	4.4	252	18	7.0	0.0
15/11/2023 11:00	4.7	255	18	7.2	0.0
15/11/2023 11:10	4.9	257	19	7.3	0.0
15/11/2023 11:20	4.7	254	20	6.8	0.0
15/11/2023 11:30	4.9	250	17	6.6	0.0
15/11/2023 11:40	4.8	252	17	7.3	0.0
15/11/2023 11:50	4.8	252	20	7.2	0.0
15/11/2023 12:00	5.1	248	15	7.3	0.0
15/11/2023 12:10	5.2	251	21	7.5	0.0
15/11/2023 12:20	5.2	250	17	7.3	0.0
15/11/2023 12:30	5.3	249	21	7.8	0.0
15/11/2023 12:40	5.1	251	21	7.3	0.0
15/11/2023 12:50	5.2	249	18	7.6	0.0
15/11/2023 13:00	5.6	250	19	8.6	0.0
15/11/2023 13:10	5.8	249	16	8.7	0.0
15/11/2023 13:20	5.5	251	15	8.8	0.0
15/11/2023 13:30	5.5	252	18	8.1	0.0
15/11/2023 13:40	5.8	248	18	8.3	0.0
15/11/2023 13:50	6.2	251	15	8.7	0.0
15/11/2023 14:00	6.2	253	18	8.9	0.0
15/11/2023 14:10	6.5	250	17	9.1	0.0
15/11/2023 14:20	6.7	247	18	9.4	0.0
15/11/2023 14:30	5.9	249	20	8.4	0.0
15/11/2023 14:40	6.2	247	17	8.8	0.0
15/11/2023 14:50	6.2	248	16	9.7	0.0
15/11/2023 15:00	6.1	247	15	8.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 15:10	5.7	251	16	8.6	0.0
15/11/2023 15:20	6.5	250	16	9.5	0.0
15/11/2023 15:30	5.9	253	18	8.7	0.0
15/11/2023 15:40	5.7	254	17	8.4	0.0
15/11/2023 15:50	5.6	256	20	8.6	0.0
15/11/2023 16:00	6.0	256	19	8.5	0.0
15/11/2023 16:10	5.8	256	19	8.5	0.0
15/11/2023 16:20	6.2	246	16	9.1	0.0
15/11/2023 16:30	6.3	254	17	9.2	0.0
15/11/2023 16:40	6.1	249	20	8.3	0.0
15/11/2023 16:50	6.9	251	16	9.9	0.0
15/11/2023 17:00	6.0	248	16	8.8	0.0
15/11/2023 17:10	6.1	251	18	8.7	0.0
15/11/2023 17:20	6.8	252	16	9.4	0.0
15/11/2023 17:30	6.4	251	17	9.2	0.0
15/11/2023 17:40	6.7	253	16	9.0	0.0
15/11/2023 17:50	6.3	252	17	8.8	0.0
15/11/2023 18:00	6.4	255	15	9.3	0.0
15/11/2023 18:10	6.2	254	18	8.4	0.0
15/11/2023 18:20	6.1	253	16	9.0	0.0
15/11/2023 18:30	5.9	252	14	7.6	0.0
15/11/2023 18:40	6.1	252	16	8.6	0.0
15/11/2023 18:50	6.2	250	16	8.7	0.0
15/11/2023 19:00	6.6	250	13	8.5	0.0
15/11/2023 19:10	6.0	252	14	8.6	0.0
15/11/2023 19:20	5.6	254	15	8.1	0.0
15/11/2023 19:30	5.4	252	16	7.9	0.0
15/11/2023 19:40	5.8	256	13	7.9	0.0
15/11/2023 19:50	5.8	256	14	8.4	0.0
15/11/2023 20:00	6.2	253	14	8.7	0.0
15/11/2023 20:10	5.3	247	16	7.5	0.0
15/11/2023 20:20	5.7	250	17	8.3	0.0
15/11/2023 20:30	5.3	252	18	8.9	0.0
15/11/2023 20:40	5.9	251	16	8.1	0.0
15/11/2023 20:50	6.2	254	17	8.3	0.0
15/11/2023 21:00	5.5	244	18	8.0	0.0
15/11/2023 21:10	4.8	250	18	7.1	0.0
15/11/2023 21:20	5.0	251	18	7.7	0.0
15/11/2023 21:30	5.0	249	18	7.7	0.0
15/11/2023 21:40	5.5	252	16	7.5	0.0
15/11/2023 21:50	5.3	254	16	7.8	0.0
15/11/2023 22:00	5.2	241	20	7.9	0.0
15/11/2023 22:10	4.7	245	20	7.6	0.0
15/11/2023 22:20	5.3	244	17	8.4	0.0
15/11/2023 22:30	4.8	243	16	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 22:40	4.6	243	18	7.1	0.0
15/11/2023 22:50	4.6	246	14	7.2	0.0
15/11/2023 23:00	5.0	248	16	7.0	0.0
15/11/2023 23:10	5.0	247	16	6.9	0.0
15/11/2023 23:20	4.8	240	18	6.9	0.0
15/11/2023 23:30	4.6	240	17	7.1	0.0
15/11/2023 23:40	4.7	243	16	7.3	0.0
15/11/2023 23:50	4.7	243	18	7.2	0.0
16/11/2023 00:00	5.0	239	17	7.5	0.0
16/11/2023 00:10	4.4	245	17	6.9	0.0
16/11/2023 00:20	5.0	240	17	7.2	0.0
16/11/2023 00:30	5.3	237	16	8.3	0.0
16/11/2023 00:40	5.3	236	15	7.5	0.0
16/11/2023 00:50	5.6	234	17	8.1	0.0
16/11/2023 01:00	5.1	241	19	7.5	0.0
16/11/2023 01:10	4.7	234	16	7.2	0.0
16/11/2023 01:20	5.5	239	18	7.9	0.0
16/11/2023 01:30	4.9	244	17	6.7	0.0
16/11/2023 01:40	4.9	243	18	7.0	0.0
16/11/2023 01:50	4.5	243	17	6.5	0.0
16/11/2023 02:00	4.8	246	18	7.3	0.0
16/11/2023 02:10	4.9	240	18	7.2	0.0
16/11/2023 02:20	5.1	238	15	7.2	0.0
16/11/2023 02:30	4.6	234	16	6.4	0.0
16/11/2023 02:40	4.5	233	17	6.8	0.0
16/11/2023 02:50	4.3	233	19	6.8	0.0
16/11/2023 03:00	4.6	238	15	6.3	0.0
16/11/2023 03:10	4.3	238	15	6.8	0.0
16/11/2023 03:20	4.4	233	19	6.9	0.0
16/11/2023 03:30	4.6	236	16	6.8	0.0
16/11/2023 03:40	4.0	237	18	7.0	0.0
16/11/2023 03:50	3.5	234	16	4.9	0.0
16/11/2023 04:00	3.4	241	19	4.9	0.0
16/11/2023 04:10	3.7	249	16	5.3	0.0
16/11/2023 04:20	3.8	245	16	5.4	0.0
16/11/2023 04:30	3.4	246	17	5.2	0.0
16/11/2023 04:40	3.7	246	15	5.3	0.0
16/11/2023 04:50	3.9	239	20	5.6	0.0
16/11/2023 05:00	3.8	231	16	5.6	0.0
16/11/2023 05:10	4.2	236	15	6.3	0.0
16/11/2023 05:20	3.7	232	18	5.7	0.0
16/11/2023 05:30	3.6	238	18	5.5	0.0
16/11/2023 05:40	3.8	236	15	5.4	0.0
16/11/2023 05:50	4.6	240	15	6.6	0.0
16/11/2023 06:00	3.9	244	17	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 06:10	4.6	234	16	6.7	0.0
16/11/2023 06:20	4.2	245	17	6.4	0.0
16/11/2023 06:30	4.4	243	16	6.6	0.0
16/11/2023 06:40	4.1	239	19	6.1	0.0
16/11/2023 06:50	4.5	237	19	6.4	0.0
16/11/2023 07:00	4.5	240	16	6.4	0.0
16/11/2023 07:10	4.4	245	16	6.5	0.0
16/11/2023 07:20	4.7	249	14	6.7	0.0
16/11/2023 07:30	4.5	248	17	6.3	0.0
16/11/2023 07:40	4.1	247	22	5.8	0.0
16/11/2023 07:50	3.1	247	21	4.9	0.0
16/11/2023 08:00	3.7	254	15	5.6	0.0
16/11/2023 08:10	4.1	251	20	6.0	0.0
16/11/2023 08:20	4.3	248	16	5.9	0.0
16/11/2023 08:30	4.3	249	16	6.2	0.0
16/11/2023 08:40	4.1	246	17	5.6	0.0
16/11/2023 08:50	3.6	252	19	5.0	0.0
16/11/2023 09:00	4.0	250	19	5.6	0.0
16/11/2023 09:10	3.9	260	20	5.6	0.0
16/11/2023 09:20	4.2	251	17	6.2	0.0
16/11/2023 09:30	4.7	248	15	6.4	0.0
16/11/2023 09:40	4.8	250	17	6.8	0.0
16/11/2023 09:50	4.4	248	16	6.0	0.0
16/11/2023 10:00	4.5	250	19	6.5	0.0
16/11/2023 10:10	4.8	246	15	6.8	0.0
16/11/2023 10:20	5.0	248	16	7.0	0.0
16/11/2023 10:30	4.4	247	18	6.8	0.0
16/11/2023 10:40	4.9	246	15	6.9	0.0
16/11/2023 10:50	5.3	244	16	7.3	0.0
16/11/2023 11:00	4.7	250	18	6.7	0.0
16/11/2023 11:10	4.5	255	16	6.4	0.0
16/11/2023 11:20	4.6	257	19	6.4	0.0
16/11/2023 11:30	4.7	247	15	6.6	0.0
16/11/2023 11:40	4.6	248	18	6.4	0.0
16/11/2023 11:50	5.0	243	16	6.9	0.0
16/11/2023 12:00	5.3	244	19	7.7	0.0
16/11/2023 12:10	5.3	245	15	7.1	0.0
16/11/2023 12:20	4.9	249	17	7.1	0.0
16/11/2023 12:30	4.7	248	19	7.1	0.0
16/11/2023 12:40	5.2	246	16	7.2	0.0
16/11/2023 12:50	5.2	247	19	7.6	0.0
16/11/2023 13:00	4.9	249	18	6.8	0.0
16/11/2023 13:10	5.4	245	16	7.0	0.0
16/11/2023 13:20	5.3	244	17	8.4	0.0
16/11/2023 13:30	5.4	240	16	7.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 13:40	5.2	241	17	7.5	0.0
16/11/2023 13:50	5.4	239	18	7.5	0.0
16/11/2023 14:00	5.4	243	18	7.5	0.0
16/11/2023 14:10	5.4	244	18	7.9	0.0
16/11/2023 14:20	5.4	246	17	7.9	0.0
16/11/2023 14:30	5.9	249	16	7.7	0.0
16/11/2023 14:40	6.2	249	15	8.5	0.0
16/11/2023 14:50	5.8	249	16	8.3	0.0
16/11/2023 15:00	5.6	254	13	7.6	0.0
16/11/2023 15:10	5.8	248	14	8.3	0.0
16/11/2023 15:20	5.6	253	18	8.1	0.0
16/11/2023 15:30	5.1	255	16	8.0	0.0
16/11/2023 15:40	5.4	246	17	7.9	0.0
16/11/2023 15:50	5.1	252	16	7.6	0.0
16/11/2023 16:00	5.8	245	17	7.8	0.0
16/11/2023 16:10	6.1	245	15	8.1	0.0
16/11/2023 16:20	5.7	242	17	7.9	0.0
16/11/2023 16:30	6.1	247	18	8.6	0.0
16/11/2023 16:40	5.9	245	17	8.3	0.0
16/11/2023 16:50	5.9	248	15	8.8	0.0
16/11/2023 17:00	5.6	247	17	8.5	0.0
16/11/2023 17:10	5.6	251	16	8.0	0.0
16/11/2023 17:20	5.6	246	15	8.0	0.0
16/11/2023 17:30	5.2	250	17	7.9	0.0
16/11/2023 17:40	5.3	250	17	7.8	0.0
16/11/2023 17:50	5.5	249	16	7.5	0.0
16/11/2023 18:00	5.1	250	16	7.2	0.0
16/11/2023 18:10	4.8	247	18	7.0	0.0
16/11/2023 18:20	4.7	250	18	6.7	0.0
16/11/2023 18:30	5.0	250	16	7.6	0.0
16/11/2023 18:40	5.0	252	16	6.6	0.0
16/11/2023 18:50	5.1	254	14	7.3	0.0
16/11/2023 19:00	4.7	258	14	6.3	0.0
16/11/2023 19:10	4.9	258	18	6.8	0.0
16/11/2023 19:20	5.2	253	13	7.3	0.0
16/11/2023 19:30	4.7	255	17	6.9	0.0
16/11/2023 19:40	5.4	253	12	7.1	0.0
16/11/2023 19:50	5.3	249	14	7.6	0.0
16/11/2023 20:00	5.5	253	16	7.9	0.0
16/11/2023 20:10	5.3	251	16	7.3	0.0
16/11/2023 20:20	5.1	252	15	7.1	0.0
16/11/2023 20:30	5.0	251	16	8.0	0.0
16/11/2023 20:40	5.0	251	16	7.5	0.0
16/11/2023 20:50	5.2	249	17	7.5	0.0
16/11/2023 21:00	5.2	253	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 21:10	4.2	247	17	6.8	0.0
16/11/2023 21:20	4.7	248	20	6.9	0.0
16/11/2023 21:30	4.7	246	18	6.8	0.0
16/11/2023 21:40	4.2	240	21	6.4	0.0
16/11/2023 21:50	4.6	243	20	6.8	0.0
16/11/2023 22:00	4.0	244	17	6.0	0.0
16/11/2023 22:10	4.4	242	19	6.4	0.0
16/11/2023 22:20	4.0	244	17	6.2	0.0
16/11/2023 22:30	4.4	246	18	7.2	0.0
16/11/2023 22:40	4.5	240	16	6.8	0.0
16/11/2023 22:50	4.0	239	21	6.0	0.0
16/11/2023 23:00	3.9	243	20	5.4	0.0
16/11/2023 23:10	4.1	243	17	6.0	0.0
16/11/2023 23:20	3.6	242	17	5.6	0.0
16/11/2023 23:30	3.8	246	18	6.0	0.0
16/11/2023 23:40	3.4	245	17	5.2	0.0
16/11/2023 23:50	3.5	252	16	5.6	0.0
17/11/2023 00:00	3.1	242	19	4.9	0.0
17/11/2023 00:10	3.7	241	17	5.4	0.0
17/11/2023 00:20	3.6	243	17	5.4	0.0
17/11/2023 00:30	3.8	240	18	6.0	0.0
17/11/2023 00:40	4.1	241	19	6.4	0.0
17/11/2023 00:50	4.4	238	18	7.1	0.0
17/11/2023 01:00	4.1	246	17	6.6	0.0
17/11/2023 01:10	4.2	243	17	6.6	0.0
17/11/2023 01:20	4.3	236	16	5.9	0.0
17/11/2023 01:30	4.0	240	18	6.6	0.0
17/11/2023 01:40	4.3	238	17	6.4	0.0
17/11/2023 01:50	3.9	237	17	5.6	0.0
17/11/2023 02:00	4.3	241	17	6.4	0.0
17/11/2023 02:10	4.4	242	16	6.6	0.0
17/11/2023 02:20	4.8	245	19	7.2	0.0
17/11/2023 02:30	4.1	249	16	6.1	0.0
17/11/2023 02:40	4.0	247	18	6.0	0.0
17/11/2023 02:50	4.1	245	17	6.0	0.0
17/11/2023 03:00	3.9	252	14	5.9	0.0
17/11/2023 03:10	4.3	244	15	6.4	0.0
17/11/2023 03:20	4.5	241	15	7.1	0.0
17/11/2023 03:30	4.1	246	19	5.9	0.0
17/11/2023 03:40	3.4	243	20	6.4	0.0
17/11/2023 03:50	4.7	243	16	6.4	0.0
17/11/2023 04:00	3.8	246	19	5.8	0.0
17/11/2023 04:10	3.9	245	16	5.7	0.0
17/11/2023 04:20	3.9	246	20	5.6	0.0
17/11/2023 04:30	4.0	250	17	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 04:40	3.6	251	20	5.2	0.0
17/11/2023 04:50	4.2	249	15	6.1	0.0
17/11/2023 05:00	4.3	246	18	6.5	0.0
17/11/2023 05:10	4.1	246	18	6.0	0.0
17/11/2023 05:20	4.2	251	17	6.4	0.0
17/11/2023 05:30	4.1	245	19	6.3	0.0
17/11/2023 05:40	4.2	239	16	6.2	0.0
17/11/2023 05:50	3.8	247	18	5.5	0.0
17/11/2023 06:00	4.4	245	18	6.3	0.0
17/11/2023 06:10	4.1	249	19	6.0	0.0
17/11/2023 06:20	4.5	250	18	6.5	0.0
17/11/2023 06:30	5.0	248	16	6.4	0.0
17/11/2023 06:40	4.6	252	17	6.5	0.0
17/11/2023 06:50	4.3	240	18	6.3	0.0
17/11/2023 07:00	4.5	237	16	6.6	0.0
17/11/2023 07:10	4.6	246	18	6.6	0.0
17/11/2023 07:20	4.5	241	17	6.4	0.0
17/11/2023 07:30	4.4	241	19	6.6	0.0
17/11/2023 07:40	4.5	251	19	6.8	0.0
17/11/2023 07:50	4.8	250	15	6.7	0.0
17/11/2023 08:00	4.5	246	17	6.4	0.0
17/11/2023 08:10	4.3	246	20	6.0	0.0
17/11/2023 08:20	4.4	248	14	6.2	0.0
17/11/2023 08:30	4.3	253	14	6.2	0.0
17/11/2023 08:40	4.3	244	13	6.1	0.0
17/11/2023 08:50	4.3	254	20	6.0	0.0
17/11/2023 09:00	4.6	242	19	6.5	0.0
17/11/2023 09:10	4.4	252	14	6.2	0.0
17/11/2023 09:20	4.3	252	18	5.7	0.0
17/11/2023 09:30	4.0	251	16	6.0	0.0
17/11/2023 09:40	4.6	246	15	7.2	0.0
17/11/2023 09:50	4.7	250	17	7.2	0.0
17/11/2023 10:00	5.1	246	17	7.2	0.0
17/11/2023 10:10	5.0	248	19	7.1	0.0
17/11/2023 10:20	5.1	248	17	7.0	0.0
17/11/2023 10:30	5.1	253	19	7.5	0.0
17/11/2023 10:40	5.1	251	18	7.3	0.0
17/11/2023 10:50	5.2	251	22	8.0	0.0
17/11/2023 11:00	5.7	252	16	8.2	0.0
17/11/2023 11:10	5.8	249	15	8.9	0.0
17/11/2023 11:20	5.4	248	15	8.3	0.0
17/11/2023 11:30	5.4	251	18	7.7	0.0
17/11/2023 11:40	5.1	257	18	7.4	0.0
17/11/2023 11:50	5.6	246	20	7.7	0.0
17/11/2023 12:00	5.2	250	16	7.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 12:10	5.0	255	18	8.1	0.0
17/11/2023 12:20	4.7	252	20	7.1	0.0
17/11/2023 12:30	5.0	249	18	7.4	0.0
17/11/2023 12:40	5.5	250	21	7.5	0.0
17/11/2023 12:50	5.4	249	17	7.9	0.0
17/11/2023 13:00	5.8	248	17	8.1	0.0
17/11/2023 13:10	5.2	252	19	7.5	0.0
17/11/2023 13:20	5.9	247	17	7.9	0.0
17/11/2023 13:30	6.1	246	16	8.7	0.0
17/11/2023 13:40	5.4	253	19	8.3	0.0
17/11/2023 13:50	5.0	251	20	7.5	0.0
17/11/2023 14:00	5.7	244	16	8.3	0.0
17/11/2023 14:10	5.6	246	15	7.5	0.0
17/11/2023 14:20	5.5	247	16	7.5	0.0
17/11/2023 14:30	5.5	249	15	7.9	0.0
17/11/2023 14:40	5.8	246	15	8.1	0.0
17/11/2023 14:50	5.5	249	16	8.1	0.0
17/11/2023 15:00	5.3	248	15	7.4	0.0
17/11/2023 15:10	4.0	261	22	6.9	0.0
17/11/2023 15:20	3.7	264	27	6.1	0.0
17/11/2023 15:30	3.4	268	29	5.2	0.0
17/11/2023 15:40	3.3	277	36	5.5	0.0
17/11/2023 15:50	3.6	261	25	5.1	0.0
17/11/2023 16:00	4.0	264	22	6.6	0.0
17/11/2023 16:10	5.9	247	17	8.4	0.0
17/11/2023 16:20	5.5	249	14	7.9	0.0
17/11/2023 16:30	5.9	242	17	8.2	0.0
17/11/2023 16:40	5.8	244	13	7.5	0.0
17/11/2023 16:50	5.5	247	16	8.2	0.0
17/11/2023 17:00	5.2	249	16	6.9	0.0
17/11/2023 17:10	5.6	251	14	7.7	0.0
17/11/2023 17:20	5.8	251	18	8.4	0.0
17/11/2023 17:30	5.6	246	15	7.9	0.0
17/11/2023 17:40	4.7	250	18	6.8	0.0
17/11/2023 17:50	5.2	250	17	7.7	0.0
17/11/2023 18:00	4.7	260	20	6.8	0.0
17/11/2023 18:10	4.5	255	17	6.8	0.0
17/11/2023 18:20	4.7	255	17	7.5	0.0
17/11/2023 18:30	4.9	257	16	7.0	0.0
17/11/2023 18:40	4.6	257	19	7.2	0.0
17/11/2023 18:50	4.4	255	17	6.7	0.0
17/11/2023 19:00	4.7	260	14	7.2	0.0
17/11/2023 19:10	4.4	260	17	7.0	0.0
17/11/2023 19:20	4.4	261	18	7.2	0.0
17/11/2023 19:30	4.2	260	16	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 19:40	4.4	257	17	6.8	0.0
17/11/2023 19:50	4.4	255	15	6.5	0.0
17/11/2023 20:00	4.2	260	18	6.2	0.0
17/11/2023 20:10	4.4	257	17	6.8	0.0
17/11/2023 20:20	4.9	258	17	7.5	0.0
17/11/2023 20:30	4.7	260	17	7.3	0.0
17/11/2023 20:40	5.0	256	18	7.5	0.0
17/11/2023 20:50	4.7	254	17	7.1	0.0
17/11/2023 21:00	5.6	249	15	7.9	0.0
17/11/2023 21:10	5.0	255	17	6.9	0.0
17/11/2023 21:20	4.8	251	16	6.8	0.0
17/11/2023 21:30	4.8	251	17	7.6	0.0
17/11/2023 21:40	4.4	244	16	6.8	0.0
17/11/2023 21:50	4.7	254	18	7.1	0.0
17/11/2023 22:00	4.3	254	16	6.3	0.0
17/11/2023 22:10	4.8	254	14	7.1	0.0
17/11/2023 22:20	4.6	252	13	6.8	0.0
17/11/2023 22:30	3.9	252	18	6.0	0.0
17/11/2023 22:40	4.4	249	15	6.8	0.0
17/11/2023 22:50	3.7	249	17	5.5	0.0
17/11/2023 23:00	4.2	249	17	6.3	0.0
17/11/2023 23:10	4.6	255	17	6.7	0.0
17/11/2023 23:20	4.4	251	17	6.8	0.0
17/11/2023 23:30	3.8	245	17	5.9	0.0
17/11/2023 23:40	3.5	245	18	5.3	0.0
17/11/2023 23:50	4.4	243	16	6.4	0.0
18/11/2023 00:00	4.1	247	16	6.4	0.0
18/11/2023 00:10	3.8	241	19	5.6	0.0
18/11/2023 00:20	3.7	239	15	5.5	0.0
18/11/2023 00:30	4.2	237	16	5.6	0.0
18/11/2023 00:40	4.2	238	15	6.3	0.0
18/11/2023 00:50	4.1	238	17	6.0	0.0
18/11/2023 01:00	3.6	240	16	5.9	0.0
18/11/2023 01:10	3.9	251	19	5.7	0.0
18/11/2023 01:20	3.9	249	16	5.6	0.0
18/11/2023 01:30	4.2	237	17	5.9	0.0
18/11/2023 01:40	4.1	233	17	5.9	0.0
18/11/2023 01:50	4.3	235	17	7.1	0.0
18/11/2023 02:00	4.4	236	15	6.2	0.0
18/11/2023 02:10	4.2	238	16	6.3	0.0
18/11/2023 02:20	4.1	237	18	6.2	0.0
18/11/2023 02:30	4.7	238	17	6.9	0.0
18/11/2023 02:40	4.5	237	17	6.8	0.0
18/11/2023 02:50	4.5	236	15	6.4	0.0
18/11/2023 03:00	4.4	235	16	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 03:10	4.1	238	16	5.7	0.0
18/11/2023 03:20	4.2	236	16	6.0	0.0
18/11/2023 03:30	4.4	238	16	6.4	0.0
18/11/2023 03:40	4.2	240	17	6.1	0.0
18/11/2023 03:50	4.3	240	17	6.4	0.0
18/11/2023 04:00	4.2	238	17	6.6	0.0
18/11/2023 04:10	4.4	239	15	6.5	0.0
18/11/2023 04:20	4.1	241	15	6.6	0.0
18/11/2023 04:30	4.1	240	15	6.0	0.0
18/11/2023 04:40	3.9	242	16	6.2	0.0
18/11/2023 04:50	4.4	240	17	6.3	0.0
18/11/2023 05:00	4.1	241	17	6.4	0.0
18/11/2023 05:10	4.2	240	20	6.2	0.0
18/11/2023 05:20	4.1	238	19	6.2	0.0
18/11/2023 05:30	3.6	237	13	5.6	0.0
18/11/2023 05:40	4.0	239	19	6.0	0.0
18/11/2023 05:50	4.2	239	19	6.0	0.0
18/11/2023 06:00	3.9	241	17	6.4	0.0
18/11/2023 06:10	3.9	241	21	6.0	0.0
18/11/2023 06:20	3.8	241	18	6.2	0.0
18/11/2023 06:30	3.9	239	19	5.6	0.0
18/11/2023 06:40	3.8	243	18	5.6	0.0
18/11/2023 06:50	4.3	246	18	6.4	0.0
18/11/2023 07:00	4.4	247	16	6.2	0.0
18/11/2023 07:10	4.1	249	17	5.9	0.0
18/11/2023 07:20	4.2	246	20	5.9	0.0
18/11/2023 07:30	3.9	246	20	5.6	0.0
18/11/2023 07:40	4.0	245	16	5.7	0.0
18/11/2023 07:50	4.3	252	14	5.8	0.0
18/11/2023 08:00	3.8	244	23	5.3	0.0
18/11/2023 08:10	3.6	254	15	5.3	0.0
18/11/2023 08:20	3.5	253	18	5.0	0.0
18/11/2023 08:30	3.9	254	15	6.0	0.0
18/11/2023 08:40	4.1	254	15	5.6	0.0
18/11/2023 08:50	4.0	253	17	5.6	0.0
18/11/2023 09:00	3.8	254	17	5.6	0.0
18/11/2023 09:10	3.8	256	19	5.6	0.0
18/11/2023 09:20	3.9	258	17	6.0	0.0
18/11/2023 09:30	3.8	256	20	5.5	0.0
18/11/2023 09:40	4.2	249	17	5.9	0.0
18/11/2023 09:50	3.9	249	19	5.2	0.0
18/11/2023 10:00	4.2	250	19	6.2	0.0
18/11/2023 10:10	3.9	254	18	5.5	0.0
18/11/2023 10:20	3.8	258	18	5.4	0.0
18/11/2023 10:30	4.2	255	20	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 10:40	4.1	258	18	6.0	0.0
18/11/2023 10:50	4.4	256	18	6.4	0.0
18/11/2023 11:00	4.7	253	18	6.6	0.0
18/11/2023 11:10	4.3	256	19	6.3	0.0
18/11/2023 11:20	4.5	250	22	6.7	0.0
18/11/2023 11:30	4.8	242	15	6.9	0.0
18/11/2023 11:40	4.6	250	18	6.5	0.0
18/11/2023 11:50	4.8	248	16	6.9	0.0
18/11/2023 12:00	5.1	248	19	7.2	0.0
18/11/2023 12:10	5.1	243	16	6.8	0.0
18/11/2023 12:20	5.2	245	17	7.0	0.0
18/11/2023 12:30	5.5	244	15	7.3	0.0
18/11/2023 12:40	5.1	249	19	6.8	0.0
18/11/2023 12:50	4.8	247	19	7.2	0.0
18/11/2023 13:00	5.1	248	17	7.0	0.0
18/11/2023 13:10	5.2	248	15	7.1	0.0
18/11/2023 13:20	5.4	248	15	7.2	0.0
18/11/2023 13:30	5.6	251	15	7.8	0.0
18/11/2023 13:40	5.6	248	14	7.4	0.0
18/11/2023 13:50	5.2	249	15	7.2	0.0
18/11/2023 14:00	5.5	243	17	8.0	0.0
18/11/2023 14:10	5.5	240	17	7.4	0.0
18/11/2023 14:20	5.4	238	16	7.2	0.0
18/11/2023 14:30	5.6	238	15	7.4	0.0
18/11/2023 14:40	5.2	244	15	7.4	0.0
18/11/2023 14:50	5.5	249	14	8.1	0.0
18/11/2023 15:00	5.2	251	14	7.7	0.0
18/11/2023 15:10	5.3	253	18	7.6	0.0
18/11/2023 15:20	5.3	252	15	7.9	0.0
18/11/2023 15:30	4.9	253	16	7.2	0.0
18/11/2023 15:40	5.1	252	17	7.2	0.0
18/11/2023 15:50	5.1	254	16	7.2	0.0
18/11/2023 16:00	5.1	252	16	7.2	0.0
18/11/2023 16:10	4.8	264	16	7.3	0.0
18/11/2023 16:20	5.1	254	16	8.1	0.0
18/11/2023 16:30	5.1	255	16	7.4	0.0
18/11/2023 16:40	5.0	251	18	7.3	0.0
18/11/2023 16:50	4.5	262	17	6.3	0.0
18/11/2023 17:00	4.6	262	19	6.3	0.0
18/11/2023 17:10	4.6	254	18	6.7	0.0
18/11/2023 17:20	4.4	257	17	6.7	0.0
18/11/2023 17:30	4.4	259	19	6.5	0.0
18/11/2023 17:40	4.1	264	19	6.0	0.0
18/11/2023 17:50	4.2	263	19	6.3	0.0
18/11/2023 18:00	4.6	263	16	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 18:10	4.7	259	19	6.1	0.0
18/11/2023 18:20	5.2	259	17	7.3	0.0
18/11/2023 18:30	4.5	256	15	6.1	0.0
18/11/2023 18:40	5.0	254	14	6.8	0.0
18/11/2023 18:50	4.5	256	14	6.0	0.0
18/11/2023 19:00	4.5	254	15	6.6	0.0
18/11/2023 19:10	4.6	255	13	6.7	0.0
18/11/2023 19:20	4.8	254	13	6.7	0.0
18/11/2023 19:30	4.4	254	13	6.0	0.0
18/11/2023 19:40	4.9	255	17	6.5	0.0
18/11/2023 19:50	4.4	251	16	6.8	0.0
18/11/2023 20:00	4.5	254	14	6.4	0.0
18/11/2023 20:10	4.6	255	12	6.5	0.0
18/11/2023 20:20	4.6	257	13	6.2	0.0
18/11/2023 20:30	4.9	255	15	7.0	0.0
18/11/2023 20:40	4.7	256	17	6.6	0.0
18/11/2023 20:50	4.8	256	12	6.8	0.0
18/11/2023 21:00	4.7	257	13	6.1	0.0
18/11/2023 21:10	4.4	260	16	6.4	0.0
18/11/2023 21:20	4.6	256	14	6.4	0.0
18/11/2023 21:30	4.5	254	14	6.7	0.0
18/11/2023 21:40	4.8	252	14	6.5	0.0
18/11/2023 21:50	4.4	254	17	6.4	0.0
18/11/2023 22:00	3.9	252	16	5.8	0.0
18/11/2023 22:10	4.5	253	17	6.3	0.0
18/11/2023 22:20	4.5	255	15	6.3	0.0
18/11/2023 22:30	4.9	254	13	6.6	0.0
18/11/2023 22:40	4.3	254	15	6.9	0.0
18/11/2023 22:50	4.2	255	15	5.7	0.0
18/11/2023 23:00	4.0	253	15	5.6	0.0
18/11/2023 23:10	4.4	251	14	6.0	0.0
18/11/2023 23:20	4.4	255	15	6.4	0.0
18/11/2023 23:30	4.4	253	12	6.1	0.0
18/11/2023 23:40	4.1	254	12	6.1	0.0
18/11/2023 23:50	3.7	251	16	5.5	0.0
19/11/2023 00:00	4.1	253	14	6.0	0.0
19/11/2023 00:10	4.1	257	15	5.4	0.0
19/11/2023 00:20	4.4	254	15	6.1	0.0
19/11/2023 00:30	4.6	256	12	6.5	0.0
19/11/2023 00:40	4.3	255	15	5.8	0.0
19/11/2023 00:50	4.3	254	13	6.0	0.0
19/11/2023 01:00	4.3	252	13	5.8	0.0
19/11/2023 01:10	4.4	254	15	6.0	0.0
19/11/2023 01:20	4.4	256	12	6.2	0.0
19/11/2023 01:30	4.6	253	14	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 01:40	4.3	254	17	6.0	0.0
19/11/2023 01:50	4.5	254	16	6.4	0.0
19/11/2023 02:00	4.3	255	14	6.0	0.0
19/11/2023 02:10	3.7	255	16	6.0	0.0
19/11/2023 02:20	3.7	256	15	5.2	0.0
19/11/2023 02:30	3.6	253	16	5.6	0.0
19/11/2023 02:40	3.6	254	13	5.3	0.0
19/11/2023 02:50	3.3	256	15	5.2	0.0
19/11/2023 03:00	3.6	251	15	5.1	0.0
19/11/2023 03:10	3.7	251	16	5.4	0.0
19/11/2023 03:20	3.6	245	15	5.3	0.0
19/11/2023 03:30	3.7	241	15	5.2	0.0
19/11/2023 03:40	3.8	244	17	5.8	0.0
19/11/2023 03:50	3.5	243	18	5.1	0.0
19/11/2023 04:00	3.7	234	15	5.5	0.0
19/11/2023 04:10	3.2	237	15	4.5	0.0
19/11/2023 04:20	3.4	236	18	5.3	0.0
19/11/2023 04:30	3.7	237	19	5.2	0.0
19/11/2023 04:40	3.6	236	15	5.0	0.0
19/11/2023 04:50	3.7	237	17	5.2	0.0
19/11/2023 05:00	3.3	240	19	4.8	0.0
19/11/2023 05:10	3.3	242	13	4.7	0.0
19/11/2023 05:20	3.2	240	16	5.0	0.0
19/11/2023 05:30	3.0	240	17	4.4	0.0
19/11/2023 05:40	3.1	241	15	4.3	0.0
19/11/2023 05:50	3.0	241	16	4.2	0.0
19/11/2023 06:00	2.8	250	17	4.4	0.0
19/11/2023 06:10	3.1	248	18	4.7	0.0
19/11/2023 06:20	2.8	232	16	3.9	0.0
19/11/2023 06:30	2.9	236	16	4.4	0.0
19/11/2023 06:40	2.9	228	18	4.1	0.0
19/11/2023 06:50	3.1	232	16	4.4	0.0
19/11/2023 07:00	3.2	241	17	5.2	0.0
19/11/2023 07:10	3.2	239	16	4.3	0.0
19/11/2023 07:20	3.0	246	17	4.2	0.0
19/11/2023 07:30	3.1	245	16	4.6	0.0
19/11/2023 07:40	2.8	239	17	4.0	0.0
19/11/2023 07:50	2.6	245	19	3.6	0.0
19/11/2023 08:00	2.5	243	21	3.8	0.0
19/11/2023 08:10	2.6	249	22	3.6	0.0
19/11/2023 08:20	2.1	255	29	3.2	0.0
19/11/2023 08:30	1.9	243	29	3.1	0.0
19/11/2023 08:40	2.1	240	25	3.3	0.0
19/11/2023 08:50	2.0	263	24	2.9	0.0
19/11/2023 09:00	2.1	264	28	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 09:10	1.8	275	35	2.5	0.0
19/11/2023 09:20	1.7	275	40	2.6	0.0
19/11/2023 09:30	1.6	254	38	2.8	0.0
19/11/2023 09:40	2.1	265	24	3.6	0.0
19/11/2023 09:50	2.0	251	26	3.2	0.0
19/11/2023 10:00	1.8	266	29	3.2	0.0
19/11/2023 10:10	1.9	272	37	3.6	0.0
19/11/2023 10:20	2.7	253	20	3.7	0.0
19/11/2023 10:30	3.2	256	16	4.3	0.0
19/11/2023 10:40	3.5	243	18	4.8	0.0
19/11/2023 10:50	3.5	247	16	4.8	0.0
19/11/2023 11:00	3.8	251	17	5.1	0.0
19/11/2023 11:10	3.9	249	13	5.1	0.0
19/11/2023 11:20	3.4	250	15	4.5	0.0
19/11/2023 11:30	3.4	249	16	4.4	0.0
19/11/2023 11:40	3.8	249	16	5.0	0.0
19/11/2023 11:50	3.8	252	18	5.1	0.0
19/11/2023 12:00	4.0	246	15	5.6	0.0
19/11/2023 12:10	4.3	247	12	5.8	0.0
19/11/2023 12:20	4.4	248	17	6.1	0.0
19/11/2023 12:30	4.6	250	14	6.1	0.0
19/11/2023 12:40	4.5	246	14	6.0	0.0
19/11/2023 12:50	4.7	250	13	6.0	0.0
19/11/2023 13:00	4.7	248	16	6.2	0.0
19/11/2023 13:10	4.9	249	13	6.4	0.0
19/11/2023 13:20	4.7	247	15	6.5	0.0
19/11/2023 13:30	4.6	251	14	6.0	0.0
19/11/2023 13:40	4.6	245	14	6.3	0.0
19/11/2023 13:50	4.5	251	16	6.0	0.0
19/11/2023 14:00	4.2	247	17	6.3	0.0
19/11/2023 14:10	2.9	268	30	4.8	0.0
19/11/2023 14:20	3.2	276	31	5.4	0.0
19/11/2023 14:30	3.4	259	24	5.2	0.0
19/11/2023 14:40	2.8	306	37	4.9	0.0
19/11/2023 14:50	3.3	325	28	5.6	0.0
19/11/2023 15:00	3.7	323	29	6.2	0.0
19/11/2023 15:10	3.5	322	26	6.0	0.0
19/11/2023 15:20	3.3	332	30	6.1	0.0
19/11/2023 15:30	3.9	317	30	6.0	0.0
19/11/2023 15:40	3.8	315	36	5.9	0.0
19/11/2023 15:50	3.7	314	31	5.6	0.0
19/11/2023 16:00	3.4	320	31	5.6	0.0
19/11/2023 16:10	3.2	314	37	5.5	0.0
19/11/2023 16:20	3.4	302	38	6.0	0.0
19/11/2023 16:30	3.4	299	33	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 16:40	3.0	288	35	4.9	0.0
19/11/2023 16:50	2.8	295	34	4.4	0.0
19/11/2023 17:00	3.1	305	39	6.0	0.0
19/11/2023 17:10	3.1	269	30	4.8	0.0
19/11/2023 17:20	2.9	285	31	4.9	0.0
19/11/2023 17:30	2.6	278	38	5.0	0.0
19/11/2023 17:40	3.2	263	27	5.3	0.0
19/11/2023 17:50	2.7	284	38	4.9	0.0
19/11/2023 18:00	2.5	269	37	4.4	0.0
19/11/2023 18:10	2.7	267	31	4.2	0.0
19/11/2023 18:20	2.6	264	25	4.5	0.0
19/11/2023 18:30	3.2	258	23	4.8	0.0
19/11/2023 18:40	2.9	257	21	4.8	0.0
19/11/2023 18:50	2.8	265	23	4.4	0.0
19/11/2023 19:00	3.3	257	21	4.8	0.0
19/11/2023 19:10	3.5	261	19	5.2	0.0
19/11/2023 19:20	3.1	262	18	5.1	0.0
19/11/2023 19:30	4.4	255	14	6.8	0.0
19/11/2023 19:40	4.9	252	17	7.4	0.0
19/11/2023 19:50	4.6	256	16	7.0	0.0
19/11/2023 20:00	4.6	257	19	7.5	0.0
19/11/2023 20:10	3.9	259	18	6.0	0.0
19/11/2023 20:20	4.1	258	15	5.9	0.0
19/11/2023 20:30	4.0	258	16	5.8	0.0
19/11/2023 20:40	4.0	256	16	6.4	0.0
19/11/2023 20:50	4.1	256	18	6.5	0.0
19/11/2023 21:00	4.8	256	15	7.5	0.0
19/11/2023 21:10	4.8	257	19	7.7	0.0
19/11/2023 21:20	4.8	258	15	6.6	0.0
19/11/2023 21:30	4.9	254	18	7.2	0.0
19/11/2023 21:40	5.4	250	15	7.3	0.0
19/11/2023 21:50	5.4	254	18	7.9	0.0
19/11/2023 22:00	5.7	255	14	8.5	0.0
19/11/2023 22:10	5.9	254	17	7.9	0.0
19/11/2023 22:20	5.4	258	16	7.5	0.0
19/11/2023 22:30	6.0	255	16	8.7	0.0
19/11/2023 22:40	5.9	257	15	7.6	0.0
19/11/2023 22:50	6.1	254	14	8.5	0.0
19/11/2023 23:00	5.4	254	15	7.8	0.0
19/11/2023 23:10	5.6	256	13	7.6	0.0
19/11/2023 23:20	5.7	255	12	7.4	0.0
19/11/2023 23:30	5.0	253	15	7.1	0.0
19/11/2023 23:40	5.5	248	17	7.9	0.0
19/11/2023 23:50	4.6	244	18	7.5	0.0
20/11/2023 00:00	5.3	244	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 00:10	5.2	246	13	7.1	0.0
20/11/2023 00:20	5.0	237	14	7.3	0.0
20/11/2023 00:30	4.1	241	18	6.2	0.0
20/11/2023 00:40	4.3	243	17	7.2	0.0
20/11/2023 00:50	4.4	238	16	6.6	0.0
20/11/2023 01:00	4.6	236	17	6.5	0.0
20/11/2023 01:10	4.7	242	18	6.8	0.0
20/11/2023 01:20	4.5	247	18	6.4	0.0
20/11/2023 01:30	4.4	246	18	6.7	0.0
20/11/2023 01:40	4.6	239	17	6.9	0.0
20/11/2023 01:50	4.8	247	18	6.9	0.0
20/11/2023 02:00	4.4	246	18	6.8	0.0
20/11/2023 02:10	4.1	246	17	6.6	0.0
20/11/2023 02:20	4.6	241	16	6.4	0.0
20/11/2023 02:30	4.4	240	19	6.9	0.0
20/11/2023 02:40	4.6	241	17	6.8	0.0
20/11/2023 02:50	3.8	246	16	5.7	0.0
20/11/2023 03:00	4.3	257	17	6.0	0.0
20/11/2023 03:10	4.1	257	16	5.9	0.0
20/11/2023 03:20	3.9	252	17	5.6	0.0
20/11/2023 03:30	3.9	248	15	6.0	0.0
20/11/2023 03:40	3.9	242	18	5.9	0.0
20/11/2023 03:50	3.9	239	20	6.3	0.0
20/11/2023 04:00	4.4	234	15	6.6	0.0
20/11/2023 04:10	3.9	241	15	5.9	0.0
20/11/2023 04:20	4.1	238	15	5.6	0.0
20/11/2023 04:30	4.0	239	18	5.9	0.0
20/11/2023 04:40	4.2	239	16	6.0	0.0
20/11/2023 04:50	4.5	243	16	6.2	0.0
20/11/2023 05:00	3.8	243	17	5.8	0.0
20/11/2023 05:10	4.0	240	15	5.9	0.0
20/11/2023 05:20	3.3	243	14	4.7	0.0
20/11/2023 05:30	2.9	247	19	4.4	0.0
20/11/2023 05:40	3.1	260	18	4.7	0.0
20/11/2023 05:50	3.2	273	16	4.4	0.0
20/11/2023 06:00	2.6	282	18	4.0	0.0
20/11/2023 06:10	2.8	271	19	4.1	0.0
20/11/2023 06:20	2.5	278	22	3.7	0.0
20/11/2023 06:30	2.6	271	17	4.2	0.0
20/11/2023 06:40	2.8	271	17	4.1	0.0
20/11/2023 06:50	2.7	260	19	4.2	0.0
20/11/2023 07:00	2.6	250	20	4.2	0.0
20/11/2023 07:10	2.9	238	18	4.2	0.0
20/11/2023 07:20	3.4	243	18	4.8	0.0
20/11/2023 07:30	3.4	245	16	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 07:40	3.3	253	18	4.6	0.0
20/11/2023 07:50	3.3	242	19	4.6	0.0
20/11/2023 08:00	2.8	248	23	4.1	0.0
20/11/2023 08:10	3.3	253	21	4.9	0.0
20/11/2023 08:20	3.3	263	18	5.3	0.0
20/11/2023 08:30	3.1	262	23	4.9	0.0
20/11/2023 08:40	3.3	262	18	4.4	0.0
20/11/2023 08:50	3.1	251	19	4.4	0.0
20/11/2023 09:00	3.2	248	20	5.3	0.0
20/11/2023 09:10	3.6	236	24	6.4	0.0
20/11/2023 09:20	4.4	221	20	6.5	0.0
20/11/2023 09:30	3.4	239	29	5.2	0.0
20/11/2023 09:40	4.8	221	19	7.0	0.0
20/11/2023 09:50	4.6	217	23	7.4	0.0
20/11/2023 10:00	5.4	213	19	7.4	0.0
20/11/2023 10:10	5.6	211	19	7.9	0.0
20/11/2023 10:20	4.6	215	24	7.1	0.0
20/11/2023 10:30	4.0	251	17	6.0	0.0
20/11/2023 10:40	3.9	262	19	5.8	0.0
20/11/2023 10:50	4.0	264	16	5.6	0.0
20/11/2023 11:00	3.7	258	18	5.5	0.0
20/11/2023 11:10	3.6	259	21	5.2	0.0
20/11/2023 11:20	3.3	269	22	4.6	0.0
20/11/2023 11:30	3.1	264	22	4.7	0.0
20/11/2023 11:40	3.1	250	19	4.1	0.0
20/11/2023 11:50	2.7	279	35	3.9	0.0
20/11/2023 12:00	2.3	307	35	4.0	0.0
20/11/2023 12:10	3.1	317	33	4.9	0.0
20/11/2023 12:20	2.8	327	31	4.7	0.0
20/11/2023 12:30	3.5	338	34	5.4	0.0
20/11/2023 12:40	3.3	14	26	5.2	0.0
20/11/2023 12:50	3.1	11	29	5.0	0.0
20/11/2023 13:00	3.2	19	26	5.2	0.0
20/11/2023 13:10	3.8	173	32	6.0	0.0
20/11/2023 13:20	3.5	185	33	6.7	0.0
20/11/2023 13:30	4.4	9	25	6.7	0.0
20/11/2023 13:40	3.1	350	28	5.4	0.0
20/11/2023 13:50	3.3	343	25	5.2	0.0
20/11/2023 14:00	3.6	338	26	5.7	0.0
20/11/2023 14:10	3.6	178	30	5.9	0.0
20/11/2023 14:20	3.9	337	26	6.0	0.0
20/11/2023 14:30	3.5	341	33	5.9	0.0
20/11/2023 14:40	3.6	348	22	5.7	0.0
20/11/2023 14:50	3.6	345	27	6.1	0.0
20/11/2023 15:00	3.9	347	26	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 15:10	3.5	332	29	5.2	0.0
20/11/2023 15:20	3.3	340	34	5.6	0.0
20/11/2023 15:30	3.4	335	32	5.6	0.0
20/11/2023 15:40	3.3	330	27	5.5	0.0
20/11/2023 15:50	3.3	325	31	5.5	0.0
20/11/2023 16:00	3.2	322	31	5.1	0.0
20/11/2023 16:10	3.3	319	32	5.2	0.0
20/11/2023 16:20	3.1	320	34	5.2	0.0
20/11/2023 16:30	2.5	324	28	4.4	0.0
20/11/2023 16:40	2.8	325	29	4.7	0.0
20/11/2023 16:50	2.6	331	31	4.8	0.0
20/11/2023 17:00	3.0	314	34	5.0	0.0
20/11/2023 17:10	3.1	325	26	5.6	0.0
20/11/2023 17:20	2.7	310	37	4.4	0.0
20/11/2023 17:30	2.8	258	21	4.6	0.0
20/11/2023 17:40	2.5	256	18	3.8	0.0
20/11/2023 17:50	2.7	254	18	4.2	0.0
20/11/2023 18:00	2.5	261	26	4.3	0.0
20/11/2023 18:10	2.7	262	25	4.5	0.0
20/11/2023 18:20	2.4	266	27	3.7	0.0
20/11/2023 18:30	2.8	248	18	4.5	0.0
20/11/2023 18:40	4.1	248	16	6.4	0.0
20/11/2023 18:50	4.8	239	19	6.8	0.0
20/11/2023 19:00	4.6	254	16	6.3	0.0
20/11/2023 19:10	4.5	260	16	6.5	0.0
20/11/2023 19:20	4.8	258	17	7.0	0.0
20/11/2023 19:30	5.0	251	13	6.4	0.0
20/11/2023 19:40	4.4	251	15	6.4	0.0
20/11/2023 19:50	4.5	251	17	6.2	0.0
20/11/2023 20:00	4.0	251	16	6.0	0.0
20/11/2023 20:10	3.8	252	17	5.5	0.0
20/11/2023 20:20	3.9	253	17	5.4	0.0
20/11/2023 20:30	4.6	249	14	6.6	0.0
20/11/2023 20:40	3.8	243	17	6.0	0.0
20/11/2023 20:50	4.1	250	18	6.0	0.0
20/11/2023 21:00	4.3	247	18	6.6	0.0
20/11/2023 21:10	4.3	246	16	6.2	0.0
20/11/2023 21:20	3.9	246	18	5.6	0.0
20/11/2023 21:30	3.9	249	14	6.0	0.0
20/11/2023 21:40	3.9	235	18	5.3	0.0
20/11/2023 21:50	4.1	243	18	6.1	0.0
20/11/2023 22:00	4.4	245	16	6.1	0.0
20/11/2023 22:10	4.6	256	17	6.8	0.0
20/11/2023 22:20	4.7	244	18	7.2	0.0
20/11/2023 22:30	4.3	240	20	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 22:40	3.4	246	17	4.8	0.0
20/11/2023 22:50	3.1	248	16	4.3	0.0
20/11/2023 23:00	2.7	241	15	3.9	0.0
20/11/2023 23:10	3.4	232	15	5.3	0.0
20/11/2023 23:20	3.8	243	18	5.6	0.0
20/11/2023 23:30	3.9	245	18	6.6	0.0
20/11/2023 23:40	4.1	243	15	5.4	0.0
20/11/2023 23:50	3.5	242	17	5.2	0.0
21/11/2023 00:00	3.5	259	17	4.8	0.0
21/11/2023 00:10	3.4	258	14	4.7	0.0
21/11/2023 00:20	3.3	249	15	4.8	0.0
21/11/2023 00:30	3.0	250	17	4.4	0.0
21/11/2023 00:40	3.6	247	17	5.4	0.0
21/11/2023 00:50	3.6	240	18	5.4	0.0
21/11/2023 01:00	3.7	257	18	5.6	0.0
21/11/2023 01:10	4.2	258	14	6.6	0.0
21/11/2023 01:20	3.8	257	16	5.3	0.0
21/11/2023 01:30	3.3	249	19	5.2	0.0
21/11/2023 01:40	3.2	244	21	5.2	0.0
21/11/2023 01:50	3.0	240	16	4.3	0.0
21/11/2023 02:00	2.4	223	19	3.6	0.0
21/11/2023 02:10	2.1	236	16	2.8	0.0
21/11/2023 02:20	2.2	241	17	3.2	0.0
21/11/2023 02:30	2.5	240	18	3.8	0.0
21/11/2023 02:40	2.9	256	14	4.3	0.0
21/11/2023 02:50	2.5	256	16	3.6	0.0
21/11/2023 03:00	2.5	255	14	3.6	0.0
21/11/2023 03:10	2.5	256	14	3.6	0.0
21/11/2023 03:20	2.6	265	17	4.0	0.0
21/11/2023 03:30	2.4	265	21	3.7	0.0
21/11/2023 03:40	2.3	272	19	3.2	0.0
21/11/2023 03:50	2.2	272	24	3.7	0.0
21/11/2023 04:00	2.9	262	20	3.9	0.0
21/11/2023 04:10	3.2	259	12	4.4	0.0
21/11/2023 04:20	3.4	266	13	4.4	0.0
21/11/2023 04:30	3.6	264	14	4.8	0.0
21/11/2023 04:40	3.0	263	17	4.4	0.0
21/11/2023 04:50	2.6	276	18	4.0	0.0
21/11/2023 05:00	2.7	282	18	4.0	0.0
21/11/2023 05:10	3.1	271	17	4.4	0.0
21/11/2023 05:20	3.3	265	16	4.8	0.0
21/11/2023 05:30	2.6	258	16	3.8	0.0
21/11/2023 05:40	3.0	264	15	4.2	0.0
21/11/2023 05:50	2.6	264	16	3.7	0.0
21/11/2023 06:00	2.9	264	15	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 06:10	3.1	265	13	4.0	0.0
21/11/2023 06:20	3.2	265	14	4.2	0.0
21/11/2023 06:30	3.1	261	17	4.5	0.0
21/11/2023 06:40	2.7	260	16	3.7	0.0
21/11/2023 06:50	2.7	251	15	3.9	0.0
21/11/2023 07:00	3.0	253	14	4.2	0.0
21/11/2023 07:10	3.3	251	13	4.2	0.0
21/11/2023 07:20	3.3	254	15	4.6	0.0
21/11/2023 07:30	3.4	257	16	4.6	0.0
21/11/2023 07:40	2.8	258	17	4.3	0.0
21/11/2023 07:50	2.7	256	17	3.7	0.0
21/11/2023 08:00	2.7	265	18	4.0	0.0
21/11/2023 08:10	3.2	261	16	4.0	0.0
21/11/2023 08:20	2.6	258	18	3.8	0.0
21/11/2023 08:30	2.9	259	17	4.4	0.0
21/11/2023 08:40	3.3	264	14	4.2	0.0
21/11/2023 08:50	3.1	255	17	4.2	0.0
21/11/2023 09:00	2.8	258	15	3.7	0.0
21/11/2023 09:10	2.6	262	23	3.6	0.0
21/11/2023 09:20	2.6	257	19	3.9	0.0
21/11/2023 09:30	3.2	256	14	4.5	0.0
21/11/2023 09:40	3.3	259	16	4.4	0.0
21/11/2023 09:50	3.0	257	17	4.3	0.0
21/11/2023 10:00	3.2	257	20	4.5	0.0
21/11/2023 10:10	3.1	258	16	4.6	0.0
21/11/2023 10:20	2.8	261	20	4.0	0.0
21/11/2023 10:30	2.3	260	27	3.4	0.0
21/11/2023 10:40	2.3	261	39	3.6	0.0
21/11/2023 10:50	2.6	279	32	4.0	0.0
21/11/2023 11:00	2.2	303	43	3.7	0.0
21/11/2023 11:10	2.7	306	24	4.0	0.0
21/11/2023 11:20	2.7	276	36	4.1	0.0
21/11/2023 11:30	2.2	288	39	3.8	0.0
21/11/2023 11:40	2.9	18	34	5.1	0.0
21/11/2023 11:50	2.9	20	33	4.8	0.0
21/11/2023 12:00	2.4	177	33	4.0	0.0
21/11/2023 12:10	2.4	346	33	3.7	0.0
21/11/2023 12:20	3.0	7	26	4.8	0.0
21/11/2023 12:30	3.1	357	28	4.7	0.0
21/11/2023 12:40	2.9	343	29	4.6	0.0
21/11/2023 12:50	3.3	318	22	4.7	0.0
21/11/2023 13:00	3.5	319	19	4.9	0.0
21/11/2023 13:10	3.4	333	29	5.2	0.0
21/11/2023 13:20	3.2	339	26	5.3	0.0
21/11/2023 13:30	3.6	325	21	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 13:40	3.6	326	22	5.4	0.0
21/11/2023 13:50	2.7	320	35	4.0	0.0
21/11/2023 14:00	2.9	326	25	4.6	0.0
21/11/2023 14:10	2.9	327	23	4.4	0.0
21/11/2023 14:20	2.5	310	39	3.9	0.0
21/11/2023 14:30	2.3	307	38	3.9	0.0
21/11/2023 14:40	2.4	302	32	3.8	0.0
21/11/2023 14:50	2.5	292	38	3.8	0.0
21/11/2023 15:00	2.9	325	20	4.2	0.0
21/11/2023 15:10	2.9	321	30	4.8	0.0
21/11/2023 15:20	3.1	320	29	5.1	0.0
21/11/2023 15:30	3.0	295	37	4.8	0.0
21/11/2023 15:40	2.9	316	35	4.9	0.0
21/11/2023 15:50	2.9	326	30	4.8	0.0
21/11/2023 16:00	3.2	334	23	4.8	0.0
21/11/2023 16:10	3.5	324	20	5.5	0.0
21/11/2023 16:20	3.2	321	30	5.2	0.0
21/11/2023 16:30	3.4	304	31	5.2	0.0
21/11/2023 16:40	3.6	314	27	6.0	0.0
21/11/2023 16:50	2.6	309	41	5.1	0.0
21/11/2023 17:00	2.8	310	33	5.1	0.0
21/11/2023 17:10	2.9	308	33	5.3	0.0
21/11/2023 17:20	2.6	301	44	4.5	0.0
21/11/2023 17:30	2.8	322	24	4.4	0.0
21/11/2023 17:40	2.1	285	40	3.6	0.0
21/11/2023 17:50	3.2	258	17	5.8	0.0
21/11/2023 18:00	2.2	265	31	3.9	0.0
21/11/2023 18:10	2.2	292	38	3.7	0.0
21/11/2023 18:20	2.9	259	20	4.0	0.0
21/11/2023 18:30	2.9	253	20	4.1	0.0
21/11/2023 18:40	3.0	250	19	4.3	0.0
21/11/2023 18:50	3.8	248	14	5.5	0.0
21/11/2023 19:00	4.0	249	17	5.9	0.0
21/11/2023 19:10	3.4	252	16	4.6	0.0
21/11/2023 19:20	3.4	251	14	5.2	0.0
21/11/2023 19:30	3.3	249	15	4.7	0.0
21/11/2023 19:40	2.8	255	14	3.9	0.0
21/11/2023 19:50	2.6	256	16	3.6	0.0
21/11/2023 20:00	2.4	254	19	3.8	0.0
21/11/2023 20:10	2.4	253	16	3.2	0.0
21/11/2023 20:20	2.3	155	44	4.0	0.0
21/11/2023 20:30	2.1	190	36	3.7	0.0
21/11/2023 20:40	2.0	141	30	3.6	0.0
21/11/2023 20:50	1.3	138	31	2.5	0.0
21/11/2023 21:00	0.7	149	25	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 21:10	0.2	107	18	0.8	0.0
21/11/2023 21:20	0.1	131	5	0.6	0.0
21/11/2023 21:30	0.4	26	10	0.8	0.0
21/11/2023 21:40	0.3	145	13	0.8	0.0
21/11/2023 21:50	0.9	242	19	1.6	0.0
21/11/2023 22:00	1.9	262	15	3.0	0.0
21/11/2023 22:10	2.0	276	15	2.8	0.0
21/11/2023 22:20	2.2	282	16	3.5	0.0
21/11/2023 22:30	2.5	269	15	3.3	0.0
21/11/2023 22:40	2.8	265	16	4.0	0.0
21/11/2023 22:50	2.2	260	18	3.3	0.0
21/11/2023 23:00	1.9	255	21	2.8	0.0
21/11/2023 23:10	2.3	253	17	3.3	0.0
21/11/2023 23:20	2.0	272	34	3.4	0.0
21/11/2023 23:30	3.3	251	13	4.6	0.0
21/11/2023 23:40	2.9	256	17	4.4	0.0
21/11/2023 23:50	2.6	255	15	3.9	0.0
22/11/2023 00:00	3.4	260	16	5.0	0.0
22/11/2023 00:10	4.0	254	15	5.2	0.0
22/11/2023 00:20	3.8	251	14	5.7	0.0
22/11/2023 00:30	3.2	251	16	4.6	0.0
22/11/2023 00:40	2.7	248	18	4.2	0.0
22/11/2023 00:50	2.5	258	15	3.8	0.0
22/11/2023 01:00	2.5	261	15	3.5	0.0
22/11/2023 01:10	2.6	263	15	3.9	0.0
22/11/2023 01:20	3.2	264	14	4.4	0.0
22/11/2023 01:30	2.9	262	15	4.0	0.0
22/11/2023 01:40	3.3	256	13	4.7	0.0
22/11/2023 01:50	3.3	255	16	4.5	0.0
22/11/2023 02:00	3.4	256	14	5.2	0.0
22/11/2023 02:10	3.2	252	18	4.8	0.0
22/11/2023 02:20	3.8	252	14	5.0	0.0
22/11/2023 02:30	3.7	258	16	5.6	0.0
22/11/2023 02:40	3.7	252	18	6.0	0.0
22/11/2023 02:50	3.6	250	17	5.3	0.0
22/11/2023 03:00	3.4	252	18	5.2	0.0
22/11/2023 03:10	2.7	245	22	4.0	0.0
22/11/2023 03:20	3.2	251	16	4.6	0.0
22/11/2023 03:30	3.5	252	17	5.2	0.0
22/11/2023 03:40	3.2	248	19	5.2	0.0
22/11/2023 03:50	3.0	254	17	4.1	0.0
22/11/2023 04:00	3.1	256	15	4.4	0.0
22/11/2023 04:10	2.8	250	17	4.1	0.0
22/11/2023 04:20	2.7	246	18	3.9	0.0
22/11/2023 04:30	2.6	250	17	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 04:40	2.5	249	18	4.0	0.0
22/11/2023 04:50	2.4	246	20	3.8	0.0
22/11/2023 05:00	2.3	247	19	3.5	0.0
22/11/2023 05:10	2.3	237	20	3.8	0.0
22/11/2023 05:20	2.3	250	20	3.7	0.0
22/11/2023 05:30	2.5	262	15	3.9	0.0
22/11/2023 05:40	2.6	263	17	3.5	0.0
22/11/2023 05:50	2.4	266	15	3.4	0.0
22/11/2023 06:00	2.3	266	13	3.0	0.0
22/11/2023 06:10	2.1	270	15	2.8	0.0
22/11/2023 06:20	2.1	272	17	3.0	0.0
22/11/2023 06:30	1.8	277	18	2.8	0.0
22/11/2023 06:40	1.7	271	18	2.4	0.0
22/11/2023 06:50	1.3	269	22	2.2	0.0
22/11/2023 07:00	1.7	252	22	2.8	0.0
22/11/2023 07:10	2.0	253	18	3.0	0.0
22/11/2023 07:20	1.9	252	22	2.8	0.0
22/11/2023 07:30	1.6	252	25	2.5	0.0
22/11/2023 07:40	1.9	251	24	2.8	0.0
22/11/2023 07:50	1.9	203	21	2.8	0.0
22/11/2023 08:00	1.9	192	20	2.8	0.0
22/11/2023 08:10	2.3	207	16	3.2	0.0
22/11/2023 08:20	2.0	175	26	3.2	0.0
22/11/2023 08:30	2.8	186	23	4.3	0.0
22/11/2023 08:40	3.2	194	16	4.6	0.0
22/11/2023 08:50	3.1	199	16	4.0	0.0
22/11/2023 09:00	3.2	201	17	4.3	0.0
22/11/2023 09:10	3.3	201	15	4.6	0.0
22/11/2023 09:20	2.8	191	20	4.4	0.0
22/11/2023 09:30	2.2	179	26	4.1	0.0
22/11/2023 09:40	2.3	183	23	3.9	0.0
22/11/2023 09:50	2.2	136	36	3.3	0.0
22/11/2023 10:00	1.8	127	36	3.0	0.0
22/11/2023 10:10	1.8	130	29	2.7	0.0
22/11/2023 10:20	1.9	95	30	3.6	0.0
22/11/2023 10:30	2.2	86	30	3.8	0.0
22/11/2023 10:40	2.1	92	34	3.7	0.0
22/11/2023 10:50	2.6	54	24	4.1	0.0
22/11/2023 11:00	2.5	62	21	3.9	0.0
22/11/2023 11:10	3.0	68	23	4.6	0.0
22/11/2023 11:20	3.2	67	21	5.0	0.0
22/11/2023 11:30	2.8	60	22	4.3	0.0
22/11/2023 11:40	2.4	59	29	4.1	0.0
22/11/2023 11:50	2.6	51	22	4.1	0.0
22/11/2023 12:00	3.0	49	26	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 12:10	3.0	62	21	4.4	0.0
22/11/2023 12:20	2.9	59	29	4.3	0.0
22/11/2023 12:30	3.1	49	25	5.2	0.0
22/11/2023 12:40	3.5	57	23	5.2	0.0
22/11/2023 12:50	3.3	58	26	6.2	0.0
22/11/2023 13:00	3.4	64	18	5.5	0.0
22/11/2023 13:10	4.0	50	24	6.7	0.0
22/11/2023 13:20	3.8	44	25	6.5	0.0
22/11/2023 13:30	4.2	46	23	6.9	0.0
22/11/2023 13:40	4.0	45	23	6.3	0.0
22/11/2023 13:50	3.6	55	21	5.5	0.0
22/11/2023 14:00	3.6	62	20	5.6	0.0
22/11/2023 14:10	3.8	58	21	5.6	0.0
22/11/2023 14:20	3.2	55	22	5.3	0.0
22/11/2023 14:30	3.2	51	28	5.8	0.0
22/11/2023 14:40	2.6	24	32	4.9	0.0
22/11/2023 14:50	2.8	7	35	4.7	0.0
22/11/2023 15:00	2.8	18	30	4.8	0.0
22/11/2023 15:10	3.0	178	28	4.8	0.0
22/11/2023 15:20	3.2	13	28	5.6	0.0
22/11/2023 15:30	2.9	7	28	4.7	0.0
22/11/2023 15:40	2.6	17	30	4.1	0.0
22/11/2023 15:50	2.6	6	30	4.1	0.0
22/11/2023 16:00	2.6	4	31	4.0	0.0
22/11/2023 16:10	2.5	17	34	4.0	0.0
22/11/2023 16:20	2.5	17	32	4.2	0.0
22/11/2023 16:30	2.6	184	32	3.8	0.0
22/11/2023 16:40	2.5	333	27	4.6	0.0
22/11/2023 16:50	3.0	321	28	5.0	0.0
22/11/2023 17:00	2.4	332	23	3.9	0.0
22/11/2023 17:10	2.4	313	37	4.0	0.0
22/11/2023 17:20	2.1	308	40	4.1	0.0
22/11/2023 17:30	1.9	301	49	3.3	0.0
22/11/2023 17:40	2.2	280	41	3.6	0.0
22/11/2023 17:50	2.9	259	20	4.9	0.0
22/11/2023 18:00	3.1	262	21	4.5	0.0
22/11/2023 18:10	2.5	258	25	4.0	0.0
22/11/2023 18:20	2.9	247	15	4.4	0.0
22/11/2023 18:30	3.6	243	14	4.9	0.0
22/11/2023 18:40	3.6	251	17	5.0	0.0
22/11/2023 18:50	4.0	251	15	5.5	0.0
22/11/2023 19:00	3.8	252	15	5.3	0.0
22/11/2023 19:10	3.6	250	16	5.1	0.0
22/11/2023 19:20	3.9	255	15	5.5	0.0
22/11/2023 19:30	3.1	257	16	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 19:40	2.6	256	14	3.6	0.0
22/11/2023 19:50	3.5	255	17	5.6	0.0
22/11/2023 20:00	4.2	250	14	5.8	0.0
22/11/2023 20:10	4.2	252	14	5.6	0.0
22/11/2023 20:20	3.8	251	15	5.5	0.0
22/11/2023 20:30	4.3	252	13	5.6	0.0
22/11/2023 20:40	4.5	249	15	5.7	0.0
22/11/2023 20:50	4.5	251	15	6.3	0.0
22/11/2023 21:00	4.1	251	14	6.0	0.0
22/11/2023 21:10	4.4	253	14	6.0	0.0
22/11/2023 21:20	4.4	255	14	6.2	0.0
22/11/2023 21:30	4.0	253	15	6.0	0.0
22/11/2023 21:40	3.8	255	16	5.2	0.0
22/11/2023 21:50	4.1	258	14	5.4	0.0
22/11/2023 22:00	3.8	255	14	5.2	0.0
22/11/2023 22:10	4.1	255	13	5.6	0.0
22/11/2023 22:20	3.7	256	13	4.8	0.0
22/11/2023 22:30	3.7	257	14	5.1	0.0
22/11/2023 22:40	3.6	258	15	4.9	0.0
22/11/2023 22:50	3.7	254	12	5.1	0.0
22/11/2023 23:00	3.1	243	18	4.6	0.0
22/11/2023 23:10	3.2	251	15	5.0	0.0
22/11/2023 23:20	3.2	253	17	4.8	0.0
22/11/2023 23:30	3.7	259	13	5.2	0.0
22/11/2023 23:40	3.4	261	13	4.5	0.0
22/11/2023 23:50	3.6	260	11	4.7	0.0
23/11/2023 00:00	3.5	256	13	4.6	0.0
23/11/2023 00:10	3.4	258	15	4.8	0.0
23/11/2023 00:20	3.5	260	13	5.0	0.0
23/11/2023 00:30	3.4	255	14	4.6	0.0
23/11/2023 00:40	3.1	258	15	4.4	0.0
23/11/2023 00:50	3.2	255	13	4.5	0.0
23/11/2023 01:00	3.0	253	13	4.0	0.0
23/11/2023 01:10	2.4	245	17	3.6	0.0
23/11/2023 01:20	2.3	247	18	3.3	0.0
23/11/2023 01:30	2.2	255	15	3.3	0.0
23/11/2023 01:40	2.5	257	16	3.5	0.0
23/11/2023 01:50	2.9	254	17	4.4	0.0
23/11/2023 02:00	2.7	247	15	4.0	0.0
23/11/2023 02:10	3.1	257	16	4.3	0.0
23/11/2023 02:20	2.7	254	17	4.2	0.0
23/11/2023 02:30	2.6	252	19	4.1	0.0
23/11/2023 02:40	2.5	249	16	3.6	0.0
23/11/2023 02:50	2.9	252	18	4.3	0.0
23/11/2023 03:00	2.6	249	17	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 03:10	2.8	255	15	3.9	0.0
23/11/2023 03:20	2.7	255	14	3.9	0.0
23/11/2023 03:30	2.7	257	18	4.1	0.0
23/11/2023 03:40	2.9	261	16	4.4	0.0
23/11/2023 03:50	3.1	262	14	4.8	0.0
23/11/2023 04:00	3.1	262	15	4.4	0.0
23/11/2023 04:10	2.9	256	13	4.1	0.0
23/11/2023 04:20	2.6	252	14	3.7	0.0
23/11/2023 04:30	2.3	249	14	3.6	0.0
23/11/2023 04:40	2.0	251	21	3.2	0.0
23/11/2023 04:50	1.9	245	19	2.8	0.0
23/11/2023 05:00	2.0	261	15	3.0	0.0
23/11/2023 05:10	2.3	265	16	2.9	0.0
23/11/2023 05:20	2.1	273	17	2.8	0.0
23/11/2023 05:30	2.1	277	19	3.4	0.0
23/11/2023 05:40	2.3	264	17	3.4	0.0
23/11/2023 05:50	2.1	263	16	3.2	0.0
23/11/2023 06:00	2.3	249	17	3.2	0.0
23/11/2023 06:10	2.7	250	11	3.8	0.0
23/11/2023 06:20	2.4	258	18	3.6	0.0
23/11/2023 06:30	2.3	268	15	3.3	0.0
23/11/2023 06:40	2.6	262	13	3.5	0.0
23/11/2023 06:50	2.2	252	21	3.1	0.0
23/11/2023 07:00	2.5	249	19	3.6	0.0
23/11/2023 07:10	2.4	250	18	3.3	0.0
23/11/2023 07:20	2.8	235	20	4.1	0.0
23/11/2023 07:30	2.7	229	18	4.1	0.0
23/11/2023 07:40	2.8	218	21	3.8	0.0
23/11/2023 07:50	2.1	188	32	3.5	0.0
23/11/2023 08:00	2.3	181	30	3.6	0.0
23/11/2023 08:10	2.3	168	31	4.1	0.0
23/11/2023 08:20	2.4	158	28	4.0	0.0
23/11/2023 08:30	2.4	144	28	3.8	0.0
23/11/2023 08:40	1.8	136	35	2.9	0.0
23/11/2023 08:50	2.1	121	27	3.8	0.0
23/11/2023 09:00	2.2	123	27	3.6	0.0
23/11/2023 09:10	2.5	105	30	4.3	0.0
23/11/2023 09:20	2.8	85	24	4.9	0.0
23/11/2023 09:30	2.8	81	27	4.9	0.0
23/11/2023 09:40	3.1	77	25	5.1	0.0
23/11/2023 09:50	3.5	73	21	5.5	0.0
23/11/2023 10:00	3.3	69	22	5.4	0.0
23/11/2023 10:10	3.7	81	24	5.7	0.0
23/11/2023 10:20	3.2	81	26	5.1	0.0
23/11/2023 10:30	3.4	73	21	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 10:40	3.4	72	23	5.7	0.0
23/11/2023 10:50	3.5	72	19	5.5	0.0
23/11/2023 11:00	3.3	59	20	4.8	0.0
23/11/2023 11:10	3.2	70	24	4.9	0.0
23/11/2023 11:20	3.1	68	25	4.4	0.0
23/11/2023 11:30	2.9	66	22	4.9	0.0
23/11/2023 11:40	3.2	62	24	5.4	0.0
23/11/2023 11:50	3.2	54	23	5.2	0.0
23/11/2023 12:00	3.0	56	23	4.8	0.0
23/11/2023 12:10	3.2	70	21	5.0	0.0
23/11/2023 12:20	3.5	66	22	5.5	0.0
23/11/2023 12:30	3.7	64	22	5.7	0.0
23/11/2023 12:40	3.3	68	22	4.9	0.0
23/11/2023 12:50	3.6	61	22	5.6	0.0
23/11/2023 13:00	3.6	55	22	5.6	0.0
23/11/2023 13:10	4.0	51	22	7.2	0.0
23/11/2023 13:20	4.0	52	22	6.6	0.0
23/11/2023 13:30	4.0	54	23	6.0	0.0
23/11/2023 13:40	3.6	58	21	5.9	0.0
23/11/2023 13:50	3.5	52	23	5.8	0.0
23/11/2023 14:00	3.0	19	29	4.6	0.0
23/11/2023 14:10	3.3	187	25	5.4	0.0
23/11/2023 14:20	2.9	19	31	4.6	0.0
23/11/2023 14:30	3.2	182	30	4.9	0.0
23/11/2023 14:40	3.0	8	33	5.2	0.0
23/11/2023 14:50	3.1	11	26	5.0	0.0
23/11/2023 15:00	3.3	16	24	5.0	0.0
23/11/2023 15:10	3.2	13	30	5.0	0.0
23/11/2023 15:20	3.1	11	29	5.0	0.0
23/11/2023 15:30	3.3	13	29	5.6	0.0
23/11/2023 15:40	3.3	5	29	5.2	0.0
23/11/2023 15:50	3.0	9	29	5.3	0.0
23/11/2023 16:00	3.6	6	28	5.9	0.0
23/11/2023 16:10	3.5	12	31	5.6	0.0
23/11/2023 16:20	3.3	353	33	5.2	0.0
23/11/2023 16:30	3.2	176	24	5.0	0.0
23/11/2023 16:40	3.0	334	27	5.0	0.0
23/11/2023 16:50	3.1	329	26	4.9	0.0
23/11/2023 17:00	2.9	332	31	5.1	0.0
23/11/2023 17:10	3.1	331	29	5.2	0.0
23/11/2023 17:20	3.2	330	22	5.3	0.0
23/11/2023 17:30	3.1	339	26	4.8	0.0
23/11/2023 17:40	2.9	343	24	4.7	0.0
23/11/2023 17:50	3.2	345	23	5.1	0.0
23/11/2023 18:00	3.0	335	26	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 18:10	3.7	322	21	5.7	0.0
23/11/2023 18:20	3.9	322	18	5.6	0.0
23/11/2023 18:30	2.7	327	24	4.8	0.0
23/11/2023 18:40	2.8	267	31	4.6	0.0
23/11/2023 18:50	3.1	260	20	4.5	0.0
23/11/2023 19:00	3.8	253	18	5.8	0.0
23/11/2023 19:10	4.4	250	17	6.0	0.0
23/11/2023 19:20	4.3	248	17	6.4	0.0
23/11/2023 19:30	4.0	245	15	6.3	0.0
23/11/2023 19:40	4.2	247	19	6.0	0.0
23/11/2023 19:50	3.9	244	16	5.8	0.0
23/11/2023 20:00	4.1	252	16	5.9	0.0
23/11/2023 20:10	4.2	249	14	6.0	0.0
23/11/2023 20:20	3.0	253	19	4.8	0.0
23/11/2023 20:30	3.9	251	14	5.5	0.0
23/11/2023 20:40	2.9	246	20	4.4	0.0
23/11/2023 20:50	3.0	251	16	4.8	0.0
23/11/2023 21:00	3.0	250	18	4.5	0.0
23/11/2023 21:10	2.8	245	19	4.8	0.0
23/11/2023 21:20	3.1	240	18	4.5	0.0
23/11/2023 21:30	2.4	251	18	3.6	0.0
23/11/2023 21:40	2.4	247	17	3.6	0.0
23/11/2023 21:50	2.8	240	18	4.0	0.0
23/11/2023 22:00	2.3	247	17	3.2	0.0
23/11/2023 22:10	2.4	248	16	3.6	0.0
23/11/2023 22:20	2.4	250	15	3.8	0.0
23/11/2023 22:30	2.6	247	17	3.6	0.0
23/11/2023 22:40	2.3	253	18	3.6	0.0
23/11/2023 22:50	2.2	254	18	3.3	0.0
23/11/2023 23:00	2.3	255	18	3.9	0.0
23/11/2023 23:10	2.6	262	16	3.6	0.0
23/11/2023 23:20	3.2	257	15	4.5	0.0
23/11/2023 23:30	2.9	256	14	4.0	0.0
23/11/2023 23:40	2.6	254	20	4.1	0.0
23/11/2023 23:50	2.7	253	17	4.1	0.0
24/11/2023 00:00	3.0	249	14	4.8	0.0
24/11/2023 00:10	2.6	252	20	4.0	0.0
24/11/2023 00:20	2.6	260	15	3.8	0.0
24/11/2023 00:30	2.7	262	14	3.8	0.0
24/11/2023 00:40	2.8	261	14	4.0	0.0
24/11/2023 00:50	3.0	259	15	3.9	0.0
24/11/2023 01:00	3.1	259	16	4.2	0.0
24/11/2023 01:10	2.6	259	17	3.9	0.0
24/11/2023 01:20	2.6	257	16	4.0	0.0
24/11/2023 01:30	2.7	263	14	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 01:40	2.7	256	15	4.0	0.0
24/11/2023 01:50	2.8	260	14	4.4	0.0
24/11/2023 02:00	3.4	258	16	4.8	0.0
24/11/2023 02:10	3.3	256	14	4.5	0.0
24/11/2023 02:20	3.3	254	14	4.7	0.0
24/11/2023 02:30	3.2	254	17	4.4	0.0
24/11/2023 02:40	3.3	261	13	4.5	0.0
24/11/2023 02:50	3.8	263	15	5.6	0.0
24/11/2023 03:00	3.8	260	14	5.2	0.0
24/11/2023 03:10	3.9	259	12	5.2	0.0
24/11/2023 03:20	3.4	262	14	4.8	0.0
24/11/2023 03:30	2.9	257	17	3.8	0.0
24/11/2023 03:40	3.1	256	13	4.0	0.0
24/11/2023 03:50	3.1	259	17	4.6	0.0
24/11/2023 04:00	3.4	260	13	4.7	0.0
24/11/2023 04:10	2.9	258	14	4.2	0.0
24/11/2023 04:20	2.8	261	14	4.0	0.0
24/11/2023 04:30	2.6	265	17	3.7	0.0
24/11/2023 04:40	2.2	262	18	3.2	0.0
24/11/2023 04:50	2.0	261	17	3.0	0.0
24/11/2023 05:00	2.1	274	14	2.9	0.0
24/11/2023 05:10	1.9	276	17	2.7	0.0
24/11/2023 05:20	2.1	279	18	3.1	0.0
24/11/2023 05:30	2.3	273	15	3.2	0.0
24/11/2023 05:40	2.3	263	16	3.4	0.0
24/11/2023 05:50	2.3	264	17	3.3	0.0
24/11/2023 06:00	1.8	268	20	2.6	0.0
24/11/2023 06:10	1.8	266	20	2.6	0.0
24/11/2023 06:20	2.2	265	23	3.2	0.0
24/11/2023 06:30	3.1	274	18	4.4	0.0
24/11/2023 06:40	2.6	268	19	3.8	0.0
24/11/2023 06:50	2.5	269	21	3.6	0.0
24/11/2023 07:00	2.2	268	19	3.2	0.0
24/11/2023 07:10	2.0	266	22	3.0	0.0
24/11/2023 07:20	2.2	263	17	3.3	0.0
24/11/2023 07:30	2.4	238	21	3.8	0.0
24/11/2023 07:40	2.2	206	23	3.1	0.0
24/11/2023 07:50	2.5	224	24	3.7	0.0
24/11/2023 08:00	2.1	273	21	2.9	0.0
24/11/2023 08:10	2.0	232	38	2.8	0.0
24/11/2023 08:20	1.7	198	35	3.0	0.0
24/11/2023 08:30	2.3	191	23	3.6	0.0
24/11/2023 08:40	2.6	203	32	3.9	0.0
24/11/2023 08:50	2.3	267	24	3.6	0.0
24/11/2023 09:00	2.7	258	15	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 09:10	2.7	251	18	4.3	0.0
24/11/2023 09:20	1.8	239	41	3.2	0.0
24/11/2023 09:30	1.4	172	49	2.9	0.0
24/11/2023 09:40	1.8	112	38	3.1	0.0
24/11/2023 09:50	2.0	92	35	4.2	0.0
24/11/2023 10:00	2.5	78	25	3.7	0.0
24/11/2023 10:10	2.9	58	27	4.4	0.0
24/11/2023 10:20	3.2	60	23	5.0	0.0
24/11/2023 10:30	3.4	61	24	5.3	0.0
24/11/2023 10:40	3.1	59	26	5.1	0.0
24/11/2023 10:50	3.4	62	22	5.3	0.0
24/11/2023 11:00	3.3	62	22	5.0	0.0
24/11/2023 11:10	3.3	61	22	6.0	0.0
24/11/2023 11:20	3.5	58	22	5.2	0.0
24/11/2023 11:30	3.7	55	22	6.4	0.0
24/11/2023 11:40	3.6	63	22	5.2	0.0
24/11/2023 11:50	3.6	57	20	5.5	0.0
24/11/2023 12:00	3.6	57	21	5.2	0.0
24/11/2023 12:10	3.4	63	20	5.5	0.0
24/11/2023 12:20	3.5	67	20	5.2	0.0
24/11/2023 12:30	3.5	56	20	5.2	0.0
24/11/2023 12:40	3.5	43	22	5.1	0.0
24/11/2023 12:50	3.8	52	19	5.8	0.0
24/11/2023 13:00	4.3	54	16	6.2	0.0
24/11/2023 13:10	4.1	48	19	6.5	0.0
24/11/2023 13:20	3.9	57	25	6.6	0.0
24/11/2023 13:30	3.9	51	18	6.4	0.0
24/11/2023 13:40	4.0	37	23	6.1	0.0
24/11/2023 13:50	4.8	52	18	8.0	0.0
24/11/2023 14:00	4.1	41	23	6.3	0.0
24/11/2023 14:10	2.9	10	35	4.7	0.0
24/11/2023 14:20	3.0	353	35	5.6	0.0
24/11/2023 14:30	3.1	186	31	5.3	0.0
24/11/2023 14:40	2.5	340	34	4.8	0.0
24/11/2023 14:50	2.8	334	30	4.8	0.0
24/11/2023 15:00	2.7	338	36	4.5	0.0
24/11/2023 15:10	2.8	2	33	5.5	0.0
24/11/2023 15:20	3.1	171	31	5.4	0.0
24/11/2023 15:30	1.9	287	51	3.3	0.0
24/11/2023 15:40	2.3	332	40	4.2	0.0
24/11/2023 15:50	2.4	302	47	4.2	0.0
24/11/2023 16:00	3.5	235	18	5.1	0.0
24/11/2023 16:10	2.3	277	38	4.0	0.0
24/11/2023 16:20	2.5	277	36	4.8	0.0
24/11/2023 16:30	2.6	261	34	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 16:40	2.0	290	44	3.4	0.0
24/11/2023 16:50	1.5	328	45	2.8	0.0
24/11/2023 17:00	2.0	335	49	3.6	0.0
24/11/2023 17:10	1.7	333	40	3.2	0.0
24/11/2023 17:20	1.8	332	36	3.2	0.0
24/11/2023 17:30	2.2	30	29	3.8	0.0
24/11/2023 17:40	2.0	27	33	3.5	0.0
24/11/2023 17:50	1.9	196	31	3.0	0.0
24/11/2023 18:00	1.4	179	43	2.4	0.0
24/11/2023 18:10	1.3	23	34	2.6	0.0
24/11/2023 18:20	1.6	169	31	2.8	0.0
24/11/2023 18:30	1.2	341	41	2.3	0.0
24/11/2023 18:40	1.6	7	33	2.7	0.0
24/11/2023 18:50	1.5	33	29	2.5	0.0
24/11/2023 19:00	1.3	345	39	2.4	0.0
24/11/2023 19:10	1.3	15	37	2.5	0.0
24/11/2023 19:20	1.4	26	31	2.2	0.0
24/11/2023 19:30	1.5	176	31	2.8	0.0
24/11/2023 19:40	1.4	181	28	2.4	0.0
24/11/2023 19:50	2.9	244	16	4.8	0.0
24/11/2023 20:00	3.4	247	16	4.9	0.0
24/11/2023 20:10	3.2	254	15	4.5	0.0
24/11/2023 20:20	3.0	251	13	4.0	0.0
24/11/2023 20:30	3.1	247	12	4.2	0.0
24/11/2023 20:40	3.1	248	14	4.4	0.0
24/11/2023 20:50	2.8	250	13	4.2	0.0
24/11/2023 21:00	1.8	249	15	2.7	0.0
24/11/2023 21:10	1.6	251	11	2.1	0.0
24/11/2023 21:20	1.3	266	34	2.0	0.0
24/11/2023 21:30	2.2	247	13	3.0	0.0
24/11/2023 21:40	3.3	250	15	5.0	0.0
24/11/2023 21:50	2.5	260	17	3.8	0.0
24/11/2023 22:00	3.1	249	14	4.4	0.0
24/11/2023 22:10	3.3	250	14	4.6	0.0
24/11/2023 22:20	3.5	253	12	4.8	0.0
24/11/2023 22:30	3.5	250	11	4.8	0.0
24/11/2023 22:40	3.2	252	14	4.3	0.0
24/11/2023 22:50	3.1	255	14	4.3	0.0
24/11/2023 23:00	3.2	256	15	4.3	0.0
24/11/2023 23:10	2.7	251	14	3.6	0.0
24/11/2023 23:20	2.4	257	16	3.6	0.0
24/11/2023 23:30	1.9	251	20	3.0	0.0
24/11/2023 23:40	1.0	153	23	1.8	0.0
24/11/2023 23:50	1.1	110	25	2.0	0.0
25/11/2023 00:00	1.9	95	31	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 00:10	2.1	56	21	4.0	0.0
25/11/2023 00:20	2.4	60	19	3.6	0.0
25/11/2023 00:30	2.4	61	21	3.9	0.0
25/11/2023 00:40	2.4	50	20	3.9	0.0
25/11/2023 00:50	2.2	54	21	3.4	0.0
25/11/2023 01:00	2.3	51	24	4.2	0.0
25/11/2023 01:10	2.9	50	21	4.3	0.0
25/11/2023 01:20	3.1	54	18	5.3	0.0
25/11/2023 01:30	3.0	51	18	4.6	0.0
25/11/2023 01:40	3.0	47	19	4.8	0.0
25/11/2023 01:50	3.3	54	18	5.6	0.0
25/11/2023 02:00	2.8	36	19	4.9	0.0
25/11/2023 02:10	3.1	41	21	5.1	0.0
25/11/2023 02:20	3.1	41	20	5.1	0.0
25/11/2023 02:30	2.9	34	21	4.4	0.0
25/11/2023 02:40	2.9	36	24	4.5	0.0
25/11/2023 02:50	2.9	47	20	4.4	0.0
25/11/2023 03:00	3.0	44	19	5.2	0.0
25/11/2023 03:10	2.2	187	28	3.6	0.0
25/11/2023 03:20	2.5	183	29	4.4	0.0
25/11/2023 03:30	2.7	7	27	4.4	0.0
25/11/2023 03:40	2.9	14	28	4.8	0.0
25/11/2023 03:50	2.4	351	32	3.8	0.0
25/11/2023 04:00	2.5	5	34	4.4	0.0
25/11/2023 04:10	3.0	12	22	4.7	0.0
25/11/2023 04:20	2.3	6	27	4.0	0.0
25/11/2023 04:30	2.7	9	26	4.4	0.0
25/11/2023 04:40	2.4	25	25	3.9	0.0
25/11/2023 04:50	2.0	17	23	3.5	0.0
25/11/2023 05:00	2.0	18	32	3.0	0.0
25/11/2023 05:10	2.0	23	27	3.2	0.0
25/11/2023 05:20	2.5	12	23	3.6	0.0
25/11/2023 05:30	2.4	16	27	3.6	0.0
25/11/2023 05:40	2.3	16	23	3.7	0.0
25/11/2023 05:50	2.2	28	26	3.9	0.0
25/11/2023 06:00	1.7	28	23	2.7	0.0
25/11/2023 06:10	1.7	22	29	3.2	0.0
25/11/2023 06:20	1.1	26	29	2.2	0.0
25/11/2023 06:30	1.3	29	28	2.0	0.0
25/11/2023 06:40	1.2	13	34	2.4	0.0
25/11/2023 06:50	1.6	36	26	2.5	0.0
25/11/2023 07:00	1.7	38	27	3.2	0.0
25/11/2023 07:10	1.7	31	35	2.6	0.0
25/11/2023 07:20	1.8	27	28	2.9	0.0
25/11/2023 07:30	2.0	25	28	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 07:40	2.0	26	27	3.0	0.0
25/11/2023 07:50	2.4	20	29	4.1	0.0
25/11/2023 08:00	2.0	352	40	3.6	0.0
25/11/2023 08:10	2.0	184	41	3.6	0.0
25/11/2023 08:20	1.6	339	55	3.0	0.0
25/11/2023 08:30	1.9	182	46	3.8	0.0
25/11/2023 08:40	2.1	343	34	3.5	0.0
25/11/2023 08:50	2.5	343	34	4.0	0.0
25/11/2023 09:00	2.4	326	37	4.4	0.0
25/11/2023 09:10	2.5	352	42	4.9	0.0
25/11/2023 09:20	2.6	324	39	4.4	0.0
25/11/2023 09:30	2.3	339	35	4.0	0.0
25/11/2023 09:40	2.3	294	50	4.4	0.0
25/11/2023 09:50	2.3	298	47	3.9	0.0
25/11/2023 10:00	2.3	301	52	3.8	0.0
25/11/2023 10:10	1.9	296	50	3.9	0.0
25/11/2023 10:20	1.9	300	44	3.4	0.0
25/11/2023 10:30	1.9	352	44	3.1	0.0
25/11/2023 10:40	1.6	320	37	2.8	0.0
25/11/2023 10:50	2.2	274	48	3.8	0.0
25/11/2023 11:00	2.0	320	46	3.8	0.0
25/11/2023 11:10	1.9	301	51	3.3	0.0
25/11/2023 11:20	1.6	222	62	3.0	0.0
25/11/2023 11:30	2.5	16	32	4.3	0.0
25/11/2023 11:40	1.6	156	68	3.0	0.0
25/11/2023 11:50	1.8	352	41	3.0	0.0
25/11/2023 12:00	1.7	42	35	2.9	0.0
25/11/2023 12:10	2.0	350	58	3.8	0.0
25/11/2023 12:20	1.9	15	43	3.0	0.0
25/11/2023 12:30	1.7	319	55	3.2	0.0
25/11/2023 12:40	1.6	242	58	3.0	0.0
25/11/2023 12:50	1.6	295	70	2.9	0.0
25/11/2023 13:00	1.8	161	61	3.6	0.0
25/11/2023 13:10	1.9	36	42	3.5	0.0
25/11/2023 13:20	2.2	52	42	3.8	0.0
25/11/2023 13:30	2.4	41	30	3.8	0.0
25/11/2023 13:40	2.6	75	22	4.0	0.0
25/11/2023 13:50	2.7	71	21	4.0	0.0
25/11/2023 14:00	2.3	18	36	3.6	0.0
25/11/2023 14:10	2.2	184	36	3.4	0.0
25/11/2023 14:20	2.3	352	38	4.3	0.0
25/11/2023 14:30	2.7	325	25	4.5	0.0
25/11/2023 14:40	2.9	343	27	4.6	0.0
25/11/2023 14:50	2.9	329	25	4.7	0.0
25/11/2023 15:00	3.2	325	28	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 15:10	3.0	340	36	5.2	0.0
25/11/2023 15:20	3.4	338	22	5.6	0.0
25/11/2023 15:30	3.1	327	20	5.0	0.0
25/11/2023 15:40	2.7	330	32	4.6	0.0
25/11/2023 15:50	2.9	328	25	5.0	0.0
25/11/2023 16:00	2.8	313	39	4.6	0.0
25/11/2023 16:10	2.4	308	41	4.5	0.0
25/11/2023 16:20	2.6	312	38	4.8	0.0
25/11/2023 16:30	2.3	292	38	3.7	0.0
25/11/2023 16:40	2.7	266	31	4.7	0.0
25/11/2023 16:50	3.1	264	25	5.0	0.0
25/11/2023 17:00	2.7	264	27	4.4	0.0
25/11/2023 17:10	2.8	260	22	4.8	0.0
25/11/2023 17:20	2.6	263	29	4.2	0.0
25/11/2023 17:30	2.7	258	22	4.2	0.0
25/11/2023 17:40	3.6	243	18	5.1	0.0
25/11/2023 17:50	3.6	238	16	4.8	0.0
25/11/2023 18:00	3.4	237	15	5.1	0.0
25/11/2023 18:10	3.4	226	19	4.9	0.0
25/11/2023 18:20	3.5	215	16	5.6	0.0
25/11/2023 18:30	3.6	223	20	5.1	0.0
25/11/2023 18:40	3.1	238	18	4.4	0.0
25/11/2023 18:50	2.3	232	22	3.7	0.0
25/11/2023 19:00	2.1	253	19	3.2	0.0
25/11/2023 19:10	2.1	260	15	3.0	0.0
25/11/2023 19:20	1.8	259	16	2.5	0.0
25/11/2023 19:30	1.3	256	17	1.8	0.0
25/11/2023 19:40	0.9	251	13	1.2	0.0
25/11/2023 19:50	0.7	264	14	1.2	0.0
25/11/2023 20:00					0.0
25/11/2023 20:10					0.0
25/11/2023 20:20					0.0
25/11/2023 20:30	0.3	60	13	0.9	0.0
25/11/2023 20:40	0.8	61	14	1.2	0.0
25/11/2023 20:50	2.1	48	19	3.6	0.0
25/11/2023 21:00	1.6	44	23	2.6	0.0
25/11/2023 21:10	2.0	55	22	3.6	0.0
25/11/2023 21:20	2.0	33	20	3.2	0.0
25/11/2023 21:30	2.4	42	16	3.6	0.0
25/11/2023 21:40	2.1	53	22	3.3	0.0
25/11/2023 21:50	2.1	43	18	3.2	0.0
25/11/2023 22:00	2.0	53	21	3.1	0.0
25/11/2023 22:10	1.9	40	19	3.2	0.0
25/11/2023 22:20	1.8	32	22	2.8	0.0
25/11/2023 22:30	1.1	58	23	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 22:40	1.2	65	23	2.0	0.0
25/11/2023 22:50	0.8	68	20	1.3	0.0
25/11/2023 23:00	0.7	75	19	1.2	0.0
25/11/2023 23:10	0.7	49	17	1.6	0.0
25/11/2023 23:20	0.7	51	17	1.4	0.0
25/11/2023 23:30	1.1	48	17	1.6	0.0
25/11/2023 23:40	0.5	67	14	1.2	0.0
25/11/2023 23:50	0.4	41	11	0.9	0.0
26/11/2023 00:00	0.9	38	19	1.6	0.0
26/11/2023 00:10	0.5	36	14	1.1	0.0
26/11/2023 00:20	0.5	238	8	1.1	0.0
26/11/2023 00:30	0.5	254	5	1.0	0.0
26/11/2023 00:40	1.3	256	8	1.7	0.0
26/11/2023 00:50	1.6	255	8	2.3	0.0
26/11/2023 01:00	2.3	253	12	3.2	0.0
26/11/2023 01:10	2.3	256	16	3.6	0.0
26/11/2023 01:20	2.7	253	13	4.0	0.0
26/11/2023 01:30	2.7	250	13	3.9	0.0
26/11/2023 01:40	2.7	250	14	3.8	0.0
26/11/2023 01:50	2.8	252	14	4.1	0.0
26/11/2023 02:00	2.4	249	13	3.3	0.0
26/11/2023 02:10	1.9	252	17	2.5	0.0
26/11/2023 02:20	2.1	251	14	2.8	0.0
26/11/2023 02:30	2.0	251	18	2.9	0.0
26/11/2023 02:40	1.9	249	17	2.5	0.0
26/11/2023 02:50	1.8	252	21	2.7	0.0
26/11/2023 03:00	2.5	252	19	3.5	0.0
26/11/2023 03:10	2.6	252	15	3.6	0.0
26/11/2023 03:20	3.1	251	16	4.4	0.0
26/11/2023 03:30	2.5	259	23	4.0	0.0
26/11/2023 03:40	2.7	254	14	3.8	0.0
26/11/2023 03:50	2.8	265	21	4.4	0.0
26/11/2023 04:00	2.1	264	23	3.6	0.0
26/11/2023 04:10	2.4	258	14	3.2	0.0
26/11/2023 04:20	2.9	259	17	4.0	0.0
26/11/2023 04:30	2.6	261	18	4.4	0.0
26/11/2023 04:40	2.6	252	17	3.9	0.0
26/11/2023 04:50	2.4	248	14	3.6	0.0
26/11/2023 05:00	2.7	253	14	3.6	0.0
26/11/2023 05:10	2.3	241	15	3.6	0.0
26/11/2023 05:20	3.4	256	15	5.2	0.0
26/11/2023 05:30	3.0	257	15	4.4	0.0
26/11/2023 05:40	3.5	253	16	5.5	0.0
26/11/2023 05:50	2.9	251	16	4.3	0.0
26/11/2023 06:00	3.1	246	19	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 06:10	3.2	245	19	4.6	0.0
26/11/2023 06:20	3.2	240	18	5.1	0.0
26/11/2023 06:30	3.3	242	18	4.8	0.0
26/11/2023 06:40	3.5	248	18	5.4	0.0
26/11/2023 06:50	3.5	252	17	6.0	0.0
26/11/2023 07:00	3.8	247	18	5.2	0.0
26/11/2023 07:10	3.5	252	19	5.0	0.0
26/11/2023 07:20	3.4	250	17	4.9	0.0
26/11/2023 07:30	2.8	240	20	4.5	0.0
26/11/2023 07:40	2.9	239	18	4.1	0.0
26/11/2023 07:50	3.3	247	18	4.7	0.0
26/11/2023 08:00	3.5	245	20	5.1	0.0
26/11/2023 08:10	3.6	250	20	5.3	0.0
26/11/2023 08:20	3.5	249	18	4.8	0.0
26/11/2023 08:30	3.4	252	19	5.4	0.0
26/11/2023 08:40	3.3	260	19	4.6	0.0
26/11/2023 08:50	3.2	255	17	4.3	0.0
26/11/2023 09:00	3.2	251	19	4.6	0.0
26/11/2023 09:10	2.9	244	20	4.4	0.0
26/11/2023 09:20	2.7	255	21	4.0	0.0
26/11/2023 09:30	2.8	255	19	4.1	0.0
26/11/2023 09:40	2.9	251	25	4.4	0.0
26/11/2023 09:50	3.1	240	19	4.7	0.0
26/11/2023 10:00	3.3	236	20	4.5	0.0
26/11/2023 10:10	3.5	238	18	5.6	0.0
26/11/2023 10:20	3.5	236	20	4.9	0.0
26/11/2023 10:30	3.1	243	23	4.6	0.0
26/11/2023 10:40	3.4	248	23	5.2	0.0
26/11/2023 10:50	3.8	243	21	5.6	0.0
26/11/2023 11:00	3.7	248	18	5.6	0.0
26/11/2023 11:10	3.6	246	21	5.3	0.0
26/11/2023 11:20	3.4	250	22	5.2	0.0
26/11/2023 11:30	3.7	249	20	5.8	0.0
26/11/2023 11:40	3.9	250	16	5.4	0.0
26/11/2023 11:50	4.2	240	18	6.0	0.0
26/11/2023 12:00	4.4	241	17	6.4	0.0
26/11/2023 12:10	4.2	240	19	6.8	0.0
26/11/2023 12:20	4.2	240	18	6.6	0.0
26/11/2023 12:30	4.4	244	18	6.4	0.0
26/11/2023 12:40	4.3	242	19	6.3	0.0
26/11/2023 12:50	4.6	240	16	6.6	0.0
26/11/2023 13:00	4.4	244	18	6.5	0.0
26/11/2023 13:10	4.3	240	19	5.9	0.0
26/11/2023 13:20	4.6	241	16	6.6	0.0
26/11/2023 13:30	4.6	243	18	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 13:40	5.0	243	18	7.0	0.0
26/11/2023 13:50	4.9	245	18	6.5	0.0
26/11/2023 14:00	4.6	246	17	6.9	0.0
26/11/2023 14:10	4.8	245	17	6.8	0.0
26/11/2023 14:20	5.1	246	16	7.2	0.0
26/11/2023 14:30	4.9	247	15	6.8	0.0
26/11/2023 14:40	5.1	240	16	7.4	0.0
26/11/2023 14:50	4.9	246	16	6.7	0.0
26/11/2023 15:00	5.1	242	16	7.2	0.0
26/11/2023 15:10	4.7	245	14	7.1	0.0
26/11/2023 15:20	4.7	246	15	6.5	0.0
26/11/2023 15:30	4.7	247	16	6.8	0.0
26/11/2023 15:40	5.0	244	16	7.1	0.0
26/11/2023 15:50	5.3	244	14	7.4	0.0
26/11/2023 16:00	5.3	245	18	7.2	0.0
26/11/2023 16:10	5.5	242	16	7.6	0.0
26/11/2023 16:20	5.0	242	16	7.3	0.0
26/11/2023 16:30	5.7	248	16	7.9	0.0
26/11/2023 16:40	5.5	246	17	7.7	0.0
26/11/2023 16:50	5.2	251	17	7.9	0.0
26/11/2023 17:00	5.3	250	15	7.3	0.0
26/11/2023 17:10	5.0	247	16	7.1	0.0
26/11/2023 17:20	4.4	249	19	6.1	0.0
26/11/2023 17:30	5.3	248	17	7.6	0.0
26/11/2023 17:40	4.8	249	17	7.0	0.0
26/11/2023 17:50	5.0	248	15	7.1	0.0
26/11/2023 18:00	4.9	247	16	7.2	0.0
26/11/2023 18:10	4.8	249	16	6.5	0.0
26/11/2023 18:20	4.6	249	16	6.3	0.0
26/11/2023 18:30	3.9	255	14	6.0	0.0
26/11/2023 18:40	4.3	253	16	5.7	0.0
26/11/2023 18:50	4.6	250	12	6.5	0.0
26/11/2023 19:00	4.3	255	17	6.1	0.0
26/11/2023 19:10	4.6	250	15	6.4	0.0
26/11/2023 19:20	4.5	252	18	6.3	0.0
26/11/2023 19:30	4.5	255	16	6.1	0.0
26/11/2023 19:40	4.6	249	17	6.5	0.0
26/11/2023 19:50	4.6	251	16	6.1	0.0
26/11/2023 20:00	4.3	254	14	6.4	0.0
26/11/2023 20:10	4.9	249	13	7.0	0.0
26/11/2023 20:20	4.2	252	14	6.2	0.0
26/11/2023 20:30	4.0	254	19	6.2	0.0
26/11/2023 20:40	4.5	253	12	6.6	0.0
26/11/2023 20:50	3.7	253	17	5.5	0.0
26/11/2023 21:00	4.2	250	14	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 21:10	3.8	254	15	5.6	0.0
26/11/2023 21:20	4.4	252	16	6.3	0.0
26/11/2023 21:30	4.2	253	19	6.5	0.0
26/11/2023 21:40	4.1	252	15	5.7	0.0
26/11/2023 21:50	4.0	256	17	5.4	0.0
26/11/2023 22:00	4.2	253	18	6.3	0.0
26/11/2023 22:10	3.7	255	17	5.3	0.0
26/11/2023 22:20	4.1	255	19	6.4	0.0
26/11/2023 22:30	4.3	254	17	7.5	0.0
26/11/2023 22:40	3.9	254	18	5.9	0.0
26/11/2023 22:50	4.7	251	17	7.1	0.0
26/11/2023 23:00	4.1	253	18	6.0	0.0
26/11/2023 23:10	4.1	255	19	6.7	0.0
26/11/2023 23:20	4.2	249	16	6.9	0.0
26/11/2023 23:30	4.5	253	17	6.7	0.0
26/11/2023 23:40	4.1	254	18	6.4	0.0
26/11/2023 23:50	3.7	254	15	5.2	0.0
27/11/2023 00:00	3.4	259	19	5.1	0.0
27/11/2023 00:10	3.8	257	18	6.4	0.0
27/11/2023 00:20	3.8	257	21	6.3	0.0
27/11/2023 00:30	4.4	252	15	6.7	0.0
27/11/2023 00:40	4.4	253	15	6.8	0.0
27/11/2023 00:50	4.5	250	15	6.8	0.0
27/11/2023 01:00	4.4	248	19	6.5	0.0
27/11/2023 01:10	4.5	241	19	6.7	0.0
27/11/2023 01:20	4.8	250	16	7.1	0.0
27/11/2023 01:30	4.8	254	17	7.5	0.0
27/11/2023 01:40	5.3	252	15	7.3	0.0
27/11/2023 01:50	4.6	253	14	6.7	0.0
27/11/2023 02:00	4.3	246	19	6.8	0.0
27/11/2023 02:10	4.9	248	17	6.8	0.0
27/11/2023 02:20	4.1	246	17	6.3	0.0
27/11/2023 02:30	4.0	249	15	6.4	0.0
27/11/2023 02:40	4.6	251	18	7.0	0.0
27/11/2023 02:50	4.4	246	18	7.4	0.0
27/11/2023 03:00	4.6	239	17	6.6	0.0
27/11/2023 03:10	4.3	238	18	7.4	0.0
27/11/2023 03:20	5.1	238	20	7.1	0.0
27/11/2023 03:30	5.1	241	17	8.2	0.0
27/11/2023 03:40	4.8	242	18	7.5	0.0
27/11/2023 03:50	4.1	248	21	6.3	0.0
27/11/2023 04:00	4.0	247	18	6.1	0.0
27/11/2023 04:10	4.4	243	19	6.8	0.0
27/11/2023 04:20	4.5	234	17	6.4	0.0
27/11/2023 04:30	4.3	237	18	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 04:40	4.4	238	17	6.4	0.0
27/11/2023 04:50	4.5	240	17	6.5	0.0
27/11/2023 05:00	3.8	243	17	5.7	0.0
27/11/2023 05:10	3.8	242	19	5.7	0.0
27/11/2023 05:20	3.9	240	20	5.8	0.0
27/11/2023 05:30	3.3	238	20	5.0	0.0
27/11/2023 05:40	3.3	243	19	5.6	0.0
27/11/2023 05:50	3.0	239	15	4.6	0.0
27/11/2023 06:00	3.3	248	17	4.8	0.0
27/11/2023 06:10	3.3	238	18	5.2	0.0
27/11/2023 06:20	3.6	251	17	5.4	0.0
27/11/2023 06:30	3.7	246	17	5.6	0.0
27/11/2023 06:40	3.7	246	19	5.1	0.0
27/11/2023 06:50	3.7	241	20	5.3	0.0
27/11/2023 07:00	3.7	245	19	5.6	0.0
27/11/2023 07:10	3.7	242	19	5.1	0.0
27/11/2023 07:20	4.1	240	18	5.8	0.0
27/11/2023 07:30	4.1	241	18	6.0	0.0
27/11/2023 07:40	3.7	239	21	5.8	0.0
27/11/2023 07:50	3.9	248	17	5.4	0.0
27/11/2023 08:00	4.1	255	18	5.6	0.0
27/11/2023 08:10	4.4	253	15	6.0	0.0
27/11/2023 08:20	4.4	253	16	6.1	0.0
27/11/2023 08:30	4.6	252	17	6.3	0.0
27/11/2023 08:40	4.7	253	15	6.2	0.0
27/11/2023 08:50	4.3	249	16	6.1	0.0
27/11/2023 09:00	4.3	249	16	6.0	0.0
27/11/2023 09:10	4.3	249	21	6.4	0.0
27/11/2023 09:20	4.5	252	15	6.8	0.0
27/11/2023 09:30	4.4	248	17	6.5	0.0
27/11/2023 09:40	4.5	257	17	6.5	0.0
27/11/2023 09:50	4.5	253	18	7.2	0.0
27/11/2023 10:00	4.6	251	20	6.4	0.0
27/11/2023 10:10	4.5	254	18	6.6	0.0
27/11/2023 10:20	4.6	250	18	6.9	0.0
27/11/2023 10:30	4.4	248	18	6.3	0.0
27/11/2023 10:40	4.5	248	18	6.5	0.0
27/11/2023 10:50	4.7	252	20	6.1	0.0
27/11/2023 11:00	4.6	256	18	6.8	0.0
27/11/2023 11:10	4.1	255	20	6.8	0.0
27/11/2023 11:20	4.4	257	23	6.5	0.0
27/11/2023 11:30	4.4	249	21	6.7	0.0
27/11/2023 11:40	5.1	247	18	7.8	0.0
27/11/2023 11:50	5.2	243	17	7.5	0.0
27/11/2023 12:00	4.8	256	19	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 12:10	5.3	251	21	7.5	0.0
27/11/2023 12:20	5.6	246	18	8.5	0.0
27/11/2023 12:30	6.0	250	19	8.4	0.0
27/11/2023 12:40	5.4	247	15	8.3	0.0
27/11/2023 12:50	5.4	249	20	7.8	0.0
27/11/2023 13:00	5.5	245	18	7.6	0.0
27/11/2023 13:10	5.1	251	17	7.8	0.0
27/11/2023 13:20	5.3	252	20	7.9	0.0
27/11/2023 13:30	5.3	256	19	8.4	0.0
27/11/2023 13:40	5.5	251	19	7.8	0.0
27/11/2023 13:50	5.8	246	20	8.2	0.0
27/11/2023 14:00	5.5	253	18	8.5	0.0
27/11/2023 14:10	5.5	253	18	8.0	0.0
27/11/2023 14:20	5.4	257	18	8.2	0.0
27/11/2023 14:30	5.8	246	17	8.3	0.0
27/11/2023 14:40	5.2	247	18	7.8	0.0
27/11/2023 14:50	5.0	251	17	7.5	0.0
27/11/2023 15:00	5.4	246	20	7.9	0.0
27/11/2023 15:10	5.5	245	16	8.2	0.0
27/11/2023 15:20	5.5	245	18	7.6	0.0
27/11/2023 15:30	5.8	245	18	8.6	0.0
27/11/2023 15:40	5.1	252	18	7.5	0.0
27/11/2023 15:50	5.4	250	18	7.8	0.0
27/11/2023 16:00	5.3	251	17	7.5	0.0
27/11/2023 16:10	5.9	253	16	8.5	0.0
27/11/2023 16:20	5.6	255	17	7.6	0.0
27/11/2023 16:30	6.0	247	17	9.1	0.0
27/11/2023 16:40	5.2	259	17	7.7	0.0
27/11/2023 16:50	5.2	254	19	7.5	0.0
27/11/2023 17:00	5.5	255	17	8.3	0.0
27/11/2023 17:10	5.0	257	18	7.4	0.0
27/11/2023 17:20	5.5	257	18	7.5	0.0
27/11/2023 17:30	5.7	259	15	7.7	0.0
27/11/2023 17:40	4.7	251	18	7.5	0.0
27/11/2023 17:50	5.0	251	15	7.8	0.0
27/11/2023 18:00	5.2	246	15	7.5	0.0
27/11/2023 18:10	5.0	244	16	7.4	0.0
27/11/2023 18:20	4.6	249	18	7.2	0.0
27/11/2023 18:30	4.5	253	16	7.0	0.0
27/11/2023 18:40	4.9	252	17	7.3	0.0
27/11/2023 18:50	4.6	255	18	6.7	0.0
27/11/2023 19:00	4.4	253	16	7.2	0.0
27/11/2023 19:10	5.3	249	16	7.7	0.0
27/11/2023 19:20	4.7	247	16	7.0	0.0
27/11/2023 19:30	5.1	248	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 19:40	4.6	251	15	6.7	0.0
27/11/2023 19:50	4.6	250	18	7.0	0.0
27/11/2023 20:00	4.8	250	18	7.4	0.0
27/11/2023 20:10	4.8	256	17	7.1	0.0
27/11/2023 20:20	4.8	249	17	7.7	0.0
27/11/2023 20:30	4.3	257	17	6.8	0.0
27/11/2023 20:40	4.7	260	17	7.1	0.0
27/11/2023 20:50	5.0	257	16	7.2	0.0
27/11/2023 21:00	4.6	258	15	7.2	0.0
27/11/2023 21:10	5.2	256	16	7.2	0.0
27/11/2023 21:20	4.5	260	16	6.7	0.0
27/11/2023 21:30	5.5	253	16	9.5	0.0
27/11/2023 21:40	5.0	256	17	7.2	0.0
27/11/2023 21:50	5.2	255	17	7.9	0.0
27/11/2023 22:00	5.1	253	16	7.5	0.0
27/11/2023 22:10	5.2	255	17	7.6	0.0
27/11/2023 22:20	4.8	257	19	7.4	0.0
27/11/2023 22:30	4.9	255	18	7.6	0.0
27/11/2023 22:40	5.0	255	17	8.6	0.0
27/11/2023 22:50	4.9	253	17	7.2	0.0
27/11/2023 23:00	5.1	251	16	8.0	0.0
27/11/2023 23:10	4.2	254	20	6.3	0.0
27/11/2023 23:20	5.1	250	18	7.7	0.0
27/11/2023 23:30	5.1	250	18	7.5	0.0
27/11/2023 23:40	4.6	254	18	7.2	0.0
27/11/2023 23:50	4.7	256	18	7.7	0.0
28/11/2023 00:00	5.1	252	19	7.2	0.0
28/11/2023 00:10	5.0	247	15	7.2	0.0
28/11/2023 00:20	5.4	252	15	7.4	0.0
28/11/2023 00:30	5.4	250	17	7.5	0.0
28/11/2023 00:40	4.8	242	16	7.7	0.0
28/11/2023 00:50	4.8	242	16	7.3	0.0
28/11/2023 01:00	5.2	245	17	7.8	0.0
28/11/2023 01:10	5.0	243	19	7.2	0.0
28/11/2023 01:20	4.9	246	18	7.5	0.0
28/11/2023 01:30	5.1	242	21	7.9	0.0
28/11/2023 01:40	4.8	244	19	7.5	0.0
28/11/2023 01:50	4.9	239	19	7.2	0.0
28/11/2023 02:00	4.8	235	20	7.2	0.0
28/11/2023 02:10	4.6	232	16	6.8	0.0
28/11/2023 02:20	5.0	232	15	6.9	0.0
28/11/2023 02:30	4.7	233	19	7.0	0.0
28/11/2023 02:40	4.3	233	17	6.4	0.0
28/11/2023 02:50	4.3	238	18	6.3	0.0
28/11/2023 03:00	4.0	241	20	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 03:10	4.3	237	17	6.6	0.0
28/11/2023 03:20	4.4	244	19	6.2	0.0
28/11/2023 03:30	4.5	235	19	6.5	0.0
28/11/2023 03:40	4.3	237	18	6.6	0.0
28/11/2023 03:50	4.1	235	18	6.0	0.0
28/11/2023 04:00	4.1	237	17	6.3	0.0
28/11/2023 04:10	3.6	232	17	5.2	0.0
28/11/2023 04:20	2.9	248	19	5.3	0.0
28/11/2023 04:30	3.8	253	18	5.5	0.0
28/11/2023 04:40	3.7	243	18	5.8	0.0
28/11/2023 04:50	3.5	242	19	5.6	0.0
28/11/2023 05:00	3.3	250	21	5.3	0.0
28/11/2023 05:10	3.8	246	18	6.3	0.0
28/11/2023 05:20	3.8	248	18	5.5	0.0
28/11/2023 05:30	3.9	232	18	6.6	0.0
28/11/2023 05:40	3.8	240	18	5.6	0.0
28/11/2023 05:50	4.0	239	18	6.0	0.0
28/11/2023 06:00	4.4	235	19	6.8	0.0
28/11/2023 06:10	4.0	243	19	6.2	0.0
28/11/2023 06:20	4.1	244	17	6.4	0.0
28/11/2023 06:30	4.2	247	18	6.3	0.0
28/11/2023 06:40	4.3	242	19	6.8	0.0
28/11/2023 06:50	4.3	236	21	6.1	0.0
28/11/2023 07:00	4.3	242	21	7.0	0.0
28/11/2023 07:10	4.4	239	21	6.8	0.0
28/11/2023 07:20	4.5	239	17	6.7	0.0
28/11/2023 07:30	4.7	236	17	6.8	0.0
28/11/2023 07:40	4.7	244	18	6.9	0.0
28/11/2023 07:50	4.8	241	18	6.8	0.0
28/11/2023 08:00	5.0	240	17	7.5	0.0
28/11/2023 08:10	5.0	243	19	7.9	0.0
28/11/2023 08:20	5.0	249	21	7.4	0.0
28/11/2023 08:30	4.9	244	20	7.0	0.0
28/11/2023 08:40	4.9	241	17	6.9	0.0
28/11/2023 08:50	5.2	244	18	8.1	0.0
28/11/2023 09:00	5.2	241	19	7.7	0.0
28/11/2023 09:10	5.2	241	18	7.0	0.0
28/11/2023 09:20	5.1	250	16	8.2	0.0
28/11/2023 09:30	4.5	252	18	6.5	0.0
28/11/2023 09:40	4.9	249	21	8.3	0.0
28/11/2023 09:50	4.7	251	20	7.3	0.0
28/11/2023 10:00	4.9	254	18	7.5	0.0
28/11/2023 10:10	5.3	250	22	7.7	0.0
28/11/2023 10:20	5.0	250	20	7.4	0.0
28/11/2023 10:30	5.1	257	20	8.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 10:40	4.8	259	22	8.2	0.0
28/11/2023 10:50	5.1	252	21	7.9	0.0
28/11/2023 11:00	5.2	249	19	7.5	0.0
28/11/2023 11:10	4.9	252	20	7.6	0.0
28/11/2023 11:20	5.3	249	22	7.9	0.0
28/11/2023 11:30	5.6	250	21	8.4	0.0
28/11/2023 11:40	5.7	251	20	9.7	0.0
28/11/2023 11:50	5.6	248	19	8.2	0.0
28/11/2023 12:00	5.4	247	19	7.8	0.0
28/11/2023 12:10	5.3	251	21	8.0	0.0
28/11/2023 12:20	5.4	247	18	7.5	0.0
28/11/2023 12:30	5.6	246	20	8.3	0.0
28/11/2023 12:40	5.7	254	18	9.3	0.0
28/11/2023 12:50	5.9	251	20	8.5	0.0
28/11/2023 13:00	5.6	252	18	8.7	0.0
28/11/2023 13:10	5.4	255	20	8.0	0.0
28/11/2023 13:20	6.2	250	19	9.1	0.0
28/11/2023 13:30	6.0	247	17	8.8	0.0
28/11/2023 13:40	6.3	247	20	9.9	0.0
28/11/2023 13:50	5.9	245	16	10.3	0.0
28/11/2023 14:00	5.9	250	17	9.3	0.0
28/11/2023 14:10	5.5	258	19	8.2	0.0
28/11/2023 14:20	5.6	251	17	9.5	0.0
28/11/2023 14:30	5.3	254	19	7.4	0.0
28/11/2023 14:40	5.8	252	19	8.2	0.0
28/11/2023 14:50	5.9	247	18	8.7	0.0
28/11/2023 15:00	5.8	243	20	8.2	0.0
28/11/2023 15:10	5.8	247	16	8.7	0.0
28/11/2023 15:20	6.1	245	17	8.2	0.0
28/11/2023 15:30	6.4	244	16	8.9	0.0
28/11/2023 15:40	6.1	249	15	8.9	0.0
28/11/2023 15:50	5.9	249	17	8.9	0.0
28/11/2023 16:00	5.5	256	17	8.4	0.0
28/11/2023 16:10	5.9	252	20	8.7	0.0
28/11/2023 16:20	5.6	250	17	8.7	0.0
28/11/2023 16:30	6.3	251	16	9.5	0.0
28/11/2023 16:40	6.0	256	16	9.0	0.0
28/11/2023 16:50	5.5	253	23	8.2	0.0
28/11/2023 17:00	6.1	258	16	9.1	0.0
28/11/2023 17:10	5.7	258	15	9.1	0.0
28/11/2023 17:20	6.5	250	17	10.2	0.0
28/11/2023 17:30	5.5	256	15	8.5	0.0
28/11/2023 17:40	5.6	255	20	9.1	0.0
28/11/2023 17:50	6.2	255	18	8.9	0.0
28/11/2023 18:00	5.6	255	15	9.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 18:10	5.7	252	18	8.6	0.0
28/11/2023 18:20	5.7	256	15	8.2	0.0
28/11/2023 18:30	5.1	256	18	8.2	0.0
28/11/2023 18:40	5.1	255	19	8.6	0.0
28/11/2023 18:50	5.2	257	19	7.5	0.0
28/11/2023 19:00	5.2	254	20	8.0	0.0
28/11/2023 19:10	5.1	257	20	7.5	0.0
28/11/2023 19:20	5.5	260	17	8.8	0.0
28/11/2023 19:30	5.1	256	18	7.6	0.0
28/11/2023 19:40	6.0	254	16	8.9	0.0
28/11/2023 19:50	5.5	254	16	8.6	0.0
28/11/2023 20:00	5.4	254	18	8.8	0.0
28/11/2023 20:10	5.6	253	16	8.1	0.0
28/11/2023 20:20	5.5	258	16	8.5	0.0
28/11/2023 20:30	5.7	252	19	9.0	0.0
28/11/2023 20:40	6.2	251	16	8.3	0.0
28/11/2023 20:50	5.8	252	16	8.2	0.0
28/11/2023 21:00	5.5	251	19	8.0	0.0
28/11/2023 21:10	6.0	253	13	9.1	0.0
28/11/2023 21:20	5.9	249	17	9.0	0.0
28/11/2023 21:30	6.0	248	16	8.6	0.0
28/11/2023 21:40	5.6	253	20	8.3	0.0
28/11/2023 21:50	5.6	252	15	8.7	0.0
28/11/2023 22:00	6.0	249	16	8.7	0.0
28/11/2023 22:10	5.7	248	18	8.4	0.0
28/11/2023 22:20	6.5	249	17	9.3	0.0
28/11/2023 22:30	5.6	252	17	8.9	0.0
28/11/2023 22:40	5.6	251	17	8.4	0.0
28/11/2023 22:50	5.9	246	17	9.4	0.0
28/11/2023 23:00	6.2	237	19	9.5	0.0
28/11/2023 23:10	6.0	240	16	9.4	0.0
28/11/2023 23:20	5.9	239	16	8.7	0.0
28/11/2023 23:30	5.5	237	18	8.7	0.0
28/11/2023 23:40	5.3	239	17	7.9	0.0
28/11/2023 23:50	5.8	245	16	8.4	0.0
29/11/2023 00:00	5.9	239	18	8.3	0.0
29/11/2023 00:10	5.1	239	17	7.7	0.0
29/11/2023 00:20	5.6	247	21	8.2	0.0
29/11/2023 00:30	5.5	248	19	8.5	0.0
29/11/2023 00:40	5.4	244	19	7.6	0.0
29/11/2023 00:50	5.5	241	18	8.0	0.0
29/11/2023 01:00	4.7	242	18	6.4	0.0
29/11/2023 01:10	5.1	240	19	7.2	0.0
29/11/2023 01:20	5.4	240	17	7.5	0.0
29/11/2023 01:30	4.8	248	20	7.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 01:40	4.7	242	19	6.8	0.0
29/11/2023 01:50	4.6	243	16	7.5	0.0
29/11/2023 02:00	5.1	244	18	7.5	0.0
29/11/2023 02:10	4.3	245	19	6.7	0.0
29/11/2023 02:20	5.1	244	18	7.5	0.0
29/11/2023 02:30	4.8	250	17	7.2	0.0
29/11/2023 02:40	4.6	249	19	7.2	0.0
29/11/2023 02:50	4.7	247	18	8.0	0.0
29/11/2023 03:00	4.8	248	18	7.3	0.0
29/11/2023 03:10	4.9	248	16	7.6	0.0
29/11/2023 03:20	5.1	250	18	7.9	0.0
29/11/2023 03:30	4.7	251	18	7.5	0.0
29/11/2023 03:40	5.2	250	16	8.0	0.0
29/11/2023 03:50	4.8	249	21	7.6	0.0
29/11/2023 04:00	5.1	244	18	7.1	0.0
29/11/2023 04:10	5.6	243	17	8.8	0.0
29/11/2023 04:20	5.3	245	18	8.3	0.0
29/11/2023 04:30	4.5	248	17	7.9	0.0
29/11/2023 04:40	4.2	246	20	6.6	0.0
29/11/2023 04:50	4.1	246	20	6.5	0.0
29/11/2023 05:00	4.4	246	19	6.7	0.0
29/11/2023 05:10	4.3	239	16	6.7	0.0
29/11/2023 05:20	5.1	242	18	7.3	0.0
29/11/2023 05:30	4.7	247	18	6.9	0.0
29/11/2023 05:40	4.7	245	18	7.1	0.0
29/11/2023 05:50	4.7	243	17	7.0	0.0
29/11/2023 06:00	4.5	245	17	6.2	0.0
29/11/2023 06:10	4.6	245	18	6.8	0.0
29/11/2023 06:20	5.0	249	17	7.5	0.0
29/11/2023 06:30	4.8	250	18	6.9	0.0
29/11/2023 06:40	4.9	245	18	7.0	0.0
29/11/2023 06:50	4.9	250	18	6.8	0.0
29/11/2023 07:00	4.8	249	18	7.1	0.0
29/11/2023 07:10	4.8	245	18	6.4	0.0
29/11/2023 07:20	4.8	251	16	6.8	0.0
29/11/2023 07:30	4.6	247	17	6.8	0.0
29/11/2023 07:40	4.8	242	16	7.1	0.0
29/11/2023 07:50	4.8	253	16	6.4	0.0
29/11/2023 08:00	4.5	251	18	6.2	0.0
29/11/2023 08:10	4.9	254	17	6.6	0.0
29/11/2023 08:20	4.4	243	16	6.1	0.0
29/11/2023 08:30	4.3	256	15	6.0	0.0
29/11/2023 08:40	4.3	249	20	5.8	0.0
29/11/2023 08:50	3.9	255	19	5.6	0.0
29/11/2023 09:00	3.6	254	19	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 09:10	3.4	263	22	5.3	0.0
29/11/2023 09:20	3.9	252	19	6.0	0.0
29/11/2023 09:30	3.7	259	20	5.9	0.0
29/11/2023 09:40	3.8	254	18	5.6	0.0
29/11/2023 09:50	4.1	251	18	5.8	0.0
29/11/2023 10:00	4.1	250	18	6.4	0.0
29/11/2023 10:10	4.2	249	21	6.0	0.0
29/11/2023 10:20	4.4	246	17	6.4	0.0
29/11/2023 10:30	4.3	247	22	6.4	0.0
29/11/2023 10:40	4.6	245	18	6.9	0.0
29/11/2023 10:50	4.6	251	19	6.3	0.0
29/11/2023 11:00	4.5	248	19	6.8	0.0
29/11/2023 11:10	4.4	250	17	6.7	0.0
29/11/2023 11:20	4.0	253	21	6.3	0.0
29/11/2023 11:30	3.8	262	24	5.7	0.0
29/11/2023 11:40	3.3	276	37	5.2	0.0
29/11/2023 11:50	3.4	269	30	5.9	0.0
29/11/2023 12:00	3.7	264	34	6.0	0.0
29/11/2023 12:10	3.5	282	37	5.9	0.0
29/11/2023 12:20	4.0	281	34	7.0	0.0
29/11/2023 12:30	3.5	282	33	5.6	0.0
29/11/2023 12:40	3.4	303	43	5.7	0.0
29/11/2023 12:50	3.8	279	39	6.1	0.0
29/11/2023 13:00	3.3	295	47	5.6	0.0
29/11/2023 13:10	3.9	286	40	6.8	0.0
29/11/2023 13:20	3.8	284	33	6.9	0.0
29/11/2023 13:30	3.4	304	45	5.9	0.0
29/11/2023 13:40	3.7	292	39	6.5	0.0
29/11/2023 13:50	3.7	294	39	6.1	0.0
29/11/2023 14:00	4.1	288	38	6.4	0.0
29/11/2023 14:10	3.7	271	35	5.6	0.0
29/11/2023 14:20	4.0	268	39	7.0	0.0
29/11/2023 14:30	4.1	284	42	6.8	0.0
29/11/2023 14:40	4.1	279	31	6.6	0.0
29/11/2023 14:50	4.9	257	25	7.6	0.0
29/11/2023 15:00	3.9	284	36	6.1	0.0
29/11/2023 15:10	4.9	259	27	7.9	0.0
29/11/2023 15:20	4.3	262	30	6.8	0.0
29/11/2023 15:30	4.3	263	31	7.1	0.0
29/11/2023 15:40	4.9	262	28	7.6	0.0
29/11/2023 15:50	5.0	258	22	8.3	0.0
29/11/2023 16:00	4.3	267	32	6.8	0.0
29/11/2023 16:10	4.7	261	20	8.0	0.0
29/11/2023 16:20	5.1	260	22	7.8	0.0
29/11/2023 16:30	3.6	268	35	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 16:40	4.5	259	25	7.2	0.0
29/11/2023 16:50	4.5	260	26	6.8	0.0
29/11/2023 17:00	4.4	261	25	6.4	0.0
29/11/2023 17:10	4.1	267	29	6.0	0.0
29/11/2023 17:20	4.3	261	26	6.8	0.0
29/11/2023 17:30	3.9	264	29	6.0	0.0
29/11/2023 17:40	3.9	266	29	6.0	0.0
29/11/2023 17:50	4.1	257	22	6.8	0.0
29/11/2023 18:00	3.6	268	30	6.2	0.0
29/11/2023 18:10	3.7	265	24	5.8	0.0
29/11/2023 18:20	3.1	263	24	5.9	0.0
29/11/2023 18:30	3.4	268	25	6.0	0.0
29/11/2023 18:40	3.5	259	22	6.0	0.0
29/11/2023 18:50	3.6	256	19	5.3	0.0
29/11/2023 19:00	4.8	255	17	7.2	0.0
29/11/2023 19:10	4.5	258	15	7.6	0.0
29/11/2023 19:20	4.6	254	18	6.8	0.0
29/11/2023 19:30	4.4	256	19	7.3	0.0
29/11/2023 19:40	4.5	254	18	7.0	0.0
29/11/2023 19:50	4.6	259	19	7.3	0.0
29/11/2023 20:00	4.8	255	15	7.7	0.0
29/11/2023 20:10	4.3	256	19	6.8	0.0
29/11/2023 20:20	4.4	256	19	6.6	0.0
29/11/2023 20:30	4.6	255	19	7.5	0.0
29/11/2023 20:40	5.0	255	18	7.2	0.0
29/11/2023 20:50	4.5	253	20	7.2	0.0
29/11/2023 21:00	4.3	260	18	6.5	0.0
29/11/2023 21:10	4.0	257	19	6.1	0.0
29/11/2023 21:20	4.6	250	18	6.7	0.0
29/11/2023 21:30	4.5	256	20	6.6	0.0
29/11/2023 21:40	4.5	258	17	7.0	0.0
29/11/2023 21:50	4.9	253	16	7.5	0.0
29/11/2023 22:00	4.9	250	16	7.1	0.0
29/11/2023 22:10	4.3	255	16	6.9	0.0
29/11/2023 22:20	4.4	249	17	6.8	0.0
29/11/2023 22:30	3.9	252	17	6.4	0.0
29/11/2023 22:40	4.4	254	17	6.5	0.0
29/11/2023 22:50	4.2	257	16	6.3	0.0
29/11/2023 23:00	4.7	253	19	7.4	0.0
29/11/2023 23:10	4.7	251	17	6.4	0.0
29/11/2023 23:20	4.4	250	17	6.2	0.0
29/11/2023 23:30	4.5	252	15	6.8	0.0
29/11/2023 23:40	4.6	256	18	7.2	0.0
29/11/2023 23:50	4.3	252	17	6.3	0.0
30/11/2023 00:00	4.4	255	16	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 00:10	4.2	254	16	6.5	0.0
30/11/2023 00:20	4.6	251	16	6.8	0.0
30/11/2023 00:30	4.3	255	17	6.3	0.0
30/11/2023 00:40	3.8	255	18	5.9	0.0
30/11/2023 00:50	4.0	256	21	6.7	0.0
30/11/2023 01:00	4.0	255	19	6.0	0.0
30/11/2023 01:10	4.0	258	18	6.6	0.0
30/11/2023 01:20	3.8	263	21	5.9	0.0
30/11/2023 01:30	4.0	259	17	6.0	0.0
30/11/2023 01:40	4.0	249	16	6.0	0.0
30/11/2023 01:50	3.3	262	20	5.2	0.0
30/11/2023 02:00	3.4	259	19	5.5	0.0
30/11/2023 02:10	3.7	255	16	6.1	0.0
30/11/2023 02:20	4.3	250	15	6.6	0.0
30/11/2023 02:30	3.6	252	16	5.5	0.0
30/11/2023 02:40	3.1	259	17	5.1	0.0
30/11/2023 02:50	3.7	254	14	5.9	0.0
30/11/2023 03:00	3.6	258	16	5.7	0.0
30/11/2023 03:10	3.8	256	17	6.0	0.0
30/11/2023 03:20	3.8	259	15	6.2	0.0
30/11/2023 03:30	3.4	255	19	5.6	0.0
30/11/2023 03:40	4.2	254	16	6.4	0.0
30/11/2023 03:50	3.9	256	15	5.6	0.0
30/11/2023 04:00	3.2	257	21	5.0	0.0
30/11/2023 04:10	3.7	257	16	5.5	0.0
30/11/2023 04:20	3.1	259	20	5.2	0.0
30/11/2023 04:30	3.5	258	17	5.3	0.0
30/11/2023 04:40	3.4	258	16	5.5	0.0
30/11/2023 04:50	3.7	253	12	5.8	0.0
30/11/2023 05:00	3.6	256	16	6.0	0.0
30/11/2023 05:10	3.7	255	17	5.7	0.0
30/11/2023 05:20	3.3	259	20	5.2	0.0
30/11/2023 05:30	3.3	256	19	5.0	0.0
30/11/2023 05:40	3.3	256	18	4.6	0.0
30/11/2023 05:50	3.0	254	17	4.8	0.0
30/11/2023 06:00	3.6	253	17	5.5	0.0
30/11/2023 06:10	3.6	252	18	5.3	0.0
30/11/2023 06:20	3.6	246	20	5.1	0.0
30/11/2023 06:30	3.9	242	18	5.6	0.0
30/11/2023 06:40	4.0	239	17	5.6	0.0
30/11/2023 06:50	3.8	236	17	6.0	0.0
30/11/2023 07:00	3.9	251	17	5.4	0.0
30/11/2023 07:10	3.8	240	19	5.4	0.0
30/11/2023 07:20	4.1	237	17	5.6	0.0
30/11/2023 07:30	4.2	246	18	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 07:40	4.3	239	18	6.0	0.0
30/11/2023 07:50	4.4	251	17	6.5	0.0
30/11/2023 08:00	4.6	248	18	6.8	0.0
30/11/2023 08:10	4.5	245	15	6.3	0.0
30/11/2023 08:20	4.5	248	21	6.5	0.0
30/11/2023 08:30	4.7	248	17	6.6	0.0
30/11/2023 08:40	4.5	251	16	6.1	0.0
30/11/2023 08:50	4.4	257	17	6.4	0.0
30/11/2023 09:00	4.4	252	18	6.8	0.0
30/11/2023 09:10	4.1	253	20	6.7	0.0
30/11/2023 09:20	4.0	251	21	5.7	0.0
30/11/2023 09:30	4.0	251	17	5.9	0.0
30/11/2023 09:40	3.8	257	19	5.9	0.0
30/11/2023 09:50	3.8	253	18	5.3	0.0
30/11/2023 10:00	4.0	254	19	6.2	0.0
30/11/2023 10:10	4.1	248	22	5.6	0.0
30/11/2023 10:20	4.1	249	17	6.0	0.0
30/11/2023 10:30	3.9	251	19	6.0	0.0
30/11/2023 10:40	4.6	245	16	6.3	0.0
30/11/2023 10:50	4.3	247	16	6.3	0.0
30/11/2023 11:00	4.4	244	20	6.4	0.0
30/11/2023 11:10	4.4	244	18	6.0	0.0
30/11/2023 11:20	4.5	235	17	6.2	0.0
30/11/2023 11:30	4.2	238	16	5.9	0.0
30/11/2023 11:40	3.4	265	28	5.6	0.0
30/11/2023 11:50	2.7	274	34	5.2	0.0
30/11/2023 12:00	3.0	310	38	5.2	0.0
30/11/2023 12:10	3.0	289	41	5.2	0.0
30/11/2023 12:20	3.7	281	38	5.5	0.0
30/11/2023 12:30	3.2	273	40	4.9	0.0
30/11/2023 12:40	3.3	308	44	5.2	0.0
30/11/2023 12:50	3.5	301	37	5.3	0.0
30/11/2023 13:00	3.8	294	40	6.0	0.0
30/11/2023 13:10	3.3	302	45	5.8	0.0
30/11/2023 13:20	3.5	299	42	6.9	0.0
30/11/2023 13:30	3.2	294	48	5.8	0.0
30/11/2023 13:40	3.3	303	32	5.3	0.0
30/11/2023 13:50	3.7	320	31	6.2	0.0
30/11/2023 14:00	4.2	323	25	7.0	0.0
30/11/2023 14:10	2.9	285	49	5.8	0.0
30/11/2023 14:20	3.4	294	42	6.0	0.0
30/11/2023 14:30	3.2	284	43	5.3	0.0
30/11/2023 14:40	3.9	271	33	6.8	0.0
30/11/2023 14:50	3.6	293	46	6.8	0.0
30/11/2023 15:00	3.6	278	41	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 15:10	3.3	291	38	5.3	0.0
30/11/2023 15:20	4.0	264	36	6.1	0.0
30/11/2023 15:30	3.9	261	32	6.9	0.0
30/11/2023 15:40	3.5	274	41	6.1	0.0
30/11/2023 15:50	3.8	295	36	6.4	0.0
30/11/2023 16:00	3.9	288	35	6.7	0.0
30/11/2023 16:10	3.8	288	39	6.6	0.0
30/11/2023 16:20	3.3	273	38	5.2	0.0
30/11/2023 16:30	3.8	262	27	6.4	0.0
30/11/2023 16:40	4.1	260	28	7.2	0.0
30/11/2023 16:50	4.4	260	25	6.8	0.0
30/11/2023 17:00	3.9	264	33	6.5	0.0
30/11/2023 17:10	3.5	267	30	5.5	0.0
30/11/2023 17:20	3.5	269	29	5.6	0.0
30/11/2023 17:30	3.5	262	19	5.4	0.0
30/11/2023 17:40	3.3	259	23	6.0	0.0
30/11/2023 17:50	3.5	261	22	5.1	0.0
30/11/2023 18:00	3.4	265	23	5.8	0.0
30/11/2023 18:10	3.5	257	19	6.0	0.0
30/11/2023 18:20	3.4	266	21	5.8	0.0
30/11/2023 18:30	4.5	257	17	6.4	0.0
30/11/2023 18:40	4.5	256	15	6.4	0.0
30/11/2023 18:50	4.4	257	18	6.8	0.0
30/11/2023 19:00	4.3	255	20	7.0	0.0
30/11/2023 19:10	4.8	254	17	7.2	0.0
30/11/2023 19:20	4.5	255	18	6.5	0.0
30/11/2023 19:30	4.2	254	17	6.7	0.0
30/11/2023 19:40	4.4	258	20	6.4	0.0
30/11/2023 19:50	3.9	262	18	6.2	0.0
30/11/2023 20:00	4.3	253	18	6.8	0.0
30/11/2023 20:10	4.3	254	17	6.4	0.0
30/11/2023 20:20	4.9	251	14	7.5	0.0
30/11/2023 20:30	4.6	251	18	6.9	0.0
30/11/2023 20:40	5.0	248	16	7.6	0.0
30/11/2023 20:50	4.9	251	16	6.8	0.0
30/11/2023 21:00	5.1	250	16	7.1	0.0
30/11/2023 21:10	4.3	253	16	7.2	0.0
30/11/2023 21:20	4.3	253	17	6.4	0.0
30/11/2023 21:30	4.9	253	15	7.2	0.0
30/11/2023 21:40	4.7	249	15	6.9	0.0
30/11/2023 21:50	4.3	242	16	6.2	0.0
30/11/2023 22:00	4.0	248	15	6.0	0.0
30/11/2023 22:10	3.8	246	19	5.7	0.0
30/11/2023 22:20	3.4	248	19	5.4	0.0
30/11/2023 22:30	3.8	241	17	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 22:40	3.3	243	20	5.6	0.0
30/11/2023 22:50	4.1	240	17	6.0	0.0
30/11/2023 23:00	3.7	241	17	5.6	0.0
30/11/2023 23:10	3.3	244	18	5.1	0.0
30/11/2023 23:20	3.5	249	18	5.0	0.0
30/11/2023 23:30	3.7	252	16	5.5	0.0
30/11/2023 23:40	3.9	251	18	6.0	0.0
30/11/2023 23:50	3.9	253	18	6.0	0.0
01/12/2023 00:00	3.6	245	19	5.6	0.0
01/12/2023 00:10	4.0	243	16	5.7	0.0
01/12/2023 00:20	3.9	250	15	5.8	0.0
01/12/2023 00:30	3.3	243	19	4.9	0.0
01/12/2023 00:40	4.0	241	17	6.4	0.0
01/12/2023 00:50	3.7	250	18	6.0	0.0
01/12/2023 01:00	3.7	251	15	5.6	0.0
01/12/2023 01:10	4.1	254	18	5.9	0.0
01/12/2023 01:20	3.7	253	18	5.6	0.0
01/12/2023 01:30	3.7	254	17	5.9	0.0
01/12/2023 01:40	3.3	258	17	4.9	0.0
01/12/2023 01:50	3.4	260	19	5.1	0.0
01/12/2023 02:00	3.2	257	19	5.1	0.0
01/12/2023 02:10	3.3	257	18	5.0	0.0
01/12/2023 02:20	3.6	257	21	5.3	0.0
01/12/2023 02:30	3.6	255	17	5.4	0.0
01/12/2023 02:40	3.4	257	18	5.5	0.0
01/12/2023 02:50	3.8	261	19	6.2	0.0
01/12/2023 03:00	4.0	256	18	6.0	0.0
01/12/2023 03:10	3.7	255	17	5.7	0.0
01/12/2023 03:20	4.2	251	16	5.6	0.0
01/12/2023 03:30	3.9	249	19	6.2	0.0
01/12/2023 03:40	3.7	250	14	5.3	0.0
01/12/2023 03:50	3.6	250	16	5.0	0.0
01/12/2023 04:00	3.7	252	15	5.8	0.0
01/12/2023 04:10	3.8	256	18	6.1	0.0
01/12/2023 04:20	3.8	257	17	5.7	0.0
01/12/2023 04:30	4.0	252	17	5.5	0.0
01/12/2023 04:40	4.1	256	18	6.5	0.0
01/12/2023 04:50	4.2	252	16	6.2	0.0
01/12/2023 05:00	4.0	254	15	6.4	0.0
01/12/2023 05:10	4.2	250	17	6.0	0.0
01/12/2023 05:20	4.0	254	17	6.1	0.0
01/12/2023 05:30	3.5	252	16	5.6	0.0
01/12/2023 05:40	3.7	246	17	5.6	0.0
01/12/2023 05:50	3.3	240	19	5.5	0.0
01/12/2023 06:00	4.0	245	20	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 06:10	4.0	250	17	5.7	0.0
01/12/2023 06:20	3.3	242	19	5.6	0.0
01/12/2023 06:30	3.7	234	19	5.8	0.0
01/12/2023 06:40	3.6	237	16	5.2	0.0
01/12/2023 06:50	4.1	239	17	6.4	0.0
01/12/2023 07:00	4.3	238	16	6.0	0.0
01/12/2023 07:10	4.2	237	17	6.4	0.0
01/12/2023 07:20	4.6	248	15	6.5	0.0
01/12/2023 07:30	4.8	245	17	7.2	0.0
01/12/2023 07:40	4.9	245	18	7.2	0.0
01/12/2023 07:50	4.5	253	18	6.4	0.0
01/12/2023 08:00	4.8	249	17	7.2	0.0
01/12/2023 08:10	5.0	246	16	7.4	0.0
01/12/2023 08:20	4.9	252	17	6.8	0.0
01/12/2023 08:30	4.3	255	19	6.7	0.0
01/12/2023 08:40	4.7	253	21	6.6	0.0
01/12/2023 08:50	4.9	246	20	7.4	0.0
01/12/2023 09:00	4.6	257	18	7.0	0.0
01/12/2023 09:10	4.9	246	19	7.2	0.0
01/12/2023 09:20	5.4	255	20	8.3	0.0
01/12/2023 09:30	5.0	255	19	7.6	0.0
01/12/2023 09:40	5.0	257	20	7.2	0.0
01/12/2023 09:50	4.5	260	21	7.8	0.0
01/12/2023 10:00	4.8	258	18	6.8	0.0
01/12/2023 10:10	4.7	258	22	7.2	0.0
01/12/2023 10:20	5.3	252	20	7.2	0.0
01/12/2023 10:30	5.7	251	15	8.7	0.0
01/12/2023 10:40	5.8	250	16	8.2	0.0
01/12/2023 10:50	5.3	253	19	7.4	0.0
01/12/2023 11:00	5.3	247	19	7.9	0.0
01/12/2023 11:10	5.9	251	18	8.5	0.0
01/12/2023 11:20	5.9	247	17	8.9	0.0
01/12/2023 11:30	6.2	250	18	9.1	0.0
01/12/2023 11:40	5.8	251	18	8.7	0.0
01/12/2023 11:50	6.3	247	16	9.0	0.0
01/12/2023 12:00	5.8	251	19	8.4	0.0
01/12/2023 12:10	6.1	248	15	8.6	0.0
01/12/2023 12:20	5.6	252	18	8.3	0.0
01/12/2023 12:30	6.3	247	17	8.9	0.0
01/12/2023 12:40	6.1	250	18	8.3	0.0
01/12/2023 12:50	6.9	244	16	9.1	0.0
01/12/2023 13:00	6.1	247	16	8.5	0.0
01/12/2023 13:10	6.5	245	16	8.5	0.0
01/12/2023 13:20	6.3	246	17	8.7	0.0
01/12/2023 13:30	6.5	242	15	8.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 13:40	6.0	238	16	8.0	0.0
01/12/2023 13:50	5.9	246	17	8.8	0.0
01/12/2023 14:00	5.5	250	18	7.9	0.0
01/12/2023 14:10	4.0	260	26	7.2	0.0
01/12/2023 14:20	3.3	274	37	5.2	0.0
01/12/2023 14:30	3.2	283	40	5.2	0.0
01/12/2023 14:40	3.5	274	35	6.4	0.0
01/12/2023 14:50	4.7	256	19	7.1	0.0
01/12/2023 15:00	6.0	250	16	8.6	0.0
01/12/2023 15:10	5.8	250	16	8.3	0.0
01/12/2023 15:20	6.4	245	16	9.0	0.0
01/12/2023 15:30	6.2	250	17	8.9	0.0
01/12/2023 15:40	6.4	243	17	8.5	0.0
01/12/2023 15:50	6.6	246	14	9.6	0.0
01/12/2023 16:00	6.0	247	17	8.7	0.0
01/12/2023 16:10	6.4	250	17	9.6	0.0
01/12/2023 16:20	5.6	248	19	8.6	0.0
01/12/2023 16:30	4.5	259	22	6.8	0.0
01/12/2023 16:40	3.5	269	28	6.4	0.0
01/12/2023 16:50	4.1	269	27	7.1	0.0
01/12/2023 17:00	4.1	269	30	6.9	0.0
01/12/2023 17:10	3.6	270	34	5.8	0.0
01/12/2023 17:20	4.1	263	22	6.4	0.0
01/12/2023 17:30	3.9	265	25	6.5	0.0
01/12/2023 17:40	3.6	262	24	7.2	0.0
01/12/2023 17:50	3.6	267	26	6.0	0.0
01/12/2023 18:00	4.1	267	28	6.4	0.0
01/12/2023 18:10	3.9	267	27	6.0	0.0
01/12/2023 18:20	3.4	270	27	5.6	0.0
01/12/2023 18:30	3.5	262	25	5.9	0.0
01/12/2023 18:40	3.3	270	29	6.0	0.0
01/12/2023 18:50	3.6	264	25	5.9	0.0
01/12/2023 19:00	3.5	259	20	5.9	0.0
01/12/2023 19:10	3.2	273	32	5.2	0.0
01/12/2023 19:20	3.6	265	24	5.4	0.0
01/12/2023 19:30	3.5	270	32	6.1	0.0
01/12/2023 19:40	3.3	263	24	5.9	0.0
01/12/2023 19:50	3.3	265	24	6.8	0.0
01/12/2023 20:00	3.8	261	19	6.4	0.0
01/12/2023 20:10	5.0	252	17	8.3	0.0
01/12/2023 20:20	5.2	257	15	7.2	0.0
01/12/2023 20:30	5.1	254	15	8.1	0.0
01/12/2023 20:40	5.2	256	18	7.6	0.0
01/12/2023 20:50	4.7	255	19	7.8	0.0
01/12/2023 21:00	5.1	255	15	7.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/12/2023 21:10	4.4	252	19	6.4	0.0
01/12/2023 21:20	4.4	252	19	6.8	0.0
01/12/2023 21:30	3.9	263	23	6.0	0.0
01/12/2023 21:40	4.5	257	19	6.8	0.0
01/12/2023 21:50	4.9	252	18	7.2	0.0
01/12/2023 22:00	4.6	254	16	7.6	0.0
01/12/2023 22:10	4.4	248	16	7.0	0.0
01/12/2023 22:20	4.4	251	18	6.6	0.0
01/12/2023 22:30	5.2	250	17	8.0	0.0
01/12/2023 22:40	5.0	252	17	7.8	0.0
01/12/2023 22:50	5.2	251	16	8.2	0.0
01/12/2023 23:00	5.0	249	17	7.4	0.0
01/12/2023 23:10	4.6	253	17	6.4	0.0
01/12/2023 23:20	4.9	253	17	7.4	0.0
01/12/2023 23:30	4.4	255	20	6.8	0.0
01/12/2023 23:40	4.4	252	19	7.7	0.0
01/12/2023 23:50	4.3	252	16	7.1	0.0
02/12/2023 00:00	4.6	252	14	7.0	0.0
02/12/2023 00:10	4.5	249	17	6.8	0.0
02/12/2023 00:20	4.5	251	16	7.4	0.0
02/12/2023 00:30	4.4	247	18	6.8	0.0
02/12/2023 00:40	4.5	251	19	6.6	0.0
02/12/2023 00:50	4.5	250	17	6.4	0.0
02/12/2023 01:00	4.9	253	18	7.2	0.0
02/12/2023 01:10	4.6	240	16	6.9	0.0
02/12/2023 01:20	4.4	243	17	7.0	0.0
02/12/2023 01:30	4.3	248	18	6.6	0.0
02/12/2023 01:40	3.7	249	20	6.0	0.0
02/12/2023 01:50	4.5	243	19	6.4	0.0
02/12/2023 02:00	4.0	244	20	6.0	0.0
02/12/2023 02:10	4.0	248	22	6.4	0.0
02/12/2023 02:20	4.5	241	18	6.5	0.0
02/12/2023 02:30	4.0	234	17	5.9	0.0
02/12/2023 02:40	3.9	242	16	5.6	0.0
02/12/2023 02:50	4.2	239	17	6.1	0.0
02/12/2023 03:00	4.8	240	16	6.5	0.0
02/12/2023 03:10	4.6	237	15	6.4	0.0
02/12/2023 03:20	4.6	238	17	6.7	0.0
02/12/2023 03:30	4.1	236	20	6.1	0.0
02/12/2023 03:40	4.1	236	19	6.4	0.0
02/12/2023 03:50	4.4	239	19	6.4	0.0
02/12/2023 04:00	4.8	235	17	6.8	0.0
02/12/2023 04:10	4.9	236	16	7.4	0.0
02/12/2023 04:20	4.5	236	17	6.4	0.0
02/12/2023 04:30	4.1	237	19	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 04:40	3.8	239	19	5.6	0.0
02/12/2023 04:50	3.4	244	17	5.5	0.0
02/12/2023 05:00	3.5	240	20	5.6	0.0
02/12/2023 05:10	3.6	233	19	5.6	0.0
02/12/2023 05:20	3.3	243	20	5.0	0.0
02/12/2023 05:30	4.0	234	18	5.9	0.0
02/12/2023 05:40	3.4	234	15	5.1	0.0
02/12/2023 05:50	3.2	239	17	5.2	0.0
02/12/2023 06:00	3.4	238	17	5.0	0.0
02/12/2023 06:10	4.3	248	15	6.3	0.0
02/12/2023 06:20	4.4	249	16	6.4	0.0
02/12/2023 06:30	4.3	242	19	6.0	0.0
02/12/2023 06:40	4.3	248	18	6.6	0.0
02/12/2023 06:50	4.3	249	15	6.2	0.0
02/12/2023 07:00	4.2	245	18	6.5	0.0
02/12/2023 07:10	4.3	244	18	6.3	0.0
02/12/2023 07:20	4.4	242	15	6.2	0.0
02/12/2023 07:30	4.5	246	15	6.0	0.0
02/12/2023 07:40	4.6	251	17	7.0	0.0
02/12/2023 07:50	4.7	242	16	6.2	0.0
02/12/2023 08:00	4.8	255	16	6.5	0.0
02/12/2023 08:10	4.5	244	17	6.0	0.0
02/12/2023 08:20	4.6	249	17	6.1	0.0
02/12/2023 08:30	4.6	249	19	6.5	0.0
02/12/2023 08:40	4.1	254	16	6.2	0.0
02/12/2023 08:50	4.0	252	19	5.8	0.0
02/12/2023 09:00	4.8	247	17	6.8	0.0
02/12/2023 09:10	5.2	251	15	7.6	0.0
02/12/2023 09:20	4.9	259	18	7.2	0.0
02/12/2023 09:30	5.1	254	20	7.2	0.0
02/12/2023 09:40	4.7	249	17	7.3	0.0
02/12/2023 09:50	5.1	256	20	6.9	0.0
02/12/2023 10:00	5.0	252	17	7.4	0.0
02/12/2023 10:10	4.8	250	19	6.8	0.0
02/12/2023 10:20	5.2	249	18	7.5	0.0
02/12/2023 10:30	5.7	243	16	8.4	0.0
02/12/2023 10:40	5.6	249	18	8.7	0.0
02/12/2023 10:50	5.9	247	19	8.5	0.0
02/12/2023 11:00	5.3	251	19	7.8	0.0
02/12/2023 11:10	5.5	249	18	7.8	0.0
02/12/2023 11:20	5.6	249	19	8.1	0.0
02/12/2023 11:30	5.8	249	16	8.6	0.0
02/12/2023 11:40	5.7	245	15	7.5	0.0
02/12/2023 11:50	5.9	249	17	8.5	0.0
02/12/2023 12:00	5.2	254	23	7.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 12:10	6.1	246	15	9.9	0.0
02/12/2023 12:20	5.8	249	19	8.2	0.0
02/12/2023 12:30	5.6	255	18	9.1	0.0
02/12/2023 12:40	6.0	246	19	8.4	0.0
02/12/2023 12:50	5.7	247	18	8.2	0.0
02/12/2023 13:00	5.7	248	18	7.9	0.0
02/12/2023 13:10	5.2	254	21	8.1	0.0
02/12/2023 13:20	5.9	246	17	8.9	0.0
02/12/2023 13:30	6.2	244	16	8.3	0.0
02/12/2023 13:40	5.1	252	22	8.2	0.0
02/12/2023 13:50	3.7	274	35	6.5	0.0
02/12/2023 14:00	3.9	278	36	6.6	0.0
02/12/2023 14:10	4.1	294	41	7.5	0.0
02/12/2023 14:20	3.5	276	43	6.6	0.0
02/12/2023 14:30	3.8	297	40	7.7	0.0
02/12/2023 14:40	4.0	290	44	6.3	0.0
02/12/2023 14:50	4.2	273	37	7.2	0.0
02/12/2023 15:00	4.3	265	31	7.1	0.0
02/12/2023 15:10	3.9	287	43	6.5	0.0
02/12/2023 15:20	4.0	272	38	6.2	0.0
02/12/2023 15:30	4.4	259	29	6.7	0.0
02/12/2023 15:40	4.0	278	33	6.0	0.0
02/12/2023 15:50	4.1	278	33	6.4	0.0
02/12/2023 16:00	3.7	283	36	6.9	0.0
02/12/2023 16:10	4.1	261	26	6.8	0.0
02/12/2023 16:20	3.8	277	34	7.4	0.0
02/12/2023 16:30	3.8	274	35	6.2	0.0
02/12/2023 16:40	3.9	281	38	6.0	0.0
02/12/2023 16:50	4.1	265	32	6.8	0.0
02/12/2023 17:00	3.7	266	30	6.8	0.0
02/12/2023 17:10	3.7	276	36	6.0	0.0
02/12/2023 17:20	4.0	264	28	6.4	0.0
02/12/2023 17:30	3.8	266	26	6.8	0.0
02/12/2023 17:40	4.4	261	23	7.0	0.0
02/12/2023 17:50	3.1	268	27	5.5	0.0
02/12/2023 18:00	4.3	257	22	6.7	0.0
02/12/2023 18:10	3.5	264	25	5.9	0.0
02/12/2023 18:20	3.6	263	26	6.0	0.0
02/12/2023 18:30	3.5	266	22	5.8	0.0
02/12/2023 18:40	3.2	266	27	5.5	0.0
02/12/2023 18:50	3.2	261	26	4.8	0.0
02/12/2023 19:00	3.1	265	27	5.4	0.0
02/12/2023 19:10	3.3	262	27	5.2	0.0
02/12/2023 19:20	3.1	259	23	4.5	0.0
02/12/2023 19:30	3.3	257	24	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/12/2023 19:40	3.1	263	22	5.2	0.0
02/12/2023 19:50	3.0	265	26	4.8	0.0
02/12/2023 20:00	3.2	255	23	5.6	0.0
02/12/2023 20:10	2.9	259	23	4.9	0.0
02/12/2023 20:20	2.7	258	29	4.7	0.0
02/12/2023 20:30	3.3	258	21	5.6	0.0
02/12/2023 20:40	3.7	254	20	6.4	0.0
02/12/2023 20:50	3.7	252	16	5.9	0.0
02/12/2023 21:00	3.1	258	19	4.8	0.0
02/12/2023 21:10	3.2	257	17	5.0	0.0
02/12/2023 21:20	3.1	255	16	5.1	0.0
02/12/2023 21:30	3.7	258	21	5.8	0.0
02/12/2023 21:40	3.5	255	18	6.3	0.0
02/12/2023 21:50	3.6	251	19	5.3	0.0
02/12/2023 22:00	3.6	252	21	5.0	0.0
02/12/2023 22:10	3.3	258	18	5.4	0.0
02/12/2023 22:20	2.9	259	18	4.6	0.0
02/12/2023 22:30	3.1	257	21	4.4	0.0
02/12/2023 22:40	3.2	253	17	4.8	0.0
02/12/2023 22:50	3.1	251	16	4.8	0.0
02/12/2023 23:00	3.0	255	19	4.4	0.0
02/12/2023 23:10	2.3	256	20	4.2	0.0
02/12/2023 23:20	3.1	249	16	4.5	0.0
02/12/2023 23:30	2.8	254	20	4.4	0.0
02/12/2023 23:40	3.6	250	15	4.9	0.0
02/12/2023 23:50	3.3	250	20	4.8	0.0
03/12/2023 00:00	3.5	249	13	4.9	0.0
03/12/2023 00:10	3.2	257	18	5.6	0.0
03/12/2023 00:20	3.3	251	17	5.6	0.0
03/12/2023 00:30	3.2	253	18	5.0	0.0
03/12/2023 00:40	3.3	253	20	5.1	0.0
03/12/2023 00:50	3.0	251	17	4.4	0.0
03/12/2023 01:00	2.8	257	18	4.8	0.0
03/12/2023 01:10	2.8	257	19	4.8	0.0
03/12/2023 01:20	3.2	252	17	4.7	0.0
03/12/2023 01:30	3.6	251	18	5.1	0.0
03/12/2023 01:40	3.5	252	15	5.1	0.0
03/12/2023 01:50	3.4	252	19	5.6	0.0
03/12/2023 02:00	3.6	251	16	5.0	0.0
03/12/2023 02:10	3.1	250	14	4.9	0.0
03/12/2023 02:20	3.2	257	18	4.5	0.0
03/12/2023 02:30	2.9	254	20	4.1	0.0
03/12/2023 02:40	3.1	253	18	4.5	0.0
03/12/2023 02:50	3.2	255	17	4.6	0.0
03/12/2023 03:00	3.3	254	14	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 03:10	3.3	256	19	4.8	0.0
03/12/2023 03:20	3.4	254	16	5.2	0.0
03/12/2023 03:30	3.2	256	17	4.7	0.0
03/12/2023 03:40	3.5	253	16	5.7	0.0
03/12/2023 03:50	3.6	252	17	5.2	0.0
03/12/2023 04:00	3.4	251	16	4.8	0.0
03/12/2023 04:10	3.4	255	14	5.0	0.0
03/12/2023 04:20	3.7	254	16	5.6	0.0
03/12/2023 04:30	3.2	249	17	4.5	0.0
03/12/2023 04:40	3.5	252	18	5.0	0.0
03/12/2023 04:50	3.1	256	17	4.8	0.0
03/12/2023 05:00	3.3	255	17	5.0	0.0
03/12/2023 05:10	3.1	256	14	4.6	0.0
03/12/2023 05:20	3.0	251	16	4.6	0.0
03/12/2023 05:30	3.0	255	18	4.4	0.0
03/12/2023 05:40	3.1	259	15	4.4	0.0
03/12/2023 05:50	3.0	253	17	4.3	0.0
03/12/2023 06:00	3.0	251	15	4.7	0.0
03/12/2023 06:10	2.9	254	18	4.5	0.0
03/12/2023 06:20	3.7	252	16	5.6	0.0
03/12/2023 06:30	3.3	253	18	4.8	0.0
03/12/2023 06:40	4.3	251	16	6.2	0.0
03/12/2023 06:50	4.1	246	17	5.9	0.0
03/12/2023 07:00	3.9	244	17	6.0	0.0
03/12/2023 07:10	4.3	247	18	6.0	0.0
03/12/2023 07:20	3.9	253	21	5.7	0.0
03/12/2023 07:30	3.7	260	19	5.4	0.0
03/12/2023 07:40	3.9	251	17	5.6	0.0
03/12/2023 07:50	4.5	248	18	6.6	0.0
03/12/2023 08:00	4.8	249	16	6.9	0.0
03/12/2023 08:10	4.6	247	15	6.7	0.0
03/12/2023 08:20	4.3	249	18	6.6	0.0
03/12/2023 08:30	4.4	246	19	6.4	0.0
03/12/2023 08:40	4.2	246	21	6.3	0.0
03/12/2023 08:50	4.5	244	19	6.8	0.0
03/12/2023 09:00	4.5	247	19	6.8	0.0
03/12/2023 09:10	4.6	246	18	7.0	0.0
03/12/2023 09:20	4.5	248	22	6.3	0.0
03/12/2023 09:30	4.2	249	21	6.8	0.0
03/12/2023 09:40	4.5	241	22	6.8	0.0
03/12/2023 09:50	4.3	244	19	6.5	0.0
03/12/2023 10:00	4.7	234	17	6.9	0.0
03/12/2023 10:10	4.6	236	15	6.6	0.0
03/12/2023 10:20	4.1	253	22	6.0	0.0
03/12/2023 10:30	3.8	247	23	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 10:40	3.9	241	20	5.3	0.0
03/12/2023 10:50	2.9	268	33	4.6	0.0
03/12/2023 11:00	2.7	299	39	4.7	0.0
03/12/2023 11:10	2.8	283	40	4.6	0.0
03/12/2023 11:20	2.8	299	43	4.4	0.0
03/12/2023 11:30	3.0	324	29	4.8	0.0
03/12/2023 11:40	3.6	342	34	5.9	0.0
03/12/2023 11:50	4.0	319	30	6.0	0.0
03/12/2023 12:00	3.6	320	36	5.6	0.0
03/12/2023 12:10	4.0	310	36	6.8	0.0
03/12/2023 12:20	4.0	313	34	7.5	0.0
03/12/2023 12:30	4.1	320	29	6.7	0.0
03/12/2023 12:40	3.8	308	36	6.4	0.0
03/12/2023 12:50	3.8	315	32	5.8	0.0
03/12/2023 13:00	3.5	303	45	6.4	0.0
03/12/2023 13:10	3.2	302	47	6.1	0.0
03/12/2023 13:20	3.9	320	32	6.4	0.0
03/12/2023 13:30	3.5	320	33	6.3	0.0
03/12/2023 13:40	3.8	320	32	6.0	0.0
03/12/2023 13:50	3.7	307	34	6.4	0.0
03/12/2023 14:00	3.8	323	34	6.0	0.0
03/12/2023 14:10	3.8	321	27	6.1	0.0
03/12/2023 14:20	3.6	302	40	6.0	0.0
03/12/2023 14:30	3.1	311	45	5.3	0.0
03/12/2023 14:40	3.4	302	40	6.0	0.0
03/12/2023 14:50	3.4	298	49	6.0	0.0
03/12/2023 15:00	3.9	307	38	6.0	0.0
03/12/2023 15:10	4.0	315	43	6.8	0.0
03/12/2023 15:20	3.3	288	43	5.7	0.0
03/12/2023 15:30	3.3	316	35	5.7	0.0
03/12/2023 15:40	3.5	293	46	5.6	0.0
03/12/2023 15:50	2.7	297	41	4.9	0.0
03/12/2023 16:00	3.3	304	42	5.6	0.0
03/12/2023 16:10	3.2	308	39	5.6	0.0
03/12/2023 16:20	3.2	284	37	5.3	0.0
03/12/2023 16:30	3.3	294	37	6.0	0.0
03/12/2023 16:40	3.4	288	43	5.9	0.0
03/12/2023 16:50	3.6	267	35	6.8	0.0
03/12/2023 17:00	3.0	295	41	5.5	0.0
03/12/2023 17:10	3.2	278	43	6.0	0.0
03/12/2023 17:20	3.2	300	40	5.9	0.0
03/12/2023 17:30	3.3	285	36	5.8	0.0
03/12/2023 17:40	2.8	294	47	5.2	0.0
03/12/2023 17:50	3.2	291	43	5.9	0.0
03/12/2023 18:00	3.0	294	47	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/12/2023 18:10	3.1	300	42	5.5	0.0
03/12/2023 18:20	2.7	279	43	5.0	0.0
03/12/2023 18:30	3.1	288	36	5.2	0.0
03/12/2023 18:40	3.0	296	40	5.2	0.0
03/12/2023 18:50	2.7	271	38	4.8	0.0
03/12/2023 19:00	2.8	262	36	5.2	0.0
03/12/2023 19:10	2.8	271	40	5.5	0.0
03/12/2023 19:20	2.7	275	43	4.8	0.0
03/12/2023 19:30	2.9	270	36	4.8	0.0
03/12/2023 19:40	3.0	267	37	5.2	0.0
03/12/2023 19:50	3.0	266	32	4.8	0.0
03/12/2023 20:00	3.4	259	31	5.9	0.0
03/12/2023 20:10	2.9	262	36	5.1	0.0
03/12/2023 20:20	3.6	257	24	5.9	0.0
03/12/2023 20:30	3.0	256	26	5.0	0.0
03/12/2023 20:40	2.8	262	28	4.8	0.0
03/12/2023 20:50	3.2	252	16	4.7	0.0
03/12/2023 21:00	3.3	254	17	5.2	0.0
03/12/2023 21:10	3.4	246	19	5.8	0.0
03/12/2023 21:20	3.2	253	22	5.2	0.0
03/12/2023 21:30	3.6	245	18	5.3	0.0
03/12/2023 21:40	3.5	250	17	4.7	0.0
03/12/2023 21:50	3.3	254	16	5.2	0.0
03/12/2023 22:00	3.3	247	17	4.6	0.0
03/12/2023 22:10	3.7	250	16	5.4	0.0
03/12/2023 22:20	3.7	255	17	5.2	0.0
03/12/2023 22:30	3.0	258	19	4.6	0.0
03/12/2023 22:40	3.2	248	17	4.6	0.0
03/12/2023 22:50	2.7	248	18	4.3	0.0
03/12/2023 23:00	2.1	289	36	3.7	0.0
03/12/2023 23:10	2.2	267	29	3.6	0.0
03/12/2023 23:20	1.5	268	41	3.0	0.0
03/12/2023 23:30	2.1	263	27	3.7	0.0
03/12/2023 23:40	1.8	265	30	3.4	0.0
03/12/2023 23:50	2.0	264	35	3.2	0.0
04/12/2023 00:00	2.0	255	26	3.4	0.0
04/12/2023 00:10	2.1	262	24	3.7	0.0
04/12/2023 00:20	2.4	258	19	3.6	0.0
04/12/2023 00:30	2.8	257	15	4.1	0.0
04/12/2023 00:40	2.9	261	18	4.2	0.0
04/12/2023 00:50	3.0	254	19	4.4	0.0
04/12/2023 01:00	3.2	256	16	5.7	0.0
04/12/2023 01:10	3.2	255	16	4.7	0.0
04/12/2023 01:20	3.0	256	19	5.0	0.0
04/12/2023 01:30	3.0	256	19	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 01:40	2.6	260	20	4.6	0.0
04/12/2023 01:50	2.9	256	17	4.2	0.0
04/12/2023 02:00	3.2	245	15	5.1	0.0
04/12/2023 02:10	2.9	248	18	4.0	0.0
04/12/2023 02:20	2.7	251	18	4.2	0.0
04/12/2023 02:30	2.8	255	16	4.3	0.0
04/12/2023 02:40	3.1	250	18	4.7	0.0
04/12/2023 02:50	3.3	247	17	4.8	0.0
04/12/2023 03:00	3.5	253	17	5.1	0.0
04/12/2023 03:10	3.1	254	18	4.8	0.0
04/12/2023 03:20	2.6	256	18	4.0	0.0
04/12/2023 03:30	2.9	259	19	4.4	0.0
04/12/2023 03:40	3.2	259	19	4.8	0.0
04/12/2023 03:50	3.2	260	17	5.0	0.0
04/12/2023 04:00	3.3	251	16	5.4	0.0
04/12/2023 04:10	2.6	251	19	4.0	0.0
04/12/2023 04:20	2.7	249	19	4.2	0.0
04/12/2023 04:30	3.1	252	14	4.4	0.0
04/12/2023 04:40	2.2	247	23	3.2	0.0
04/12/2023 04:50	3.0	259	16	4.7	0.0
04/12/2023 05:00	2.6	240	20	4.0	0.0
04/12/2023 05:10	2.3	248	19	4.3	0.0
04/12/2023 05:20	2.1	247	19	3.2	0.0
04/12/2023 05:30	2.1	247	24	3.3	0.0
04/12/2023 05:40	2.0	250	17	3.2	0.0
04/12/2023 05:50	2.1	250	19	3.3	0.0
04/12/2023 06:00	1.9	254	19	2.7	0.0
04/12/2023 06:10	1.4	258	20	2.4	0.0
04/12/2023 06:20	1.3	246	23	2.1	0.0
04/12/2023 06:30	1.4	271	31	2.6	0.0
04/12/2023 06:40	1.2	266	27	2.0	0.0
04/12/2023 06:50	1.3	280	29	2.3	0.0
04/12/2023 07:00	1.2	292	28	2.1	0.0
04/12/2023 07:10	1.1	280	43	2.0	0.0
04/12/2023 07:20	1.9	245	23	3.1	0.0
04/12/2023 07:30	1.2	314	60	2.1	0.0
04/12/2023 07:40	1.7	286	37	2.8	0.0
04/12/2023 07:50	1.5	337	36	2.3	0.0
04/12/2023 08:00	1.5	328	37	3.0	0.0
04/12/2023 08:10	1.2	319	33	2.1	0.0
04/12/2023 08:20	1.5	343	41	2.8	0.0
04/12/2023 08:30	1.7	353	34	2.8	0.0
04/12/2023 08:40	1.8	169	31	2.9	0.0
04/12/2023 08:50	1.8	174	36	3.3	0.0
04/12/2023 09:00	2.1	351	30	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 09:10	2.0	340	36	3.2	0.0
04/12/2023 09:20	2.3	340	40	3.9	0.0
04/12/2023 09:30	2.1	330	36	4.0	0.0
04/12/2023 09:40	2.2	322	43	4.0	0.0
04/12/2023 09:50	2.5	316	41	4.9	0.0
04/12/2023 10:00	2.4	314	45	4.1	0.0
04/12/2023 10:10	2.7	306	42	5.2	0.0
04/12/2023 10:20	2.7	298	46	4.8	0.0
04/12/2023 10:30	2.4	325	36	4.4	0.0
04/12/2023 10:40	2.4	314	52	4.4	0.0
04/12/2023 10:50	2.4	309	49	5.0	0.0
04/12/2023 11:00	2.4	332	33	3.8	0.0
04/12/2023 11:10	2.4	337	29	4.3	0.0
04/12/2023 11:20	2.7	333	31	4.7	0.0
04/12/2023 11:30	3.0	291	51	5.2	0.0
04/12/2023 11:40	3.0	315	33	5.1	0.0
04/12/2023 11:50	2.5	320	37	4.6	0.0
04/12/2023 12:00	2.3	294	51	4.0	0.0
04/12/2023 12:10	2.8	304	42	4.8	0.0
04/12/2023 12:20	3.0	293	48	5.6	0.0
04/12/2023 12:30	2.8	308	54	4.9	0.0
04/12/2023 12:40	3.2	326	37	5.2	0.0
04/12/2023 12:50	3.4	331	32	5.8	0.0
04/12/2023 13:00	2.6	292	52	4.7	0.0
04/12/2023 13:10	2.4	314	49	4.4	0.0
04/12/2023 13:20	3.0	327	46	5.6	0.0
04/12/2023 13:30	3.1	328	40	5.4	0.0
04/12/2023 13:40	3.3	323	35	5.3	0.0
04/12/2023 13:50	2.7	324	46	5.6	0.0
04/12/2023 14:00	2.9	342	32	4.9	0.0
04/12/2023 14:10	3.1	314	42	5.0	0.0
04/12/2023 14:20	2.9	325	37	4.8	0.0
04/12/2023 14:30	3.1	327	40	5.8	0.0
04/12/2023 14:40	3.1	311	42	5.3	0.0
04/12/2023 14:50	2.8	298	42	4.8	0.0
04/12/2023 15:00	2.7	310	52	4.9	0.0
04/12/2023 15:10	2.8	290	46	5.2	0.0
04/12/2023 15:20	3.0	299	43	5.8	0.0
04/12/2023 15:30	3.2	297	37	5.2	0.0
04/12/2023 15:40	3.0	290	42	5.9	0.0
04/12/2023 15:50	3.5	277	41	6.0	0.0
04/12/2023 16:00	3.5	283	34	6.0	0.0
04/12/2023 16:10	3.3	312	43	5.6	0.0
04/12/2023 16:20	3.2	307	43	6.4	0.0
04/12/2023 16:30	3.1	292	40	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/12/2023 16:40	3.3	299	47	6.0	0.0
04/12/2023 16:50	3.1	298	48	5.7	0.0
04/12/2023 17:00	3.2	289	37	5.6	0.0
04/12/2023 17:10	3.4	313	33	5.3	0.0
04/12/2023 17:20	2.7	291	57	5.1	0.0
04/12/2023 17:30	2.9	297	50	4.7	0.0
04/12/2023 17:40	3.1	292	44	5.5	0.0
04/12/2023 17:50	3.1	309	39	5.9	0.0
04/12/2023 18:00	3.3	307	37	5.3	0.0
04/12/2023 18:10	3.0	306	36	5.5	0.0
04/12/2023 18:20	2.8	286	38	4.8	0.0
04/12/2023 18:30	2.9	266	35	5.0	0.0
04/12/2023 18:40	2.6	286	32	4.2	0.0
04/12/2023 18:50	2.8	275	29	4.5	0.0
04/12/2023 19:00	2.9	264	30	4.7	0.0
04/12/2023 19:10	2.4	250	22	3.6	0.0
04/12/2023 19:20	2.6	257	19	3.6	0.0
04/12/2023 19:30	2.7	262	19	3.8	0.0
04/12/2023 19:40	2.6	254	22	4.4	0.0
04/12/2023 19:50	2.5	263	29	4.4	0.0
04/12/2023 20:00	1.9	274	44	3.6	0.0
04/12/2023 20:10	2.3	272	30	3.7	0.0
04/12/2023 20:20	3.0	256	19	4.4	0.0
04/12/2023 20:30	2.3	259	35	4.0	0.0
04/12/2023 20:40	2.5	260	25	4.0	0.0
04/12/2023 20:50	2.8	256	20	4.7	0.0
04/12/2023 21:00	3.9	256	16	6.1	0.0
04/12/2023 21:10	3.9	257	16	5.7	0.0
04/12/2023 21:20	4.4	257	14	5.9	0.0
04/12/2023 21:30	4.2	256	19	6.4	0.0
04/12/2023 21:40	4.3	255	15	6.1	0.0
04/12/2023 21:50	4.4	256	16	6.4	0.0
04/12/2023 22:00	4.0	251	15	5.4	0.0
04/12/2023 22:10	4.1	249	15	5.9	0.0
04/12/2023 22:20	4.2	253	16	5.9	0.0
04/12/2023 22:30	3.6	253	19	5.2	0.0
04/12/2023 22:40	3.0	239	18	4.7	0.0
04/12/2023 22:50	3.2	246	16	4.4	0.0
04/12/2023 23:00	3.6	247	16	5.3	0.0
04/12/2023 23:10	3.5	247	17	5.5	0.0
04/12/2023 23:20	4.0	245	17	6.1	0.0
04/12/2023 23:30	3.8	250	19	5.3	0.0
04/12/2023 23:40	3.9	245	20	6.0	0.0
04/12/2023 23:50	4.1	252	17	6.0	0.0
05/12/2023 00:00	3.4	249	18	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 00:10	3.9	240	16	5.8	0.0
05/12/2023 00:20	3.8	237	15	5.6	0.0
05/12/2023 00:30	3.2	244	17	4.9	0.0
05/12/2023 00:40	3.5	244	17	5.2	0.0
05/12/2023 00:50	3.3	240	16	4.8	0.0
05/12/2023 01:00	2.5	241	19	3.9	0.0
05/12/2023 01:10	1.6	233	28	2.6	0.0
05/12/2023 01:20	1.7	51	19	3.2	0.0
05/12/2023 01:30	0.5	49	21	1.2	0.0
05/12/2023 01:40	1.3	143	24	2.2	0.0
05/12/2023 01:50	1.5	231	41	2.5	0.0
05/12/2023 02:00	1.6	168	33	2.6	0.0
05/12/2023 02:10	1.9	245	15	3.0	0.0
05/12/2023 02:20	0.6	236	16	1.7	0.0
05/12/2023 02:30	2.1	256	17	3.0	0.0
05/12/2023 02:40	1.8	248	16	2.7	0.0
05/12/2023 02:50	2.2	249	17	3.2	0.0
05/12/2023 03:00	2.2	243	16	3.6	0.0
05/12/2023 03:10	2.9	259	16	4.0	0.0
05/12/2023 03:20	1.9	262	23	3.2	0.0
05/12/2023 03:30	2.6	246	17	3.8	0.0
05/12/2023 03:40	2.3	265	20	3.6	0.0
05/12/2023 03:50	2.6	256	15	3.7	0.0
05/12/2023 04:00	3.2	256	17	4.8	0.0
05/12/2023 04:10	2.9	256	17	4.1	0.0
05/12/2023 04:20	2.4	259	19	3.6	0.0
05/12/2023 04:30	1.4	165	36	2.2	0.0
05/12/2023 04:40	1.3	161	43	2.3	0.0
05/12/2023 04:50	2.1	251	17	3.1	0.0
05/12/2023 05:00	1.4	127	44	2.5	0.0
05/12/2023 05:10	0.9	291	49	1.6	0.0
05/12/2023 05:20	0.9	182	20	1.8	0.0
05/12/2023 05:30	1.7	197	52	2.5	0.0
05/12/2023 05:40	1.6	166	32	3.1	0.0
05/12/2023 05:50	2.2	163	40	3.4	0.0
05/12/2023 06:00	1.8	159	31	3.4	0.0
05/12/2023 06:10	1.5	180	44	2.6	0.0
05/12/2023 06:20	1.6	170	41	2.6	0.0
05/12/2023 06:30	1.5	166	50	2.8	0.0
05/12/2023 06:40	1.5	190	43	2.4	0.0
05/12/2023 06:50	1.8	238	28	2.7	0.0
05/12/2023 07:00	2.1	260	34	3.2	0.0
05/12/2023 07:10	2.2	235	23	3.3	0.0
05/12/2023 07:20	2.7	249	24	4.0	0.0
05/12/2023 07:30	2.1	251	34	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 07:40	2.1	267	38	3.6	0.0
05/12/2023 07:50	2.1	269	36	3.3	0.0
05/12/2023 08:00	1.6	302	37	2.8	0.0
05/12/2023 08:10	2.1	282	43	3.7	0.0
05/12/2023 08:20	2.4	311	32	4.1	0.0
05/12/2023 08:30	2.3	298	52	3.5	0.0
05/12/2023 08:40	2.0	289	46	3.9	0.0
05/12/2023 08:50	2.6	301	49	4.4	0.0
05/12/2023 09:00	2.3	314	51	4.3	0.0
05/12/2023 09:10	2.0	329	48	3.8	0.0
05/12/2023 09:20	2.4	335	29	4.0	0.0
05/12/2023 09:30	2.4	338	29	3.8	0.0
05/12/2023 09:40	2.8	318	29	4.8	0.0
05/12/2023 09:50	3.1	294	49	5.4	0.0
05/12/2023 10:00	2.9	294	48	4.8	0.0
05/12/2023 10:10	2.7	298	45	5.1	0.0
05/12/2023 10:20	3.1	309	36	5.3	0.0
05/12/2023 10:30	3.5	307	34	5.3	0.0
05/12/2023 10:40	3.8	302	27	6.0	0.0
05/12/2023 10:50	3.2	303	33	5.6	0.0
05/12/2023 11:00	2.9	305	43	4.7	0.0
05/12/2023 11:10	3.2	300	41	5.0	0.0
05/12/2023 11:20	2.8	286	51	6.0	0.0
05/12/2023 11:30	3.2	291	42	5.6	0.0
05/12/2023 11:40	3.7	310	39	5.8	0.0
05/12/2023 11:50	3.1	281	39	6.2	0.0
05/12/2023 12:00	3.3	274	36	5.7	0.0
05/12/2023 12:10	3.1	295	36	5.7	0.0
05/12/2023 12:20	3.8	317	29	6.8	0.0
05/12/2023 12:30	3.7	311	35	5.7	0.0
05/12/2023 12:40	3.5	312	36	5.6	0.0
05/12/2023 12:50	3.2	272	30	5.1	0.0
05/12/2023 13:00	2.9	280	37	4.8	0.0
05/12/2023 13:10	3.1	281	35	5.3	0.0
05/12/2023 13:20	3.3	269	31	5.8	0.0
05/12/2023 13:30	3.1	282	37	4.9	0.0
05/12/2023 13:40	3.4	268	27	5.3	0.0
05/12/2023 13:50	3.4	267	27	5.4	0.0
05/12/2023 14:00	3.6	267	27	5.3	0.0
05/12/2023 14:10	3.9	260	21	6.3	0.0
05/12/2023 14:20	4.4	253	18	7.9	0.0
05/12/2023 14:30	5.1	249	16	7.2	0.0
05/12/2023 14:40	4.9	238	17	6.9	0.0
05/12/2023 14:50	4.9	239	16	6.9	0.0
05/12/2023 15:00	4.7	246	16	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 15:10	4.8	242	16	7.5	0.0
05/12/2023 15:20	5.0	243	15	6.8	0.0
05/12/2023 15:30	5.4	239	14	7.5	0.0
05/12/2023 15:40	4.5	255	20	6.4	0.0
05/12/2023 15:50	4.4	247	18	6.7	0.0
05/12/2023 16:00	4.3	248	16	6.2	0.0
05/12/2023 16:10	4.0	244	19	6.1	0.0
05/12/2023 16:20	4.3	246	18	6.4	0.0
05/12/2023 16:30	4.2	235	15	5.6	0.0
05/12/2023 16:40	4.1	236	14	5.9	0.0
05/12/2023 16:50	3.8	236	18	5.2	0.0
05/12/2023 17:00	2.9	255	21	4.6	0.0
05/12/2023 17:10	2.4	259	27	3.6	0.0
05/12/2023 17:20	2.5	260	20	3.8	0.0
05/12/2023 17:30	2.5	272	31	3.6	0.0
05/12/2023 17:40	2.1	269	32	3.2	0.0
05/12/2023 17:50	2.0	280	38	3.3	0.0
05/12/2023 18:00	2.0	272	34	3.2	0.0
05/12/2023 18:10	2.0	280	37	3.1	0.0
05/12/2023 18:20	1.9	280	39	3.6	0.0
05/12/2023 18:30	1.8	294	44	3.3	0.0
05/12/2023 18:40	3.2	322	18	4.6	0.0
05/12/2023 18:50	3.1	317	20	4.8	0.0
05/12/2023 19:00	2.9	315	26	4.5	0.0
05/12/2023 19:10	3.0	316	25	4.4	0.0
05/12/2023 19:20	2.0	292	47	3.8	0.0
05/12/2023 19:30	2.1	275	43	4.0	0.0
05/12/2023 19:40	2.2	276	39	4.0	0.0
05/12/2023 19:50	2.4	262	27	3.9	0.0
05/12/2023 20:00	2.3	265	33	4.0	0.0
05/12/2023 20:10	1.9	275	39	3.0	0.0
05/12/2023 20:20	2.4	258	23	3.8	0.0
05/12/2023 20:30	2.6	266	27	4.4	0.0
05/12/2023 20:40	2.4	262	23	4.0	0.0
05/12/2023 20:50	2.0	286	40	3.8	0.0
05/12/2023 21:00	2.2	267	33	3.7	0.0
05/12/2023 21:10	2.6	261	23	3.8	0.0
05/12/2023 21:20	2.5	257	24	3.6	0.0
05/12/2023 21:30	2.1	264	25	3.3	0.0
05/12/2023 21:40	2.8	257	15	4.0	0.0
05/12/2023 21:50	2.9	257	19	4.0	0.0
05/12/2023 22:00	3.1	254	15	4.6	0.0
05/12/2023 22:10	3.2	256	15	4.3	0.0
05/12/2023 22:20	3.1	260	15	4.3	0.0
05/12/2023 22:30	3.2	262	20	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/12/2023 22:40	2.8	271	22	4.0	0.0
05/12/2023 22:50	2.9	262	19	4.4	0.0
05/12/2023 23:00	2.6	262	23	4.0	0.0
05/12/2023 23:10	2.8	259	21	4.2	0.0
05/12/2023 23:20	2.6	261	21	4.3	0.0
05/12/2023 23:30	2.6	262	22	3.9	0.0
05/12/2023 23:40	2.5	264	29	4.0	0.0
05/12/2023 23:50	1.9	283	32	3.2	0.0
06/12/2023 00:00	2.1	274	31	4.0	0.0
06/12/2023 00:10	2.3	267	26	3.7	0.0
06/12/2023 00:20	2.4	263	24	4.4	0.0
06/12/2023 00:30	2.6	259	19	4.6	0.0
06/12/2023 00:40	1.9	263	24	3.4	0.0
06/12/2023 00:50	2.3	253	20	3.9	0.0
06/12/2023 01:00	3.0	250	15	4.8	0.0
06/12/2023 01:10	3.6	252	18	5.2	0.0
06/12/2023 01:20	4.4	255	15	6.0	0.0
06/12/2023 01:30	3.7	248	17	5.6	0.0
06/12/2023 01:40	3.1	259	19	4.8	0.0
06/12/2023 01:50	3.9	259	15	5.6	0.0
06/12/2023 02:00	3.6	259	18	5.5	0.0
06/12/2023 02:10	4.2	255	15	6.4	0.0
06/12/2023 02:20	4.0	258	14	5.8	0.0
06/12/2023 02:30	4.1	255	15	5.9	0.0
06/12/2023 02:40	3.2	256	16	4.6	0.0
06/12/2023 02:50	2.7	258	17	4.0	0.0
06/12/2023 03:00	3.7	254	16	5.4	0.0
06/12/2023 03:10	3.6	255	16	5.5	0.0
06/12/2023 03:20	4.3	251	13	5.9	0.0
06/12/2023 03:30	4.2	252	15	5.7	0.0
06/12/2023 03:40	4.3	253	16	6.0	0.0
06/12/2023 03:50	3.7	250	17	5.6	0.0
06/12/2023 04:00	3.6	252	15	5.2	0.0
06/12/2023 04:10	2.9	234	19	4.4	0.0
06/12/2023 04:20	3.4	236	18	5.3	0.0
06/12/2023 04:30	2.4	261	14	3.9	0.0
06/12/2023 04:40	1.7	212	24	2.6	0.0
06/12/2023 04:50	0.8	178	26	1.5	0.0
06/12/2023 05:00	2.0	256	15	2.7	0.0
06/12/2023 05:10	1.2	240	32	2.2	0.0
06/12/2023 05:20	0.4	211	30	1.2	0.0
06/12/2023 05:30	0.4	274	12	0.9	0.0
06/12/2023 05:40					0.0
06/12/2023 05:50	0.4	44	9	1.2	0.0
06/12/2023 06:00	1.0	178	47	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 06:10	0.6	47	17	1.4	0.0
06/12/2023 06:20	0.7	180	19	1.4	0.0
06/12/2023 06:30	0.7	60	24	1.2	0.0
06/12/2023 06:40	0.7	138	29	1.5	0.0
06/12/2023 06:50	1.3	220	36	2.1	0.0
06/12/2023 07:00	1.5	290	33	2.1	0.0
06/12/2023 07:10	1.1	316	51	2.0	0.0
06/12/2023 07:20	1.3	254	44	2.0	0.0
06/12/2023 07:30	1.4	287	42	2.4	0.0
06/12/2023 07:40	1.7	247	25	2.8	0.0
06/12/2023 07:50	1.4	273	33	2.8	0.0
06/12/2023 08:00	1.4	248	32	2.3	0.0
06/12/2023 08:10	1.2	248	25	2.1	0.0
06/12/2023 08:20	1.4	276	52	2.4	0.0
06/12/2023 08:30	1.8	308	35	3.1	0.0
06/12/2023 08:40	1.8	320	28	2.8	0.0
06/12/2023 08:50	1.5	331	37	2.8	0.0
06/12/2023 09:00	1.4	164	37	2.6	0.0
06/12/2023 09:10	2.1	328	29	3.3	0.0
06/12/2023 09:20	1.3	348	31	2.4	0.0
06/12/2023 09:30	1.8	345	30	2.7	0.0
06/12/2023 09:40	1.7	169	32	2.8	0.0
06/12/2023 09:50	1.7	327	43	3.2	0.0
06/12/2023 10:00	2.1	341	33	3.5	0.0
06/12/2023 10:10	2.1	188	37	3.3	0.0
06/12/2023 10:20	1.8	180	32	2.8	0.0
06/12/2023 10:30	2.0	192	40	3.4	0.0
06/12/2023 10:40	2.0	176	30	3.3	0.0
06/12/2023 10:50	2.0	192	30	3.2	0.0
06/12/2023 11:00	2.0	11	40	3.6	0.0
06/12/2023 11:10	1.9	4	31	3.3	0.0
06/12/2023 11:20	2.3	8	28	3.6	0.0
06/12/2023 11:30	2.4	11	24	4.2	0.0
06/12/2023 11:40	2.3	26	32	3.9	0.0
06/12/2023 11:50	2.6	17	30	4.4	0.0
06/12/2023 12:00	2.2	345	39	3.9	0.0
06/12/2023 12:10	2.3	337	32	4.3	0.0
06/12/2023 12:20	2.2	321	31	3.8	0.0
06/12/2023 12:30	2.6	308	40	4.4	0.0
06/12/2023 12:40	2.4	319	37	4.1	0.0
06/12/2023 12:50	2.1	337	40	3.8	0.0
06/12/2023 13:00	2.1	316	48	3.4	0.0
06/12/2023 13:10	1.9	331	46	3.7	0.0
06/12/2023 13:20	2.1	330	47	4.0	0.0
06/12/2023 13:30	2.6	332	29	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 13:40	2.3	322	41	3.9	0.0
06/12/2023 13:50	2.8	267	39	5.0	0.0
06/12/2023 14:00	2.6	325	43	4.4	0.0
06/12/2023 14:10	2.5	317	39	4.1	0.0
06/12/2023 14:20	2.5	291	47	4.4	0.0
06/12/2023 14:30	2.6	299	42	4.4	0.0
06/12/2023 14:40	3.1	272	40	5.2	0.0
06/12/2023 14:50	2.5	298	38	4.0	0.0
06/12/2023 15:00	3.0	302	40	5.0	0.0
06/12/2023 15:10	3.4	256	20	4.9	0.0
06/12/2023 15:20	2.7	301	44	4.6	0.0
06/12/2023 15:30	3.2	318	29	5.4	0.0
06/12/2023 15:40	3.0	317	30	5.2	0.0
06/12/2023 15:50	2.9	319	29	4.8	0.0
06/12/2023 16:00	2.9	326	26	5.0	0.0
06/12/2023 16:10	2.9	316	32	5.2	0.0
06/12/2023 16:20	2.6	301	40	4.5	0.0
06/12/2023 16:30	3.0	326	30	4.8	0.0
06/12/2023 16:40	3.4	322	32	5.1	0.0
06/12/2023 16:50	3.0	307	33	4.7	0.0
06/12/2023 17:00	3.0	318	25	4.4	0.0
06/12/2023 17:10	3.2	314	28	5.1	0.0
06/12/2023 17:20	3.5	319	26	5.3	0.0
06/12/2023 17:30	2.5	308	35	4.0	0.0
06/12/2023 17:40	2.3	309	34	3.9	0.0
06/12/2023 17:50	2.3	294	45	3.7	0.0
06/12/2023 18:00	1.9	283	44	4.0	0.0
06/12/2023 18:10	2.4	315	29	3.7	0.0
06/12/2023 18:20	2.7	319	26	3.8	0.0
06/12/2023 18:30	2.5	318	22	4.4	0.0
06/12/2023 18:40	1.9	272	33	3.2	0.0
06/12/2023 18:50	2.1	266	23	3.6	0.0
06/12/2023 19:00	2.0	276	36	3.2	0.0
06/12/2023 19:10	2.2	307	35	4.3	0.0
06/12/2023 19:20	2.8	319	21	4.1	0.0
06/12/2023 19:30	2.7	325	23	4.1	0.0
06/12/2023 19:40	2.6	310	31	4.4	0.0
06/12/2023 19:50	1.9	267	26	2.8	0.0
06/12/2023 20:00	2.1	302	37	4.0	0.0
06/12/2023 20:10	2.1	304	29	4.0	0.0
06/12/2023 20:20	2.7	332	23	4.5	0.0
06/12/2023 20:30	2.7	335	26	4.7	0.0
06/12/2023 20:40	2.9	327	25	4.9	0.0
06/12/2023 20:50	3.3	331	19	4.8	0.0
06/12/2023 21:00	3.0	321	29	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/12/2023 21:10	2.9	314	26	4.7	0.0
06/12/2023 21:20	3.0	320	18	4.8	0.0
06/12/2023 21:30	1.8	329	30	3.0	0.0
06/12/2023 21:40	2.8	337	22	4.0	0.0
06/12/2023 21:50	2.6	338	25	4.4	0.0
06/12/2023 22:00	3.0	345	19	4.5	0.0
06/12/2023 22:10	2.9	351	29	4.8	0.0
06/12/2023 22:20	2.6	340	21	4.0	0.0
06/12/2023 22:30	3.3	334	25	5.7	0.0
06/12/2023 22:40	2.9	324	23	5.2	0.0
06/12/2023 22:50	2.6	330	26	4.1	0.0
06/12/2023 23:00	3.0	317	17	4.8	0.0
06/12/2023 23:10	2.9	312	25	4.4	0.0
06/12/2023 23:20	2.0	300	34	3.6	0.0
06/12/2023 23:30	2.2	311	28	3.3	0.0
06/12/2023 23:40	2.4	320	25	4.1	0.0
06/12/2023 23:50	2.4	311	28	4.0	0.0
07/12/2023 00:00	1.7	278	42	3.6	0.0
07/12/2023 00:10	1.6	284	49	2.8	0.0
07/12/2023 00:20	1.4	320	64	2.8	0.0
07/12/2023 00:30	1.1	317	61	2.3	0.0
07/12/2023 00:40	1.9	308	40	3.4	0.0
07/12/2023 00:50	3.0	343	24	4.5	0.0
07/12/2023 01:00	3.0	344	23	4.4	0.0
07/12/2023 01:10	2.5	341	22	3.7	0.0
07/12/2023 01:20	2.6	349	22	4.7	0.0
07/12/2023 01:30	2.6	342	23	4.1	0.0
07/12/2023 01:40	2.1	332	33	3.7	0.0
07/12/2023 01:50	1.5	285	46	2.8	0.0
07/12/2023 02:00	1.1	284	38	2.0	0.0
07/12/2023 02:10	1.2	291	44	1.9	0.0
07/12/2023 02:20	1.1	303	33	2.0	0.0
07/12/2023 02:30	0.4	256	26	1.1	0.0
07/12/2023 02:40	0.9	242	18	1.5	0.0
07/12/2023 02:50	0.9	261	18	1.5	0.0
07/12/2023 03:00	0.8	262	25	1.7	0.0
07/12/2023 03:10	1.3	258	16	2.0	0.0
07/12/2023 03:20	1.2	237	24	1.9	0.0
07/12/2023 03:30	0.4	250	7	1.1	0.0
07/12/2023 03:40	1.1	250	12	1.6	0.0
07/12/2023 03:50	1.4	259	13	1.8	0.0
07/12/2023 04:00	1.1	252	11	1.6	0.0
07/12/2023 04:10	1.6	255	16	2.4	0.0
07/12/2023 04:20	1.7	265	14	2.4	0.0
07/12/2023 04:30	1.1	221	39	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 04:40	0.0	224	0	0.4	0.0
07/12/2023 04:50	0.9	251	22	1.6	0.0
07/12/2023 05:00	0.1	125	1	0.4	0.0
07/12/2023 05:10					0.0
07/12/2023 05:20					0.0
07/12/2023 05:30					0.0
07/12/2023 05:40	0.7	255	9	1.7	0.0
07/12/2023 05:50	1.4	246	15	2.0	0.0
07/12/2023 06:00	1.1	237	18	1.8	0.0
07/12/2023 06:10	1.6	242	13	2.4	0.0
07/12/2023 06:20	2.1	239	17	3.2	0.0
07/12/2023 06:30	2.5	239	15	3.5	0.0
07/12/2023 06:40	2.4	242	17	3.3	0.0
07/12/2023 06:50	2.2	254	15	3.1	0.0
07/12/2023 07:00	1.8	256	24	2.6	0.0
07/12/2023 07:10	2.0	244	22	3.1	0.0
07/12/2023 07:20	2.3	229	21	3.2	0.0
07/12/2023 07:30	2.3	212	20	3.2	0.0
07/12/2023 07:40	2.5	207	21	4.0	0.0
07/12/2023 07:50	3.1	200	21	4.8	0.0
07/12/2023 08:00	2.8	180	18	4.5	0.0
07/12/2023 08:10	2.8	181	19	4.1	0.0
07/12/2023 08:20	3.0	194	21	4.8	0.0
07/12/2023 08:30	3.1	200	19	4.9	0.0
07/12/2023 08:40	3.6	205	19	5.0	0.0
07/12/2023 08:50	3.6	198	19	5.5	0.0
07/12/2023 09:00	3.3	185	21	4.6	0.0
07/12/2023 09:10	3.6	184	21	5.4	0.0
07/12/2023 09:20	3.5	184	20	5.0	0.0
07/12/2023 09:30	3.6	185	23	5.7	0.0
07/12/2023 09:40	4.9	188	18	7.2	0.0
07/12/2023 09:50	3.1	160	29	5.3	0.0
07/12/2023 10:00	2.4	152	31	4.0	0.0
07/12/2023 10:10	2.4	150	28	4.3	0.0
07/12/2023 10:20	2.5	145	30	4.5	0.0
07/12/2023 10:30	2.4	159	29	4.4	0.0
07/12/2023 10:40	2.8	171	30	4.7	0.0
07/12/2023 10:50	3.0	167	28	5.2	0.0
07/12/2023 11:00	2.2	151	32	3.3	0.0
07/12/2023 11:10	2.2	150	35	4.0	0.0
07/12/2023 11:20	2.0	149	32	3.8	0.0
07/12/2023 11:30	2.1	162	36	3.6	0.0
07/12/2023 11:40	2.4	141	40	4.1	0.0
07/12/2023 11:50	2.1	146	35	3.6	0.0
07/12/2023 12:00	2.7	223	43	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 12:10	3.5	244	21	5.6	0.0
07/12/2023 12:20	3.5	243	20	5.3	0.0
07/12/2023 12:30	3.8	247	16	5.5	0.0
07/12/2023 12:40	4.1	245	17	5.7	0.0
07/12/2023 12:50	3.8	243	15	5.3	0.0
07/12/2023 13:00	4.1	244	19	6.0	0.0
07/12/2023 13:10	4.3	249	19	6.1	0.0
07/12/2023 13:20	3.9	251	19	5.8	0.0
07/12/2023 13:30	3.0	254	25	4.6	0.0
07/12/2023 13:40	2.5	227	31	4.6	0.0
07/12/2023 13:50	2.5	248	31	4.5	0.0
07/12/2023 14:00	2.2	234	42	4.4	0.0
07/12/2023 14:10	3.7	91	36	5.6	0.0
07/12/2023 14:20	3.9	56	23	6.7	0.0
07/12/2023 14:30	4.3	57	19	7.1	0.0
07/12/2023 14:40	3.9	43	22	5.6	0.0
07/12/2023 14:50	3.6	42	21	6.0	0.0
07/12/2023 15:00	3.9	41	23	6.0	0.0
07/12/2023 15:10	3.7	38	26	5.8	0.0
07/12/2023 15:20	3.6	40	25	5.7	0.0
07/12/2023 15:30	3.5	43	24	5.8	0.0
07/12/2023 15:40	3.3	42	27	5.0	0.0
07/12/2023 15:50	3.3	19	24	5.8	0.0
07/12/2023 16:00	3.0	15	35	4.9	0.0
07/12/2023 16:10	3.4	16	26	6.0	0.0
07/12/2023 16:20	3.4	25	29	5.2	0.0
07/12/2023 16:30	3.3	15	30	5.8	0.0
07/12/2023 16:40	3.5	15	26	5.3	0.0
07/12/2023 16:50	3.2	12	22	4.8	0.0
07/12/2023 17:00	3.1	7	29	4.8	0.0
07/12/2023 17:10	3.2	180	29	5.5	0.0
07/12/2023 17:20	3.4	11	28	5.3	0.0
07/12/2023 17:30	3.3	14	25	5.2	0.0
07/12/2023 17:40	3.6	17	23	5.2	0.0
07/12/2023 17:50	3.9	22	26	5.4	0.0
07/12/2023 18:00	2.9	21	26	4.5	0.0
07/12/2023 18:10	2.8	26	28	5.2	0.0
07/12/2023 18:20	3.5	20	24	5.4	0.0
07/12/2023 18:30	3.0	21	25	4.9	0.0
07/12/2023 18:40	3.4	20	23	5.2	0.0
07/12/2023 18:50	3.0	22	27	5.0	0.0
07/12/2023 19:00	2.4	27	26	4.4	0.0
07/12/2023 19:10	2.6	23	23	4.5	0.0
07/12/2023 19:20	3.0	17	23	4.5	0.0
07/12/2023 19:30	2.5	27	26	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/12/2023 19:40	2.9	15	26	4.8	0.0
07/12/2023 19:50	2.6	18	26	4.1	0.0
07/12/2023 20:00	2.1	171	28	3.6	0.0
07/12/2023 20:10	2.5	332	29	4.7	0.0
07/12/2023 20:20	3.3	346	23	5.2	0.0
07/12/2023 20:30	2.5	314	21	4.6	0.0
07/12/2023 20:40	2.2	322	38	4.4	0.0
07/12/2023 20:50	2.4	334	35	4.4	0.0
07/12/2023 21:00	2.6	337	30	4.3	0.0
07/12/2023 21:10	2.3	314	27	3.8	0.0
07/12/2023 21:20	2.0	302	35	3.4	0.0
07/12/2023 21:30	1.7	286	42	3.2	0.0
07/12/2023 21:40	2.1	305	30	3.6	0.0
07/12/2023 21:50	2.3	313	26	3.5	0.0
07/12/2023 22:00	1.7	284	30	2.8	0.0
07/12/2023 22:10	1.9	266	24	2.9	0.0
07/12/2023 22:20	2.6	265	18	3.6	0.0
07/12/2023 22:30	2.7	265	16	3.8	0.0
07/12/2023 22:40	2.2	281	16	3.2	0.0
07/12/2023 22:50	2.0	284	20	2.8	0.0
07/12/2023 23:00	2.1	267	15	3.2	0.0
07/12/2023 23:10	2.5	266	14	3.3	0.0
07/12/2023 23:20	2.2	259	15	3.2	0.0
07/12/2023 23:30	2.4	271	15	3.2	0.0
07/12/2023 23:40	2.1	258	28	3.3	0.0
07/12/2023 23:50	0.9	208	29	1.5	0.0
08/12/2023 00:00	1.2	216	31	1.9	0.0
08/12/2023 00:10	1.3	240	20	2.1	0.0
08/12/2023 00:20	1.7	200	23	2.6	0.0
08/12/2023 00:30	1.4	163	28	2.7	0.0
08/12/2023 00:40	1.1	130	37	2.0	0.0
08/12/2023 00:50	1.1	140	32	2.2	0.0
08/12/2023 01:00	0.8	155	30	2.2	0.0
08/12/2023 01:10	0.7	112	20	1.3	0.0
08/12/2023 01:20	0.3	123	21	1.4	0.0
08/12/2023 01:30	0.7	132	29	1.5	0.0
08/12/2023 01:40	0.6	127	33	1.6	0.0
08/12/2023 01:50	0.1	138	12	0.7	0.0
08/12/2023 02:00	0.1	92	8	1.2	0.0
08/12/2023 02:10	0.4	66	10	1.2	0.0
08/12/2023 02:20	0.1	67	8	1.1	0.0
08/12/2023 02:30	0.8	226	9	1.3	0.0
08/12/2023 02:40	0.9	230	32	1.6	0.0
08/12/2023 02:50	0.5	131	33	1.5	0.0
08/12/2023 03:00	1.2	55	20	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 03:10	0.7	61	35	1.8	0.0
08/12/2023 03:20	0.4	168	28	1.1	0.0
08/12/2023 03:30	0.3	51	28	0.8	0.0
08/12/2023 03:40	0.3	301	14	0.8	0.0
08/12/2023 03:50	0.5	258	15	1.3	0.0
08/12/2023 04:00	0.8	232	14	1.2	0.0
08/12/2023 04:10	0.3	248	11	1.2	0.0
08/12/2023 04:20	0.9	255	15	1.6	0.0
08/12/2023 04:30	1.1	268	14	1.6	0.0
08/12/2023 04:40	0.4	210	21	1.0	0.0
08/12/2023 04:50	0.6	271	21	1.2	0.0
08/12/2023 05:00	0.1	231	7	0.9	0.0
08/12/2023 05:10	1.4	256	14	2.0	0.0
08/12/2023 05:20	1.7	262	15	2.4	0.0
08/12/2023 05:30	1.8	265	16	2.4	0.0
08/12/2023 05:40	1.8	263	16	2.4	0.0
08/12/2023 05:50	1.7	266	18	2.9	0.0
08/12/2023 06:00	1.9	260	18	2.8	0.0
08/12/2023 06:10	2.2	254	16	3.1	0.0
08/12/2023 06:20	2.1	256	21	3.0	0.0
08/12/2023 06:30	2.2	263	19	3.3	0.0
08/12/2023 06:40	2.4	245	18	3.5	0.0
08/12/2023 06:50	2.8	246	16	3.7	0.0
08/12/2023 07:00	2.4	238	22	3.7	0.0
08/12/2023 07:10	3.0	219	17	4.8	0.0
08/12/2023 07:20	3.8	217	15	5.2	0.0
08/12/2023 07:30	3.4	222	19	4.9	0.0
08/12/2023 07:40	3.5	222	17	4.6	0.0
08/12/2023 07:50	3.2	220	16	4.7	0.0
08/12/2023 08:00	2.9	217	19	3.9	0.0
08/12/2023 08:10	3.3	216	16	5.0	0.0
08/12/2023 08:20	3.3	206	18	4.6	0.0
08/12/2023 08:30	3.3	212	20	5.0	0.0
08/12/2023 08:40	3.6	202	19	5.3	0.0
08/12/2023 08:50	3.4	182	20	4.8	0.0
08/12/2023 09:00	3.9	185	21	6.0	0.0
08/12/2023 09:10	3.7	187	20	5.7	0.0
08/12/2023 09:20	3.8	190	18	5.7	0.0
08/12/2023 09:30	3.3	184	23	6.1	0.0
08/12/2023 09:40	4.2	189	26	6.7	0.0
08/12/2023 09:50	4.7	193	19	7.0	0.0
08/12/2023 10:00	4.2	202	20	6.5	0.0
08/12/2023 10:10	3.6	190	23	6.2	0.0
08/12/2023 10:20	4.0	205	23	6.4	0.0
08/12/2023 10:30	4.1	199	21	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 10:40	4.1	203	23	6.5	0.0
08/12/2023 10:50	3.2	241	29	5.2	0.0
08/12/2023 11:00	3.4	253	20	4.8	0.0
08/12/2023 11:10	3.3	259	20	4.9	0.0
08/12/2023 11:20	4.3	247	17	6.0	0.0
08/12/2023 11:30	4.4	254	17	6.1	0.0
08/12/2023 11:40	4.4	252	18	6.3	0.0
08/12/2023 11:50	4.6	248	17	6.8	0.0
08/12/2023 12:00	5.2	247	17	7.5	0.0
08/12/2023 12:10	5.4	247	15	8.0	0.0
08/12/2023 12:20	5.0	250	16	6.8	0.0
08/12/2023 12:30	5.1	246	16	7.2	0.0
08/12/2023 12:40	5.6	248	18	7.5	0.0
08/12/2023 12:50	5.5	249	13	7.5	0.0
08/12/2023 13:00	5.4	244	16	6.9	0.0
08/12/2023 13:10	4.6	254	21	7.2	0.0
08/12/2023 13:20	5.4	253	15	8.1	0.0
08/12/2023 13:30	5.5	249	20	8.5	0.0
08/12/2023 13:40	6.1	251	16	8.3	0.0
08/12/2023 13:50	6.0	247	16	8.7	0.0
08/12/2023 14:00	5.8	250	20	8.6	0.0
08/12/2023 14:10	5.8	249	17	8.3	0.0
08/12/2023 14:20	5.2	252	20	7.2	0.0
08/12/2023 14:30	6.1	253	22	9.1	0.0
08/12/2023 14:40	5.5	260	17	8.7	0.0
08/12/2023 14:50	6.0	245	17	8.7	0.0
08/12/2023 15:00	6.5	247	18	9.1	0.0
08/12/2023 15:10	6.4	246	19	9.4	0.0
08/12/2023 15:20	6.5	253	18	9.3	0.0
08/12/2023 15:30	6.6	253	17	8.8	0.0
08/12/2023 15:40	6.8	254	15	9.2	0.0
08/12/2023 15:50	6.6	252	17	9.7	0.0
08/12/2023 16:00	6.7	251	18	10.3	0.0
08/12/2023 16:10	6.4	252	15	8.9	0.0
08/12/2023 16:20	6.5	256	18	10.6	0.0
08/12/2023 16:30	6.8	253	17	9.8	0.0
08/12/2023 16:40	6.4	255	19	9.8	0.0
08/12/2023 16:50	6.9	257	18	10.7	0.0
08/12/2023 17:00	6.0	256	17	8.5	0.0
08/12/2023 17:10	6.8	253	13	9.7	0.0
08/12/2023 17:20	6.5	254	16	9.2	0.0
08/12/2023 17:30	6.3	252	17	8.7	0.0
08/12/2023 17:40	5.9	257	17	8.9	0.0
08/12/2023 17:50	6.3	254	15	9.1	0.0
08/12/2023 18:00	6.9	250	16	9.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/12/2023 18:10	6.6	254	17	9.4	0.0
08/12/2023 18:20	6.1	254	15	8.6	0.0
08/12/2023 18:30	5.6	254	18	8.4	0.0
08/12/2023 18:40	5.6	251	16	7.8	0.0
08/12/2023 18:50	5.6	256	17	8.6	0.0
08/12/2023 19:00	5.8	255	17	8.1	0.0
08/12/2023 19:10	5.4	251	16	7.6	0.0
08/12/2023 19:20	5.5	253	16	8.1	0.0
08/12/2023 19:30	5.3	256	17	7.2	0.0
08/12/2023 19:40	4.6	253	13	6.7	0.0
08/12/2023 19:50	4.3	252	17	6.8	0.0
08/12/2023 20:00	4.5	245	19	7.6	0.0
08/12/2023 20:10	4.5	248	19	7.4	0.0
08/12/2023 20:20	4.4	251	18	7.1	0.0
08/12/2023 20:30	4.8	245	18	7.2	0.0
08/12/2023 20:40	4.9	245	18	7.8	0.0
08/12/2023 20:50	5.1	250	19	6.9	0.0
08/12/2023 21:00	4.2	250	23	7.4	0.0
08/12/2023 21:10	4.6	252	17	6.5	0.0
08/12/2023 21:20	4.3	245	16	7.3	0.0
08/12/2023 21:30	4.4	244	20	7.1	0.0
08/12/2023 21:40	4.7	249	18	6.8	0.0
08/12/2023 21:50	4.5	253	16	6.5	0.0
08/12/2023 22:00	4.5	254	18	6.8	0.0
08/12/2023 22:10	4.3	252	20	6.9	0.0
08/12/2023 22:20	4.1	249	20	5.6	0.0
08/12/2023 22:30	3.7	249	17	5.6	0.0
08/12/2023 22:40	3.6	253	19	5.7	0.0
08/12/2023 22:50	3.5	250	20	5.3	0.0
08/12/2023 23:00	3.5	243	16	5.2	0.0
08/12/2023 23:10	4.0	259	18	6.0	0.0
08/12/2023 23:20	3.8	242	18	6.7	0.0
08/12/2023 23:30	3.2	255	16	4.6	0.0
08/12/2023 23:40	3.4	253	16	5.2	0.0
08/12/2023 23:50	3.4	257	16	5.2	0.0
09/12/2023 00:00	3.2	248	16	5.8	0.0
09/12/2023 00:10	3.4	250	17	5.4	0.0
09/12/2023 00:20	3.1	253	20	5.2	0.0
09/12/2023 00:30	3.0	251	17	4.3	0.0
09/12/2023 00:40	3.2	252	16	5.2	0.0
09/12/2023 00:50	3.1	257	19	4.2	0.0
09/12/2023 01:00	3.4	259	15	5.3	0.0
09/12/2023 01:10	3.7	258	15	4.9	0.0
09/12/2023 01:20	3.1	252	15	4.8	0.0
09/12/2023 01:30	2.6	251	17	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 01:40	2.6	250	21	4.2	0.0
09/12/2023 01:50	2.9	253	17	4.4	0.0
09/12/2023 02:00	3.0	250	19	4.7	0.0
09/12/2023 02:10	2.8	248	19	4.2	0.0
09/12/2023 02:20	3.1	254	21	5.0	0.0
09/12/2023 02:30	3.4	248	19	5.0	0.0
09/12/2023 02:40	3.6	243	16	5.8	0.0
09/12/2023 02:50	3.4	243	18	4.8	0.0
09/12/2023 03:00	2.8	257	19	4.0	0.0
09/12/2023 03:10	2.4	255	18	3.6	0.0
09/12/2023 03:20	3.1	268	14	4.4	0.0
09/12/2023 03:30	3.1	265	17	4.3	0.0
09/12/2023 03:40	2.9	257	18	4.5	0.0
09/12/2023 03:50	3.0	270	16	4.2	0.0
09/12/2023 04:00	2.8	268	17	4.1	0.0
09/12/2023 04:10	2.8	266	16	3.8	0.0
09/12/2023 04:20	2.8	272	16	3.8	0.0
09/12/2023 04:30	2.9	271	18	4.0	0.0
09/12/2023 04:40	2.4	269	16	3.3	0.0
09/12/2023 04:50	2.8	272	19	4.1	0.0
09/12/2023 05:00	3.1	268	14	4.4	0.0
09/12/2023 05:10	2.8	271	18	4.0	0.0
09/12/2023 05:20	3.2	270	13	4.4	0.0
09/12/2023 05:30	3.4	266	14	4.5	0.0
09/12/2023 05:40	3.4	265	14	5.1	0.0
09/12/2023 05:50	3.2	268	14	4.2	0.0
09/12/2023 06:00	3.2	266	13	4.3	0.0
09/12/2023 06:10	3.0	277	20	4.3	0.0
09/12/2023 06:20	2.7	273	18	4.0	0.0
09/12/2023 06:30	3.0	271	18	4.3	0.0
09/12/2023 06:40	3.6	263	16	5.2	0.0
09/12/2023 06:50	3.7	261	16	5.2	0.0
09/12/2023 07:00	3.3	259	18	4.4	0.0
09/12/2023 07:10	3.2	265	16	4.3	0.0
09/12/2023 07:20	2.9	265	17	4.2	0.0
09/12/2023 07:30	2.6	268	19	3.9	0.0
09/12/2023 07:40	2.7	263	19	4.0	0.0
09/12/2023 07:50	2.8	259	16	4.0	0.0
09/12/2023 08:00	3.1	264	17	4.2	0.0
09/12/2023 08:10	3.4	259	14	4.8	0.0
09/12/2023 08:20	3.3	259	16	4.6	0.0
09/12/2023 08:30	3.0	261	16	4.0	0.0
09/12/2023 08:40	2.9	263	16	3.8	0.0
09/12/2023 08:50	3.2	261	18	4.3	0.0
09/12/2023 09:00	3.5	259	17	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 09:10	3.7	257	15	4.7	0.0
09/12/2023 09:20	3.8	255	14	4.8	0.0
09/12/2023 09:30	4.1	255	14	5.2	0.0
09/12/2023 09:40	4.1	256	13	5.9	0.0
09/12/2023 09:50	4.6	249	13	6.2	0.0
09/12/2023 10:00	4.6	252	14	6.4	0.0
09/12/2023 10:10	4.6	249	15	5.9	0.0
09/12/2023 10:20	4.4	253	13	5.9	0.0
09/12/2023 10:30	4.0	256	19	5.6	0.0
09/12/2023 10:40	4.4	256	16	6.4	0.0
09/12/2023 10:50	4.6	245	14	6.0	0.0
09/12/2023 11:00	4.3	251	18	6.4	0.0
09/12/2023 11:10	4.6	250	15	6.4	0.0
09/12/2023 11:20	4.3	244	16	6.2	0.0
09/12/2023 11:30	4.6	244	17	6.3	0.0
09/12/2023 11:40	4.6	241	14	6.7	0.0
09/12/2023 11:50	4.6	242	15	6.5	0.0
09/12/2023 12:00	4.6	238	18	6.2	0.0
09/12/2023 12:10	4.7	237	18	6.6	0.0
09/12/2023 12:20	4.6	237	17	6.2	0.0
09/12/2023 12:30	5.1	245	19	6.8	0.0
09/12/2023 12:40	5.1	247	14	7.5	0.0
09/12/2023 12:50	5.5	241	15	7.4	0.0
09/12/2023 13:00	5.1	246	20	7.2	0.0
09/12/2023 13:10	5.2	246	18	7.6	0.0
09/12/2023 13:20	5.4	242	18	7.7	0.0
09/12/2023 13:30	5.3	242	17	7.2	0.0
09/12/2023 13:40	5.2	246	15	7.3	0.0
09/12/2023 13:50	4.5	256	18	6.9	0.0
09/12/2023 14:00	3.6	256	21	5.2	0.0
09/12/2023 14:10	4.8	250	16	6.9	0.0
09/12/2023 14:20	4.5	252	19	6.4	0.0
09/12/2023 14:30	5.2	244	17	7.5	0.0
09/12/2023 14:40	5.1	239	15	7.1	0.0
09/12/2023 14:50	4.9	247	18	7.1	0.0
09/12/2023 15:00	4.7	241	17	6.6	0.0
09/12/2023 15:10	5.0	240	14	6.7	0.0
09/12/2023 15:20	4.7	245	17	6.7	0.0
09/12/2023 15:30	3.8	255	22	5.8	0.0
09/12/2023 15:40	3.3	258	26	6.4	0.0
09/12/2023 15:50	4.3	251	18	6.5	0.0
09/12/2023 16:00	2.9	271	32	4.7	0.0
09/12/2023 16:10	3.2	272	34	6.2	0.0
09/12/2023 16:20	3.9	254	21	6.3	0.0
09/12/2023 16:30	4.5	243	19	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/12/2023 16:40	4.6	248	20	6.8	0.0
09/12/2023 16:50	4.8	242	18	6.6	0.0
09/12/2023 17:00	4.9	247	18	6.8	0.0
09/12/2023 17:10	4.5	247	15	6.5	0.0
09/12/2023 17:20	5.0	242	14	6.7	0.0
09/12/2023 17:30	4.5	248	16	6.7	0.0
09/12/2023 17:40	4.4	241	17	6.7	0.0
09/12/2023 17:50	4.7	239	16	6.4	0.0
09/12/2023 18:00	4.4	245	19	5.9	0.0
09/12/2023 18:10	4.5	247	16	6.1	0.0
09/12/2023 18:20	5.0	243	15	6.6	0.0
09/12/2023 18:30	5.0	251	13	6.7	0.0
09/12/2023 18:40	4.5	248	18	6.2	0.0
09/12/2023 18:50	4.3	242	17	5.8	0.0
09/12/2023 19:00	4.3	249	15	5.9	0.0
09/12/2023 19:10	3.9	252	17	5.6	0.0
09/12/2023 19:20	3.8	253	15	5.2	0.0
09/12/2023 19:30	3.0	251	17	5.2	0.0
09/12/2023 19:40	3.2	249	19	4.8	0.0
09/12/2023 19:50	2.5	244	23	4.0	0.0
09/12/2023 20:00	1.4	175	27	2.0	0.0
09/12/2023 20:10	2.1	240	30	3.2	0.0
09/12/2023 20:20	2.0	240	22	2.7	0.0
09/12/2023 20:30	1.6	274	19	2.4	0.0
09/12/2023 20:40	1.2	198	28	2.2	0.0
09/12/2023 20:50	1.0	223	35	1.9	0.0
09/12/2023 21:00	1.3	248	22	2.0	0.0
09/12/2023 21:10	1.5	239	20	2.2	0.0
09/12/2023 21:20	1.2	261	18	1.9	0.0
09/12/2023 21:30	1.1	156	31	1.9	0.0
09/12/2023 21:40	0.4	277	16	1.1	0.0
09/12/2023 21:50	0.5	259	14	1.5	0.0
09/12/2023 22:00	0.9	237	10	1.5	0.0
09/12/2023 22:10	0.2	237	3	0.8	0.0
09/12/2023 22:20					0.0
09/12/2023 22:30	0.3	188	13	1.0	0.0
09/12/2023 22:40	0.5	52	23	0.9	0.0
09/12/2023 22:50					0.0
09/12/2023 23:00	0.3	36	9	1.1	0.0
09/12/2023 23:10	0.1	216	16	0.7	0.0
09/12/2023 23:20	0.6	22	17	1.1	0.0
09/12/2023 23:30	0.2	37	11	0.6	0.0
09/12/2023 23:40	0.4	46	21	0.8	0.0
09/12/2023 23:50	0.0	37	2	0.6	0.0
10/12/2023 00:00	0.7	185	20	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 00:10	1.4	339	16	2.0	0.0
10/12/2023 00:20	0.9	181	21	1.6	0.0
10/12/2023 00:30	0.9	184	17	1.8	0.0
10/12/2023 00:40	1.0	24	21	1.6	0.0
10/12/2023 00:50	1.3	12	24	2.0	0.0
10/12/2023 01:00	1.3	355	29	2.3	0.0
10/12/2023 01:10	1.1	336	24	1.9	0.0
10/12/2023 01:20	0.8	333	33	1.5	0.0
10/12/2023 01:30	0.4	282	27	1.2	0.0
10/12/2023 01:40	0.7	313	22	1.2	0.0
10/12/2023 01:50	0.8	180	26	1.4	0.0
10/12/2023 02:00	1.5	25	21	2.4	0.0
10/12/2023 02:10	1.7	27	26	2.8	0.0
10/12/2023 02:20	0.6	206	22	1.8	0.0
10/12/2023 02:30	1.4	31	28	2.5	0.0
10/12/2023 02:40	1.2	31	31	2.6	0.0
10/12/2023 02:50	1.8	22	22	2.8	0.0
10/12/2023 03:00	1.4	28	30	2.5	0.0
10/12/2023 03:10	1.0	36	21	2.0	0.0
10/12/2023 03:20	1.3	28	25	2.0	0.0
10/12/2023 03:30	1.0	19	24	1.6	0.0
10/12/2023 03:40	0.5	24	18	1.0	0.0
10/12/2023 03:50	0.1	32	7	0.6	0.0
10/12/2023 04:00					0.0
10/12/2023 04:10					0.0
10/12/2023 04:20	0.0	34	0	0.4	0.0
10/12/2023 04:30	0.0	54	3	0.8	0.0
10/12/2023 04:40	0.9	37	17	1.6	0.0
10/12/2023 04:50	1.5	50	19	2.1	0.0
10/12/2023 05:00	1.1	67	19	1.9	0.0
10/12/2023 05:10	1.0	97	23	1.7	0.0
10/12/2023 05:20	0.7	113	21	1.6	0.0
10/12/2023 05:30	0.8	116	24	1.5	0.0
10/12/2023 05:40	1.0	107	26	1.7	0.0
10/12/2023 05:50	0.9	100	26	1.6	0.0
10/12/2023 06:00	1.0	100	27	1.6	0.0
10/12/2023 06:10	2.0	94	24	3.1	0.0
10/12/2023 06:20	1.8	97	28	3.2	0.0
10/12/2023 06:30	2.0	120	32	3.4	0.0
10/12/2023 06:40	2.6	120	28	4.5	0.0
10/12/2023 06:50	3.3	120	28	5.4	0.0
10/12/2023 07:00	4.0	100	25	6.3	0.0
10/12/2023 07:10	3.9	101	31	7.0	0.0
10/12/2023 07:20	3.8	106	33	6.7	0.0
10/12/2023 07:30	4.2	101	28	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 07:40	4.1	102	24	7.0	0.0
10/12/2023 07:50	4.1	97	28	6.2	0.0
10/12/2023 08:00	3.8	102	26	6.0	0.0
10/12/2023 08:10	4.3	96	25	8.0	0.0
10/12/2023 08:20	4.1	96	28	7.0	0.0
10/12/2023 08:30	4.2	93	23	6.9	0.0
10/12/2023 08:40	3.8	101	31	6.3	0.0
10/12/2023 08:50	4.2	102	23	6.8	0.0
10/12/2023 09:00	3.6	96	28	5.6	0.0
10/12/2023 09:10	4.8	88	23	7.5	0.0
10/12/2023 09:20	4.7	93	24	6.7	0.0
10/12/2023 09:30	4.7	89	25	7.5	0.0
10/12/2023 09:40	4.1	82	22	6.4	0.0
10/12/2023 09:50	4.7	73	20	7.1	0.0
10/12/2023 10:00	4.5	78	24	6.5	0.0
10/12/2023 10:10	4.4	78	21	7.5	0.0
10/12/2023 10:20	4.7	76	21	6.8	0.0
10/12/2023 10:30	4.9	79	22	7.9	0.0
10/12/2023 10:40	5.0	86	19	7.2	0.0
10/12/2023 10:50	4.5	79	23	6.7	0.0
10/12/2023 11:00	3.9	70	24	6.2	0.0
10/12/2023 11:10	4.0	67	16	6.1	0.0
10/12/2023 11:20	4.4	65	19	7.1	0.0
10/12/2023 11:30	4.3	65	24	6.7	0.0
10/12/2023 11:40	4.3	65	20	8.3	0.0
10/12/2023 11:50	4.0	69	21	6.1	0.0
10/12/2023 12:00	4.2	68	21	6.7	0.0
10/12/2023 12:10	4.0	66	20	7.3	0.0
10/12/2023 12:20	4.0	63	23	6.4	0.0
10/12/2023 12:30	4.4	64	22	6.8	0.0
10/12/2023 12:40	4.1	59	22	5.8	0.0
10/12/2023 12:50	4.4	65	19	7.3	0.0
10/12/2023 13:00	3.9	59	19	6.3	0.0
10/12/2023 13:10	4.1	54	18	6.2	0.0
10/12/2023 13:20	4.3	64	21	7.0	0.0
10/12/2023 13:30	4.5	70	21	7.0	0.0
10/12/2023 13:40	4.1	66	17	6.5	0.0
10/12/2023 13:50	4.2	53	17	6.7	0.0
10/12/2023 14:00	4.0	65	18	6.4	0.0
10/12/2023 14:10	4.3	59	20	7.0	0.0
10/12/2023 14:20	4.1	58	22	6.8	0.0
10/12/2023 14:30	4.0	52	22	6.4	0.0
10/12/2023 14:40	4.2	49	22	6.5	0.0
10/12/2023 14:50	4.2	45	21	6.8	0.0
10/12/2023 15:00	3.8	50	23	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 15:10	3.9	47	19	6.0	0.0
10/12/2023 15:20	4.1	48	20	6.1	0.0
10/12/2023 15:30	3.8	50	18	5.4	0.0
10/12/2023 15:40	4.0	49	18	6.2	0.0
10/12/2023 15:50	3.6	53	20	5.5	0.0
10/12/2023 16:00	3.4	50	23	4.9	0.0
10/12/2023 16:10	3.5	52	21	5.2	0.0
10/12/2023 16:20	3.2	44	21	5.3	0.0
10/12/2023 16:30	3.1	43	22	5.2	0.0
10/12/2023 16:40	2.8	37	25	4.2	0.0
10/12/2023 16:50	2.7	34	27	4.4	0.0
10/12/2023 17:00	3.0	24	28	4.8	0.0
10/12/2023 17:10	3.1	21	28	5.0	0.0
10/12/2023 17:20	3.4	21	25	5.0	0.0
10/12/2023 17:30	3.6	15	29	5.7	0.0
10/12/2023 17:40	3.0	20	25	5.4	0.0
10/12/2023 17:50	3.2	13	27	4.8	0.0
10/12/2023 18:00	3.3	12	24	5.2	0.0
10/12/2023 18:10	2.9	26	27	5.0	0.0
10/12/2023 18:20	3.5	15	26	5.4	0.0
10/12/2023 18:30	2.9	19	26	4.5	0.0
10/12/2023 18:40	3.1	17	30	5.2	0.0
10/12/2023 18:50	2.4	19	30	4.3	0.0
10/12/2023 19:00	2.0	21	37	3.3	0.0
10/12/2023 19:10	2.4	26	30	3.7	0.0
10/12/2023 19:20	2.6	17	29	4.4	0.0
10/12/2023 19:30	2.2	22	31	3.7	0.0
10/12/2023 19:40	1.8	4	33	3.6	0.0
10/12/2023 19:50	1.4	173	53	2.7	0.0
10/12/2023 20:00	1.5	350	44	2.8	0.0
10/12/2023 20:10	1.9	321	23	3.2	0.0
10/12/2023 20:20	1.1	275	64	1.9	0.0
10/12/2023 20:30	1.4	302	64	2.6	0.0
10/12/2023 20:40	1.1	239	69	2.2	0.0
10/12/2023 20:50	1.5	237	30	2.5	0.0
10/12/2023 21:00	1.6	254	18	2.6	0.0
10/12/2023 21:10	2.2	247	12	3.1	0.0
10/12/2023 21:20	2.2	242	12	3.0	0.0
10/12/2023 21:30	2.1	242	15	2.8	0.0
10/12/2023 21:40	2.4	237	17	3.6	0.0
10/12/2023 21:50	3.0	235	14	4.2	0.0
10/12/2023 22:00	2.7	241	16	3.8	0.0
10/12/2023 22:10	2.6	237	17	3.8	0.0
10/12/2023 22:20	2.5	239	18	3.6	0.0
10/12/2023 22:30	2.3	236	18	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 22:40	2.1	237	16	2.8	0.0
10/12/2023 22:50	2.2	232	15	3.3	0.0
10/12/2023 23:00	2.3	232	19	3.6	0.0
10/12/2023 23:10	2.6	233	17	3.9	0.0
10/12/2023 23:20	2.4	240	16	3.5	0.0
10/12/2023 23:30	2.3	245	18	3.7	0.0
10/12/2023 23:40	2.3	243	15	3.3	0.0
10/12/2023 23:50	2.0	242	18	3.0	0.0
11/12/2023 00:00	1.7	236	22	3.1	0.0
11/12/2023 00:10	2.3	226	19	3.6	0.0
11/12/2023 00:20	1.8	234	16	2.6	0.0
11/12/2023 00:30	2.2	252	20	3.6	0.0
11/12/2023 00:40	2.2	260	16	3.1	0.0
11/12/2023 00:50	1.9	269	14	2.7	0.0
11/12/2023 01:00	2.0	264	13	2.9	0.0
11/12/2023 01:10	2.0	266	13	2.9	0.0
11/12/2023 01:20	1.8	260	13	2.4	0.0
11/12/2023 01:30	1.9	269	17	2.8	0.0
11/12/2023 01:40	1.9	260	18	2.6	0.0
11/12/2023 01:50	1.8	216	18	2.6	0.0
11/12/2023 02:00	2.1	242	16	2.9	0.0
11/12/2023 02:10	1.5	244	19	2.3	0.0
11/12/2023 02:20	1.3	239	21	2.1	0.0
11/12/2023 02:30	1.8	247	14	2.8	0.0
11/12/2023 02:40	1.7	234	18	2.8	0.0
11/12/2023 02:50	1.4	183	28	2.2	0.0
11/12/2023 03:00	1.2	165	24	2.6	0.0
11/12/2023 03:10	0.8	127	41	1.7	0.0
11/12/2023 03:20	0.4	99	33	1.0	0.0
11/12/2023 03:30	0.9	110	38	1.8	0.0
11/12/2023 03:40	1.3	101	26	2.3	0.0
11/12/2023 03:50	1.3	80	24	2.1	0.0
11/12/2023 04:00	2.0	78	20	3.2	0.0
11/12/2023 04:10	2.0	100	31	4.2	0.0
11/12/2023 04:20	2.0	104	27	3.6	0.0
11/12/2023 04:30	2.7	95	27	4.7	0.0
11/12/2023 04:40	2.7	96	25	4.5	0.0
11/12/2023 04:50	2.5	99	26	4.4	0.0
11/12/2023 05:00	2.2	99	27	3.7	0.0
11/12/2023 05:10	2.5	105	34	4.5	0.0
11/12/2023 05:20	2.1	107	30	3.5	0.0
11/12/2023 05:30	2.4	97	26	3.9	0.0
11/12/2023 05:40	2.5	104	29	4.1	0.0
11/12/2023 05:50	2.7	105	32	5.2	0.0
11/12/2023 06:00	2.7	100	31	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 06:10	2.8	108	31	4.4	0.0
11/12/2023 06:20	3.6	101	26	6.1	0.0
11/12/2023 06:30	3.3	107	29	5.6	0.0
11/12/2023 06:40	3.6	112	31	5.8	0.0
11/12/2023 06:50	3.5	105	26	6.2	0.0
11/12/2023 07:00	3.4	101	32	5.1	0.0
11/12/2023 07:10	4.3	102	26	7.1	0.0
11/12/2023 07:20	4.1	107	31	6.8	0.0
11/12/2023 07:30	4.1	108	30	7.2	0.0
11/12/2023 07:40	4.1	105	29	6.8	0.0
11/12/2023 07:50	4.2	102	30	7.0	0.0
11/12/2023 08:00	3.9	105	29	6.6	0.0
11/12/2023 08:10	3.9	104	32	6.5	0.0
11/12/2023 08:20	4.2	104	32	7.6	0.0
11/12/2023 08:30	4.5	104	24	7.5	0.0
11/12/2023 08:40	4.6	89	25	8.5	0.0
11/12/2023 08:50	5.6	85	15	8.9	0.0
11/12/2023 09:00	4.9	89	20	7.8	0.0
11/12/2023 09:10	5.0	90	20	7.8	0.0
11/12/2023 09:20	4.9	87	21	7.6	0.0
11/12/2023 09:30	4.5	89	22	7.2	0.0
11/12/2023 09:40	4.3	83	23	7.1	0.0
11/12/2023 09:50	4.1	88	21	6.3	0.0
11/12/2023 10:00	4.5	76	20	7.3	0.0
11/12/2023 10:10	4.6	74	23	7.5	0.0
11/12/2023 10:20	4.3	73	20	6.6	0.0
11/12/2023 10:30	4.3	83	21	6.9	0.0
11/12/2023 10:40	4.3	82	19	6.8	0.0
11/12/2023 10:50	3.9	73	24	6.0	0.0
11/12/2023 11:00	4.1	73	22	6.0	0.0
11/12/2023 11:10	4.0	60	22	6.4	0.0
11/12/2023 11:20	3.9	62	24	6.4	0.0
11/12/2023 11:30	4.2	60	19	6.4	0.0
11/12/2023 11:40	3.9	62	21	6.4	0.0
11/12/2023 11:50	4.0	62	21	7.1	0.0
11/12/2023 12:00	3.9	65	21	6.0	0.0
11/12/2023 12:10	4.0	63	20	6.4	0.0
11/12/2023 12:20	4.1	58	21	6.2	0.0
11/12/2023 12:30	3.9	61	24	6.0	0.0
11/12/2023 12:40	4.1	60	22	6.5	0.0
11/12/2023 12:50	4.1	65	20	6.4	0.0
11/12/2023 13:00	3.7	64	22	6.0	0.0
11/12/2023 13:10	4.1	58	21	6.7	0.0
11/12/2023 13:20	4.5	54	18	7.2	0.0
11/12/2023 13:30	3.9	51	20	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 13:40	4.1	55	20	6.6	0.0
11/12/2023 13:50	4.0	51	22	6.4	0.0
11/12/2023 14:00	4.0	53	24	6.8	0.0
11/12/2023 14:10	3.7	59	20	6.3	0.0
11/12/2023 14:20	3.8	56	21	6.0	0.0
11/12/2023 14:30	4.1	53	18	6.5	0.0
11/12/2023 14:40	3.7	58	22	5.6	0.0
11/12/2023 14:50	3.6	49	20	5.4	0.0
11/12/2023 15:00	3.8	59	20	5.8	0.0
11/12/2023 15:10	3.8	62	20	5.8	0.0
11/12/2023 15:20	3.7	57	21	5.5	0.0
11/12/2023 15:30	3.5	55	18	6.4	0.0
11/12/2023 15:40	3.4	63	19	5.0	0.0
11/12/2023 15:50	3.5	47	21	5.8	0.0
11/12/2023 16:00	3.0	35	27	4.7	0.0
11/12/2023 16:10	3.3	17	31	6.3	0.0
11/12/2023 16:20	3.3	5	28	4.8	0.0
11/12/2023 16:30	3.3	9	32	5.6	0.0
11/12/2023 16:40	3.6	6	31	6.0	0.0
11/12/2023 16:50	3.4	13	26	5.7	0.0
11/12/2023 17:00	3.4	186	31	5.9	0.0
11/12/2023 17:10	3.4	5	35	5.9	0.0
11/12/2023 17:20	3.2	181	31	5.6	0.0
11/12/2023 17:30	3.2	355	34	4.8	0.0
11/12/2023 17:40	3.5	13	29	5.4	0.0
11/12/2023 17:50	3.0	349	28	5.5	0.0
11/12/2023 18:00	3.1	343	32	5.4	0.0
11/12/2023 18:10	3.1	330	37	5.7	0.0
11/12/2023 18:20	3.1	334	36	6.4	0.0
11/12/2023 18:30	3.3	330	32	5.2	0.0
11/12/2023 18:40	2.8	317	36	5.0	0.0
11/12/2023 18:50	2.5	289	41	4.3	0.0
11/12/2023 19:00	2.0	290	45	3.8	0.0
11/12/2023 19:10	2.4	265	32	4.4	0.0
11/12/2023 19:20	2.4	273	36	4.0	0.0
11/12/2023 19:30	2.7	262	31	4.0	0.0
11/12/2023 19:40	2.4	269	27	4.0	0.0
11/12/2023 19:50	2.6	263	24	4.0	0.0
11/12/2023 20:00	2.7	255	25	4.0	0.0
11/12/2023 20:10	2.5	258	22	4.0	0.0
11/12/2023 20:20	2.2	258	23	4.0	0.0
11/12/2023 20:30	2.6	258	20	3.8	0.0
11/12/2023 20:40	2.7	253	18	4.4	0.0
11/12/2023 20:50	2.9	254	18	4.1	0.0
11/12/2023 21:00	2.6	255	19	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 21:10	2.2	252	17	3.5	0.0
11/12/2023 21:20	2.0	259	20	3.3	0.0
11/12/2023 21:30	3.0	254	16	4.6	0.0
11/12/2023 21:40	3.1	252	14	4.6	0.0
11/12/2023 21:50	2.7	253	14	4.2	0.0
11/12/2023 22:00	3.0	251	13	4.4	0.0
11/12/2023 22:10	3.4	253	14	4.6	0.0
11/12/2023 22:20	3.4	248	15	4.7	0.0
11/12/2023 22:30	3.2	249	16	4.4	0.0
11/12/2023 22:40	2.9	246	15	4.1	0.0
11/12/2023 22:50	2.9	248	17	4.5	0.0
11/12/2023 23:00	3.3	252	14	4.5	0.0
11/12/2023 23:10	2.7	249	17	4.1	0.0
11/12/2023 23:20	2.8	246	16	4.1	0.0
11/12/2023 23:30	2.6	245	20	4.0	0.0
11/12/2023 23:40	2.3	247	16	3.4	0.0
11/12/2023 23:50	2.4	248	17	3.8	0.0
12/12/2023 00:00	2.5	244	16	3.9	0.0
12/12/2023 00:10	2.8	239	17	4.0	0.0
12/12/2023 00:20	2.8	233	15	4.0	0.0
12/12/2023 00:30	2.9	232	16	4.2	0.0
12/12/2023 00:40	3.0	236	15	4.4	0.0
12/12/2023 00:50	2.7	241	17	4.1	0.0
12/12/2023 01:00	2.6	241	17	3.8	0.0
12/12/2023 01:10	2.9	238	17	4.4	0.0
12/12/2023 01:20	2.9	233	20	4.2	0.0
12/12/2023 01:30	3.0	229	15	4.5	0.0
12/12/2023 01:40	3.1	235	15	4.7	0.0
12/12/2023 01:50	2.4	244	20	3.9	0.0
12/12/2023 02:00	2.1	248	20	3.2	0.0
12/12/2023 02:10	2.1	247	17	3.2	0.0
12/12/2023 02:20	2.2	247	18	3.3	0.0
12/12/2023 02:30	2.0	246	18	3.3	0.0
12/12/2023 02:40	2.4	245	20	3.9	0.0
12/12/2023 02:50	2.6	245	18	4.2	0.0
12/12/2023 03:00	2.9	243	18	4.6	0.0
12/12/2023 03:10	3.4	245	21	5.6	0.0
12/12/2023 03:20	3.3	243	18	5.2	0.0
12/12/2023 03:30	2.5	227	18	4.7	0.0
12/12/2023 03:40	2.9	233	17	4.2	0.0
12/12/2023 03:50	3.4	238	19	5.0	0.0
12/12/2023 04:00	2.7	230	21	3.8	0.0
12/12/2023 04:10	2.4	231	18	3.5	0.0
12/12/2023 04:20	2.4	234	19	3.6	0.0
12/12/2023 04:30	2.3	231	25	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 04:40	2.2	224	18	3.1	0.0
12/12/2023 04:50	2.2	231	24	4.3	0.0
12/12/2023 05:00	2.0	235	20	3.1	0.0
12/12/2023 05:10	2.5	239	19	3.8	0.0
12/12/2023 05:20	3.0	242	14	3.9	0.0
12/12/2023 05:30	2.9	241	17	4.0	0.0
12/12/2023 05:40	2.7	245	16	3.7	0.0
12/12/2023 05:50	2.7	236	18	3.9	0.0
12/12/2023 06:00	2.6	242	20	3.6	0.0
12/12/2023 06:10	2.5	240	18	3.8	0.0
12/12/2023 06:20	1.9	232	22	2.9	0.0
12/12/2023 06:30	2.0	236	21	3.0	0.0
12/12/2023 06:40	2.4	223	18	3.2	0.0
12/12/2023 06:50	2.6	218	15	3.7	0.0
12/12/2023 07:00	2.7	216	21	4.0	0.0
12/12/2023 07:10	2.5	201	22	4.0	0.0
12/12/2023 07:20	3.1	204	19	4.1	0.0
12/12/2023 07:30	2.6	195	20	3.9	0.0
12/12/2023 07:40	2.3	173	21	3.7	0.0
12/12/2023 07:50	2.4	182	21	3.8	0.0
12/12/2023 08:00	2.4	196	24	3.6	0.0
12/12/2023 08:10	1.6	172	38	2.7	0.0
12/12/2023 08:20	2.4	186	27	3.6	0.0
12/12/2023 08:30	1.6	141	31	2.8	0.0
12/12/2023 08:40	1.5	128	34	2.5	0.0
12/12/2023 08:50	1.6	124	44	2.8	0.0
12/12/2023 09:00	1.8	135	29	2.8	0.0
12/12/2023 09:10	1.8	123	35	3.2	0.0
12/12/2023 09:20	1.7	135	34	2.7	0.0
12/12/2023 09:30	1.9	144	37	3.6	0.0
12/12/2023 09:40	2.1	113	29	4.1	0.0
12/12/2023 09:50	2.1	98	39	3.6	0.0
12/12/2023 10:00	2.5	84	25	4.2	0.0
12/12/2023 10:10	2.6	85	27	4.1	0.0
12/12/2023 10:20	2.6	75	29	4.6	0.0
12/12/2023 10:30	2.9	66	22	4.8	0.0
12/12/2023 10:40	3.0	65	23	5.1	0.0
12/12/2023 10:50	3.3	63	24	5.2	0.0
12/12/2023 11:00	3.1	59	24	5.2	0.0
12/12/2023 11:10	3.3	65	20	4.9	0.0
12/12/2023 11:20	3.2	63	22	5.0	0.0
12/12/2023 11:30	3.3	62	25	4.9	0.0
12/12/2023 11:40	3.7	68	18	5.7	0.0
12/12/2023 11:50	3.6	66	21	5.4	0.0
12/12/2023 12:00	3.7	65	21	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 12:10	3.4	67	21	4.8	0.0
12/12/2023 12:20	3.4	66	20	5.3	0.0
12/12/2023 12:30	3.4	69	21	5.3	0.0
12/12/2023 12:40	3.4	67	25	5.2	0.0
12/12/2023 12:50	3.3	66	21	4.9	0.0
12/12/2023 13:00	3.4	66	21	5.2	0.0
12/12/2023 13:10	3.3	76	17	5.3	0.0
12/12/2023 13:20	3.5	81	19	5.6	0.0
12/12/2023 13:30	3.3	78	24	5.5	0.0
12/12/2023 13:40	3.6	68	19	5.2	0.0
12/12/2023 13:50	3.6	62	21	6.0	0.0
12/12/2023 14:00	3.7	68	21	5.1	0.0
12/12/2023 14:10	3.1	64	22	5.4	0.0
12/12/2023 14:20	3.0	51	29	5.1	0.0
12/12/2023 14:30	2.5	195	39	3.8	0.0
12/12/2023 14:40	2.7	7	31	4.4	0.0
12/12/2023 14:50	2.4	15	41	4.2	0.0
12/12/2023 15:00	2.9	173	35	5.6	0.0
12/12/2023 15:10	3.1	15	30	5.2	0.0
12/12/2023 15:20	3.2	13	30	5.0	0.0
12/12/2023 15:30	3.0	350	32	4.8	0.0
12/12/2023 15:40	3.0	10	32	4.8	0.0
12/12/2023 15:50	3.4	7	26	5.7	0.0
12/12/2023 16:00	3.6	21	26	5.8	0.0
12/12/2023 16:10	3.4	16	30	5.7	0.0
12/12/2023 16:20	3.5	7	27	5.4	0.0
12/12/2023 16:30	3.2	5	29	5.6	0.0
12/12/2023 16:40	3.3	10	36	5.4	0.0
12/12/2023 16:50	3.6	11	35	6.6	0.0
12/12/2023 17:00	3.7	16	26	5.9	0.0
12/12/2023 17:10	2.9	16	32	5.1	0.0
12/12/2023 17:20	2.7	178	33	4.6	0.0
12/12/2023 17:30	3.4	326	28	6.0	0.0
12/12/2023 17:40	3.7	322	28	5.8	0.0
12/12/2023 17:50	3.2	321	35	5.3	0.0
12/12/2023 18:00	3.5	323	31	6.0	0.0
12/12/2023 18:10	3.0	328	29	4.8	0.0
12/12/2023 18:20	2.8	318	32	5.2	0.0
12/12/2023 18:30	3.1	323	28	5.4	0.0
12/12/2023 18:40	2.4	315	39	4.6	0.0
12/12/2023 18:50	2.1	297	44	4.3	0.0
12/12/2023 19:00	2.0	286	54	3.6	0.0
12/12/2023 19:10	2.5	282	36	4.7	0.0
12/12/2023 19:20	3.0	258	27	4.8	0.0
12/12/2023 19:30	3.2	263	24	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 19:40	3.4	255	21	5.2	0.0
12/12/2023 19:50	3.1	255	26	5.1	0.0
12/12/2023 20:00	3.0	262	26	4.4	0.0
12/12/2023 20:10	2.7	263	25	4.3	0.0
12/12/2023 20:20	2.6	263	27	3.9	0.0
12/12/2023 20:30	3.0	259	17	4.8	0.0
12/12/2023 20:40	3.2	251	18	4.8	0.0
12/12/2023 20:50	3.7	249	16	5.3	0.0
12/12/2023 21:00	3.5	253	17	5.3	0.0
12/12/2023 21:10	3.6	250	17	6.1	0.0
12/12/2023 21:20	4.3	247	16	6.2	0.0
12/12/2023 21:30	4.0	248	16	6.5	0.0
12/12/2023 21:40	3.9	250	16	5.6	0.0
12/12/2023 21:50	3.8	254	17	5.6	0.0
12/12/2023 22:00	4.0	248	16	5.6	0.0
12/12/2023 22:10	4.4	250	16	6.4	0.0
12/12/2023 22:20	4.3	250	15	6.2	0.0
12/12/2023 22:30	4.1	247	14	6.2	0.0
12/12/2023 22:40	4.3	247	13	6.0	0.0
12/12/2023 22:50	3.8	249	17	5.2	0.0
12/12/2023 23:00	3.7	245	15	4.9	0.0
12/12/2023 23:10	4.3	248	18	6.4	0.0
12/12/2023 23:20	3.9	251	15	6.0	0.0
12/12/2023 23:30	4.0	251	16	5.7	0.0
12/12/2023 23:40	3.6	247	18	5.1	0.0
12/12/2023 23:50	3.8	251	16	5.7	0.0
13/12/2023 00:00	4.0	249	15	5.9	0.0
13/12/2023 00:10	3.5	250	16	5.3	0.0
13/12/2023 00:20	3.8	242	17	6.3	0.0
13/12/2023 00:30	3.8	244	18	5.2	0.0
13/12/2023 00:40	3.6	242	19	5.7	0.0
13/12/2023 00:50	4.0	240	16	5.7	0.0
13/12/2023 01:00	4.0	243	19	6.1	0.0
13/12/2023 01:10	3.4	237	18	5.2	0.0
13/12/2023 01:20	2.9	231	15	4.0	0.0
13/12/2023 01:30	2.8	231	17	4.0	0.0
13/12/2023 01:40	2.1	234	20	3.2	0.0
13/12/2023 01:50	2.8	236	14	4.0	0.0
13/12/2023 02:00	2.9	236	21	4.5	0.0
13/12/2023 02:10	2.7	237	15	4.0	0.0
13/12/2023 02:20	2.2	236	16	3.7	0.0
13/12/2023 02:30	2.0	234	17	3.2	0.0
13/12/2023 02:40	2.5	244	16	3.6	0.0
13/12/2023 02:50	2.6	240	17	3.6	0.0
13/12/2023 03:00	2.7	240	18	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 03:10	2.7	236	17	4.2	0.0
13/12/2023 03:20	2.6	243	15	3.5	0.0
13/12/2023 03:30	2.4	241	18	3.8	0.0
13/12/2023 03:40	3.2	235	16	4.7	0.0
13/12/2023 03:50	3.1	233	17	4.4	0.0
13/12/2023 04:00	2.8	234	20	4.4	0.0
13/12/2023 04:10	2.2	249	18	3.3	0.0
13/12/2023 04:20	2.2	250	17	3.3	0.0
13/12/2023 04:30	2.7	252	17	4.0	0.0
13/12/2023 04:40	2.7	253	14	4.1	0.0
13/12/2023 04:50	2.6	245	15	4.2	0.0
13/12/2023 05:00	2.8	228	16	4.0	0.0
13/12/2023 05:10	3.4	230	16	4.8	0.0
13/12/2023 05:20	3.0	235	16	4.4	0.0
13/12/2023 05:30	2.8	236	19	4.3	0.0
13/12/2023 05:40	3.1	236	18	4.7	0.0
13/12/2023 05:50	3.5	229	17	5.2	0.0
13/12/2023 06:00	3.1	231	16	4.4	0.0
13/12/2023 06:10	3.2	231	16	4.8	0.0
13/12/2023 06:20	3.6	235	18	5.4	0.0
13/12/2023 06:30	3.8	239	19	5.3	0.0
13/12/2023 06:40	3.8	239	18	5.1	0.0
13/12/2023 06:50	3.6	232	18	5.7	0.0
13/12/2023 07:00	4.3	241	17	5.8	0.0
13/12/2023 07:10	4.5	235	16	6.4	0.0
13/12/2023 07:20	4.2	239	15	5.8	0.0
13/12/2023 07:30	4.2	231	19	6.0	0.0
13/12/2023 07:40	4.2	241	19	6.3	0.0
13/12/2023 07:50	3.9	248	20	5.5	0.0
13/12/2023 08:00	3.8	252	19	5.5	0.0
13/12/2023 08:10	3.9	250	21	6.0	0.0
13/12/2023 08:20	4.1	252	19	6.4	0.0
13/12/2023 08:30	3.7	254	19	5.3	0.0
13/12/2023 08:40	3.9	248	20	5.3	0.0
13/12/2023 08:50	3.4	258	17	4.9	0.0
13/12/2023 09:00	3.5	260	17	4.8	0.0
13/12/2023 09:10	2.9	245	26	4.2	0.0
13/12/2023 09:20	3.1	244	19	4.8	0.0
13/12/2023 09:30	2.9	255	26	4.4	0.0
13/12/2023 09:40	3.0	259	17	4.7	0.0
13/12/2023 09:50	3.0	258	24	4.5	0.0
13/12/2023 10:00	3.2	251	21	4.9	0.0
13/12/2023 10:10	3.0	247	26	4.7	0.0
13/12/2023 10:20	2.9	254	19	4.8	0.0
13/12/2023 10:30	2.8	232	25	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 10:40	2.8	253	27	4.2	0.0
13/12/2023 10:50	2.8	237	24	4.5	0.0
13/12/2023 11:00	2.8	233	23	4.4	0.0
13/12/2023 11:10	3.0	233	27	4.9	0.0
13/12/2023 11:20	2.8	248	31	4.7	0.0
13/12/2023 11:30	3.3	245	22	5.4	0.0
13/12/2023 11:40	2.7	256	33	4.3	0.0
13/12/2023 11:50	2.6	275	32	3.8	0.0
13/12/2023 12:00	2.5	272	40	4.8	0.0
13/12/2023 12:10	2.7	299	43	4.3	0.0
13/12/2023 12:20	3.0	279	43	4.5	0.0
13/12/2023 12:30	2.7	285	43	4.4	0.0
13/12/2023 12:40	2.6	286	50	5.2	0.0
13/12/2023 12:50	3.0	297	40	4.9	0.0
13/12/2023 13:00	2.9	293	49	5.2	0.0
13/12/2023 13:10	3.2	310	40	5.9	0.0
13/12/2023 13:20	3.1	302	39	5.0	0.0
13/12/2023 13:30	3.5	314	29	5.2	0.0
13/12/2023 13:40	3.4	322	27	5.3	0.0
13/12/2023 13:50	3.3	324	24	5.2	0.0
13/12/2023 14:00	2.9	327	27	5.2	0.0
13/12/2023 14:10	3.1	313	38	5.1	0.0
13/12/2023 14:20	3.2	323	26	5.3	0.0
13/12/2023 14:30	2.9	314	39	4.5	0.0
13/12/2023 14:40	3.5	321	26	5.6	0.0
13/12/2023 14:50	3.0	307	42	5.6	0.0
13/12/2023 15:00	3.1	316	36	5.6	0.0
13/12/2023 15:10	3.6	311	26	6.1	0.0
13/12/2023 15:20	3.0	308	34	5.3	0.0
13/12/2023 15:30	3.0	300	37	5.0	0.0
13/12/2023 15:40	3.4	320	29	5.6	0.0
13/12/2023 15:50	3.0	321	35	5.2	0.0
13/12/2023 16:00	3.0	308	35	5.2	0.0
13/12/2023 16:10	2.9	311	40	4.7	0.0
13/12/2023 16:20	3.2	307	37	5.3	0.0
13/12/2023 16:30	3.0	310	36	5.5	0.0
13/12/2023 16:40	3.3	314	31	5.6	0.0
13/12/2023 16:50	2.8	280	36	4.6	0.0
13/12/2023 17:00	2.7	299	35	4.8	0.0
13/12/2023 17:10	2.1	288	41	4.1	0.0
13/12/2023 17:20	2.3	300	44	4.3	0.0
13/12/2023 17:30	2.5	295	40	4.4	0.0
13/12/2023 17:40	2.5	285	37	4.0	0.0
13/12/2023 17:50	2.6	271	32	4.3	0.0
13/12/2023 18:00	3.2	264	24	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 18:10	2.9	256	25	4.2	0.0
13/12/2023 18:20	2.9	261	21	4.5	0.0
13/12/2023 18:30	2.3	277	28	3.8	0.0
13/12/2023 18:40	2.7	261	22	4.2	0.0
13/12/2023 18:50	3.2	255	15	4.7	0.0
13/12/2023 19:00	3.2	253	16	4.7	0.0
13/12/2023 19:10	2.9	257	20	4.6	0.0
13/12/2023 19:20	2.6	258	18	3.9	0.0
13/12/2023 19:30	2.5	260	22	4.0	0.0
13/12/2023 19:40	2.8	260	22	4.3	0.0
13/12/2023 19:50	3.0	255	17	4.9	0.0
13/12/2023 20:00	3.3	253	17	4.8	0.0
13/12/2023 20:10	3.3	253	15	4.8	0.0
13/12/2023 20:20	3.2	252	15	4.8	0.0
13/12/2023 20:30	3.4	254	13	4.8	0.0
13/12/2023 20:40	3.6	253	16	5.1	0.0
13/12/2023 20:50	3.8	252	15	5.6	0.0
13/12/2023 21:00	3.8	253	18	6.0	0.0
13/12/2023 21:10	3.4	253	15	5.2	0.0
13/12/2023 21:20	3.9	253	15	5.6	0.0
13/12/2023 21:30	3.3	260	16	5.1	0.0
13/12/2023 21:40	3.4	250	16	4.8	0.0
13/12/2023 21:50	3.4	251	18	5.2	0.0
13/12/2023 22:00	3.9	254	13	5.6	0.0
13/12/2023 22:10	3.5	256	20	5.3	0.0
13/12/2023 22:20	4.3	249	14	6.2	0.0
13/12/2023 22:30	4.1	252	17	6.0	0.0
13/12/2023 22:40	4.3	255	14	5.8	0.0
13/12/2023 22:50	3.9	245	17	5.6	0.0
13/12/2023 23:00	3.6	237	18	5.4	0.0
13/12/2023 23:10	3.7	233	19	5.0	0.0
13/12/2023 23:20	3.7	242	16	5.7	0.0
13/12/2023 23:30	3.6	239	16	5.2	0.0
13/12/2023 23:40	4.0	233	17	5.8	0.0
13/12/2023 23:50	3.5	238	16	5.6	0.0
14/12/2023 00:00	3.3	241	17	5.0	0.0
14/12/2023 00:10	3.7	237	15	5.7	0.0
14/12/2023 00:20	3.0	236	19	4.9	0.0
14/12/2023 00:30	3.3	235	18	5.5	0.0
14/12/2023 00:40	3.8	237	14	5.5	0.0
14/12/2023 00:50	3.3	236	15	5.5	0.0
14/12/2023 01:00	2.9	242	17	4.2	0.0
14/12/2023 01:10	2.6	246	15	3.8	0.0
14/12/2023 01:20	2.3	251	15	3.3	0.0
14/12/2023 01:30	2.7	245	18	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 01:40	2.7	249	18	4.4	0.0
14/12/2023 01:50	2.8	238	17	4.6	0.0
14/12/2023 02:00	2.5	230	17	4.2	0.0
14/12/2023 02:10	2.6	237	17	4.0	0.0
14/12/2023 02:20	2.4	235	18	3.6	0.0
14/12/2023 02:30	2.7	239	16	3.6	0.0
14/12/2023 02:40	2.2	244	16	3.6	0.0
14/12/2023 02:50	2.2	248	19	3.6	0.0
14/12/2023 03:00	2.0	246	17	3.2	0.0
14/12/2023 03:10	2.6	234	19	4.0	0.0
14/12/2023 03:20	2.4	241	16	3.7	0.0
14/12/2023 03:30	1.9	256	16	2.7	0.0
14/12/2023 03:40	1.9	257	16	2.8	0.0
14/12/2023 03:50	2.0	254	17	2.9	0.0
14/12/2023 04:00	2.2	250	19	3.5	0.0
14/12/2023 04:10	2.7	244	15	4.0	0.0
14/12/2023 04:20	3.0	242	16	4.2	0.0
14/12/2023 04:30	2.7	248	17	4.3	0.0
14/12/2023 04:40	2.6	250	17	3.7	0.0
14/12/2023 04:50	2.6	249	15	3.9	0.0
14/12/2023 05:00	2.8	253	15	4.4	0.0
14/12/2023 05:10	2.9	250	19	4.1	0.0
14/12/2023 05:20	2.5	248	17	4.2	0.0
14/12/2023 05:30	2.4	246	15	3.6	0.0
14/12/2023 05:40	2.4	249	16	3.5	0.0
14/12/2023 05:50	2.8	256	19	3.8	0.0
14/12/2023 06:00	3.0	244	17	4.4	0.0
14/12/2023 06:10	3.1	241	16	4.7	0.0
14/12/2023 06:20	3.3	249	19	4.7	0.0
14/12/2023 06:30	3.5	256	15	5.0	0.0
14/12/2023 06:40	3.4	250	14	4.9	0.0
14/12/2023 06:50	3.8	246	16	5.2	0.0
14/12/2023 07:00	4.0	244	17	5.5	0.0
14/12/2023 07:10	4.0	248	18	5.9	0.0
14/12/2023 07:20	4.3	252	15	6.4	0.0
14/12/2023 07:30	4.2	254	17	5.7	0.0
14/12/2023 07:40	4.0	243	19	5.6	0.0
14/12/2023 07:50	4.4	249	15	6.0	0.0
14/12/2023 08:00	4.2	246	17	5.6	0.0
14/12/2023 08:10	4.1	246	17	5.8	0.0
14/12/2023 08:20	4.3	250	17	5.6	0.0
14/12/2023 08:30	4.1	253	16	6.0	0.0
14/12/2023 08:40	3.7	252	19	5.6	0.0
14/12/2023 08:50	3.5	256	18	5.1	0.0
14/12/2023 09:00	3.3	259	17	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 09:10	3.0	253	21	4.4	0.0
14/12/2023 09:20	3.0	253	21	4.6	0.0
14/12/2023 09:30	3.1	255	23	4.6	0.0
14/12/2023 09:40	3.1	249	24	4.8	0.0
14/12/2023 09:50	2.8	253	24	4.4	0.0
14/12/2023 10:00	2.6	253	29	4.4	0.0
14/12/2023 10:10	2.6	293	39	4.4	0.0
14/12/2023 10:20	2.8	304	31	4.0	0.0
14/12/2023 10:30	2.2	317	39	3.4	0.0
14/12/2023 10:40	2.3	292	45	3.8	0.0
14/12/2023 10:50	2.6	298	38	4.3	0.0
14/12/2023 11:00	2.4	306	45	3.7	0.0
14/12/2023 11:10	2.6	296	33	3.7	0.0
14/12/2023 11:20	2.5	289	39	4.0	0.0
14/12/2023 11:30	2.9	319	40	5.6	0.0
14/12/2023 11:40	3.3	332	31	5.5	0.0
14/12/2023 11:50	3.6	327	27	5.7	0.0
14/12/2023 12:00	4.1	328	25	6.4	0.0
14/12/2023 12:10	3.3	322	38	5.2	0.0
14/12/2023 12:20	3.6	315	35	5.9	0.0
14/12/2023 12:30	3.6	323	32	5.6	0.0
14/12/2023 12:40	3.1	317	42	5.8	0.0
14/12/2023 12:50	3.8	320	34	6.4	0.0
14/12/2023 13:00	3.9	321	35	6.8	0.0
14/12/2023 13:10	3.3	306	43	5.9	0.0
14/12/2023 13:20	3.9	325	36	6.8	0.0
14/12/2023 13:30	4.2	322	27	7.7	0.0
14/12/2023 13:40	4.0	335	33	7.3	0.0
14/12/2023 13:50	4.5	328	25	6.8	0.0
14/12/2023 14:00	4.1	320	34	6.8	0.0
14/12/2023 14:10	3.1	305	49	7.4	0.0
14/12/2023 14:20	3.7	322	35	6.2	0.0
14/12/2023 14:30	3.8	324	34	6.4	0.0
14/12/2023 14:40	3.8	313	30	6.6	0.0
14/12/2023 14:50	3.6	310	40	6.3	0.0
14/12/2023 15:00	3.5	311	39	6.5	0.0
14/12/2023 15:10	4.3	322	29	7.0	0.0
14/12/2023 15:20	3.4	293	43	5.6	0.0
14/12/2023 15:30	3.5	303	41	6.0	0.0
14/12/2023 15:40	3.1	309	41	5.5	0.0
14/12/2023 15:50	3.1	295	41	4.9	0.0
14/12/2023 16:00	2.9	294	44	5.3	0.0
14/12/2023 16:10	3.1	309	37	5.4	0.0
14/12/2023 16:20	3.4	308	35	6.0	0.0
14/12/2023 16:30	3.3	299	45	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 16:40	3.3	299	39	6.1	0.0
14/12/2023 16:50	3.2	312	37	5.0	0.0
14/12/2023 17:00	3.5	307	32	5.5	0.0
14/12/2023 17:10	3.3	303	40	5.6	0.0
14/12/2023 17:20	3.5	316	34	6.4	0.0
14/12/2023 17:30	3.5	312	34	5.9	0.0
14/12/2023 17:40	3.2	299	38	5.9	0.0
14/12/2023 17:50	2.7	282	41	4.6	0.0
14/12/2023 18:00	2.9	279	29	4.9	0.0
14/12/2023 18:10	2.7	284	36	4.5	0.0
14/12/2023 18:20	2.5	278	36	4.8	0.0
14/12/2023 18:30	2.6	280	32	4.3	0.0
14/12/2023 18:40	2.7	283	34	4.7	0.0
14/12/2023 18:50	3.0	266	32	5.0	0.0
14/12/2023 19:00	2.8	274	35	4.9	0.0
14/12/2023 19:10	3.0	264	30	5.2	0.0
14/12/2023 19:20	3.5	259	21	5.5	0.0
14/12/2023 19:30	3.5	264	25	5.3	0.0
14/12/2023 19:40	3.4	263	23	5.2	0.0
14/12/2023 19:50	3.7	261	19	5.7	0.0
14/12/2023 20:00	3.0	265	22	4.7	0.0
14/12/2023 20:10	3.6	252	17	5.3	0.0
14/12/2023 20:20	4.0	258	16	6.0	0.0
14/12/2023 20:30	4.1	250	17	6.0	0.0
14/12/2023 20:40	3.8	254	14	5.5	0.0
14/12/2023 20:50	4.3	253	14	6.3	0.0
14/12/2023 21:00	4.4	253	18	6.4	0.0
14/12/2023 21:10	3.9	249	13	5.9	0.0
14/12/2023 21:20	3.7	248	16	5.3	0.0
14/12/2023 21:30	3.8	251	16	5.6	0.0
14/12/2023 21:40	3.8	249	16	5.3	0.0
14/12/2023 21:50	4.2	253	16	6.0	0.0
14/12/2023 22:00	4.1	252	14	6.0	0.0
14/12/2023 22:10	3.6	254	18	5.6	0.0
14/12/2023 22:20	3.4	249	16	4.9	0.0
14/12/2023 22:30	3.7	251	16	5.2	0.0
14/12/2023 22:40	3.5	249	16	5.2	0.0
14/12/2023 22:50	3.9	249	16	5.6	0.0
14/12/2023 23:00	3.7	253	16	6.0	0.0
14/12/2023 23:10	4.0	249	15	6.0	0.0
14/12/2023 23:20	3.7	251	15	5.5	0.0
14/12/2023 23:30	4.0	250	15	5.6	0.0
14/12/2023 23:40	4.1	250	17	6.4	0.0
14/12/2023 23:50	3.5	259	16	5.5	0.0
15/12/2023 00:00	3.8	254	14	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 00:10	4.2	252	16	6.4	0.0
15/12/2023 00:20	3.9	249	16	5.6	0.0
15/12/2023 00:30	4.2	248	16	6.5	0.0
15/12/2023 00:40	3.3	253	18	5.4	0.0
15/12/2023 00:50	3.2	254	18	4.6	0.0
15/12/2023 01:00	3.5	252	16	5.2	0.0
15/12/2023 01:10	3.1	253	17	4.4	0.0
15/12/2023 01:20	2.7	256	16	4.0	0.0
15/12/2023 01:30	3.0	256	20	4.5	0.0
15/12/2023 01:40	2.5	259	18	3.9	0.0
15/12/2023 01:50	2.9	254	17	4.3	0.0
15/12/2023 02:00	2.4	262	17	3.4	0.0
15/12/2023 02:10	1.9	266	21	3.3	0.0
15/12/2023 02:20	2.1	263	19	2.8	0.0
15/12/2023 02:30	1.8	269	24	2.8	0.0
15/12/2023 02:40	2.4	257	14	3.6	0.0
15/12/2023 02:50	2.7	262	16	4.2	0.0
15/12/2023 03:00	3.7	258	14	5.3	0.0
15/12/2023 03:10	3.5	262	18	5.0	0.0
15/12/2023 03:20	3.2	259	17	4.8	0.0
15/12/2023 03:30	3.6	259	13	5.1	0.0
15/12/2023 03:40	3.2	257	14	4.5	0.0
15/12/2023 03:50	3.4	256	15	5.0	0.0
15/12/2023 04:00	2.4	258	19	3.9	0.0
15/12/2023 04:10	2.1	261	19	3.6	0.0
15/12/2023 04:20	2.7	255	17	4.0	0.0
15/12/2023 04:30	2.9	259	17	3.9	0.0
15/12/2023 04:40	2.6	254	16	3.7	0.0
15/12/2023 04:50	3.0	254	15	4.3	0.0
15/12/2023 05:00	3.2	256	15	4.6	0.0
15/12/2023 05:10	2.8	251	17	4.5	0.0
15/12/2023 05:20	2.8	243	17	4.4	0.0
15/12/2023 05:30	3.2	247	15	4.7	0.0
15/12/2023 05:40	3.6	246	16	5.0	0.0
15/12/2023 05:50	3.7	258	15	5.3	0.0
15/12/2023 06:00	3.2	256	16	4.9	0.0
15/12/2023 06:10	3.6	254	16	5.0	0.0
15/12/2023 06:20	3.6	248	16	5.4	0.0
15/12/2023 06:30	3.7	253	14	5.4	0.0
15/12/2023 06:40	4.0	250	14	5.8	0.0
15/12/2023 06:50	4.1	251	17	6.2	0.0
15/12/2023 07:00	4.1	257	14	6.0	0.0
15/12/2023 07:10	4.0	254	19	5.6	0.0
15/12/2023 07:20	4.2	249	16	6.2	0.0
15/12/2023 07:30	3.8	244	20	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 07:40	3.8	248	21	5.6	0.0
15/12/2023 07:50	3.5	242	21	5.1	0.0
15/12/2023 08:00	3.7	248	21	5.5	0.0
15/12/2023 08:10	3.9	249	18	6.0	0.0
15/12/2023 08:20	3.6	245	21	6.0	0.0
15/12/2023 08:30	3.6	248	20	5.4	0.0
15/12/2023 08:40	3.6	247	20	5.7	0.0
15/12/2023 08:50	3.8	247	20	5.6	0.0
15/12/2023 09:00	3.4	252	23	5.2	0.0
15/12/2023 09:10	3.6	253	21	5.9	0.0
15/12/2023 09:20	3.0	258	37	4.8	0.0
15/12/2023 09:30	2.9	266	34	4.7	0.0
15/12/2023 09:40	3.0	280	40	5.7	0.0
15/12/2023 09:50	2.7	299	39	4.8	0.0
15/12/2023 10:00	2.9	265	32	5.2	0.0
15/12/2023 10:10	3.1	281	40	5.1	0.0
15/12/2023 10:20	2.8	306	37	5.2	0.0
15/12/2023 10:30	3.2	308	40	5.2	0.0
15/12/2023 10:40	3.2	287	45	5.2	0.0
15/12/2023 10:50	3.2	317	35	5.3	0.0
15/12/2023 11:00	3.2	308	37	5.4	0.0
15/12/2023 11:10	3.1	302	41	5.2	0.0
15/12/2023 11:20	3.3	296	41	5.1	0.0
15/12/2023 11:30	3.1	287	37	5.1	0.0
15/12/2023 11:40	3.0	303	44	5.1	0.0
15/12/2023 11:50	3.6	279	41	6.3	0.0
15/12/2023 12:00	3.1	270	42	6.0	0.0
15/12/2023 12:10	3.5	270	34	5.5	0.0
15/12/2023 12:20	3.7	309	33	5.7	0.0
15/12/2023 12:30	3.8	297	39	6.1	0.0
15/12/2023 12:40	3.5	310	39	5.4	0.0
15/12/2023 12:50	3.2	291	39	5.8	0.0
15/12/2023 13:00	3.3	309	36	5.3	0.0
15/12/2023 13:10	3.6	301	40	6.0	0.0
15/12/2023 13:20	3.5	305	44	5.8	0.0
15/12/2023 13:30	3.1	292	41	5.4	0.0
15/12/2023 13:40	3.6	295	42	6.6	0.0
15/12/2023 13:50	3.2	303	39	5.2	0.0
15/12/2023 14:00	3.2	301	41	5.6	0.0
15/12/2023 14:10	3.6	307	44	6.0	0.0
15/12/2023 14:20	3.5	291	39	6.5	0.0
15/12/2023 14:30	3.3	300	42	5.7	0.0
15/12/2023 14:40	3.6	312	35	6.0	0.0
15/12/2023 14:50	3.6	306	37	5.7	0.0
15/12/2023 15:00	3.6	310	32	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 15:10	3.3	308	41	5.1	0.0
15/12/2023 15:20	2.9	310	37	5.4	0.0
15/12/2023 15:30	3.2	297	40	4.9	0.0
15/12/2023 15:40	3.4	308	33	5.7	0.0
15/12/2023 15:50	2.9	310	39	5.4	0.0
15/12/2023 16:00	3.4	321	31	5.5	0.0
15/12/2023 16:10	3.7	320	31	6.2	0.0
15/12/2023 16:20	3.2	312	37	5.6	0.0
15/12/2023 16:30	3.4	317	34	5.5	0.0
15/12/2023 16:40	3.5	307	36	5.2	0.0
15/12/2023 16:50	3.4	285	38	5.7	0.0
15/12/2023 17:00	3.1	298	40	5.5	0.0
15/12/2023 17:10	3.1	292	38	5.6	0.0
15/12/2023 17:20	3.2	286	36	5.3	0.0
15/12/2023 17:30	2.6	280	41	4.4	0.0
15/12/2023 17:40	2.4	286	43	4.6	0.0
15/12/2023 17:50	3.0	268	27	5.1	0.0
15/12/2023 18:00	3.1	255	20	5.3	0.0
15/12/2023 18:10	3.6	256	19	5.6	0.0
15/12/2023 18:20	3.4	254	17	5.2	0.0
15/12/2023 18:30	3.9	252	16	6.0	0.0
15/12/2023 18:40	3.2	254	20	5.3	0.0
15/12/2023 18:50	2.8	267	30	4.4	0.0
15/12/2023 19:00	3.0	258	26	4.4	0.0
15/12/2023 19:10	2.5	257	24	4.0	0.0
15/12/2023 19:20	2.6	257	22	4.5	0.0
15/12/2023 19:30	2.7	254	19	3.9	0.0
15/12/2023 19:40	3.7	247	13	5.3	0.0
15/12/2023 19:50	3.1	254	17	4.8	0.0
15/12/2023 20:00	3.1	247	16	4.8	0.0
15/12/2023 20:10	3.2	253	18	4.8	0.0
15/12/2023 20:20	3.1	249	20	4.4	0.0
15/12/2023 20:30	2.8	242	16	4.3	0.0
15/12/2023 20:40	3.3	250	17	4.8	0.0
15/12/2023 20:50	3.3	252	17	5.0	0.0
15/12/2023 21:00	3.4	247	15	5.0	0.0
15/12/2023 21:10	3.5	254	17	4.6	0.0
15/12/2023 21:20	3.2	249	16	4.7	0.0
15/12/2023 21:30	3.0	245	17	4.5	0.0
15/12/2023 21:40	3.2	249	16	4.8	0.0
15/12/2023 21:50	3.1	243	18	4.4	0.0
15/12/2023 22:00	2.7	241	15	4.8	0.0
15/12/2023 22:10	2.7	245	16	4.0	0.0
15/12/2023 22:20	2.5	249	19	4.4	0.0
15/12/2023 22:30	2.9	242	17	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 22:40	2.4	248	21	3.4	0.0
15/12/2023 22:50	2.9	247	15	4.2	0.0
15/12/2023 23:00	2.7	250	17	4.4	0.0
15/12/2023 23:10	2.5	251	19	3.7	0.0
15/12/2023 23:20	2.6	248	18	4.0	0.0
15/12/2023 23:30	2.6	250	16	3.8	0.0
15/12/2023 23:40	2.4	256	19	3.8	0.0
15/12/2023 23:50	2.8	252	15	3.9	0.0
16/12/2023 00:00	2.6	255	18	4.0	0.0
16/12/2023 00:10	2.7	257	17	4.3	0.0
16/12/2023 00:20	2.5	255	21	4.2	0.0
16/12/2023 00:30	2.4	254	21	4.8	0.0
16/12/2023 00:40	2.7	256	18	4.3	0.0
16/12/2023 00:50	2.5	261	22	4.0	0.0
16/12/2023 01:00	2.0	256	23	3.0	0.0
16/12/2023 01:10	2.0	251	19	3.2	0.0
16/12/2023 01:20	2.6	261	19	4.2	0.0
16/12/2023 01:30	2.5	254	19	3.8	0.0
16/12/2023 01:40	2.6	255	21	4.3	0.0
16/12/2023 01:50	2.5	260	19	3.6	0.0
16/12/2023 02:00	2.9	258	20	4.3	0.0
16/12/2023 02:10	2.8	255	20	4.2	0.0
16/12/2023 02:20	2.7	254	18	4.1	0.0
16/12/2023 02:30	2.6	258	16	4.3	0.0
16/12/2023 02:40	2.4	249	16	3.7	0.0
16/12/2023 02:50	2.3	255	19	3.6	0.0
16/12/2023 03:00	2.5	259	15	3.9	0.0
16/12/2023 03:10	2.2	260	19	4.4	0.0
16/12/2023 03:20	2.4	258	16	3.6	0.0
16/12/2023 03:30	2.1	259	17	2.9	0.0
16/12/2023 03:40	2.1	261	18	3.5	0.0
16/12/2023 03:50	2.4	260	16	4.2	0.0
16/12/2023 04:00	2.1	261	19	3.2	0.0
16/12/2023 04:10	2.0	265	20	3.2	0.0
16/12/2023 04:20	1.7	266	23	2.4	0.0
16/12/2023 04:30	1.6	263	22	2.7	0.0
16/12/2023 04:40	1.9	261	19	2.9	0.0
16/12/2023 04:50	1.8	262	16	2.7	0.0
16/12/2023 05:00	1.8	263	22	3.2	0.0
16/12/2023 05:10	1.7	259	25	3.2	0.0
16/12/2023 05:20	1.8	262	25	2.9	0.0
16/12/2023 05:30	1.7	265	33	2.8	0.0
16/12/2023 05:40	1.7	269	23	2.6	0.0
16/12/2023 05:50	2.0	257	21	3.2	0.0
16/12/2023 06:00	2.4	257	22	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 06:10	2.5	256	16	4.5	0.0
16/12/2023 06:20	2.3	251	25	3.8	0.0
16/12/2023 06:30	2.2	257	24	3.6	0.0
16/12/2023 06:40	2.3	254	23	4.0	0.0
16/12/2023 06:50	2.5	258	26	4.0	0.0
16/12/2023 07:00	2.5	264	26	3.9	0.0
16/12/2023 07:10	2.7	267	30	4.7	0.0
16/12/2023 07:20	2.3	280	40	4.5	0.0
16/12/2023 07:30	2.4	269	33	4.1	0.0
16/12/2023 07:40	2.7	300	41	4.4	0.0
16/12/2023 07:50	2.8	263	35	4.8	0.0
16/12/2023 08:00	2.6	274	36	4.4	0.0
16/12/2023 08:10	2.7	277	41	4.3	0.0
16/12/2023 08:20	2.7	261	30	5.0	0.0
16/12/2023 08:30	2.9	264	37	5.6	0.0
16/12/2023 08:40	3.1	257	27	5.4	0.0
16/12/2023 08:50	3.1	266	35	5.5	0.0
16/12/2023 09:00	3.4	256	26	5.3	0.0
16/12/2023 09:10	3.4	261	33	7.1	0.0
16/12/2023 09:20	3.8	265	31	6.0	0.0
16/12/2023 09:30	3.5	266	30	6.0	0.0
16/12/2023 09:40	3.7	262	26	6.1	0.0
16/12/2023 09:50	3.4	271	32	5.2	0.0
16/12/2023 10:00	3.7	261	26	6.3	0.0
16/12/2023 10:10	3.7	278	38	6.0	0.0
16/12/2023 10:20	3.6	280	38	6.6	0.0
16/12/2023 10:30	3.3	287	43	6.4	0.0
16/12/2023 10:40	3.2	287	33	5.8	0.0
16/12/2023 10:50	3.6	267	27	5.8	0.0
16/12/2023 11:00	3.8	264	31	6.4	0.0
16/12/2023 11:10	3.4	274	41	5.6	0.0
16/12/2023 11:20	3.8	269	32	6.3	0.0
16/12/2023 11:30	3.9	262	31	6.2	0.0
16/12/2023 11:40	3.6	260	24	5.4	0.0
16/12/2023 11:50	3.8	262	36	6.6	0.0
16/12/2023 12:00	3.7	292	33	6.2	0.0
16/12/2023 12:10	3.5	273	42	6.0	0.0
16/12/2023 12:20	4.2	267	35	7.0	0.0
16/12/2023 12:30	4.4	271	27	7.2	0.0
16/12/2023 12:40	4.4	256	27	7.2	0.0
16/12/2023 12:50	5.3	253	19	8.8	0.0
16/12/2023 13:00	5.5	250	19	8.3	0.0
16/12/2023 13:10	6.0	248	17	8.7	0.0
16/12/2023 13:20	6.2	248	18	8.7	0.0
16/12/2023 13:30	6.1	246	20	9.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 13:40	5.5	254	21	8.4	0.0
16/12/2023 13:50	6.1	246	18	8.7	0.0
16/12/2023 14:00	6.7	241	16	9.2	0.0
16/12/2023 14:10	6.5	241	18	9.3	0.0
16/12/2023 14:20	6.6	249	18	8.3	0.0
16/12/2023 14:30	6.6	250	15	9.6	0.0
16/12/2023 14:40	6.5	252	17	8.9	0.0
16/12/2023 14:50	6.3	245	15	9.1	0.0
16/12/2023 15:00	6.4	247	18	8.7	0.0
16/12/2023 15:10	6.1	251	19	8.6	0.0
16/12/2023 15:20	5.9	252	16	8.5	0.0
16/12/2023 15:30	6.2	246	18	8.3	0.0
16/12/2023 15:40	6.1	246	19	9.0	0.0
16/12/2023 15:50	5.8	254	19	8.9	0.0
16/12/2023 16:00	5.4	254	20	7.7	0.0
16/12/2023 16:10	5.5	254	18	8.4	0.0
16/12/2023 16:20	5.7	252	18	9.1	0.0
16/12/2023 16:30	5.8	252	17	8.2	0.0
16/12/2023 16:40	5.2	257	20	7.9	0.0
16/12/2023 16:50	5.4	249	21	7.9	0.0
16/12/2023 17:00	6.2	247	17	8.9	0.0
16/12/2023 17:10	5.9	249	18	8.4	0.0
16/12/2023 17:20	5.2	254	19	8.1	0.0
16/12/2023 17:30	5.2	253	17	8.7	0.0
16/12/2023 17:40	5.6	256	18	8.7	0.0
16/12/2023 17:50	5.8	251	17	8.7	0.0
16/12/2023 18:00	5.4	248	17	8.1	0.0
16/12/2023 18:10	4.9	256	20	6.9	0.0
16/12/2023 18:20	5.2	248	20	7.6	0.0
16/12/2023 18:30	5.1	246	17	7.3	0.0
16/12/2023 18:40	4.7	254	19	6.8	0.0
16/12/2023 18:50	5.0	247	18	7.6	0.0
16/12/2023 19:00	5.3	250	15	7.7	0.0
16/12/2023 19:10	5.3	244	16	8.4	0.0
16/12/2023 19:20	5.4	249	18	8.1	0.0
16/12/2023 19:30	5.4	250	18	7.3	0.0
16/12/2023 19:40	5.2	246	16	8.0	0.0
16/12/2023 19:50	4.9	252	17	7.5	0.0
16/12/2023 20:00	5.2	244	16	7.6	0.0
16/12/2023 20:10	4.9	247	17	7.0	0.0
16/12/2023 20:20	4.7	251	21	7.3	0.0
16/12/2023 20:30	5.1	251	17	7.4	0.0
16/12/2023 20:40	4.7	249	15	6.6	0.0
16/12/2023 20:50	4.3	251	19	6.5	0.0
16/12/2023 21:00	4.6	248	16	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 21:10	5.3	251	16	7.6	0.0
16/12/2023 21:20	4.7	252	15	6.8	0.0
16/12/2023 21:30	4.7	248	15	6.9	0.0
16/12/2023 21:40	4.7	245	17	7.2	0.0
16/12/2023 21:50	3.9	252	18	5.9	0.0
16/12/2023 22:00	4.8	253	18	7.2	0.0
16/12/2023 22:10	4.8	246	16	6.9	0.0
16/12/2023 22:20	4.4	246	18	6.5	0.0
16/12/2023 22:30	4.6	243	19	6.2	0.0
16/12/2023 22:40	4.6	245	19	6.7	0.0
16/12/2023 22:50	4.8	238	16	6.8	0.0
16/12/2023 23:00	4.6	249	16	6.8	0.0
16/12/2023 23:10	4.6	249	17	6.5	0.0
16/12/2023 23:20	4.2	254	16	6.9	0.0
16/12/2023 23:30	4.8	253	16	6.6	0.0
16/12/2023 23:40	4.1	249	16	6.4	0.0
16/12/2023 23:50	4.2	238	14	6.1	0.0
17/12/2023 00:00	3.8	256	15	5.6	0.0
17/12/2023 00:10	3.9	246	20	6.1	0.0
17/12/2023 00:20	4.1	254	16	6.0	0.0
17/12/2023 00:30	3.8	244	16	5.7	0.0
17/12/2023 00:40	3.2	256	21	5.2	0.0
17/12/2023 00:50	2.8	255	22	4.9	0.0
17/12/2023 01:00	2.8	253	20	4.0	0.0
17/12/2023 01:10	3.2	250	18	5.1	0.0
17/12/2023 01:20	3.4	253	16	4.8	0.0
17/12/2023 01:30	3.3	246	17	5.1	0.0
17/12/2023 01:40	3.1	244	21	5.0	0.0
17/12/2023 01:50	2.5	236	18	4.1	0.0
17/12/2023 02:00	2.5	230	16	3.6	0.0
17/12/2023 02:10	2.5	235	18	3.8	0.0
17/12/2023 02:20	3.2	255	19	5.3	0.0
17/12/2023 02:30	3.3	256	15	5.0	0.0
17/12/2023 02:40	3.1	240	16	4.7	0.0
17/12/2023 02:50	2.9	228	19	4.1	0.0
17/12/2023 03:00	3.1	232	16	4.5	0.0
17/12/2023 03:10	3.5	235	15	4.9	0.0
17/12/2023 03:20	3.4	235	15	4.4	0.0
17/12/2023 03:30	3.2	235	20	4.7	0.0
17/12/2023 03:40	3.9	251	17	6.2	0.0
17/12/2023 03:50	3.5	232	18	5.6	0.0
17/12/2023 04:00	3.8	239	18	5.5	0.0
17/12/2023 04:10	3.8	241	15	5.6	0.0
17/12/2023 04:20	4.0	240	17	5.6	0.0
17/12/2023 04:30	3.9	237	19	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 04:40	3.6	240	19	5.0	0.0
17/12/2023 04:50	4.0	236	16	5.6	0.0
17/12/2023 05:00	3.8	235	17	5.6	0.0
17/12/2023 05:10	4.5	238	15	5.8	0.0
17/12/2023 05:20	4.0	236	18	5.8	0.0
17/12/2023 05:30	4.3	237	16	6.2	0.0
17/12/2023 05:40	4.0	237	16	5.6	0.0
17/12/2023 05:50	4.2	239	15	5.9	0.0
17/12/2023 06:00	4.2	238	18	5.9	0.0
17/12/2023 06:10	4.4	237	16	6.4	0.0
17/12/2023 06:20	4.4	238	16	6.3	0.0
17/12/2023 06:30	4.3	240	16	6.5	0.0
17/12/2023 06:40	4.5	237	17	7.2	0.0
17/12/2023 06:50	4.8	223	16	7.2	0.0
17/12/2023 07:00	4.6	229	18	7.3	0.0
17/12/2023 07:10	4.6	225	17	7.1	0.0
17/12/2023 07:20	4.4	230	18	6.5	0.0
17/12/2023 07:30	5.0	240	18	7.4	0.0
17/12/2023 07:40	4.8	230	21	7.1	0.0
17/12/2023 07:50	5.6	228	18	8.0	0.0
17/12/2023 08:00	5.1	237	19	7.3	0.0
17/12/2023 08:10	5.1	235	20	7.2	0.0
17/12/2023 08:20	5.1	246	19	7.5	0.0
17/12/2023 08:30	5.0	239	22	7.1	0.0
17/12/2023 08:40	5.6	244	19	7.6	0.0
17/12/2023 08:50	5.4	248	20	7.9	0.0
17/12/2023 09:00	5.6	239	18	8.3	0.0
17/12/2023 09:10	5.8	248	18	8.1	0.0
17/12/2023 09:20	6.0	246	16	8.2	0.0
17/12/2023 09:30	5.9	252	18	8.1	0.0
17/12/2023 09:40	5.7	249	16	7.9	0.0
17/12/2023 09:50	6.4	249	18	9.1	0.0
17/12/2023 10:00	6.2	251	16	8.7	0.0
17/12/2023 10:10	5.9	248	18	8.7	0.0
17/12/2023 10:20	6.1	246	17	8.7	0.0
17/12/2023 10:30	6.2	248	17	9.2	0.0
17/12/2023 10:40	6.1	255	17	8.9	0.0
17/12/2023 10:50	6.2	247	17	8.9	0.0
17/12/2023 11:00	6.0	250	19	8.9	0.0
17/12/2023 11:10	6.0	254	17	8.8	0.0
17/12/2023 11:20	5.5	262	20	8.5	0.0
17/12/2023 11:30	5.7	256	16	9.2	0.0
17/12/2023 11:40	5.7	259	20	9.1	0.0
17/12/2023 11:50	5.9	251	18	9.1	0.0
17/12/2023 12:00	5.8	257	17	8.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 12:10	5.6	252	17	8.5	0.0
17/12/2023 12:20	6.1	257	17	9.6	0.0
17/12/2023 12:30	6.0	258	20	8.7	0.0
17/12/2023 12:40	6.0	257	18	9.1	0.0
17/12/2023 12:50	6.3	255	21	9.3	0.0
17/12/2023 13:00	6.3	255	16	9.7	0.0
17/12/2023 13:10	5.8	257	19	8.3	0.0
17/12/2023 13:20	6.5	253	19	8.9	0.0
17/12/2023 13:30	6.5	257	17	10.3	0.0
17/12/2023 13:40	5.7	262	20	8.2	0.0
17/12/2023 13:50	6.4	254	18	9.2	0.0
17/12/2023 14:00	7.1	253	20	10.5	0.0
17/12/2023 14:10	6.8	252	18	9.8	0.0
17/12/2023 14:20	7.2	251	17	10.3	0.0
17/12/2023 14:30	7.1	250	13	10.1	0.0
17/12/2023 14:40	6.5	251	17	11.0	0.0
17/12/2023 14:50	6.3	252	21	9.7	0.0
17/12/2023 15:00	6.2	254	19	9.3	0.0
17/12/2023 15:10	6.1	258	21	9.6	0.0
17/12/2023 15:20	6.9	254	19	10.1	0.0
17/12/2023 15:30	6.4	253	19	9.9	0.0
17/12/2023 15:40	6.4	249	16	8.9	0.0
17/12/2023 15:50	6.7	251	18	10.1	0.0
17/12/2023 16:00	7.0	248	17	10.7	0.0
17/12/2023 16:10	6.2	253	17	9.9	0.0
17/12/2023 16:20	6.4	256	18	9.4	0.0
17/12/2023 16:30	6.2	254	19	10.6	0.0
17/12/2023 16:40	6.7	249	16	9.5	0.0
17/12/2023 16:50	7.2	250	16	10.3	0.0
17/12/2023 17:00	6.7	254	19	9.9	0.0
17/12/2023 17:10	7.3	248	15	11.1	0.0
17/12/2023 17:20	7.1	249	14	9.9	0.0
17/12/2023 17:30	6.1	255	17	8.9	0.0
17/12/2023 17:40	6.1	251	16	9.4	0.0
17/12/2023 17:50	6.2	253	17	9.3	0.0
17/12/2023 18:00	5.9	255	16	8.5	0.0
17/12/2023 18:10	6.2	249	18	9.2	0.0
17/12/2023 18:20	5.9	255	16	8.9	0.0
17/12/2023 18:30	6.5	251	17	9.4	0.0
17/12/2023 18:40	5.5	256	17	9.2	0.0
17/12/2023 18:50	7.0	249	17	10.5	0.0
17/12/2023 19:00	6.4	253	18	9.7	0.0
17/12/2023 19:10	5.8	253	15	7.7	0.0
17/12/2023 19:20	6.6	254	17	9.9	0.0
17/12/2023 19:30	7.0	255	17	9.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 19:40	6.1	251	16	9.0	0.0
17/12/2023 19:50	6.2	254	17	10.0	0.0
17/12/2023 20:00	5.7	255	16	8.1	0.0
17/12/2023 20:10	6.3	254	17	9.0	0.0
17/12/2023 20:20	6.3	250	17	9.4	0.0
17/12/2023 20:30	6.2	246	16	8.8	0.0
17/12/2023 20:40	6.5	250	15	9.0	0.0
17/12/2023 20:50	6.6	252	17	9.4	0.0
17/12/2023 21:00	5.6	245	18	8.3	0.0
17/12/2023 21:10	6.4	250	15	8.9	0.0
17/12/2023 21:20	5.6	253	18	8.5	0.0
17/12/2023 21:30	5.6	255	17	7.9	0.0
17/12/2023 21:40	5.4	255	18	8.5	0.0
17/12/2023 21:50	4.8	253	16	7.6	0.0
17/12/2023 22:00	5.3	250	18	8.2	0.0
17/12/2023 22:10	5.4	247	15	8.2	0.0
17/12/2023 22:20	5.1	247	18	7.6	0.0
17/12/2023 22:30	5.7	251	15	8.2	0.0
17/12/2023 22:40	5.7	251	18	8.2	0.0
17/12/2023 22:50	5.4	254	16	7.7	0.0
17/12/2023 23:00	5.2	252	16	7.9	0.0
17/12/2023 23:10	4.7	244	19	8.4	0.0
17/12/2023 23:20	5.6	257	15	8.4	0.0
17/12/2023 23:30	4.7	250	16	7.4	0.0
17/12/2023 23:40	5.3	244	16	7.4	0.0
17/12/2023 23:50	5.2	247	18	7.1	0.0
18/12/2023 00:00	5.1	238	17	7.4	0.0
18/12/2023 00:10	4.4	236	15	6.0	0.0
18/12/2023 00:20	3.9	240	19	5.7	0.0
18/12/2023 00:30	4.4	243	20	6.3	0.0
18/12/2023 00:40	3.9	242	19	6.0	0.0
18/12/2023 00:50	4.1	241	18	6.4	0.0
18/12/2023 01:00	4.1	235	15	5.8	0.0
18/12/2023 01:10	4.3	232	17	6.4	0.0
18/12/2023 01:20	4.1	237	16	6.1	0.0
18/12/2023 01:30	4.6	233	14	6.6	0.0
18/12/2023 01:40	4.4	234	16	6.4	0.0
18/12/2023 01:50	4.1	240	17	6.1	0.0
18/12/2023 02:00	4.0	235	15	5.7	0.0
18/12/2023 02:10	4.3	234	18	6.2	0.0
18/12/2023 02:20	3.9	234	20	6.0	0.0
18/12/2023 02:30	4.3	231	15	6.2	0.0
18/12/2023 02:40	3.7	231	16	5.6	0.0
18/12/2023 02:50	4.0	231	18	5.9	0.0
18/12/2023 03:00	3.9	235	17	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 03:10	4.5	233	17	6.2	0.0
18/12/2023 03:20	4.4	239	18	6.2	0.0
18/12/2023 03:30	4.1	241	17	6.1	0.0
18/12/2023 03:40	4.2	237	18	6.2	0.0
18/12/2023 03:50	4.3	236	16	6.7	0.0
18/12/2023 04:00	4.6	235	17	6.8	0.0
18/12/2023 04:10	4.0	236	20	6.2	0.0
18/12/2023 04:20	4.1	237	19	6.2	0.0
18/12/2023 04:30	4.5	235	18	6.6	0.0
18/12/2023 04:40	4.4	234	17	6.8	0.0
18/12/2023 04:50	4.4	235	15	6.6	0.0
18/12/2023 05:00	4.3	234	16	5.9	0.0
18/12/2023 05:10	3.7	233	16	5.3	0.0
18/12/2023 05:20	3.9	236	17	5.7	0.0
18/12/2023 05:30	4.0	235	15	5.9	0.0
18/12/2023 05:40	3.6	236	15	5.4	0.0
18/12/2023 05:50	3.6	237	15	5.1	0.0
18/12/2023 06:00	3.4	234	16	5.2	0.0
18/12/2023 06:10	3.4	235	17	4.8	0.0
18/12/2023 06:20	3.7	235	15	5.2	0.0
18/12/2023 06:30	3.8	238	17	5.8	0.0
18/12/2023 06:40	3.5	236	18	5.3	0.0
18/12/2023 06:50	3.7	239	17	5.3	0.0
18/12/2023 07:00	3.7	238	19	5.0	0.0
18/12/2023 07:10	4.1	243	17	6.0	0.0
18/12/2023 07:20	4.2	243	19	6.3	0.0
18/12/2023 07:30	4.1	237	16	6.3	0.0
18/12/2023 07:40	4.4	247	17	6.1	0.0
18/12/2023 07:50	4.6	243	19	6.6	0.0
18/12/2023 08:00	4.3	246	22	6.8	0.0
18/12/2023 08:10	4.5	241	20	6.5	0.0
18/12/2023 08:20	5.1	238	16	7.5	0.0
18/12/2023 08:30	4.6	246	19	6.6	0.0
18/12/2023 08:40	5.4	243	17	7.3	0.0
18/12/2023 08:50	5.0	238	19	7.1	0.0
18/12/2023 09:00	5.2	242	18	7.1	0.0
18/12/2023 09:10	5.2	251	18	7.5	0.0
18/12/2023 09:20	5.5	248	17	8.7	0.0
18/12/2023 09:30	5.1	248	19	8.3	0.0
18/12/2023 09:40	5.5	248	18	8.7	0.0
18/12/2023 09:50	5.9	248	15	7.9	0.0
18/12/2023 10:00	5.7	245	17	8.3	0.0
18/12/2023 10:10	5.6	247	17	8.2	0.0
18/12/2023 10:20	5.1	255	20	8.0	0.0
18/12/2023 10:30	5.7	249	19	8.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 10:40	5.2	255	20	8.2	0.0
18/12/2023 10:50	5.8	248	16	8.0	0.0
18/12/2023 11:00	5.7	252	18	9.3	0.0
18/12/2023 11:10	5.2	252	20	7.8	0.0
18/12/2023 11:20	5.6	256	21	8.6	0.0
18/12/2023 11:30	5.4	252	16	8.5	0.0
18/12/2023 11:40	5.7	248	18	8.0	0.0
18/12/2023 11:50	5.6	253	20	8.5	0.0
18/12/2023 12:00	5.5	253	18	8.0	0.0
18/12/2023 12:10	5.8	253	23	9.1	0.0
18/12/2023 12:20	5.8	249	20	8.8	0.0
18/12/2023 12:30	5.9	247	16	9.5	0.0
18/12/2023 12:40	6.6	247	15	9.8	0.0
18/12/2023 12:50	5.9	247	18	8.4	0.0
18/12/2023 13:00	6.0	246	16	8.7	0.0
18/12/2023 13:10	5.9	245	18	8.9	0.0
18/12/2023 13:20	6.2	244	18	9.8	0.0
18/12/2023 13:30	6.2	247	20	8.9	0.0
18/12/2023 13:40	6.1	248	18	8.9	0.0
18/12/2023 13:50	6.6	249	19	8.7	0.0
18/12/2023 14:00	6.1	246	16	8.7	0.0
18/12/2023 14:10	6.1	252	16	9.0	0.0
18/12/2023 14:20	5.9	247	17	9.1	0.0
18/12/2023 14:30	6.5	248	18	9.2	0.0
18/12/2023 14:40	6.5	245	17	9.3	0.0
18/12/2023 14:50	6.7	253	19	9.9	0.0
18/12/2023 15:00	6.5	247	19	9.1	0.0
18/12/2023 15:10	6.6	244	16	8.8	0.0
18/12/2023 15:20	6.6	242	17	9.4	0.0
18/12/2023 15:30	6.1	248	19	9.4	0.0
18/12/2023 15:40	6.5	246	18	8.8	0.0
18/12/2023 15:50	5.9	247	17	8.0	0.0
18/12/2023 16:00	6.5	248	15	9.1	0.0
18/12/2023 16:10	6.5	250	17	8.7	0.0
18/12/2023 16:20	6.3	247	16	8.9	0.0
18/12/2023 16:30	6.4	250	16	9.0	0.0
18/12/2023 16:40	6.1	247	19	8.7	0.0
18/12/2023 16:50	6.3	249	16	8.5	0.0
18/12/2023 17:00	5.9	250	16	7.9	0.0
18/12/2023 17:10	6.1	246	17	9.0	0.0
18/12/2023 17:20	6.0	245	16	8.7	0.0
18/12/2023 17:30	5.8	244	16	8.9	0.0
18/12/2023 17:40	5.8	249	17	9.9	0.0
18/12/2023 17:50	6.0	246	17	8.6	0.0
18/12/2023 18:00	5.0	251	19	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 18:10	5.2	250	19	7.6	0.0
18/12/2023 18:20	5.2	247	16	8.1	0.0
18/12/2023 18:30	5.2	247	17	7.5	0.0
18/12/2023 18:40	4.6	254	17	6.8	0.0
18/12/2023 18:50	4.3	249	17	6.8	0.0
18/12/2023 19:00	4.7	251	16	7.5	0.0
18/12/2023 19:10	4.8	254	16	6.6	0.0
18/12/2023 19:20	4.7	253	17	6.8	0.0
18/12/2023 19:30	4.7	257	18	6.8	0.0
18/12/2023 19:40	4.4	250	15	7.0	0.0
18/12/2023 19:50	4.9	253	19	7.1	0.0
18/12/2023 20:00	4.8	256	18	7.5	0.0
18/12/2023 20:10	4.4	256	18	6.4	0.0
18/12/2023 20:20	4.9	257	16	7.3	0.0
18/12/2023 20:30	4.6	258	18	7.1	0.0
18/12/2023 20:40	4.4	256	20	6.6	0.0
18/12/2023 20:50	4.3	259	21	6.3	0.0
18/12/2023 21:00	4.5	250	17	7.1	0.0
18/12/2023 21:10	4.9	251	15	7.1	0.0
18/12/2023 21:20	4.4	251	18	6.6	0.0
18/12/2023 21:30	4.3	255	17	6.4	0.0
18/12/2023 21:40	4.5	251	17	7.1	0.0
18/12/2023 21:50	4.6	252	17	7.1	0.0
18/12/2023 22:00	4.9	254	17	7.1	0.0
18/12/2023 22:10	4.8	250	17	7.0	0.0
18/12/2023 22:20	4.0	260	19	6.0	0.0
18/12/2023 22:30	4.2	256	18	7.2	0.0
18/12/2023 22:40	4.2	254	20	6.3	0.0
18/12/2023 22:50	3.9	251	17	5.7	0.0
18/12/2023 23:00	4.2	256	19	6.2	0.0
18/12/2023 23:10	4.7	253	16	7.2	0.0
18/12/2023 23:20	4.8	248	14	6.4	0.0
18/12/2023 23:30	4.8	242	16	6.8	0.0
18/12/2023 23:40	4.7	250	19	6.8	0.0
18/12/2023 23:50	4.4	249	18	6.5	0.0
19/12/2023 00:00	4.3	251	17	6.4	0.0
19/12/2023 00:10	4.6	244	19	6.7	0.0
19/12/2023 00:20	4.2	242	17	6.4	0.0
19/12/2023 00:30	3.9	247	20	5.7	0.0
19/12/2023 00:40	4.2	240	20	6.5	0.0
19/12/2023 00:50	4.4	234	16	6.4	0.0
19/12/2023 01:00	4.3	246	17	6.4	0.0
19/12/2023 01:10	3.9	246	17	6.2	0.0
19/12/2023 01:20	3.3	245	21	5.4	0.0
19/12/2023 01:30	4.5	241	17	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 01:40	4.3	234	20	6.1	0.0
19/12/2023 01:50	4.0	238	17	6.2	0.0
19/12/2023 02:00	3.9	235	15	5.5	0.0
19/12/2023 02:10	3.2	236	16	5.0	0.0
19/12/2023 02:20	3.4	234	19	5.2	0.0
19/12/2023 02:30	3.1	236	17	5.1	0.0
19/12/2023 02:40	3.5	234	16	5.1	0.0
19/12/2023 02:50	3.6	233	16	5.1	0.0
19/12/2023 03:00	3.3	237	16	4.8	0.0
19/12/2023 03:10	3.1	235	19	4.9	0.0
19/12/2023 03:20	3.4	234	18	5.1	0.0
19/12/2023 03:30	3.2	239	18	4.8	0.0
19/12/2023 03:40	3.2	235	17	4.9	0.0
19/12/2023 03:50	3.7	236	16	5.6	0.0
19/12/2023 04:00	3.0	231	18	4.6	0.0
19/12/2023 04:10	3.2	235	17	4.6	0.0
19/12/2023 04:20	3.2	231	19	4.6	0.0
19/12/2023 04:30	3.4	232	18	5.2	0.0
19/12/2023 04:40	3.4	237	14	4.8	0.0
19/12/2023 04:50	3.1	242	22	5.1	0.0
19/12/2023 05:00	3.7	236	15	5.2	0.0
19/12/2023 05:10	3.5	242	20	5.4	0.0
19/12/2023 05:20	3.7	233	15	5.4	0.0
19/12/2023 05:30	3.9	236	17	6.0	0.0
19/12/2023 05:40	3.4	234	17	5.2	0.0
19/12/2023 05:50	3.0	232	19	5.2	0.0
19/12/2023 06:00	3.3	232	18	4.8	0.0
19/12/2023 06:10	3.5	230	17	5.1	0.0
19/12/2023 06:20	3.4	231	16	5.1	0.0
19/12/2023 06:30	3.5	235	19	5.2	0.0
19/12/2023 06:40	3.7	231	16	5.2	0.0
19/12/2023 06:50	3.8	239	16	5.6	0.0
19/12/2023 07:00	4.0	232	19	6.0	0.0
19/12/2023 07:10	4.2	230	16	6.0	0.0
19/12/2023 07:20	3.9	239	21	5.8	0.0
19/12/2023 07:30	4.2	239	17	6.3	0.0
19/12/2023 07:40	4.6	244	20	7.1	0.0
19/12/2023 07:50	4.7	241	19	6.7	0.0
19/12/2023 08:00	4.6	244	19	6.4	0.0
19/12/2023 08:10	4.9	244	19	7.2	0.0
19/12/2023 08:20	4.9	238	19	7.2	0.0
19/12/2023 08:30	5.0	245	18	6.8	0.0
19/12/2023 08:40	5.0	241	19	7.6	0.0
19/12/2023 08:50	4.9	241	17	7.3	0.0
19/12/2023 09:00	4.2	252	20	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 09:10	4.6	251	17	7.2	0.0
19/12/2023 09:20	4.6	252	16	6.7	0.0
19/12/2023 09:30	4.6	259	19	6.8	0.0
19/12/2023 09:40	5.4	247	15	7.6	0.0
19/12/2023 09:50	4.8	254	20	7.2	0.0
19/12/2023 10:00	5.2	248	16	7.2	0.0
19/12/2023 10:10	4.7	256	21	7.2	0.0
19/12/2023 10:20	5.1	253	19	7.2	0.0
19/12/2023 10:30	4.7	252	19	6.9	0.0
19/12/2023 10:40	5.1	256	20	7.2	0.0
19/12/2023 10:50	4.8	254	19	8.1	0.0
19/12/2023 11:00	5.0	254	17	7.5	0.0
19/12/2023 11:10	4.9	252	19	7.7	0.0
19/12/2023 11:20	4.8	260	20	7.2	0.0
19/12/2023 11:30	5.7	250	15	7.6	0.0
19/12/2023 11:40	5.3	250	19	8.1	0.0
19/12/2023 11:50	5.3	253	18	8.3	0.0
19/12/2023 12:00	5.4	247	15	8.3	0.0
19/12/2023 12:10	5.6	249	19	8.6	0.0
19/12/2023 12:20	5.7	247	18	7.9	0.0
19/12/2023 12:30	5.5	249	19	8.0	0.0
19/12/2023 12:40	5.5	246	18	8.5	0.0
19/12/2023 12:50	5.6	251	17	8.1	0.0
19/12/2023 13:00	5.4	244	19	8.0	0.0
19/12/2023 13:10	6.0	246	16	7.9	0.0
19/12/2023 13:20	5.5	244	17	7.2	0.0
19/12/2023 13:30	5.7	238	19	8.1	0.0
19/12/2023 13:40	5.8	241	18	8.0	0.0
19/12/2023 13:50	5.8	242	19	8.2	0.0
19/12/2023 14:00	5.8	246	16	7.7	0.0
19/12/2023 14:10	5.8	238	14	8.0	0.0
19/12/2023 14:20	5.8	243	15	8.3	0.0
19/12/2023 14:30	5.9	245	18	7.9	0.0
19/12/2023 14:40	5.7	246	17	8.5	0.0
19/12/2023 14:50	5.7	242	18	8.1	0.0
19/12/2023 15:00	6.1	243	17	8.2	0.0
19/12/2023 15:10	5.9	245	17	7.9	0.0
19/12/2023 15:20	6.2	244	14	8.9	0.0
19/12/2023 15:30	6.2	247	17	8.9	0.0
19/12/2023 15:40	6.4	244	18	9.2	0.0
19/12/2023 15:50	6.5	241	15	8.6	0.0
19/12/2023 16:00	6.2	244	17	8.5	0.0
19/12/2023 16:10	6.2	248	17	8.7	0.0
19/12/2023 16:20	6.0	250	17	8.9	0.0
19/12/2023 16:30	6.1	252	17	9.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 16:40	6.0	252	18	8.2	0.0
19/12/2023 16:50	5.6	257	19	8.6	0.0
19/12/2023 17:00	5.4	254	18	8.3	0.0
19/12/2023 17:10	5.3	257	18	7.5	0.0
19/12/2023 17:20	5.6	251	19	8.6	0.0
19/12/2023 17:30	5.5	254	21	8.2	0.0
19/12/2023 17:40	4.9	256	19	7.1	0.0
19/12/2023 17:50	4.8	257	16	7.7	0.0
19/12/2023 18:00	5.2	252	19	7.7	0.0
19/12/2023 18:10	5.3	252	16	8.1	0.0
19/12/2023 18:20	5.5	249	15	8.1	0.0
19/12/2023 18:30	5.3	249	18	7.3	0.0
19/12/2023 18:40	4.4	256	20	7.1	0.0
19/12/2023 18:50	4.6	257	18	6.8	0.0
19/12/2023 19:00	4.3	255	15	6.4	0.0
19/12/2023 19:10	4.5	247	17	6.9	0.0
19/12/2023 19:20	5.0	249	16	7.6	0.0
19/12/2023 19:30	4.7	252	17	6.8	0.0
19/12/2023 19:40	4.6	254	17	6.8	0.0
19/12/2023 19:50	4.9	252	15	6.8	0.0
19/12/2023 20:00	5.4	248	13	7.7	0.0
19/12/2023 20:10	5.0	248	17	7.2	0.0
19/12/2023 20:20	4.9	250	16	6.9	0.0
19/12/2023 20:30	5.6	252	15	7.9	0.0
19/12/2023 20:40	5.1	251	16	7.0	0.0
19/12/2023 20:50	4.9	251	17	6.9	0.0
19/12/2023 21:00	5.1	250	17	7.4	0.0
19/12/2023 21:10	4.9	250	16	7.2	0.0
19/12/2023 21:20	5.1	249	14	7.3	0.0
19/12/2023 21:30	4.7	255	18	6.5	0.0
19/12/2023 21:40	4.4	253	18	6.7	0.0
19/12/2023 21:50	4.7	249	17	7.3	0.0
19/12/2023 22:00	4.8	248	17	7.2	0.0
19/12/2023 22:10	4.5	248	18	7.4	0.0
19/12/2023 22:20	5.1	255	16	6.7	0.0
19/12/2023 22:30	4.5	246	14	6.6	0.0
19/12/2023 22:40	5.1	253	14	7.6	0.0
19/12/2023 22:50	4.9	251	18	7.3	0.0
19/12/2023 23:00	4.3	253	16	6.6	0.0
19/12/2023 23:10	3.9	248	17	5.7	0.0
19/12/2023 23:20	4.7	247	16	7.0	0.0
19/12/2023 23:30	5.2	254	15	7.5	0.0
19/12/2023 23:40	5.1	253	16	7.2	0.0
19/12/2023 23:50	4.6	246	17	6.9	0.0
20/12/2023 00:00	4.6	241	16	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 00:10	4.2	241	18	6.7	0.0
20/12/2023 00:20	4.4	242	16	6.7	0.0
20/12/2023 00:30	4.9	242	15	7.9	0.0
20/12/2023 00:40	4.6	245	19	6.8	0.0
20/12/2023 00:50	4.7	245	18	7.2	0.0
20/12/2023 01:00	4.4	245	17	7.1	0.0
20/12/2023 01:10	4.4	236	14	6.0	0.0
20/12/2023 01:20	4.3	235	17	6.0	0.0
20/12/2023 01:30	4.5	237	14	6.3	0.0
20/12/2023 01:40	4.6	233	15	6.6	0.0
20/12/2023 01:50	4.2	237	18	6.2	0.0
20/12/2023 02:00	4.4	238	17	6.0	0.0
20/12/2023 02:10	4.6	234	15	6.6	0.0
20/12/2023 02:20	4.3	240	17	6.4	0.0
20/12/2023 02:30	4.2	236	19	6.0	0.0
20/12/2023 02:40	4.4	241	19	6.6	0.0
20/12/2023 02:50	4.6	236	15	6.7	0.0
20/12/2023 03:00	5.0	234	17	7.0	0.0
20/12/2023 03:10	4.8	235	17	6.8	0.0
20/12/2023 03:20	5.2	238	16	7.0	0.0
20/12/2023 03:30	4.8	237	17	6.9	0.0
20/12/2023 03:40	4.8	233	16	7.2	0.0
20/12/2023 03:50	4.6	235	16	6.4	0.0
20/12/2023 04:00	4.2	239	15	6.3	0.0
20/12/2023 04:10	4.3	239	17	6.4	0.0
20/12/2023 04:20	4.2	237	18	5.8	0.0
20/12/2023 04:30	4.3	239	18	6.2	0.0
20/12/2023 04:40	3.9	236	17	6.7	0.0
20/12/2023 04:50	3.8	243	19	6.5	0.0
20/12/2023 05:00	3.1	242	18	4.7	0.0
20/12/2023 05:10	3.1	239	19	4.5	0.0
20/12/2023 05:20	2.9	243	21	4.4	0.0
20/12/2023 05:30	3.2	237	18	4.8	0.0
20/12/2023 05:40	3.0	245	18	4.8	0.0
20/12/2023 05:50	2.9	245	17	4.1	0.0
20/12/2023 06:00	2.7	243	18	4.0	0.0
20/12/2023 06:10	2.6	242	20	3.9	0.0
20/12/2023 06:20	2.7	247	20	3.9	0.0
20/12/2023 06:30	2.9	245	20	4.5	0.0
20/12/2023 06:40	2.8	245	17	4.2	0.0
20/12/2023 06:50	3.0	248	20	4.4	0.0
20/12/2023 07:00	3.5	246	19	4.8	0.0
20/12/2023 07:10	3.5	245	17	5.4	0.0
20/12/2023 07:20	3.5	245	17	5.0	0.0
20/12/2023 07:30	3.7	254	16	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 07:40	4.0	250	22	5.4	0.0
20/12/2023 07:50	4.1	250	19	5.6	0.0
20/12/2023 08:00	4.1	240	19	5.7	0.0
20/12/2023 08:10	4.1	252	19	6.1	0.0
20/12/2023 08:20	4.5	250	18	6.6	0.0
20/12/2023 08:30	4.3	254	19	6.7	0.0
20/12/2023 08:40	4.7	246	16	6.3	0.0
20/12/2023 08:50	4.6	252	16	6.8	0.0
20/12/2023 09:00	5.0	247	18	7.5	0.0
20/12/2023 09:10	4.6	248	19	7.5	0.0
20/12/2023 09:20	4.8	251	19	7.2	0.0
20/12/2023 09:30	4.9	243	18	7.2	0.0
20/12/2023 09:40	4.8	246	20	6.8	0.0
20/12/2023 09:50	4.8	250	16	7.0	0.0
20/12/2023 10:00	4.5	250	18	6.6	0.0
20/12/2023 10:10	4.8	250	20	7.0	0.0
20/12/2023 10:20	4.7	250	19	7.2	0.0
20/12/2023 10:30	4.5	252	20	7.1	0.0
20/12/2023 10:40	5.0	244	18	7.3	0.0
20/12/2023 10:50	5.0	246	16	6.9	0.0
20/12/2023 11:00	5.1	255	18	7.5	0.0
20/12/2023 11:10	4.8	247	16	6.8	0.0
20/12/2023 11:20	5.5	248	17	7.8	0.0
20/12/2023 11:30	5.1	248	19	7.7	0.0
20/12/2023 11:40	5.4	244	20	7.2	0.0
20/12/2023 11:50	6.0	246	20	8.7	0.0
20/12/2023 12:00	5.4	251	19	8.0	0.0
20/12/2023 12:10	5.6	250	17	8.1	0.0
20/12/2023 12:20	5.3	250	16	8.0	0.0
20/12/2023 12:30	6.4	244	17	9.0	0.0
20/12/2023 12:40	6.2	246	21	8.7	0.0
20/12/2023 12:50	6.0	248	18	9.1	0.0
20/12/2023 13:00	6.6	248	15	8.8	0.0
20/12/2023 13:10	6.2	244	16	8.9	0.0
20/12/2023 13:20	6.2	251	17	8.9	0.0
20/12/2023 13:30	6.7	249	17	9.4	0.0
20/12/2023 13:40	6.7	247	16	9.2	0.0
20/12/2023 13:50	6.5	251	18	9.7	0.0
20/12/2023 14:00	6.5	250	18	9.5	0.0
20/12/2023 14:10	6.5	252	19	9.5	0.0
20/12/2023 14:20	7.0	249	17	9.5	0.0
20/12/2023 14:30	6.5	252	17	9.7	0.0
20/12/2023 14:40	6.3	253	18	9.1	0.0
20/12/2023 14:50	6.4	253	18	9.0	0.0
20/12/2023 15:00	6.3	258	17	9.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 15:10	6.0	256	16	9.0	0.0
20/12/2023 15:20	6.0	254	19	8.9	0.0
20/12/2023 15:30	5.8	255	21	8.8	0.0
20/12/2023 15:40	5.8	254	18	8.0	0.0
20/12/2023 15:50	5.5	253	18	8.5	0.0
20/12/2023 16:00	6.2	250	18	8.7	0.0
20/12/2023 16:10	6.1	250	18	8.5	0.0
20/12/2023 16:20	6.3	249	15	8.7	0.0
20/12/2023 16:30	6.5	248	16	9.3	0.0
20/12/2023 16:40	6.8	249	14	9.9	0.0
20/12/2023 16:50	6.8	252	14	9.5	0.0
20/12/2023 17:00	6.8	253	17	9.8	0.0
20/12/2023 17:10	7.0	253	15	9.6	0.0
20/12/2023 17:20	7.3	252	14	9.5	0.0
20/12/2023 17:30	6.6	250	14	8.7	0.0
20/12/2023 17:40	6.8	257	16	9.5	0.0
20/12/2023 17:50	6.9	256	16	9.6	0.0
20/12/2023 18:00	6.6	257	13	9.3	0.0
20/12/2023 18:10	6.7	256	15	9.5	0.0
20/12/2023 18:20	5.9	254	16	8.4	0.0
20/12/2023 18:30	6.2	258	15	8.0	0.0
20/12/2023 18:40	6.2	256	16	8.3	0.0
20/12/2023 18:50	5.7	252	16	8.1	0.0
20/12/2023 19:00	5.5	255	17	7.9	0.0
20/12/2023 19:10	5.2	259	16	7.9	0.0
20/12/2023 19:20	5.5	261	16	8.6	0.0
20/12/2023 19:30	5.5	258	18	8.3	0.0
20/12/2023 19:40	5.1	258	17	7.3	0.0
20/12/2023 19:50	4.6	260	19	7.2	0.0
20/12/2023 20:00	4.1	261	19	6.1	0.0
20/12/2023 20:10	4.9	260	18	7.2	0.0
20/12/2023 20:20	4.9	258	17	7.5	0.0
20/12/2023 20:30	4.5	255	18	7.4	0.0
20/12/2023 20:40	4.3	259	17	7.5	0.0
20/12/2023 20:50	4.4	254	19	6.5	0.0
20/12/2023 21:00	4.9	254	18	7.5	0.0
20/12/2023 21:10	5.1	253	16	7.8	0.0
20/12/2023 21:20	5.0	254	17	7.9	0.0
20/12/2023 21:30	5.5	254	15	8.0	0.0
20/12/2023 21:40	5.2	253	17	7.8	0.0
20/12/2023 21:50	4.9	255	17	7.8	0.0
20/12/2023 22:00	5.1	253	17	7.2	0.0
20/12/2023 22:10	5.0	254	16	7.0	0.0
20/12/2023 22:20	5.1	254	17	7.3	0.0
20/12/2023 22:30	4.7	255	18	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 22:40	4.5	250	18	7.0	0.0
20/12/2023 22:50	4.6	256	16	7.4	0.0
20/12/2023 23:00	5.1	252	14	7.2	0.0
20/12/2023 23:10	4.9	252	16	7.1	0.0
20/12/2023 23:20	4.9	257	17	6.8	0.0
20/12/2023 23:30	4.7	253	18	7.6	0.0
20/12/2023 23:40	4.1	251	19	6.2	0.0
20/12/2023 23:50	5.1	254	16	7.3	0.0
21/12/2023 00:00	4.8	251	17	7.2	0.0
21/12/2023 00:10	5.2	250	15	7.2	0.0
21/12/2023 00:20	5.3	252	16	8.3	0.0
21/12/2023 00:30	4.3	248	19	6.7	0.0
21/12/2023 00:40	4.5	246	21	7.3	0.0
21/12/2023 00:50	5.1	250	16	7.5	0.0
21/12/2023 01:00	5.1	254	16	7.9	0.0
21/12/2023 01:10	4.8	249	17	7.2	0.0
21/12/2023 01:20	4.4	249	17	6.4	0.0
21/12/2023 01:30	4.6	240	17	6.8	0.0
21/12/2023 01:40	4.8	245	15	7.7	0.0
21/12/2023 01:50	4.5	246	18	6.8	0.0
21/12/2023 02:00	4.9	242	16	6.9	0.0
21/12/2023 02:10	4.7	240	20	7.9	0.0
21/12/2023 02:20	4.6	240	20	7.2	0.0
21/12/2023 02:30	4.8	241	19	7.3	0.0
21/12/2023 02:40	5.0	242	15	7.0	0.0
21/12/2023 02:50	4.7	230	17	6.7	0.0
21/12/2023 03:00	4.7	236	17	7.5	0.0
21/12/2023 03:10	4.7	235	18	7.2	0.0
21/12/2023 03:20	4.5	236	20	7.5	0.0
21/12/2023 03:30	5.2	236	15	7.4	0.0
21/12/2023 03:40	4.9	239	17	7.1	0.0
21/12/2023 03:50	5.3	234	15	7.3	0.0
21/12/2023 04:00	4.7	233	18	7.4	0.0
21/12/2023 04:10	5.1	238	20	7.1	0.0
21/12/2023 04:20	4.9	236	17	7.3	0.0
21/12/2023 04:30	4.9	236	17	6.8	0.0
21/12/2023 04:40	5.0	233	17	7.2	0.0
21/12/2023 04:50	4.0	239	16	6.1	0.0
21/12/2023 05:00	4.5	236	17	6.4	0.0
21/12/2023 05:10	4.6	233	18	6.8	0.0
21/12/2023 05:20	4.0	241	19	6.6	0.0
21/12/2023 05:30	4.5	239	16	7.0	0.0
21/12/2023 05:40	4.2	238	16	6.0	0.0
21/12/2023 05:50	3.9	239	20	6.0	0.0
21/12/2023 06:00	4.4	234	16	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 06:10	4.3	231	15	5.9	0.0
21/12/2023 06:20	4.5	236	14	6.4	0.0
21/12/2023 06:30	4.2	235	16	6.1	0.0
21/12/2023 06:40	4.3	238	18	6.6	0.0
21/12/2023 06:50	4.0	243	18	6.0	0.0
21/12/2023 07:00	4.1	244	17	5.8	0.0
21/12/2023 07:10	4.1	243	16	5.6	0.0
21/12/2023 07:20	4.2	240	16	6.4	0.0
21/12/2023 07:30	4.1	249	18	6.3	0.0
21/12/2023 07:40	4.6	252	16	6.8	0.0
21/12/2023 07:50	4.9	247	16	6.4	0.0
21/12/2023 08:00	5.1	246	13	7.1	0.0
21/12/2023 08:10	5.3	247	15	7.6	0.0
21/12/2023 08:20	5.3	249	16	7.3	0.0
21/12/2023 08:30	5.5	253	16	7.5	0.0
21/12/2023 08:40	5.2	250	15	7.4	0.0
21/12/2023 08:50	5.4	253	14	7.2	0.0
21/12/2023 09:00	5.3	249	18	7.5	0.0
21/12/2023 09:10	5.1	251	17	7.5	0.0
21/12/2023 09:20	5.3	252	17	7.1	0.0
21/12/2023 09:30	5.6	253	14	7.9	0.0
21/12/2023 09:40	4.8	253	18	7.0	0.0
21/12/2023 09:50	5.0	257	16	6.8	0.0
21/12/2023 10:00	5.1	257	19	7.8	0.0
21/12/2023 10:10	5.5	253	16	8.1	0.0
21/12/2023 10:20	5.4	256	19	7.8	0.0
21/12/2023 10:30	5.8	248	15	7.8	0.0
21/12/2023 10:40	5.4	254	14	7.9	0.0
21/12/2023 10:50	5.7	250	14	7.9	0.0
21/12/2023 11:00	5.4	257	16	7.3	0.0
21/12/2023 11:10	5.5	260	17	8.5	0.0
21/12/2023 11:20	5.3	254	17	7.5	0.0
21/12/2023 11:30	5.7	253	16	8.4	0.0
21/12/2023 11:40	6.0	258	16	8.9	0.0
21/12/2023 11:50	6.0	254	17	8.6	0.0
21/12/2023 12:00	5.7	259	21	8.4	0.0
21/12/2023 12:10	6.2	254	17	8.8	0.0
21/12/2023 12:20	6.3	252	17	9.1	0.0
21/12/2023 12:30	6.3	255	16	8.7	0.0
21/12/2023 12:40	6.7	252	17	9.1	0.0
21/12/2023 12:50	7.0	249	17	9.5	0.0
21/12/2023 13:00	6.3	253	19	9.0	0.0
21/12/2023 13:10	6.3	249	19	9.5	0.0
21/12/2023 13:20	5.9	252	17	8.4	0.0
21/12/2023 13:30	5.6	253	17	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 13:40	5.3	255	23	8.7	0.0
21/12/2023 13:50	5.8	251	19	8.1	0.0
21/12/2023 14:00	6.1	255	17	8.6	0.0
21/12/2023 14:10	5.8	252	18	8.7	0.0
21/12/2023 14:20	5.8	250	16	8.5	0.0
21/12/2023 14:30	5.4	256	18	8.3	0.0
21/12/2023 14:40	5.5	257	18	7.5	0.0
21/12/2023 14:50	3.3	284	39	5.7	0.0
21/12/2023 15:00	3.7	260	31	6.0	0.0
21/12/2023 15:10	4.7	316	29	7.1	0.0
21/12/2023 15:20	4.8	314	30	7.1	0.0
21/12/2023 15:30	4.6	318	27	8.9	0.0
21/12/2023 15:40	3.8	297	41	6.8	0.0
21/12/2023 15:50	3.7	280	49	6.6	0.0
21/12/2023 16:00	3.9	304	38	6.8	0.0
21/12/2023 16:10	3.6	287	43	6.5	0.0
21/12/2023 16:20	3.8	285	38	6.8	0.0
21/12/2023 16:30	4.1	285	37	6.9	0.0
21/12/2023 16:40	4.1	298	39	6.9	0.0
21/12/2023 16:50	3.6	292	42	6.4	0.0
21/12/2023 17:00	4.2	275	41	7.3	0.0
21/12/2023 17:10	3.6	273	34	6.4	0.0
21/12/2023 17:20	4.2	263	28	6.7	0.0
21/12/2023 17:30	3.7	269	37	6.4	0.0
21/12/2023 17:40	4.2	267	29	7.1	0.0
21/12/2023 17:50	4.4	259	26	7.1	0.0
21/12/2023 18:00	4.4	259	27	7.0	0.0
21/12/2023 18:10	4.2	260	25	6.6	0.0
21/12/2023 18:20	4.2	266	28	6.0	0.0
21/12/2023 18:30	3.2	271	32	5.3	0.0
21/12/2023 18:40	3.9	264	25	6.4	0.0
21/12/2023 18:50	3.7	263	27	6.2	0.0
21/12/2023 19:00	4.1	264	24	6.4	0.0
21/12/2023 19:10	3.7	265	25	6.2	0.0
21/12/2023 19:20	3.6	258	20	5.7	0.0
21/12/2023 19:30	4.7	258	15	7.0	0.0
21/12/2023 19:40	5.3	253	15	8.0	0.0
21/12/2023 19:50	5.2	255	15	7.5	0.0
21/12/2023 20:00	5.9	254	15	8.3	0.0
21/12/2023 20:10	4.9	255	19	7.1	0.0
21/12/2023 20:20	5.7	252	15	8.7	0.0
21/12/2023 20:30	6.0	253	16	8.7	0.0
21/12/2023 20:40	5.8	252	16	8.3	0.0
21/12/2023 20:50	5.6	253	17	8.3	0.0
21/12/2023 21:00	5.5	258	16	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 21:10	5.0	257	15	7.0	0.0
21/12/2023 21:20	5.5	255	15	8.0	0.0
21/12/2023 21:30	5.3	254	16	8.7	0.0
21/12/2023 21:40	5.6	256	19	8.3	0.0
21/12/2023 21:50	4.8	258	20	7.2	0.0
21/12/2023 22:00	5.2	248	18	8.4	0.0
21/12/2023 22:10	4.4	257	19	6.9	0.0
21/12/2023 22:20	5.3	254	17	7.8	0.0
21/12/2023 22:30	5.5	253	16	7.5	0.0
21/12/2023 22:40	6.0	251	16	8.7	0.0
21/12/2023 22:50	6.1	250	16	8.6	0.0
21/12/2023 23:00	6.4	253	16	9.6	0.0
21/12/2023 23:10	5.5	248	17	9.5	0.0
21/12/2023 23:20	5.3	251	15	8.3	0.0
21/12/2023 23:30	5.5	252	16	8.3	0.0
21/12/2023 23:40	6.0	251	16	9.0	0.0
21/12/2023 23:50	6.1	249	14	8.8	0.0
22/12/2023 00:00	5.2	242	15	7.2	0.0
22/12/2023 00:10	5.5	249	18	8.3	0.0
22/12/2023 00:20	5.7	254	15	8.5	0.0
22/12/2023 00:30	5.8	255	16	7.9	0.0
22/12/2023 00:40	5.3	248	18	7.6	0.0
22/12/2023 00:50	5.0	254	17	7.2	0.0
22/12/2023 01:00	5.8	256	14	7.9	0.0
22/12/2023 01:10	5.4	253	15	8.1	0.0
22/12/2023 01:20	5.4	246	17	7.5	0.0
22/12/2023 01:30	5.2	239	17	7.5	0.0
22/12/2023 01:40	5.0	240	17	7.7	0.0
22/12/2023 01:50	4.9	233	15	7.2	0.0
22/12/2023 02:00	5.1	235	16	7.7	0.0
22/12/2023 02:10	4.9	237	17	7.0	0.0
22/12/2023 02:20	4.9	235	17	8.2	0.0
22/12/2023 02:30	4.4	236	20	6.4	0.0
22/12/2023 02:40	3.9	243	18	5.8	0.0
22/12/2023 02:50	3.6	238	20	5.6	0.0
22/12/2023 03:00	3.8	228	18	5.4	0.0
22/12/2023 03:10	3.6	233	18	5.2	0.0
22/12/2023 03:20	3.9	237	19	5.2	0.0
22/12/2023 03:30	3.9	238	18	5.6	0.0
22/12/2023 03:40	4.5	233	16	7.1	0.0
22/12/2023 03:50	4.2	239	20	6.5	0.0
22/12/2023 04:00	4.2	237	18	7.2	0.0
22/12/2023 04:10	4.2	240	16	6.1	0.0
22/12/2023 04:20	4.4	242	18	6.2	0.0
22/12/2023 04:30	4.9	243	16	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 04:40	4.2	246	17	6.5	0.0
22/12/2023 04:50	4.2	251	19	6.4	0.0
22/12/2023 05:00	4.3	248	17	6.4	0.0
22/12/2023 05:10	4.2	244	19	6.3	0.0
22/12/2023 05:20	4.2	248	18	6.3	0.0
22/12/2023 05:30	4.5	243	17	6.8	0.0
22/12/2023 05:40	4.3	247	16	6.8	0.0
22/12/2023 05:50	4.1	249	16	6.3	0.0
22/12/2023 06:00	2.4	285	48	4.2	0.0
22/12/2023 06:10	2.6	290	41	4.4	0.0
22/12/2023 06:20	3.6	252	17	5.2	0.0
22/12/2023 06:30	2.9	258	21	4.8	0.0
22/12/2023 06:40	3.7	252	18	5.2	0.0
22/12/2023 06:50	3.3	250	19	4.7	0.0
22/12/2023 07:00	3.5	250	18	5.5	0.0
22/12/2023 07:10	3.6	254	19	5.2	0.0
22/12/2023 07:20	4.2	250	18	6.4	0.0
22/12/2023 07:30	3.7	250	18	5.3	0.0
22/12/2023 07:40	3.7	250	23	5.8	0.0
22/12/2023 07:50	3.9	240	16	5.7	0.0
22/12/2023 08:00	4.4	245	15	6.1	0.0
22/12/2023 08:10	4.4	247	16	6.1	0.0
22/12/2023 08:20	3.9	245	16	5.6	0.0
22/12/2023 08:30	4.2	252	15	6.0	0.0
22/12/2023 08:40	4.4	252	16	6.3	0.0
22/12/2023 08:50	3.5	258	20	5.2	0.0
22/12/2023 09:00	3.7	258	23	5.4	0.0
22/12/2023 09:10	4.5	250	17	6.7	0.0
22/12/2023 09:20	4.8	247	17	6.5	0.0
22/12/2023 09:30	4.4	247	17	6.4	0.0
22/12/2023 09:40	4.8	248	15	6.6	0.0
22/12/2023 09:50	4.5	249	17	6.7	0.0
22/12/2023 10:00	4.8	248	15	6.5	0.0
22/12/2023 10:10	4.8	248	15	6.7	0.0
22/12/2023 10:20	4.6	249	18	6.6	0.0
22/12/2023 10:30	4.9	246	18	6.8	0.0
22/12/2023 10:40	5.2	247	15	7.0	0.0
22/12/2023 10:50	4.7	252	16	6.7	0.0
22/12/2023 11:00	5.0	248	17	7.7	0.0
22/12/2023 11:10	4.9	249	15	7.0	0.0
22/12/2023 11:20	4.5	253	19	6.7	0.0
22/12/2023 11:30	3.3	260	28	5.9	0.0
22/12/2023 11:40	3.4	267	35	6.8	0.0
22/12/2023 11:50	3.5	268	31	5.7	0.0
22/12/2023 12:00	4.0	266	31	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 12:10	4.0	255	21	6.2	0.0
22/12/2023 12:20	4.6	254	19	6.9	0.0
22/12/2023 12:30	4.8	259	17	7.4	0.0
22/12/2023 12:40	4.6	262	19	7.0	0.0
22/12/2023 12:50	5.5	248	14	7.4	0.0
22/12/2023 13:00	5.8	246	15	7.9	0.0
22/12/2023 13:10	5.3	245	16	7.2	0.0
22/12/2023 13:20	5.4	245	15	7.3	0.0
22/12/2023 13:30	5.2	247	16	7.1	0.0
22/12/2023 13:40	5.7	246	16	7.6	0.0
22/12/2023 13:50	5.5	242	16	8.3	0.0
22/12/2023 14:00	5.4	248	18	7.5	0.0
22/12/2023 14:10	5.7	251	16	7.9	0.0
22/12/2023 14:20	4.2	263	22	6.2	0.0
22/12/2023 14:30	4.6	260	21	6.8	0.0
22/12/2023 14:40	4.1	258	22	6.4	0.0
22/12/2023 14:50	3.9	267	26	6.6	0.0
22/12/2023 15:00	3.9	266	24	6.8	0.0
22/12/2023 15:10	3.8	261	20	5.5	0.0
22/12/2023 15:20	5.0	253	16	6.8	0.0
22/12/2023 15:30	5.4	247	16	7.8	0.0
22/12/2023 15:40	5.6	247	15	7.8	0.0
22/12/2023 15:50	5.2	248	18	7.7	0.0
22/12/2023 16:00	5.5	245	17	7.2	0.0
22/12/2023 16:10	5.8	246	18	8.5	0.0
22/12/2023 16:20	5.6	244	17	7.8	0.0
22/12/2023 16:30	5.9	246	15	8.3	0.0
22/12/2023 16:40	6.0	246	15	8.2	0.0
22/12/2023 16:50	5.9	245	17	8.1	0.0
22/12/2023 17:00	5.4	246	16	7.5	0.0
22/12/2023 17:10	5.7	247	19	8.1	0.0
22/12/2023 17:20	5.3	250	18	7.5	0.0
22/12/2023 17:30	5.7	248	15	8.1	0.0
22/12/2023 17:40	5.8	250	17	8.2	0.0
22/12/2023 17:50	6.1	246	16	9.0	0.0
22/12/2023 18:00	5.8	253	17	8.0	0.0
22/12/2023 18:10	5.4	258	15	7.6	0.0
22/12/2023 18:20	4.9	260	20	7.1	0.0
22/12/2023 18:30	5.4	254	17	7.6	0.0
22/12/2023 18:40	5.3	260	17	7.6	0.0
22/12/2023 18:50	5.3	259	15	7.7	0.0
22/12/2023 19:00	5.3	261	18	7.9	0.0
22/12/2023 19:10	5.0	257	17	7.4	0.0
22/12/2023 19:20	6.4	252	15	9.0	0.0
22/12/2023 19:30	6.3	253	18	8.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 19:40	6.2	253	16	8.6	0.0
22/12/2023 19:50	6.1	253	18	9.1	0.0
22/12/2023 20:00	5.9	255	17	8.8	0.0
22/12/2023 20:10	6.6	253	13	8.9	0.0
22/12/2023 20:20	6.3	253	16	9.5	0.0
22/12/2023 20:30	6.1	252	15	8.9	0.0
22/12/2023 20:40	6.5	253	17	10.1	0.0
22/12/2023 20:50	6.4	253	17	9.1	0.0
22/12/2023 21:00	5.5	251	18	9.1	0.0
22/12/2023 21:10	6.2	253	17	8.4	0.0
22/12/2023 21:20	5.2	247	18	8.2	0.0
22/12/2023 21:30	5.2	249	16	7.6	0.0
22/12/2023 21:40	5.6	249	14	8.0	0.0
22/12/2023 21:50	5.6	250	16	7.8	0.0
22/12/2023 22:00	5.2	254	15	7.4	0.0
22/12/2023 22:10	5.1	248	14	7.4	0.0
22/12/2023 22:20	4.9	246	18	8.3	0.0
22/12/2023 22:30	5.1	247	19	8.3	0.0
22/12/2023 22:40	5.3	247	16	7.7	0.0
22/12/2023 22:50	5.4	252	16	7.5	0.0
22/12/2023 23:00	4.7	249	17	6.5	0.0
22/12/2023 23:10	4.4	251	20	7.2	0.0
22/12/2023 23:20	4.5	252	18	6.5	0.0
22/12/2023 23:30	4.6	251	16	6.6	0.0
22/12/2023 23:40	4.4	247	20	6.5	0.0
22/12/2023 23:50	4.1	248	20	6.4	0.0
23/12/2023 00:00	5.0	238	16	7.6	0.0
23/12/2023 00:10	4.7	245	18	7.5	0.0
23/12/2023 00:20	5.0	245	20	7.3	0.0
23/12/2023 00:30	5.1	238	17	7.5	0.0
23/12/2023 00:40	4.9	237	16	7.1	0.0
23/12/2023 00:50	4.1	236	20	6.4	0.0
23/12/2023 01:00	4.6	231	17	7.2	0.0
23/12/2023 01:10	4.8	235	18	7.0	0.0
23/12/2023 01:20	4.8	235	16	7.0	0.0
23/12/2023 01:30	4.8	237	17	7.1	0.0
23/12/2023 01:40	4.8	237	16	6.5	0.0
23/12/2023 01:50	4.7	237	16	7.2	0.0
23/12/2023 02:00	4.1	238	18	6.3	0.0
23/12/2023 02:10	4.1	240	18	6.2	0.0
23/12/2023 02:20	4.2	233	17	6.6	0.0
23/12/2023 02:30	4.4	236	15	6.4	0.0
23/12/2023 02:40	3.9	239	15	5.9	0.0
23/12/2023 02:50	3.1	242	17	4.7	0.0
23/12/2023 03:00	3.3	243	17	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 03:10	3.3	251	17	5.0	0.0
23/12/2023 03:20	3.4	242	16	5.1	0.0
23/12/2023 03:30	3.5	252	17	4.9	0.0
23/12/2023 03:40	3.1	249	17	4.9	0.0
23/12/2023 03:50	3.6	255	13	5.2	0.0
23/12/2023 04:00	3.5	253	17	5.3	0.0
23/12/2023 04:10	3.8	258	17	5.5	0.0
23/12/2023 04:20	4.1	253	17	5.8	0.0
23/12/2023 04:30	4.0	252	15	6.0	0.0
23/12/2023 04:40	4.6	255	13	6.1	0.0
23/12/2023 04:50	5.1	251	13	6.8	0.0
23/12/2023 05:00	4.4	254	14	6.2	0.0
23/12/2023 05:10	4.9	252	14	6.4	0.0
23/12/2023 05:20	4.4	255	14	6.5	0.0
23/12/2023 05:30	4.3	259	13	6.3	0.0
23/12/2023 05:40	4.6	258	12	6.7	0.0
23/12/2023 05:50	4.7	254	12	6.3	0.0
23/12/2023 06:00	4.6	254	15	6.5	0.0
23/12/2023 06:10	4.9	257	13	6.8	0.0
23/12/2023 06:20	4.5	254	14	6.2	0.0
23/12/2023 06:30	4.9	255	17	6.7	0.0
23/12/2023 06:40	5.0	256	16	6.6	0.0
23/12/2023 06:50	4.8	254	17	7.1	0.0
23/12/2023 07:00	5.1	255	16	7.2	0.0
23/12/2023 07:10	4.8	246	18	7.0	0.0
23/12/2023 07:20	5.5	255	16	7.7	0.0
23/12/2023 07:30	5.1	248	16	7.0	0.0
23/12/2023 07:40	5.0	254	18	7.2	0.0
23/12/2023 07:50	4.8	249	16	6.8	0.0
23/12/2023 08:00	4.4	243	22	6.6	0.0
23/12/2023 08:10	4.8	249	16	6.7	0.0
23/12/2023 08:20	4.5	250	17	6.9	0.0
23/12/2023 08:30	4.8	257	18	6.8	0.0
23/12/2023 08:40	4.9	250	15	6.5	0.0
23/12/2023 08:50	5.0	247	20	6.9	0.0
23/12/2023 09:00	5.1	250	14	7.3	0.0
23/12/2023 09:10	5.2	248	18	7.2	0.0
23/12/2023 09:20	5.2	254	17	7.2	0.0
23/12/2023 09:30	4.9	251	18	7.5	0.0
23/12/2023 09:40	5.4	249	21	8.0	0.0
23/12/2023 09:50	5.2	257	19	7.2	0.0
23/12/2023 10:00	5.5	252	18	7.5	0.0
23/12/2023 10:10	5.2	260	17	7.5	0.0
23/12/2023 10:20	5.5	254	18	8.0	0.0
23/12/2023 10:30	5.5	255	18	7.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 10:40	6.4	253	19	9.1	0.0
23/12/2023 10:50	5.6	251	17	8.7	0.0
23/12/2023 11:00	4.8	258	20	7.4	0.0
23/12/2023 11:10	5.4	250	17	7.5	0.0
23/12/2023 11:20	5.9	248	16	8.0	0.0
23/12/2023 11:30	5.3	252	17	7.5	0.0
23/12/2023 11:40	5.0	255	19	7.3	0.0
23/12/2023 11:50	5.2	254	19	8.3	0.0
23/12/2023 12:00	5.3	253	17	7.8	0.0
23/12/2023 12:10	5.4	242	18	8.0	0.0
23/12/2023 12:20	5.6	246	15	7.7	0.0
23/12/2023 12:30	5.6	251	19	8.2	0.0
23/12/2023 12:40	5.8	252	17	8.3	0.0
23/12/2023 12:50	6.6	244	12	9.1	0.0
23/12/2023 13:00	5.8	251	19	8.1	0.0
23/12/2023 13:10	5.8	250	18	8.7	0.0
23/12/2023 13:20	5.9	252	20	9.4	0.0
23/12/2023 13:30	6.1	252	16	9.1	0.0
23/12/2023 13:40	7.0	247	16	9.0	0.0
23/12/2023 13:50	6.2	264	16	9.3	0.0
23/12/2023 14:00	6.1	254	17	8.3	0.0
23/12/2023 14:10	7.0	249	16	9.7	0.0
23/12/2023 14:20	6.7	250	17	9.0	0.0
23/12/2023 14:30	6.3	250	18	8.8	0.0
23/12/2023 14:40	5.9	252	18	8.4	0.0
23/12/2023 14:50	5.9	252	17	8.5	0.0
23/12/2023 15:00	5.7	252	19	8.3	0.0
23/12/2023 15:10	6.2	245	15	8.4	0.0
23/12/2023 15:20	6.2	249	17	8.7	0.0
23/12/2023 15:30	6.3	250	18	9.5	0.0
23/12/2023 15:40	6.0	260	14	8.5	0.0
23/12/2023 15:50	6.0	252	16	8.8	0.0
23/12/2023 16:00	5.8	258	19	8.3	0.0
23/12/2023 16:10	6.5	252	18	8.4	0.0
23/12/2023 16:20	6.1	248	15	9.1	0.0
23/12/2023 16:30	6.1	249	15	8.5	0.0
23/12/2023 16:40	5.6	255	16	8.4	0.0
23/12/2023 16:50	5.8	254	17	8.6	0.0
23/12/2023 17:00	5.6	257	21	7.9	0.0
23/12/2023 17:10	5.9	252	17	8.5	0.0
23/12/2023 17:20	5.5	252	17	8.1	0.0
23/12/2023 17:30	5.7	249	15	8.2	0.0
23/12/2023 17:40	5.8	249	16	8.7	0.0
23/12/2023 17:50	6.1	250	14	8.3	0.0
23/12/2023 18:00	5.4	254	16	8.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 18:10	5.4	253	14	7.8	0.0
23/12/2023 18:20	5.6	249	18	8.0	0.0
23/12/2023 18:30	5.9	249	17	8.8	0.0
23/12/2023 18:40	5.2	248	17	7.5	0.0
23/12/2023 18:50	5.3	249	18	7.8	0.0
23/12/2023 19:00	5.7	249	14	8.6	0.0
23/12/2023 19:10	5.4	251	16	7.7	0.0
23/12/2023 19:20	6.1	249	16	8.3	0.0
23/12/2023 19:30	6.2	250	13	8.8	0.0
23/12/2023 19:40	5.8	250	17	8.8	0.0
23/12/2023 19:50	6.0	255	15	8.3	0.0
23/12/2023 20:00	5.5	255	15	8.6	0.0
23/12/2023 20:10	6.2	254	16	10.1	0.0
23/12/2023 20:20	5.8	255	17	8.3	0.0
23/12/2023 20:30	5.9	255	19	9.2	0.0
23/12/2023 20:40	6.2	251	17	8.3	0.0
23/12/2023 20:50	6.2	252	16	9.3	0.0
23/12/2023 21:00	5.8	253	18	8.0	0.0
23/12/2023 21:10	5.6	251	16	8.7	0.0
23/12/2023 21:20	5.6	252	15	8.4	0.0
23/12/2023 21:30	5.4	254	18	8.3	0.0
23/12/2023 21:40	5.9	252	16	8.8	0.0
23/12/2023 21:50	5.9	252	15	8.3	0.0
23/12/2023 22:00	5.8	254	17	8.5	0.0
23/12/2023 22:10	5.8	254	16	8.3	0.0
23/12/2023 22:20	5.7	249	17	8.4	0.0
23/12/2023 22:30	5.5	253	16	8.1	0.0
23/12/2023 22:40	5.8	251	18	7.9	0.0
23/12/2023 22:50	5.1	243	17	7.7	0.0
23/12/2023 23:00	5.1	246	18	7.3	0.0
23/12/2023 23:10	5.0	245	18	7.5	0.0
23/12/2023 23:20	4.4	246	18	6.8	0.0
23/12/2023 23:30	4.5	242	19	6.9	0.0
23/12/2023 23:40	4.6	248	20	6.9	0.0
23/12/2023 23:50	4.9	252	18	7.5	0.0
24/12/2023 00:00	4.8	245	18	7.3	0.0
24/12/2023 00:10	4.8	240	18	7.6	0.0
24/12/2023 00:20	5.1	246	19	7.2	0.0
24/12/2023 00:30	4.9	240	20	7.7	0.0
24/12/2023 00:40	5.1	238	17	7.6	0.0
24/12/2023 00:50	4.8	240	17	7.2	0.0
24/12/2023 01:00	4.5	242	20	7.8	0.0
24/12/2023 01:10	3.7	235	19	5.6	0.0
24/12/2023 01:20	3.8	240	19	5.7	0.0
24/12/2023 01:30	3.4	245	23	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 01:40	3.4	241	20	6.2	0.0
24/12/2023 01:50	4.0	241	18	5.6	0.0
24/12/2023 02:00	3.6	242	19	5.6	0.0
24/12/2023 02:10	3.5	241	17	5.1	0.0
24/12/2023 02:20	2.8	249	18	4.8	0.0
24/12/2023 02:30	3.0	246	20	4.5	0.0
24/12/2023 02:40	2.8	252	19	4.3	0.0
24/12/2023 02:50	3.2	243	17	5.0	0.0
24/12/2023 03:00	3.3	243	16	5.3	0.0
24/12/2023 03:10	3.7	238	17	5.3	0.0
24/12/2023 03:20	3.8	243	18	5.8	0.0
24/12/2023 03:30	3.7	252	16	5.8	0.0
24/12/2023 03:40	4.3	250	17	6.2	0.0
24/12/2023 03:50	4.5	246	16	6.1	0.0
24/12/2023 04:00	4.3	251	16	6.0	0.0
24/12/2023 04:10	4.5	246	17	6.4	0.0
24/12/2023 04:20	3.8	247	17	5.9	0.0
24/12/2023 04:30	4.5	248	16	6.8	0.0
24/12/2023 04:40	4.3	241	17	6.4	0.0
24/12/2023 04:50	4.2	245	15	6.0	0.0
24/12/2023 05:00	4.1	250	15	5.9	0.0
24/12/2023 05:10	4.2	243	15	6.4	0.0
24/12/2023 05:20	4.1	249	17	5.9	0.0
24/12/2023 05:30	4.2	249	17	6.4	0.0
24/12/2023 05:40	4.4	248	18	7.5	0.0
24/12/2023 05:50	5.1	243	18	7.0	0.0
24/12/2023 06:00	4.8	243	16	7.2	0.0
24/12/2023 06:10	5.0	247	14	7.0	0.0
24/12/2023 06:20	4.7	248	16	7.0	0.0
24/12/2023 06:30	5.5	254	15	7.4	0.0
24/12/2023 06:40	4.9	248	15	6.8	0.0
24/12/2023 06:50	5.0	253	17	6.8	0.0
24/12/2023 07:00	4.8	246	17	6.8	0.0
24/12/2023 07:10	4.6	243	21	7.0	0.0
24/12/2023 07:20	4.9	241	17	6.6	0.0
24/12/2023 07:30	4.9	251	17	6.8	0.0
24/12/2023 07:40	4.9	243	18	6.4	0.0
24/12/2023 07:50	5.2	248	18	7.2	0.0
24/12/2023 08:00	5.1	243	15	7.2	0.0
24/12/2023 08:10	5.1	252	17	7.2	0.0
24/12/2023 08:20	5.1	248	16	7.1	0.0
24/12/2023 08:30	4.8	247	16	6.8	0.0
24/12/2023 08:40	4.8	249	18	6.5	0.0
24/12/2023 08:50	4.5	251	15	6.8	0.0
24/12/2023 09:00	4.6	250	18	7.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 09:10	5.1	251	17	7.1	0.0
24/12/2023 09:20	4.8	252	16	7.3	0.0
24/12/2023 09:30	4.8	249	17	6.8	0.0
24/12/2023 09:40	5.1	246	16	7.2	0.0
24/12/2023 09:50	4.6	250	17	6.8	0.0
24/12/2023 10:00	4.8	247	16	6.7	0.0
24/12/2023 10:10	5.2	250	17	7.3	0.0
24/12/2023 10:20	5.1	251	17	7.2	0.0
24/12/2023 10:30	4.8	251	18	6.8	0.0
24/12/2023 10:40	5.1	247	16	7.1	0.0
24/12/2023 10:50	4.6	258	17	6.5	0.0
24/12/2023 11:00	4.4	249	17	6.2	0.0
24/12/2023 11:10	4.6	251	18	6.4	0.0
24/12/2023 11:20	4.5	243	14	6.4	0.0
24/12/2023 11:30	4.5	247	19	6.4	0.0
24/12/2023 11:40	4.8	250	18	6.6	0.0
24/12/2023 11:50	4.9	250	16	6.5	0.0
24/12/2023 12:00	4.9	253	18	7.2	0.0
24/12/2023 12:10	5.4	248	15	7.7	0.0
24/12/2023 12:20	5.7	246	17	8.0	0.0
24/12/2023 12:30	5.6	247	19	7.9	0.0
24/12/2023 12:40	5.4	253	17	7.9	0.0
24/12/2023 12:50	5.7	246	16	8.1	0.0
24/12/2023 13:00	6.2	245	16	8.8	0.0
24/12/2023 13:10	6.1	246	17	8.5	0.0
24/12/2023 13:20	6.2	245	15	8.3	0.0
24/12/2023 13:30	5.8	248	18	8.3	0.0
24/12/2023 13:40	5.8	246	18	7.9	0.0
24/12/2023 13:50	5.9	243	16	8.7	0.0
24/12/2023 14:00	6.0	243	14	8.0	0.0
24/12/2023 14:10	6.4	246	13	9.0	0.0
24/12/2023 14:20	6.7	243	15	9.1	0.0
24/12/2023 14:30	6.5	245	17	8.7	0.0
24/12/2023 14:40	6.7	243	15	9.4	0.0
24/12/2023 14:50	6.5	248	17	9.3	0.0
24/12/2023 15:00	6.1	247	17	8.7	0.0
24/12/2023 15:10	6.3	245	15	9.1	0.0
24/12/2023 15:20	6.7	243	16	9.1	0.0
24/12/2023 15:30	6.2	247	19	8.5	0.0
24/12/2023 15:40	5.9	251	18	9.1	0.0
24/12/2023 15:50	5.8	254	19	8.4	0.0
24/12/2023 16:00	5.3	248	17	8.3	0.0
24/12/2023 16:10	5.4	253	19	7.9	0.0
24/12/2023 16:20	5.9	245	16	8.3	0.0
24/12/2023 16:30	5.5	250	17	8.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 16:40	5.5	254	18	8.1	0.0
24/12/2023 16:50	5.5	254	18	8.0	0.0
24/12/2023 17:00	5.4	252	18	8.2	0.0
24/12/2023 17:10	5.1	257	18	8.0	0.0
24/12/2023 17:20	5.0	258	19	7.3	0.0
24/12/2023 17:30	5.6	253	18	8.1	0.0
24/12/2023 17:40	4.9	261	19	7.4	0.0
24/12/2023 17:50	5.2	257	21	8.7	0.0
24/12/2023 18:00	5.6	256	18	8.7	0.0
24/12/2023 18:10	5.2	260	18	7.9	0.0
24/12/2023 18:20	5.4	250	17	7.4	0.0
24/12/2023 18:30	5.1	259	21	7.9	0.0
24/12/2023 18:40	4.7	253	19	6.8	0.0
24/12/2023 18:50	4.8	252	16	8.0	0.0
24/12/2023 19:00	5.0	251	17	8.3	0.0
24/12/2023 19:10	4.4	254	17	7.5	0.0
24/12/2023 19:20	5.0	251	15	6.7	0.0
24/12/2023 19:30	4.5	255	18	6.2	0.0
24/12/2023 19:40	5.0	253	14	6.9	0.0
24/12/2023 19:50	4.7	253	18	7.0	0.0
24/12/2023 20:00	4.5	258	17	6.3	0.0
24/12/2023 20:10	4.5	259	16	6.4	0.0
24/12/2023 20:20	4.5	254	16	7.2	0.0
24/12/2023 20:30	4.6	254	17	6.5	0.0
24/12/2023 20:40	5.0	251	16	7.6	0.0
24/12/2023 20:50	4.7	255	19	7.1	0.0
24/12/2023 21:00	4.6	247	16	6.6	0.0
24/12/2023 21:10	4.8	253	17	6.8	0.0
24/12/2023 21:20	4.8	253	16	7.4	0.0
24/12/2023 21:30	4.8	251	17	7.1	0.0
24/12/2023 21:40	5.2	252	15	7.5	0.0
24/12/2023 21:50	5.5	250	16	8.8	0.0
24/12/2023 22:00	5.9	251	18	8.3	0.0
24/12/2023 22:10	5.0	252	17	7.5	0.0
24/12/2023 22:20	4.9	252	18	7.5	0.0
24/12/2023 22:30	4.3	256	18	6.9	0.0
24/12/2023 22:40	4.7	251	15	7.3	0.0
24/12/2023 22:50	5.0	253	18	7.5	0.0
24/12/2023 23:00	5.1	249	16	7.5	0.0
24/12/2023 23:10	4.9	252	17	8.0	0.0
24/12/2023 23:20	5.2	246	16	7.5	0.0
24/12/2023 23:30	5.4	254	16	8.0	0.0
24/12/2023 23:40	5.8	251	15	8.6	0.0
24/12/2023 23:50	5.7	253	18	8.2	0.0
25/12/2023 00:00	5.3	253	18	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 00:10	5.2	254	16	9.0	0.0
25/12/2023 00:20	4.7	244	18	7.0	0.0
25/12/2023 00:30	5.4	250	18	7.9	0.0
25/12/2023 00:40	5.4	246	16	7.5	0.0
25/12/2023 00:50	5.0	251	19	8.8	0.0
25/12/2023 01:00	4.9	244	18	7.2	0.0
25/12/2023 01:10	5.3	251	18	7.9	0.0
25/12/2023 01:20	5.4	252	17	7.5	0.0
25/12/2023 01:30	5.0	233	17	7.2	0.0
25/12/2023 01:40	4.5	235	18	6.4	0.0
25/12/2023 01:50	4.6	242	20	6.9	0.0
25/12/2023 02:00	4.4	239	17	6.4	0.0
25/12/2023 02:10	4.2	238	15	5.8	0.0
25/12/2023 02:20	4.0	245	18	5.8	0.0
25/12/2023 02:30	4.2	234	18	6.8	0.0
25/12/2023 02:40	4.3	239	16	6.5	0.0
25/12/2023 02:50	4.2	236	17	6.1	0.0
25/12/2023 03:00	4.2	245	17	6.4	0.0
25/12/2023 03:10	4.4	242	18	6.4	0.0
25/12/2023 03:20	3.8	252	18	5.9	0.0
25/12/2023 03:30	3.8	240	19	6.3	0.0
25/12/2023 03:40	3.3	240	19	5.2	0.0
25/12/2023 03:50	3.5	246	17	5.2	0.0
25/12/2023 04:00	3.8	247	19	6.1	0.0
25/12/2023 04:10	3.5	250	18	5.3	0.0
25/12/2023 04:20	3.0	241	16	4.4	0.0
25/12/2023 04:30	3.0	245	19	4.9	0.0
25/12/2023 04:40	3.5	250	18	5.1	0.0
25/12/2023 04:50	3.6	248	19	5.1	0.0
25/12/2023 05:00	3.5	245	16	5.8	0.0
25/12/2023 05:10	3.5	240	19	5.2	0.0
25/12/2023 05:20	3.8	238	19	5.7	0.0
25/12/2023 05:30	4.2	242	19	6.8	0.0
25/12/2023 05:40	3.8	246	20	6.0	0.0
25/12/2023 05:50	4.2	242	19	6.2	0.0
25/12/2023 06:00	3.8	247	18	5.9	0.0
25/12/2023 06:10	3.8	240	18	5.7	0.0
25/12/2023 06:20	4.3	237	17	6.0	0.0
25/12/2023 06:30	4.1	240	18	6.0	0.0
25/12/2023 06:40	3.8	243	19	6.0	0.0
25/12/2023 06:50	4.3	248	17	6.0	0.0
25/12/2023 07:00	4.4	241	20	6.4	0.0
25/12/2023 07:10	4.5	235	19	6.5	0.0
25/12/2023 07:20	4.6	237	18	6.8	0.0
25/12/2023 07:30	4.6	237	15	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 07:40	4.7	242	21	6.8	0.0
25/12/2023 07:50	4.9	237	17	6.5	0.0
25/12/2023 08:00	5.2	238	17	7.1	0.0
25/12/2023 08:10	4.4	243	17	6.8	0.0
25/12/2023 08:20	4.6	239	17	6.4	0.0
25/12/2023 08:30	4.8	240	20	6.9	0.0
25/12/2023 08:40	4.9	246	19	7.1	0.0
25/12/2023 08:50	5.3	244	15	7.4	0.0
25/12/2023 09:00	5.1	247	17	7.5	0.0
25/12/2023 09:10	5.0	253	19	6.8	0.0
25/12/2023 09:20	5.2	250	17	7.5	0.0
25/12/2023 09:30	5.2	250	18	7.3	0.0
25/12/2023 09:40	5.6	252	15	8.4	0.0
25/12/2023 09:50	5.6	250	18	7.6	0.0
25/12/2023 10:00	5.7	249	15	7.9	0.0
25/12/2023 10:10	5.3	255	17	7.9	0.0
25/12/2023 10:20	5.2	252	18	7.7	0.0
25/12/2023 10:30	5.2	251	16	7.4	0.0
25/12/2023 10:40	5.2	252	17	7.9	0.0
25/12/2023 10:50	5.3	253	17	8.0	0.0
25/12/2023 11:00	5.7	251	16	8.3	0.0
25/12/2023 11:10	5.8	252	16	8.7	0.0
25/12/2023 11:20	5.5	251	18	8.6	0.0
25/12/2023 11:30	5.7	247	19	8.5	0.0
25/12/2023 11:40	5.1	257	16	7.5	0.0
25/12/2023 11:50	5.4	252	19	8.6	0.0
25/12/2023 12:00	6.2	249	19	8.3	0.0
25/12/2023 12:10	5.7	252	21	8.5	0.0
25/12/2023 12:20	6.1	250	17	9.1	0.0
25/12/2023 12:30	6.2	247	16	8.5	0.0
25/12/2023 12:40	5.7	253	16	7.9	0.0
25/12/2023 12:50	5.6	252	19	7.9	0.0
25/12/2023 13:00	5.6	249	17	8.7	0.0
25/12/2023 13:10	5.8	246	17	7.9	0.0
25/12/2023 13:20	5.1	251	19	8.4	0.0
25/12/2023 13:30	5.7	251	20	8.3	0.0
25/12/2023 13:40	5.2	256	17	7.4	0.0
25/12/2023 13:50	5.6	256	20	8.4	0.0
25/12/2023 14:00	5.7	253	21	8.1	0.0
25/12/2023 14:10	6.0	249	18	9.3	0.0
25/12/2023 14:20	5.7	260	17	7.8	0.0
25/12/2023 14:30	6.4	254	19	9.8	0.0
25/12/2023 14:40	5.9	254	21	9.0	0.0
25/12/2023 14:50	6.1	253	16	8.8	0.0
25/12/2023 15:00	5.7	254	19	8.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 15:10	5.5	256	20	8.7	0.0
25/12/2023 15:20	5.7	251	19	9.5	0.0
25/12/2023 15:30	6.3	255	21	8.9	0.0
25/12/2023 15:40	7.1	251	17	9.5	0.0
25/12/2023 15:50	6.9	249	16	10.1	0.0
25/12/2023 16:00	7.0	248	15	10.0	0.0
25/12/2023 16:10	6.2	255	19	9.3	0.0
25/12/2023 16:20	6.5	252	17	9.2	0.0
25/12/2023 16:30	6.5	261	17	9.2	0.0
25/12/2023 16:40	5.8	256	18	8.8	0.0
25/12/2023 16:50	5.8	260	19	9.5	0.0
25/12/2023 17:00	6.0	256	19	8.9	0.0
25/12/2023 17:10	5.8	255	16	8.3	0.0
25/12/2023 17:20	6.3	249	18	9.3	0.0
25/12/2023 17:30	5.5	257	17	7.5	0.0
25/12/2023 17:40	5.4	256	18	8.3	0.0
25/12/2023 17:50	6.1	251	18	9.1	0.0
25/12/2023 18:00	5.5	256	18	8.2	0.0
25/12/2023 18:10	5.8	256	16	8.7	0.0
25/12/2023 18:20	5.1	253	18	7.5	0.0
25/12/2023 18:30	6.0	252	14	9.5	0.0
25/12/2023 18:40	6.0	251	16	7.9	0.0
25/12/2023 18:50	5.9	248	18	8.7	0.0
25/12/2023 19:00	5.8	252	17	8.2	0.0
25/12/2023 19:10	5.6	249	14	8.2	0.0
25/12/2023 19:20	5.5	255	16	8.3	0.0
25/12/2023 19:30	5.2	252	15	7.2	0.0
25/12/2023 19:40	5.2	256	16	8.1	0.0
25/12/2023 19:50	5.8	253	18	8.7	0.0
25/12/2023 20:00	5.1	259	18	7.8	0.0
25/12/2023 20:10	5.3	250	16	7.8	0.0
25/12/2023 20:20	5.8	251	17	7.9	0.0
25/12/2023 20:30	5.4	252	15	7.9	0.0
25/12/2023 20:40	5.7	253	17	8.4	0.0
25/12/2023 20:50	5.7	251	16	8.5	0.0
25/12/2023 21:00	5.8	252	15	8.3	0.0
25/12/2023 21:10	5.5	251	16	7.8	0.0
25/12/2023 21:20	5.7	248	15	7.8	0.0
25/12/2023 21:30	5.8	254	15	8.4	0.0
25/12/2023 21:40	5.4	249	14	7.9	0.0
25/12/2023 21:50	5.1	251	17	7.2	0.0
25/12/2023 22:00	5.1	249	15	7.4	0.0
25/12/2023 22:10	5.9	254	14	8.8	0.0
25/12/2023 22:20	5.7	248	14	9.1	0.0
25/12/2023 22:30	4.8	248	18	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 22:40	5.2	246	18	8.3	0.0
25/12/2023 22:50	5.6	250	16	8.6	0.0
25/12/2023 23:00	5.4	252	14	7.5	0.0
25/12/2023 23:10	5.3	252	17	8.1	0.0
25/12/2023 23:20	4.8	252	17	7.8	0.0
25/12/2023 23:30	5.1	254	15	7.6	0.0
25/12/2023 23:40	5.7	255	15	8.2	0.0
25/12/2023 23:50	5.2	252	17	7.5	0.0
26/12/2023 00:00	5.6	250	17	8.7	0.0
26/12/2023 00:10	5.7	252	17	8.3	0.0
26/12/2023 00:20	5.5	249	17	8.6	0.0
26/12/2023 00:30	4.9	247	16	7.5	0.0
26/12/2023 00:40	4.7	242	18	6.7	0.0
26/12/2023 00:50	4.5	245	17	7.1	0.0
26/12/2023 01:00	5.2	254	17	7.7	0.0
26/12/2023 01:10	5.0	251	17	7.2	0.0
26/12/2023 01:20	4.9	245	18	7.2	0.0
26/12/2023 01:30	5.4	249	17	7.9	0.0
26/12/2023 01:40	5.1	246	15	8.3	0.0
26/12/2023 01:50	4.4	248	18	6.4	0.0
26/12/2023 02:00	4.9	245	18	8.1	0.0
26/12/2023 02:10	4.9	244	17	7.1	0.0
26/12/2023 02:20	4.6	238	17	7.1	0.0
26/12/2023 02:30	4.7	242	18	7.0	0.0
26/12/2023 02:40	5.2	242	20	7.3	0.0
26/12/2023 02:50	4.9	237	19	8.0	0.0
26/12/2023 03:00	5.0	235	17	7.5	0.0
26/12/2023 03:10	4.3	234	21	6.9	0.0
26/12/2023 03:20	4.4	236	17	6.4	0.0
26/12/2023 03:30	4.9	245	18	7.0	0.0
26/12/2023 03:40	4.4	242	18	6.8	0.0
26/12/2023 03:50	4.9	243	15	7.5	0.0
26/12/2023 04:00	4.3	236	17	6.8	0.0
26/12/2023 04:10	4.9	239	15	7.9	0.0
26/12/2023 04:20	5.1	237	17	7.5	0.0
26/12/2023 04:30	5.0	237	15	7.6	0.0
26/12/2023 04:40	4.8	238	18	7.6	0.0
26/12/2023 04:50	4.8	241	19	6.8	0.0
26/12/2023 05:00	5.5	237	17	7.6	0.0
26/12/2023 05:10	4.7	232	20	6.8	0.0
26/12/2023 05:20	4.6	235	16	6.9	0.0
26/12/2023 05:30	3.8	240	22	6.0	0.0
26/12/2023 05:40	4.3	241	16	6.9	0.0
26/12/2023 05:50	4.4	234	17	6.8	0.0
26/12/2023 06:00	4.6	237	18	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 06:10	4.6	241	17	6.6	0.0
26/12/2023 06:20	4.6	244	19	6.8	0.0
26/12/2023 06:30	5.1	240	18	7.5	0.0
26/12/2023 06:40	4.8	236	18	7.2	0.0
26/12/2023 06:50	4.9	235	18	7.2	0.0
26/12/2023 07:00	5.0	233	16	7.2	0.0
26/12/2023 07:10	4.9	235	17	7.2	0.0
26/12/2023 07:20	4.7	238	17	6.8	0.0
26/12/2023 07:30	5.6	235	17	7.8	0.0
26/12/2023 07:40	5.5	233	18	7.9	0.0
26/12/2023 07:50	5.9	236	14	7.8	0.0
26/12/2023 08:00	5.7	236	15	7.9	0.0
26/12/2023 08:10	5.4	234	18	7.7	0.0
26/12/2023 08:20	4.8	221	17	8.3	0.0
26/12/2023 08:30	5.3	225	18	7.9	0.0
26/12/2023 08:40	5.0	234	21	7.5	0.0
26/12/2023 08:50	5.0	223	19	7.5	0.0
26/12/2023 09:00	5.2	228	18	7.6	0.0
26/12/2023 09:10	5.4	227	18	7.5	0.0
26/12/2023 09:20	5.3	229	20	7.7	0.0
26/12/2023 09:30	5.0	232	21	8.0	0.0
26/12/2023 09:40	5.4	238	19	8.0	0.0
26/12/2023 09:50	5.3	248	17	7.5	0.0
26/12/2023 10:00	5.0	229	19	7.8	0.0
26/12/2023 10:10	5.2	251	18	7.2	0.0
26/12/2023 10:20	4.7	246	16	7.2	0.0
26/12/2023 10:30	4.9	254	15	7.2	0.0
26/12/2023 10:40	5.1	257	19	8.0	0.0
26/12/2023 10:50	5.3	254	18	7.1	0.0
26/12/2023 11:00	5.3	255	18	7.9	0.0
26/12/2023 11:10	5.4	257	19	7.9	0.0
26/12/2023 11:20	5.2	254	17	7.2	0.0
26/12/2023 11:30	5.8	255	18	8.7	0.0
26/12/2023 11:40	5.5	259	18	7.9	0.0
26/12/2023 11:50	6.0	252	19	8.6	0.0
26/12/2023 12:00	6.0	256	19	9.9	0.0
26/12/2023 12:10	6.4	249	17	10.0	0.0
26/12/2023 12:20	6.6	248	16	9.9	0.0
26/12/2023 12:30	6.2	251	17	8.7	0.0
26/12/2023 12:40	6.4	249	18	9.1	0.0
26/12/2023 12:50	6.5	248	15	9.2	0.0
26/12/2023 13:00	6.3	254	19	10.1	0.0
26/12/2023 13:10	6.4	258	18	9.9	0.0
26/12/2023 13:20	6.4	258	18	9.1	0.0
26/12/2023 13:30	6.8	253	15	10.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 13:40	6.3	254	20	9.2	0.0
26/12/2023 13:50	6.6	257	18	9.5	0.0
26/12/2023 14:00	7.0	249	17	11.1	0.0
26/12/2023 14:10	7.1	249	17	10.3	0.0
26/12/2023 14:20	7.0	251	17	10.2	0.0
26/12/2023 14:30	6.8	252	17	9.4	0.0
26/12/2023 14:40	6.6	251	16	9.7	0.0
26/12/2023 14:50	7.0	251	20	10.2	0.0
26/12/2023 15:00	7.6	248	15	10.2	0.0
26/12/2023 15:10	7.2	248	17	11.0	0.0
26/12/2023 15:20	7.1	246	18	9.9	0.0
26/12/2023 15:30	7.4	248	18	10.3	0.0
26/12/2023 15:40	6.4	250	18	9.2	0.0
26/12/2023 15:50	6.7	250	17	10.5	0.0
26/12/2023 16:00	6.7	252	19	10.9	0.0
26/12/2023 16:10	7.0	250	14	9.5	0.0
26/12/2023 16:20	7.2	251	17	10.2	0.0
26/12/2023 16:30	6.8	249	17	9.9	0.0
26/12/2023 16:40	6.5	250	17	9.9	0.0
26/12/2023 16:50	6.4	252	15	9.1	0.0
26/12/2023 17:00	6.0	258	18	9.3	0.0
26/12/2023 17:10	5.8	254	18	8.7	0.0
26/12/2023 17:20	6.3	257	14	8.9	0.0
26/12/2023 17:30	6.8	252	16	9.8	0.0
26/12/2023 17:40	6.6	256	14	9.5	0.0
26/12/2023 17:50	6.2	254	14	8.7	0.0
26/12/2023 18:00	6.4	252	16	9.5	0.0
26/12/2023 18:10	6.0	253	16	9.3	0.0
26/12/2023 18:20	6.4	254	15	9.4	0.0
26/12/2023 18:30	5.9	255	13	8.5	0.0
26/12/2023 18:40	6.0	254	14	8.8	0.0
26/12/2023 18:50	6.0	253	14	8.3	0.0
26/12/2023 19:00	6.0	256	14	8.5	0.0
26/12/2023 19:10	6.2	255	15	8.5	0.0
26/12/2023 19:20	5.8	256	15	8.8	0.0
26/12/2023 19:30	5.8	254	16	8.5	0.0
26/12/2023 19:40	5.5	256	15	7.5	0.0
26/12/2023 19:50	4.9	254	15	7.0	0.0
26/12/2023 20:00	5.4	251	16	7.9	0.0
26/12/2023 20:10	4.8	256	17	7.1	0.0
26/12/2023 20:20	5.2	252	17	8.2	0.0
26/12/2023 20:30	5.4	251	17	7.7	0.0
26/12/2023 20:40	5.3	247	18	7.5	0.0
26/12/2023 20:50	5.6	251	15	7.8	0.0
26/12/2023 21:00	5.1	250	16	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 21:10	5.5	253	18	8.0	0.0
26/12/2023 21:20	5.2	254	15	7.4	0.0
26/12/2023 21:30	4.4	251	16	6.7	0.0
26/12/2023 21:40	5.1	248	18	7.7	0.0
26/12/2023 21:50	5.4	252	18	7.5	0.0
26/12/2023 22:00	4.7	253	17	7.2	0.0
26/12/2023 22:10	4.8	246	18	7.3	0.0
26/12/2023 22:20	5.0	252	19	7.7	0.0
26/12/2023 22:30	4.7	249	17	7.2	0.0
26/12/2023 22:40	5.3	247	17	7.8	0.0
26/12/2023 22:50	4.8	249	17	7.1	0.0
26/12/2023 23:00	4.3	249	17	6.7	0.0
26/12/2023 23:10	4.8	252	18	7.5	0.0
26/12/2023 23:20	4.5	255	19	6.5	0.0
26/12/2023 23:30	4.3	254	18	6.7	0.0
26/12/2023 23:40	4.8	253	18	6.5	0.0
26/12/2023 23:50	4.7	253	15	7.2	0.0
27/12/2023 00:00	4.6	246	19	7.0	0.0
27/12/2023 00:10	4.3	248	18	6.4	0.0
27/12/2023 00:20	5.0	251	15	8.1	0.0
27/12/2023 00:30	4.2	253	19	6.9	0.0
27/12/2023 00:40	4.8	253	15	7.5	0.0
27/12/2023 00:50	4.2	245	16	6.4	0.0
27/12/2023 01:00	4.3	246	20	6.6	0.0
27/12/2023 01:10	4.5	243	19	6.8	0.0
27/12/2023 01:20	4.6	246	17	7.1	0.0
27/12/2023 01:30	4.5	248	19	6.9	0.0
27/12/2023 01:40	4.5	244	18	7.2	0.0
27/12/2023 01:50	4.2	247	17	6.2	0.0
27/12/2023 02:00	4.3	248	14	6.3	0.0
27/12/2023 02:10	4.7	252	16	7.2	0.0
27/12/2023 02:20	5.0	251	15	7.0	0.0
27/12/2023 02:30	4.9	255	14	6.6	0.0
27/12/2023 02:40	4.9	253	18	6.9	0.0
27/12/2023 02:50	4.6	250	20	7.3	0.0
27/12/2023 03:00	4.5	253	17	6.9	0.0
27/12/2023 03:10	4.5	252	16	6.2	0.0
27/12/2023 03:20	4.6	252	17	7.0	0.0
27/12/2023 03:30	4.6	252	17	6.8	0.0
27/12/2023 03:40	4.1	253	17	5.9	0.0
27/12/2023 03:50	4.6	247	15	7.3	0.0
27/12/2023 04:00	4.4	246	17	7.0	0.0
27/12/2023 04:10	4.3	251	16	6.3	0.0
27/12/2023 04:20	4.2	252	15	6.4	0.0
27/12/2023 04:30	3.7	250	15	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 04:40	3.9	251	17	6.0	0.0
27/12/2023 04:50	4.1	254	16	5.9	0.0
27/12/2023 05:00	4.1	254	15	6.0	0.0
27/12/2023 05:10	4.2	253	17	5.8	0.0
27/12/2023 05:20	4.0	243	20	6.0	0.0
27/12/2023 05:30	4.7	237	14	6.7	0.0
27/12/2023 05:40	4.3	241	16	6.5	0.0
27/12/2023 05:50	4.1	238	17	6.0	0.0
27/12/2023 06:00	3.7	240	15	5.3	0.0
27/12/2023 06:10	3.4	242	19	5.1	0.0
27/12/2023 06:20	4.1	241	15	6.1	0.0
27/12/2023 06:30	3.9	243	17	5.4	0.0
27/12/2023 06:40	3.9	244	18	5.5	0.0
27/12/2023 06:50	4.0	243	16	5.6	0.0
27/12/2023 07:00	3.8	241	21	6.3	0.0
27/12/2023 07:10	4.1	231	16	5.9	0.0
27/12/2023 07:20	4.0	230	19	6.0	0.0
27/12/2023 07:30	4.4	233	17	6.5	0.0
27/12/2023 07:40	4.5	242	16	6.5	0.0
27/12/2023 07:50	4.6	239	18	6.5	0.0
27/12/2023 08:00	4.7	241	18	6.7	0.0
27/12/2023 08:10	4.5	241	21	6.2	0.0
27/12/2023 08:20	4.5	234	19	6.4	0.0
27/12/2023 08:30	4.9	239	15	7.1	0.0
27/12/2023 08:40	4.7	242	20	6.6	0.0
27/12/2023 08:50	4.6	233	17	6.5	0.0
27/12/2023 09:00	4.6	233	19	6.4	0.0
27/12/2023 09:10	4.3	233	19	6.0	0.0
27/12/2023 09:20	4.4	252	15	5.9	0.0
27/12/2023 09:30	4.5	256	17	6.5	0.0
27/12/2023 09:40	4.6	254	18	6.5	0.0
27/12/2023 09:50	4.5	256	16	6.4	0.0
27/12/2023 10:00	4.7	251	17	6.2	0.0
27/12/2023 10:10	4.8	246	15	6.8	0.0
27/12/2023 10:20	4.3	257	20	6.8	0.0
27/12/2023 10:30	4.8	254	17	6.9	0.0
27/12/2023 10:40	4.6	250	18	6.7	0.0
27/12/2023 10:50	4.7	249	15	6.8	0.0
27/12/2023 11:00	4.6	261	18	6.8	0.0
27/12/2023 11:10	4.8	257	16	6.9	0.0
27/12/2023 11:20	4.8	256	17	7.1	0.0
27/12/2023 11:30	5.1	257	16	7.2	0.0
27/12/2023 11:40	4.8	258	19	6.8	0.0
27/12/2023 11:50	4.9	257	18	7.2	0.0
27/12/2023 12:00	5.3	250	18	7.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 12:10	5.1	251	20	6.9	0.0
27/12/2023 12:20	5.0	250	17	7.3	0.0
27/12/2023 12:30	4.6	251	20	7.9	0.0
27/12/2023 12:40	5.0	249	19	7.2	0.0
27/12/2023 12:50	5.3	252	17	7.4	0.0
27/12/2023 13:00	5.5	248	17	7.7	0.0
27/12/2023 13:10	5.7	247	16	8.4	0.0
27/12/2023 13:20	5.7	246	16	8.5	0.0
27/12/2023 13:30	5.5	254	17	7.8	0.0
27/12/2023 13:40	5.5	249	20	7.9	0.0
27/12/2023 13:50	6.1	245	15	9.0	0.0
27/12/2023 14:00	6.1	249	18	9.0	0.0
27/12/2023 14:10	5.7	252	18	8.7	0.0
27/12/2023 14:20	5.8	252	17	9.0	0.0
27/12/2023 14:30	5.9	252	19	9.4	0.0
27/12/2023 14:40	5.9	256	16	8.7	0.0
27/12/2023 14:50	5.9	253	22	9.4	0.0
27/12/2023 15:00	6.1	250	17	9.2	0.0
27/12/2023 15:10	5.9	256	15	9.0	0.0
27/12/2023 15:20	5.8	248	18	8.3	0.0
27/12/2023 15:30	6.3	252	19	9.1	0.0
27/12/2023 15:40	7.0	247	18	9.6	0.0
27/12/2023 15:50	6.6	250	16	9.6	0.0
27/12/2023 16:00	6.2	253	17	9.0	0.0
27/12/2023 16:10	6.6	257	19	10.7	0.0
27/12/2023 16:20	6.1	258	19	8.8	0.0
27/12/2023 16:30	5.6	256	18	8.7	0.0
27/12/2023 16:40	6.2	255	19	9.0	0.0
27/12/2023 16:50	5.9	253	19	8.3	0.0
27/12/2023 17:00	6.1	249	17	8.6	0.0
27/12/2023 17:10	6.2	248	16	8.6	0.0
27/12/2023 17:20	5.7	251	15	8.0	0.0
27/12/2023 17:30	6.0	251	17	8.3	0.0
27/12/2023 17:40	5.9	249	17	8.3	0.0
27/12/2023 17:50	6.0	251	18	8.6	0.0
27/12/2023 18:00	6.0	251	16	8.8	0.0
27/12/2023 18:10	5.8	254	16	8.7	0.0
27/12/2023 18:20	6.1	251	13	8.9	0.0
27/12/2023 18:30	5.8	253	14	8.6	0.0
27/12/2023 18:40	5.5	252	15	7.7	0.0
27/12/2023 18:50	5.7	255	13	7.7	0.0
27/12/2023 19:00	5.8	256	17	8.1	0.0
27/12/2023 19:10	5.6	250	15	7.8	0.0
27/12/2023 19:20	5.3	255	15	8.2	0.0
27/12/2023 19:30	5.2	256	16	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 19:40	4.9	255	17	6.4	0.0
27/12/2023 19:50	4.8	255	19	7.5	0.0
27/12/2023 20:00	4.2	257	15	6.3	0.0
27/12/2023 20:10	4.2	259	15	6.2	0.0
27/12/2023 20:20	4.4	256	15	6.4	0.0
27/12/2023 20:30	4.5	263	15	6.7	0.0
27/12/2023 20:40	4.5	261	15	6.3	0.0
27/12/2023 20:50	4.8	260	15	6.9	0.0
27/12/2023 21:00	4.8	258	15	7.0	0.0
27/12/2023 21:10	4.3	255	17	6.3	0.0
27/12/2023 21:20	4.6	257	18	7.7	0.0
27/12/2023 21:30	4.8	255	16	6.8	0.0
27/12/2023 21:40	4.3	253	18	6.3	0.0
27/12/2023 21:50	4.7	254	15	6.8	0.0
27/12/2023 22:00	4.1	247	19	6.3	0.0
27/12/2023 22:10	4.2	248	19	6.4	0.0
27/12/2023 22:20	4.3	246	18	6.7	0.0
27/12/2023 22:30	4.2	249	18	6.4	0.0
27/12/2023 22:40	4.8	251	19	7.6	0.0
27/12/2023 22:50	4.5	249	17	7.0	0.0
27/12/2023 23:00	4.8	253	16	7.1	0.0
27/12/2023 23:10	4.4	249	16	6.6	0.0
27/12/2023 23:20	4.4	255	17	6.4	0.0
27/12/2023 23:30	4.8	253	15	6.7	0.0
27/12/2023 23:40	4.7	256	14	6.8	0.0
27/12/2023 23:50	4.5	257	16	6.4	0.0
28/12/2023 00:00	4.5	255	15	6.7	0.0
28/12/2023 00:10	4.3	254	14	6.3	0.0
28/12/2023 00:20	3.9	254	17	5.7	0.0
28/12/2023 00:30	3.8	250	18	6.0	0.0
28/12/2023 00:40	4.1	248	15	6.1	0.0
28/12/2023 00:50	4.1	251	15	6.0	0.0
28/12/2023 01:00	4.5	256	16	6.4	0.0
28/12/2023 01:10	4.7	254	15	6.5	0.0
28/12/2023 01:20	4.5	255	16	6.4	0.0
28/12/2023 01:30	4.1	257	17	6.3	0.0
28/12/2023 01:40	4.3	251	14	6.4	0.0
28/12/2023 01:50	4.1	250	18	6.3	0.0
28/12/2023 02:00	4.2	247	17	6.2	0.0
28/12/2023 02:10	4.1	254	18	5.6	0.0
28/12/2023 02:20	4.0	253	16	6.0	0.0
28/12/2023 02:30	3.6	249	17	5.5	0.0
28/12/2023 02:40	3.9	253	15	5.9	0.0
28/12/2023 02:50	4.1	252	15	5.8	0.0
28/12/2023 03:00	3.8	253	14	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 03:10	3.4	250	17	5.5	0.0
28/12/2023 03:20	3.9	256	16	5.6	0.0
28/12/2023 03:30	3.9	260	16	5.6	0.0
28/12/2023 03:40	4.4	254	13	6.4	0.0
28/12/2023 03:50	4.4	253	15	6.0	0.0
28/12/2023 04:00	3.8	249	15	5.6	0.0
28/12/2023 04:10	3.8	245	18	5.8	0.0
28/12/2023 04:20	4.2	250	13	6.0	0.0
28/12/2023 04:30	4.3	246	17	6.7	0.0
28/12/2023 04:40	3.9	249	17	5.9	0.0
28/12/2023 04:50	4.1	251	14	5.7	0.0
28/12/2023 05:00	4.2	250	17	6.2	0.0
28/12/2023 05:10	3.7	253	15	5.7	0.0
28/12/2023 05:20	4.2	255	15	6.0	0.0
28/12/2023 05:30	4.4	258	14	6.0	0.0
28/12/2023 05:40	4.6	261	14	6.4	0.0
28/12/2023 05:50	4.9	259	14	6.8	0.0
28/12/2023 06:00	4.4	257	16	6.4	0.0
28/12/2023 06:10	4.0	252	16	5.8	0.0
28/12/2023 06:20	4.2	253	15	6.7	0.0
28/12/2023 06:30	4.8	257	14	6.4	0.0
28/12/2023 06:40	4.5	254	14	6.6	0.0
28/12/2023 06:50	4.5	252	14	6.0	0.0
28/12/2023 07:00	4.3	255	15	5.7	0.0
28/12/2023 07:10	4.2	259	16	5.8	0.0
28/12/2023 07:20	4.4	257	15	5.7	0.0
28/12/2023 07:30	4.8	254	13	6.4	0.0
28/12/2023 07:40	4.2	255	17	6.1	0.0
28/12/2023 07:50	4.1	253	16	5.6	0.0
28/12/2023 08:00	3.8	253	17	5.1	0.0
28/12/2023 08:10	3.6	252	18	5.0	0.0
28/12/2023 08:20	3.4	258	16	4.8	0.0
28/12/2023 08:30	3.4	260	17	4.8	0.0
28/12/2023 08:40	4.0	253	16	5.9	0.0
28/12/2023 08:50	4.0	256	16	5.3	0.0
28/12/2023 09:00	3.8	258	16	5.2	0.0
28/12/2023 09:10	4.1	257	18	5.6	0.0
28/12/2023 09:20	4.3	257	18	5.6	0.0
28/12/2023 09:30	4.5	252	16	6.2	0.0
28/12/2023 09:40	4.4	254	16	6.3	0.0
28/12/2023 09:50	4.5	254	16	6.4	0.0
28/12/2023 10:00	4.5	254	17	6.2	0.0
28/12/2023 10:10	4.8	252	14	6.4	0.0
28/12/2023 10:20	5.1	254	14	7.0	0.0
28/12/2023 10:30	4.8	253	15	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 10:40	5.2	249	13	6.8	0.0
28/12/2023 10:50	5.5	249	15	7.2	0.0
28/12/2023 11:00	5.2	249	19	7.2	0.0
28/12/2023 11:10	5.2	248	16	6.8	0.0
28/12/2023 11:20	5.1	249	16	7.7	0.0
28/12/2023 11:30	5.3	247	14	7.3	0.0
28/12/2023 11:40	5.4	245	15	7.9	0.0
28/12/2023 11:50	5.4	251	16	7.2	0.0
28/12/2023 12:00	5.3	248	18	7.6	0.0
28/12/2023 12:10	5.4	245	16	7.4	0.0
28/12/2023 12:20	5.3	248	16	7.1	0.0
28/12/2023 12:30	5.0	249	16	6.8	0.0
28/12/2023 12:40	5.0	245	16	6.9	0.0
28/12/2023 12:50	5.4	245	16	7.5	0.0
28/12/2023 13:00	4.8	254	18	6.5	0.0
28/12/2023 13:10	4.9	246	16	6.8	0.0
28/12/2023 13:20	4.9	249	18	6.8	0.0
28/12/2023 13:30	5.4	251	16	7.8	0.0
28/12/2023 13:40	5.5	248	17	8.3	0.0
28/12/2023 13:50	5.8	248	16	8.6	0.0
28/12/2023 14:00	5.6	248	18	8.4	0.0
28/12/2023 14:10	5.7	256	19	9.2	0.0
28/12/2023 14:20	5.8	249	15	7.9	0.0
28/12/2023 14:30	6.0	245	17	8.7	0.0
28/12/2023 14:40	6.3	248	17	8.5	0.0
28/12/2023 14:50	6.0	247	16	8.5	0.0
28/12/2023 15:00	5.4	253	16	7.6	0.0
28/12/2023 15:10	6.2	249	14	8.5	0.0
28/12/2023 15:20	6.4	249	15	9.9	0.0
28/12/2023 15:30	6.2	246	15	8.7	0.0
28/12/2023 15:40	5.5	251	18	8.2	0.0
28/12/2023 15:50	6.2	251	16	9.0	0.0
28/12/2023 16:00	5.8	250	16	7.9	0.0
28/12/2023 16:10	5.5	250	18	8.4	0.0
28/12/2023 16:20	6.2	246	16	8.9	0.0
28/12/2023 16:30	5.5	249	17	8.6	0.0
28/12/2023 16:40	5.6	250	16	7.9	0.0
28/12/2023 16:50	6.0	249	14	8.7	0.0
28/12/2023 17:00	5.7	247	17	8.4	0.0
28/12/2023 17:10	5.7	248	17	7.9	0.0
28/12/2023 17:20	5.3	251	17	7.8	0.0
28/12/2023 17:30	5.3	249	16	7.7	0.0
28/12/2023 17:40	5.2	248	16	7.8	0.0
28/12/2023 17:50	5.2	249	17	8.8	0.0
28/12/2023 18:00	5.6	251	16	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 18:10	4.8	252	18	7.8	0.0
28/12/2023 18:20	4.2	257	18	6.2	0.0
28/12/2023 18:30	4.4	252	17	6.8	0.0
28/12/2023 18:40	4.8	255	15	6.8	0.0
28/12/2023 18:50	4.5	248	18	6.7	0.0
28/12/2023 19:00	4.6	252	15	7.2	0.0
28/12/2023 19:10	4.9	250	17	7.0	0.0
28/12/2023 19:20	5.0	248	16	7.4	0.0
28/12/2023 19:30	4.9	250	16	7.5	0.0
28/12/2023 19:40	4.8	253	16	6.4	0.0
28/12/2023 19:50	4.8	252	16	6.6	0.0
28/12/2023 20:00	4.8	254	14	6.4	0.0
28/12/2023 20:10	4.5	256	16	6.8	0.0
28/12/2023 20:20	4.2	246	16	6.4	0.0
28/12/2023 20:30	4.4	255	14	6.0	0.0
28/12/2023 20:40	4.4	250	17	6.5	0.0
28/12/2023 20:50	4.9	258	14	6.6	0.0
28/12/2023 21:00	5.2	255	15	7.3	0.0
28/12/2023 21:10	4.8	255	14	6.7	0.0
28/12/2023 21:20	4.9	253	13	7.3	0.0
28/12/2023 21:30	4.5	250	18	6.5	0.0
28/12/2023 21:40	4.8	252	17	7.2	0.0
28/12/2023 21:50	4.1	242	17	6.7	0.0
28/12/2023 22:00	4.5	249	20	7.0	0.0
28/12/2023 22:10	4.6	248	15	6.7	0.0
28/12/2023 22:20	4.5	247	16	7.1	0.0
28/12/2023 22:30	4.8	251	16	6.9	0.0
28/12/2023 22:40	4.2	248	16	6.4	0.0
28/12/2023 22:50	4.1	244	18	7.0	0.0
28/12/2023 23:00	4.1	255	17	5.6	0.0
28/12/2023 23:10	4.7	254	15	6.8	0.0
28/12/2023 23:20	4.0	253	18	5.6	0.0
28/12/2023 23:30	4.8	253	14	6.6	0.0
28/12/2023 23:40	4.8	253	13	7.2	0.0
28/12/2023 23:50	4.5	254	14	6.8	0.0
29/12/2023 00:00	4.3	257	17	5.9	0.0
29/12/2023 00:10	3.9	258	16	6.0	0.0
29/12/2023 00:20	3.9	256	13	5.2	0.0
29/12/2023 00:30	4.2	253	15	6.3	0.0
29/12/2023 00:40	4.1	250	15	5.4	0.0
29/12/2023 00:50	4.8	253	13	6.6	0.0
29/12/2023 01:00	4.7	253	15	6.7	0.0
29/12/2023 01:10	4.3	251	16	6.5	0.0
29/12/2023 01:20	4.7	255	14	6.4	0.0
29/12/2023 01:30	4.3	253	15	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 01:40	3.7	256	15	5.2	0.0
29/12/2023 01:50	4.0	254	13	5.8	0.0
29/12/2023 02:00	4.1	257	13	5.9	0.0
29/12/2023 02:10	3.7	252	16	5.4	0.0
29/12/2023 02:20	3.7	250	17	5.7	0.0
29/12/2023 02:30	4.3	258	14	6.1	0.0
29/12/2023 02:40	4.1	256	13	5.2	0.0
29/12/2023 02:50	3.8	254	17	5.6	0.0
29/12/2023 03:00	4.0	250	14	5.7	0.0
29/12/2023 03:10	3.2	247	20	4.9	0.0
29/12/2023 03:20	3.8	251	18	5.7	0.0
29/12/2023 03:30	3.6	247	14	5.9	0.0
29/12/2023 03:40	4.2	250	15	6.0	0.0
29/12/2023 03:50	4.5	251	17	7.1	0.0
29/12/2023 04:00	4.2	250	16	6.0	0.0
29/12/2023 04:10	4.3	252	15	6.5	0.0
29/12/2023 04:20	3.9	254	18	5.8	0.0
29/12/2023 04:30	3.3	248	18	5.1	0.0
29/12/2023 04:40	3.2	247	17	4.8	0.0
29/12/2023 04:50	2.8	240	16	4.0	0.0
29/12/2023 05:00	3.2	243	15	4.5	0.0
29/12/2023 05:10	3.4	239	16	5.2	0.0
29/12/2023 05:20	3.0	240	17	4.7	0.0
29/12/2023 05:30	2.7	243	20	4.4	0.0
29/12/2023 05:40	3.3	250	15	5.6	0.0
29/12/2023 05:50	4.0	253	16	5.6	0.0
29/12/2023 06:00	3.8	253	17	5.4	0.0
29/12/2023 06:10	4.0	252	16	5.2	0.0
29/12/2023 06:20	3.9	252	16	5.6	0.0
29/12/2023 06:30	3.8	248	17	5.6	0.0
29/12/2023 06:40	3.9	249	17	5.6	0.0
29/12/2023 06:50	4.4	249	14	6.6	0.0
29/12/2023 07:00	4.4	245	15	6.5	0.0
29/12/2023 07:10	4.1	245	16	5.6	0.0
29/12/2023 07:20	4.3	242	19	6.2	0.0
29/12/2023 07:30	4.2	237	16	6.1	0.0
29/12/2023 07:40	4.5	241	16	5.8	0.0
29/12/2023 07:50	4.6	247	15	6.1	0.0
29/12/2023 08:00	4.4	242	18	6.1	0.0
29/12/2023 08:10	4.2	247	18	5.8	0.0
29/12/2023 08:20	4.2	243	15	5.5	0.0
29/12/2023 08:30	3.9	245	17	5.7	0.0
29/12/2023 08:40	3.8	251	21	5.2	0.0
29/12/2023 08:50	4.1	251	13	5.3	0.0
29/12/2023 09:00	4.0	254	17	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 09:10	4.1	259	15	5.6	0.0
29/12/2023 09:20	4.0	254	19	5.6	0.0
29/12/2023 09:30	4.0	253	16	5.7	0.0
29/12/2023 09:40	4.3	255	16	5.6	0.0
29/12/2023 09:50	3.5	253	21	5.4	0.0
29/12/2023 10:00	3.9	256	19	5.4	0.0
29/12/2023 10:10	3.8	247	18	5.4	0.0
29/12/2023 10:20	4.1	245	18	5.6	0.0
29/12/2023 10:30	3.6	255	17	5.1	0.0
29/12/2023 10:40	3.5	260	21	5.1	0.0
29/12/2023 10:50	3.5	253	18	5.3	0.0
29/12/2023 11:00	4.1	243	17	5.9	0.0
29/12/2023 11:10	4.2	242	15	6.0	0.0
29/12/2023 11:20	4.2	243	15	5.6	0.0
29/12/2023 11:30	4.6	244	17	6.4	0.0
29/12/2023 11:40	4.5	243	17	6.3	0.0
29/12/2023 11:50	4.4	245	15	5.9	0.0
29/12/2023 12:00	4.7	243	15	6.0	0.0
29/12/2023 12:10	4.3	241	19	5.9	0.0
29/12/2023 12:20	3.6	267	26	5.9	0.0
29/12/2023 12:30	3.2	262	29	5.3	0.0
29/12/2023 12:40	3.5	255	28	5.7	0.0
29/12/2023 12:50	4.1	248	17	6.3	0.0
29/12/2023 13:00	4.9	243	17	6.7	0.0
29/12/2023 13:10	4.5	246	19	6.7	0.0
29/12/2023 13:20	4.8	241	16	6.4	0.0
29/12/2023 13:30	4.8	241	18	7.0	0.0
29/12/2023 13:40	4.9	239	16	6.6	0.0
29/12/2023 13:50	4.9	238	17	7.6	0.0
29/12/2023 14:00	5.0	242	17	6.9	0.0
29/12/2023 14:10	5.0	238	15	6.7	0.0
29/12/2023 14:20	5.1	243	17	7.0	0.0
29/12/2023 14:30	5.1	241	15	7.3	0.0
29/12/2023 14:40	5.0	242	15	7.0	0.0
29/12/2023 14:50	5.0	241	16	7.2	0.0
29/12/2023 15:00	5.2	250	18	7.2	0.0
29/12/2023 15:10	5.4	246	15	7.6	0.0
29/12/2023 15:20	5.2	247	19	6.7	0.0
29/12/2023 15:30	5.3	246	16	7.8	0.0
29/12/2023 15:40	5.6	243	17	8.2	0.0
29/12/2023 15:50	6.1	244	19	8.1	0.0
29/12/2023 16:00	6.3	244	15	8.5	0.0
29/12/2023 16:10	5.5	250	18	7.2	0.0
29/12/2023 16:20	5.7	246	14	8.0	0.0
29/12/2023 16:30	5.0	253	16	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 16:40	5.6	255	14	7.6	0.0
29/12/2023 16:50	5.1	260	16	7.2	0.0
29/12/2023 17:00	4.9	257	18	7.0	0.0
29/12/2023 17:10	4.8	255	17	7.2	0.0
29/12/2023 17:20	5.0	249	16	7.2	0.0
29/12/2023 17:30	4.6	251	17	7.5	0.0
29/12/2023 17:40	4.8	250	19	7.5	0.0
29/12/2023 17:50	5.0	247	16	6.8	0.0
29/12/2023 18:00	4.9	251	15	7.3	0.0
29/12/2023 18:10	4.4	253	19	6.2	0.0
29/12/2023 18:20	4.3	254	17	6.9	0.0
29/12/2023 18:30	4.0	252	17	6.4	0.0
29/12/2023 18:40	3.9	258	17	6.3	0.0
29/12/2023 18:50	4.0	255	15	6.2	0.0
29/12/2023 19:00	4.5	259	15	7.2	0.0
29/12/2023 19:10	4.7	253	15	6.8	0.0
29/12/2023 19:20	4.1	258	18	6.4	0.0
29/12/2023 19:30	4.0	258	16	5.9	0.0
29/12/2023 19:40	4.1	257	22	6.5	0.0
29/12/2023 19:50	4.5	259	19	6.6	0.0
29/12/2023 20:00	4.2	263	17	6.0	0.0
29/12/2023 20:10	4.4	261	15	6.2	0.0
29/12/2023 20:20	4.4	259	16	6.0	0.0
29/12/2023 20:30	4.7	254	13	7.0	0.0
29/12/2023 20:40	4.1	257	18	6.1	0.0
29/12/2023 20:50	3.9	257	14	6.0	0.0
29/12/2023 21:00	4.6	256	17	6.9	0.0
29/12/2023 21:10	4.6	258	16	6.4	0.0
29/12/2023 21:20	4.4	257	14	6.4	0.0
29/12/2023 21:30	4.4	257	17	6.2	0.0
29/12/2023 21:40	4.8	257	15	6.7	0.0
29/12/2023 21:50	4.4	256	16	6.4	0.0
29/12/2023 22:00	4.4	260	14	6.5	0.0
29/12/2023 22:10	4.9	258	13	6.8	0.0
29/12/2023 22:20	4.7	256	16	7.0	0.0
29/12/2023 22:30	4.8	261	16	6.8	0.0
29/12/2023 22:40	4.4	256	15	6.4	0.0
29/12/2023 22:50	4.7	261	15	6.6	0.0
29/12/2023 23:00	4.7	259	14	6.8	0.0
29/12/2023 23:10	4.5	258	16	6.8	0.0
29/12/2023 23:20	4.8	255	14	6.7	0.0
29/12/2023 23:30	4.5	258	16	6.8	0.0
29/12/2023 23:40	4.4	255	14	6.0	0.0
29/12/2023 23:50	4.9	256	16	7.0	0.0
30/12/2023 00:00	4.8	254	14	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 00:10	4.6	256	14	7.1	0.0
30/12/2023 00:20	4.6	254	15	6.8	0.0
30/12/2023 00:30	4.5	253	13	6.6	0.0
30/12/2023 00:40	4.3	253	15	6.8	0.0
30/12/2023 00:50	5.0	254	16	7.5	0.0
30/12/2023 01:00	4.7	253	14	6.8	0.0
30/12/2023 01:10	5.0	256	15	6.8	0.0
30/12/2023 01:20	5.3	253	14	7.1	0.0
30/12/2023 01:30	5.1	255	12	7.0	0.0
30/12/2023 01:40	5.2	256	14	7.1	0.0
30/12/2023 01:50	5.0	256	15	6.8	0.0
30/12/2023 02:00	5.0	256	14	6.8	0.0
30/12/2023 02:10	5.1	254	15	6.8	0.0
30/12/2023 02:20	4.9	257	12	6.5	0.0
30/12/2023 02:30	5.1	254	14	7.4	0.0
30/12/2023 02:40	4.7	259	16	6.4	0.0
30/12/2023 02:50	5.0	256	14	6.6	0.0
30/12/2023 03:00	4.8	255	16	6.5	0.0
30/12/2023 03:10	4.2	258	14	6.0	0.0
30/12/2023 03:20	4.1	256	16	5.9	0.0
30/12/2023 03:30	4.5	257	14	6.0	0.0
30/12/2023 03:40	4.8	255	14	6.4	0.0
30/12/2023 03:50	4.9	255	14	6.4	0.0
30/12/2023 04:00	4.6	257	13	6.3	0.0
30/12/2023 04:10	5.1	254	13	6.7	0.0
30/12/2023 04:20	4.4	254	14	5.9	0.0
30/12/2023 04:30	4.4	259	16	6.2	0.0
30/12/2023 04:40	4.2	255	16	5.7	0.0
30/12/2023 04:50	4.6	254	14	6.4	0.0
30/12/2023 05:00	4.4	256	13	6.4	0.0
30/12/2023 05:10	4.6	256	13	6.6	0.0
30/12/2023 05:20	4.0	252	17	6.1	0.0
30/12/2023 05:30	4.1	252	18	5.9	0.0
30/12/2023 05:40	4.1	251	18	5.9	0.0
30/12/2023 05:50	3.6	255	15	5.0	0.0
30/12/2023 06:00	3.5	259	16	4.9	0.0
30/12/2023 06:10	3.7	261	15	5.4	0.0
30/12/2023 06:20	3.7	261	13	5.8	0.0
30/12/2023 06:30	4.4	258	14	6.2	0.0
30/12/2023 06:40	4.1	259	16	6.1	0.0
30/12/2023 06:50	4.0	253	16	5.6	0.0
30/12/2023 07:00	4.2	260	15	5.9	0.0
30/12/2023 07:10	4.5	256	15	6.3	0.0
30/12/2023 07:20	4.7	255	15	6.4	0.0
30/12/2023 07:30	4.4	258	14	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 07:40	4.5	254	16	6.1	0.0
30/12/2023 07:50	3.9	255	16	5.4	0.0
30/12/2023 08:00	3.7	251	18	5.4	0.0
30/12/2023 08:10	2.8	251	18	3.8	0.0
30/12/2023 08:20	2.6	250	18	3.6	0.0
30/12/2023 08:30	3.1	255	15	4.1	0.0
30/12/2023 08:40	2.4	252	19	3.6	0.0
30/12/2023 08:50	2.1	261	29	3.5	0.0
30/12/2023 09:00	2.0	272	37	3.4	0.0
30/12/2023 09:10	2.4	254	24	3.6	0.0
30/12/2023 09:20	2.6	244	21	3.9	0.0
30/12/2023 09:30	2.3	295	34	3.7	0.0
30/12/2023 09:40	1.9	281	48	3.2	0.0
30/12/2023 09:50	2.6	328	31	4.0	0.0
30/12/2023 10:00	2.3	325	27	3.6	0.0
30/12/2023 10:10	2.4	296	38	3.8	0.0
30/12/2023 10:20	2.2	302	35	3.6	0.0
30/12/2023 10:30	2.6	254	25	4.1	0.0
30/12/2023 10:40	2.2	280	39	3.5	0.0
30/12/2023 10:50	2.3	275	52	3.6	0.0
30/12/2023 11:00	1.9	311	40	3.6	0.0
30/12/2023 11:10	2.5	293	41	4.4	0.0
30/12/2023 11:20	2.9	247	24	5.0	0.0
30/12/2023 11:30	2.6	265	41	4.4	0.0
30/12/2023 11:40	2.4	265	38	4.8	0.0
30/12/2023 11:50	2.8	258	35	4.5	0.0
30/12/2023 12:00	2.6	255	30	3.8	0.0
30/12/2023 12:10	2.6	252	26	3.7	0.0
30/12/2023 12:20	2.9	257	25	4.4	0.0
30/12/2023 12:30	2.5	267	45	4.2	0.0
30/12/2023 12:40	3.6	252	21	6.2	0.0
30/12/2023 12:50	4.1	245	19	6.4	0.0
30/12/2023 13:00	4.3	245	19	7.3	0.0
30/12/2023 13:10	4.2	252	20	6.4	0.0
30/12/2023 13:20	4.3	249	19	6.4	0.0
30/12/2023 13:30	5.1	244	15	7.5	0.0
30/12/2023 13:40	5.0	243	17	7.5	0.0
30/12/2023 13:50	5.5	249	16	7.1	0.0
30/12/2023 14:00	5.1	249	15	7.2	0.0
30/12/2023 14:10	5.6	247	18	8.0	0.0
30/12/2023 14:20	5.3	247	18	7.4	0.0
30/12/2023 14:30	6.0	242	16	8.4	0.0
30/12/2023 14:40	5.7	244	16	7.2	0.0
30/12/2023 14:50	6.1	244	16	8.1	0.0
30/12/2023 15:00	6.0	240	15	8.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 15:10	5.6	246	17	8.3	0.0
30/12/2023 15:20	4.9	248	21	6.8	0.0
30/12/2023 15:30	5.5	249	19	7.9	0.0
30/12/2023 15:40	5.0	255	20	8.8	0.0
30/12/2023 15:50	5.2	256	17	7.9	0.0
30/12/2023 16:00	4.9	258	19	7.6	0.0
30/12/2023 16:10	5.2	255	20	8.3	0.0
30/12/2023 16:20	4.5	253	18	6.5	0.0
30/12/2023 16:30	4.8	250	17	7.1	0.0
30/12/2023 16:40	5.1	254	19	7.2	0.0
30/12/2023 16:50	5.3	252	17	8.0	0.0
30/12/2023 17:00	5.2	251	18	7.2	0.0
30/12/2023 17:10	5.2	253	16	7.8	0.0
30/12/2023 17:20	5.0	249	17	7.6	0.0
30/12/2023 17:30	4.9	251	15	6.9	0.0
30/12/2023 17:40	4.8	251	16	7.2	0.0
30/12/2023 17:50	5.5	252	18	7.8	0.0
30/12/2023 18:00	4.8	250	20	7.5	0.0
30/12/2023 18:10	5.1	260	18	8.4	0.0
30/12/2023 18:20	5.0	256	19	7.4	0.0
30/12/2023 18:30	5.6	254	17	8.3	0.0
30/12/2023 18:40	5.3	253	16	7.7	0.0
30/12/2023 18:50	5.1	252	16	9.1	0.0
30/12/2023 19:00	5.0	249	18	7.7	0.0
30/12/2023 19:10	5.7	251	14	7.9	0.0
30/12/2023 19:20	5.2	255	16	7.7	0.0
30/12/2023 19:30	5.2	254	14	7.4	0.0
30/12/2023 19:40	5.4	251	15	7.8	0.0
30/12/2023 19:50	5.5	253	14	7.5	0.0
30/12/2023 20:00	5.4	254	15	8.3	0.0
30/12/2023 20:10	5.2	257	16	7.5	0.0
30/12/2023 20:20	5.2	252	15	6.8	0.0
30/12/2023 20:30	5.3	256	16	7.4	0.0
30/12/2023 20:40	5.4	256	15	7.2	0.0
30/12/2023 20:50	4.9	252	16	7.0	0.0
30/12/2023 21:00	5.6	253	15	7.7	0.0
30/12/2023 21:10	5.9	256	16	8.3	0.0
30/12/2023 21:20	5.6	255	16	8.2	0.0
30/12/2023 21:30	6.0	256	15	8.3	0.0
30/12/2023 21:40	5.3	256	17	7.5	0.0
30/12/2023 21:50	5.5	256	17	8.2	0.0
30/12/2023 22:00	5.4	255	18	7.9	0.0
30/12/2023 22:10	5.3	250	16	7.5	0.0
30/12/2023 22:20	4.8	254	16	7.1	0.0
30/12/2023 22:30	5.3	257	18	7.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 22:40	5.6	256	16	7.6	0.0
30/12/2023 22:50	5.3	256	15	7.2	0.0
30/12/2023 23:00	5.0	255	17	7.0	0.0
30/12/2023 23:10	4.5	253	18	6.8	0.0
30/12/2023 23:20	4.6	256	19	6.7	0.0
30/12/2023 23:30	4.5	254	18	6.9	0.0
30/12/2023 23:40	4.4	256	15	6.3	0.0
30/12/2023 23:50	4.4	254	17	6.1	0.0
31/12/2023 00:00	4.2	256	14	6.0	0.0
31/12/2023 00:10	4.4	257	15	6.4	0.0
31/12/2023 00:20	4.8	258	14	6.7	0.0
31/12/2023 00:30	4.8	257	15	6.8	0.0
31/12/2023 00:40	4.7	257	13	6.9	0.0
31/12/2023 00:50	4.8	258	15	6.5	0.0
31/12/2023 01:00	4.7	257	17	6.3	0.0
31/12/2023 01:10	4.3	255	18	6.7	0.0
31/12/2023 01:20	4.7	259	14	6.2	0.0
31/12/2023 01:30	4.4	258	14	6.0	0.0
31/12/2023 01:40	4.2	260	14	6.0	0.0
31/12/2023 01:50	4.1	256	16	5.8	0.0
31/12/2023 02:00	3.9	261	16	5.1	0.0
31/12/2023 02:10	3.7	260	14	5.1	0.0
31/12/2023 02:20	3.6	266	14	5.6	0.0
31/12/2023 02:30	3.7	262	14	5.5	0.0
31/12/2023 02:40	3.6	260	16	5.0	0.0
31/12/2023 02:50	3.6	264	15	5.2	0.0
31/12/2023 03:00	3.4	260	14	4.8	0.0
31/12/2023 03:10	3.2	264	16	4.8	0.0
31/12/2023 03:20	3.0	254	15	3.8	0.0
31/12/2023 03:30	2.5	257	16	3.6	0.0
31/12/2023 03:40	2.6	261	17	3.6	0.0
31/12/2023 03:50	3.4	269	17	4.7	0.0
31/12/2023 04:00	2.9	273	17	4.8	0.0
31/12/2023 04:10	3.8	266	17	5.0	0.0
31/12/2023 04:20	3.6	264	16	5.2	0.0
31/12/2023 04:30	3.3	262	14	4.5	0.0
31/12/2023 04:40	2.8	262	15	4.0	0.0
31/12/2023 04:50	3.3	260	14	4.5	0.0
31/12/2023 05:00	2.9	278	17	4.3	0.0
31/12/2023 05:10	3.3	270	17	4.5	0.0
31/12/2023 05:20	3.3	267	15	4.7	0.0
31/12/2023 05:30	3.1	271	17	4.6	0.0
31/12/2023 05:40	3.0	280	17	4.4	0.0
31/12/2023 05:50	3.0	280	19	4.4	0.0
31/12/2023 06:00	3.6	271	16	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 06:10	3.9	266	15	5.3	0.0
31/12/2023 06:20	4.3	264	15	5.7	0.0
31/12/2023 06:30	4.0	261	14	5.8	0.0
31/12/2023 06:40	4.0	263	12	5.7	0.0
31/12/2023 06:50	2.9	265	16	4.0	0.0
31/12/2023 07:00	2.6	265	17	4.2	0.0
31/12/2023 07:10	3.0	260	17	4.1	0.0
31/12/2023 07:20	2.8	261	18	4.2	0.0
31/12/2023 07:30	2.9	263	20	4.2	0.0
31/12/2023 07:40	2.9	269	17	4.4	0.0
31/12/2023 07:50	3.2	262	14	4.4	0.0
31/12/2023 08:00	3.3	259	13	4.6	0.0
31/12/2023 08:10	3.3	262	16	5.0	0.0
31/12/2023 08:20	3.5	265	16	4.7	0.0
31/12/2023 08:30	3.4	268	15	4.6	0.0
31/12/2023 08:40	3.5	268	16	5.0	0.0
31/12/2023 08:50	3.3	266	18	4.6	0.0
31/12/2023 09:00	3.2	270	17	4.5	0.0
31/12/2023 09:10	3.0	264	16	4.2	0.0
31/12/2023 09:20	3.3	267	18	4.4	0.0
31/12/2023 09:30	3.0	270	18	4.5	0.0
31/12/2023 09:40	3.2	262	16	4.7	0.0
31/12/2023 09:50	3.0	266	18	4.0	0.0
31/12/2023 10:00	2.9	274	19	4.0	0.0
31/12/2023 10:10	2.9	267	19	4.3	0.0
31/12/2023 10:20	3.2	272	21	4.7	0.0
31/12/2023 10:30	3.4	273	18	4.7	0.0
31/12/2023 10:40	3.5	271	19	4.9	0.0
31/12/2023 10:50	4.2	270	17	5.7	0.0
31/12/2023 11:00	4.1	265	17	6.1	0.0
31/12/2023 11:10	4.3	259	15	6.1	0.0
31/12/2023 11:20	4.8	260	17	6.5	0.0
31/12/2023 11:30	4.7	262	16	6.5	0.0
31/12/2023 11:40	4.9	250	16	6.4	0.0
31/12/2023 11:50	4.7	257	15	7.1	0.0
31/12/2023 12:00	5.1	256	15	6.8	0.0
31/12/2023 12:10	5.2	257	14	7.0	0.0
31/12/2023 12:20	5.4	254	14	7.8	0.0
31/12/2023 12:30	5.9	255	15	8.3	0.0
31/12/2023 12:40	6.4	256	14	8.2	0.0
31/12/2023 12:50	5.7	249	17	8.4	0.0
31/12/2023 13:00	6.0	252	16	8.3	0.0
31/12/2023 13:10	6.2	246	16	8.7	0.0
31/12/2023 13:20	6.7	249	17	9.0	0.0
31/12/2023 13:30	6.7	248	16	9.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 13:40	6.1	251	15	8.7	0.0
31/12/2023 13:50	6.3	247	17	9.7	0.0
31/12/2023 14:00	6.7	251	15	9.3	0.0
31/12/2023 14:10	5.9	251	17	8.2	0.0
31/12/2023 14:20	6.0	253	18	8.9	0.0
31/12/2023 14:30	6.2	253	16	9.2	0.0
31/12/2023 14:40	6.3	252	16	9.0	0.0
31/12/2023 14:50	6.3	253	15	9.1	0.0
31/12/2023 15:00	6.3	253	15	9.3	0.0
31/12/2023 15:10	5.9	254	18	8.2	0.0
31/12/2023 15:20	6.0	249	16	8.3	0.0
31/12/2023 15:30	6.0	253	19	8.5	0.0
31/12/2023 15:40	6.4	253	14	9.3	0.0
31/12/2023 15:50	6.3	254	14	8.9	0.0
31/12/2023 16:00	6.3	253	16	9.6	0.0
31/12/2023 16:10	6.0	250	18	8.3	0.0
31/12/2023 16:20	6.2	256	16	9.3	0.0
31/12/2023 16:30	6.1	251	17	8.3	0.0
31/12/2023 16:40	6.2	252	17	9.2	0.0
31/12/2023 16:50	6.6	256	13	9.9	0.0
31/12/2023 17:00	6.1	256	18	9.1	0.0
31/12/2023 17:10	5.8	254	18	9.1	0.0
31/12/2023 17:20	6.2	253	19	9.0	0.0
31/12/2023 17:30	6.2	252	17	9.1	0.0
31/12/2023 17:40	5.7	250	18	8.2	0.0
31/12/2023 17:50	5.9	255	16	8.3	0.0
31/12/2023 18:00	5.7	251	16	8.3	0.0
31/12/2023 18:10	5.8	251	17	8.7	0.0
31/12/2023 18:20	5.8	251	17	8.4	0.0
31/12/2023 18:30	5.3	253	17	8.1	0.0
31/12/2023 18:40	5.2	257	17	7.5	0.0
31/12/2023 18:50	4.7	253	16	7.4	0.0
31/12/2023 19:00	5.0	253	17	7.6	0.0
31/12/2023 19:10	5.0	255	13	7.2	0.0
31/12/2023 19:20	4.8	256	15	6.7	0.0
31/12/2023 19:30	4.9	259	17	6.6	0.0
31/12/2023 19:40	4.9	259	18	6.8	0.0
31/12/2023 19:50	5.1	255	17	7.1	0.0
31/12/2023 20:00	5.2	256	17	7.5	0.0
31/12/2023 20:10	5.1	256	14	6.8	0.0
31/12/2023 20:20	4.9	255	15	6.7	0.0
31/12/2023 20:30	4.9	260	13	7.1	0.0
31/12/2023 20:40	4.8	259	14	7.2	0.0
31/12/2023 20:50	4.6	257	14	6.8	0.0
31/12/2023 21:00	4.7	258	17	6.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 21:10	4.9	253	14	6.7	0.0
31/12/2023 21:20	4.4	250	17	5.8	0.0
31/12/2023 21:30	4.4	257	15	6.4	0.0
31/12/2023 21:40	4.3	259	16	6.4	0.0
31/12/2023 21:50	4.1	258	17	6.0	0.0
31/12/2023 22:00	4.1	260	15	6.0	0.0
31/12/2023 22:10	3.9	262	18	5.6	0.0
31/12/2023 22:20	4.1	260	13	5.9	0.0
31/12/2023 22:30	3.7	259	15	5.2	0.0
31/12/2023 22:40	3.6	259	15	5.6	0.0
31/12/2023 22:50	3.7	257	16	4.7	0.0
31/12/2023 23:00	3.7	254	14	5.3	0.0
31/12/2023 23:10	3.8	257	15	5.4	0.0
31/12/2023 23:20	3.8	257	14	5.0	0.0
31/12/2023 23:30	3.6	257	15	5.2	0.0
31/12/2023 23:40	3.8	256	14	5.2	0.0
31/12/2023 23:50	3.7	258	12	4.8	0.0
01/01/2024 00:00	3.5	258	16	4.8	0.0
01/01/2024 00:10	3.6	258	13	4.4	0.0
01/01/2024 00:20	3.7	257	13	4.7	0.0
01/01/2024 00:30	3.4	258	15	4.8	0.0
01/01/2024 00:40	3.7	265	12	4.7	0.0
01/01/2024 00:50	3.9	260	11	4.8	0.0
01/01/2024 01:00	3.4	263	14	4.8	0.0
01/01/2024 01:10	3.6	260	13	5.0	0.0
01/01/2024 01:20	3.5	266	15	4.8	0.0
01/01/2024 01:30	3.2	266	15	4.4	0.0
01/01/2024 01:40	2.7	277	18	4.0	0.0
01/01/2024 01:50	2.8	283	19	4.3	0.0
01/01/2024 02:00	3.2	270	19	4.5	0.0
01/01/2024 02:10	3.1	264	16	4.2	0.0
01/01/2024 02:20	2.7	270	22	3.9	0.0
01/01/2024 02:30	3.0	265	16	4.2	0.0
01/01/2024 02:40	2.9	271	17	4.4	0.0
01/01/2024 02:50	3.0	268	18	4.4	0.0
01/01/2024 03:00	2.9	269	20	4.4	0.0
01/01/2024 03:10	3.6	258	13	5.1	0.0
01/01/2024 03:20	3.8	257	12	5.1	0.0
01/01/2024 03:30	3.8	254	12	5.0	0.0
01/01/2024 03:40	4.0	259	12	5.5	0.0
01/01/2024 03:50	4.0	265	13	5.4	0.0
01/01/2024 04:00	4.0	266	14	5.4	0.0
01/01/2024 04:10	3.7	264	13	5.2	0.0
01/01/2024 04:20	3.4	274	18	4.8	0.0
01/01/2024 04:30	3.0	276	18	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 04:40	3.1	274	16	4.4	0.0
01/01/2024 04:50	3.4	267	16	4.7	0.0
01/01/2024 05:00	3.4	272	19	4.9	0.0
01/01/2024 05:10	3.5	267	15	5.0	0.0
01/01/2024 05:20	3.5	267	18	4.7	0.0
01/01/2024 05:30	3.3	270	16	4.5	0.0
01/01/2024 05:40	3.1	269	15	4.3	0.0
01/01/2024 05:50	3.0	273	16	4.1	0.0
01/01/2024 06:00	3.0	271	19	4.3	0.0
01/01/2024 06:10	3.2	264	15	4.5	0.0
01/01/2024 06:20	2.8	270	20	4.2	0.0
01/01/2024 06:30	2.6	276	18	3.8	0.0
01/01/2024 06:40	2.8	268	17	4.1	0.0
01/01/2024 06:50	3.4	258	16	4.7	0.0
01/01/2024 07:00	3.2	261	14	4.4	0.0
01/01/2024 07:10	3.0	260	14	4.0	0.0
01/01/2024 07:20	3.1	261	13	4.3	0.0
01/01/2024 07:30	3.4	264	15	4.5	0.0
01/01/2024 07:40	3.1	260	16	4.6	0.0
01/01/2024 07:50	2.6	259	20	3.6	0.0
01/01/2024 08:00	3.0	249	17	4.0	0.0
01/01/2024 08:10	2.8	247	18	4.0	0.0
01/01/2024 08:20	2.4	255	24	3.6	0.0
01/01/2024 08:30	2.1	266	24	3.1	0.0
01/01/2024 08:40	2.2	253	29	3.2	0.0
01/01/2024 08:50	2.2	214	25	3.2	0.0
01/01/2024 09:00	2.6	218	23	4.2	0.0
01/01/2024 09:10	1.8	134	34	3.8	0.0
01/01/2024 09:20	1.8	126	27	2.9	0.0
01/01/2024 09:30	1.4	90	36	2.1	0.0
01/01/2024 09:40	1.2	119	50	2.2	0.0
01/01/2024 09:50	1.4	166	39	2.5	0.0
01/01/2024 10:00	2.8	234	26	4.0	0.0
01/01/2024 10:10	2.8	234	19	3.9	0.0
01/01/2024 10:20	2.8	242	20	3.8	0.0
01/01/2024 10:30	2.9	244	20	4.0	0.0
01/01/2024 10:40	2.2	248	29	3.4	0.0
01/01/2024 10:50	1.9	161	72	3.6	0.0
01/01/2024 11:00	3.2	64	20	4.9	0.0
01/01/2024 11:10	3.4	54	21	5.1	0.0
01/01/2024 11:20	2.8	71	23	5.1	0.0
01/01/2024 11:30	3.6	56	21	5.5	0.0
01/01/2024 11:40	2.7	67	20	4.3	0.0
01/01/2024 11:50	3.1	64	21	5.0	0.0
01/01/2024 12:00	2.2	43	40	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 12:10	3.1	159	49	5.8	0.0
01/01/2024 12:20	2.2	166	36	3.8	0.0
01/01/2024 12:30	2.5	202	34	4.4	0.0
01/01/2024 12:40	2.3	18	33	3.7	0.0
01/01/2024 12:50	2.3	14	33	4.0	0.0
01/01/2024 13:00	3.0	7	27	5.0	0.0
01/01/2024 13:10	3.0	6	27	4.4	0.0
01/01/2024 13:20	3.7	180	28	5.8	0.0
01/01/2024 13:30	3.8	328	22	5.9	0.0
01/01/2024 13:40	3.7	336	27	5.6	0.0
01/01/2024 13:50	3.2	343	32	5.2	0.0
01/01/2024 14:00	4.0	320	20	6.2	0.0
01/01/2024 14:10	3.4	326	25	5.2	0.0
01/01/2024 14:20	3.5	328	30	5.6	0.0
01/01/2024 14:30	3.7	177	25	5.8	0.0
01/01/2024 14:40	3.0	346	31	5.4	0.0
01/01/2024 14:50	3.3	6	31	6.0	0.0
01/01/2024 15:00	3.7	337	27	5.6	0.0
01/01/2024 15:10	3.4	332	33	6.8	0.0
01/01/2024 15:20	4.1	321	21	6.4	0.0
01/01/2024 15:30	3.7	332	22	6.0	0.0
01/01/2024 15:40	3.2	323	24	6.1	0.0
01/01/2024 15:50	3.6	337	26	5.2	0.0
01/01/2024 16:00	3.6	331	29	5.8	0.0
01/01/2024 16:10	3.2	337	29	5.2	0.0
01/01/2024 16:20	3.0	311	31	4.8	0.0
01/01/2024 16:30	2.9	328	29	4.5	0.0
01/01/2024 16:40	2.5	310	37	4.1	0.0
01/01/2024 16:50	2.6	314	30	4.2	0.0
01/01/2024 17:00	2.7	325	30	4.4	0.0
01/01/2024 17:10	2.4	296	40	4.1	0.0
01/01/2024 17:20	2.7	272	35	4.7	0.0
01/01/2024 17:30	4.4	255	15	6.8	0.0
01/01/2024 17:40	5.1	255	17	7.6	0.0
01/01/2024 17:50	4.9	258	15	7.5	0.0
01/01/2024 18:00	4.7	256	15	6.4	0.0
01/01/2024 18:10	4.3	262	16	6.0	0.0
01/01/2024 18:20	4.4	260	17	6.9	0.0
01/01/2024 18:30	4.2	260	17	6.1	0.0
01/01/2024 18:40	4.8	250	17	7.1	0.0
01/01/2024 18:50	5.0	247	14	7.2	0.0
01/01/2024 19:00	4.8	251	14	7.2	0.0
01/01/2024 19:10	5.1	253	13	6.9	0.0
01/01/2024 19:20	5.2	251	13	6.8	0.0
01/01/2024 19:30	4.7	250	13	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/01/2024 19:40	4.3	255	16	6.2	0.0
01/01/2024 19:50	4.4	250	14	6.1	0.0
01/01/2024 20:00	4.4	250	16	6.5	0.0
01/01/2024 20:10	4.1	251	16	5.6	0.0
01/01/2024 20:20	4.1	248	16	6.0	0.0
01/01/2024 20:30	4.5	253	13	6.8	0.0
01/01/2024 20:40	4.7	256	17	6.8	0.0
01/01/2024 20:50	5.2	254	17	6.9	0.0
01/01/2024 21:00	5.0	255	16	7.2	0.0
01/01/2024 21:10	5.1	257	16	7.5	0.0
01/01/2024 21:20	5.1	255	15	7.0	0.0
01/01/2024 21:30	5.0	254	13	6.5	0.0
01/01/2024 21:40	4.7	254	16	6.4	0.0
01/01/2024 21:50	4.7	257	16	7.1	0.0
01/01/2024 22:00	4.8	257	16	6.6	0.0
01/01/2024 22:10	5.0	255	14	6.9	0.0
01/01/2024 22:20	4.7	257	14	6.9	0.0
01/01/2024 22:30	4.4	254	17	6.6	0.0
01/01/2024 22:40	4.7	254	18	6.4	0.0
01/01/2024 22:50	4.6	255	19	6.5	0.0
01/01/2024 23:00	4.8	253	15	6.5	0.0
01/01/2024 23:10	5.5	253	14	7.2	0.0
01/01/2024 23:20	4.7	256	15	6.5	0.0
01/01/2024 23:30	4.8	256	15	7.7	0.0
01/01/2024 23:40	4.4	252	15	6.5	0.0
01/01/2024 23:50	4.8	253	15	7.4	0.0
02/01/2024 00:00	5.1	256	14	8.0	0.0
02/01/2024 00:10	4.9	250	16	6.9	0.0
02/01/2024 00:20	4.8	250	16	6.8	0.0
02/01/2024 00:30	5.0	250	17	7.4	0.0
02/01/2024 00:40	4.9	252	16	7.0	0.0
02/01/2024 00:50	4.8	248	16	7.2	0.0
02/01/2024 01:00	4.4	248	14	6.7	0.0
02/01/2024 01:10	4.9	254	14	7.0	0.0
02/01/2024 01:20	4.9	250	16	7.2	0.0
02/01/2024 01:30	4.5	251	17	7.1	0.0
02/01/2024 01:40	4.8	244	17	7.2	0.0
02/01/2024 01:50	4.4	246	17	7.2	0.0
02/01/2024 02:00	4.7	251	16	7.1	0.0
02/01/2024 02:10	4.8	248	15	7.2	0.0
02/01/2024 02:20	4.3	244	18	6.4	0.0
02/01/2024 02:30	4.5	251	15	6.4	0.0
02/01/2024 02:40	3.9	250	18	6.0	0.0
02/01/2024 02:50	4.7	252	16	6.8	0.0
02/01/2024 03:00	4.4	251	16	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 03:10	4.7	255	15	6.4	0.0
02/01/2024 03:20	4.9	256	13	6.8	0.0
02/01/2024 03:30	4.6	253	15	6.5	0.0
02/01/2024 03:40	4.8	256	13	6.4	0.0
02/01/2024 03:50	4.7	254	14	6.4	0.0
02/01/2024 04:00	4.6	256	14	6.4	0.0
02/01/2024 04:10	4.6	255	14	6.4	0.0
02/01/2024 04:20	4.5	254	14	6.0	0.0
02/01/2024 04:30	4.1	255	17	5.8	0.0
02/01/2024 04:40	3.6	251	18	5.3	0.0
02/01/2024 04:50	4.1	251	14	6.5	0.0
02/01/2024 05:00	4.6	253	13	6.8	0.0
02/01/2024 05:10	4.8	254	15	6.5	0.0
02/01/2024 05:20	4.4	254	16	6.0	0.0
02/01/2024 05:30	4.1	253	16	6.1	0.0
02/01/2024 05:40	3.7	248	15	5.6	0.0
02/01/2024 05:50	3.8	248	16	5.7	0.0
02/01/2024 06:00	4.2	247	16	6.0	0.0
02/01/2024 06:10	3.6	251	17	5.5	0.0
02/01/2024 06:20	3.7	252	16	5.3	0.0
02/01/2024 06:30	3.8	248	19	5.7	0.0
02/01/2024 06:40	4.1	244	14	6.0	0.0
02/01/2024 06:50	4.1	242	17	6.0	0.0
02/01/2024 07:00	4.2	242	13	5.9	0.0
02/01/2024 07:10	4.3	244	16	6.0	0.0
02/01/2024 07:20	4.1	251	18	5.9	0.0
02/01/2024 07:30	4.1	248	18	5.9	0.0
02/01/2024 07:40	4.2	253	16	5.4	0.0
02/01/2024 07:50	4.2	257	13	6.1	0.0
02/01/2024 08:00	4.4	251	14	6.0	0.0
02/01/2024 08:10	4.2	254	16	5.9	0.0
02/01/2024 08:20	3.5	255	20	4.7	0.0
02/01/2024 08:30	3.2	259	15	4.8	0.0
02/01/2024 08:40	3.3	259	16	4.5	0.0
02/01/2024 08:50	3.1	255	17	4.7	0.0
02/01/2024 09:00	2.9	258	17	4.3	0.0
02/01/2024 09:10	3.1	261	23	4.5	0.0
02/01/2024 09:20	3.4	258	20	4.8	0.0
02/01/2024 09:30	3.4	257	18	5.2	0.0
02/01/2024 09:40	3.7	256	15	5.2	0.0
02/01/2024 09:50	3.6	260	16	4.9	0.0
02/01/2024 10:00	3.6	258	17	4.8	0.0
02/01/2024 10:10	4.0	250	21	5.6	0.0
02/01/2024 10:20	4.1	247	17	5.6	0.0
02/01/2024 10:30	4.5	243	14	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 10:40	4.6	242	16	6.4	0.0
02/01/2024 10:50	4.6	250	13	6.6	0.0
02/01/2024 11:00	4.0	262	19	5.8	0.0
02/01/2024 11:10	4.4	258	20	6.2	0.0
02/01/2024 11:20	4.5	253	19	6.1	0.0
02/01/2024 11:30	4.8	254	15	6.4	0.0
02/01/2024 11:40	4.7	246	17	6.1	0.0
02/01/2024 11:50	4.5	244	16	6.4	0.0
02/01/2024 12:00	5.0	244	16	6.7	0.0
02/01/2024 12:10	4.6	244	17	6.4	0.0
02/01/2024 12:20	4.5	248	20	6.6	0.0
02/01/2024 12:30	3.9	257	19	6.4	0.0
02/01/2024 12:40	3.5	261	25	6.0	0.0
02/01/2024 12:50	3.9	259	22	6.0	0.0
02/01/2024 13:00	3.0	278	29	4.8	0.0
02/01/2024 13:10	3.1	268	29	4.8	0.0
02/01/2024 13:20	3.4	258	21	5.6	0.0
02/01/2024 13:30	4.2	247	19	6.4	0.0
02/01/2024 13:40	3.1	268	33	5.3	0.0
02/01/2024 13:50	2.9	265	40	5.2	0.0
02/01/2024 14:00	3.4	262	27	5.3	0.0
02/01/2024 14:10	4.2	257	22	6.8	0.0
02/01/2024 14:20	3.4	274	34	5.8	0.0
02/01/2024 14:30	3.3	278	33	5.6	0.0
02/01/2024 14:40	3.2	270	30	5.3	0.0
02/01/2024 14:50	3.5	260	23	5.6	0.0
02/01/2024 15:00	4.4	256	19	6.4	0.0
02/01/2024 15:10	3.9	263	28	6.4	0.0
02/01/2024 15:20	2.9	279	46	5.1	0.0
02/01/2024 15:30	3.0	272	38	5.5	0.0
02/01/2024 15:40	3.1	281	39	5.2	0.0
02/01/2024 15:50	3.2	281	43	5.2	0.0
02/01/2024 16:00	3.3	293	37	6.0	0.0
02/01/2024 16:10	3.4	290	37	5.6	0.0
02/01/2024 16:20	3.2	278	38	5.6	0.0
02/01/2024 16:30	3.0	278	36	6.0	0.0
02/01/2024 16:40	3.2	300	38	6.0	0.0
02/01/2024 16:50	2.9	284	44	4.9	0.0
02/01/2024 17:00	3.1	293	48	5.7	0.0
02/01/2024 17:10	3.6	272	35	6.0	0.0
02/01/2024 17:20	3.1	275	37	5.6	0.0
02/01/2024 17:30	3.2	266	32	5.1	0.0
02/01/2024 17:40	3.3	268	32	5.6	0.0
02/01/2024 17:50	3.0	271	39	5.1	0.0
02/01/2024 18:00	2.8	268	35	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/01/2024 18:10	2.5	281	41	4.4	0.0
02/01/2024 18:20	2.8	267	32	4.9	0.0
02/01/2024 18:30	2.7	278	33	4.8	0.0
02/01/2024 18:40	2.3	286	36	4.1	0.0
02/01/2024 18:50	2.6	270	28	5.1	0.0
02/01/2024 19:00	2.9	259	21	4.5	0.0
02/01/2024 19:10	3.4	258	16	4.4	0.0
02/01/2024 19:20	3.1	264	22	5.0	0.0
02/01/2024 19:30	3.2	250	17	4.8	0.0
02/01/2024 19:40	3.6	248	16	5.6	0.0
02/01/2024 19:50	3.6	256	16	6.1	0.0
02/01/2024 20:00	3.5	254	18	5.3	0.0
02/01/2024 20:10	4.3	255	17	6.4	0.0
02/01/2024 20:20	4.1	254	17	5.9	0.0
02/01/2024 20:30	3.4	254	17	5.2	0.0
02/01/2024 20:40	3.7	248	18	5.2	0.0
02/01/2024 20:50	3.1	260	19	4.8	0.0
02/01/2024 21:00	2.8	264	31	4.8	0.0
02/01/2024 21:10	2.8	271	36	4.0	0.0
02/01/2024 21:20	2.9	270	32	4.6	0.0
02/01/2024 21:30	3.1	264	33	4.9	0.0
02/01/2024 21:40	2.8	258	28	4.8	0.0
02/01/2024 21:50	2.6	269	34	4.0	0.0
02/01/2024 22:00	2.6	279	32	4.4	0.0
02/01/2024 22:10	2.7	274	41	5.2	0.0
02/01/2024 22:20	3.1	268	26	5.0	0.0
02/01/2024 22:30	2.7	273	34	5.3	0.0
02/01/2024 22:40	2.7	284	31	4.8	0.0
02/01/2024 22:50	2.7	286	32	5.0	0.0
02/01/2024 23:00	2.8	273	26	4.5	0.0
02/01/2024 23:10	3.4	266	22	5.1	0.0
02/01/2024 23:20	3.8	260	19	5.7	0.0
02/01/2024 23:30	4.0	263	20	6.0	0.0
02/01/2024 23:40	4.6	259	17	7.0	0.0
02/01/2024 23:50	5.7	258	15	7.9	0.0
03/01/2024 00:00	5.4	255	14	8.0	0.0
03/01/2024 00:10	5.9	256	13	8.5	0.0
03/01/2024 00:20	5.0	258	12	7.0	0.0
03/01/2024 00:30	4.7	254	12	6.2	0.0
03/01/2024 00:40	4.5	255	13	6.3	0.0
03/01/2024 00:50	3.9	258	16	5.4	0.0
03/01/2024 01:00	4.0	258	15	6.1	0.0
03/01/2024 01:10	3.6	257	17	5.7	0.0
03/01/2024 01:20	3.3	258	22	4.8	0.0
03/01/2024 01:30	3.8	259	15	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 01:40	3.1	263	22	4.8	0.0
03/01/2024 01:50	2.6	260	24	4.4	0.0
03/01/2024 02:00	2.6	261	24	4.0	0.0
03/01/2024 02:10	2.7	260	20	4.3	0.0
03/01/2024 02:20	2.8	257	23	4.4	0.0
03/01/2024 02:30	2.9	259	19	4.5	0.0
03/01/2024 02:40	2.9	258	21	4.3	0.0
03/01/2024 02:50	2.6	263	21	3.8	0.0
03/01/2024 03:00	2.7	261	22	4.1	0.0
03/01/2024 03:10	3.0	259	20	4.2	0.0
03/01/2024 03:20	2.6	263	21	4.0	0.0
03/01/2024 03:30	3.1	261	19	5.0	0.0
03/01/2024 03:40	3.7	255	16	5.6	0.0
03/01/2024 03:50	4.9	251	13	7.0	0.0
03/01/2024 04:00	4.3	256	17	6.2	0.0
03/01/2024 04:10	3.7	258	15	5.4	0.0
03/01/2024 04:20	3.8	258	13	5.9	0.0
03/01/2024 04:30	3.5	259	17	5.2	0.0
03/01/2024 04:40	3.2	258	16	4.8	0.0
03/01/2024 04:50	2.6	267	22	4.8	0.0
03/01/2024 05:00	2.4	270	24	4.0	0.0
03/01/2024 05:10	3.6	260	23	5.4	0.0
03/01/2024 05:20	3.1	266	20	4.9	0.0
03/01/2024 05:30	3.2	261	15	4.4	0.0
03/01/2024 05:40	3.7	255	13	5.1	0.0
03/01/2024 05:50	4.1	261	17	6.0	0.0
03/01/2024 06:00	2.8	267	19	4.8	0.0
03/01/2024 06:10	3.2	265	23	4.7	0.0
03/01/2024 06:20	4.2	261	13	5.7	0.0
03/01/2024 06:30	4.2	261	16	5.7	0.0
03/01/2024 06:40	4.5	256	14	6.4	0.0
03/01/2024 06:50	4.4	254	15	6.4	0.0
03/01/2024 07:00	4.4	256	14	6.8	0.0
03/01/2024 07:10	4.6	251	16	6.7	0.0
03/01/2024 07:20	4.5	252	16	6.4	0.0
03/01/2024 07:30	4.3	254	19	6.8	0.0
03/01/2024 07:40	4.2	258	16	6.3	0.0
03/01/2024 07:50	4.6	256	18	6.9	0.0
03/01/2024 08:00	5.4	254	14	7.9	0.0
03/01/2024 08:10	5.0	260	16	6.8	0.0
03/01/2024 08:20	4.9	257	15	7.0	0.0
03/01/2024 08:30	5.6	251	14	8.6	0.0
03/01/2024 08:40	5.3	255	16	7.6	0.0
03/01/2024 08:50	5.4	259	16	7.7	0.0
03/01/2024 09:00	5.2	252	16	7.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 09:10	5.3	258	15	8.7	0.0
03/01/2024 09:20	5.2	252	14	7.6	0.0
03/01/2024 09:30	5.5	257	16	7.9	0.0
03/01/2024 09:40	5.2	257	17	7.8	0.0
03/01/2024 09:50	5.4	253	17	7.5	0.0
03/01/2024 10:00	5.8	253	17	8.3	0.0
03/01/2024 10:10	5.5	254	17	8.7	0.0
03/01/2024 10:20	5.7	250	19	8.0	0.0
03/01/2024 10:30	5.8	256	18	8.4	0.0
03/01/2024 10:40	5.8	249	18	8.8	0.0
03/01/2024 10:50	5.4	252	18	7.5	0.0
03/01/2024 11:00	5.4	251	16	7.4	0.0
03/01/2024 11:10	5.1	260	18	7.8	0.0
03/01/2024 11:20	5.6	260	16	7.7	0.0
03/01/2024 11:30	5.3	255	16	8.1	0.0
03/01/2024 11:40	5.6	247	15	8.0	0.0
03/01/2024 11:50	5.5	256	18	8.1	0.0
03/01/2024 12:00	5.6	255	16	8.1	0.0
03/01/2024 12:10	5.4	259	15	7.6	0.0
03/01/2024 12:20	5.2	255	19	7.4	0.0
03/01/2024 12:30	5.4	256	16	8.4	0.0
03/01/2024 12:40	5.2	255	16	7.5	0.0
03/01/2024 12:50	5.4	246	16	7.9	0.0
03/01/2024 13:00	4.7	248	19	7.2	0.0
03/01/2024 13:10	4.3	245	17	5.7	0.0
03/01/2024 13:20	4.6	242	16	6.5	0.0
03/01/2024 13:30	3.9	254	22	6.0	0.0
03/01/2024 13:40	3.1	273	36	5.5	0.0
03/01/2024 13:50	3.5	268	41	6.1	0.0
03/01/2024 14:00	3.4	272	36	6.0	0.0
03/01/2024 14:10	3.7	263	28	5.5	0.0
03/01/2024 14:20	3.3	268	31	6.0	0.0
03/01/2024 14:30	3.2	294	41	6.1	0.0
03/01/2024 14:40	3.4	302	43	6.3	0.0
03/01/2024 14:50	4.0	305	38	7.0	0.0
03/01/2024 15:00	3.6	299	42	5.9	0.0
03/01/2024 15:10	3.7	283	36	5.9	0.0
03/01/2024 15:20	4.0	260	27	6.3	0.0
03/01/2024 15:30	3.6	283	42	6.4	0.0
03/01/2024 15:40	3.5	292	41	6.0	0.0
03/01/2024 15:50	3.6	287	38	6.0	0.0
03/01/2024 16:00	3.6	272	38	5.6	0.0
03/01/2024 16:10	3.8	273	33	6.3	0.0
03/01/2024 16:20	3.4	267	30	5.6	0.0
03/01/2024 16:30	3.3	278	38	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/01/2024 16:40	3.5	279	31	6.2	0.0
03/01/2024 16:50	3.3	301	39	6.1	0.0
03/01/2024 17:00	3.5	286	37	5.5	0.0
03/01/2024 17:10	3.3	289	39	5.5	0.0
03/01/2024 17:20	3.1	284	41	5.6	0.0
03/01/2024 17:30	3.4	279	33	5.8	0.0
03/01/2024 17:40	3.3	280	37	5.3	0.0
03/01/2024 17:50	3.0	303	40	5.7	0.0
03/01/2024 18:00	3.6	266	30	5.5	0.0
03/01/2024 18:10	3.5	259	24	5.3	0.0
03/01/2024 18:20	4.5	254	15	6.4	0.0
03/01/2024 18:30	4.5	253	15	6.8	0.0
03/01/2024 18:40	4.7	256	17	6.4	0.0
03/01/2024 18:50	4.4	255	16	6.3	0.0
03/01/2024 19:00	4.0	254	15	6.2	0.0
03/01/2024 19:10	3.3	261	20	4.9	0.0
03/01/2024 19:20	3.3	254	24	5.2	0.0
03/01/2024 19:30	3.4	258	20	5.4	0.0
03/01/2024 19:40	4.5	250	16	7.0	0.0
03/01/2024 19:50	4.4	259	19	6.6	0.0
03/01/2024 20:00	4.2	253	16	6.6	0.0
03/01/2024 20:10	4.5	248	16	6.8	0.0
03/01/2024 20:20	4.6	251	17	6.5	0.0
03/01/2024 20:30	5.3	256	17	7.7	0.0
03/01/2024 20:40	5.3	254	16	7.8	0.0
03/01/2024 20:50	4.9	257	17	7.0	0.0
03/01/2024 21:00	4.7	260	18	7.0	0.0
03/01/2024 21:10	4.8	252	14	7.0	0.0
03/01/2024 21:20	4.1	252	18	6.3	0.0
03/01/2024 21:30	4.0	250	18	5.8	0.0
03/01/2024 21:40	4.1	251	16	6.2	0.0
03/01/2024 21:50	4.6	253	18	6.8	0.0
03/01/2024 22:00	5.0	251	16	6.9	0.0
03/01/2024 22:10	5.3	252	17	7.8	0.0
03/01/2024 22:20	4.7	248	16	7.1	0.0
03/01/2024 22:30	5.2	246	15	7.7	0.0
03/01/2024 22:40	5.0	247	17	7.2	0.0
03/01/2024 22:50	5.1	252	17	7.5	0.0
03/01/2024 23:00	5.4	255	15	7.3	0.0
03/01/2024 23:10	5.1	256	15	8.1	0.0
03/01/2024 23:20	4.6	247	16	6.7	0.0
03/01/2024 23:30	4.8	251	15	7.2	0.0
03/01/2024 23:40	3.9	253	17	5.6	0.0
03/01/2024 23:50	4.5	254	16	6.1	0.0
04/01/2024 00:00	4.4	253	17	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 00:10	4.8	253	15	6.5	0.0
04/01/2024 00:20	4.3	256	16	6.4	0.0
04/01/2024 00:30	4.6	254	17	6.4	0.0
04/01/2024 00:40	4.2	252	18	6.6	0.0
04/01/2024 00:50	4.9	253	15	7.5	0.0
04/01/2024 01:00	4.7	251	16	6.4	0.0
04/01/2024 01:10	4.7	254	16	6.8	0.0
04/01/2024 01:20	4.4	259	18	6.4	0.0
04/01/2024 01:30	4.6	252	17	6.7	0.0
04/01/2024 01:40	4.8	251	14	7.0	0.0
04/01/2024 01:50	4.7	258	17	7.5	0.0
04/01/2024 02:00	4.8	256	17	7.0	0.0
04/01/2024 02:10	4.2	253	18	6.3	0.0
04/01/2024 02:20	4.7	254	18	7.2	0.0
04/01/2024 02:30	4.4	252	17	6.9	0.0
04/01/2024 02:40	4.2	253	19	6.6	0.0
04/01/2024 02:50	4.7	252	15	6.4	0.0
04/01/2024 03:00	3.6	247	17	6.0	0.0
04/01/2024 03:10	4.1	249	17	6.2	0.0
04/01/2024 03:20	4.1	238	19	6.4	0.0
04/01/2024 03:30	3.3	251	20	5.2	0.0
04/01/2024 03:40	3.7	245	19	5.6	0.0
04/01/2024 03:50	3.2	247	19	5.2	0.0
04/01/2024 04:00	3.4	248	19	5.2	0.0
04/01/2024 04:10	3.8	246	17	5.6	0.0
04/01/2024 04:20	3.9	236	16	5.7	0.0
04/01/2024 04:30	3.4	245	21	5.4	0.0
04/01/2024 04:40	2.8	251	17	4.6	0.0
04/01/2024 04:50	3.2	255	20	5.1	0.0
04/01/2024 05:00	3.1	254	21	5.0	0.0
04/01/2024 05:10	3.1	253	17	4.7	0.0
04/01/2024 05:20	3.6	255	21	5.2	0.0
04/01/2024 05:30	3.3	254	17	5.1	0.0
04/01/2024 05:40	2.8	259	24	4.9	0.0
04/01/2024 05:50	2.9	259	20	4.4	0.0
04/01/2024 06:00	2.8	261	21	4.1	0.0
04/01/2024 06:10	3.1	261	23	5.0	0.0
04/01/2024 06:20	2.5	262	21	3.9	0.0
04/01/2024 06:30	2.8	261	19	4.7	0.0
04/01/2024 06:40	2.6	259	24	4.2	0.0
04/01/2024 06:50	3.0	258	18	4.4	0.0
04/01/2024 07:00	2.8	258	17	4.4	0.0
04/01/2024 07:10	3.0	256	17	4.8	0.0
04/01/2024 07:20	3.2	255	21	5.2	0.0
04/01/2024 07:30	3.6	244	18	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 07:40	3.5	252	16	4.8	0.0
04/01/2024 07:50	3.7	242	22	5.5	0.0
04/01/2024 08:00	3.9	245	18	5.6	0.0
04/01/2024 08:10	4.0	249	19	5.8	0.0
04/01/2024 08:20	3.6	242	19	5.1	0.0
04/01/2024 08:30	3.3	245	20	5.6	0.0
04/01/2024 08:40	3.5	248	20	5.7	0.0
04/01/2024 08:50	3.8	245	17	5.8	0.0
04/01/2024 09:00	3.8	253	16	6.0	0.0
04/01/2024 09:10	3.5	255	16	5.8	0.0
04/01/2024 09:20	3.7	245	17	6.4	0.0
04/01/2024 09:30	3.7	246	21	5.5	0.0
04/01/2024 09:40	3.6	249	25	5.2	0.0
04/01/2024 09:50	3.5	244	24	5.2	0.0
04/01/2024 10:00	3.6	247	19	5.2	0.0
04/01/2024 10:10	3.3	262	27	6.8	0.0
04/01/2024 10:20	3.5	249	20	5.6	0.0
04/01/2024 10:30	3.5	249	21	5.6	0.0
04/01/2024 10:40	3.6	255	24	5.4	0.0
04/01/2024 10:50	3.3	256	21	5.4	0.0
04/01/2024 11:00	3.5	248	20	5.1	0.0
04/01/2024 11:10	3.6	254	21	5.6	0.0
04/01/2024 11:20	3.6	241	20	6.0	0.0
04/01/2024 11:30	3.9	247	19	6.2	0.0
04/01/2024 11:40	4.0	241	20	5.6	0.0
04/01/2024 11:50	3.7	244	21	5.4	0.0
04/01/2024 12:00	3.6	251	20	5.6	0.0
04/01/2024 12:10	3.1	253	26	4.8	0.0
04/01/2024 12:20	3.2	284	40	5.3	0.0
04/01/2024 12:30	2.7	279	36	4.8	0.0
04/01/2024 12:40	3.0	310	40	5.6	0.0
04/01/2024 12:50	2.8	288	47	5.9	0.0
04/01/2024 13:00	3.3	269	36	5.7	0.0
04/01/2024 13:10	3.5	264	31	5.3	0.0
04/01/2024 13:20	3.5	310	33	5.4	0.0
04/01/2024 13:30	3.0	297	48	6.0	0.0
04/01/2024 13:40	3.5	317	38	6.4	0.0
04/01/2024 13:50	3.6	322	28	5.6	0.0
04/01/2024 14:00	3.4	322	31	5.9	0.0
04/01/2024 14:10	3.0	302	41	5.5	0.0
04/01/2024 14:20	3.5	323	32	6.0	0.0
04/01/2024 14:30	3.7	324	34	5.8	0.0
04/01/2024 14:40	2.9	282	43	5.2	0.0
04/01/2024 14:50	3.3	321	27	6.0	0.0
04/01/2024 15:00	3.8	316	37	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 15:10	3.3	303	42	5.8	0.0
04/01/2024 15:20	3.2	288	41	6.0	0.0
04/01/2024 15:30	3.3	310	36	6.0	0.0
04/01/2024 15:40	3.6	291	38	5.6	0.0
04/01/2024 15:50	3.4	308	38	5.6	0.0
04/01/2024 16:00	3.4	302	35	5.0	0.0
04/01/2024 16:10	3.5	317	26	6.4	0.0
04/01/2024 16:20	3.1	289	38	5.4	0.0
04/01/2024 16:30	3.1	293	38	5.0	0.0
04/01/2024 16:40	3.2	309	31	5.2	0.0
04/01/2024 16:50	3.1	280	38	5.2	0.0
04/01/2024 17:00	3.4	305	36	5.7	0.0
04/01/2024 17:10	3.4	305	36	5.4	0.0
04/01/2024 17:20	3.3	295	39	6.1	0.0
04/01/2024 17:30	3.1	292	40	6.0	0.0
04/01/2024 17:40	3.2	316	31	5.2	0.0
04/01/2024 17:50	3.3	301	39	5.6	0.0
04/01/2024 18:00	3.3	313	34	6.0	0.0
04/01/2024 18:10	2.9	323	28	4.8	0.0
04/01/2024 18:20	2.6	308	43	4.4	0.0
04/01/2024 18:30	2.9	291	42	4.8	0.0
04/01/2024 18:40	2.3	300	44	4.5	0.0
04/01/2024 18:50	2.5	310	34	5.3	0.0
04/01/2024 19:00	2.2	303	42	4.0	0.0
04/01/2024 19:10	2.2	287	41	3.8	0.0
04/01/2024 19:20	2.2	304	39	3.6	0.0
04/01/2024 19:30	2.0	280	46	3.5	0.0
04/01/2024 19:40	2.1	287	43	4.0	0.0
04/01/2024 19:50	2.6	258	28	4.7	0.0
04/01/2024 20:00	2.2	265	31	3.6	0.0
04/01/2024 20:10	2.3	271	37	4.0	0.0
04/01/2024 20:20	2.2	278	38	3.8	0.0
04/01/2024 20:30	2.6	268	31	4.0	0.0
04/01/2024 20:40	2.7	255	27	4.4	0.0
04/01/2024 20:50	2.4	275	38	4.1	0.0
04/01/2024 21:00	2.1	286	41	4.2	0.0
04/01/2024 21:10	2.8	264	25	4.4	0.0
04/01/2024 21:20	2.6	258	25	3.9	0.0
04/01/2024 21:30	2.9	255	19	4.4	0.0
04/01/2024 21:40	2.7	251	19	4.0	0.0
04/01/2024 21:50	3.0	259	19	5.2	0.0
04/01/2024 22:00	2.9	258	21	4.8	0.0
04/01/2024 22:10	2.8	262	22	4.4	0.0
04/01/2024 22:20	2.6	267	26	4.4	0.0
04/01/2024 22:30	3.5	250	18	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/01/2024 22:40	2.9	258	23	4.8	0.0
04/01/2024 22:50	3.1	257	20	5.0	0.0
04/01/2024 23:00	2.8	261	22	4.3	0.0
04/01/2024 23:10	3.3	257	17	5.0	0.0
04/01/2024 23:20	4.1	253	17	6.1	0.0
04/01/2024 23:30	3.7	255	15	5.7	0.0
04/01/2024 23:40	4.2	249	14	6.4	0.0
04/01/2024 23:50	3.9	252	16	5.8	0.0
05/01/2024 00:00	3.4	254	15	5.2	0.0
05/01/2024 00:10	3.7	252	17	6.2	0.0
05/01/2024 00:20	4.4	251	14	6.2	0.0
05/01/2024 00:30	4.7	249	13	6.9	0.0
05/01/2024 00:40	4.6	250	14	6.4	0.0
05/01/2024 00:50	4.8	251	15	6.5	0.0
05/01/2024 01:00	4.4	250	17	6.1	0.0
05/01/2024 01:10	4.1	252	15	5.9	0.0
05/01/2024 01:20	3.8	255	14	5.6	0.0
05/01/2024 01:30	3.7	257	20	5.2	0.0
05/01/2024 01:40	3.2	253	18	4.8	0.0
05/01/2024 01:50	3.8	252	18	5.8	0.0
05/01/2024 02:00	4.1	250	16	6.1	0.0
05/01/2024 02:10	3.8	251	16	5.6	0.0
05/01/2024 02:20	3.9	252	16	5.6	0.0
05/01/2024 02:30	4.1	249	14	6.5	0.0
05/01/2024 02:40	4.0	252	14	6.5	0.0
05/01/2024 02:50	3.4	256	20	5.6	0.0
05/01/2024 03:00	3.9	251	16	5.4	0.0
05/01/2024 03:10	4.0	252	14	5.9	0.0
05/01/2024 03:20	4.0	251	17	6.2	0.0
05/01/2024 03:30	3.8	250	15	5.2	0.0
05/01/2024 03:40	3.3	251	18	4.8	0.0
05/01/2024 03:50	3.3	252	20	5.1	0.0
05/01/2024 04:00	3.4	257	17	5.3	0.0
05/01/2024 04:10	3.3	259	19	5.2	0.0
05/01/2024 04:20	3.1	256	17	4.8	0.0
05/01/2024 04:30	3.1	257	19	4.5	0.0
05/01/2024 04:40	3.1	260	18	4.9	0.0
05/01/2024 04:50	3.4	260	17	5.4	0.0
05/01/2024 05:00	2.5	261	19	4.1	0.0
05/01/2024 05:10	3.0	258	19	4.3	0.0
05/01/2024 05:20	2.9	257	19	4.4	0.0
05/01/2024 05:30	2.6	259	23	4.2	0.0
05/01/2024 05:40	2.8	255	19	4.3	0.0
05/01/2024 05:50	3.1	253	17	4.8	0.0
05/01/2024 06:00	3.1	261	18	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 06:10	2.9	259	19	4.8	0.0
05/01/2024 06:20	2.7	252	20	4.3	0.0
05/01/2024 06:30	2.9	257	16	4.2	0.0
05/01/2024 06:40	3.0	255	17	4.2	0.0
05/01/2024 06:50	3.1	255	18	5.4	0.0
05/01/2024 07:00	3.3	255	16	4.7	0.0
05/01/2024 07:10	3.5	251	19	5.4	0.0
05/01/2024 07:20	3.8	248	18	5.1	0.0
05/01/2024 07:30	3.6	245	20	5.4	0.0
05/01/2024 07:40	3.6	257	21	5.8	0.0
05/01/2024 07:50	3.6	251	21	5.9	0.0
05/01/2024 08:00	3.7	256	22	5.7	0.0
05/01/2024 08:10	4.0	248	18	6.1	0.0
05/01/2024 08:20	3.7	250	21	5.6	0.0
05/01/2024 08:30	4.3	247	19	6.0	0.0
05/01/2024 08:40	4.3	243	18	6.9	0.0
05/01/2024 08:50	4.1	250	20	6.0	0.0
05/01/2024 09:00	4.3	244	19	6.6	0.0
05/01/2024 09:10	4.4	245	16	6.6	0.0
05/01/2024 09:20	4.5	240	18	6.5	0.0
05/01/2024 09:30	4.8	238	16	6.5	0.0
05/01/2024 09:40	4.7	238	19	6.2	0.0
05/01/2024 09:50	5.0	235	18	6.5	0.0
05/01/2024 10:00	4.8	237	21	7.0	0.0
05/01/2024 10:10	4.9	245	16	6.8	0.0
05/01/2024 10:20	5.1	245	18	6.9	0.0
05/01/2024 10:30	5.0	242	20	6.8	0.0
05/01/2024 10:40	4.6	248	19	6.8	0.0
05/01/2024 10:50	5.3	246	17	7.6	0.0
05/01/2024 11:00	5.3	239	16	7.0	0.0
05/01/2024 11:10	5.1	240	20	7.4	0.0
05/01/2024 11:20	5.3	245	18	7.3	0.0
05/01/2024 11:30	5.4	248	17	7.8	0.0
05/01/2024 11:40	4.8	251	20	7.2	0.0
05/01/2024 11:50	5.2	244	16	7.2	0.0
05/01/2024 12:00	5.3	248	17	7.9	0.0
05/01/2024 12:10	5.3	251	18	7.3	0.0
05/01/2024 12:20	5.0	247	19	7.3	0.0
05/01/2024 12:30	5.0	245	17	7.6	0.0
05/01/2024 12:40	5.5	247	15	7.7	0.0
05/01/2024 12:50	5.5	240	16	8.1	0.0
05/01/2024 13:00	5.4	244	18	7.6	0.0
05/01/2024 13:10	5.1	251	17	7.8	0.0
05/01/2024 13:20	5.2	246	18	7.3	0.0
05/01/2024 13:30	5.6	242	16	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 13:40	5.5	248	18	7.2	0.0
05/01/2024 13:50	5.3	246	16	7.4	0.0
05/01/2024 14:00	5.6	239	16	7.9	0.0
05/01/2024 14:10	5.1	247	17	7.7	0.0
05/01/2024 14:20	5.1	251	16	7.0	0.0
05/01/2024 14:30	5.3	250	17	7.6	0.0
05/01/2024 14:40	5.3	249	18	7.5	0.0
05/01/2024 14:50	5.6	251	18	7.7	0.0
05/01/2024 15:00	5.4	241	18	7.1	0.0
05/01/2024 15:10	5.0	245	18	7.6	0.0
05/01/2024 15:20	5.7	241	15	7.7	0.0
05/01/2024 15:30	5.4	241	18	7.6	0.0
05/01/2024 15:40	5.8	241	15	7.7	0.0
05/01/2024 15:50	5.5	246	15	8.0	0.0
05/01/2024 16:00	5.8	247	16	8.5	0.0
05/01/2024 16:10	5.9	247	18	8.1	0.0
05/01/2024 16:20	6.2	248	15	9.0	0.0
05/01/2024 16:30	6.3	248	16	8.5	0.0
05/01/2024 16:40	5.7	256	18	8.2	0.0
05/01/2024 16:50	5.4	261	17	7.7	0.0
05/01/2024 17:00	5.3	254	17	7.8	0.0
05/01/2024 17:10	5.3	249	20	7.4	0.0
05/01/2024 17:20	4.5	253	21	7.3	0.0
05/01/2024 17:30	4.8	251	15	7.1	0.0
05/01/2024 17:40	4.9	248	18	7.7	0.0
05/01/2024 17:50	4.5	253	17	7.3	0.0
05/01/2024 18:00	4.5	252	16	7.0	0.0
05/01/2024 18:10	4.6	247	15	6.8	0.0
05/01/2024 18:20	3.8	252	18	5.5	0.0
05/01/2024 18:30	4.1	249	16	6.1	0.0
05/01/2024 18:40	3.7	253	21	6.0	0.0
05/01/2024 18:50	3.6	257	21	5.6	0.0
05/01/2024 19:00	4.1	253	18	6.0	0.0
05/01/2024 19:10	4.1	252	18	6.3	0.0
05/01/2024 19:20	4.2	252	16	6.3	0.0
05/01/2024 19:30	4.5	256	16	6.4	0.0
05/01/2024 19:40	4.0	251	17	6.5	0.0
05/01/2024 19:50	3.7	251	18	5.7	0.0
05/01/2024 20:00	3.7	258	17	5.6	0.0
05/01/2024 20:10	4.1	259	19	6.0	0.0
05/01/2024 20:20	4.0	261	17	5.5	0.0
05/01/2024 20:30	3.9	258	18	5.6	0.0
05/01/2024 20:40	4.5	254	17	6.4	0.0
05/01/2024 20:50	4.0	257	18	6.0	0.0
05/01/2024 21:00	3.8	256	17	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/01/2024 21:10	3.6	256	19	5.2	0.0
05/01/2024 21:20	4.1	254	18	6.5	0.0
05/01/2024 21:30	4.3	248	18	6.7	0.0
05/01/2024 21:40	4.3	251	15	7.1	0.0
05/01/2024 21:50	4.8	251	15	6.8	0.0
05/01/2024 22:00	3.8	248	18	5.7	0.0
05/01/2024 22:10	4.7	245	17	7.5	0.0
05/01/2024 22:20	4.8	243	17	7.1	0.0
05/01/2024 22:30	4.9	253	16	7.0	0.0
05/01/2024 22:40	4.7	252	18	6.8	0.0
05/01/2024 22:50	4.7	248	18	6.8	0.0
05/01/2024 23:00	3.9	244	24	6.8	0.0
05/01/2024 23:10	3.8	238	20	5.9	0.0
05/01/2024 23:20	4.3	241	19	6.4	0.0
05/01/2024 23:30	4.4	238	20	6.5	0.0
05/01/2024 23:40	4.3	236	20	6.6	0.0
05/01/2024 23:50	4.5	237	17	7.0	0.0
06/01/2024 00:00	3.9	238	19	6.1	0.0
06/01/2024 00:10	3.8	242	21	5.6	0.0
06/01/2024 00:20	4.0	234	14	6.1	0.0
06/01/2024 00:30	4.0	238	17	6.0	0.0
06/01/2024 00:40	4.0	236	18	6.2	0.0
06/01/2024 00:50	3.7	234	17	5.7	0.0
06/01/2024 01:00	3.9	236	17	5.5	0.0
06/01/2024 01:10	4.1	235	16	5.8	0.0
06/01/2024 01:20	4.1	238	18	6.1	0.0
06/01/2024 01:30	4.8	235	16	6.9	0.0
06/01/2024 01:40	4.5	237	16	7.1	0.0
06/01/2024 01:50	4.3	239	19	6.1	0.0
06/01/2024 02:00	4.1	236	17	6.0	0.0
06/01/2024 02:10	4.5	239	16	7.2	0.0
06/01/2024 02:20	4.8	237	15	7.2	0.0
06/01/2024 02:30	4.5	234	16	6.8	0.0
06/01/2024 02:40	4.8	235	15	7.0	0.0
06/01/2024 02:50	4.3	233	18	6.7	0.0
06/01/2024 03:00	4.2	237	19	6.1	0.0
06/01/2024 03:10	3.7	238	19	5.7	0.0
06/01/2024 03:20	4.1	235	17	6.4	0.0
06/01/2024 03:30	3.7	239	20	5.5	0.0
06/01/2024 03:40	3.7	238	19	5.2	0.0
06/01/2024 03:50	4.2	241	17	6.1	0.0
06/01/2024 04:00	3.8	236	17	5.8	0.0
06/01/2024 04:10	3.6	244	16	5.3	0.0
06/01/2024 04:20	3.5	235	18	5.5	0.0
06/01/2024 04:30	3.8	239	16	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 04:40	3.9	236	15	5.9	0.0
06/01/2024 04:50	4.4	236	13	6.1	0.0
06/01/2024 05:00	4.0	238	17	6.0	0.0
06/01/2024 05:10	4.2	237	15	6.0	0.0
06/01/2024 05:20	3.8	237	15	5.2	0.0
06/01/2024 05:30	3.5	230	17	5.5	0.0
06/01/2024 05:40	3.4	242	16	5.0	0.0
06/01/2024 05:50	2.8	252	19	4.0	0.0
06/01/2024 06:00	2.8	258	15	4.0	0.0
06/01/2024 06:10	3.0	249	16	4.1	0.0
06/01/2024 06:20	3.0	250	18	5.0	0.0
06/01/2024 06:30	3.4	244	18	4.8	0.0
06/01/2024 06:40	3.7	252	15	5.3	0.0
06/01/2024 06:50	3.7	250	17	5.2	0.0
06/01/2024 07:00	4.1	250	15	6.0	0.0
06/01/2024 07:10	3.8	242	20	5.2	0.0
06/01/2024 07:20	3.7	255	15	4.8	0.0
06/01/2024 07:30	3.7	253	20	5.4	0.0
06/01/2024 07:40	4.2	253	17	5.4	0.0
06/01/2024 07:50	3.9	243	17	5.3	0.0
06/01/2024 08:00	4.1	248	17	6.2	0.0
06/01/2024 08:10	4.2	252	16	5.6	0.0
06/01/2024 08:20	4.3	251	13	6.0	0.0
06/01/2024 08:30	4.2	248	17	6.4	0.0
06/01/2024 08:40	4.3	252	17	6.2	0.0
06/01/2024 08:50	4.1	251	20	6.4	0.0
06/01/2024 09:00	4.2	254	18	6.9	0.0
06/01/2024 09:10	4.3	250	19	6.0	0.0
06/01/2024 09:20	4.5	248	18	7.2	0.0
06/01/2024 09:30	4.5	249	18	6.2	0.0
06/01/2024 09:40	4.1	253	19	5.9	0.0
06/01/2024 09:50	3.4	262	28	6.0	0.0
06/01/2024 10:00	4.4	252	14	6.1	0.0
06/01/2024 10:10	4.4	250	13	6.3	0.0
06/01/2024 10:20	3.3	262	28	5.6	0.0
06/01/2024 10:30	3.5	265	27	5.2	0.0
06/01/2024 10:40	3.1	263	26	5.6	0.0
06/01/2024 10:50	3.3	278	35	5.4	0.0
06/01/2024 11:00	3.7	303	42	6.2	0.0
06/01/2024 11:10	3.0	300	47	5.5	0.0
06/01/2024 11:20	3.5	276	39	5.6	0.0
06/01/2024 11:30	3.4	302	41	5.9	0.0
06/01/2024 11:40	3.2	315	37	5.7	0.0
06/01/2024 11:50	3.8	290	39	5.9	0.0
06/01/2024 12:00	4.0	262	34	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 12:10	4.0	281	39	6.4	0.0
06/01/2024 12:20	3.7	302	39	7.1	0.0
06/01/2024 12:30	3.9	300	42	6.4	0.0
06/01/2024 12:40	3.6	271	38	6.4	0.0
06/01/2024 12:50	3.8	294	34	6.2	0.0
06/01/2024 13:00	4.1	270	27	6.3	0.0
06/01/2024 13:10	4.6	258	20	6.8	0.0
06/01/2024 13:20	5.0	257	17	7.3	0.0
06/01/2024 13:30	5.1	252	15	7.4	0.0
06/01/2024 13:40	4.2	260	20	6.3	0.0
06/01/2024 13:50	4.0	261	24	6.2	0.0
06/01/2024 14:00	5.1	253	15	7.2	0.0
06/01/2024 14:10	4.0	254	16	6.2	0.0
06/01/2024 14:20	3.9	263	22	5.7	0.0
06/01/2024 14:30	4.8	257	16	7.0	0.0
06/01/2024 14:40	5.3	245	16	7.3	0.0
06/01/2024 14:50	5.5	249	14	7.2	0.0
06/01/2024 15:00	5.8	246	17	7.8	0.0
06/01/2024 15:10	5.4	246	16	8.0	0.0
06/01/2024 15:20	5.5	239	16	7.0	0.0
06/01/2024 15:30	5.0	244	16	6.8	0.0
06/01/2024 15:40	5.1	239	17	7.0	0.0
06/01/2024 15:50	5.4	246	14	7.1	0.0
06/01/2024 16:00	5.3	244	15	7.5	0.0
06/01/2024 16:10	5.5	241	15	7.3	0.0
06/01/2024 16:20	5.5	242	14	7.5	0.0
06/01/2024 16:30	5.0	244	15	6.9	0.0
06/01/2024 16:40	5.0	245	16	7.0	0.0
06/01/2024 16:50	4.9	249	16	7.1	0.0
06/01/2024 17:00	5.5	246	13	7.3	0.0
06/01/2024 17:10	5.0	244	16	6.8	0.0
06/01/2024 17:20	5.2	246	15	7.7	0.0
06/01/2024 17:30	5.4	245	15	7.3	0.0
06/01/2024 17:40	5.5	248	16	7.7	0.0
06/01/2024 17:50	5.9	249	14	8.3	0.0
06/01/2024 18:00	5.2	255	16	7.1	0.0
06/01/2024 18:10	5.2	255	16	8.2	0.0
06/01/2024 18:20	5.3	256	18	7.8	0.0
06/01/2024 18:30	5.7	254	17	8.8	0.0
06/01/2024 18:40	5.5	256	13	7.7	0.0
06/01/2024 18:50	5.2	259	17	8.1	0.0
06/01/2024 19:00	5.5	261	17	7.5	0.0
06/01/2024 19:10	5.7	256	15	7.6	0.0
06/01/2024 19:20	5.6	256	17	8.5	0.0
06/01/2024 19:30	5.7	257	16	8.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/01/2024 19:40	5.5	255	16	8.1	0.0
06/01/2024 19:50	5.0	257	15	7.5	0.0
06/01/2024 20:00	5.1	256	15	7.4	0.0
06/01/2024 20:10	4.8	252	16	7.3	0.0
06/01/2024 20:20	5.0	259	14	7.7	0.0
06/01/2024 20:30	5.5	255	15	7.9	0.0
06/01/2024 20:40	5.1	257	15	7.6	0.0
06/01/2024 20:50	5.5	258	14	8.1	0.0
06/01/2024 21:00	4.7	258	17	8.4	0.0
06/01/2024 21:10	4.9	254	18	6.7	0.0
06/01/2024 21:20	4.9	251	16	7.2	0.0
06/01/2024 21:30	5.2	255	17	7.6	0.0
06/01/2024 21:40	4.8	256	17	7.4	0.0
06/01/2024 21:50	4.6	258	18	6.8	0.0
06/01/2024 22:00	4.7	258	15	6.8	0.0
06/01/2024 22:10	4.8	260	18	7.6	0.0
06/01/2024 22:20	4.5	254	16	6.6	0.0
06/01/2024 22:30	5.6	251	15	7.9	0.0
06/01/2024 22:40	5.2	252	17	7.8	0.0
06/01/2024 22:50	4.9	254	17	6.8	0.0
06/01/2024 23:00	5.1	258	14	7.5	0.0
06/01/2024 23:10	5.3	253	14	7.5	0.0
06/01/2024 23:20	5.7	256	15	8.4	0.0
06/01/2024 23:30	5.8	252	15	8.5	0.0
06/01/2024 23:40	5.9	253	17	8.4	0.0
06/01/2024 23:50	5.0	246	17	7.5	0.0
07/01/2024 00:00	5.3	249	16	8.0	0.0
07/01/2024 00:10	4.8	249	13	6.4	0.0
07/01/2024 00:20	4.4	253	15	6.5	0.0
07/01/2024 00:30	4.6	256	17	6.8	0.0
07/01/2024 00:40	4.8	256	15	6.5	0.0
07/01/2024 00:50	4.7	254	15	6.7	0.0
07/01/2024 01:00	3.9	259	15	5.8	0.0
07/01/2024 01:10	3.8	263	16	5.7	0.0
07/01/2024 01:20	4.4	257	15	7.0	0.0
07/01/2024 01:30	4.4	254	14	6.5	0.0
07/01/2024 01:40	5.3	253	14	7.6	0.0
07/01/2024 01:50	5.6	257	15	8.3	0.0
07/01/2024 02:00	5.7	254	15	8.5	0.0
07/01/2024 02:10	5.6	255	15	8.0	0.0
07/01/2024 02:20	5.2	254	19	7.6	0.0
07/01/2024 02:30	4.8	247	16	7.6	0.0
07/01/2024 02:40	4.9	251	19	7.5	0.0
07/01/2024 02:50	4.4	252	18	6.6	0.0
07/01/2024 03:00	5.2	250	17	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 03:10	4.8	249	17	7.5	0.0
07/01/2024 03:20	3.9	250	15	6.0	0.0
07/01/2024 03:30	4.0	247	16	5.6	0.0
07/01/2024 03:40	4.5	250	16	7.0	0.0
07/01/2024 03:50	4.0	253	16	6.2	0.0
07/01/2024 04:00	3.9	254	14	5.1	0.0
07/01/2024 04:10	4.2	255	14	5.9	0.0
07/01/2024 04:20	3.5	244	16	5.2	0.0
07/01/2024 04:30	3.8	243	20	5.9	0.0
07/01/2024 04:40	4.1	248	17	6.0	0.0
07/01/2024 04:50	3.9	241	18	5.8	0.0
07/01/2024 05:00	4.1	238	18	6.5	0.0
07/01/2024 05:10	3.6	242	17	5.9	0.0
07/01/2024 05:20	3.2	246	16	5.1	0.0
07/01/2024 05:30	4.1	238	14	6.0	0.0
07/01/2024 05:40	4.0	240	16	5.7	0.0
07/01/2024 05:50	3.2	243	18	5.1	0.0
07/01/2024 06:00	3.9	246	17	6.0	0.0
07/01/2024 06:10	3.5	255	14	5.4	0.0
07/01/2024 06:20	4.0	253	16	6.1	0.0
07/01/2024 06:30	3.8	236	18	5.7	0.0
07/01/2024 06:40	3.8	246	18	5.2	0.0
07/01/2024 06:50	4.1	236	17	6.4	0.0
07/01/2024 07:00	4.6	235	15	6.2	0.0
07/01/2024 07:10	4.2	244	20	6.0	0.0
07/01/2024 07:20	4.3	244	17	6.7	0.0
07/01/2024 07:30	3.9	246	20	5.6	0.0
07/01/2024 07:40	3.7	244	18	5.5	0.0
07/01/2024 07:50	4.2	250	16	5.6	0.0
07/01/2024 08:00	4.1	249	16	5.6	0.0
07/01/2024 08:10	3.9	258	16	5.4	0.0
07/01/2024 08:20	3.1	259	19	4.6	0.0
07/01/2024 08:30	2.9	254	21	4.1	0.0
07/01/2024 08:40	3.4	260	18	5.0	0.0
07/01/2024 08:50	3.7	250	18	5.0	0.0
07/01/2024 09:00	3.8	256	17	5.3	0.0
07/01/2024 09:10	3.5	259	18	5.1	0.0
07/01/2024 09:20	3.6	250	18	5.4	0.0
07/01/2024 09:30	3.7	261	21	5.6	0.0
07/01/2024 09:40	3.6	250	16	5.1	0.0
07/01/2024 09:50	3.6	254	20	5.3	0.0
07/01/2024 10:00	3.5	256	16	4.8	0.0
07/01/2024 10:10	2.6	256	32	4.1	0.0
07/01/2024 10:20	2.8	253	24	4.4	0.0
07/01/2024 10:30	2.7	275	33	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 10:40	3.4	258	14	5.2	0.0
07/01/2024 10:50	3.9	256	19	5.5	0.0
07/01/2024 11:00	4.0	254	16	5.8	0.0
07/01/2024 11:10	3.6	259	21	5.3	0.0
07/01/2024 11:20	4.0	258	17	5.5	0.0
07/01/2024 11:30	4.3	249	17	6.2	0.0
07/01/2024 11:40	3.6	257	25	5.9	0.0
07/01/2024 11:50	4.0	248	16	5.9	0.0
07/01/2024 12:00	4.0	245	20	6.1	0.0
07/01/2024 12:10	4.5	238	16	6.2	0.0
07/01/2024 12:20	4.9	238	14	7.1	0.0
07/01/2024 12:30	5.0	242	12	6.7	0.0
07/01/2024 12:40	5.1	243	15	7.0	0.0
07/01/2024 12:50	4.7	243	16	6.5	0.0
07/01/2024 13:00	4.7	243	15	7.0	0.0
07/01/2024 13:10	4.7	242	16	6.8	0.0
07/01/2024 13:20	3.6	260	27	5.8	0.0
07/01/2024 13:30	3.0	273	31	4.6	0.0
07/01/2024 13:40	3.3	272	29	5.4	0.0
07/01/2024 13:50	3.8	255	23	5.8	0.0
07/01/2024 14:00	3.9	256	24	6.2	0.0
07/01/2024 14:10	3.5	265	32	6.0	0.0
07/01/2024 14:20	3.3	263	28	5.4	0.0
07/01/2024 14:30	3.0	273	38	5.0	0.0
07/01/2024 14:40	3.9	258	23	6.7	0.0
07/01/2024 14:50	3.7	261	25	6.4	0.0
07/01/2024 15:00	4.5	251	15	6.8	0.0
07/01/2024 15:10	3.9	254	21	6.0	0.0
07/01/2024 15:20	4.1	253	19	7.2	0.0
07/01/2024 15:30	4.7	250	19	6.9	0.0
07/01/2024 15:40	5.4	251	16	7.7	0.0
07/01/2024 15:50	6.0	254	13	8.7	0.0
07/01/2024 16:00	6.2	253	16	8.3	0.0
07/01/2024 16:10	5.4	255	18	8.4	0.0
07/01/2024 16:20	5.4	258	18	8.3	0.0
07/01/2024 16:30	5.4	263	20	7.5	0.0
07/01/2024 16:40	5.2	262	20	7.4	0.0
07/01/2024 16:50	5.2	256	16	8.2	0.0
07/01/2024 17:00	5.2	258	20	7.8	0.0
07/01/2024 17:10	5.2	256	17	7.8	0.0
07/01/2024 17:20	5.4	258	19	7.5	0.0
07/01/2024 17:30	5.4	255	16	7.6	0.0
07/01/2024 17:40	5.4	254	16	7.9	0.0
07/01/2024 17:50	5.7	253	17	8.4	0.0
07/01/2024 18:00	5.5	254	18	8.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/01/2024 18:10	4.9	258	17	7.7	0.0
07/01/2024 18:20	4.2	255	18	6.6	0.0
07/01/2024 18:30	4.2	255	21	6.4	0.0
07/01/2024 18:40	4.0	256	18	6.4	0.0
07/01/2024 18:50	3.8	256	16	6.5	0.0
07/01/2024 19:00	4.2	263	18	6.1	0.0
07/01/2024 19:10	4.4	258	20	6.1	0.0
07/01/2024 19:20	4.3	256	15	6.2	0.0
07/01/2024 19:30	4.1	249	15	6.2	0.0
07/01/2024 19:40	3.9	251	15	5.4	0.0
07/01/2024 19:50	4.1	251	14	5.7	0.0
07/01/2024 20:00	4.0	255	15	5.9	0.0
07/01/2024 20:10	4.0	253	15	5.7	0.0
07/01/2024 20:20	4.3	257	13	6.0	0.0
07/01/2024 20:30	4.0	259	15	5.6	0.0
07/01/2024 20:40	4.3	261	15	6.2	0.0
07/01/2024 20:50	4.3	255	13	6.1	0.0
07/01/2024 21:00	4.5	259	14	6.1	0.0
07/01/2024 21:10	4.3	258	16	6.2	0.0
07/01/2024 21:20	4.2	256	14	6.0	0.0
07/01/2024 21:30	4.2	256	15	5.7	0.0
07/01/2024 21:40	4.4	254	12	6.0	0.0
07/01/2024 21:50	4.0	254	16	5.5	0.0
07/01/2024 22:00	4.0	254	16	5.6	0.0
07/01/2024 22:10	4.3	258	16	6.1	0.0
07/01/2024 22:20	4.8	259	14	6.4	0.0
07/01/2024 22:30	4.6	258	15	6.6	0.0
07/01/2024 22:40	4.7	258	14	6.6	0.0
07/01/2024 22:50	4.4	260	16	6.4	0.0
07/01/2024 23:00	4.3	262	15	6.4	0.0
07/01/2024 23:10	3.8	259	15	5.3	0.0
07/01/2024 23:20	4.0	255	16	6.0	0.0
07/01/2024 23:30	4.1	257	16	5.6	0.0
07/01/2024 23:40	4.1	258	16	6.1	0.0
07/01/2024 23:50	3.9	259	17	5.4	0.0
08/01/2024 00:00	3.1	254	17	4.8	0.0
08/01/2024 00:10	3.1	257	15	4.0	0.0
08/01/2024 00:20	2.9	256	18	4.4	0.0
08/01/2024 00:30	3.3	257	17	4.5	0.0
08/01/2024 00:40	2.6	259	17	3.8	0.0
08/01/2024 00:50	3.2	267	15	4.6	0.0
08/01/2024 01:00	3.2	267	15	4.4	0.0
08/01/2024 01:10	2.6	270	16	3.6	0.0
08/01/2024 01:20	2.8	275	17	4.2	0.0
08/01/2024 01:30	3.0	268	15	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 01:40	2.9	271	17	4.3	0.0
08/01/2024 01:50	2.7	277	17	4.0	0.0
08/01/2024 02:00	2.9	273	16	4.1	0.0
08/01/2024 02:10	2.9	275	19	4.7	0.0
08/01/2024 02:20	3.0	275	21	4.1	0.0
08/01/2024 02:30	3.2	274	15	4.6	0.0
08/01/2024 02:40	2.7	275	18	4.1	0.0
08/01/2024 02:50	2.2	283	20	3.2	0.0
08/01/2024 03:00	2.2	280	16	3.1	0.0
08/01/2024 03:10	2.6	265	16	3.6	0.0
08/01/2024 03:20	2.7	257	17	3.6	0.0
08/01/2024 03:30	2.5	262	17	3.5	0.0
08/01/2024 03:40	2.4	264	14	3.3	0.0
08/01/2024 03:50	2.8	275	20	4.0	0.0
08/01/2024 04:00	2.9	274	18	4.3	0.0
08/01/2024 04:10	2.9	274	16	3.9	0.0
08/01/2024 04:20	2.4	283	19	3.5	0.0
08/01/2024 04:30	2.4	272	16	3.2	0.0
08/01/2024 04:40	2.5	264	17	3.4	0.0
08/01/2024 04:50	2.4	263	16	3.4	0.0
08/01/2024 05:00	3.0	262	14	4.0	0.0
08/01/2024 05:10	2.9	268	14	3.9	0.0
08/01/2024 05:20	2.7	271	17	3.6	0.0
08/01/2024 05:30	2.7	263	16	3.7	0.0
08/01/2024 05:40	2.4	264	16	3.2	0.0
08/01/2024 05:50	3.0	270	16	3.9	0.0
08/01/2024 06:00	3.2	272	14	4.2	0.0
08/01/2024 06:10	3.2	272	17	4.5	0.0
08/01/2024 06:20	2.8	271	17	4.1	0.0
08/01/2024 06:30	2.9	271	15	4.0	0.0
08/01/2024 06:40	2.6	267	17	3.8	0.0
08/01/2024 06:50	2.8	267	15	3.7	0.0
08/01/2024 07:00	2.8	257	17	4.0	0.0
08/01/2024 07:10	2.8	256	17	4.1	0.0
08/01/2024 07:20	2.7	253	19	4.2	0.0
08/01/2024 07:30	2.4	264	16	3.6	0.0
08/01/2024 07:40	2.6	249	17	3.7	0.0
08/01/2024 07:50	2.7	242	20	3.7	0.0
08/01/2024 08:00	3.0	240	19	4.5	0.0
08/01/2024 08:10	3.3	220	19	4.7	0.0
08/01/2024 08:20	3.2	214	21	4.3	0.0
08/01/2024 08:30	3.0	212	17	4.0	0.0
08/01/2024 08:40	3.3	215	19	4.4	0.0
08/01/2024 08:50	3.2	211	21	4.8	0.0
08/01/2024 09:00	3.6	214	17	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 09:10	3.7	205	19	5.6	0.0
08/01/2024 09:20	3.2	195	22	5.0	0.0
08/01/2024 09:30	3.2	190	19	4.8	0.0
08/01/2024 09:40	3.5	207	21	5.2	0.0
08/01/2024 09:50	3.4	193	24	5.2	0.0
08/01/2024 10:00	3.7	199	19	5.6	0.0
08/01/2024 10:10	3.7	222	21	6.1	0.0
08/01/2024 10:20	3.8	223	23	6.5	0.0
08/01/2024 10:30	3.7	227	27	5.6	0.0
08/01/2024 10:40	4.7	211	21	6.4	0.0
08/01/2024 10:50	4.3	211	22	6.4	0.0
08/01/2024 11:00	3.9	229	22	5.7	0.0
08/01/2024 11:10	3.5	235	28	5.2	0.0
08/01/2024 11:20	3.6	234	23	5.7	0.0
08/01/2024 11:30	3.8	234	29	6.7	0.0
08/01/2024 11:40	3.7	254	20	6.1	0.0
08/01/2024 11:50	3.4	268	31	5.3	0.0
08/01/2024 12:00	3.2	260	24	5.2	0.0
08/01/2024 12:10	2.9	304	28	4.8	0.0
08/01/2024 12:20	3.6	317	26	5.2	0.0
08/01/2024 12:30	3.3	280	33	5.4	0.0
08/01/2024 12:40	3.9	254	16	5.8	0.0
08/01/2024 12:50	4.4	246	18	6.4	0.0
08/01/2024 13:00	4.5	244	16	6.8	0.0
08/01/2024 13:10	4.6	241	19	6.9	0.0
08/01/2024 13:20	4.6	247	20	6.5	0.0
08/01/2024 13:30	5.0	243	17	7.6	0.0
08/01/2024 13:40	4.7	253	22	7.5	0.0
08/01/2024 13:50	5.3	250	18	7.6	0.0
08/01/2024 14:00	5.2	248	17	7.0	0.0
08/01/2024 14:10	5.4	245	17	7.9	0.0
08/01/2024 14:20	4.6	248	23	6.9	0.0
08/01/2024 14:30	4.8	242	20	7.0	0.0
08/01/2024 14:40	4.8	243	19	7.3	0.0
08/01/2024 14:50	5.6	245	16	7.5	0.0
08/01/2024 15:00	5.5	247	16	8.0	0.0
08/01/2024 15:10	5.7	252	16	7.6	0.0
08/01/2024 15:20	5.9	253	16	8.3	0.0
08/01/2024 15:30	5.7	261	19	8.0	0.0
08/01/2024 15:40	5.9	254	17	8.7	0.0
08/01/2024 15:50	5.9	259	19	8.4	0.0
08/01/2024 16:00	5.9	255	20	8.7	0.0
08/01/2024 16:10	5.7	257	17	8.3	0.0
08/01/2024 16:20	5.5	257	17	8.2	0.0
08/01/2024 16:30	5.6	261	19	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/01/2024 16:40	5.5	260	20	8.0	0.0
08/01/2024 16:50	5.5	257	21	8.9	0.0
08/01/2024 17:00	5.9	259	18	9.1	0.0
08/01/2024 17:10	5.3	262	19	7.6	0.0
08/01/2024 17:20	5.4	256	17	7.7	0.0
08/01/2024 17:30	5.1	257	18	7.5	0.0
08/01/2024 17:40	5.1	260	18	7.9	0.0
08/01/2024 17:50	5.2	263	16	8.6	0.0
08/01/2024 18:00	5.0	257	19	8.4	0.0
08/01/2024 18:10	4.8	258	18	7.5	0.0
08/01/2024 18:20	5.0	258	18	7.4	0.0
08/01/2024 18:30	4.4	257	18	6.9	0.0
08/01/2024 18:40	4.7	258	19	6.8	0.0
08/01/2024 18:50	5.0	254	19	8.4	0.0
08/01/2024 19:00	5.2	258	17	7.9	0.0
08/01/2024 19:10	5.0	256	21	7.4	0.0
08/01/2024 19:20	4.4	261	17	7.5	0.0
08/01/2024 19:30	4.7	256	16	7.7	0.0
08/01/2024 19:40	4.5	257	19	6.5	0.0
08/01/2024 19:50	4.7	252	15	6.6	0.0
08/01/2024 20:00	4.7	252	15	7.6	0.0
08/01/2024 20:10	5.4	254	16	7.6	0.0
08/01/2024 20:20	5.2	249	15	7.2	0.0
08/01/2024 20:30	5.1	249	16	9.0	0.0
08/01/2024 20:40	5.4	255	15	7.9	0.0
08/01/2024 20:50	5.8	253	15	7.9	0.0
08/01/2024 21:00	5.7	254	14	8.3	0.0
08/01/2024 21:10	5.3	252	17	8.6	0.0
08/01/2024 21:20	4.2	247	17	6.9	0.0
08/01/2024 21:30	4.6	240	18	7.0	0.0
08/01/2024 21:40	4.7	242	16	7.4	0.0
08/01/2024 21:50	4.6	242	16	6.2	0.0
08/01/2024 22:00	4.6	249	17	6.9	0.0
08/01/2024 22:10	4.9	246	18	7.5	0.0
08/01/2024 22:20	4.9	245	17	7.9	0.0
08/01/2024 22:30	4.6	248	18	6.9	0.0
08/01/2024 22:40	4.5	244	16	7.3	0.0
08/01/2024 22:50	4.6	242	18	7.6	0.0
08/01/2024 23:00	3.9	248	19	6.2	0.0
08/01/2024 23:10	4.0	242	18	6.0	0.0
08/01/2024 23:20	4.7	240	16	7.0	0.0
08/01/2024 23:30	5.0	241	17	6.8	0.0
08/01/2024 23:40	4.6	244	16	6.7	0.0
08/01/2024 23:50	4.1	242	16	6.2	0.0
09/01/2024 00:00	4.7	243	16	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 00:10	4.8	239	16	7.1	0.0
09/01/2024 00:20	4.7	241	16	7.5	0.0
09/01/2024 00:30	4.4	240	21	6.7	0.0
09/01/2024 00:40	4.2	240	16	6.8	0.0
09/01/2024 00:50	3.8	246	19	5.3	0.0
09/01/2024 01:00	3.7	243	20	5.5	0.0
09/01/2024 01:10	3.3	247	17	4.7	0.0
09/01/2024 01:20	2.9	256	17	4.5	0.0
09/01/2024 01:30	2.9	245	17	4.2	0.0
09/01/2024 01:40	2.4	248	19	3.8	0.0
09/01/2024 01:50	3.3	262	14	5.2	0.0
09/01/2024 02:00	3.0	263	15	4.0	0.0
09/01/2024 02:10	2.8	264	14	4.0	0.0
09/01/2024 02:20	2.9	265	15	4.0	0.0
09/01/2024 02:30	2.8	272	16	3.9	0.0
09/01/2024 02:40	2.5	265	16	3.6	0.0
09/01/2024 02:50	3.0	274	16	4.1	0.0
09/01/2024 03:00	2.9	270	16	4.0	0.0
09/01/2024 03:10	2.8	271	14	4.1	0.0
09/01/2024 03:20	3.0	267	14	4.1	0.0
09/01/2024 03:30	2.9	267	17	4.3	0.0
09/01/2024 03:40	3.1	267	15	4.4	0.0
09/01/2024 03:50	3.1	263	15	4.4	0.0
09/01/2024 04:00	3.4	257	15	4.7	0.0
09/01/2024 04:10	4.1	261	14	5.9	0.0
09/01/2024 04:20	3.6	258	16	5.2	0.0
09/01/2024 04:30	4.0	265	17	5.4	0.0
09/01/2024 04:40	3.7	259	15	5.3	0.0
09/01/2024 04:50	3.6	260	15	4.8	0.0
09/01/2024 05:00	4.3	264	12	5.7	0.0
09/01/2024 05:10	4.6	260	16	6.4	0.0
09/01/2024 05:20	4.2	253	15	6.0	0.0
09/01/2024 05:30	3.6	248	18	5.2	0.0
09/01/2024 05:40	4.1	256	15	5.8	0.0
09/01/2024 05:50	3.9	255	14	5.6	0.0
09/01/2024 06:00	4.4	257	13	5.7	0.0
09/01/2024 06:10	4.1	259	16	5.8	0.0
09/01/2024 06:20	4.2	256	15	6.0	0.0
09/01/2024 06:30	4.5	258	13	6.1	0.0
09/01/2024 06:40	4.2	251	18	6.0	0.0
09/01/2024 06:50	4.0	249	17	5.3	0.0
09/01/2024 07:00	3.9	252	17	5.6	0.0
09/01/2024 07:10	4.3	256	16	6.0	0.0
09/01/2024 07:20	4.3	254	16	5.9	0.0
09/01/2024 07:30	3.8	256	18	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 07:40	3.9	253	16	5.1	0.0
09/01/2024 07:50	3.8	255	16	5.2	0.0
09/01/2024 08:00	3.4	255	16	4.7	0.0
09/01/2024 08:10	3.5	253	18	4.8	0.0
09/01/2024 08:20	3.8	250	16	4.9	0.0
09/01/2024 08:30	4.6	253	15	6.0	0.0
09/01/2024 08:40	4.6	256	16	6.1	0.0
09/01/2024 08:50	4.8	246	17	6.6	0.0
09/01/2024 09:00	4.8	253	16	6.4	0.0
09/01/2024 09:10	5.1	255	14	6.8	0.0
09/01/2024 09:20	4.4	255	15	6.2	0.0
09/01/2024 09:30	4.1	257	13	5.7	0.0
09/01/2024 09:40	3.7	253	16	5.2	0.0
09/01/2024 09:50	3.6	255	16	5.0	0.0
09/01/2024 10:00	3.1	255	19	4.8	0.0
09/01/2024 10:10	3.3	256	19	5.0	0.0
09/01/2024 10:20	3.5	257	17	4.8	0.0
09/01/2024 10:30	3.8	251	16	5.4	0.0
09/01/2024 10:40	3.8	256	16	5.6	0.0
09/01/2024 10:50	4.1	255	18	5.7	0.0
09/01/2024 11:00	4.1	259	17	5.6	0.0
09/01/2024 11:10	4.6	246	15	6.4	0.0
09/01/2024 11:20	4.4	254	16	6.2	0.0
09/01/2024 11:30	4.5	248	15	6.0	0.0
09/01/2024 11:40	3.4	249	19	5.1	0.0
09/01/2024 11:50	2.9	252	21	4.4	0.0
09/01/2024 12:00	2.9	260	31	4.4	0.0
09/01/2024 12:10	4.1	250	17	5.9	0.0
09/01/2024 12:20	4.5	244	15	6.1	0.0
09/01/2024 12:30	4.8	239	14	6.4	0.0
09/01/2024 12:40	4.7	242	15	6.4	0.0
09/01/2024 12:50	4.7	248	14	6.5	0.0
09/01/2024 13:00	4.7	250	13	6.1	0.0
09/01/2024 13:10	4.7	252	14	6.4	0.0
09/01/2024 13:20	5.0	250	14	6.8	0.0
09/01/2024 13:30	4.8	251	16	6.6	0.0
09/01/2024 13:40	5.1	249	16	6.9	0.0
09/01/2024 13:50	4.8	253	15	6.8	0.0
09/01/2024 14:00	4.6	254	17	6.5	0.0
09/01/2024 14:10	4.6	245	16	6.0	0.0
09/01/2024 14:20	4.9	245	13	6.8	0.0
09/01/2024 14:30	5.1	244	14	6.8	0.0
09/01/2024 14:40	4.5	254	16	6.0	0.0
09/01/2024 14:50	4.9	255	14	6.7	0.0
09/01/2024 15:00	4.8	252	15	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 15:10	5.0	254	16	6.9	0.0
09/01/2024 15:20	4.6	250	15	6.3	0.0
09/01/2024 15:30	5.1	246	15	6.4	0.0
09/01/2024 15:40	4.9	248	16	6.4	0.0
09/01/2024 15:50	4.5	255	17	6.7	0.0
09/01/2024 16:00	4.9	249	16	6.8	0.0
09/01/2024 16:10	5.0	247	16	7.3	0.0
09/01/2024 16:20	4.8	253	15	6.8	0.0
09/01/2024 16:30	5.1	250	14	7.0	0.0
09/01/2024 16:40	4.9	253	15	7.3	0.0
09/01/2024 16:50	5.1	256	16	7.1	0.0
09/01/2024 17:00	5.0	255	15	7.7	0.0
09/01/2024 17:10	5.5	249	13	7.5	0.0
09/01/2024 17:20	5.1	252	13	7.0	0.0
09/01/2024 17:30	4.8	257	17	6.4	0.0
09/01/2024 17:40	5.2	254	11	7.2	0.0
09/01/2024 17:50	5.2	252	16	7.1	0.0
09/01/2024 18:00	4.7	256	14	6.3	0.0
09/01/2024 18:10	4.8	255	15	6.7	0.0
09/01/2024 18:20	4.8	255	14	6.5	0.0
09/01/2024 18:30	4.6	255	15	6.7	0.0
09/01/2024 18:40	5.0	255	14	6.6	0.0
09/01/2024 18:50	5.1	255	16	7.1	0.0
09/01/2024 19:00	5.1	256	12	6.8	0.0
09/01/2024 19:10	4.8	255	13	6.5	0.0
09/01/2024 19:20	4.7	255	14	6.4	0.0
09/01/2024 19:30	4.7	252	15	6.4	0.0
09/01/2024 19:40	4.2	255	15	5.8	0.0
09/01/2024 19:50	4.4	248	16	6.3	0.0
09/01/2024 20:00	4.6	253	15	6.2	0.0
09/01/2024 20:10	4.4	254	16	6.3	0.0
09/01/2024 20:20	4.6	256	16	6.2	0.0
09/01/2024 20:30	5.0	256	12	6.8	0.0
09/01/2024 20:40	4.4	256	16	6.0	0.0
09/01/2024 20:50	5.0	255	13	6.8	0.0
09/01/2024 21:00	4.6	253	13	6.3	0.0
09/01/2024 21:10	4.3	252	14	6.6	0.0
09/01/2024 21:20	4.6	253	13	6.0	0.0
09/01/2024 21:30	4.4	252	14	6.2	0.0
09/01/2024 21:40	4.3	250	18	6.4	0.0
09/01/2024 21:50	4.4	255	15	7.0	0.0
09/01/2024 22:00	4.6	257	16	6.6	0.0
09/01/2024 22:10	4.1	251	18	6.0	0.0
09/01/2024 22:20	4.0	252	16	6.1	0.0
09/01/2024 22:30	4.1	254	15	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/01/2024 22:40	4.1	251	18	6.3	0.0
09/01/2024 22:50	3.8	250	22	5.9	0.0
09/01/2024 23:00	3.7	249	16	5.5	0.0
09/01/2024 23:10	4.0	254	19	5.6	0.0
09/01/2024 23:20	3.7	252	18	5.2	0.0
09/01/2024 23:30	3.3	253	17	4.9	0.0
09/01/2024 23:40	3.3	246	15	5.4	0.0
09/01/2024 23:50	3.4	241	18	5.2	0.0
10/01/2024 00:00	3.7	251	17	5.5	0.0
10/01/2024 00:10	3.8	256	15	4.9	0.0
10/01/2024 00:20	3.3	260	18	4.5	0.0
10/01/2024 00:30	3.2	249	15	4.4	0.0
10/01/2024 00:40	3.3	243	19	5.0	0.0
10/01/2024 00:50	3.4	247	17	5.2	0.0
10/01/2024 01:00	3.1	251	21	4.6	0.0
10/01/2024 01:10	3.4	257	13	4.6	0.0
10/01/2024 01:20	3.2	264	14	4.7	0.0
10/01/2024 01:30	3.3	267	15	4.2	0.0
10/01/2024 01:40	3.3	267	16	4.5	0.0
10/01/2024 01:50	3.4	267	14	4.8	0.0
10/01/2024 02:00	3.2	267	15	4.7	0.0
10/01/2024 02:10	3.3	267	16	4.5	0.0
10/01/2024 02:20	3.3	268	13	4.4	0.0
10/01/2024 02:30	3.1	261	15	4.4	0.0
10/01/2024 02:40	3.5	261	15	4.8	0.0
10/01/2024 02:50	3.2	257	17	4.7	0.0
10/01/2024 03:00	3.6	260	14	5.1	0.0
10/01/2024 03:10	3.6	256	17	5.3	0.0
10/01/2024 03:20	3.4	256	17	5.3	0.0
10/01/2024 03:30	3.4	256	17	4.9	0.0
10/01/2024 03:40	3.4	246	19	5.0	0.0
10/01/2024 03:50	3.3	255	17	4.8	0.0
10/01/2024 04:00	3.2	252	17	4.4	0.0
10/01/2024 04:10	3.5	262	15	4.9	0.0
10/01/2024 04:20	3.6	270	16	4.9	0.0
10/01/2024 04:30	3.3	271	16	5.0	0.0
10/01/2024 04:40	3.1	274	19	4.6	0.0
10/01/2024 04:50	3.8	272	16	5.5	0.0
10/01/2024 05:00	3.6	267	16	5.2	0.0
10/01/2024 05:10	3.8	265	14	5.4	0.0
10/01/2024 05:20	3.4	263	17	5.2	0.0
10/01/2024 05:30	3.6	256	17	4.9	0.0
10/01/2024 05:40	3.5	246	20	5.4	0.0
10/01/2024 05:50	3.7	243	17	5.1	0.0
10/01/2024 06:00	3.5	237	19	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 06:10	3.6	230	17	5.6	0.0
10/01/2024 06:20	3.4	226	18	5.4	0.0
10/01/2024 06:30	3.7	239	17	5.9	0.0
10/01/2024 06:40	2.9	228	21	5.2	0.0
10/01/2024 06:50	3.7	238	16	5.2	0.0
10/01/2024 07:00	3.4	230	16	5.2	0.0
10/01/2024 07:10	3.5	219	17	4.9	0.0
10/01/2024 07:20	3.5	230	16	5.0	0.0
10/01/2024 07:30	2.8	258	19	4.3	0.0
10/01/2024 07:40	2.9	265	20	4.0	0.0
10/01/2024 07:50	2.3	270	24	4.0	0.0
10/01/2024 08:00	2.6	273	19	3.9	0.0
10/01/2024 08:10	3.3	259	13	4.5	0.0
10/01/2024 08:20	3.1	259	17	4.3	0.0
10/01/2024 08:30	3.1	256	15	4.3	0.0
10/01/2024 08:40	2.5	257	23	4.0	0.0
10/01/2024 08:50	3.0	254	18	4.1	0.0
10/01/2024 09:00	3.5	248	17	4.9	0.0
10/01/2024 09:10	3.6	253	15	5.2	0.0
10/01/2024 09:20	3.5	256	15	4.8	0.0
10/01/2024 09:30	3.5	256	16	5.0	0.0
10/01/2024 09:40	3.7	255	17	5.1	0.0
10/01/2024 09:50	3.7	258	17	5.3	0.0
10/01/2024 10:00	3.9	249	14	5.3	0.0
10/01/2024 10:10	3.8	255	15	5.2	0.0
10/01/2024 10:20	4.1	251	17	5.6	0.0
10/01/2024 10:30	4.7	245	13	6.0	0.0
10/01/2024 10:40	4.7	244	15	6.0	0.0
10/01/2024 10:50	4.6	245	15	6.8	0.0
10/01/2024 11:00	4.8	243	14	6.4	0.0
10/01/2024 11:10	4.8	247	14	6.4	0.0
10/01/2024 11:20	4.9	249	16	6.8	0.0
10/01/2024 11:30	5.0	249	14	6.9	0.0
10/01/2024 11:40	5.1	249	17	7.2	0.0
10/01/2024 11:50	5.0	257	18	7.2	0.0
10/01/2024 12:00	5.0	252	16	6.8	0.0
10/01/2024 12:10	5.7	250	16	7.4	0.0
10/01/2024 12:20	5.7	255	15	7.6	0.0
10/01/2024 12:30	5.0	252	16	7.3	0.0
10/01/2024 12:40	5.2	251	14	7.2	0.0
10/01/2024 12:50	5.0	255	17	6.7	0.0
10/01/2024 13:00	5.2	254	16	7.5	0.0
10/01/2024 13:10	5.5	255	15	7.5	0.0
10/01/2024 13:20	5.3	246	16	7.2	0.0
10/01/2024 13:30	5.1	240	15	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 13:40	5.0	243	16	7.3	0.0
10/01/2024 13:50	5.0	242	16	6.8	0.0
10/01/2024 14:00	5.1	242	16	7.2	0.0
10/01/2024 14:10	4.8	250	18	6.9	0.0
10/01/2024 14:20	4.8	244	16	6.8	0.0
10/01/2024 14:30	4.9	240	14	6.8	0.0
10/01/2024 14:40	4.9	246	16	7.0	0.0
10/01/2024 14:50	5.2	245	16	7.6	0.0
10/01/2024 15:00	5.5	246	15	8.0	0.0
10/01/2024 15:10	4.8	256	18	7.3	0.0
10/01/2024 15:20	5.0	255	19	7.2	0.0
10/01/2024 15:30	5.0	256	18	7.4	0.0
10/01/2024 15:40	4.9	250	18	8.0	0.0
10/01/2024 15:50	5.1	259	17	7.5	0.0
10/01/2024 16:00	4.7	255	18	7.5	0.0
10/01/2024 16:10	5.4	256	16	7.9	0.0
10/01/2024 16:20	4.8	256	18	7.1	0.0
10/01/2024 16:30	5.1	254	16	8.3	0.0
10/01/2024 16:40	4.7	247	15	6.2	0.0
10/01/2024 16:50	5.0	251	20	7.2	0.0
10/01/2024 17:00	5.0	250	17	7.3	0.0
10/01/2024 17:10	5.2	254	20	7.9	0.0
10/01/2024 17:20	5.3	249	17	7.3	0.0
10/01/2024 17:30	5.4	244	16	7.2	0.0
10/01/2024 17:40	5.4	246	14	7.5	0.0
10/01/2024 17:50	5.1	245	17	6.7	0.0
10/01/2024 18:00	4.7	250	19	6.5	0.0
10/01/2024 18:10	4.4	259	19	6.9	0.0
10/01/2024 18:20	4.3	256	19	6.4	0.0
10/01/2024 18:30	4.4	253	17	6.4	0.0
10/01/2024 18:40	5.0	255	16	7.0	0.0
10/01/2024 18:50	5.0	251	14	6.9	0.0
10/01/2024 19:00	5.0	254	16	7.2	0.0
10/01/2024 19:10	4.9	256	17	6.8	0.0
10/01/2024 19:20	4.1	253	19	6.4	0.0
10/01/2024 19:30	5.0	258	17	6.9	0.0
10/01/2024 19:40	4.7	260	17	7.0	0.0
10/01/2024 19:50	4.6	255	15	7.5	0.0
10/01/2024 20:00	5.2	248	16	7.3	0.0
10/01/2024 20:10	5.0	253	16	6.8	0.0
10/01/2024 20:20	5.1	251	15	7.2	0.0
10/01/2024 20:30	5.6	248	16	8.0	0.0
10/01/2024 20:40	5.7	251	15	7.9	0.0
10/01/2024 20:50	5.7	251	14	8.2	0.0
10/01/2024 21:00	5.9	253	14	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 21:10	5.8	250	16	7.9	0.0
10/01/2024 21:20	4.8	256	15	7.0	0.0
10/01/2024 21:30	4.6	260	15	6.9	0.0
10/01/2024 21:40	4.6	256	14	6.8	0.0
10/01/2024 21:50	4.4	254	17	6.8	0.0
10/01/2024 22:00	4.6	253	16	7.0	0.0
10/01/2024 22:10	4.7	253	16	6.6	0.0
10/01/2024 22:20	4.4	261	17	7.2	0.0
10/01/2024 22:30	4.6	256	14	7.1	0.0
10/01/2024 22:40	4.7	258	15	6.8	0.0
10/01/2024 22:50	4.7	254	19	6.9	0.0
10/01/2024 23:00	4.2	258	16	6.4	0.0
10/01/2024 23:10	4.2	258	17	6.3	0.0
10/01/2024 23:20	4.2	260	17	6.6	0.0
10/01/2024 23:30	4.4	253	16	7.1	0.0
10/01/2024 23:40	3.9	259	15	6.4	0.0
10/01/2024 23:50	4.5	260	15	6.8	0.0
11/01/2024 00:00	4.3	262	18	6.0	0.0
11/01/2024 00:10	4.8	257	14	7.1	0.0
11/01/2024 00:20	4.7	257	16	6.7	0.0
11/01/2024 00:30	4.4	253	17	6.4	0.0
11/01/2024 00:40	4.5	256	18	6.5	0.0
11/01/2024 00:50	4.1	253	18	5.8	0.0
11/01/2024 01:00	3.7	255	15	5.7	0.0
11/01/2024 01:10	3.4	253	18	5.2	0.0
11/01/2024 01:20	2.0	198	25	3.6	0.0
11/01/2024 01:30	2.4	247	20	3.2	0.0
11/01/2024 01:40	2.3	237	18	3.5	0.0
11/01/2024 01:50	2.4	250	18	3.4	0.0
11/01/2024 02:00	2.5	256	17	3.6	0.0
11/01/2024 02:10	2.8	260	17	3.6	0.0
11/01/2024 02:20	2.7	261	15	4.0	0.0
11/01/2024 02:30	1.9	251	19	3.2	0.0
11/01/2024 02:40	1.7	241	25	2.7	0.0
11/01/2024 02:50	0.8	231	17	1.6	0.0
11/01/2024 03:00	1.0	244	20	1.8	0.0
11/01/2024 03:10	1.6	268	23	2.6	0.0
11/01/2024 03:20	1.2	311	28	2.1	0.0
11/01/2024 03:30	0.4	81	16	0.9	0.0
11/01/2024 03:40	0.3	64	10	0.9	0.0
11/01/2024 03:50	0.3	238	8	0.8	0.0
11/01/2024 04:00	0.9	237	14	1.5	0.0
11/01/2024 04:10	0.8	236	13	1.2	0.0
11/01/2024 04:20	0.1	101	8	0.6	0.0
11/01/2024 04:30	0.1	61	8	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 04:40	0.7	173	23	1.2	0.0
11/01/2024 04:50	1.1	331	23	1.8	0.0
11/01/2024 05:00	1.1	330	25	2.0	0.0
11/01/2024 05:10	1.8	319	12	2.4	0.0
11/01/2024 05:20	1.3	299	26	2.1	0.0
11/01/2024 05:30	0.9	311	30	1.9	0.0
11/01/2024 05:40	1.1	254	20	2.0	0.0
11/01/2024 05:50	1.8	250	14	2.7	0.0
11/01/2024 06:00	1.9	251	16	3.3	0.0
11/01/2024 06:10	2.4	260	14	3.3	0.0
11/01/2024 06:20	1.9	246	22	3.0	0.0
11/01/2024 06:30	1.9	257	18	2.8	0.0
11/01/2024 06:40	2.1	252	14	3.1	0.0
11/01/2024 06:50	2.3	247	17	3.4	0.0
11/01/2024 07:00	2.2	251	17	3.0	0.0
11/01/2024 07:10	2.4	250	17	3.8	0.0
11/01/2024 07:20	2.9	251	15	4.0	0.0
11/01/2024 07:30	3.3	246	13	4.8	0.0
11/01/2024 07:40	3.4	249	13	4.9	0.0
11/01/2024 07:50	2.9	254	13	4.0	0.0
11/01/2024 08:00	4.2	252	13	5.9	0.0
11/01/2024 08:10	4.3	255	14	6.1	0.0
11/01/2024 08:20	4.3	251	16	6.0	0.0
11/01/2024 08:30	3.8	240	16	5.7	0.0
11/01/2024 08:40	2.7	208	23	4.0	0.0
11/01/2024 08:50	2.0	162	24	3.3	0.0
11/01/2024 09:00	1.8	142	27	2.9	0.0
11/01/2024 09:10	1.2	124	26	2.3	0.0
11/01/2024 09:20	1.3	120	31	2.2	0.0
11/01/2024 09:30	1.6	124	28	2.5	0.0
11/01/2024 09:40	1.6	110	34	2.8	0.0
11/01/2024 09:50	1.7	113	32	2.7	0.0
11/01/2024 10:00	1.6	93	27	2.8	0.0
11/01/2024 10:10	1.3	58	26	2.4	0.0
11/01/2024 10:20	1.1	150	32	2.4	0.0
11/01/2024 10:30	1.1	139	51	2.0	0.0
11/01/2024 10:40	0.9	222	50	1.5	0.0
11/01/2024 10:50	1.3	111	30	2.0	0.0
11/01/2024 11:00	1.5	222	36	2.8	0.0
11/01/2024 11:10	1.3	134	57	2.0	0.0
11/01/2024 11:20	1.3	159	55	3.1	0.0
11/01/2024 11:30	2.0	141	34	3.4	0.0
11/01/2024 11:40	1.8	102	42	3.0	0.0
11/01/2024 11:50	1.9	97	41	3.5	0.0
11/01/2024 12:00	1.6	91	26	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 12:10	1.7	123	48	2.8	0.0
11/01/2024 12:20	1.6	176	60	3.0	0.0
11/01/2024 12:30	1.9	100	35	3.2	0.0
11/01/2024 12:40	1.8	95	37	3.1	0.0
11/01/2024 12:50	2.0	95	31	3.2	0.0
11/01/2024 13:00	2.1	63	31	3.1	0.0
11/01/2024 13:10	2.0	24	35	3.7	0.0
11/01/2024 13:20	1.7	186	44	3.2	0.0
11/01/2024 13:30	1.8	164	64	3.9	0.0
11/01/2024 13:40	2.0	285	58	3.6	0.0
11/01/2024 13:50	2.5	315	32	4.2	0.0
11/01/2024 14:00	2.5	314	31	4.0	0.0
11/01/2024 14:10	2.5	322	32	4.1	0.0
11/01/2024 14:20	2.4	288	43	4.5	0.0
11/01/2024 14:30	2.8	284	35	4.5	0.0
11/01/2024 14:40	3.1	271	35	5.1	0.0
11/01/2024 14:50	3.9	250	20	5.6	0.0
11/01/2024 15:00	4.4	247	19	6.5	0.0
11/01/2024 15:10	4.6	245	17	6.4	0.0
11/01/2024 15:20	4.1	255	22	6.3	0.0
11/01/2024 15:30	4.3	250	21	6.2	0.0
11/01/2024 15:40	4.7	249	15	6.4	0.0
11/01/2024 15:50	4.8	247	16	6.8	0.0
11/01/2024 16:00	5.3	248	18	7.5	0.0
11/01/2024 16:10	5.4	247	15	7.4	0.0
11/01/2024 16:20	5.2	247	15	7.5	0.0
11/01/2024 16:30	5.3	249	15	7.6	0.0
11/01/2024 16:40	5.4	248	16	7.4	0.0
11/01/2024 16:50	5.5	249	16	8.0	0.0
11/01/2024 17:00	5.7	247	16	8.0	0.0
11/01/2024 17:10	5.6	248	16	7.4	0.0
11/01/2024 17:20	5.8	250	18	7.9	0.0
11/01/2024 17:30	5.7	251	16	8.8	0.0
11/01/2024 17:40	5.5	252	14	7.6	0.0
11/01/2024 17:50	5.1	256	17	7.5	0.0
11/01/2024 18:00	4.9	257	16	6.8	0.0
11/01/2024 18:10	5.3	251	15	7.2	0.0
11/01/2024 18:20	6.0	249	13	8.2	0.0
11/01/2024 18:30	5.0	251	15	7.9	0.0
11/01/2024 18:40	5.6	252	14	8.2	0.0
11/01/2024 18:50	5.2	252	13	7.9	0.0
11/01/2024 19:00	4.8	252	17	6.8	0.0
11/01/2024 19:10	5.2	249	13	7.5	0.0
11/01/2024 19:20	4.9	252	17	7.0	0.0
11/01/2024 19:30	5.2	250	13	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 19:40	4.8	253	14	6.9	0.0
11/01/2024 19:50	4.9	252	14	6.8	0.0
11/01/2024 20:00	5.3	251	14	7.2	0.0
11/01/2024 20:10	4.9	251	15	7.2	0.0
11/01/2024 20:20	4.8	256	14	7.2	0.0
11/01/2024 20:30	4.4	255	16	6.4	0.0
11/01/2024 20:40	4.2	258	16	6.1	0.0
11/01/2024 20:50	4.1	260	16	6.2	0.0
11/01/2024 21:00	4.2	258	15	5.9	0.0
11/01/2024 21:10	4.6	257	15	6.3	0.0
11/01/2024 21:20	4.4	255	16	6.4	0.0
11/01/2024 21:30	4.2	254	15	5.8	0.0
11/01/2024 21:40	4.1	254	15	5.7	0.0
11/01/2024 21:50	4.3	254	14	6.3	0.0
11/01/2024 22:00	4.3	256	14	6.2	0.0
11/01/2024 22:10	4.4	254	15	6.8	0.0
11/01/2024 22:20	4.0	261	18	5.6	0.0
11/01/2024 22:30	4.1	257	15	6.1	0.0
11/01/2024 22:40	3.7	249	17	5.7	0.0
11/01/2024 22:50	3.9	255	17	5.5	0.0
11/01/2024 23:00	3.8	250	17	5.6	0.0
11/01/2024 23:10	4.1	251	16	5.7	0.0
11/01/2024 23:20	4.6	253	15	6.0	0.0
11/01/2024 23:30	4.4	255	16	6.7	0.0
11/01/2024 23:40	4.9	252	16	6.9	0.0
11/01/2024 23:50	4.5	253	15	6.7	0.0
12/01/2024 00:00	4.7	260	16	6.8	0.0
12/01/2024 00:10	5.1	253	16	6.8	0.0
12/01/2024 00:20	5.2	253	15	7.6	0.0
12/01/2024 00:30	5.2	254	12	7.0	0.0
12/01/2024 00:40	4.9	251	16	7.7	0.0
12/01/2024 00:50	4.7	253	14	7.1	0.0
12/01/2024 01:00	4.5	246	18	6.6	0.0
12/01/2024 01:10	4.8	247	16	7.1	0.0
12/01/2024 01:20	4.3	249	17	6.7	0.0
12/01/2024 01:30	4.5	245	20	7.2	0.0
12/01/2024 01:40	4.3	246	17	6.7	0.0
12/01/2024 01:50	4.2	244	17	6.3	0.0
12/01/2024 02:00	5.0	257	14	6.6	0.0
12/01/2024 02:10	4.6	251	15	6.7	0.0
12/01/2024 02:20	4.1	246	15	6.4	0.0
12/01/2024 02:30	4.1	243	17	5.9	0.0
12/01/2024 02:40	4.1	241	15	6.8	0.0
12/01/2024 02:50	4.2	239	17	6.0	0.0
12/01/2024 03:00	4.5	241	16	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 03:10	3.8	243	16	5.5	0.0
12/01/2024 03:20	3.4	245	16	4.8	0.0
12/01/2024 03:30	3.6	245	18	5.7	0.0
12/01/2024 03:40	4.2	248	18	6.2	0.0
12/01/2024 03:50	3.9	245	18	6.0	0.0
12/01/2024 04:00	4.9	255	17	6.7	0.0
12/01/2024 04:10	4.3	251	21	6.5	0.0
12/01/2024 04:20	4.4	247	20	6.4	0.0
12/01/2024 04:30	4.4	256	15	6.0	0.0
12/01/2024 04:40	3.9	253	17	5.2	0.0
12/01/2024 04:50	3.5	250	21	5.3	0.0
12/01/2024 05:00	3.8	248	18	6.2	0.0
12/01/2024 05:10	3.9	249	17	5.6	0.0
12/01/2024 05:20	4.1	245	17	5.8	0.0
12/01/2024 05:30	3.9	255	18	5.4	0.0
12/01/2024 05:40	4.4	252	14	6.3	0.0
12/01/2024 05:50	3.9	252	16	5.6	0.0
12/01/2024 06:00	3.2	254	18	4.8	0.0
12/01/2024 06:10	3.1	247	18	4.6	0.0
12/01/2024 06:20	3.2	253	17	4.8	0.0
12/01/2024 06:30	3.1	253	17	4.4	0.0
12/01/2024 06:40	2.6	248	16	4.5	0.0
12/01/2024 06:50	2.9	245	17	4.1	0.0
12/01/2024 07:00	2.7	245	19	4.0	0.0
12/01/2024 07:10	2.9	259	16	4.1	0.0
12/01/2024 07:20	2.7	261	15	3.7	0.0
12/01/2024 07:30	2.8	256	17	4.0	0.0
12/01/2024 07:40	3.0	257	16	4.1	0.0
12/01/2024 07:50	3.2	252	16	4.6	0.0
12/01/2024 08:00	3.7	243	16	5.4	0.0
12/01/2024 08:10	3.8	253	15	5.1	0.0
12/01/2024 08:20	4.1	255	17	5.6	0.0
12/01/2024 08:30	4.1	253	15	5.4	0.0
12/01/2024 08:40	4.3	256	15	6.3	0.0
12/01/2024 08:50	4.2	248	17	5.7	0.0
12/01/2024 09:00	4.3	246	14	5.7	0.0
12/01/2024 09:10	4.2	244	15	5.6	0.0
12/01/2024 09:20	3.9	249	17	5.3	0.0
12/01/2024 09:30	3.5	250	18	5.5	0.0
12/01/2024 09:40	3.7	254	18	5.9	0.0
12/01/2024 09:50	4.0	254	16	5.8	0.0
12/01/2024 10:00	4.1	248	19	6.1	0.0
12/01/2024 10:10	4.4	249	16	6.4	0.0
12/01/2024 10:20	4.2	241	16	6.2	0.0
12/01/2024 10:30	4.2	245	18	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 10:40	4.2	245	18	5.8	0.0
12/01/2024 10:50	4.0	244	19	5.6	0.0
12/01/2024 11:00	4.2	249	17	6.2	0.0
12/01/2024 11:10	4.3	247	20	5.9	0.0
12/01/2024 11:20	4.3	248	19	6.1	0.0
12/01/2024 11:30	4.2	250	18	6.1	0.0
12/01/2024 11:40	4.1	247	18	5.5	0.0
12/01/2024 11:50	4.1	252	16	5.7	0.0
12/01/2024 12:00	3.9	242	20	5.6	0.0
12/01/2024 12:10	4.5	245	18	6.2	0.0
12/01/2024 12:20	4.5	240	14	6.2	0.0
12/01/2024 12:30	4.4	240	18	6.0	0.0
12/01/2024 12:40	4.5	246	16	6.0	0.0
12/01/2024 12:50	4.6	239	16	6.1	0.0
12/01/2024 13:00	4.3	243	16	5.9	0.0
12/01/2024 13:10	4.6	245	15	6.4	0.0
12/01/2024 13:20	4.4	242	17	6.1	0.0
12/01/2024 13:30	4.3	244	15	6.3	0.0
12/01/2024 13:40	3.5	254	20	5.0	0.0
12/01/2024 13:50	3.0	268	35	4.9	0.0
12/01/2024 14:00	3.0	258	32	4.7	0.0
12/01/2024 14:10	2.8	276	37	4.7	0.0
12/01/2024 14:20	2.6	311	41	4.5	0.0
12/01/2024 14:30	2.5	301	39	4.4	0.0
12/01/2024 14:40	2.7	278	38	4.6	0.0
12/01/2024 14:50	2.7	303	46	4.8	0.0
12/01/2024 15:00	3.2	280	41	5.0	0.0
12/01/2024 15:10	3.2	273	33	5.2	0.0
12/01/2024 15:20	3.4	263	22	6.4	0.0
12/01/2024 15:30	4.1	258	21	6.3	0.0
12/01/2024 15:40	5.2	250	17	7.1	0.0
12/01/2024 15:50	5.4	252	14	7.8	0.0
12/01/2024 16:00	5.8	244	14	8.1	0.0
12/01/2024 16:10	6.2	249	15	8.1	0.0
12/01/2024 16:20	5.7	247	17	8.3	0.0
12/01/2024 16:30	6.1	246	16	8.6	0.0
12/01/2024 16:40	5.7	254	16	7.9	0.0
12/01/2024 16:50	5.8	248	14	7.5	0.0
12/01/2024 17:00	5.1	251	18	7.4	0.0
12/01/2024 17:10	5.3	254	15	7.2	0.0
12/01/2024 17:20	4.9	257	14	6.5	0.0
12/01/2024 17:30	4.5	250	15	6.4	0.0
12/01/2024 17:40	4.4	254	16	6.2	0.0
12/01/2024 17:50	4.8	251	14	6.8	0.0
12/01/2024 18:00	4.2	251	16	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 18:10	4.5	255	16	6.3	0.0
12/01/2024 18:20	5.0	248	15	7.0	0.0
12/01/2024 18:30	4.9	252	14	6.8	0.0
12/01/2024 18:40	5.0	251	17	7.1	0.0
12/01/2024 18:50	4.8	249	14	6.7	0.0
12/01/2024 19:00	5.0	253	15	6.8	0.0
12/01/2024 19:10	5.7	252	13	7.3	0.0
12/01/2024 19:20	5.1	255	14	6.7	0.0
12/01/2024 19:30	4.8	257	12	6.8	0.0
12/01/2024 19:40	4.8	250	13	6.4	0.0
12/01/2024 19:50	4.9	252	14	6.8	0.0
12/01/2024 20:00	4.7	253	14	6.8	0.0
12/01/2024 20:10	4.4	252	13	6.0	0.0
12/01/2024 20:20	4.8	253	13	6.4	0.0
12/01/2024 20:30	5.1	253	15	7.0	0.0
12/01/2024 20:40	4.4	250	15	6.0	0.0
12/01/2024 20:50	4.5	254	17	6.6	0.0
12/01/2024 21:00	4.5	254	15	6.2	0.0
12/01/2024 21:10	4.6	257	15	6.4	0.0
12/01/2024 21:20	4.4	254	15	5.9	0.0
12/01/2024 21:30	3.8	245	14	5.5	0.0
12/01/2024 21:40	3.5	250	18	4.9	0.0
12/01/2024 21:50	3.3	242	18	5.2	0.0
12/01/2024 22:00	3.5	246	15	5.2	0.0
12/01/2024 22:10	2.8	245	15	4.2	0.0
12/01/2024 22:20	2.9	244	16	4.0	0.0
12/01/2024 22:30	3.5	245	16	5.2	0.0
12/01/2024 22:40	3.4	248	17	4.8	0.0
12/01/2024 22:50	3.2	249	15	4.4	0.0
12/01/2024 23:00	3.5	251	14	4.9	0.0
12/01/2024 23:10	3.8	253	14	5.2	0.0
12/01/2024 23:20	3.6	249	16	5.2	0.0
12/01/2024 23:30	3.8	250	14	5.4	0.0
12/01/2024 23:40	3.9	256	13	5.7	0.0
12/01/2024 23:50	3.9	258	14	5.5	0.0
13/01/2024 00:00	4.3	250	14	5.9	0.0
13/01/2024 00:10	4.2	252	15	6.0	0.0
13/01/2024 00:20	4.1	253	15	6.4	0.0
13/01/2024 00:30	4.2	252	15	5.9	0.0
13/01/2024 00:40	4.5	251	14	5.8	0.0
13/01/2024 00:50	4.2	254	14	5.8	0.0
13/01/2024 01:00	3.8	251	14	5.2	0.0
13/01/2024 01:10	3.8	255	14	5.6	0.0
13/01/2024 01:20	3.7	259	14	5.6	0.0
13/01/2024 01:30	3.6	257	17	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 01:40	4.4	259	13	6.0	0.0
13/01/2024 01:50	3.9	261	16	6.2	0.0
13/01/2024 02:00	4.4	259	15	6.0	0.0
13/01/2024 02:10	4.1	258	14	5.7	0.0
13/01/2024 02:20	4.2	261	14	5.9	0.0
13/01/2024 02:30	4.0	256	14	5.5	0.0
13/01/2024 02:40	3.9	255	13	5.5	0.0
13/01/2024 02:50	4.2	255	14	6.0	0.0
13/01/2024 03:00	4.0	260	13	5.6	0.0
13/01/2024 03:10	4.5	257	13	6.1	0.0
13/01/2024 03:20	4.3	253	14	6.3	0.0
13/01/2024 03:30	4.7	251	13	6.7	0.0
13/01/2024 03:40	4.8	256	16	6.8	0.0
13/01/2024 03:50	4.9	255	14	6.8	0.0
13/01/2024 04:00	4.7	253	14	6.9	0.0
13/01/2024 04:10	4.5	251	14	6.9	0.0
13/01/2024 04:20	4.2	254	17	5.6	0.0
13/01/2024 04:30	4.0	253	16	5.7	0.0
13/01/2024 04:40	3.8	255	16	5.6	0.0
13/01/2024 04:50	3.8	255	15	5.7	0.0
13/01/2024 05:00	3.9	249	16	5.2	0.0
13/01/2024 05:10	3.4	259	15	5.0	0.0
13/01/2024 05:20	3.6	252	15	5.4	0.0
13/01/2024 05:30	3.8	254	15	5.6	0.0
13/01/2024 05:40	3.9	248	17	5.6	0.0
13/01/2024 05:50	3.5	249	15	5.2	0.0
13/01/2024 06:00	3.9	251	16	5.7	0.0
13/01/2024 06:10	4.0	255	15	5.8	0.0
13/01/2024 06:20	3.6	253	13	5.0	0.0
13/01/2024 06:30	3.2	252	16	4.7	0.0
13/01/2024 06:40	3.9	249	16	5.6	0.0
13/01/2024 06:50	3.9	247	16	5.6	0.0
13/01/2024 07:00	4.2	241	15	5.9	0.0
13/01/2024 07:10	4.2	243	17	6.2	0.0
13/01/2024 07:20	3.8	248	18	5.6	0.0
13/01/2024 07:30	4.7	252	15	6.2	0.0
13/01/2024 07:40	4.5	251	16	6.3	0.0
13/01/2024 07:50	4.4	253	14	6.3	0.0
13/01/2024 08:00	4.3	253	19	6.0	0.0
13/01/2024 08:10	4.2	254	19	6.2	0.0
13/01/2024 08:20	4.7	247	14	6.3	0.0
13/01/2024 08:30	4.5	252	16	6.7	0.0
13/01/2024 08:40	3.9	257	25	6.3	0.0
13/01/2024 08:50	4.3	258	20	6.8	0.0
13/01/2024 09:00	5.3	247	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 09:10	5.2	254	15	7.8	0.0
13/01/2024 09:20	5.2	252	15	7.2	0.0
13/01/2024 09:30	4.9	257	16	7.2	0.0
13/01/2024 09:40	4.8	259	14	6.4	0.0
13/01/2024 09:50	5.0	255	19	7.4	0.0
13/01/2024 10:00	4.9	258	17	7.2	0.0
13/01/2024 10:10	5.2	250	18	7.7	0.0
13/01/2024 10:20	5.2	253	17	7.5	0.0
13/01/2024 10:30	4.9	254	17	7.2	0.0
13/01/2024 10:40	5.2	250	17	7.2	0.0
13/01/2024 10:50	4.9	250	18	6.9	0.0
13/01/2024 11:00	5.1	245	16	7.1	0.0
13/01/2024 11:10	5.4	253	17	7.5	0.0
13/01/2024 11:20	5.7	244	13	7.9	0.0
13/01/2024 11:30	5.6	247	16	7.5	0.0
13/01/2024 11:40	5.3	255	18	7.7	0.0
13/01/2024 11:50	5.0	255	18	7.2	0.0
13/01/2024 12:00	5.4	249	16	7.7	0.0
13/01/2024 12:10	5.8	242	15	8.1	0.0
13/01/2024 12:20	5.9	244	15	8.1	0.0
13/01/2024 12:30	6.2	246	15	8.5	0.0
13/01/2024 12:40	6.3	243	14	9.0	0.0
13/01/2024 12:50	6.3	247	14	8.3	0.0
13/01/2024 13:00	6.5	245	15	8.4	0.0
13/01/2024 13:10	6.1	248	13	8.5	0.0
13/01/2024 13:20	6.5	249	16	8.7	0.0
13/01/2024 13:30	6.3	250	15	8.6	0.0
13/01/2024 13:40	6.3	250	15	8.9	0.0
13/01/2024 13:50	6.1	251	17	8.6	0.0
13/01/2024 14:00	6.5	248	17	9.1	0.0
13/01/2024 14:10	5.9	247	15	8.1	0.0
13/01/2024 14:20	6.2	244	15	8.5	0.0
13/01/2024 14:30	6.1	247	17	8.8	0.0
13/01/2024 14:40	6.2	248	15	8.3	0.0
13/01/2024 14:50	6.0	247	16	8.4	0.0
13/01/2024 15:00	6.1	245	15	8.3	0.0
13/01/2024 15:10	6.4	245	15	8.5	0.0
13/01/2024 15:20	6.3	248	16	9.0	0.0
13/01/2024 15:30	6.3	245	15	8.7	0.0
13/01/2024 15:40	6.5	243	13	8.4	0.0
13/01/2024 15:50	6.6	246	16	8.9	0.0
13/01/2024 16:00	6.9	248	13	8.8	0.0
13/01/2024 16:10	6.5	249	16	9.0	0.0
13/01/2024 16:20	5.9	249	18	7.9	0.0
13/01/2024 16:30	5.5	248	14	7.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 16:40	6.0	246	16	8.8	0.0
13/01/2024 16:50	5.5	249	20	8.7	0.0
13/01/2024 17:00	5.8	249	16	8.1	0.0
13/01/2024 17:10	5.7	252	16	8.9	0.0
13/01/2024 17:20	5.3	258	20	7.9	0.0
13/01/2024 17:30	5.6	254	17	7.4	0.0
13/01/2024 17:40	5.6	260	18	8.1	0.0
13/01/2024 17:50	5.3	257	14	7.8	0.0
13/01/2024 18:00	5.0	260	17	7.9	0.0
13/01/2024 18:10	5.0	255	18	7.5	0.0
13/01/2024 18:20	5.0	253	19	8.1	0.0
13/01/2024 18:30	5.3	259	14	8.3	0.0
13/01/2024 18:40	5.5	255	16	7.7	0.0
13/01/2024 18:50	5.4	258	17	8.5	0.0
13/01/2024 19:00	5.5	256	17	8.5	0.0
13/01/2024 19:10	5.1	255	16	7.5	0.0
13/01/2024 19:20	5.2	259	15	7.6	0.0
13/01/2024 19:30	5.6	261	17	8.1	0.0
13/01/2024 19:40	4.9	254	16	7.3	0.0
13/01/2024 19:50	5.1	264	16	7.6	0.0
13/01/2024 20:00	5.0	260	16	7.2	0.0
13/01/2024 20:10	4.7	262	16	7.2	0.0
13/01/2024 20:20	4.8	256	18	7.2	0.0
13/01/2024 20:30	5.0	255	16	6.5	0.0
13/01/2024 20:40	5.4	253	14	7.9	0.0
13/01/2024 20:50	5.2	253	14	7.4	0.0
13/01/2024 21:00	5.4	253	15	7.4	0.0
13/01/2024 21:10	5.5	253	16	8.0	0.0
13/01/2024 21:20	5.8	251	16	8.3	0.0
13/01/2024 21:30	5.8	256	13	8.2	0.0
13/01/2024 21:40	5.8	253	15	7.6	0.0
13/01/2024 21:50	5.3	252	15	7.5	0.0
13/01/2024 22:00	5.7	250	15	8.4	0.0
13/01/2024 22:10	6.1	252	13	8.3	0.0
13/01/2024 22:20	5.1	250	16	8.0	0.0
13/01/2024 22:30	6.2	252	14	8.0	0.0
13/01/2024 22:40	6.2	251	13	8.3	0.0
13/01/2024 22:50	6.4	251	15	8.6	0.0
13/01/2024 23:00	5.8	255	14	8.2	0.0
13/01/2024 23:10	6.1	252	14	8.2	0.0
13/01/2024 23:20	5.9	254	16	8.3	0.0
13/01/2024 23:30	5.8	256	16	7.7	0.0
13/01/2024 23:40	5.5	254	15	7.6	0.0
13/01/2024 23:50	5.6	252	15	7.6	0.0
14/01/2024 00:00	6.1	254	14	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 00:10	5.6	254	13	8.2	0.0
14/01/2024 00:20	5.5	253	14	7.6	0.0
14/01/2024 00:30	5.3	258	16	7.2	0.0
14/01/2024 00:40	5.3	254	16	7.5	0.0
14/01/2024 00:50	4.9	253	13	6.5	0.0
14/01/2024 01:00	5.0	251	14	7.1	0.0
14/01/2024 01:10	5.2	252	14	7.5	0.0
14/01/2024 01:20	5.2	254	17	7.5	0.0
14/01/2024 01:30	5.1	255	19	7.2	0.0
14/01/2024 01:40	4.8	260	20	7.5	0.0
14/01/2024 01:50	5.0	255	15	6.7	0.0
14/01/2024 02:00	5.1	254	16	7.6	0.0
14/01/2024 02:10	5.1	256	14	7.2	0.0
14/01/2024 02:20	4.9	259	14	7.2	0.0
14/01/2024 02:30	5.8	255	15	8.1	0.0
14/01/2024 02:40	5.9	252	15	8.1	0.0
14/01/2024 02:50	5.9	252	13	8.1	0.0
14/01/2024 03:00	5.6	250	16	8.1	0.0
14/01/2024 03:10	4.7	255	17	7.8	0.0
14/01/2024 03:20	5.7	258	15	8.2	0.0
14/01/2024 03:30	5.4	254	18	8.5	0.0
14/01/2024 03:40	5.2	250	16	7.2	0.0
14/01/2024 03:50	5.4	261	17	8.3	0.0
14/01/2024 04:00	5.7	254	16	7.8	0.0
14/01/2024 04:10	5.5	252	16	8.3	0.0
14/01/2024 04:20	5.4	252	16	7.9	0.0
14/01/2024 04:30	5.4	251	13	7.5	0.0
14/01/2024 04:40	5.8	247	18	8.3	0.0
14/01/2024 04:50	5.1	251	17	7.9	0.0
14/01/2024 05:00	5.1	248	17	7.2	0.0
14/01/2024 05:10	5.3	250	17	7.7	0.0
14/01/2024 05:20	5.1	252	16	7.5	0.0
14/01/2024 05:30	4.5	256	19	6.8	0.0
14/01/2024 05:40	5.0	249	19	7.2	0.0
14/01/2024 05:50	5.2	246	16	7.2	0.0
14/01/2024 06:00	5.3	251	16	7.7	0.0
14/01/2024 06:10	5.9	253	13	8.1	0.0
14/01/2024 06:20	5.2	256	14	7.7	0.0
14/01/2024 06:30	5.5	252	15	8.2	0.0
14/01/2024 06:40	5.2	255	18	8.3	0.0
14/01/2024 06:50	4.8	256	17	7.3	0.0
14/01/2024 07:00	4.7	253	17	6.5	0.0
14/01/2024 07:10	5.4	252	15	7.4	0.0
14/01/2024 07:20	5.1	254	14	7.5	0.0
14/01/2024 07:30	4.7	245	16	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 07:40	5.2	240	15	7.5	0.0
14/01/2024 07:50	5.3	245	16	7.7	0.0
14/01/2024 08:00	5.2	245	20	7.7	0.0
14/01/2024 08:10	5.9	251	15	8.8	0.0
14/01/2024 08:20	6.0	251	14	8.1	0.0
14/01/2024 08:30	6.0	251	15	9.1	0.0
14/01/2024 08:40	6.0	255	16	8.5	0.0
14/01/2024 08:50	6.0	252	15	8.8	0.0
14/01/2024 09:00	5.5	251	16	9.1	0.0
14/01/2024 09:10	6.0	257	17	8.6	0.0
14/01/2024 09:20	5.6	255	16	8.3	0.0
14/01/2024 09:30	5.9	256	19	8.5	0.0
14/01/2024 09:40	6.4	258	16	8.5	0.0
14/01/2024 09:50	5.9	256	19	8.4	0.0
14/01/2024 10:00	5.7	257	18	8.3	0.0
14/01/2024 10:10	6.2	259	18	9.2	0.0
14/01/2024 10:20	6.0	258	17	9.5	0.0
14/01/2024 10:30	6.6	258	18	9.5	0.0
14/01/2024 10:40	6.7	253	18	9.3	0.0
14/01/2024 10:50	6.9	255	17	9.9	0.0
14/01/2024 11:00	6.2	258	17	8.5	0.0
14/01/2024 11:10	6.1	256	15	9.0	0.0
14/01/2024 11:20	6.8	253	15	9.2	0.0
14/01/2024 11:30	6.6	254	15	9.3	0.0
14/01/2024 11:40	6.5	256	15	9.1	0.0
14/01/2024 11:50	5.9	256	19	9.8	0.0
14/01/2024 12:00	6.4	259	18	9.4	0.0
14/01/2024 12:10	6.5	254	18	9.3	0.0
14/01/2024 12:20	6.9	251	16	10.2	0.0
14/01/2024 12:30	7.4	251	17	9.7	0.0
14/01/2024 12:40	6.4	257	17	8.6	0.0
14/01/2024 12:50	6.9	252	17	10.3	0.0
14/01/2024 13:00	6.8	254	18	9.6	0.0
14/01/2024 13:10	6.7	256	18	10.2	0.0
14/01/2024 13:20	6.6	256	16	9.4	0.0
14/01/2024 13:30	7.0	255	17	9.4	0.0
14/01/2024 13:40	6.9	249	15	10.0	0.0
14/01/2024 13:50	7.4	247	16	10.1	0.0
14/01/2024 14:00	7.4	248	15	10.2	0.0
14/01/2024 14:10	7.5	246	15	10.2	0.0
14/01/2024 14:20	6.8	251	16	9.9	0.0
14/01/2024 14:30	6.9	252	18	9.9	0.0
14/01/2024 14:40	6.8	249	15	9.5	0.0
14/01/2024 14:50	6.2	256	18	9.1	0.0
14/01/2024 15:00	6.9	258	18	9.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 15:10	6.0	262	17	9.5	0.0
14/01/2024 15:20	6.5	256	17	8.8	0.0
14/01/2024 15:30	6.8	254	17	9.5	0.0
14/01/2024 15:40	6.6	251	16	9.9	0.0
14/01/2024 15:50	6.5	254	20	8.7	0.0
14/01/2024 16:00	6.6	254	18	10.1	0.0
14/01/2024 16:10	6.5	254	18	10.3	0.0
14/01/2024 16:20	6.9	253	16	9.4	0.0
14/01/2024 16:30	7.4	248	13	9.9	0.0
14/01/2024 16:40	6.5	255	17	9.6	0.0
14/01/2024 16:50	6.9	249	16	9.4	0.0
14/01/2024 17:00	6.2	256	18	9.8	0.0
14/01/2024 17:10	6.3	253	17	9.7	0.0
14/01/2024 17:20	6.7	248	14	9.5	0.0
14/01/2024 17:30	6.9	251	15	9.6	0.0
14/01/2024 17:40	6.0	254	19	8.8	0.0
14/01/2024 17:50	6.0	256	16	8.8	0.0
14/01/2024 18:00	6.5	257	16	9.9	0.0
14/01/2024 18:10	6.2	256	15	9.5	0.0
14/01/2024 18:20	6.0	255	16	8.7	0.0
14/01/2024 18:30	5.8	257	17	8.7	0.0
14/01/2024 18:40	6.0	261	17	8.4	0.0
14/01/2024 18:50	5.7	258	17	8.3	0.0
14/01/2024 19:00	5.6	259	16	8.3	0.0
14/01/2024 19:10	5.6	260	18	8.4	0.0
14/01/2024 19:20	5.3	260	16	8.8	0.0
14/01/2024 19:30	5.6	255	18	8.4	0.0
14/01/2024 19:40	5.4	256	17	8.2	0.0
14/01/2024 19:50	6.2	251	16	9.0	0.0
14/01/2024 20:00	5.8	253	15	9.1	0.0
14/01/2024 20:10	5.8	251	19	8.3	0.0
14/01/2024 20:20	6.3	251	15	9.3	0.0
14/01/2024 20:30	5.8	252	16	8.1	0.0
14/01/2024 20:40	5.6	253	16	7.5	0.0
14/01/2024 20:50	5.5	257	18	8.5	0.0
14/01/2024 21:00	5.8	253	14	8.8	0.0
14/01/2024 21:10	5.6	255	17	8.0	0.0
14/01/2024 21:20	5.8	252	14	8.9	0.0
14/01/2024 21:30	5.7	255	16	8.5	0.0
14/01/2024 21:40	5.1	254	15	8.2	0.0
14/01/2024 21:50	5.3	251	18	7.6	0.0
14/01/2024 22:00	5.8	253	14	8.4	0.0
14/01/2024 22:10	5.4	257	16	7.6	0.0
14/01/2024 22:20	6.2	248	15	8.8	0.0
14/01/2024 22:30	6.3	252	16	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 22:40	5.9	250	15	9.0	0.0
14/01/2024 22:50	5.4	258	16	7.6	0.0
14/01/2024 23:00	5.4	254	17	7.5	0.0
14/01/2024 23:10	5.3	253	14	8.2	0.0
14/01/2024 23:20	5.4	253	15	8.4	0.0
14/01/2024 23:30	5.4	256	15	8.3	0.0
14/01/2024 23:40	6.2	254	16	9.1	0.0
14/01/2024 23:50	6.0	250	16	9.1	0.0
15/01/2024 00:00	5.6	251	16	7.8	0.0
15/01/2024 00:10	5.5	253	17	7.8	0.0
15/01/2024 00:20	5.4	254	14	8.2	0.0
15/01/2024 00:30	5.4	258	14	7.9	0.0
15/01/2024 00:40	5.8	254	14	7.9	0.0
15/01/2024 00:50	5.5	251	16	7.5	0.0
15/01/2024 01:00	5.4	257	17	7.9	0.0
15/01/2024 01:10	5.6	254	15	8.2	0.0
15/01/2024 01:20	5.6	254	17	8.5	0.0
15/01/2024 01:30	5.2	256	16	7.4	0.0
15/01/2024 01:40	5.0	251	14	8.2	0.0
15/01/2024 01:50	5.2	251	13	7.0	0.0
15/01/2024 02:00	4.4	249	19	6.6	0.0
15/01/2024 02:10	4.9	242	14	6.7	0.0
15/01/2024 02:20	5.2	258	17	7.4	0.0
15/01/2024 02:30	5.3	254	15	7.5	0.0
15/01/2024 02:40	5.0	252	18	7.2	0.0
15/01/2024 02:50	5.3	254	15	7.3	0.0
15/01/2024 03:00	5.1	259	16	7.1	0.0
15/01/2024 03:10	4.6	255	17	7.1	0.0
15/01/2024 03:20	4.6	254	16	7.2	0.0
15/01/2024 03:30	4.7	254	18	6.8	0.0
15/01/2024 03:40	4.8	251	15	7.2	0.0
15/01/2024 03:50	5.6	255	13	7.7	0.0
15/01/2024 04:00	4.6	248	17	6.5	0.0
15/01/2024 04:10	4.1	256	17	6.6	0.0
15/01/2024 04:20	4.0	253	15	5.9	0.0
15/01/2024 04:30	4.7	254	12	6.7	0.0
15/01/2024 04:40	4.5	251	16	6.4	0.0
15/01/2024 04:50	4.4	256	15	6.0	0.0
15/01/2024 05:00	3.6	250	16	6.0	0.0
15/01/2024 05:10	3.7	251	14	5.5	0.0
15/01/2024 05:20	3.4	246	16	5.3	0.0
15/01/2024 05:30	3.3	245	19	5.2	0.0
15/01/2024 05:40	3.4	246	16	5.2	0.0
15/01/2024 05:50	3.6	253	13	5.2	0.0
15/01/2024 06:00	3.9	252	14	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 06:10	4.3	249	17	6.6	0.0
15/01/2024 06:20	3.8	246	15	6.0	0.0
15/01/2024 06:30	4.2	238	16	5.6	0.0
15/01/2024 06:40	3.7	242	19	5.8	0.0
15/01/2024 06:50	4.4	247	15	6.4	0.0
15/01/2024 07:00	4.2	242	18	6.2	0.0
15/01/2024 07:10	4.1	243	19	6.4	0.0
15/01/2024 07:20	4.0	246	19	6.0	0.0
15/01/2024 07:30	4.6	243	15	6.4	0.0
15/01/2024 07:40	4.8	255	16	6.9	0.0
15/01/2024 07:50	4.3	249	17	5.7	0.0
15/01/2024 08:00	4.5	257	15	6.9	0.0
15/01/2024 08:10	5.1	255	15	7.5	0.0
15/01/2024 08:20	5.1	249	15	7.2	0.0
15/01/2024 08:30	5.1	248	17	7.6	0.0
15/01/2024 08:40	5.4	248	15	7.2	0.0
15/01/2024 08:50	5.4	250	15	7.2	0.0
15/01/2024 09:00	5.4	247	16	7.9	0.0
15/01/2024 09:10	5.1	249	16	7.2	0.0
15/01/2024 09:20	4.7	247	21	6.7	0.0
15/01/2024 09:30	4.2	248	21	6.4	0.0
15/01/2024 09:40	4.2	243	20	6.0	0.0
15/01/2024 09:50	4.2	256	20	6.2	0.0
15/01/2024 10:00	4.6	250	19	6.4	0.0
15/01/2024 10:10	4.7	253	17	6.4	0.0
15/01/2024 10:20	4.3	253	19	6.3	0.0
15/01/2024 10:30	4.5	254	19	6.6	0.0
15/01/2024 10:40	4.6	254	15	6.7	0.0
15/01/2024 10:50	4.7	250	16	6.8	0.0
15/01/2024 11:00	4.7	249	18	6.6	0.0
15/01/2024 11:10	4.7	250	19	6.7	0.0
15/01/2024 11:20	5.0	250	17	7.1	0.0
15/01/2024 11:30	4.8	247	18	6.3	0.0
15/01/2024 11:40	5.3	251	17	7.4	0.0
15/01/2024 11:50	5.6	242	17	7.6	0.0
15/01/2024 12:00	5.5	244	16	7.3	0.0
15/01/2024 12:10	5.7	243	16	7.8	0.0
15/01/2024 12:20	5.5	248	17	7.8	0.0
15/01/2024 12:30	5.5	247	17	7.7	0.0
15/01/2024 12:40	5.2	242	17	7.6	0.0
15/01/2024 12:50	5.6	242	17	8.1	0.0
15/01/2024 13:00	5.8	242	18	7.8	0.0
15/01/2024 13:10	5.5	247	19	8.0	0.0
15/01/2024 13:20	5.6	239	14	8.0	0.0
15/01/2024 13:30	6.3	245	16	8.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 13:40	6.2	245	19	8.6	0.0
15/01/2024 13:50	6.2	247	14	8.8	0.0
15/01/2024 14:00	6.5	244	15	9.1	0.0
15/01/2024 14:10	6.4	243	17	9.0	0.0
15/01/2024 14:20	6.4	245	15	8.6	0.0
15/01/2024 14:30	6.1	246	16	7.9	0.0
15/01/2024 14:40	6.0	249	19	9.2	0.0
15/01/2024 14:50	6.1	247	16	8.8	0.0
15/01/2024 15:00	6.6	250	17	9.1	0.0
15/01/2024 15:10	6.4	247	16	9.1	0.0
15/01/2024 15:20	6.5	249	17	9.1	0.0
15/01/2024 15:30	6.7	247	18	9.2	0.0
15/01/2024 15:40	6.6	252	18	8.7	0.0
15/01/2024 15:50	6.3	250	17	9.5	0.0
15/01/2024 16:00	6.3	251	19	9.3	0.0
15/01/2024 16:10	6.0	248	20	9.2	0.0
15/01/2024 16:20	6.0	248	16	8.8	0.0
15/01/2024 16:30	6.0	253	17	8.5	0.0
15/01/2024 16:40	6.1	252	16	9.5	0.0
15/01/2024 16:50	6.0	251	17	8.3	0.0
15/01/2024 17:00	6.3	249	17	9.1	0.0
15/01/2024 17:10	6.0	254	16	9.9	0.0
15/01/2024 17:20	6.8	251	14	9.4	0.0
15/01/2024 17:30	6.2	252	16	9.1	0.0
15/01/2024 17:40	6.0	261	17	9.1	0.0
15/01/2024 17:50	6.6	249	16	9.4	0.0
15/01/2024 18:00	5.6	256	19	7.9	0.0
15/01/2024 18:10	5.6	254	16	8.7	0.0
15/01/2024 18:20	5.5	253	17	8.2	0.0
15/01/2024 18:30	5.8	249	18	8.3	0.0
15/01/2024 18:40	5.8	251	15	9.1	0.0
15/01/2024 18:50	5.6	251	14	7.9	0.0
15/01/2024 19:00	5.8	252	15	8.3	0.0
15/01/2024 19:10	5.9	252	15	7.7	0.0
15/01/2024 19:20	5.4	252	15	8.5	0.0
15/01/2024 19:30	5.1	251	16	7.6	0.0
15/01/2024 19:40	6.1	252	15	9.0	0.0
15/01/2024 19:50	5.7	253	14	8.4	0.0
15/01/2024 20:00	5.7	251	15	8.2	0.0
15/01/2024 20:10	5.5	252	15	8.4	0.0
15/01/2024 20:20	5.7	247	15	7.9	0.0
15/01/2024 20:30	5.2	252	16	7.5	0.0
15/01/2024 20:40	5.1	257	18	7.5	0.0
15/01/2024 20:50	5.2	258	14	7.4	0.0
15/01/2024 21:00	4.9	260	17	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 21:10	4.8	261	17	7.7	0.0
15/01/2024 21:20	4.6	256	17	7.8	0.0
15/01/2024 21:30	4.8	257	15	6.9	0.0
15/01/2024 21:40	4.2	258	18	6.1	0.0
15/01/2024 21:50	4.3	251	16	7.3	0.0
15/01/2024 22:00	4.3	250	16	7.4	0.0
15/01/2024 22:10	4.2	253	16	6.0	0.0
15/01/2024 22:20	4.3	255	17	6.0	0.0
15/01/2024 22:30	4.4	253	17	6.8	0.0
15/01/2024 22:40	4.6	246	16	6.7	0.0
15/01/2024 22:50	4.0	252	16	5.9	0.0
15/01/2024 23:00	4.6	254	14	7.1	0.0
15/01/2024 23:10	4.5	250	17	6.2	0.0
15/01/2024 23:20	4.6	248	15	6.4	0.0
15/01/2024 23:30	4.1	248	18	6.2	0.0
15/01/2024 23:40	4.3	237	18	6.5	0.0
15/01/2024 23:50	4.3	253	16	6.2	0.0
16/01/2024 00:00	4.1	249	15	6.0	0.0
16/01/2024 00:10	3.7	251	20	6.0	0.0
16/01/2024 00:20	3.7	256	16	5.2	0.0
16/01/2024 00:30	3.9	255	13	5.9	0.0
16/01/2024 00:40	3.4	257	16	4.6	0.0
16/01/2024 00:50	3.8	254	14	5.4	0.0
16/01/2024 01:00	4.4	256	15	6.4	0.0
16/01/2024 01:10	4.0	259	16	6.0	0.0
16/01/2024 01:20	4.0	257	13	6.6	0.0
16/01/2024 01:30	4.5	257	18	6.5	0.0
16/01/2024 01:40	4.7	259	15	6.5	0.0
16/01/2024 01:50	4.3	260	18	7.0	0.0
16/01/2024 02:00	5.0	259	16	7.1	0.0
16/01/2024 02:10	5.0	258	17	7.4	0.0
16/01/2024 02:20	4.9	256	15	7.5	0.0
16/01/2024 02:30	5.0	261	15	7.3	0.0
16/01/2024 02:40	5.0	256	16	7.2	0.0
16/01/2024 02:50	4.9	259	15	7.1	0.0
16/01/2024 03:00	5.3	254	17	7.6	0.0
16/01/2024 03:10	4.7	257	15	6.9	0.0
16/01/2024 03:20	4.8	261	15	7.2	0.0
16/01/2024 03:30	5.4	259	15	7.3	0.0
16/01/2024 03:40	5.1	259	16	7.5	0.0
16/01/2024 03:50	4.9	260	17	7.2	0.0
16/01/2024 04:00	5.2	258	16	7.5	0.0
16/01/2024 04:10	4.9	256	14	7.2	0.0
16/01/2024 04:20	4.9	258	18	8.1	0.0
16/01/2024 04:30	5.4	258	16	7.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 04:40	5.5	260	18	7.9	0.0
16/01/2024 04:50	5.3	262	16	8.0	0.0
16/01/2024 05:00	5.6	252	14	8.7	0.0
16/01/2024 05:10	6.0	254	16	8.7	0.0
16/01/2024 05:20	5.2	249	16	7.9	0.0
16/01/2024 05:30	5.7	254	16	8.7	0.0
16/01/2024 05:40	5.0	251	21	7.1	0.0
16/01/2024 05:50	4.8	248	19	7.1	0.0
16/01/2024 06:00	5.1	246	17	7.7	0.0
16/01/2024 06:10	5.2	242	18	7.5	0.0
16/01/2024 06:20	5.3	253	15	8.1	0.0
16/01/2024 06:30	5.2	252	17	8.2	0.0
16/01/2024 06:40	5.4	250	15	7.5	0.0
16/01/2024 06:50	5.0	243	18	8.3	0.0
16/01/2024 07:00	5.6	239	15	8.5	0.0
16/01/2024 07:10	6.0	253	16	8.3	0.0
16/01/2024 07:20	5.9	241	14	8.6	0.0
16/01/2024 07:30	5.6	249	18	7.6	0.0
16/01/2024 07:40	5.6	246	19	7.7	0.0
16/01/2024 07:50	6.1	248	16	8.3	0.0
16/01/2024 08:00	5.7	251	19	8.0	0.0
16/01/2024 08:10	5.8	249	20	8.8	0.0
16/01/2024 08:20	5.9	255	15	8.5	0.0
16/01/2024 08:30	6.0	249	16	8.7	0.0
16/01/2024 08:40	5.5	251	17	8.1	0.0
16/01/2024 08:50	5.8	255	16	8.4	0.0
16/01/2024 09:00	6.5	252	16	9.1	0.0
16/01/2024 09:10	5.8	254	19	8.3	0.0
16/01/2024 09:20	5.7	255	17	8.6	0.0
16/01/2024 09:30	6.1	251	14	8.9	0.0
16/01/2024 09:40	5.9	252	15	9.2	0.0
16/01/2024 09:50	6.1	253	17	8.5	0.0
16/01/2024 10:00	6.5	252	15	9.5	0.0
16/01/2024 10:10	6.3	253	18	9.1	0.0
16/01/2024 10:20	7.0	252	16	9.9	0.0
16/01/2024 10:30	6.7	253	16	9.7	0.0
16/01/2024 10:40	6.6	254	18	9.7	0.0
16/01/2024 10:50	6.2	256	21	9.0	0.0
16/01/2024 11:00	7.0	254	17	10.3	0.0
16/01/2024 11:10	6.4	250	18	9.6	0.0
16/01/2024 11:20	6.2	255	19	9.2	0.0
16/01/2024 11:30	6.4	252	18	9.9	0.0
16/01/2024 11:40	6.4	253	17	9.1	0.0
16/01/2024 11:50	7.2	251	16	10.2	0.0
16/01/2024 12:00	6.8	255	17	10.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 12:10	6.0	260	19	9.7	0.0
16/01/2024 12:20	6.2	256	16	9.1	0.0
16/01/2024 12:30	6.4	257	16	9.1	0.0
16/01/2024 12:40	6.1	260	18	9.9	0.0
16/01/2024 12:50	6.1	256	17	8.8	0.0
16/01/2024 13:00	6.0	258	17	9.2	0.0
16/01/2024 13:10	6.0	261	17	9.0	0.0
16/01/2024 13:20	5.7	257	18	8.9	0.0
16/01/2024 13:30	6.2	257	18	10.3	0.0
16/01/2024 13:40	7.0	249	16	10.0	0.0
16/01/2024 13:50	6.4	256	17	9.1	0.0
16/01/2024 14:00	6.1	257	20	9.2	0.0
16/01/2024 14:10	6.4	251	22	9.5	0.0
16/01/2024 14:20	6.4	254	18	9.6	0.0
16/01/2024 14:30	7.2	251	17	10.6	0.0
16/01/2024 14:40	7.1	254	15	9.5	0.0
16/01/2024 14:50	7.3	249	17	10.8	0.0
16/01/2024 15:00	7.3	253	17	11.1	0.0
16/01/2024 15:10	7.6	250	16	10.8	0.0
16/01/2024 15:20	7.0	254	18	9.9	0.0
16/01/2024 15:30	7.2	257	18	10.5	0.0
16/01/2024 15:40	6.9	253	17	9.9	0.0
16/01/2024 15:50	6.8	255	16	10.2	0.0
16/01/2024 16:00	6.4	254	17	9.1	0.0
16/01/2024 16:10	7.2	252	16	11.0	0.0
16/01/2024 16:20	7.0	255	15	9.9	0.0
16/01/2024 16:30	6.6	256	16	9.8	0.0
16/01/2024 16:40	5.9	259	18	9.5	0.0
16/01/2024 16:50	6.4	259	19	9.5	0.0
16/01/2024 17:00	6.8	256	16	9.9	0.0
16/01/2024 17:10	6.5	259	17	9.4	0.0
16/01/2024 17:20	6.8	257	17	10.8	0.0
16/01/2024 17:30	7.0	253	15	10.5	0.0
16/01/2024 17:40	6.9	256	18	10.0	0.0
16/01/2024 17:50	6.6	254	17	9.6	0.0
16/01/2024 18:00	5.7	260	21	8.6	0.0
16/01/2024 18:10	6.5	261	17	9.5	0.0
16/01/2024 18:20	6.0	255	15	9.2	0.0
16/01/2024 18:30	6.3	251	17	9.0	0.0
16/01/2024 18:40	5.6	254	17	8.7	0.0
16/01/2024 18:50	6.1	253	18	9.5	0.0
16/01/2024 19:00	5.3	258	16	7.9	0.0
16/01/2024 19:10	6.1	251	16	8.7	0.0
16/01/2024 19:20	5.8	252	17	8.2	0.0
16/01/2024 19:30	6.1	254	18	8.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 19:40	5.9	258	15	10.0	0.0
16/01/2024 19:50	5.9	257	14	8.2	0.0
16/01/2024 20:00	5.4	254	16	7.6	0.0
16/01/2024 20:10	6.1	255	17	8.5	0.0
16/01/2024 20:20	5.7	255	18	8.3	0.0
16/01/2024 20:30	5.7	258	19	9.1	0.0
16/01/2024 20:40	6.5	249	17	9.4	0.0
16/01/2024 20:50	7.1	254	14	10.1	0.0
16/01/2024 21:00	6.1	260	16	8.9	0.0
16/01/2024 21:10	5.7	257	18	8.8	0.0
16/01/2024 21:20	6.0	255	15	9.1	0.0
16/01/2024 21:30	5.2	259	18	8.6	0.0
16/01/2024 21:40	5.3	259	17	7.9	0.0
16/01/2024 21:50	5.1	256	18	7.2	0.0
16/01/2024 22:00	5.2	256	17	8.4	0.0
16/01/2024 22:10	5.3	257	20	8.3	0.0
16/01/2024 22:20	5.1	257	17	7.5	0.0
16/01/2024 22:30	5.6	260	14	7.9	0.0
16/01/2024 22:40	5.2	258	18	8.0	0.0
16/01/2024 22:50	5.1	254	15	7.6	0.0
16/01/2024 23:00	4.6	257	19	6.6	0.0
16/01/2024 23:10	5.2	251	17	7.6	0.0
16/01/2024 23:20	4.7	255	18	8.0	0.0
16/01/2024 23:30	5.3	251	17	8.0	0.0
16/01/2024 23:40	5.5	254	16	8.1	0.0
16/01/2024 23:50	5.5	250	18	8.7	0.0
17/01/2024 00:00	5.1	252	13	7.8	0.0
17/01/2024 00:10	5.6	253	17	8.3	0.0
17/01/2024 00:20	5.1	252	19	7.3	0.0
17/01/2024 00:30	5.7	254	16	8.7	0.0
17/01/2024 00:40	5.8	254	15	8.5	0.0
17/01/2024 00:50	5.3	251	16	8.5	0.0
17/01/2024 01:00	5.3	252	16	7.2	0.0
17/01/2024 01:10	5.1	252	14	7.2	0.0
17/01/2024 01:20	4.7	255	17	7.2	0.0
17/01/2024 01:30	5.2	254	15	7.4	0.0
17/01/2024 01:40	4.8	254	16	7.8	0.0
17/01/2024 01:50	5.0	252	15	8.7	0.0
17/01/2024 02:00	4.8	254	16	7.0	0.0
17/01/2024 02:10	5.3	253	16	7.7	0.0
17/01/2024 02:20	5.1	260	17	6.8	0.0
17/01/2024 02:30	4.9	257	19	6.9	0.0
17/01/2024 02:40	5.5	255	17	8.1	0.0
17/01/2024 02:50	6.3	251	16	9.2	0.0
17/01/2024 03:00	6.0	254	16	8.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 03:10	6.1	251	16	8.5	0.0
17/01/2024 03:20	5.8	252	14	8.3	0.0
17/01/2024 03:30	5.4	257	16	7.8	0.0
17/01/2024 03:40	5.6	254	17	7.9	0.0
17/01/2024 03:50	5.2	253	16	7.7	0.0
17/01/2024 04:00	5.6	253	16	7.9	0.0
17/01/2024 04:10	5.6	253	18	7.8	0.0
17/01/2024 04:20	5.8	253	15	8.4	0.0
17/01/2024 04:30	5.4	251	18	7.5	0.0
17/01/2024 04:40	6.1	251	16	9.1	0.0
17/01/2024 04:50	5.9	257	16	8.5	0.0
17/01/2024 05:00	5.7	252	15	8.6	0.0
17/01/2024 05:10	6.1	254	17	8.9	0.0
17/01/2024 05:20	5.3	253	17	7.3	0.0
17/01/2024 05:30	5.0	250	18	7.4	0.0
17/01/2024 05:40	4.7	250	15	7.2	0.0
17/01/2024 05:50	4.6	251	17	7.1	0.0
17/01/2024 06:00	5.4	252	17	7.8	0.0
17/01/2024 06:10	5.4	251	16	8.6	0.0
17/01/2024 06:20	4.7	250	14	6.8	0.0
17/01/2024 06:30	4.7	255	16	6.9	0.0
17/01/2024 06:40	4.6	255	16	7.1	0.0
17/01/2024 06:50	4.6	256	16	6.4	0.0
17/01/2024 07:00	5.1	252	15	7.9	0.0
17/01/2024 07:10	5.3	252	16	7.4	0.0
17/01/2024 07:20	4.8	260	20	7.9	0.0
17/01/2024 07:30	5.3	259	18	7.7	0.0
17/01/2024 07:40	5.7	250	16	8.3	0.0
17/01/2024 07:50	6.5	253	15	9.0	0.0
17/01/2024 08:00	6.2	252	16	8.8	0.0
17/01/2024 08:10	6.8	254	15	9.9	0.0
17/01/2024 08:20	6.7	251	15	9.0	0.0
17/01/2024 08:30	7.1	250	13	10.3	0.0
17/01/2024 08:40	6.3	257	17	9.5	0.0
17/01/2024 08:50	6.4	252	15	9.3	0.0
17/01/2024 09:00	7.2	248	16	10.1	0.0
17/01/2024 09:10	7.5	252	15	10.7	0.0
17/01/2024 09:20	7.1	252	17	10.7	0.0
17/01/2024 09:30	6.9	249	17	9.7	0.0
17/01/2024 09:40	7.1	253	17	10.7	0.0
17/01/2024 09:50	6.7	253	17	9.2	0.0
17/01/2024 10:00	7.2	251	18	9.9	0.0
17/01/2024 10:10	6.9	250	15	9.8	0.0
17/01/2024 10:20	6.6	253	17	9.9	0.0
17/01/2024 10:30	6.1	255	19	8.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 10:40	6.4	254	18	9.5	0.0
17/01/2024 10:50	6.8	249	17	9.6	0.0
17/01/2024 11:00	6.6	251	15	10.0	0.0
17/01/2024 11:10	6.5	249	16	9.4	0.0
17/01/2024 11:20	6.0	253	16	8.3	0.0
17/01/2024 11:30	6.3	255	18	9.3	0.0
17/01/2024 11:40	6.5	250	17	9.7	0.0
17/01/2024 11:50	6.4	257	16	8.5	0.0
17/01/2024 12:00	6.2	255	16	9.1	0.0
17/01/2024 12:10	6.7	252	14	9.2	0.0
17/01/2024 12:20	6.8	255	17	9.8	0.0
17/01/2024 12:30	6.5	255	17	9.0	0.0
17/01/2024 12:40	6.6	256	17	9.1	0.0
17/01/2024 12:50	6.4	249	17	8.9	0.0
17/01/2024 13:00	6.7	257	17	9.6	0.0
17/01/2024 13:10	6.7	257	16	9.4	0.0
17/01/2024 13:20	6.8	253	14	9.6	0.0
17/01/2024 13:30	6.9	252	18	11.0	0.0
17/01/2024 13:40	6.6	256	16	9.7	0.0
17/01/2024 13:50	6.1	256	18	8.6	0.0
17/01/2024 14:00	6.9	250	16	9.8	0.0
17/01/2024 14:10	6.2	254	18	9.1	0.0
17/01/2024 14:20	5.9	257	16	8.3	0.0
17/01/2024 14:30	6.0	252	17	8.8	0.0
17/01/2024 14:40	6.1	258	20	8.9	0.0
17/01/2024 14:50	5.9	252	22	8.7	0.0
17/01/2024 15:00	6.4	255	17	9.4	0.0
17/01/2024 15:10	5.9	254	18	9.1	0.0
17/01/2024 15:20	6.1	256	16	8.7	0.0
17/01/2024 15:30	5.9	260	17	8.2	0.0
17/01/2024 15:40	5.8	258	16	9.2	0.0
17/01/2024 15:50	5.8	258	17	8.0	0.0
17/01/2024 16:00	6.1	255	18	8.7	0.0
17/01/2024 16:10	6.2	254	18	9.4	0.0
17/01/2024 16:20	6.0	254	17	8.8	0.0
17/01/2024 16:30	5.5	254	18	8.6	0.0
17/01/2024 16:40	4.3	258	20	6.4	0.0
17/01/2024 16:50	4.3	260	24	7.0	0.0
17/01/2024 17:00	4.0	269	26	6.3	0.0
17/01/2024 17:10	3.4	271	30	6.0	0.0
17/01/2024 17:20	3.4	278	36	6.1	0.0
17/01/2024 17:30	3.7	276	39	6.3	0.0
17/01/2024 17:40	3.7	269	25	6.8	0.0
17/01/2024 17:50	3.8	263	24	6.5	0.0
17/01/2024 18:00	3.6	267	27	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 18:10	3.7	260	26	5.6	0.0
17/01/2024 18:20	3.3	257	24	5.8	0.0
17/01/2024 18:30	3.8	259	24	5.8	0.0
17/01/2024 18:40	3.9	267	23	6.3	0.0
17/01/2024 18:50	4.3	261	20	6.8	0.0
17/01/2024 19:00	4.3	258	17	6.5	0.0
17/01/2024 19:10	5.0	257	16	7.7	0.0
17/01/2024 19:20	5.4	256	17	8.2	0.0
17/01/2024 19:30	5.6	256	16	8.4	0.0
17/01/2024 19:40	5.8	255	16	8.6	0.0
17/01/2024 19:50	5.8	254	14	8.3	0.0
17/01/2024 20:00	5.9	256	17	8.9	0.0
17/01/2024 20:10	5.3	250	15	8.4	0.0
17/01/2024 20:20	5.0	251	16	7.0	0.0
17/01/2024 20:30	4.9	254	16	7.2	0.0
17/01/2024 20:40	4.9	250	16	7.0	0.0
17/01/2024 20:50	4.9	254	17	7.3	0.0
17/01/2024 21:00	4.5	263	18	6.7	0.0
17/01/2024 21:10	4.9	259	15	7.2	0.0
17/01/2024 21:20	5.1	259	16	7.8	0.0
17/01/2024 21:30	5.4	258	12	8.3	0.0
17/01/2024 21:40	5.4	260	15	7.7	0.0
17/01/2024 21:50	4.9	260	19	7.4	0.0
17/01/2024 22:00	4.9	260	17	8.3	0.0
17/01/2024 22:10	4.6	259	18	7.2	0.0
17/01/2024 22:20	4.5	261	18	6.8	0.0
17/01/2024 22:30	3.7	255	19	6.1	0.0
17/01/2024 22:40	5.3	256	16	8.2	0.0
17/01/2024 22:50	4.0	260	18	6.4	0.0
17/01/2024 23:00	4.1	263	17	6.7	0.0
17/01/2024 23:10	5.1	254	13	7.1	0.0
17/01/2024 23:20	4.7	259	15	6.4	0.0
17/01/2024 23:30	5.0	257	16	7.2	0.0
17/01/2024 23:40	4.8	258	16	7.9	0.0
17/01/2024 23:50	4.8	258	16	6.6	0.0
18/01/2024 00:00	4.6	260	18	7.5	0.0
18/01/2024 00:10	4.9	262	15	7.2	0.0
18/01/2024 00:20	5.2	259	16	7.3	0.0
18/01/2024 00:30	4.9	263	17	7.3	0.0
18/01/2024 00:40	4.8	260	17	7.2	0.0
18/01/2024 00:50	4.9	257	13	7.3	0.0
18/01/2024 01:00	5.0	254	16	7.5	0.0
18/01/2024 01:10	5.7	254	14	8.7	0.0
18/01/2024 01:20	5.5	254	16	7.7	0.0
18/01/2024 01:30	5.6	256	12	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 01:40	5.1	251	16	7.6	0.0
18/01/2024 01:50	5.5	250	13	7.9	0.0
18/01/2024 02:00	4.8	252	18	7.5	0.0
18/01/2024 02:10	5.3	254	15	7.8	0.0
18/01/2024 02:20	4.7	243	19	6.9	0.0
18/01/2024 02:30	5.5	252	14	7.4	0.0
18/01/2024 02:40	5.4	253	14	7.5	0.0
18/01/2024 02:50	4.9	255	15	7.0	0.0
18/01/2024 03:00	5.3	253	16	7.6	0.0
18/01/2024 03:10	4.5	253	15	6.5	0.0
18/01/2024 03:20	4.8	254	15	7.0	0.0
18/01/2024 03:30	4.4	250	15	6.3	0.0
18/01/2024 03:40	4.3	257	16	6.1	0.0
18/01/2024 03:50	3.9	256	15	5.5	0.0
18/01/2024 04:00	3.8	257	15	5.2	0.0
18/01/2024 04:10	4.0	256	14	5.7	0.0
18/01/2024 04:20	4.1	256	17	5.6	0.0
18/01/2024 04:30	3.7	258	17	5.2	0.0
18/01/2024 04:40	3.6	262	17	5.0	0.0
18/01/2024 04:50	3.5	258	16	4.9	0.0
18/01/2024 05:00	3.5	256	15	5.3	0.0
18/01/2024 05:10	3.5	259	14	5.6	0.0
18/01/2024 05:20	4.0	258	14	5.7	0.0
18/01/2024 05:30	4.1	255	14	5.6	0.0
18/01/2024 05:40	4.1	259	16	5.6	0.0
18/01/2024 05:50	4.2	257	17	5.8	0.0
18/01/2024 06:00	4.1	253	15	5.8	0.0
18/01/2024 06:10	4.1	253	16	6.0	0.0
18/01/2024 06:20	4.2	254	16	6.1	0.0
18/01/2024 06:30	4.4	252	13	6.3	0.0
18/01/2024 06:40	4.1	255	13	5.6	0.0
18/01/2024 06:50	3.7	255	16	5.2	0.0
18/01/2024 07:00	4.2	256	15	6.2	0.0
18/01/2024 07:10	4.5	253	14	6.5	0.0
18/01/2024 07:20	4.4	260	18	6.3	0.0
18/01/2024 07:30	4.8	255	15	7.4	0.0
18/01/2024 07:40	4.7	253	17	6.7	0.0
18/01/2024 07:50	4.7	251	15	6.8	0.0
18/01/2024 08:00	5.1	253	17	6.9	0.0
18/01/2024 08:10	5.2	248	14	7.2	0.0
18/01/2024 08:20	5.2	248	17	7.1	0.0
18/01/2024 08:30	5.5	252	16	7.5	0.0
18/01/2024 08:40	4.8	256	17	6.6	0.0
18/01/2024 08:50	5.6	251	15	7.8	0.0
18/01/2024 09:00	4.8	253	19	6.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 09:10	5.0	253	19	7.2	0.0
18/01/2024 09:20	4.8	253	18	7.0	0.0
18/01/2024 09:30	5.2	256	15	7.4	0.0
18/01/2024 09:40	5.0	255	16	7.4	0.0
18/01/2024 09:50	5.4	248	15	7.2	0.0
18/01/2024 10:00	4.6	258	15	6.4	0.0
18/01/2024 10:10	4.6	252	19	6.6	0.0
18/01/2024 10:20	4.7	251	17	6.7	0.0
18/01/2024 10:30	4.7	257	17	6.6	0.0
18/01/2024 10:40	4.5	253	18	6.3	0.0
18/01/2024 10:50	4.7	254	15	6.8	0.0
18/01/2024 11:00	4.6	251	18	6.5	0.0
18/01/2024 11:10	4.5	253	17	6.2	0.0
18/01/2024 11:20	4.6	257	15	6.4	0.0
18/01/2024 11:30	4.7	250	16	6.8	0.0
18/01/2024 11:40	4.8	246	17	6.8	0.0
18/01/2024 11:50	5.2	243	13	7.2	0.0
18/01/2024 12:00	5.4	246	15	7.6	0.0
18/01/2024 12:10	5.4	241	15	7.2	0.0
18/01/2024 12:20	5.2	242	15	7.1	0.0
18/01/2024 12:30	5.5	247	15	7.3	0.0
18/01/2024 12:40	5.1	245	18	6.9	0.0
18/01/2024 12:50	4.6	248	15	6.7	0.0
18/01/2024 13:00	4.3	263	22	6.6	0.0
18/01/2024 13:10	4.1	256	23	6.8	0.0
18/01/2024 13:20	3.2	271	37	5.3	0.0
18/01/2024 13:30	3.5	299	42	6.4	0.0
18/01/2024 13:40	3.6	285	38	5.9	0.0
18/01/2024 13:50	3.7	303	34	6.0	0.0
18/01/2024 14:00	4.0	306	33	6.0	0.0
18/01/2024 14:10	3.9	276	37	6.2	0.0
18/01/2024 14:20	3.7	279	35	6.2	0.0
18/01/2024 14:30	3.8	286	39	6.2	0.0
18/01/2024 14:40	3.9	286	32	6.0	0.0
18/01/2024 14:50	3.6	288	36	6.6	0.0
18/01/2024 15:00	3.8	287	35	6.2	0.0
18/01/2024 15:10	3.8	291	36	6.5	0.0
18/01/2024 15:20	3.8	295	35	6.5	0.0
18/01/2024 15:30	3.8	283	35	5.9	0.0
18/01/2024 15:40	4.0	297	30	6.0	0.0
18/01/2024 15:50	3.3	298	37	5.6	0.0
18/01/2024 16:00	3.4	272	34	5.5	0.0
18/01/2024 16:10	3.8	267	28	6.2	0.0
18/01/2024 16:20	3.9	266	31	6.4	0.0
18/01/2024 16:30	3.7	280	32	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 16:40	3.2	279	31	5.2	0.0
18/01/2024 16:50	4.5	262	20	7.0	0.0
18/01/2024 17:00	5.2	252	16	7.5	0.0
18/01/2024 17:10	5.4	256	15	8.2	0.0
18/01/2024 17:20	5.6	255	16	7.5	0.0
18/01/2024 17:30	5.3	247	18	7.5	0.0
18/01/2024 17:40	6.0	247	14	8.4	0.0
18/01/2024 17:50	6.0	248	18	8.6	0.0
18/01/2024 18:00	5.5	246	15	7.5	0.0
18/01/2024 18:10	5.7	252	15	8.7	0.0
18/01/2024 18:20	5.4	262	18	7.7	0.0
18/01/2024 18:30	4.9	260	18	7.1	0.0
18/01/2024 18:40	5.3	258	15	7.5	0.0
18/01/2024 18:50	4.9	260	18	6.7	0.0
18/01/2024 19:00	4.7	259	14	7.2	0.0
18/01/2024 19:10	4.6	259	17	6.7	0.0
18/01/2024 19:20	4.7	256	15	6.8	0.0
18/01/2024 19:30	5.0	259	16	6.6	0.0
18/01/2024 19:40	5.5	254	12	7.0	0.0
18/01/2024 19:50	4.9	254	15	6.9	0.0
18/01/2024 20:00	5.3	254	14	7.2	0.0
18/01/2024 20:10	5.1	245	14	7.2	0.0
18/01/2024 20:20	4.8	253	19	7.0	0.0
18/01/2024 20:30	4.6	240	18	6.9	0.0
18/01/2024 20:40	4.5	252	16	6.3	0.0
18/01/2024 20:50	4.4	256	18	6.8	0.0
18/01/2024 21:00	3.9	262	12	5.7	0.0
18/01/2024 21:10	3.9	260	18	5.6	0.0
18/01/2024 21:20	4.0	263	17	6.0	0.0
18/01/2024 21:30	4.2	261	14	5.8	0.0
18/01/2024 21:40	4.2	257	16	6.3	0.0
18/01/2024 21:50	4.5	257	15	6.5	0.0
18/01/2024 22:00	4.6	258	13	6.6	0.0
18/01/2024 22:10	4.6	257	14	6.1	0.0
18/01/2024 22:20	5.1	256	14	7.1	0.0
18/01/2024 22:30	4.9	259	15	6.6	0.0
18/01/2024 22:40	4.5	259	14	6.7	0.0
18/01/2024 22:50	4.4	258	14	6.0	0.0
18/01/2024 23:00	4.2	259	13	6.0	0.0
18/01/2024 23:10	4.2	259	14	6.1	0.0
18/01/2024 23:20	4.3	260	17	6.1	0.0
18/01/2024 23:30	4.6	260	16	6.2	0.0
18/01/2024 23:40	4.1	257	18	6.4	0.0
18/01/2024 23:50	3.7	252	14	5.9	0.0
19/01/2024 00:00	3.9	249	15	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 00:10	4.1	255	13	5.7	0.0
19/01/2024 00:20	3.3	254	17	4.9	0.0
19/01/2024 00:30	3.5	253	15	5.2	0.0
19/01/2024 00:40	4.1	254	15	5.6	0.0
19/01/2024 00:50	3.6	257	15	5.3	0.0
19/01/2024 01:00	3.7	257	15	5.2	0.0
19/01/2024 01:10	3.5	256	14	5.1	0.0
19/01/2024 01:20	2.9	256	18	3.9	0.0
19/01/2024 01:30	2.8	253	14	4.0	0.0
19/01/2024 01:40	3.3	254	17	4.6	0.0
19/01/2024 01:50	3.5	253	15	4.8	0.0
19/01/2024 02:00	3.1	255	15	4.4	0.0
19/01/2024 02:10	3.0	253	15	4.3	0.0
19/01/2024 02:20	3.1	251	14	4.0	0.0
19/01/2024 02:30	3.5	251	13	5.1	0.0
19/01/2024 02:40	2.9	256	15	4.4	0.0
19/01/2024 02:50	3.2	254	14	4.7	0.0
19/01/2024 03:00	3.5	254	13	4.8	0.0
19/01/2024 03:10	3.9	257	14	5.3	0.0
19/01/2024 03:20	4.0	255	13	5.6	0.0
19/01/2024 03:30	4.3	256	14	5.7	0.0
19/01/2024 03:40	4.3	258	14	6.1	0.0
19/01/2024 03:50	3.9	256	16	5.3	0.0
19/01/2024 04:00	3.8	258	15	5.7	0.0
19/01/2024 04:10	4.1	257	16	5.7	0.0
19/01/2024 04:20	4.0	253	13	5.7	0.0
19/01/2024 04:30	3.6	259	19	5.0	0.0
19/01/2024 04:40	3.2	261	16	4.5	0.0
19/01/2024 04:50	3.3	257	15	4.9	0.0
19/01/2024 05:00	2.7	259	17	4.0	0.0
19/01/2024 05:10	2.9	258	14	4.1	0.0
19/01/2024 05:20	1.9	264	20	2.8	0.0
19/01/2024 05:30	2.3	257	15	3.4	0.0
19/01/2024 05:40	1.9	263	17	2.9	0.0
19/01/2024 05:50	2.1	253	19	3.1	0.0
19/01/2024 06:00	2.2	252	20	2.9	0.0
19/01/2024 06:10	2.1	252	15	3.0	0.0
19/01/2024 06:20	2.5	251	14	4.0	0.0
19/01/2024 06:30	2.1	254	17	3.2	0.0
19/01/2024 06:40	1.8	258	26	2.9	0.0
19/01/2024 06:50	1.7	297	45	3.0	0.0
19/01/2024 07:00	2.0	262	34	3.5	0.0
19/01/2024 07:10	2.0	293	44	3.3	0.0
19/01/2024 07:20	2.4	302	38	4.2	0.0
19/01/2024 07:30	2.2	273	40	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 07:40	2.1	273	36	3.5	0.0
19/01/2024 07:50	2.4	289	48	4.5	0.0
19/01/2024 08:00	2.4	283	36	4.5	0.0
19/01/2024 08:10	2.5	274	44	4.6	0.0
19/01/2024 08:20	2.6	280	38	4.0	0.0
19/01/2024 08:30	2.6	305	35	4.8	0.0
19/01/2024 08:40	2.3	282	44	3.7	0.0
19/01/2024 08:50	2.9	267	30	4.4	0.0
19/01/2024 09:00	3.2	269	28	5.5	0.0
19/01/2024 09:10	2.8	303	38	5.0	0.0
19/01/2024 09:20	2.8	297	44	4.8	0.0
19/01/2024 09:30	3.3	294	37	5.2	0.0
19/01/2024 09:40	3.1	289	45	5.2	0.0
19/01/2024 09:50	2.6	292	39	5.0	0.0
19/01/2024 10:00	3.1	259	30	5.2	0.0
19/01/2024 10:10	4.3	254	16	6.2	0.0
19/01/2024 10:20	3.8	265	28	6.4	0.0
19/01/2024 10:30	4.6	248	17	7.2	0.0
19/01/2024 10:40	4.8	248	18	7.0	0.0
19/01/2024 10:50	4.7	247	17	6.8	0.0
19/01/2024 11:00	3.6	261	22	6.0	0.0
19/01/2024 11:10	3.6	258	20	5.7	0.0
19/01/2024 11:20	2.6	293	41	5.2	0.0
19/01/2024 11:30	2.8	299	35	4.8	0.0
19/01/2024 11:40	2.9	306	38	5.2	0.0
19/01/2024 11:50	2.9	288	37	5.0	0.0
19/01/2024 12:00	3.5	301	40	5.6	0.0
19/01/2024 12:10	3.2	308	33	5.3	0.0
19/01/2024 12:20	3.3	311	40	5.1	0.0
19/01/2024 12:30	3.7	323	30	5.7	0.0
19/01/2024 12:40	3.1	283	40	5.1	0.0
19/01/2024 12:50	3.2	302	40	5.6	0.0
19/01/2024 13:00	3.8	318	31	6.4	0.0
19/01/2024 13:10	3.6	316	37	6.1	0.0
19/01/2024 13:20	3.4	297	42	5.6	0.0
19/01/2024 13:30	2.9	298	36	4.9	0.0
19/01/2024 13:40	3.1	305	36	4.6	0.0
19/01/2024 13:50	3.2	278	39	5.0	0.0
19/01/2024 14:00	3.4	313	37	6.0	0.0
19/01/2024 14:10	3.7	309	37	6.1	0.0
19/01/2024 14:20	3.3	299	43	5.3	0.0
19/01/2024 14:30	3.3	294	42	6.3	0.0
19/01/2024 14:40	3.9	270	35	6.4	0.0
19/01/2024 14:50	3.3	278	34	6.2	0.0
19/01/2024 15:00	4.0	295	30	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 15:10	3.6	306	35	5.8	0.0
19/01/2024 15:20	3.1	279	35	5.7	0.0
19/01/2024 15:30	3.7	280	29	5.7	0.0
19/01/2024 15:40	3.4	273	34	5.6	0.0
19/01/2024 15:50	3.6	276	34	5.7	0.0
19/01/2024 16:00	3.1	294	43	5.4	0.0
19/01/2024 16:10	3.5	285	40	5.4	0.0
19/01/2024 16:20	3.1	298	40	5.8	0.0
19/01/2024 16:30	3.2	296	39	5.7	0.0
19/01/2024 16:40	3.2	287	30	5.4	0.0
19/01/2024 16:50	3.5	270	29	6.0	0.0
19/01/2024 17:00	4.3	261	18	6.7	0.0
19/01/2024 17:10	5.0	257	16	6.9	0.0
19/01/2024 17:20	5.2	244	14	7.1	0.0
19/01/2024 17:30	5.5	243	18	7.8	0.0
19/01/2024 17:40	5.5	250	17	7.6	0.0
19/01/2024 17:50	4.9	251	16	6.6	0.0
19/01/2024 18:00	3.4	259	17	4.9	0.0
19/01/2024 18:10	4.0	263	21	6.0	0.0
19/01/2024 18:20	2.9	265	28	4.3	0.0
19/01/2024 18:30	2.5	286	37	4.4	0.0
19/01/2024 18:40	2.5	290	34	4.1	0.0
19/01/2024 18:50	3.1	301	31	5.0	0.0
19/01/2024 19:00	2.6	293	35	4.6	0.0
19/01/2024 19:10	2.9	312	31	4.8	0.0
19/01/2024 19:20	2.6	297	42	4.4	0.0
19/01/2024 19:30	2.6	301	35	4.4	0.0
19/01/2024 19:40	2.7	282	36	4.8	0.0
19/01/2024 19:50	2.7	282	35	4.8	0.0
19/01/2024 20:00	2.4	284	37	3.9	0.0
19/01/2024 20:10	2.3	295	41	3.9	0.0
19/01/2024 20:20	2.9	306	31	5.1	0.0
19/01/2024 20:30	2.6	302	39	4.8	0.0
19/01/2024 20:40	2.5	307	36	5.2	0.0
19/01/2024 20:50	3.0	303	33	5.2	0.0
19/01/2024 21:00	2.4	280	35	4.2	0.0
19/01/2024 21:10	2.9	307	34	4.8	0.0
19/01/2024 21:20	2.9	294	31	4.8	0.0
19/01/2024 21:30	2.5	300	38	4.5	0.0
19/01/2024 21:40	2.5	291	39	4.4	0.0
19/01/2024 21:50	2.4	290	38	4.8	0.0
19/01/2024 22:00	2.6	279	34	4.4	0.0
19/01/2024 22:10	2.8	262	34	4.7	0.0
19/01/2024 22:20	3.4	261	26	6.0	0.0
19/01/2024 22:30	3.4	263	23	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 22:40	3.3	263	26	5.1	0.0
19/01/2024 22:50	3.2	264	28	4.8	0.0
19/01/2024 23:00	3.3	261	25	5.8	0.0
19/01/2024 23:10	3.0	264	31	5.0	0.0
19/01/2024 23:20	3.0	271	33	4.7	0.0
19/01/2024 23:30	2.8	271	26	4.1	0.0
19/01/2024 23:40	3.4	255	15	4.8	0.0
19/01/2024 23:50	3.0	265	21	4.4	0.0
20/01/2024 00:00	2.8	268	28	4.4	0.0
20/01/2024 00:10	2.6	284	33	4.2	0.0
20/01/2024 00:20	2.4	284	35	4.4	0.0
20/01/2024 00:30	2.8	267	28	4.0	0.0
20/01/2024 00:40	2.8	271	29	4.7	0.0
20/01/2024 00:50	3.2	265	30	5.6	0.0
20/01/2024 01:00	2.8	264	29	4.3	0.0
20/01/2024 01:10	2.7	269	35	4.8	0.0
20/01/2024 01:20	3.1	268	28	4.9	0.0
20/01/2024 01:30	3.2	259	21	4.6	0.0
20/01/2024 01:40	3.4	258	17	4.9	0.0
20/01/2024 01:50	3.8	259	17	5.3	0.0
20/01/2024 02:00	3.9	261	20	6.0	0.0
20/01/2024 02:10	3.6	260	20	5.5	0.0
20/01/2024 02:20	3.1	269	26	4.8	0.0
20/01/2024 02:30	3.2	260	21	4.9	0.0
20/01/2024 02:40	3.1	260	22	5.0	0.0
20/01/2024 02:50	2.8	264	24	4.1	0.0
20/01/2024 03:00	3.3	258	18	5.2	0.0
20/01/2024 03:10	3.1	261	26	4.8	0.0
20/01/2024 03:20	3.1	256	18	4.7	0.0
20/01/2024 03:30	3.3	255	19	5.2	0.0
20/01/2024 03:40	2.6	269	29	4.8	0.0
20/01/2024 03:50	2.7	265	31	4.8	0.0
20/01/2024 04:00	2.3	275	38	4.2	0.0
20/01/2024 04:10	2.3	288	44	4.2	0.0
20/01/2024 04:20	2.8	277	33	4.4	0.0
20/01/2024 04:30	2.8	264	28	4.2	0.0
20/01/2024 04:40	3.7	255	17	5.6	0.0
20/01/2024 04:50	3.6	258	18	4.8	0.0
20/01/2024 05:00	3.7	258	17	5.1	0.0
20/01/2024 05:10	3.4	262	23	5.0	0.0
20/01/2024 05:20	3.3	257	22	4.7	0.0
20/01/2024 05:30	3.7	256	14	6.2	0.0
20/01/2024 05:40	3.1	257	22	5.0	0.0
20/01/2024 05:50	2.9	252	17	4.0	0.0
20/01/2024 06:00	2.8	254	24	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 06:10	3.1	255	25	4.9	0.0
20/01/2024 06:20	3.3	254	25	4.7	0.0
20/01/2024 06:30	2.9	251	19	5.0	0.0
20/01/2024 06:40	2.8	255	19	4.1	0.0
20/01/2024 06:50	3.6	251	16	5.4	0.0
20/01/2024 07:00	3.5	254	16	5.0	0.0
20/01/2024 07:10	3.3	249	22	5.0	0.0
20/01/2024 07:20	2.9	253	19	4.4	0.0
20/01/2024 07:30	3.4	253	18	4.7	0.0
20/01/2024 07:40	2.4	253	28	4.0	0.0
20/01/2024 07:50	3.1	250	22	5.0	0.0
20/01/2024 08:00	2.1	257	30	3.8	0.0
20/01/2024 08:10	2.2	276	51	4.1	0.0
20/01/2024 08:20	2.3	278	42	4.1	0.0
20/01/2024 08:30	2.6	255	37	4.8	0.0
20/01/2024 08:40	2.6	282	45	4.6	0.0
20/01/2024 08:50	2.3	283	42	3.9	0.0
20/01/2024 09:00	2.7	296	38	4.4	0.0
20/01/2024 09:10	2.5	289	43	4.2	0.0
20/01/2024 09:20	2.8	269	41	5.1	0.0
20/01/2024 09:30	2.6	279	37	4.6	0.0
20/01/2024 09:40	2.7	297	41	5.4	0.0
20/01/2024 09:50	2.5	276	45	4.5	0.0
20/01/2024 10:00	2.7	276	38	4.6	0.0
20/01/2024 10:10	2.6	264	35	4.9	0.0
20/01/2024 10:20	3.2	252	26	5.4	0.0
20/01/2024 10:30	2.7	269	32	4.6	0.0
20/01/2024 10:40	3.3	258	24	5.2	0.0
20/01/2024 10:50	2.8	270	41	4.9	0.0
20/01/2024 11:00	2.9	286	35	5.2	0.0
20/01/2024 11:10	3.1	270	37	5.2	0.0
20/01/2024 11:20	3.2	284	44	5.5	0.0
20/01/2024 11:30	3.2	286	48	6.8	0.0
20/01/2024 11:40	3.2	317	34	5.8	0.0
20/01/2024 11:50	3.1	296	39	5.3	0.0
20/01/2024 12:00	2.9	303	42	5.1	0.0
20/01/2024 12:10	3.3	297	34	5.5	0.0
20/01/2024 12:20	3.3	320	38	5.6	0.0
20/01/2024 12:30	3.1	304	39	5.6	0.0
20/01/2024 12:40	3.6	318	30	5.7	0.0
20/01/2024 12:50	2.9	307	39	4.7	0.0
20/01/2024 13:00	3.1	309	40	5.4	0.0
20/01/2024 13:10	3.1	315	38	6.5	0.0
20/01/2024 13:20	4.3	325	24	6.7	0.0
20/01/2024 13:30	4.4	321	21	6.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 13:40	3.8	316	34	6.4	0.0
20/01/2024 13:50	3.8	319	27	7.0	0.0
20/01/2024 14:00	3.7	314	40	6.8	0.0
20/01/2024 14:10	3.5	314	42	6.1	0.0
20/01/2024 14:20	4.3	314	35	6.9	0.0
20/01/2024 14:30	4.2	312	32	7.2	0.0
20/01/2024 14:40	3.9	305	32	7.0	0.0
20/01/2024 14:50	3.3	307	37	7.0	0.0
20/01/2024 15:00	4.7	323	26	7.7	0.0
20/01/2024 15:10	4.8	322	25	7.2	0.0
20/01/2024 15:20	3.9	316	25	6.6	0.0
20/01/2024 15:30	4.2	319	26	7.2	0.0
20/01/2024 15:40	4.8	322	21	7.0	0.0
20/01/2024 15:50	4.5	321	23	7.0	0.0
20/01/2024 16:00	4.2	315	25	6.4	0.0
20/01/2024 16:10	3.5	307	38	5.8	0.0
20/01/2024 16:20	3.8	305	33	6.7	0.0
20/01/2024 16:30	4.2	322	25	7.1	0.0
20/01/2024 16:40	3.5	310	36	5.5	0.0
20/01/2024 16:50	3.7	319	28	6.5	0.0
20/01/2024 17:00	3.5	302	30	5.4	0.0
20/01/2024 17:10	3.7	311	38	6.1	0.0
20/01/2024 17:20	2.9	278	41	5.2	0.0
20/01/2024 17:30	3.6	268	29	5.4	0.0
20/01/2024 17:40	3.1	279	40	5.4	0.0
20/01/2024 17:50	3.4	261	29	6.0	0.0
20/01/2024 18:00	3.2	295	38	5.5	0.0
20/01/2024 18:10	3.3	268	29	5.6	0.0
20/01/2024 18:20	2.7	277	37	4.8	0.0
20/01/2024 18:30	2.8	292	34	4.6	0.0
20/01/2024 18:40	3.0	274	26	5.4	0.0
20/01/2024 18:50	2.7	301	39	4.5	0.0
20/01/2024 19:00	2.6	301	38	4.8	0.0
20/01/2024 19:10	2.7	289	42	4.8	0.0
20/01/2024 19:20	2.3	287	43	4.8	0.0
20/01/2024 19:30	2.6	288	41	4.9	0.0
20/01/2024 19:40	2.9	289	34	4.8	0.0
20/01/2024 19:50	2.7	276	35	4.4	0.0
20/01/2024 20:00	2.8	265	35	4.6	0.0
20/01/2024 20:10	2.7	292	39	4.8	0.0
20/01/2024 20:20	2.8	284	38	5.1	0.0
20/01/2024 20:30	2.9	289	35	4.8	0.0
20/01/2024 20:40	2.8	293	35	5.0	0.0
20/01/2024 20:50	2.6	300	32	4.7	0.0
20/01/2024 21:00	2.5	291	41	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 21:10	2.7	302	40	4.9	0.0
20/01/2024 21:20	2.7	289	35	4.4	0.0
20/01/2024 21:30	2.3	280	42	4.8	0.0
20/01/2024 21:40	3.0	312	33	5.9	0.0
20/01/2024 21:50	2.9	308	33	5.0	0.0
20/01/2024 22:00	2.5	287	53	4.4	0.0
20/01/2024 22:10	2.4	278	38	4.3	0.0
20/01/2024 22:20	2.4	282	36	4.3	0.0
20/01/2024 22:30	1.9	295	42	3.6	0.0
20/01/2024 22:40	2.4	273	37	4.4	0.0
20/01/2024 22:50	2.1	260	40	4.2	0.0
20/01/2024 23:00	2.1	268	44	4.2	0.0
20/01/2024 23:10	2.5	277	41	4.7	0.0
20/01/2024 23:20	2.2	269	41	4.6	0.0
20/01/2024 23:30	2.2	281	43	4.3	0.0
20/01/2024 23:40	2.5	270	38	4.3	0.0
20/01/2024 23:50	2.3	276	47	4.2	0.0
21/01/2024 00:00	2.5	280	44	4.0	0.0
21/01/2024 00:10	2.3	271	40	4.3	0.0
21/01/2024 00:20	2.6	274	42	4.4	0.0
21/01/2024 00:30	2.6	282	38	4.9	0.0
21/01/2024 00:40	2.4	287	47	5.0	0.0
21/01/2024 00:50	2.4	278	45	5.2	0.0
21/01/2024 01:00	2.5	276	40	4.7	0.0
21/01/2024 01:10	2.8	265	33	5.3	0.0
21/01/2024 01:20	2.4	277	30	4.1	0.0
21/01/2024 01:30	2.7	283	30	4.8	0.0
21/01/2024 01:40	2.7	278	35	4.2	0.0
21/01/2024 01:50	2.4	276	31	4.2	0.0
21/01/2024 02:00	2.4	283	35	4.0	0.0
21/01/2024 02:10	2.2	278	41	4.0	0.0
21/01/2024 02:20	2.1	284	38	3.7	0.0
21/01/2024 02:30	1.9	274	47	3.6	0.0
21/01/2024 02:40	1.8	281	39	3.2	0.0
21/01/2024 02:50	1.8	285	42	2.9	0.0
21/01/2024 03:00	1.8	295	40	3.4	0.0
21/01/2024 03:10	1.7	288	49	3.2	0.0
21/01/2024 03:20	1.9	276	34	3.6	0.0
21/01/2024 03:30	2.0	264	29	3.2	0.0
21/01/2024 03:40	1.9	279	34	3.1	0.0
21/01/2024 03:50	2.3	268	31	3.9	0.0
21/01/2024 04:00	1.9	276	38	3.2	0.0
21/01/2024 04:10	2.0	282	40	4.0	0.0
21/01/2024 04:20	1.9	273	33	3.6	0.0
21/01/2024 04:30	2.2	261	25	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 04:40	1.8	250	33	2.8	0.0
21/01/2024 04:50	2.2	251	20	3.4	0.0
21/01/2024 05:00	1.9	251	19	3.2	0.0
21/01/2024 05:10	1.9	256	17	2.6	0.0
21/01/2024 05:20	2.3	261	19	3.9	0.0
21/01/2024 05:30	2.1	251	17	3.1	0.0
21/01/2024 05:40	2.0	248	19	3.2	0.0
21/01/2024 05:50	1.3	249	22	2.0	0.0
21/01/2024 06:00	1.2	263	23	1.9	0.0
21/01/2024 06:10	0.9	268	24	1.7	0.0
21/01/2024 06:20	0.9	267	19	1.8	0.0
21/01/2024 06:30	0.9	248	23	1.5	0.0
21/01/2024 06:40	0.2	305	9	1.0	0.0
21/01/2024 06:50	0.2	315	17	1.0	0.0
21/01/2024 07:00	0.5	4	13	1.6	0.0
21/01/2024 07:10	0.7	340	20	1.4	0.0
21/01/2024 07:20	0.6	310	17	1.6	0.0
21/01/2024 07:30	0.8	307	26	1.6	0.0
21/01/2024 07:40	1.0	279	43	1.7	0.0
21/01/2024 07:50	0.8	296	35	1.6	0.0
21/01/2024 08:00	1.0	267	38	1.9	0.0
21/01/2024 08:10	1.2	271	34	2.1	0.0
21/01/2024 08:20	0.8	105	32	1.4	0.0
21/01/2024 08:30	0.5	317	21	1.5	0.0
21/01/2024 08:40	0.8	53	29	1.7	0.0
21/01/2024 08:50	1.2	201	34	2.4	0.0
21/01/2024 09:00	1.7	126	29	2.4	0.0
21/01/2024 09:10	1.9	123	29	3.3	0.0
21/01/2024 09:20	1.9	129	29	3.0	0.0
21/01/2024 09:30	1.7	67	33	3.0	0.0
21/01/2024 09:40	1.9	82	30	3.3	0.0
21/01/2024 09:50	2.1	87	28	3.1	0.0
21/01/2024 10:00	1.8	68	30	3.2	0.0
21/01/2024 10:10	2.3	57	23	3.6	0.0
21/01/2024 10:20	2.4	76	23	4.0	0.0
21/01/2024 10:30	2.2	77	32	3.8	0.0
21/01/2024 10:40	2.5	73	21	4.0	0.0
21/01/2024 10:50	2.5	89	24	3.9	0.0
21/01/2024 11:00	2.3	76	28	3.7	0.0
21/01/2024 11:10	2.1	66	28	3.4	0.0
21/01/2024 11:20	2.5	47	32	4.3	0.0
21/01/2024 11:30	1.9	356	33	3.3	0.0
21/01/2024 11:40	2.3	350	29	3.7	0.0
21/01/2024 11:50	2.1	174	32	3.1	0.0
21/01/2024 12:00	1.9	11	37	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 12:10	2.3	10	33	3.8	0.0
21/01/2024 12:20	2.4	8	33	3.9	0.0
21/01/2024 12:30	2.2	18	36	3.6	0.0
21/01/2024 12:40	2.2	176	32	3.6	0.0
21/01/2024 12:50	2.3	9	35	3.9	0.0
21/01/2024 13:00	2.7	2	28	4.5	0.0
21/01/2024 13:10	2.4	5	35	3.6	0.0
21/01/2024 13:20	2.3	167	33	3.9	0.0
21/01/2024 13:30	2.7	354	33	3.9	0.0
21/01/2024 13:40	2.7	183	31	3.8	0.0
21/01/2024 13:50	2.9	6	27	4.3	0.0
21/01/2024 14:00	2.8	12	34	4.7	0.0
21/01/2024 14:10	3.1	5	25	4.9	0.0
21/01/2024 14:20	2.7	14	28	4.4	0.0
21/01/2024 14:30	2.6	180	29	4.5	0.0
21/01/2024 14:40	3.0	7	27	4.7	0.0
21/01/2024 14:50	2.6	179	28	4.5	0.0
21/01/2024 15:00	2.9	180	30	4.9	0.0
21/01/2024 15:10	3.0	181	29	5.1	0.0
21/01/2024 15:20	2.9	357	31	4.6	0.0
21/01/2024 15:30	3.0	344	33	5.0	0.0
21/01/2024 15:40	3.6	338	22	5.4	0.0
21/01/2024 15:50	2.9	325	28	4.8	0.0
21/01/2024 16:00	2.7	321	37	4.5	0.0
21/01/2024 16:10	2.8	322	43	4.4	0.0
21/01/2024 16:20	2.5	347	37	4.1	0.0
21/01/2024 16:30	2.4	333	45	3.7	0.0
21/01/2024 16:40	2.6	336	35	4.6	0.0
21/01/2024 16:50	2.6	318	31	4.0	0.0
21/01/2024 17:00	2.4	333	34	4.3	0.0
21/01/2024 17:10	2.6	316	34	3.9	0.0
21/01/2024 17:20	2.7	329	34	4.8	0.0
21/01/2024 17:30	2.5	333	51	5.5	0.0
21/01/2024 17:40	2.8	326	36	4.8	0.0
21/01/2024 17:50	2.4	307	50	4.4	0.0
21/01/2024 18:00	2.2	331	40	3.9	0.0
21/01/2024 18:10	2.6	311	33	4.3	0.0
21/01/2024 18:20	2.7	320	32	4.2	0.0
21/01/2024 18:30	2.4	316	36	3.8	0.0
21/01/2024 18:40	1.9	310	38	3.4	0.0
21/01/2024 18:50	1.9	315	45	3.9	0.0
21/01/2024 19:00	2.2	324	39	3.7	0.0
21/01/2024 19:10	2.3	276	44	3.6	0.0
21/01/2024 19:20	2.1	288	47	4.0	0.0
21/01/2024 19:30	2.4	314	36	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 19:40	1.7	279	46	3.2	0.0
21/01/2024 19:50	2.2	312	37	3.8	0.0
21/01/2024 20:00	1.9	311	44	3.3	0.0
21/01/2024 20:10	1.5	269	50	2.6	0.0
21/01/2024 20:20	0.9	327	30	2.0	0.0
21/01/2024 20:30	1.1	319	34	2.0	0.0
21/01/2024 20:40	1.0	295	35	1.9	0.0
21/01/2024 20:50	1.4	183	30	2.4	0.0
21/01/2024 21:00	1.6	21	32	2.6	0.0
21/01/2024 21:10	1.8	25	32	2.9	0.0
21/01/2024 21:20	2.1	347	30	3.2	0.0
21/01/2024 21:30	2.0	304	47	3.6	0.0
21/01/2024 21:40	1.0	170	44	2.2	0.0
21/01/2024 21:50	1.6	174	39	2.7	0.0
21/01/2024 22:00	2.1	350	30	3.4	0.0
21/01/2024 22:10	2.8	333	20	4.2	0.0
21/01/2024 22:20	2.7	341	20	4.1	0.0
21/01/2024 22:30	2.7	336	26	4.2	0.0
21/01/2024 22:40	3.5	323	25	5.8	0.0
21/01/2024 22:50	3.0	324	29	5.6	0.0
21/01/2024 23:00	2.3	302	45	4.1	0.0
21/01/2024 23:10	2.6	305	43	5.1	0.0
21/01/2024 23:20	2.5	250	38	4.4	0.0
21/01/2024 23:30	2.2	289	54	4.6	0.0
21/01/2024 23:40	1.9	268	56	3.2	0.0
21/01/2024 23:50	2.1	257	42	4.6	0.0
22/01/2024 00:00	1.7	264	46	3.3	0.0
22/01/2024 00:10	1.6	279	41	3.2	0.0
22/01/2024 00:20	1.8	282	46	3.6	0.0
22/01/2024 00:30	1.7	316	31	2.9	0.0
22/01/2024 00:40	1.6	281	48	3.1	0.0
22/01/2024 00:50	1.2	309	44	2.3	0.0
22/01/2024 01:00	1.4	281	45	2.7	0.0
22/01/2024 01:10	1.4	315	48	3.2	0.0
22/01/2024 01:20	1.3	280	51	2.6	0.0
22/01/2024 01:30	1.6	293	43	2.7	0.0
22/01/2024 01:40	1.8	310	35	3.2	0.0
22/01/2024 01:50	2.0	291	36	3.1	0.0
22/01/2024 02:00	1.6	262	46	3.3	0.0
22/01/2024 02:10	1.3	282	49	3.0	0.0
22/01/2024 02:20	1.4	177	50	2.6	0.0
22/01/2024 02:30	1.1	24	39	2.3	0.0
22/01/2024 02:40	1.0	212	51	2.1	0.0
22/01/2024 02:50	1.1	359	41	2.0	0.0
22/01/2024 03:00	1.0	175	39	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 03:10	0.8	29	29	1.8	0.0
22/01/2024 03:20	0.6	171	32	1.9	0.0
22/01/2024 03:30	0.4	184	16	1.5	0.0
22/01/2024 03:40	0.7	23	28	1.3	0.0
22/01/2024 03:50	0.7	30	24	1.4	0.0
22/01/2024 04:00	0.8	16	30	1.9	0.0
22/01/2024 04:10	1.2	45	20	1.8	0.0
22/01/2024 04:20	1.2	50	17	2.0	0.0
22/01/2024 04:30	1.1	47	18	1.8	0.0
22/01/2024 04:40	1.2	45	26	2.0	0.0
22/01/2024 04:50	1.2	54	18	1.8	0.0
22/01/2024 05:00	1.1	74	19	2.0	0.0
22/01/2024 05:10	1.5	78	16	2.3	0.0
22/01/2024 05:20	1.3	53	17	2.1	0.0
22/01/2024 05:30	1.4	72	18	2.0	0.0
22/01/2024 05:40	1.6	72	21	2.5	0.0
22/01/2024 05:50	1.7	78	22	2.8	0.0
22/01/2024 06:00	1.6	80	18	3.0	0.0
22/01/2024 06:10	1.6	81	20	2.8	0.0
22/01/2024 06:20	1.9	62	19	2.8	0.0
22/01/2024 06:30	2.4	56	17	3.6	0.0
22/01/2024 06:40	2.6	62	17	4.1	0.0
22/01/2024 06:50	2.3	57	20	3.2	0.0
22/01/2024 07:00	2.4	61	18	3.7	0.0
22/01/2024 07:10	2.4	58	20	4.1	0.0
22/01/2024 07:20	2.6	50	19	4.4	0.0
22/01/2024 07:30	2.7	48	19	4.8	0.0
22/01/2024 07:40	2.7	66	19	4.3	0.0
22/01/2024 07:50	2.4	61	18	4.0	0.0
22/01/2024 08:00	2.5	48	22	4.1	0.0
22/01/2024 08:10	2.9	41	22	5.0	0.0
22/01/2024 08:20	2.5	49	23	4.3	0.0
22/01/2024 08:30	3.0	68	19	4.3	0.0
22/01/2024 08:40	3.5	71	20	5.4	0.0
22/01/2024 08:50	3.2	60	21	5.2	0.0
22/01/2024 09:00	3.3	64	20	5.0	0.0
22/01/2024 09:10	3.6	57	19	6.1	0.0
22/01/2024 09:20	3.3	52	20	5.7	0.0
22/01/2024 09:30	3.5	51	19	5.7	0.0
22/01/2024 09:40	3.2	31	24	4.9	0.0
22/01/2024 09:50	3.4	8	25	5.7	0.0
22/01/2024 10:00	2.7	13	39	5.2	0.0
22/01/2024 10:10	2.7	17	31	4.8	0.0
22/01/2024 10:20	2.7	39	26	4.4	0.0
22/01/2024 10:30	2.7	27	30	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 10:40	2.9	6	34	5.2	0.0
22/01/2024 10:50	2.8	357	34	4.8	0.0
22/01/2024 11:00	2.9	183	29	5.2	0.0
22/01/2024 11:10	3.0	182	27	4.8	0.0
22/01/2024 11:20	2.8	354	32	4.4	0.0
22/01/2024 11:30	2.9	178	32	4.8	0.0
22/01/2024 11:40	3.1	13	31	4.8	0.0
22/01/2024 11:50	3.1	7	34	5.3	0.0
22/01/2024 12:00	2.8	13	35	4.8	0.0
22/01/2024 12:10	3.0	10	34	4.7	0.0
22/01/2024 12:20	3.2	16	24	5.0	0.0
22/01/2024 12:30	3.1	21	26	5.0	0.0
22/01/2024 12:40	2.8	23	31	4.6	0.0
22/01/2024 12:50	2.9	16	29	4.5	0.0
22/01/2024 13:00	2.8	14	30	4.8	0.0
22/01/2024 13:10	3.0	17	28	4.9	0.0
22/01/2024 13:20	3.2	17	31	5.4	0.0
22/01/2024 13:30	2.5	183	44	5.0	0.0
22/01/2024 13:40	3.0	338	36	5.0	0.0
22/01/2024 13:50	3.2	329	32	6.1	0.0
22/01/2024 14:00	3.3	326	32	5.5	0.0
22/01/2024 14:10	3.1	319	30	4.8	0.0
22/01/2024 14:20	2.9	329	37	4.4	0.0
22/01/2024 14:30	2.9	338	33	5.1	0.0
22/01/2024 14:40	2.8	28	31	4.4	0.0
22/01/2024 14:50	2.8	21	33	4.7	0.0
22/01/2024 15:00	2.8	11	29	4.5	0.0
22/01/2024 15:10	3.0	345	27	5.2	0.0
22/01/2024 15:20	2.9	329	34	5.4	0.0
22/01/2024 15:30	2.8	355	38	4.8	0.0
22/01/2024 15:40	2.4	12	43	4.2	0.0
22/01/2024 15:50	2.7	178	30	4.5	0.0
22/01/2024 16:00	2.5	28	28	4.3	0.0
22/01/2024 16:10	2.6	19	34	4.7	0.0
22/01/2024 16:20	2.9	349	31	5.0	0.0
22/01/2024 16:30	2.8	334	27	4.8	0.0
22/01/2024 16:40	3.3	324	30	5.2	0.0
22/01/2024 16:50	3.1	331	34	6.0	0.0
22/01/2024 17:00	3.1	340	31	5.2	0.0
22/01/2024 17:10	3.1	316	26	5.0	0.0
22/01/2024 17:20	2.3	322	46	4.2	0.0
22/01/2024 17:30	2.0	320	41	3.6	0.0
22/01/2024 17:40	2.1	321	41	3.4	0.0
22/01/2024 17:50	2.0	317	38	3.8	0.0
22/01/2024 18:00	1.9	304	37	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 18:10	1.5	298	51	2.8	0.0
22/01/2024 18:20	1.9	253	36	2.8	0.0
22/01/2024 18:30	1.9	243	23	2.8	0.0
22/01/2024 18:40	1.8	250	21	2.8	0.0
22/01/2024 18:50	1.6	283	41	2.6	0.0
22/01/2024 19:00	1.4	214	39	2.3	0.0
22/01/2024 19:10	1.5	217	24	2.4	0.0
22/01/2024 19:20	0.2	135	25	0.8	0.0
22/01/2024 19:30	0.6	276	24	1.3	0.0
22/01/2024 19:40	1.7	340	32	2.5	0.0
22/01/2024 19:50	2.3	331	26	4.0	0.0
22/01/2024 20:00	2.9	341	27	4.9	0.0
22/01/2024 20:10	2.7	329	24	4.2	0.0
22/01/2024 20:20	2.9	322	21	4.6	0.0
22/01/2024 20:30	1.9	181	37	3.4	0.0
22/01/2024 20:40	2.2	327	23	3.7	0.0
22/01/2024 20:50	1.6	280	63	2.7	0.0
22/01/2024 21:00	1.7	258	48	3.2	0.0
22/01/2024 21:10	2.0	248	28	3.5	0.0
22/01/2024 21:20	2.7	258	20	4.0	0.0
22/01/2024 21:30	2.3	259	24	4.2	0.0
22/01/2024 21:40	2.0	257	30	3.2	0.0
22/01/2024 21:50	2.9	250	17	4.1	0.0
22/01/2024 22:00	3.3	247	15	4.8	0.0
22/01/2024 22:10	2.4	251	18	3.7	0.0
22/01/2024 22:20	1.2	250	39	2.2	0.0
22/01/2024 22:30	1.4	309	48	2.8	0.0
22/01/2024 22:40	1.1	323	58	2.5	0.0
22/01/2024 22:50	1.7	286	38	2.8	0.0
22/01/2024 23:00	1.6	262	31	2.4	0.0
22/01/2024 23:10	1.2	292	42	2.8	0.0
22/01/2024 23:20	1.8	324	29	3.1	0.0
22/01/2024 23:30	1.8	306	37	3.0	0.0
22/01/2024 23:40	2.0	237	25	3.2	0.0
22/01/2024 23:50	1.8	238	23	2.7	0.0
23/01/2024 00:00	1.6	242	17	2.3	0.0
23/01/2024 00:10	1.9	234	13	2.9	0.0
23/01/2024 00:20	1.3	269	22	2.0	0.0
23/01/2024 00:30	1.0	274	35	1.6	0.0
23/01/2024 00:40	1.4	259	32	2.0	0.0
23/01/2024 00:50	1.4	342	30	2.7	0.0
23/01/2024 01:00	1.4	339	43	2.6	0.0
23/01/2024 01:10	1.5	316	33	3.1	0.0
23/01/2024 01:20	1.8	328	38	4.0	0.0
23/01/2024 01:30	2.5	318	31	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 01:40	2.6	341	31	4.3	0.0
23/01/2024 01:50	3.3	342	26	5.1	0.0
23/01/2024 02:00	3.0	292	29	5.6	0.0
23/01/2024 02:10	2.0	271	35	3.2	0.0
23/01/2024 02:20	1.8	290	46	4.0	0.0
23/01/2024 02:30	2.5	303	39	4.4	0.0
23/01/2024 02:40	2.1	266	37	3.3	0.0
23/01/2024 02:50	2.6	258	27	4.5	0.0
23/01/2024 03:00	2.6	267	28	4.6	0.0
23/01/2024 03:10	1.4	274	47	2.6	0.0
23/01/2024 03:20	1.8	314	45	3.4	0.0
23/01/2024 03:30	1.5	263	62	2.7	0.0
23/01/2024 03:40	1.7	279	68	3.2	0.0
23/01/2024 03:50	2.2	256	33	3.8	0.0
23/01/2024 04:00	1.6	261	40	2.7	0.0
23/01/2024 04:10	2.1	245	29	3.6	0.0
23/01/2024 04:20	2.5	255	28	4.6	0.0
23/01/2024 04:30	2.3	257	26	3.9	0.0
23/01/2024 04:40	1.8	252	22	3.1	0.0
23/01/2024 04:50	1.4	259	35	2.8	0.0
23/01/2024 05:00	1.2	251	47	2.4	0.0
23/01/2024 05:10	1.6	235	32	2.6	0.0
23/01/2024 05:20	1.6	243	38	3.0	0.0
23/01/2024 05:30	1.2	235	42	2.4	0.0
23/01/2024 05:40	1.2	224	39	2.2	0.0
23/01/2024 05:50	0.8	277	54	1.7	0.0
23/01/2024 06:00	1.1	315	23	1.8	0.0
23/01/2024 06:10	0.9	160	28	1.6	0.0
23/01/2024 06:20	0.3	302	27	1.0	0.0
23/01/2024 06:30	0.7	299	35	1.5	0.0
23/01/2024 06:40	1.1	340	25	2.0	0.0
23/01/2024 06:50	1.7	20	23	2.9	0.0
23/01/2024 07:00	1.5	30	21	2.4	0.0
23/01/2024 07:10	0.9	26	26	1.7	0.0
23/01/2024 07:20	1.2	314	51	2.1	0.0
23/01/2024 07:30	1.3	323	44	2.4	0.0
23/01/2024 07:40	2.1	335	32	3.5	0.0
23/01/2024 07:50	2.1	332	39	3.2	0.0
23/01/2024 08:00	1.8	325	39	3.6	0.0
23/01/2024 08:10	2.0	317	35	3.5	0.0
23/01/2024 08:20	2.1	323	21	3.6	0.0
23/01/2024 08:30	2.2	342	25	3.5	0.0
23/01/2024 08:40	1.8	326	32	2.8	0.0
23/01/2024 08:50	1.7	330	34	3.1	0.0
23/01/2024 09:00	1.6	333	42	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 09:10	1.3	283	45	2.2	0.0
23/01/2024 09:20	1.3	256	46	2.5	0.0
23/01/2024 09:30	1.8	171	36	3.4	0.0
23/01/2024 09:40	2.1	152	29	3.3	0.0
23/01/2024 09:50	2.1	139	30	3.3	0.0
23/01/2024 10:00	2.1	141	25	3.4	0.0
23/01/2024 10:10	2.1	119	28	3.7	0.0
23/01/2024 10:20	1.8	136	34	3.1	0.0
23/01/2024 10:30	1.6	98	41	2.8	0.0
23/01/2024 10:40	1.1	97	57	2.6	0.0
23/01/2024 10:50	1.6	122	40	2.9	0.0
23/01/2024 11:00	1.7	137	34	3.0	0.0
23/01/2024 11:10	1.8	160	31	3.3	0.0
23/01/2024 11:20	1.9	106	44	3.4	0.0
23/01/2024 11:30	2.0	104	31	3.2	0.0
23/01/2024 11:40	2.5	81	24	3.9	0.0
23/01/2024 11:50	2.8	84	19	4.1	0.0
23/01/2024 12:00	2.9	78	21	4.1	0.0
23/01/2024 12:10	3.4	64	23	5.0	0.0
23/01/2024 12:20	3.5	68	18	5.2	0.0
23/01/2024 12:30	3.4	60	22	5.2	0.0
23/01/2024 12:40	4.0	58	21	6.0	0.0
23/01/2024 12:50	3.6	68	19	5.5	0.0
23/01/2024 13:00	3.7	64	23	5.6	0.0
23/01/2024 13:10	3.7	63	21	5.9	0.0
23/01/2024 13:20	3.9	62	19	6.0	0.0
23/01/2024 13:30	3.9	57	21	6.0	0.0
23/01/2024 13:40	3.8	59	19	5.6	0.0
23/01/2024 13:50	3.7	63	19	5.5	0.0
23/01/2024 14:00	4.2	62	16	6.2	0.0
23/01/2024 14:10	3.9	55	20	6.0	0.0
23/01/2024 14:20	3.7	51	19	5.6	0.0
23/01/2024 14:30	3.5	64	17	5.0	0.0
23/01/2024 14:40	4.2	52	17	6.0	0.0
23/01/2024 14:50	3.5	51	19	5.4	0.0
23/01/2024 15:00	2.8	58	20	5.3	0.0
23/01/2024 15:10	3.0	63	19	4.3	0.0
23/01/2024 15:20	2.6	55	23	4.0	0.0
23/01/2024 15:30	1.8	350	52	3.2	0.0
23/01/2024 15:40	2.5	310	40	4.6	0.0
23/01/2024 15:50	2.6	329	32	4.5	0.0
23/01/2024 16:00	2.6	323	34	4.1	0.0
23/01/2024 16:10	3.1	331	29	4.9	0.0
23/01/2024 16:20	3.1	331	28	5.6	0.0
23/01/2024 16:30	3.1	336	26	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 16:40	3.5	348	29	5.3	0.0
23/01/2024 16:50	3.4	2	28	5.1	0.0
23/01/2024 17:00	3.0	172	27	4.8	0.0
23/01/2024 17:10	2.5	171	32	4.4	0.0
23/01/2024 17:20	2.1	12	32	4.0	0.0
23/01/2024 17:30	1.9	38	32	3.0	0.0
23/01/2024 17:40	3.0	68	20	4.9	0.0
23/01/2024 17:50	3.3	51	19	5.2	0.0
23/01/2024 18:00	3.3	48	19	5.5	0.0
23/01/2024 18:10	2.8	56	16	4.0	0.0
23/01/2024 18:20	3.5	87	27	6.3	0.0
23/01/2024 18:30	3.1	69	19	5.5	0.0
23/01/2024 18:40	3.2	61	20	5.5	0.0
23/01/2024 18:50	3.0	64	23	4.8	0.0
23/01/2024 19:00	3.3	53	17	5.1	0.0
23/01/2024 19:10	3.9	41	20	5.4	0.0
23/01/2024 19:20	3.7	41	18	5.4	0.0
23/01/2024 19:30	3.1	43	20	4.7	0.0
23/01/2024 19:40	3.5	32	21	5.2	0.0
23/01/2024 19:50	2.8	30	21	5.1	0.0
23/01/2024 20:00	2.8	34	21	4.7	0.0
23/01/2024 20:10	2.7	28	26	4.7	0.0
23/01/2024 20:20	2.6	13	27	4.4	0.0
23/01/2024 20:30	2.7	15	25	4.0	0.0
23/01/2024 20:40	2.1	185	37	3.2	0.0
23/01/2024 20:50	1.5	332	33	2.4	0.0
23/01/2024 21:00	1.3	163	35	2.4	0.0
23/01/2024 21:10	1.0	328	22	1.7	0.0
23/01/2024 21:20	1.7	15	26	2.7	0.0
23/01/2024 21:30	2.5	15	24	4.0	0.0
23/01/2024 21:40	2.0	7	31	3.2	0.0
23/01/2024 21:50	2.1	28	29	3.5	0.0
23/01/2024 22:00	2.0	348	41	4.0	0.0
23/01/2024 22:10	3.1	336	27	5.7	0.0
23/01/2024 22:20	3.0	340	34	5.6	0.0
23/01/2024 22:30	1.8	350	50	3.9	0.0
23/01/2024 22:40	1.5	264	44	2.8	0.0
23/01/2024 22:50	1.1	288	56	2.3	0.0
23/01/2024 23:00	1.0	251	43	1.8	0.0
23/01/2024 23:10	1.6	284	32	2.9	0.0
23/01/2024 23:20	1.6	271	49	3.5	0.0
23/01/2024 23:30	1.3	260	38	2.7	0.0
23/01/2024 23:40	1.2	267	39	2.4	0.0
23/01/2024 23:50	1.7	275	35	2.9	0.0
24/01/2024 00:00	1.0	215	63	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 00:10	1.2	210	34	2.0	0.0
24/01/2024 00:20	1.9	198	14	2.7	0.0
24/01/2024 00:30	1.2	141	25	2.2	0.0
24/01/2024 00:40	1.6	82	18	2.8	0.0
24/01/2024 00:50	1.5	95	24	2.4	0.0
24/01/2024 01:00	1.3	87	24	2.0	0.0
24/01/2024 01:10	1.0	54	19	1.6	0.0
24/01/2024 01:20	1.1	53	16	1.7	0.0
24/01/2024 01:30	1.0	40	20	1.8	0.0
24/01/2024 01:40	0.7	32	17	1.2	0.0
24/01/2024 01:50	0.5	353	17	1.2	0.0
24/01/2024 02:00	0.3	74	14	0.8	0.0
24/01/2024 02:10					0.0
24/01/2024 02:20					0.0
24/01/2024 02:30	0.1	40	7	0.8	0.0
24/01/2024 02:40	0.4	51	15	0.9	0.0
24/01/2024 02:50	0.5	198	20	1.2	0.0
24/01/2024 03:00	0.5	6	27	1.1	0.0
24/01/2024 03:10	0.4	183	19	1.3	0.0
24/01/2024 03:20	0.5	181	24	1.3	0.0
24/01/2024 03:30	0.4	337	16	0.9	0.0
24/01/2024 03:40	0.3	44	21	0.9	0.0
24/01/2024 03:50	0.3	52	8	0.8	0.0
24/01/2024 04:00	0.2	57	8	1.1	0.0
24/01/2024 04:10	0.3	73	11	1.1	0.0
24/01/2024 04:20	0.5	58	13	1.2	0.0
24/01/2024 04:30	0.9	58	17	1.7	0.0
24/01/2024 04:40	0.9	55	16	1.5	0.0
24/01/2024 04:50	0.9	58	14	1.4	0.0
24/01/2024 05:00	0.6	70	15	1.4	0.0
24/01/2024 05:10	1.1	74	17	2.1	0.0
24/01/2024 05:20	0.9	67	19	1.6	0.0
24/01/2024 05:30	1.3	68	19	2.2	0.0
24/01/2024 05:40	0.8	72	18	1.7	0.0
24/01/2024 05:50	1.1	54	18	1.8	0.0
24/01/2024 06:00	1.3	51	18	1.9	0.0
24/01/2024 06:10	1.1	48	15	1.7	0.0
24/01/2024 06:20	0.9	53	17	1.6	0.0
24/01/2024 06:30	1.0	54	15	1.6	0.0
24/01/2024 06:40	0.9	79	20	1.6	0.0
24/01/2024 06:50	0.9	89	15	1.3	0.0
24/01/2024 07:00	1.0	61	16	1.6	0.0
24/01/2024 07:10	1.2	68	24	1.7	0.0
24/01/2024 07:20	0.9	90	26	1.5	0.0
24/01/2024 07:30	0.9	100	26	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 07:40	1.1	105	27	1.8	0.0
24/01/2024 07:50	1.2	100	32	1.9	0.0
24/01/2024 08:00	1.4	99	30	2.7	0.0
24/01/2024 08:10	1.8	91	25	3.0	0.0
24/01/2024 08:20	1.7	87	23	2.6	0.0
24/01/2024 08:30	1.6	97	32	3.2	0.0
24/01/2024 08:40	1.7	100	32	3.0	0.0
24/01/2024 08:50	1.7	88	28	2.9	0.0
24/01/2024 09:00	2.0	90	29	3.6	0.0
24/01/2024 09:10	2.1	74	26	3.2	0.0
24/01/2024 09:20	2.2	76	25	3.6	0.0
24/01/2024 09:30	2.2	82	27	3.5	0.0
24/01/2024 09:40	2.2	84	22	3.5	0.0
24/01/2024 09:50	2.1	94	23	3.5	0.0
24/01/2024 10:00	2.0	80	24	3.8	0.0
24/01/2024 10:10	1.9	84	28	3.0	0.0
24/01/2024 10:20	2.1	62	27	3.6	0.0
24/01/2024 10:30	2.1	62	24	3.4	0.0
24/01/2024 10:40	2.3	54	23	3.9	0.0
24/01/2024 10:50	2.6	67	23	4.3	0.0
24/01/2024 11:00	2.6	64	23	4.0	0.0
24/01/2024 11:10	2.7	63	21	4.3	0.0
24/01/2024 11:20	2.9	55	22	4.4	0.0
24/01/2024 11:30	2.7	67	21	3.8	0.0
24/01/2024 11:40	2.9	66	22	4.5	0.0
24/01/2024 11:50	2.9	53	20	4.4	0.0
24/01/2024 12:00	2.7	68	21	3.9	0.0
24/01/2024 12:10	2.9	59	21	4.4	0.0
24/01/2024 12:20	3.0	68	19	4.6	0.0
24/01/2024 12:30	2.8	68	21	4.6	0.0
24/01/2024 12:40	2.9	75	20	4.8	0.0
24/01/2024 12:50	3.0	70	20	4.8	0.0
24/01/2024 13:00	3.1	73	20	4.4	0.0
24/01/2024 13:10	3.0	63	22	4.4	0.0
24/01/2024 13:20	3.2	67	22	4.9	0.0
24/01/2024 13:30	3.1	62	21	4.6	0.0
24/01/2024 13:40	3.2	61	22	4.7	0.0
24/01/2024 13:50	3.2	67	18	5.7	0.0
24/01/2024 14:00	3.3	69	19	5.2	0.0
24/01/2024 14:10	3.4	58	19	4.8	0.0
24/01/2024 14:20	3.4	62	20	5.0	0.0
24/01/2024 14:30	3.5	61	20	5.1	0.0
24/01/2024 14:40	3.8	55	21	5.6	0.0
24/01/2024 14:50	3.7	67	18	5.7	0.0
24/01/2024 15:00	3.9	52	20	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 15:10	3.8	40	23	5.7	0.0
24/01/2024 15:20	3.6	42	24	6.1	0.0
24/01/2024 15:30	3.7	16	26	6.0	0.0
24/01/2024 15:40	3.9	18	25	6.4	0.0
24/01/2024 15:50	3.6	21	32	5.6	0.0
24/01/2024 16:00	4.0	19	25	6.2	0.0
24/01/2024 16:10	3.7	15	25	5.8	0.0
24/01/2024 16:20	3.4	13	30	5.1	0.0
24/01/2024 16:30	3.5	14	30	6.2	0.0
24/01/2024 16:40	3.4	17	27	5.6	0.0
24/01/2024 16:50	3.4	15	27	6.0	0.0
24/01/2024 17:00	3.2	14	32	5.6	0.0
24/01/2024 17:10	3.3	13	29	5.5	0.0
24/01/2024 17:20	3.8	17	26	6.0	0.0
24/01/2024 17:30	3.0	11	33	5.3	0.0
24/01/2024 17:40	2.9	7	35	5.0	0.0
24/01/2024 17:50	3.0	348	29	4.9	0.0
24/01/2024 18:00	3.3	339	28	5.9	0.0
24/01/2024 18:10	3.5	331	28	6.4	0.0
24/01/2024 18:20	3.3	335	30	5.6	0.0
24/01/2024 18:30	3.7	337	31	6.4	0.0
24/01/2024 18:40	3.7	324	29	6.1	0.0
24/01/2024 18:50	3.3	329	34	6.0	0.0
24/01/2024 19:00	2.9	321	33	5.3	0.0
24/01/2024 19:10	3.1	309	36	6.0	0.0
24/01/2024 19:20	3.2	318	33	5.5	0.0
24/01/2024 19:30	2.9	323	39	5.2	0.0
24/01/2024 19:40	3.3	323	27	5.6	0.0
24/01/2024 19:50	3.3	322	28	5.6	0.0
24/01/2024 20:00	2.8	319	35	4.9	0.0
24/01/2024 20:10	3.4	313	28	5.9	0.0
24/01/2024 20:20	2.6	301	41	4.8	0.0
24/01/2024 20:30	2.4	291	41	4.0	0.0
24/01/2024 20:40	2.3	270	34	3.9	0.0
24/01/2024 20:50	2.7	265	32	5.0	0.0
24/01/2024 21:00	2.2	263	35	3.7	0.0
24/01/2024 21:10	2.3	277	35	3.9	0.0
24/01/2024 21:20	2.1	245	36	3.4	0.0
24/01/2024 21:30	2.7	234	17	4.0	0.0
24/01/2024 21:40	2.6	241	18	3.7	0.0
24/01/2024 21:50	2.8	250	15	4.1	0.0
24/01/2024 22:00	2.2	268	30	3.6	0.0
24/01/2024 22:10	1.9	302	33	3.2	0.0
24/01/2024 22:20	1.7	254	25	3.0	0.0
24/01/2024 22:30	1.2	279	43	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 22:40	2.0	317	30	3.7	0.0
24/01/2024 22:50	2.0	325	28	3.6	0.0
24/01/2024 23:00	2.1	329	30	3.9	0.0
24/01/2024 23:10	2.4	332	29	4.1	0.0
24/01/2024 23:20	2.3	319	35	4.4	0.0
24/01/2024 23:30	2.3	318	31	4.6	0.0
24/01/2024 23:40	2.8	318	28	5.0	0.0
24/01/2024 23:50	2.0	291	53	4.0	0.0
25/01/2024 00:00	1.8	310	38	3.2	0.0
25/01/2024 00:10	1.7	314	37	3.1	0.0
25/01/2024 00:20	1.9	308	32	3.5	0.0
25/01/2024 00:30	2.4	322	28	4.2	0.0
25/01/2024 00:40	1.8	325	40	3.5	0.0
25/01/2024 00:50	1.7	305	34	3.4	0.0
25/01/2024 01:00	1.9	309	38	3.2	0.0
25/01/2024 01:10	2.3	318	30	3.7	0.0
25/01/2024 01:20	1.5	322	36	2.7	0.0
25/01/2024 01:30	2.0	313	40	3.2	0.0
25/01/2024 01:40	1.4	278	43	2.5	0.0
25/01/2024 01:50	1.8	303	32	3.1	0.0
25/01/2024 02:00	1.4	309	37	3.2	0.0
25/01/2024 02:10	1.9	298	40	2.9	0.0
25/01/2024 02:20	1.6	285	46	2.8	0.0
25/01/2024 02:30	1.5	282	38	2.7	0.0
25/01/2024 02:40	1.4	285	38	2.0	0.0
25/01/2024 02:50	1.3	275	37	2.4	0.0
25/01/2024 03:00	1.5	267	32	2.6	0.0
25/01/2024 03:10	1.6	275	34	2.4	0.0
25/01/2024 03:20	1.5	290	34	2.8	0.0
25/01/2024 03:30	1.6	263	25	2.5	0.0
25/01/2024 03:40	1.3	280	34	2.6	0.0
25/01/2024 03:50	1.6	283	34	2.7	0.0
25/01/2024 04:00	1.6	252	23	2.5	0.0
25/01/2024 04:10	1.5	248	26	2.2	0.0
25/01/2024 04:20	1.5	241	22	2.4	0.0
25/01/2024 04:30	1.0	266	25	1.8	0.0
25/01/2024 04:40	1.2	259	31	2.2	0.0
25/01/2024 04:50	1.5	249	23	2.1	0.0
25/01/2024 05:00	1.4	247	22	2.4	0.0
25/01/2024 05:10	1.2	258	23	1.9	0.0
25/01/2024 05:20	1.3	250	23	2.2	0.0
25/01/2024 05:30	1.1	260	27	2.0	0.0
25/01/2024 05:40	1.3	263	26	2.0	0.0
25/01/2024 05:50	0.9	286	38	2.0	0.0
25/01/2024 06:00	1.2	275	35	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 06:10	1.0	269	34	1.9	0.0
25/01/2024 06:20	1.2	257	27	2.0	0.0
25/01/2024 06:30	1.1	255	29	2.0	0.0
25/01/2024 06:40	1.4	248	23	2.7	0.0
25/01/2024 06:50	1.1	258	42	1.9	0.0
25/01/2024 07:00	1.1	310	34	2.3	0.0
25/01/2024 07:10	1.4	307	43	2.4	0.0
25/01/2024 07:20	1.4	318	39	2.3	0.0
25/01/2024 07:30	1.6	299	36	2.6	0.0
25/01/2024 07:40	1.7	281	39	2.9	0.0
25/01/2024 07:50	1.6	293	42	3.2	0.0
25/01/2024 08:00	1.7	275	36	3.2	0.0
25/01/2024 08:10	2.0	272	50	3.1	0.0
25/01/2024 08:20	2.0	294	45	3.3	0.0
25/01/2024 08:30	2.0	272	44	3.4	0.0
25/01/2024 08:40	2.1	281	48	4.4	0.0
25/01/2024 08:50	2.4	247	32	4.0	0.0
25/01/2024 09:00	2.3	255	45	4.0	0.0
25/01/2024 09:10	2.3	262	33	3.9	0.0
25/01/2024 09:20	2.5	242	24	4.2	0.0
25/01/2024 09:30	2.3	244	25	3.9	0.0
25/01/2024 09:40	2.8	238	27	4.0	0.0
25/01/2024 09:50	3.3	241	18	4.8	0.0
25/01/2024 10:00	3.3	244	20	5.2	0.0
25/01/2024 10:10	3.4	244	16	4.8	0.0
25/01/2024 10:20	2.5	271	36	4.2	0.0
25/01/2024 10:30	2.3	274	41	4.3	0.0
25/01/2024 10:40	2.5	286	43	4.0	0.0
25/01/2024 10:50	2.5	293	39	3.9	0.0
25/01/2024 11:00	2.5	324	42	4.9	0.0
25/01/2024 11:10	2.5	324	32	4.2	0.0
25/01/2024 11:20	3.4	325	32	5.1	0.0
25/01/2024 11:30	2.8	301	35	4.4	0.0
25/01/2024 11:40	2.7	305	43	4.5	0.0
25/01/2024 11:50	3.0	313	35	4.6	0.0
25/01/2024 12:00	3.0	330	28	4.7	0.0
25/01/2024 12:10	3.4	320	34	5.2	0.0
25/01/2024 12:20	3.5	336	36	5.5	0.0
25/01/2024 12:30	3.6	342	35	6.0	0.0
25/01/2024 12:40	3.5	334	31	5.9	0.0
25/01/2024 12:50	3.5	328	32	5.7	0.0
25/01/2024 13:00	3.5	316	28	6.0	0.0
25/01/2024 13:10	3.8	328	26	5.7	0.0
25/01/2024 13:20	4.0	320	27	5.9	0.0
25/01/2024 13:30	4.1	317	29	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 13:40	3.5	313	37	5.5	0.0
25/01/2024 13:50	3.8	324	28	6.9	0.0
25/01/2024 14:00	4.3	323	29	6.6	0.0
25/01/2024 14:10	3.5	295	38	6.0	0.0
25/01/2024 14:20	3.6	283	45	5.8	0.0
25/01/2024 14:30	3.6	281	41	5.7	0.0
25/01/2024 14:40	3.4	290	45	7.4	0.0
25/01/2024 14:50	3.6	299	41	7.0	0.0
25/01/2024 15:00	3.6	313	45	6.3	0.0
25/01/2024 15:10	3.1	303	43	5.7	0.0
25/01/2024 15:20	3.7	290	39	6.8	0.0
25/01/2024 15:30	3.8	263	29	6.2	0.0
25/01/2024 15:40	3.6	279	41	6.3	0.0
25/01/2024 15:50	3.5	298	42	5.8	0.0
25/01/2024 16:00	3.7	273	37	6.1	0.0
25/01/2024 16:10	3.7	270	36	6.5	0.0
25/01/2024 16:20	4.2	263	31	7.0	0.0
25/01/2024 16:30	3.7	289	41	6.8	0.0
25/01/2024 16:40	3.8	275	38	6.1	0.0
25/01/2024 16:50	3.3	283	40	6.1	0.0
25/01/2024 17:00	3.7	285	39	6.0	0.0
25/01/2024 17:10	4.1	269	28	7.0	0.0
25/01/2024 17:20	3.6	288	37	6.5	0.0
25/01/2024 17:30	3.5	284	36	5.9	0.0
25/01/2024 17:40	4.4	262	20	6.9	0.0
25/01/2024 17:50	3.6	271	32	6.4	0.0
25/01/2024 18:00	4.2	261	25	6.6	0.0
25/01/2024 18:10	4.2	262	19	6.0	0.0
25/01/2024 18:20	4.2	262	21	6.2	0.0
25/01/2024 18:30	4.4	255	16	6.5	0.0
25/01/2024 18:40	4.3	259	16	6.1	0.0
25/01/2024 18:50	4.4	257	18	7.1	0.0
25/01/2024 19:00	4.3	257	17	6.8	0.0
25/01/2024 19:10	4.9	258	16	6.9	0.0
25/01/2024 19:20	5.0	256	18	7.7	0.0
25/01/2024 19:30	4.7	257	16	6.8	0.0
25/01/2024 19:40	4.5	257	19	6.7	0.0
25/01/2024 19:50	5.3	252	16	7.7	0.0
25/01/2024 20:00	5.3	258	14	7.8	0.0
25/01/2024 20:10	5.6	257	18	7.5	0.0
25/01/2024 20:20	5.9	258	16	8.8	0.0
25/01/2024 20:30	5.8	257	14	8.7	0.0
25/01/2024 20:40	5.0	257	16	7.4	0.0
25/01/2024 20:50	5.7	259	15	7.5	0.0
25/01/2024 21:00	5.1	261	16	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 21:10	5.2	259	15	8.0	0.0
25/01/2024 21:20	5.8	250	17	8.8	0.0
25/01/2024 21:30	5.6	256	14	7.9	0.0
25/01/2024 21:40	6.1	251	16	8.3	0.0
25/01/2024 21:50	6.1	251	15	8.6	0.0
25/01/2024 22:00	6.2	251	13	8.9	0.0
25/01/2024 22:10	5.7	261	15	8.7	0.0
25/01/2024 22:20	6.4	251	15	8.6	0.0
25/01/2024 22:30	5.5	252	14	7.7	0.0
25/01/2024 22:40	5.2	258	13	7.9	0.0
25/01/2024 22:50	5.1	259	15	7.3	0.0
25/01/2024 23:00	4.9	257	16	7.2	0.0
25/01/2024 23:10	5.1	257	15	7.7	0.0
25/01/2024 23:20	5.1	255	16	6.8	0.0
25/01/2024 23:30	5.4	258	16	7.8	0.0
25/01/2024 23:40	5.2	256	14	7.4	0.0
25/01/2024 23:50	5.2	259	15	7.2	0.0
26/01/2024 00:00	5.4	257	16	7.9	0.0
26/01/2024 00:10	4.9	256	16	7.5	0.0
26/01/2024 00:20	5.8	254	13	7.8	0.0
26/01/2024 00:30	5.3	254	15	7.4	0.0
26/01/2024 00:40	5.1	256	16	7.3	0.0
26/01/2024 00:50	4.7	259	17	6.9	0.0
26/01/2024 01:00	4.8	258	18	6.8	0.0
26/01/2024 01:10	4.9	256	17	7.9	0.0
26/01/2024 01:20	4.7	261	18	7.3	0.0
26/01/2024 01:30	4.4	260	18	6.7	0.0
26/01/2024 01:40	4.5	255	16	6.4	0.0
26/01/2024 01:50	4.5	261	17	6.8	0.0
26/01/2024 02:00	5.2	260	15	6.9	0.0
26/01/2024 02:10	5.1	257	17	7.5	0.0
26/01/2024 02:20	5.3	256	15	7.9	0.0
26/01/2024 02:30	5.3	259	14	7.5	0.0
26/01/2024 02:40	5.0	255	16	7.2	0.0
26/01/2024 02:50	5.4	252	14	7.9	0.0
26/01/2024 03:00	5.3	256	16	7.9	0.0
26/01/2024 03:10	5.0	258	17	7.3	0.0
26/01/2024 03:20	5.3	253	17	7.6	0.0
26/01/2024 03:30	5.8	253	14	8.8	0.0
26/01/2024 03:40	5.3	251	16	7.6	0.0
26/01/2024 03:50	5.3	250	15	7.9	0.0
26/01/2024 04:00	4.3	240	17	5.8	0.0
26/01/2024 04:10	3.5	234	19	5.1	0.0
26/01/2024 04:20	3.1	197	20	5.0	0.0
26/01/2024 04:30	3.2	240	17	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 04:40	2.6	250	20	3.9	0.0
26/01/2024 04:50	2.9	240	19	4.5	0.0
26/01/2024 05:00	2.4	238	16	4.3	0.0
26/01/2024 05:10	2.8	245	16	4.8	0.0
26/01/2024 05:20	2.6	253	16	4.4	0.0
26/01/2024 05:30	2.7	253	15	4.2	0.0
26/01/2024 05:40	3.4	241	17	4.9	0.0
26/01/2024 05:50	3.1	232	17	4.2	0.0
26/01/2024 06:00	3.3	241	14	4.8	0.0
26/01/2024 06:10	2.9	241	17	4.2	0.0
26/01/2024 06:20	2.9	254	17	4.4	0.0
26/01/2024 06:30	3.2	241	18	4.9	0.0
26/01/2024 06:40	3.2	242	17	4.4	0.0
26/01/2024 06:50	3.7	233	18	5.0	0.0
26/01/2024 07:00	3.4	238	18	5.1	0.0
26/01/2024 07:10	3.6	236	18	5.6	0.0
26/01/2024 07:20	3.7	246	19	5.6	0.0
26/01/2024 07:30	4.1	237	18	5.6	0.0
26/01/2024 07:40	4.1	237	17	5.8	0.0
26/01/2024 07:50	4.2	239	20	5.8	0.0
26/01/2024 08:00	4.3	235	17	6.0	0.0
26/01/2024 08:10	3.9	240	17	5.7	0.0
26/01/2024 08:20	3.9	248	18	6.0	0.0
26/01/2024 08:30	4.0	247	19	5.7	0.0
26/01/2024 08:40	4.1	249	18	5.6	0.0
26/01/2024 08:50	4.1	253	20	5.7	0.0
26/01/2024 09:00	4.1	251	19	6.3	0.0
26/01/2024 09:10	4.1	246	17	5.6	0.0
26/01/2024 09:20	4.1	251	18	6.0	0.0
26/01/2024 09:30	4.5	250	16	6.6	0.0
26/01/2024 09:40	4.2	253	19	6.8	0.0
26/01/2024 09:50	4.1	256	22	6.2	0.0
26/01/2024 10:00	4.2	251	20	6.5	0.0
26/01/2024 10:10	4.0	255	19	6.2	0.0
26/01/2024 10:20	4.6	253	17	6.6	0.0
26/01/2024 10:30	4.3	255	21	6.6	0.0
26/01/2024 10:40	4.2	252	21	6.5	0.0
26/01/2024 10:50	4.4	260	21	7.0	0.0
26/01/2024 11:00	4.1	262	23	6.1	0.0
26/01/2024 11:10	4.9	250	18	7.5	0.0
26/01/2024 11:20	5.0	244	16	8.0	0.0
26/01/2024 11:30	5.1	244	16	7.8	0.0
26/01/2024 11:40	4.7	249	17	7.6	0.0
26/01/2024 11:50	5.1	246	17	7.7	0.0
26/01/2024 12:00	4.8	248	23	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 12:10	4.9	246	17	6.6	0.0
26/01/2024 12:20	4.9	248	17	6.8	0.0
26/01/2024 12:30	5.2	240	16	7.4	0.0
26/01/2024 12:40	4.9	243	15	7.1	0.0
26/01/2024 12:50	5.2	241	18	7.1	0.0
26/01/2024 13:00	5.1	242	19	7.7	0.0
26/01/2024 13:10	5.4	248	16	7.7	0.0
26/01/2024 13:20	3.8	268	28	6.9	0.0
26/01/2024 13:30	3.5	284	38	5.8	0.0
26/01/2024 13:40	3.9	264	29	6.0	0.0
26/01/2024 13:50	3.4	282	30	5.9	0.0
26/01/2024 14:00	3.7	294	40	5.7	0.0
26/01/2024 14:10	4.1	272	32	6.9	0.0
26/01/2024 14:20	3.6	276	34	6.8	0.0
26/01/2024 14:30	4.4	265	25	6.8	0.0
26/01/2024 14:40	4.0	281	40	7.0	0.0
26/01/2024 14:50	4.1	270	35	6.9	0.0
26/01/2024 15:00	4.7	259	34	7.2	0.0
26/01/2024 15:10	3.9	280	34	7.2	0.0
26/01/2024 15:20	4.5	276	38	7.6	0.0
26/01/2024 15:30	4.0	271	30	6.6	0.0
26/01/2024 15:40	3.5	282	40	6.4	0.0
26/01/2024 15:50	4.1	280	35	7.1	0.0
26/01/2024 16:00	3.9	273	29	6.6	0.0
26/01/2024 16:10	3.8	274	38	6.5	0.0
26/01/2024 16:20	4.1	267	34	7.2	0.0
26/01/2024 16:30	3.6	275	36	6.4	0.0
26/01/2024 16:40	4.2	257	25	6.6	0.0
26/01/2024 16:50	3.5	272	33	6.4	0.0
26/01/2024 17:00	3.9	267	27	6.4	0.0
26/01/2024 17:10	4.2	262	25	6.9	0.0
26/01/2024 17:20	4.0	264	32	7.7	0.0
26/01/2024 17:30	3.6	271	31	6.3	0.0
26/01/2024 17:40	4.7	263	25	6.9	0.0
26/01/2024 17:50	4.1	264	23	6.8	0.0
26/01/2024 18:00	3.9	262	20	5.8	0.0
26/01/2024 18:10	4.0	259	23	6.1	0.0
26/01/2024 18:20	5.5	255	14	7.5	0.0
26/01/2024 18:30	5.4	253	15	8.7	0.0
26/01/2024 18:40	5.5	257	16	8.5	0.0
26/01/2024 18:50	4.6	255	15	7.2	0.0
26/01/2024 19:00	4.5	251	18	7.1	0.0
26/01/2024 19:10	4.0	261	26	6.7	0.0
26/01/2024 19:20	3.8	258	22	6.5	0.0
26/01/2024 19:30	3.8	260	24	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 19:40	3.8	255	16	5.7	0.0
26/01/2024 19:50	4.0	258	22	5.7	0.0
26/01/2024 20:00	3.8	260	19	5.8	0.0
26/01/2024 20:10	4.5	257	18	7.2	0.0
26/01/2024 20:20	4.0	262	25	6.8	0.0
26/01/2024 20:30	4.7	253	16	6.9	0.0
26/01/2024 20:40	5.4	256	17	7.9	0.0
26/01/2024 20:50	4.7	258	16	8.0	0.0
26/01/2024 21:00	5.2	253	19	7.9	0.0
26/01/2024 21:10	5.0	252	16	8.3	0.0
26/01/2024 21:20	5.5	254	15	8.7	0.0
26/01/2024 21:30	5.1	256	18	7.6	0.0
26/01/2024 21:40	4.8	252	18	6.8	0.0
26/01/2024 21:50	4.8	255	16	7.6	0.0
26/01/2024 22:00	4.4	255	16	7.3	0.0
26/01/2024 22:10	4.4	259	18	7.1	0.0
26/01/2024 22:20	4.1	260	20	7.2	0.0
26/01/2024 22:30	4.8	251	14	7.2	0.0
26/01/2024 22:40	4.6	256	20	7.1	0.0
26/01/2024 22:50	4.5	253	19	7.5	0.0
26/01/2024 23:00	4.7	255	20	7.0	0.0
26/01/2024 23:10	4.5	253	19	7.1	0.0
26/01/2024 23:20	4.4	258	17	7.0	0.0
26/01/2024 23:30	3.9	257	18	6.3	0.0
26/01/2024 23:40	4.7	255	20	6.9	0.0
26/01/2024 23:50	4.5	255	15	6.8	0.0
27/01/2024 00:00	4.4	260	14	6.4	0.0
27/01/2024 00:10	4.7	260	18	6.8	0.0
27/01/2024 00:20	4.7	254	20	6.7	0.0
27/01/2024 00:30	4.2	258	20	6.9	0.0
27/01/2024 00:40	4.4	255	18	6.2	0.0
27/01/2024 00:50	4.7	256	17	7.0	0.0
27/01/2024 01:00	3.8	259	17	5.7	0.0
27/01/2024 01:10	4.5	258	17	7.1	0.0
27/01/2024 01:20	4.1	255	18	6.0	0.0
27/01/2024 01:30	3.9	256	18	6.0	0.0
27/01/2024 01:40	3.8	257	20	6.0	0.0
27/01/2024 01:50	3.3	258	19	5.5	0.0
27/01/2024 02:00	3.5	258	20	5.7	0.0
27/01/2024 02:10	3.1	254	21	5.1	0.0
27/01/2024 02:20	2.4	263	25	4.3	0.0
27/01/2024 02:30	2.4	260	25	3.7	0.0
27/01/2024 02:40	2.6	259	26	4.5	0.0
27/01/2024 02:50	2.5	263	27	4.3	0.0
27/01/2024 03:00	2.7	266	21	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 03:10	2.9	255	19	4.4	0.0
27/01/2024 03:20	2.4	262	19	3.6	0.0
27/01/2024 03:30	2.6	262	18	4.4	0.0
27/01/2024 03:40	2.8	259	25	4.3	0.0
27/01/2024 03:50	2.8	266	30	4.6	0.0
27/01/2024 04:00	2.5	261	22	4.3	0.0
27/01/2024 04:10	2.8	254	21	4.8	0.0
27/01/2024 04:20	3.6	254	16	5.4	0.0
27/01/2024 04:30	3.7	252	18	5.4	0.0
27/01/2024 04:40	3.2	255	18	4.7	0.0
27/01/2024 04:50	2.9	257	19	4.7	0.0
27/01/2024 05:00	3.6	254	15	5.8	0.0
27/01/2024 05:10	2.9	255	20	4.4	0.0
27/01/2024 05:20	3.2	257	17	5.3	0.0
27/01/2024 05:30	3.1	260	22	4.7	0.0
27/01/2024 05:40	2.8	262	23	5.1	0.0
27/01/2024 05:50	2.7	261	32	5.2	0.0
27/01/2024 06:00	2.9	265	28	4.9	0.0
27/01/2024 06:10	2.8	262	25	4.4	0.0
27/01/2024 06:20	2.5	257	24	4.1	0.0
27/01/2024 06:30	2.5	260	26	4.2	0.0
27/01/2024 06:40	2.5	263	21	4.0	0.0
27/01/2024 06:50	2.5	267	30	4.6	0.0
27/01/2024 07:00	2.7	258	25	4.3	0.0
27/01/2024 07:10	3.0	259	27	4.7	0.0
27/01/2024 07:20	3.1	260	28	4.9	0.0
27/01/2024 07:30	2.8	268	33	4.2	0.0
27/01/2024 07:40	2.6	265	22	4.0	0.0
27/01/2024 07:50	2.4	258	22	4.5	0.0
27/01/2024 08:00	2.3	262	29	3.6	0.0
27/01/2024 08:10	2.5	262	24	3.7	0.0
27/01/2024 08:20	2.1	265	34	3.6	0.0
27/01/2024 08:30	2.3	261	33	3.7	0.0
27/01/2024 08:40	2.3	263	30	3.9	0.0
27/01/2024 08:50	2.5	256	25	4.1	0.0
27/01/2024 09:00	2.3	271	35	4.1	0.0
27/01/2024 09:10	2.6	276	32	4.2	0.0
27/01/2024 09:20	2.5	263	27	4.4	0.0
27/01/2024 09:30	2.5	272	35	4.6	0.0
27/01/2024 09:40	2.5	277	36	4.9	0.0
27/01/2024 09:50	2.5	266	30	4.0	0.0
27/01/2024 10:00	2.7	277	35	4.7	0.0
27/01/2024 10:10	2.6	274	36	4.6	0.0
27/01/2024 10:20	2.8	269	29	4.9	0.0
27/01/2024 10:30	2.9	260	35	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 10:40	3.2	293	46	5.0	0.0
27/01/2024 10:50	3.0	301	36	4.7	0.0
27/01/2024 11:00	3.4	271	38	5.6	0.0
27/01/2024 11:10	3.2	299	43	5.3	0.0
27/01/2024 11:20	3.1	287	42	5.6	0.0
27/01/2024 11:30	3.6	300	41	6.3	0.0
27/01/2024 11:40	3.6	291	43	5.9	0.0
27/01/2024 11:50	3.7	316	38	6.4	0.0
27/01/2024 12:00	3.6	277	37	6.0	0.0
27/01/2024 12:10	3.7	283	43	6.9	0.0
27/01/2024 12:20	3.7	315	35	6.2	0.0
27/01/2024 12:30	3.6	279	43	6.2	0.0
27/01/2024 12:40	3.5	286	33	5.9	0.0
27/01/2024 12:50	3.4	299	42	5.5	0.0
27/01/2024 13:00	3.7	319	30	6.5	0.0
27/01/2024 13:10	3.8	304	36	6.3	0.0
27/01/2024 13:20	3.4	268	43	6.4	0.0
27/01/2024 13:30	3.5	272	48	5.7	0.0
27/01/2024 13:40	3.8	302	42	6.2	0.0
27/01/2024 13:50	3.4	298	39	6.5	0.0
27/01/2024 14:00	3.5	284	43	7.0	0.0
27/01/2024 14:10	3.7	307	36	6.4	0.0
27/01/2024 14:20	3.6	306	42	6.2	0.0
27/01/2024 14:30	3.1	292	52	6.6	0.0
27/01/2024 14:40	3.6	279	44	6.6	0.0
27/01/2024 14:50	3.8	304	43	6.4	0.0
27/01/2024 15:00	3.8	264	32	7.8	0.0
27/01/2024 15:10	3.9	273	41	7.8	0.0
27/01/2024 15:20	3.6	263	32	7.1	0.0
27/01/2024 15:30	3.6	308	36	6.0	0.0
27/01/2024 15:40	3.6	300	51	6.2	0.0
27/01/2024 15:50	3.4	294	37	6.1	0.0
27/01/2024 16:00	3.5	284	36	6.8	0.0
27/01/2024 16:10	3.4	285	36	6.0	0.0
27/01/2024 16:20	3.6	263	35	7.1	0.0
27/01/2024 16:30	3.2	270	35	5.6	0.0
27/01/2024 16:40	2.8	293	42	5.3	0.0
27/01/2024 16:50	2.9	283	41	5.6	0.0
27/01/2024 17:00	3.2	276	37	5.3	0.0
27/01/2024 17:10	3.3	265	29	5.6	0.0
27/01/2024 17:20	3.3	260	34	5.7	0.0
27/01/2024 17:30	2.9	274	40	5.9	0.0
27/01/2024 17:40	3.3	258	28	5.5	0.0
27/01/2024 17:50	3.2	264	30	5.7	0.0
27/01/2024 18:00	3.3	269	32	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 18:10	2.9	269	30	5.1	0.0
27/01/2024 18:20	3.8	257	23	6.4	0.0
27/01/2024 18:30	3.1	263	29	5.1	0.0
27/01/2024 18:40	3.0	265	28	5.6	0.0
27/01/2024 18:50	3.3	263	24	5.2	0.0
27/01/2024 19:00	2.7	271	37	4.5	0.0
27/01/2024 19:10	3.0	270	32	4.7	0.0
27/01/2024 19:20	3.0	262	33	4.8	0.0
27/01/2024 19:30	3.2	259	26	5.2	0.0
27/01/2024 19:40	3.2	258	21	4.7	0.0
27/01/2024 19:50	3.6	254	20	6.0	0.0
27/01/2024 20:00	4.1	254	21	6.0	0.0
27/01/2024 20:10	3.7	253	20	5.9	0.0
27/01/2024 20:20	3.1	253	20	5.3	0.0
27/01/2024 20:30	2.6	252	19	4.1	0.0
27/01/2024 20:40	2.9	256	21	4.6	0.0
27/01/2024 20:50	2.7	253	22	4.4	0.0
27/01/2024 21:00	2.4	252	26	4.0	0.0
27/01/2024 21:10	2.6	255	25	4.4	0.0
27/01/2024 21:20	2.2	258	25	3.2	0.0
27/01/2024 21:30	2.6	256	21	4.1	0.0
27/01/2024 21:40	2.7	253	19	4.1	0.0
27/01/2024 21:50	2.8	254	17	4.4	0.0
27/01/2024 22:00	2.5	255	21	3.7	0.0
27/01/2024 22:10	2.4	266	28	4.2	0.0
27/01/2024 22:20	2.8	264	26	4.0	0.0
27/01/2024 22:30	3.0	261	27	5.2	0.0
27/01/2024 22:40	2.7	269	31	4.7	0.0
27/01/2024 22:50	2.7	263	28	4.4	0.0
27/01/2024 23:00	2.8	271	28	4.7	0.0
27/01/2024 23:10	2.8	264	28	4.4	0.0
27/01/2024 23:20	2.7	267	28	4.5	0.0
27/01/2024 23:30	2.8	260	24	4.9	0.0
27/01/2024 23:40	2.5	264	31	4.0	0.0
27/01/2024 23:50	3.1	258	23	5.2	0.0
28/01/2024 00:00	3.2	256	20	4.9	0.0
28/01/2024 00:10	3.0	257	19	4.5	0.0
28/01/2024 00:20	3.6	255	19	5.5	0.0
28/01/2024 00:30	3.6	251	17	5.5	0.0
28/01/2024 00:40	2.8	256	21	4.8	0.0
28/01/2024 00:50	3.0	258	19	4.3	0.0
28/01/2024 01:00	3.5	250	17	5.4	0.0
28/01/2024 01:10	3.4	251	20	5.1	0.0
28/01/2024 01:20	2.3	261	24	4.2	0.0
28/01/2024 01:30	2.8	263	29	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 01:40	2.9	253	20	4.8	0.0
28/01/2024 01:50	3.2	259	18	4.5	0.0
28/01/2024 02:00	4.0	251	16	6.0	0.0
28/01/2024 02:10	4.1	258	18	6.1	0.0
28/01/2024 02:20	3.5	248	18	5.4	0.0
28/01/2024 02:30	4.1	250	20	6.3	0.0
28/01/2024 02:40	3.9	254	21	5.9	0.0
28/01/2024 02:50	3.3	249	18	5.6	0.0
28/01/2024 03:00	3.4	255	19	5.0	0.0
28/01/2024 03:10	3.4	255	19	5.9	0.0
28/01/2024 03:20	3.8	256	20	6.2	0.0
28/01/2024 03:30	3.6	251	18	6.0	0.0
28/01/2024 03:40	3.4	256	20	6.5	0.0
28/01/2024 03:50	3.5	260	19	6.1	0.0
28/01/2024 04:00	3.3	256	20	5.4	0.0
28/01/2024 04:10	4.1	252	18	6.3	0.0
28/01/2024 04:20	3.7	252	20	5.6	0.0
28/01/2024 04:30	3.1	255	19	5.6	0.0
28/01/2024 04:40	3.3	257	17	5.0	0.0
28/01/2024 04:50	2.8	254	19	3.9	0.0
28/01/2024 05:00	3.4	257	18	5.6	0.0
28/01/2024 05:10	3.6	256	17	5.9	0.0
28/01/2024 05:20	3.0	258	18	4.8	0.0
28/01/2024 05:30	2.8	261	20	4.3	0.0
28/01/2024 05:40	2.8	257	20	4.3	0.0
28/01/2024 05:50	3.3	252	20	5.4	0.0
28/01/2024 06:00	3.3	257	21	5.0	0.0
28/01/2024 06:10	3.2	253	19	4.9	0.0
28/01/2024 06:20	3.0	252	22	5.3	0.0
28/01/2024 06:30	2.6	250	19	3.9	0.0
28/01/2024 06:40	2.5	262	21	4.0	0.0
28/01/2024 06:50	1.9	261	37	3.2	0.0
28/01/2024 07:00	2.4	253	20	3.6	0.0
28/01/2024 07:10	2.4	260	24	3.7	0.0
28/01/2024 07:20	2.2	260	30	4.1	0.0
28/01/2024 07:30	2.3	256	26	3.5	0.0
28/01/2024 07:40	2.2	266	26	3.8	0.0
28/01/2024 07:50	2.3	264	29	4.3	0.0
28/01/2024 08:00	2.6	262	26	4.0	0.0
28/01/2024 08:10	2.5	293	33	4.0	0.0
28/01/2024 08:20	2.2	278	41	3.8	0.0
28/01/2024 08:30	2.3	259	29	4.0	0.0
28/01/2024 08:40	2.7	259	25	4.5	0.0
28/01/2024 08:50	2.8	258	21	4.7	0.0
28/01/2024 09:00	3.0	253	24	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 09:10	2.9	257	19	4.4	0.0
28/01/2024 09:20	3.1	256	27	5.2	0.0
28/01/2024 09:30	3.1	252	21	5.4	0.0
28/01/2024 09:40	2.5	261	28	4.1	0.0
28/01/2024 09:50	2.6	256	27	4.7	0.0
28/01/2024 10:00	2.7	252	25	5.2	0.0
28/01/2024 10:10	2.7	253	29	4.1	0.0
28/01/2024 10:20	3.6	249	18	6.4	0.0
28/01/2024 10:30	4.2	239	19	6.1	0.0
28/01/2024 10:40	3.9	245	23	5.8	0.0
28/01/2024 10:50	3.2	254	21	4.8	0.0
28/01/2024 11:00	3.2	259	23	5.1	0.0
28/01/2024 11:10	3.6	254	20	6.4	0.0
28/01/2024 11:20	4.1	246	21	6.5	0.0
28/01/2024 11:30	4.0	244	18	5.8	0.0
28/01/2024 11:40	3.7	254	17	5.6	0.0
28/01/2024 11:50	2.9	263	28	5.1	0.0
28/01/2024 12:00	3.1	257	29	4.8	0.0
28/01/2024 12:10	2.6	268	38	4.8	0.0
28/01/2024 12:20	2.7	282	35	5.0	0.0
28/01/2024 12:30	3.2	268	39	5.6	0.0
28/01/2024 12:40	3.1	274	37	6.4	0.0
28/01/2024 12:50	3.4	262	36	5.8	0.0
28/01/2024 13:00	3.5	271	34	6.3	0.0
28/01/2024 13:10	3.1	275	39	5.0	0.0
28/01/2024 13:20	3.7	294	36	6.3	0.0
28/01/2024 13:30	3.2	274	42	5.0	0.0
28/01/2024 13:40	3.6	284	34	6.1	0.0
28/01/2024 13:50	3.4	289	42	5.8	0.0
28/01/2024 14:00	3.4	298	44	6.0	0.0
28/01/2024 14:10	3.7	294	39	6.0	0.0
28/01/2024 14:20	3.3	306	33	6.4	0.0
28/01/2024 14:30	3.1	286	46	6.0	0.0
28/01/2024 14:40	3.6	273	33	6.3	0.0
28/01/2024 14:50	3.7	259	32	6.3	0.0
28/01/2024 15:00	3.3	279	36	6.0	0.0
28/01/2024 15:10	3.8	267	36	6.4	0.0
28/01/2024 15:20	3.4	270	34	5.9	0.0
28/01/2024 15:30	3.3	276	43	6.0	0.0
28/01/2024 15:40	3.4	300	35	5.7	0.0
28/01/2024 15:50	3.7	277	39	5.6	0.0
28/01/2024 16:00	3.2	293	41	5.8	0.0
28/01/2024 16:10	3.4	288	36	6.3	0.0
28/01/2024 16:20	3.3	282	40	5.9	0.0
28/01/2024 16:30	3.2	294	39	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 16:40	3.2	273	40	5.8	0.0
28/01/2024 16:50	3.4	276	39	6.0	0.0
28/01/2024 17:00	3.6	263	28	6.2	0.0
28/01/2024 17:10	3.3	277	38	5.5	0.0
28/01/2024 17:20	3.1	288	41	5.5	0.0
28/01/2024 17:30	3.3	284	36	5.9	0.0
28/01/2024 17:40	3.3	280	34	5.6	0.0
28/01/2024 17:50	3.0	265	37	5.1	0.0
28/01/2024 18:00	3.3	270	39	6.2	0.0
28/01/2024 18:10	3.5	268	30	6.0	0.0
28/01/2024 18:20	3.1	279	38	5.5	0.0
28/01/2024 18:30	3.3	270	35	5.2	0.0
28/01/2024 18:40	3.7	265	32	5.7	0.0
28/01/2024 18:50	3.1	267	29	4.9	0.0
28/01/2024 19:00	3.2	262	23	5.1	0.0
28/01/2024 19:10	3.2	262	27	5.1	0.0
28/01/2024 19:20	3.5	263	26	5.7	0.0
28/01/2024 19:30	3.5	262	24	5.2	0.0
28/01/2024 19:40	3.3	264	30	5.8	0.0
28/01/2024 19:50	3.1	264	27	4.7	0.0
28/01/2024 20:00	2.6	265	34	4.8	0.0
28/01/2024 20:10	3.2	273	37	5.0	0.0
28/01/2024 20:20	3.1	265	29	5.2	0.0
28/01/2024 20:30	3.0	267	33	5.2	0.0
28/01/2024 20:40	3.5	261	26	5.5	0.0
28/01/2024 20:50	3.4	265	23	5.4	0.0
28/01/2024 21:00	3.5	263	24	6.0	0.0
28/01/2024 21:10	3.1	264	24	6.0	0.0
28/01/2024 21:20	3.5	259	25	6.2	0.0
28/01/2024 21:30	3.6	265	26	6.8	0.0
28/01/2024 21:40	3.4	262	24	5.1	0.0
28/01/2024 21:50	3.2	260	19	5.3	0.0
28/01/2024 22:00	3.3	260	22	5.6	0.0
28/01/2024 22:10	3.4	258	19	4.8	0.0
28/01/2024 22:20	3.3	255	19	4.9	0.0
28/01/2024 22:30	4.0	260	17	6.5	0.0
28/01/2024 22:40	5.1	255	14	7.6	0.0
28/01/2024 22:50	4.5	254	17	6.8	0.0
28/01/2024 23:00	4.5	255	18	6.5	0.0
28/01/2024 23:10	3.9	256	18	6.8	0.0
28/01/2024 23:20	3.9	255	17	6.4	0.0
28/01/2024 23:30	4.9	247	14	6.7	0.0
28/01/2024 23:40	4.5	250	17	7.0	0.0
28/01/2024 23:50	4.8	254	16	7.5	0.0
29/01/2024 00:00	4.7	248	17	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 00:10	4.5	255	19	6.8	0.0
29/01/2024 00:20	5.0	253	19	7.1	0.0
29/01/2024 00:30	4.6	253	18	7.2	0.0
29/01/2024 00:40	4.4	252	14	6.9	0.0
29/01/2024 00:50	4.7	248	17	6.6	0.0
29/01/2024 01:00	4.4	250	17	6.2	0.0
29/01/2024 01:10	4.8	249	15	7.2	0.0
29/01/2024 01:20	4.1	252	16	6.1	0.0
29/01/2024 01:30	3.5	261	23	5.8	0.0
29/01/2024 01:40	3.9	259	19	5.8	0.0
29/01/2024 01:50	4.0	253	17	6.3	0.0
29/01/2024 02:00	3.8	258	17	5.4	0.0
29/01/2024 02:10	3.9	258	17	6.2	0.0
29/01/2024 02:20	3.8	258	19	6.0	0.0
29/01/2024 02:30	3.7	261	19	5.7	0.0
29/01/2024 02:40	3.5	256	18	5.3	0.0
29/01/2024 02:50	3.1	260	17	5.0	0.0
29/01/2024 03:00	3.7	256	17	5.3	0.0
29/01/2024 03:10	3.4	264	21	5.3	0.0
29/01/2024 03:20	3.7	255	19	5.9	0.0
29/01/2024 03:30	3.3	258	19	5.3	0.0
29/01/2024 03:40	3.7	255	19	5.9	0.0
29/01/2024 03:50	3.6	258	19	5.6	0.0
29/01/2024 04:00	3.4	260	18	5.6	0.0
29/01/2024 04:10	3.2	263	18	5.4	0.0
29/01/2024 04:20	3.5	253	16	5.5	0.0
29/01/2024 04:30	2.8	253	18	4.5	0.0
29/01/2024 04:40	3.1	254	19	4.5	0.0
29/01/2024 04:50	3.1	260	18	5.9	0.0
29/01/2024 05:00	3.3	263	18	5.1	0.0
29/01/2024 05:10	3.8	260	17	5.7	0.0
29/01/2024 05:20	3.2	258	19	4.8	0.0
29/01/2024 05:30	3.9	258	19	5.6	0.0
29/01/2024 05:40	3.7	258	18	5.4	0.0
29/01/2024 05:50	4.0	257	20	6.0	0.0
29/01/2024 06:00	3.8	257	18	5.6	0.0
29/01/2024 06:10	3.7	253	21	5.6	0.0
29/01/2024 06:20	3.2	253	18	5.2	0.0
29/01/2024 06:30	3.8	256	20	5.4	0.0
29/01/2024 06:40	3.5	255	18	5.3	0.0
29/01/2024 06:50	4.0	249	15	5.7	0.0
29/01/2024 07:00	3.5	257	17	5.1	0.0
29/01/2024 07:10	3.8	255	19	6.5	0.0
29/01/2024 07:20	3.8	253	22	6.0	0.0
29/01/2024 07:30	3.7	252	17	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 07:40	4.6	246	17	6.8	0.0
29/01/2024 07:50	4.0	255	17	5.9	0.0
29/01/2024 08:00	4.1	246	21	7.3	0.0
29/01/2024 08:10	3.7	255	19	5.6	0.0
29/01/2024 08:20	3.7	255	19	5.7	0.0
29/01/2024 08:30	3.6	258	22	5.6	0.0
29/01/2024 08:40	4.0	251	20	6.8	0.0
29/01/2024 08:50	4.0	253	16	6.1	0.0
29/01/2024 09:00	3.7	253	20	6.1	0.0
29/01/2024 09:10	4.2	248	20	6.4	0.0
29/01/2024 09:20	4.2	246	18	6.4	0.0
29/01/2024 09:30	4.0	252	24	6.8	0.0
29/01/2024 09:40	4.3	258	22	7.5	0.0
29/01/2024 09:50	4.5	244	19	7.2	0.0
29/01/2024 10:00	4.1	246	18	6.0	0.0
29/01/2024 10:10	4.7	248	19	7.9	0.0
29/01/2024 10:20	4.3	250	22	7.1	0.0
29/01/2024 10:30	4.7	246	19	7.1	0.0
29/01/2024 10:40	4.5	249	20	7.4	0.0
29/01/2024 10:50	4.9	245	18	7.2	0.0
29/01/2024 11:00	5.0	245	15	6.9	0.0
29/01/2024 11:10	4.8	244	17	6.5	0.0
29/01/2024 11:20	4.8	238	17	6.8	0.0
29/01/2024 11:30	5.0	241	18	7.2	0.0
29/01/2024 11:40	4.9	244	19	7.0	0.0
29/01/2024 11:50	4.6	248	20	6.7	0.0
29/01/2024 12:00	4.8	243	17	7.1	0.0
29/01/2024 12:10	4.8	242	19	6.8	0.0
29/01/2024 12:20	4.9	247	16	6.8	0.0
29/01/2024 12:30	4.4	252	19	7.4	0.0
29/01/2024 12:40	4.3	259	32	6.5	0.0
29/01/2024 12:50	3.6	267	33	6.5	0.0
29/01/2024 13:00	3.2	281	48	5.6	0.0
29/01/2024 13:10	3.8	283	39	6.0	0.0
29/01/2024 13:20	3.7	304	38	7.4	0.0
29/01/2024 13:30	3.9	287	42	6.8	0.0
29/01/2024 13:40	3.5	293	43	5.9	0.0
29/01/2024 13:50	4.0	290	38	6.3	0.0
29/01/2024 14:00	3.8	287	38	6.2	0.0
29/01/2024 14:10	3.4	282	41	5.7	0.0
29/01/2024 14:20	3.8	285	34	6.8	0.0
29/01/2024 14:30	4.0	283	39	6.4	0.0
29/01/2024 14:40	3.9	280	34	6.0	0.0
29/01/2024 14:50	3.9	287	43	6.4	0.0
29/01/2024 15:00	3.4	289	38	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 15:10	3.8	267	31	5.7	0.0
29/01/2024 15:20	3.7	284	42	6.4	0.0
29/01/2024 15:30	3.8	283	41	6.1	0.0
29/01/2024 15:40	3.5	281	42	6.5	0.0
29/01/2024 15:50	4.2	271	35	6.4	0.0
29/01/2024 16:00	3.7	290	36	6.2	0.0
29/01/2024 16:10	3.8	278	37	6.3	0.0
29/01/2024 16:20	4.0	277	31	7.5	0.0
29/01/2024 16:30	3.7	273	37	5.8	0.0
29/01/2024 16:40	3.7	276	33	6.0	0.0
29/01/2024 16:50	3.9	276	35	6.4	0.0
29/01/2024 17:00	3.9	271	32	6.5	0.0
29/01/2024 17:10	3.9	271	34	6.0	0.0
29/01/2024 17:20	3.9	282	35	6.5	0.0
29/01/2024 17:30	3.9	273	31	6.6	0.0
29/01/2024 17:40	3.7	267	28	6.6	0.0
29/01/2024 17:50	3.8	273	31	6.2	0.0
29/01/2024 18:00	4.0	259	28	6.6	0.0
29/01/2024 18:10	4.0	265	29	6.0	0.0
29/01/2024 18:20	4.2	260	26	6.3	0.0
29/01/2024 18:30	4.1	263	25	6.4	0.0
29/01/2024 18:40	3.6	262	23	5.7	0.0
29/01/2024 18:50	3.9	261	25	5.6	0.0
29/01/2024 19:00	3.9	259	22	6.0	0.0
29/01/2024 19:10	4.0	259	22	6.0	0.0
29/01/2024 19:20	3.7	264	22	5.7	0.0
29/01/2024 19:30	3.4	262	23	5.7	0.0
29/01/2024 19:40	3.8	256	23	5.6	0.0
29/01/2024 19:50	3.7	260	20	5.7	0.0
29/01/2024 20:00	3.5	264	21	5.3	0.0
29/01/2024 20:10	3.7	261	16	5.8	0.0
29/01/2024 20:20	3.8	258	14	6.1	0.0
29/01/2024 20:30	4.0	261	21	6.4	0.0
29/01/2024 20:40	3.5	267	25	5.8	0.0
29/01/2024 20:50	4.0	259	20	6.2	0.0
29/01/2024 21:00	3.5	262	19	5.2	0.0
29/01/2024 21:10	4.5	256	16	6.4	0.0
29/01/2024 21:20	4.3	258	18	6.1	0.0
29/01/2024 21:30	4.9	256	15	6.7	0.0
29/01/2024 21:40	5.4	254	16	7.8	0.0
29/01/2024 21:50	4.7	257	15	7.0	0.0
29/01/2024 22:00	4.8	259	18	7.7	0.0
29/01/2024 22:10	4.6	258	17	6.4	0.0
29/01/2024 22:20	4.4	253	17	6.1	0.0
29/01/2024 22:30	4.7	259	14	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 22:40	4.0	259	18	5.9	0.0
29/01/2024 22:50	4.6	255	16	6.4	0.0
29/01/2024 23:00	4.3	258	17	5.8	0.0
29/01/2024 23:10	4.0	260	16	6.0	0.0
29/01/2024 23:20	4.0	257	18	5.8	0.0
29/01/2024 23:30	3.8	259	16	5.5	0.0
29/01/2024 23:40	3.5	257	16	5.2	0.0
29/01/2024 23:50	3.9	260	18	5.6	0.0
30/01/2024 00:00	3.6	253	18	5.3	0.0
30/01/2024 00:10	3.6	255	16	5.5	0.0
30/01/2024 00:20	3.3	252	15	4.5	0.0
30/01/2024 00:30	3.5	256	19	5.3	0.0
30/01/2024 00:40	3.9	253	16	5.6	0.0
30/01/2024 00:50	3.7	249	13	5.3	0.0
30/01/2024 01:00	2.8	256	18	4.4	0.0
30/01/2024 01:10	2.8	260	18	4.4	0.0
30/01/2024 01:20	3.2	261	21	4.8	0.0
30/01/2024 01:30	3.4	253	16	4.8	0.0
30/01/2024 01:40	3.4	256	17	5.2	0.0
30/01/2024 01:50	3.6	257	19	5.0	0.0
30/01/2024 02:00	3.2	260	19	4.6	0.0
30/01/2024 02:10	3.6	255	17	5.4	0.0
30/01/2024 02:20	3.2	257	16	4.8	0.0
30/01/2024 02:30	2.3	258	16	3.6	0.0
30/01/2024 02:40	2.5	264	23	4.0	0.0
30/01/2024 02:50	2.2	263	23	3.7	0.0
30/01/2024 03:00	3.4	258	19	5.3	0.0
30/01/2024 03:10	3.5	257	17	5.3	0.0
30/01/2024 03:20	3.1	254	20	4.5	0.0
30/01/2024 03:30	3.2	257	18	4.5	0.0
30/01/2024 03:40	2.6	263	20	3.9	0.0
30/01/2024 03:50	2.8	261	20	4.0	0.0
30/01/2024 04:00	2.7	257	16	4.0	0.0
30/01/2024 04:10	2.6	262	18	4.6	0.0
30/01/2024 04:20	2.8	254	18	4.7	0.0
30/01/2024 04:30	2.6	258	17	3.8	0.0
30/01/2024 04:40	2.4	258	16	3.6	0.0
30/01/2024 04:50	2.2	257	18	3.4	0.0
30/01/2024 05:00	2.4	261	22	3.7	0.0
30/01/2024 05:10	2.4	259	21	3.6	0.0
30/01/2024 05:20	2.4	261	20	4.2	0.0
30/01/2024 05:30	2.2	259	20	3.5	0.0
30/01/2024 05:40	2.4	254	17	3.9	0.0
30/01/2024 05:50	2.7	258	17	3.9	0.0
30/01/2024 06:00	3.3	256	14	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 06:10	3.8	259	17	6.0	0.0
30/01/2024 06:20	3.3	261	19	4.9	0.0
30/01/2024 06:30	3.6	259	16	6.0	0.0
30/01/2024 06:40	3.7	257	15	6.1	0.0
30/01/2024 06:50	3.3	263	19	4.9	0.0
30/01/2024 07:00	3.1	264	20	5.1	0.0
30/01/2024 07:10	3.5	253	15	5.2	0.0
30/01/2024 07:20	3.4	254	16	5.0	0.0
30/01/2024 07:30	3.3	260	20	5.1	0.0
30/01/2024 07:40	3.3	257	17	5.3	0.0
30/01/2024 07:50	3.1	255	19	4.4	0.0
30/01/2024 08:00	3.1	253	21	4.6	0.0
30/01/2024 08:10	2.7	252	21	4.4	0.0
30/01/2024 08:20	2.9	246	21	4.5	0.0
30/01/2024 08:30	3.8	245	19	5.5	0.0
30/01/2024 08:40	3.8	253	23	5.5	0.0
30/01/2024 08:50	3.3	261	20	5.2	0.0
30/01/2024 09:00	3.6	251	19	5.7	0.0
30/01/2024 09:10	3.5	245	24	5.6	0.0
30/01/2024 09:20	3.2	241	18	5.7	0.0
30/01/2024 09:30	3.2	246	23	5.7	0.0
30/01/2024 09:40	3.2	249	23	5.6	0.0
30/01/2024 09:50	3.6	246	20	5.6	0.0
30/01/2024 10:00	3.2	248	29	5.3	0.0
30/01/2024 10:10	3.3	249	24	5.3	0.0
30/01/2024 10:20	3.2	256	28	5.0	0.0
30/01/2024 10:30	3.1	252	29	5.0	0.0
30/01/2024 10:40	3.7	249	17	5.3	0.0
30/01/2024 10:50	3.5	245	18	5.4	0.0
30/01/2024 11:00	3.4	243	22	5.3	0.0
30/01/2024 11:10	2.8	273	29	4.4	0.0
30/01/2024 11:20	2.8	302	33	4.8	0.0
30/01/2024 11:30	2.9	313	40	4.4	0.0
30/01/2024 11:40	3.4	321	28	5.2	0.0
30/01/2024 11:50	3.2	324	32	4.9	0.0
30/01/2024 12:00	3.5	327	32	5.6	0.0
30/01/2024 12:10	3.6	301	34	5.6	0.0
30/01/2024 12:20	3.6	315	30	5.6	0.0
30/01/2024 12:30	3.4	309	33	6.3	0.0
30/01/2024 12:40	3.5	327	26	5.4	0.0
30/01/2024 12:50	3.1	316	35	5.4	0.0
30/01/2024 13:00	3.0	309	34	4.8	0.0
30/01/2024 13:10	3.4	325	34	5.6	0.0
30/01/2024 13:20	3.6	326	31	5.3	0.0
30/01/2024 13:30	3.5	320	31	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 13:40	3.5	320	33	5.3	0.0
30/01/2024 13:50	3.8	316	28	6.4	0.0
30/01/2024 14:00	3.8	318	28	6.0	0.0
30/01/2024 14:10	3.2	305	38	5.6	0.0
30/01/2024 14:20	3.2	314	34	5.3	0.0
30/01/2024 14:30	3.8	316	32	5.9	0.0
30/01/2024 14:40	3.4	314	35	6.1	0.0
30/01/2024 14:50	3.7	276	40	5.9	0.0
30/01/2024 15:00	3.3	291	45	5.6	0.0
30/01/2024 15:10	4.1	292	36	6.9	0.0
30/01/2024 15:20	3.6	284	45	6.0	0.0
30/01/2024 15:30	3.3	312	32	5.6	0.0
30/01/2024 15:40	3.7	313	35	6.1	0.0
30/01/2024 15:50	3.4	295	41	6.0	0.0
30/01/2024 16:00	3.3	299	39	6.0	0.0
30/01/2024 16:10	3.8	315	37	6.8	0.0
30/01/2024 16:20	3.5	307	40	6.5	0.0
30/01/2024 16:30	3.2	292	38	5.5	0.0
30/01/2024 16:40	3.2	309	41	5.4	0.0
30/01/2024 16:50	3.4	289	38	5.6	0.0
30/01/2024 17:00	3.3	290	37	5.7	0.0
30/01/2024 17:10	3.2	293	39	5.9	0.0
30/01/2024 17:20	3.1	287	36	5.0	0.0
30/01/2024 17:30	2.8	274	39	4.8	0.0
30/01/2024 17:40	3.0	295	37	6.2	0.0
30/01/2024 17:50	3.1	299	43	5.6	0.0
30/01/2024 18:00	3.0	298	40	4.9	0.0
30/01/2024 18:10	3.2	301	38	6.0	0.0
30/01/2024 18:20	3.2	297	40	5.2	0.0
30/01/2024 18:30	2.8	288	43	5.6	0.0
30/01/2024 18:40	3.1	264	39	5.2	0.0
30/01/2024 18:50	3.1	269	43	5.5	0.0
30/01/2024 19:00	3.5	267	32	5.9	0.0
30/01/2024 19:10	3.0	264	31	5.6	0.0
30/01/2024 19:20	2.9	271	35	5.0	0.0
30/01/2024 19:30	2.7	270	39	4.4	0.0
30/01/2024 19:40	3.2	270	25	5.1	0.0
30/01/2024 19:50	3.4	260	20	5.2	0.0
30/01/2024 20:00	3.3	265	28	5.6	0.0
30/01/2024 20:10	3.3	264	24	5.6	0.0
30/01/2024 20:20	4.1	258	17	6.3	0.0
30/01/2024 20:30	4.8	253	13	6.9	0.0
30/01/2024 20:40	4.9	258	17	7.8	0.0
30/01/2024 20:50	5.2	254	15	7.4	0.0
30/01/2024 21:00	4.7	257	15	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 21:10	4.7	258	17	7.2	0.0
30/01/2024 21:20	4.7	259	17	7.5	0.0
30/01/2024 21:30	4.7	260	15	7.8	0.0
30/01/2024 21:40	4.4	256	16	6.2	0.0
30/01/2024 21:50	4.5	256	15	6.6	0.0
30/01/2024 22:00	4.4	257	15	6.3	0.0
30/01/2024 22:10	4.0	259	18	5.6	0.0
30/01/2024 22:20	4.0	256	16	6.0	0.0
30/01/2024 22:30	3.6	261	16	5.7	0.0
30/01/2024 22:40	3.1	260	18	4.8	0.0
30/01/2024 22:50	3.5	248	14	5.7	0.0
30/01/2024 23:00	3.3	257	17	4.8	0.0
30/01/2024 23:10	3.2	252	19	4.8	0.0
30/01/2024 23:20	3.3	248	15	4.8	0.0
30/01/2024 23:30	2.9	259	17	4.7	0.0
30/01/2024 23:40	3.0	254	17	4.7	0.0
30/01/2024 23:50	3.0	258	19	4.0	0.0
31/01/2024 00:00	2.8	260	15	4.4	0.0
01/02/2024 00:10	1.6	246	16	2.3	0.0
01/02/2024 00:20	1.6	256	22	2.5	0.0
01/02/2024 00:30	2.1	252	22	3.4	0.0
01/02/2024 00:40	2.9	255	14	4.2	0.0
01/02/2024 00:50	3.3	256	13	4.4	0.0
01/02/2024 01:00	2.6	252	18	3.6	0.0
01/02/2024 01:10	2.2	258	19	4.0	0.0
01/02/2024 01:20	2.7	251	15	3.9	0.0
01/02/2024 01:30	2.4	258	16	3.4	0.0
01/02/2024 01:40	2.6	254	16	3.6	0.0
01/02/2024 01:50	2.6	254	15	3.9	0.0
01/02/2024 02:00	1.8	272	29	4.0	0.0
01/02/2024 02:10	2.6	258	17	3.8	0.0
01/02/2024 02:20	2.8	258	17	4.1	0.0
01/02/2024 02:30	2.4	242	16	3.5	0.0
01/02/2024 02:40	2.2	245	14	3.1	0.0
01/02/2024 02:50	1.8	252	14	2.4	0.0
01/02/2024 03:00	1.7	260	11	2.2	0.0
01/02/2024 03:10	1.4	256	13	2.0	0.0
01/02/2024 03:20	1.9	254	11	2.5	0.0
01/02/2024 03:30	2.0	254	12	3.2	0.0
01/02/2024 03:40	1.9	261	17	2.7	0.0
01/02/2024 03:50	2.2	258	20	3.5	0.0
01/02/2024 04:00	2.2	263	26	3.2	0.0
01/02/2024 04:10	2.1	265	25	3.1	0.0
01/02/2024 04:20	1.9	258	19	2.8	0.0
01/02/2024 04:30	2.6	253	14	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 04:40	2.3	261	21	3.3	0.0
01/02/2024 04:50	2.4	255	15	3.3	0.0
01/02/2024 05:00	2.2	261	23	3.3	0.0
01/02/2024 05:10	2.0	274	27	3.3	0.0
01/02/2024 05:20	2.4	254	15	3.4	0.0
01/02/2024 05:30	3.0	255	15	4.6	0.0
01/02/2024 05:40	2.5	263	21	3.9	0.0
01/02/2024 05:50	2.1	265	25	4.4	0.0
01/02/2024 06:00	2.5	251	13	3.7	0.0
01/02/2024 06:10	3.0	253	15	4.3	0.0
01/02/2024 06:20	3.3	253	13	4.8	0.0
01/02/2024 06:30	2.9	257	15	4.3	0.0
01/02/2024 06:40	3.4	254	15	5.2	0.0
01/02/2024 06:50	3.8	255	14	5.2	0.0
01/02/2024 07:00	3.9	258	13	5.4	0.0
01/02/2024 07:10	3.9	255	14	5.3	0.0
01/02/2024 07:20	3.8	257	12	5.4	0.0
01/02/2024 07:30	4.2	256	14	5.7	0.0
01/02/2024 07:40	3.8	260	16	5.2	0.0
01/02/2024 07:50	3.8	256	14	5.8	0.0
01/02/2024 08:00	4.0	249	18	5.7	0.0
01/02/2024 08:10	4.3	252	17	5.7	0.0
01/02/2024 08:20	4.0	255	15	5.7	0.0
01/02/2024 08:30	4.2	252	16	6.3	0.0
01/02/2024 08:40	4.2	257	18	6.2	0.0
01/02/2024 08:50	4.4	255	14	6.2	0.0
01/02/2024 09:00	4.2	252	19	6.1	0.0
01/02/2024 09:10	4.2	257	18	5.8	0.0
01/02/2024 09:20	4.0	259	17	5.8	0.0
01/02/2024 09:30	4.2	258	17	5.7	0.0
01/02/2024 09:40	4.6	256	18	6.7	0.0
01/02/2024 09:50	4.3	259	17	6.0	0.0
01/02/2024 10:00	4.0	258	18	5.8	0.0
01/02/2024 10:10	4.7	252	17	6.7	0.0
01/02/2024 10:20	4.6	249	17	6.9	0.0
01/02/2024 10:30	4.4	250	20	6.2	0.0
01/02/2024 10:40	4.5	254	19	6.9	0.0
01/02/2024 10:50	4.9	250	17	7.3	0.0
01/02/2024 11:00	5.1	246	17	6.7	0.0
01/02/2024 11:10	4.6	250	22	6.8	0.0
01/02/2024 11:20	4.9	250	18	6.9	0.0
01/02/2024 11:30	4.6	252	16	6.8	0.0
01/02/2024 11:40	4.9	245	18	6.9	0.0
01/02/2024 11:50	4.9	240	15	7.0	0.0
01/02/2024 12:00	5.0	240	14	6.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 12:10	4.7	247	16	6.6	0.0
01/02/2024 12:20	4.7	245	18	6.9	0.0
01/02/2024 12:30	4.8	245	15	7.1	0.0
01/02/2024 12:40	4.8	242	17	6.4	0.0
01/02/2024 12:50	5.0	245	14	6.6	0.0
01/02/2024 13:00	4.9	250	17	7.2	0.0
01/02/2024 13:10	4.5	257	19	6.6	0.0
01/02/2024 13:20	3.5	273	34	6.2	0.0
01/02/2024 13:30	3.4	290	39	5.9	0.0
01/02/2024 13:40	3.9	261	25	5.6	0.0
01/02/2024 13:50	3.6	265	26	5.7	0.0
01/02/2024 14:00	3.5	271	30	5.5	0.0
01/02/2024 14:10	3.5	268	26	5.3	0.0
01/02/2024 14:20	3.5	272	26	5.6	0.0
01/02/2024 14:30	3.6	270	31	6.0	0.0
01/02/2024 14:40	3.8	261	23	5.4	0.0
01/02/2024 14:50	3.7	263	20	5.7	0.0
01/02/2024 15:00	3.6	267	25	5.7	0.0
01/02/2024 15:10	3.2	269	29	5.1	0.0
01/02/2024 15:20	3.8	263	19	6.1	0.0
01/02/2024 15:30	3.5	264	23	5.8	0.0
01/02/2024 15:40	3.1	269	30	5.1	0.0
01/02/2024 15:50	3.1	278	37	5.0	0.0
01/02/2024 16:00	3.3	279	26	5.7	0.0
01/02/2024 16:10	3.3	264	19	5.4	0.0
01/02/2024 16:20	3.5	264	18	5.5	0.0
01/02/2024 16:30	3.6	261	23	5.6	0.0
01/02/2024 16:40	3.4	261	24	5.1	0.0
01/02/2024 16:50	3.2	272	34	5.6	0.0
01/02/2024 17:00	3.1	277	30	5.4	0.0
01/02/2024 17:10	2.8	283	34	4.7	0.0
01/02/2024 17:20	3.3	270	31	5.6	0.0
01/02/2024 17:30	3.4	264	22	5.2	0.0
01/02/2024 17:40	4.4	257	16	6.3	0.0
01/02/2024 17:50	4.8	257	16	6.2	0.0
01/02/2024 18:00	5.1	252	16	7.1	0.0
01/02/2024 18:10	4.7	250	14	6.8	0.0
01/02/2024 18:20	5.1	248	16	7.4	0.0
01/02/2024 18:30	4.8	251	16	6.9	0.0
01/02/2024 18:40	5.3	250	15	7.5	0.0
01/02/2024 18:50	4.8	253	17	6.8	0.0
01/02/2024 19:00	4.5	254	17	6.9	0.0
01/02/2024 19:10	4.8	251	15	7.5	0.0
01/02/2024 19:20	5.1	249	14	7.3	0.0
01/02/2024 19:30	4.8	251	13	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/02/2024 19:40	4.4	254	15	6.6	0.0
01/02/2024 19:50	4.7	253	14	6.7	0.0
01/02/2024 20:00	4.7	249	14	6.6	0.0
01/02/2024 20:10	4.7	248	17	6.8	0.0
01/02/2024 20:20	4.2	247	20	5.7	0.0
01/02/2024 20:30	3.8	246	17	5.6	0.0
01/02/2024 20:40	4.7	253	14	6.4	0.0
01/02/2024 20:50	4.4	246	16	6.0	0.0
01/02/2024 21:00	4.3	250	15	6.3	0.0
01/02/2024 21:10	4.1	254	17	6.3	0.0
01/02/2024 21:20	4.1	253	16	6.2	0.0
01/02/2024 21:30	4.9	254	15	6.8	0.0
01/02/2024 21:40	4.0	260	15	6.0	0.0
01/02/2024 21:50	4.4	255	15	6.0	0.0
01/02/2024 22:00	4.7	256	15	6.5	0.0
01/02/2024 22:10	4.9	253	15	6.8	0.0
01/02/2024 22:20	4.7	251	14	6.4	0.0
01/02/2024 22:30	4.8	253	13	6.4	0.0
01/02/2024 22:40	4.2	258	15	6.0	0.0
01/02/2024 22:50	4.4	251	14	6.0	0.0
01/02/2024 23:00	2.9	217	23	5.0	0.0
01/02/2024 23:10	2.8	248	14	4.0	0.0
01/02/2024 23:20	2.4	242	21	3.5	0.0
01/02/2024 23:30	1.4	209	25	2.2	0.0
01/02/2024 23:40	1.8	223	35	2.9	0.0
01/02/2024 23:50	2.8	242	14	3.8	0.0
02/02/2024 00:00	2.6	253	16	3.8	0.0
02/02/2024 00:10	3.1	250	18	4.4	0.0
02/02/2024 00:20	3.8	254	11	5.2	0.0
02/02/2024 00:30	4.7	255	12	6.4	0.0
02/02/2024 00:40	4.1	256	14	5.2	0.0
02/02/2024 00:50	4.0	262	16	6.0	0.0
02/02/2024 01:00	4.1	257	15	5.7	0.0
02/02/2024 01:10	4.5	260	14	6.8	0.0
02/02/2024 01:20	4.0	256	15	5.7	0.0
02/02/2024 01:30	4.0	257	14	5.8	0.0
02/02/2024 01:40	4.2	253	13	6.0	0.0
02/02/2024 01:50	4.3	255	13	6.1	0.0
02/02/2024 02:00	4.2	256	16	5.8	0.0
02/02/2024 02:10	4.1	254	15	6.4	0.0
02/02/2024 02:20	3.8	257	15	5.3	0.0
02/02/2024 02:30	3.8	262	13	5.2	0.0
02/02/2024 02:40	3.6	254	13	5.1	0.0
02/02/2024 02:50	3.9	256	14	5.3	0.0
02/02/2024 03:00	4.1	254	15	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 03:10	3.7	259	15	5.2	0.0
02/02/2024 03:20	4.3	260	16	6.3	0.0
02/02/2024 03:30	4.4	256	17	6.2	0.0
02/02/2024 03:40	4.5	260	14	6.6	0.0
02/02/2024 03:50	3.9	258	16	5.4	0.0
02/02/2024 04:00	3.8	257	15	5.6	0.0
02/02/2024 04:10	4.1	256	16	6.0	0.0
02/02/2024 04:20	4.0	254	16	5.9	0.0
02/02/2024 04:30	3.7	257	15	5.8	0.0
02/02/2024 04:40	4.9	257	11	7.0	0.0
02/02/2024 04:50	4.6	258	16	6.8	0.0
02/02/2024 05:00	4.4	254	14	6.0	0.0
02/02/2024 05:10	5.0	260	16	6.8	0.0
02/02/2024 05:20	3.2	254	18	4.9	0.0
02/02/2024 05:30	3.7	253	17	5.6	0.0
02/02/2024 05:40	3.2	240	15	4.7	0.0
02/02/2024 05:50	3.8	247	16	5.6	0.0
02/02/2024 06:00	4.1	253	15	5.7	0.0
02/02/2024 06:10	4.4	252	16	6.1	0.0
02/02/2024 06:20	4.1	250	16	5.6	0.0
02/02/2024 06:30	3.6	252	15	5.5	0.0
02/02/2024 06:40	3.2	257	20	4.8	0.0
02/02/2024 06:50	3.4	256	17	4.7	0.0
02/02/2024 07:00	3.5	259	16	5.0	0.0
02/02/2024 07:10	3.4	255	18	5.5	0.0
02/02/2024 07:20	3.7	255	16	5.4	0.0
02/02/2024 07:30	3.0	259	20	4.5	0.0
02/02/2024 07:40	3.3	255	20	5.2	0.0
02/02/2024 07:50	3.4	257	19	5.1	0.0
02/02/2024 08:00	4.1	253	15	5.8	0.0
02/02/2024 08:10	4.0	255	19	6.3	0.0
02/02/2024 08:20	4.2	255	16	6.3	0.0
02/02/2024 08:30	4.3	258	14	5.9	0.0
02/02/2024 08:40	4.3	258	17	6.1	0.0
02/02/2024 08:50	4.6	252	15	6.9	0.0
02/02/2024 09:00	5.0	258	16	7.2	0.0
02/02/2024 09:10	5.0	248	14	6.9	0.0
02/02/2024 09:20	5.2	252	15	7.3	0.0
02/02/2024 09:30	4.8	255	16	6.6	0.0
02/02/2024 09:40	5.0	252	17	6.9	0.0
02/02/2024 09:50	4.9	250	15	6.6	0.0
02/02/2024 10:00	4.1	255	19	5.6	0.0
02/02/2024 10:10	4.3	261	19	6.5	0.0
02/02/2024 10:20	4.6	250	16	6.5	0.0
02/02/2024 10:30	4.7	254	15	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 10:40	4.6	258	16	6.0	0.0
02/02/2024 10:50	4.5	259	16	6.5	0.0
02/02/2024 11:00	5.3	257	16	7.6	0.0
02/02/2024 11:10	4.7	255	16	7.0	0.0
02/02/2024 11:20	5.3	253	14	7.3	0.0
02/02/2024 11:30	5.2	252	16	7.4	0.0
02/02/2024 11:40	4.9	255	14	7.1	0.0
02/02/2024 11:50	4.8	254	17	7.1	0.0
02/02/2024 12:00	5.0	255	20	7.1	0.0
02/02/2024 12:10	4.9	252	15	6.5	0.0
02/02/2024 12:20	4.4	256	15	6.6	0.0
02/02/2024 12:30	4.8	251	16	6.8	0.0
02/02/2024 12:40	4.4	252	18	6.4	0.0
02/02/2024 12:50	3.2	270	30	5.3	0.0
02/02/2024 13:00	3.3	280	33	5.9	0.0
02/02/2024 13:10	3.5	280	37	5.6	0.0
02/02/2024 13:20	3.6	265	30	5.9	0.0
02/02/2024 13:30	3.7	276	33	6.0	0.0
02/02/2024 13:40	3.7	274	34	6.5	0.0
02/02/2024 13:50	3.6	276	37	6.3	0.0
02/02/2024 14:00	4.3	321	29	7.1	0.0
02/02/2024 14:10	4.1	307	34	6.6	0.0
02/02/2024 14:20	3.5	297	38	6.2	0.0
02/02/2024 14:30	3.7	286	35	6.6	0.0
02/02/2024 14:40	3.5	300	34	6.0	0.0
02/02/2024 14:50	3.3	292	40	6.5	0.0
02/02/2024 15:00	3.7	298	36	6.5	0.0
02/02/2024 15:10	3.7	291	40	6.3	0.0
02/02/2024 15:20	4.1	269	30	6.8	0.0
02/02/2024 15:30	3.7	270	30	6.1	0.0
02/02/2024 15:40	4.2	269	28	6.8	0.0
02/02/2024 15:50	3.6	272	28	6.0	0.0
02/02/2024 16:00	4.2	258	19	6.7	0.0
02/02/2024 16:10	5.6	254	16	7.5	0.0
02/02/2024 16:20	5.1	254	14	7.4	0.0
02/02/2024 16:30	5.6	255	14	8.2	0.0
02/02/2024 16:40	4.3	261	18	6.6	0.0
02/02/2024 16:50	5.2	256	18	7.6	0.0
02/02/2024 17:00	5.2	247	16	7.1	0.0
02/02/2024 17:10	5.4	246	19	7.5	0.0
02/02/2024 17:20	6.1	245	15	8.6	0.0
02/02/2024 17:30	5.7	250	15	8.2	0.0
02/02/2024 17:40	5.7	253	14	7.9	0.0
02/02/2024 17:50	5.2	244	15	7.4	0.0
02/02/2024 18:00	4.4	257	15	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/02/2024 18:10	3.8	237	16	5.9	0.0
02/02/2024 18:20	3.9	252	15	5.2	0.0
02/02/2024 18:30	3.9	250	14	5.5	0.0
02/02/2024 18:40	3.4	233	16	4.8	0.0
02/02/2024 18:50	3.1	249	20	5.0	0.0
02/02/2024 19:00	1.7	210	27	2.9	0.0
02/02/2024 19:10	1.4	161	39	3.5	0.0
02/02/2024 19:20	1.0	147	34	2.0	0.1
02/02/2024 19:30	1.9	204	24	3.6	0.0
02/02/2024 19:40	2.0	239	17	3.1	0.0
02/02/2024 19:50	2.3	276	14	3.5	0.1
02/02/2024 20:00	2.6	283	16	4.0	0.0
02/02/2024 20:10	2.4	271	19	3.6	0.0
02/02/2024 20:20	2.8	265	19	4.0	0.0
02/02/2024 20:30	3.6	261	15	5.2	0.0
02/02/2024 20:40	4.0	253	14	5.6	0.0
02/02/2024 20:50	5.4	252	14	7.8	0.0
02/02/2024 21:00	5.6	252	16	8.0	0.0
02/02/2024 21:10	5.0	247	16	7.2	0.0
02/02/2024 21:20	5.3	237	17	7.6	0.0
02/02/2024 21:30	5.6	239	15	7.5	0.0
02/02/2024 21:40	4.3	239	18	6.5	0.0
02/02/2024 21:50	3.7	249	17	5.8	0.0
02/02/2024 22:00	3.9	249	16	5.6	0.0
02/02/2024 22:10	3.6	253	17	5.2	0.0
02/02/2024 22:20	4.5	255	16	6.8	0.0
02/02/2024 22:30	4.7	253	13	6.9	0.0
02/02/2024 22:40	4.3	255	14	6.2	0.0
02/02/2024 22:50	4.6	256	12	6.1	0.0
02/02/2024 23:00	4.5	260	18	6.6	0.0
02/02/2024 23:10	4.2	244	17	6.0	0.0
02/02/2024 23:20	4.4	250	17	6.7	0.0
02/02/2024 23:30	3.5	260	18	5.6	0.0
02/02/2024 23:40	3.8	263	17	5.5	0.0
02/02/2024 23:50	3.3	268	18	5.6	0.0
03/02/2024 00:00	3.8	262	15	5.3	0.0
03/02/2024 00:10	3.9	262	16	5.6	0.0
03/02/2024 00:20	3.3	260	16	4.4	0.0
03/02/2024 00:30	2.9	265	16	4.4	0.0
03/02/2024 00:40	3.0	263	17	4.6	0.0
03/02/2024 00:50	2.5	262	29	4.0	0.0
03/02/2024 01:00	2.0	264	29	3.3	0.0
03/02/2024 01:10	1.6	338	43	3.0	0.0
03/02/2024 01:20	1.7	323	27	3.3	0.0
03/02/2024 01:30	1.9	315	33	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 01:40	1.9	319	33	3.0	0.0
03/02/2024 01:50	1.9	306	31	3.8	0.0
03/02/2024 02:00	2.4	282	40	4.0	0.0
03/02/2024 02:10	3.7	259	18	5.8	0.0
03/02/2024 02:20	3.2	260	24	4.8	0.0
03/02/2024 02:30	3.8	258	24	5.4	0.0
03/02/2024 02:40	4.7	254	16	6.3	0.0
03/02/2024 02:50	3.2	259	21	5.4	0.0
03/02/2024 03:00	1.8	268	42	3.2	0.0
03/02/2024 03:10	2.7	265	19	4.2	0.0
03/02/2024 03:20	4.1	256	17	5.8	0.0
03/02/2024 03:30	2.9	264	20	4.6	0.0
03/02/2024 03:40	2.8	266	22	4.4	0.0
03/02/2024 03:50	3.1	257	17	4.9	0.0
03/02/2024 04:00	3.8	259	14	5.2	0.0
03/02/2024 04:10	3.7	260	16	5.4	0.0
03/02/2024 04:20	3.5	262	15	5.2	0.0
03/02/2024 04:30	3.8	258	16	5.8	0.0
03/02/2024 04:40	4.0	254	16	5.9	0.0
03/02/2024 04:50	3.2	249	17	5.2	0.0
03/02/2024 05:00	3.8	255	15	5.1	0.0
03/02/2024 05:10	3.1	260	16	4.0	0.0
03/02/2024 05:20	3.0	260	15	4.3	0.0
03/02/2024 05:30	2.9	262	19	4.0	0.0
03/02/2024 05:40	3.1	259	15	5.2	0.0
03/02/2024 05:50	2.8	262	17	4.2	0.0
03/02/2024 06:00	2.7	263	18	4.0	0.0
03/02/2024 06:10	2.5	269	20	4.1	0.0
03/02/2024 06:20	4.3	254	12	5.5	0.0
03/02/2024 06:30	3.2	258	15	4.4	0.0
03/02/2024 06:40	2.1	267	27	3.6	0.0
03/02/2024 06:50	4.0	257	18	5.6	0.0
03/02/2024 07:00	3.7	256	15	5.7	0.0
03/02/2024 07:10	3.6	260	17	5.4	0.0
03/02/2024 07:20	4.0	256	15	5.7	0.0
03/02/2024 07:30	4.0	255	17	6.8	0.0
03/02/2024 07:40	4.4	251	15	6.1	0.0
03/02/2024 07:50	4.2	256	16	6.3	0.0
03/02/2024 08:00	4.2	257	18	6.4	0.0
03/02/2024 08:10	4.6	249	13	6.6	0.0
03/02/2024 08:20	4.3	256	16	7.2	0.0
03/02/2024 08:30	4.4	254	16	6.9	0.0
03/02/2024 08:40	4.5	259	17	6.0	0.0
03/02/2024 08:50	4.9	252	16	7.0	0.0
03/02/2024 09:00	4.9	254	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 09:10	4.8	253	17	6.9	0.0
03/02/2024 09:20	4.8	254	18	6.8	0.0
03/02/2024 09:30	4.9	258	18	7.5	0.0
03/02/2024 09:40	4.5	256	17	7.5	0.0
03/02/2024 09:50	4.7	258	16	6.8	0.0
03/02/2024 10:00	4.4	264	18	6.6	0.0
03/02/2024 10:10	4.7	260	17	7.5	0.0
03/02/2024 10:20	5.4	259	17	7.9	0.0
03/02/2024 10:30	5.3	260	16	7.2	0.0
03/02/2024 10:40	5.4	259	19	7.7	0.0
03/02/2024 10:50	5.2	262	19	7.7	0.0
03/02/2024 11:00	4.9	259	17	7.2	0.0
03/02/2024 11:10	5.1	258	19	7.8	0.0
03/02/2024 11:20	5.3	261	15	7.3	0.0
03/02/2024 11:30	5.1	255	16	6.9	0.0
03/02/2024 11:40	5.3	262	19	7.5	0.0
03/02/2024 11:50	5.8	256	17	8.1	0.0
03/02/2024 12:00	5.6	253	15	8.0	0.0
03/02/2024 12:10	5.0	253	18	7.0	0.0
03/02/2024 12:20	5.1	253	17	7.2	0.0
03/02/2024 12:30	5.0	252	19	7.5	0.0
03/02/2024 12:40	5.1	257	18	7.5	0.0
03/02/2024 12:50	5.3	250	17	7.7	0.0
03/02/2024 13:00	5.2	251	16	7.4	0.0
03/02/2024 13:10	5.7	246	14	7.7	0.0
03/02/2024 13:20	5.8	246	15	8.0	0.0
03/02/2024 13:30	6.0	245	17	7.9	0.0
03/02/2024 13:40	6.0	243	16	7.9	0.0
03/02/2024 13:50	6.4	244	15	8.5	0.0
03/02/2024 14:00	6.3	245	14	8.6	0.0
03/02/2024 14:10	5.8	243	16	8.2	0.0
03/02/2024 14:20	6.0	244	17	7.9	0.0
03/02/2024 14:30	5.5	244	15	8.3	0.0
03/02/2024 14:40	5.7	246	16	7.8	0.0
03/02/2024 14:50	5.2	246	15	7.5	0.0
03/02/2024 15:00	5.5	255	19	8.1	0.0
03/02/2024 15:10	5.5	249	19	8.1	0.0
03/02/2024 15:20	5.7	245	18	7.5	0.0
03/02/2024 15:30	5.6	247	18	7.5	0.0
03/02/2024 15:40	5.5	250	16	7.9	0.0
03/02/2024 15:50	6.1	250	16	9.0	0.0
03/02/2024 16:00	5.6	255	14	7.7	0.0
03/02/2024 16:10	5.5	258	17	9.1	0.0
03/02/2024 16:20	5.7	254	19	8.2	0.0
03/02/2024 16:30	5.2	255	18	8.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/02/2024 16:40	4.9	263	22	7.5	0.0
03/02/2024 16:50	5.6	255	17	8.8	0.0
03/02/2024 17:00	5.4	259	19	8.7	0.0
03/02/2024 17:10	5.9	261	18	8.7	0.0
03/02/2024 17:20	5.6	259	19	8.8	0.0
03/02/2024 17:30	5.8	259	20	9.3	0.0
03/02/2024 17:40	6.1	259	19	8.6	0.0
03/02/2024 17:50	5.4	258	18	8.2	0.0
03/02/2024 18:00	5.3	265	19	7.5	0.0
03/02/2024 18:10	5.3	264	18	7.9	0.0
03/02/2024 18:20	6.2	260	16	9.1	0.0
03/02/2024 18:30	6.0	260	15	9.6	0.0
03/02/2024 18:40	6.0	257	16	9.8	0.0
03/02/2024 18:50	6.1	257	20	9.5	0.0
03/02/2024 19:00	6.0	252	14	8.9	0.0
03/02/2024 19:10	5.5	257	15	8.4	0.0
03/02/2024 19:20	4.9	254	16	7.5	0.0
03/02/2024 19:30	5.3	252	17	9.1	0.0
03/02/2024 19:40	4.9	254	15	7.5	0.0
03/02/2024 19:50	5.0	247	17	7.2	0.0
03/02/2024 20:00	5.4	249	16	7.9	0.0
03/02/2024 20:10	5.9	250	14	8.6	0.0
03/02/2024 20:20	4.9	254	17	6.6	0.0
03/02/2024 20:30	5.4	254	16	8.1	0.0
03/02/2024 20:40	4.9	257	18	7.3	0.0
03/02/2024 20:50	5.5	252	15	7.7	0.0
03/02/2024 21:00	5.0	254	20	7.2	0.0
03/02/2024 21:10	5.1	257	19	8.3	0.0
03/02/2024 21:20	5.8	251	16	8.3	0.0
03/02/2024 21:30	5.6	250	17	7.8	0.0
03/02/2024 21:40	5.1	247	17	7.9	0.0
03/02/2024 21:50	4.3	225	20	6.2	0.0
03/02/2024 22:00	3.3	246	17	5.2	0.0
03/02/2024 22:10	3.4	237	20	5.5	0.0
03/02/2024 22:20	3.4	241	19	5.0	0.0
03/02/2024 22:30	4.5	253	18	6.3	0.0
03/02/2024 22:40	4.2	253	16	6.1	0.0
03/02/2024 22:50	4.4	250	15	6.4	0.0
03/02/2024 23:00	4.2	255	16	6.0	0.0
03/02/2024 23:10	4.4	258	17	6.8	0.0
03/02/2024 23:20	3.7	258	18	5.3	0.0
03/02/2024 23:30	4.1	260	17	6.0	0.0
03/02/2024 23:40	3.9	249	18	5.8	0.0
03/02/2024 23:50	3.8	259	19	6.0	0.0
04/02/2024 00:00	3.5	263	19	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 00:10	4.7	252	15	6.7	0.0
04/02/2024 00:20	4.7	253	16	7.3	0.0
04/02/2024 00:30	4.8	259	18	6.9	0.0
04/02/2024 00:40	4.5	258	20	7.1	0.0
04/02/2024 00:50	4.7	256	15	6.9	0.0
04/02/2024 01:00	4.8	259	19	7.1	0.0
04/02/2024 01:10	4.6	258	21	6.8	0.0
04/02/2024 01:20	4.7	258	17	6.8	0.0
04/02/2024 01:30	5.0	259	19	7.6	0.0
04/02/2024 01:40	5.6	257	16	7.9	0.0
04/02/2024 01:50	6.1	257	17	8.5	0.0
04/02/2024 02:00	6.7	254	19	9.9	0.0
04/02/2024 02:10	6.2	251	15	9.2	0.0
04/02/2024 02:20	6.1	256	19	8.7	0.0
04/02/2024 02:30	6.3	256	17	9.3	0.0
04/02/2024 02:40	5.7	253	18	8.9	0.0
04/02/2024 02:50	5.5	260	14	8.0	0.0
04/02/2024 03:00	6.0	258	17	8.9	0.0
04/02/2024 03:10	5.5	256	16	8.2	0.0
04/02/2024 03:20	5.1	260	15	7.8	0.0
04/02/2024 03:30	5.8	256	14	8.9	0.0
04/02/2024 03:40	5.6	256	18	8.7	0.0
04/02/2024 03:50	5.7	255	18	8.7	0.0
04/02/2024 04:00	5.4	258	20	8.2	0.0
04/02/2024 04:10	5.5	259	18	8.7	0.0
04/02/2024 04:20	5.2	260	20	8.5	0.0
04/02/2024 04:30	5.6	257	16	7.9	0.0
04/02/2024 04:40	6.2	257	15	8.6	0.0
04/02/2024 04:50	5.7	253	18	8.2	0.0
04/02/2024 05:00	5.4	255	17	8.3	0.0
04/02/2024 05:10	6.2	252	14	8.9	0.0
04/02/2024 05:20	6.3	252	14	9.0	0.0
04/02/2024 05:30	5.9	255	15	8.7	0.0
04/02/2024 05:40	6.0	251	16	9.2	0.0
04/02/2024 05:50	5.7	253	18	8.7	0.0
04/02/2024 06:00	5.7	254	18	8.0	0.0
04/02/2024 06:10	5.6	248	16	8.9	0.0
04/02/2024 06:20	5.5	250	17	8.0	0.0
04/02/2024 06:30	5.7	252	16	8.7	0.0
04/02/2024 06:40	6.0	251	17	8.7	0.0
04/02/2024 06:50	5.7	254	19	8.6	0.0
04/02/2024 07:00	5.9	258	16	8.6	0.0
04/02/2024 07:10	4.7	260	23	7.0	0.0
04/02/2024 07:20	3.8	252	23	5.9	0.0
04/02/2024 07:30	5.0	260	23	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 07:40	5.4	250	13	7.8	0.0
04/02/2024 07:50	5.9	249	18	8.7	0.0
04/02/2024 08:00	6.3	252	16	8.7	0.0
04/02/2024 08:10	6.3	250	16	8.8	0.0
04/02/2024 08:20	6.0	255	15	9.1	0.0
04/02/2024 08:30	5.9	248	16	9.1	0.0
04/02/2024 08:40	6.2	248	18	8.8	0.0
04/02/2024 08:50	5.8	252	17	8.2	0.0
04/02/2024 09:00	5.5	252	21	8.3	0.0
04/02/2024 09:10	5.4	249	19	7.7	0.0
04/02/2024 09:20	5.4	249	19	7.6	0.0
04/02/2024 09:30	5.2	256	19	7.8	0.0
04/02/2024 09:40	5.5	248	15	7.9	0.0
04/02/2024 09:50	5.2	260	18	8.0	0.0
04/02/2024 10:00	5.6	253	17	8.7	0.0
04/02/2024 10:10	5.4	254	19	8.3	0.0
04/02/2024 10:20	5.2	260	18	7.2	0.0
04/02/2024 10:30	5.3	256	20	8.1	0.0
04/02/2024 10:40	5.4	257	20	7.5	0.0
04/02/2024 10:50	5.2	259	22	8.2	0.0
04/02/2024 11:00	5.3	258	16	7.4	0.0
04/02/2024 11:10	4.9	260	19	7.7	0.0
04/02/2024 11:20	5.2	254	20	7.5	0.0
04/02/2024 11:30	5.3	252	18	8.1	0.0
04/02/2024 11:40	4.9	256	18	7.7	0.0
04/02/2024 11:50	5.1	256	18	7.4	0.0
04/02/2024 12:00	5.3	254	17	7.9	0.0
04/02/2024 12:10	5.3	256	17	8.0	0.0
04/02/2024 12:20	5.3	258	18	8.1	0.0
04/02/2024 12:30	4.2	260	21	6.6	0.0
04/02/2024 12:40	3.5	280	31	5.8	0.0
04/02/2024 12:50	3.8	299	34	6.8	0.0
04/02/2024 13:00	3.7	288	37	6.4	0.0
04/02/2024 13:10	4.1	269	30	7.2	0.0
04/02/2024 13:20	4.0	267	23	6.4	0.0
04/02/2024 13:30	3.7	274	33	6.4	0.0
04/02/2024 13:40	4.0	276	35	6.9	0.0
04/02/2024 13:50	3.8	287	32	6.0	0.0
04/02/2024 14:00	4.1	270	33	6.8	0.0
04/02/2024 14:10	4.2	271	36	6.9	0.0
04/02/2024 14:20	3.9	273	34	6.4	0.0
04/02/2024 14:30	4.1	267	32	6.6	0.0
04/02/2024 14:40	3.9	283	41	6.2	0.0
04/02/2024 14:50	3.9	283	40	7.4	0.0
04/02/2024 15:00	4.0	262	28	6.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 15:10	3.5	270	32	6.1	0.0
04/02/2024 15:20	4.1	277	35	6.5	0.0
04/02/2024 15:30	3.8	272	33	6.3	0.0
04/02/2024 15:40	4.1	268	33	6.4	0.0
04/02/2024 15:50	4.0	272	29	7.1	0.0
04/02/2024 16:00	4.3	263	30	6.8	0.0
04/02/2024 16:10	4.4	262	27	6.6	0.0
04/02/2024 16:20	4.0	267	29	7.0	0.0
04/02/2024 16:30	4.3	263	22	6.4	0.0
04/02/2024 16:40	3.8	272	26	6.3	0.0
04/02/2024 16:50	3.5	278	35	6.1	0.0
04/02/2024 17:00	3.6	282	37	6.7	0.0
04/02/2024 17:10	3.4	279	36	6.8	0.0
04/02/2024 17:20	4.1	271	28	6.8	0.0
04/02/2024 17:30	4.5	259	21	7.8	0.0
04/02/2024 17:40	4.8	256	18	7.5	0.0
04/02/2024 17:50	4.2	263	26	6.5	0.0
04/02/2024 18:00	4.3	261	24	6.3	0.0
04/02/2024 18:10	4.3	263	22	6.2	0.0
04/02/2024 18:20	3.9	260	25	6.3	0.0
04/02/2024 18:30	3.7	262	23	6.0	0.0
04/02/2024 18:40	3.7	263	24	6.3	0.0
04/02/2024 18:50	3.8	264	27	5.7	0.0
04/02/2024 19:00	3.5	266	28	5.5	0.0
04/02/2024 19:10	3.9	257	19	5.8	0.0
04/02/2024 19:20	4.0	260	25	5.5	0.0
04/02/2024 19:30	4.0	264	26	6.0	0.0
04/02/2024 19:40	3.7	266	28	6.2	0.0
04/02/2024 19:50	3.6	273	31	6.6	0.0
04/02/2024 20:00	3.9	269	31	6.0	0.0
04/02/2024 20:10	4.0	267	22	6.7	0.0
04/02/2024 20:20	4.3	265	26	6.2	0.0
04/02/2024 20:30	4.3	257	20	6.1	0.0
04/02/2024 20:40	4.5	257	22	6.7	0.0
04/02/2024 20:50	3.9	267	29	6.7	0.0
04/02/2024 21:00	4.2	259	21	6.7	0.0
04/02/2024 21:10	4.0	261	26	6.7	0.0
04/02/2024 21:20	3.9	260	24	6.3	0.0
04/02/2024 21:30	4.0	257	25	5.7	0.0
04/02/2024 21:40	3.9	257	21	5.9	0.0
04/02/2024 21:50	3.8	258	28	5.6	0.0
04/02/2024 22:00	4.1	261	23	6.4	0.0
04/02/2024 22:10	3.7	265	25	5.5	0.0
04/02/2024 22:20	4.0	263	23	7.5	0.0
04/02/2024 22:30	3.7	265	25	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/02/2024 22:40	3.9	264	23	6.0	0.0
04/02/2024 22:50	3.7	267	23	6.3	0.0
04/02/2024 23:00	3.8	259	20	6.4	0.0
04/02/2024 23:10	4.3	259	21	6.4	0.0
04/02/2024 23:20	3.9	260	23	6.0	0.0
04/02/2024 23:30	4.1	259	20	6.3	0.0
04/02/2024 23:40	3.8	257	22	7.0	0.0
04/02/2024 23:50	3.7	260	21	5.6	0.0
05/02/2024 00:00	3.7	255	18	5.6	0.0
05/02/2024 00:10	4.1	256	19	6.4	0.0
05/02/2024 00:20	4.5	257	18	6.6	0.0
05/02/2024 00:30	3.8	259	19	5.6	0.0
05/02/2024 00:40	2.8	264	23	4.9	0.0
05/02/2024 00:50	2.9	255	23	4.9	0.0
05/02/2024 01:00	2.7	260	26	4.2	0.0
05/02/2024 01:10	3.0	262	25	4.7	0.0
05/02/2024 01:20	3.5	261	24	5.2	0.0
05/02/2024 01:30	2.9	261	29	4.6	0.0
05/02/2024 01:40	2.9	260	24	4.8	0.0
05/02/2024 01:50	3.5	253	17	5.5	0.0
05/02/2024 02:00	3.7	254	16	5.2	0.0
05/02/2024 02:10	3.2	268	22	4.9	0.0
05/02/2024 02:20	2.6	265	23	3.7	0.0
05/02/2024 02:30	2.7	268	22	4.1	0.0
05/02/2024 02:40	2.6	271	25	4.0	0.0
05/02/2024 02:50	3.4	268	20	5.7	0.0
05/02/2024 03:00	3.7	262	18	5.6	0.0
05/02/2024 03:10	3.1	264	18	4.5	0.0
05/02/2024 03:20	3.3	268	16	5.2	0.0
05/02/2024 03:30	3.2	266	17	4.7	0.0
05/02/2024 03:40	3.3	265	17	4.8	0.0
05/02/2024 03:50	3.3	267	20	5.0	0.0
05/02/2024 04:00	3.2	269	21	5.2	0.0
05/02/2024 04:10	3.3	263	19	4.7	0.0
05/02/2024 04:20	3.6	259	15	5.3	0.0
05/02/2024 04:30	3.8	261	17	5.6	0.0
05/02/2024 04:40	3.4	262	18	4.9	0.0
05/02/2024 04:50	3.8	261	16	5.5	0.0
05/02/2024 05:00	3.9	259	14	5.9	0.0
05/02/2024 05:10	3.7	260	15	5.3	0.0
05/02/2024 05:20	3.8	260	15	5.3	0.0
05/02/2024 05:30	4.1	259	16	5.5	0.0
05/02/2024 05:40	4.0	262	17	5.7	0.0
05/02/2024 05:50	4.3	258	15	6.1	0.0
05/02/2024 06:00	4.6	259	13	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 06:10	4.3	260	15	6.0	0.0
05/02/2024 06:20	4.3	260	15	5.8	0.0
05/02/2024 06:30	4.4	257	15	5.9	0.0
05/02/2024 06:40	4.4	259	15	6.6	0.0
05/02/2024 06:50	4.3	263	17	6.5	0.0
05/02/2024 07:00	4.3	259	16	6.4	0.0
05/02/2024 07:10	4.4	257	18	6.4	0.0
05/02/2024 07:20	4.7	258	15	7.0	0.0
05/02/2024 07:30	5.2	256	14	7.5	0.0
05/02/2024 07:40	5.8	251	14	7.9	0.0
05/02/2024 07:50	5.7	253	15	7.6	0.0
05/02/2024 08:00	5.1	256	16	7.4	0.0
05/02/2024 08:10	5.7	253	16	7.5	0.0
05/02/2024 08:20	5.5	255	16	7.5	0.0
05/02/2024 08:30	5.2	254	14	7.1	0.0
05/02/2024 08:40	5.4	257	14	7.8	0.0
05/02/2024 08:50	5.2	256	17	7.2	0.0
05/02/2024 09:00	4.9	256	17	6.9	0.0
05/02/2024 09:10	5.1	255	17	6.8	0.0
05/02/2024 09:20	4.3	258	15	6.1	0.0
05/02/2024 09:30	4.6	251	16	6.4	0.0
05/02/2024 09:40	4.3	261	17	6.4	0.0
05/02/2024 09:50	4.2	258	20	7.0	0.0
05/02/2024 10:00	4.5	255	15	6.4	0.0
05/02/2024 10:10	4.0	256	17	5.8	0.0
05/02/2024 10:20	4.1	254	16	6.2	0.0
05/02/2024 10:30	4.5	257	16	6.2	0.0
05/02/2024 10:40	4.5	256	17	6.7	0.0
05/02/2024 10:50	5.0	252	15	6.8	0.0
05/02/2024 11:00	5.0	250	18	6.4	0.0
05/02/2024 11:10	5.0	252	15	6.9	0.0
05/02/2024 11:20	4.8	254	15	6.4	0.0
05/02/2024 11:30	4.8	258	16	6.7	0.0
05/02/2024 11:40	4.9	256	14	6.8	0.0
05/02/2024 11:50	4.9	259	18	7.1	0.0
05/02/2024 12:00	5.2	250	14	7.0	0.0
05/02/2024 12:10	4.9	247	17	7.0	0.0
05/02/2024 12:20	4.8	249	18	6.8	0.0
05/02/2024 12:30	4.7	248	17	6.5	0.0
05/02/2024 12:40	4.2	248	17	6.4	0.0
05/02/2024 12:50	4.5	250	15	6.8	0.0
05/02/2024 13:00	4.5	252	15	5.9	0.0
05/02/2024 13:10	3.6	259	23	5.4	0.0
05/02/2024 13:20	3.1	264	30	5.2	0.0
05/02/2024 13:30	3.2	259	25	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 13:40	2.8	290	43	4.9	0.0
05/02/2024 13:50	3.1	285	36	5.0	0.0
05/02/2024 14:00	2.6	293	37	4.8	0.0
05/02/2024 14:10	3.8	266	34	5.7	0.0
05/02/2024 14:20	4.1	259	23	6.2	0.0
05/02/2024 14:30	3.1	286	33	5.1	0.0
05/02/2024 14:40	3.0	288	35	4.8	0.0
05/02/2024 14:50	2.9	279	34	5.2	0.0
05/02/2024 15:00	3.3	309	36	5.2	0.0
05/02/2024 15:10	3.4	309	36	5.4	0.0
05/02/2024 15:20	3.3	300	35	5.1	0.0
05/02/2024 15:30	2.9	279	41	5.3	0.0
05/02/2024 15:40	2.9	273	31	4.9	0.0
05/02/2024 15:50	3.5	256	24	5.4	0.0
05/02/2024 16:00	3.0	260	24	4.8	0.0
05/02/2024 16:10	4.3	245	17	5.9	0.0
05/02/2024 16:20	4.7	240	16	6.6	0.0
05/02/2024 16:30	5.1	240	17	6.8	0.0
05/02/2024 16:40	4.8	244	16	7.4	0.0
05/02/2024 16:50	3.6	257	21	4.8	0.0
05/02/2024 17:00	3.7	257	20	5.8	0.0
05/02/2024 17:10	4.5	254	14	6.0	0.0
05/02/2024 17:20	4.1	255	15	6.0	0.0
05/02/2024 17:30	4.8	247	15	6.8	0.0
05/02/2024 17:40	5.3	246	16	7.3	0.0
05/02/2024 17:50	5.2	242	14	7.1	0.0
05/02/2024 18:00	4.5	251	16	6.4	0.0
05/02/2024 18:10	4.8	252	16	8.3	0.0
05/02/2024 18:20	4.0	251	20	6.1	0.0
05/02/2024 18:30	4.5	245	18	6.4	0.0
05/02/2024 18:40	4.2	258	16	6.7	0.0
05/02/2024 18:50	4.3	253	18	6.8	0.0
05/02/2024 19:00	4.6	254	17	7.2	0.0
05/02/2024 19:10	4.3	258	17	6.8	0.0
05/02/2024 19:20	3.8	258	16	6.5	0.0
05/02/2024 19:30	4.0	264	19	6.1	0.0
05/02/2024 19:40	4.0	260	20	6.0	0.0
05/02/2024 19:50	4.2	257	15	6.3	0.0
05/02/2024 20:00	4.0	257	16	5.9	0.0
05/02/2024 20:10	4.2	261	14	5.9	0.0
05/02/2024 20:20	4.2	259	17	5.8	0.0
05/02/2024 20:30	4.1	254	18	6.6	0.0
05/02/2024 20:40	4.4	256	16	6.8	0.0
05/02/2024 20:50	4.0	256	18	6.3	0.0
05/02/2024 21:00	4.4	252	17	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/02/2024 21:10	5.2	250	15	7.2	0.0
05/02/2024 21:20	5.3	251	15	6.9	0.0
05/02/2024 21:30	4.4	256	17	6.4	0.0
05/02/2024 21:40	4.6	251	14	7.0	0.0
05/02/2024 21:50	4.8	254	15	7.2	0.0
05/02/2024 22:00	4.6	258	16	7.2	0.0
05/02/2024 22:10	3.9	258	17	6.4	0.0
05/02/2024 22:20	4.1	261	17	6.3	0.0
05/02/2024 22:30	4.0	259	14	6.4	0.0
05/02/2024 22:40	3.9	261	17	5.5	0.0
05/02/2024 22:50	4.1	258	18	6.0	0.0
05/02/2024 23:00	4.3	257	16	6.3	0.0
05/02/2024 23:10	4.4	258	16	6.6	0.0
05/02/2024 23:20	3.9	257	16	6.0	0.0
05/02/2024 23:30	4.6	254	14	7.1	0.0
05/02/2024 23:40	5.4	252	13	7.5	0.0
05/02/2024 23:50	5.3	252	13	7.4	0.0
06/02/2024 00:00	5.1	252	14	7.2	0.0
06/02/2024 00:10	5.2	253	14	7.2	0.0
06/02/2024 00:20	5.6	253	15	7.7	0.0
06/02/2024 00:30	5.2	255	14	7.5	0.0
06/02/2024 00:40	5.3	254	13	7.5	0.0
06/02/2024 00:50	5.5	253	15	7.5	0.0
06/02/2024 01:00	4.7	256	16	6.9	0.0
06/02/2024 01:10	4.9	251	16	6.9	0.0
06/02/2024 01:20	4.9	253	16	7.1	0.0
06/02/2024 01:30	5.1	254	16	7.5	0.0
06/02/2024 01:40	5.0	253	14	7.2	0.0
06/02/2024 01:50	4.9	255	14	7.2	0.0
06/02/2024 02:00	4.8	253	14	6.8	0.0
06/02/2024 02:10	4.6	254	16	6.5	0.0
06/02/2024 02:20	4.8	253	15	6.5	0.0
06/02/2024 02:30	4.4	250	16	6.4	0.0
06/02/2024 02:40	3.3	248	18	5.0	0.0
06/02/2024 02:50	2.2	226	21	3.4	0.0
06/02/2024 03:00	1.3	211	19	2.2	0.0
06/02/2024 03:10	0.5	223	27	1.2	0.0
06/02/2024 03:20	2.0	231	15	3.2	0.0
06/02/2024 03:30	2.8	246	18	4.2	0.0
06/02/2024 03:40	2.4	215	20	4.0	0.0
06/02/2024 03:50	2.7	228	25	4.8	0.0
06/02/2024 04:00	2.8	249	21	4.0	0.0
06/02/2024 04:10	2.9	258	15	4.2	0.0
06/02/2024 04:20	2.8	252	18	4.0	0.0
06/02/2024 04:30	2.2	256	14	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 04:40	2.5	257	13	3.5	0.0
06/02/2024 04:50	2.3	248	14	3.7	0.0
06/02/2024 05:00	2.6	257	14	3.7	0.0
06/02/2024 05:10	2.3	256	16	3.5	0.0
06/02/2024 05:20	2.3	257	13	3.2	0.0
06/02/2024 05:30	2.5	249	20	3.6	0.0
06/02/2024 05:40	1.8	254	18	2.7	0.0
06/02/2024 05:50	1.8	241	19	3.1	0.0
06/02/2024 06:00	2.0	242	14	3.1	0.0
06/02/2024 06:10	1.7	246	15	2.5	0.0
06/02/2024 06:20	1.4	228	22	2.0	0.0
06/02/2024 06:30	1.4	223	29	2.2	0.0
06/02/2024 06:40	2.0	240	19	2.8	0.0
06/02/2024 06:50	1.9	237	19	2.6	0.0
06/02/2024 07:00	2.1	206	15	3.2	0.0
06/02/2024 07:10	2.0	212	17	2.8	0.0
06/02/2024 07:20	2.2	223	19	3.0	0.0
06/02/2024 07:30	2.3	216	18	3.2	0.0
06/02/2024 07:40	1.9	179	21	2.8	0.0
06/02/2024 07:50	2.0	136	23	3.6	0.0
06/02/2024 08:00	1.5	131	26	2.4	0.0
06/02/2024 08:10	1.5	128	28	2.1	0.0
06/02/2024 08:20	2.1	136	30	3.5	0.0
06/02/2024 08:30	2.1	119	26	3.3	0.0
06/02/2024 08:40	2.4	101	29	4.0	0.0
06/02/2024 08:50	2.6	95	24	4.5	0.0
06/02/2024 09:00	3.1	82	22	4.8	0.0
06/02/2024 09:10	3.4	85	22	5.2	0.0
06/02/2024 09:20	3.1	79	21	4.9	0.0
06/02/2024 09:30	3.7	63	22	5.4	0.0
06/02/2024 09:40	3.6	62	21	5.7	0.0
06/02/2024 09:50	3.9	67	21	6.4	0.0
06/02/2024 10:00	4.0	64	19	6.4	0.0
06/02/2024 10:10	4.0	66	18	6.5	0.0
06/02/2024 10:20	4.0	73	18	5.9	0.0
06/02/2024 10:30	4.1	74	19	6.9	0.0
06/02/2024 10:40	4.3	64	23	6.1	0.0
06/02/2024 10:50	4.6	67	20	7.5	0.0
06/02/2024 11:00	4.4	52	18	6.8	0.0
06/02/2024 11:10	4.4	54	22	7.2	0.0
06/02/2024 11:20	4.2	53	23	6.3	0.0
06/02/2024 11:30	4.3	54	20	6.3	0.0
06/02/2024 11:40	3.6	54	19	5.8	0.0
06/02/2024 11:50	3.2	63	22	5.0	0.0
06/02/2024 12:00	3.3	77	22	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 12:10	3.3	68	25	5.0	0.0
06/02/2024 12:20	2.7	41	32	4.8	0.0
06/02/2024 12:30	2.6	188	34	4.4	0.0
06/02/2024 12:40	3.0	3	30	4.8	0.0
06/02/2024 12:50	2.8	184	29	4.7	0.0
06/02/2024 13:00	2.3	180	35	4.2	0.0
06/02/2024 13:10	2.2	349	36	3.4	0.0
06/02/2024 13:20	2.2	181	40	3.6	0.0
06/02/2024 13:30	2.2	174	35	4.0	0.0
06/02/2024 13:40	2.1	352	40	4.0	0.0
06/02/2024 13:50	2.2	171	39	3.9	0.0
06/02/2024 14:00	2.3	178	34	4.4	0.0
06/02/2024 14:10	2.8	4	30	4.1	0.0
06/02/2024 14:20	2.8	5	27	5.2	0.0
06/02/2024 14:30	2.5	357	36	4.4	0.0
06/02/2024 14:40	3.2	175	32	5.2	0.0
06/02/2024 14:50	3.1	3	28	5.0	0.0
06/02/2024 15:00	3.1	183	29	4.3	0.0
06/02/2024 15:10	2.9	183	38	5.0	0.0
06/02/2024 15:20	2.9	349	30	4.4	0.0
06/02/2024 15:30	2.8	352	30	4.4	0.0
06/02/2024 15:40	2.5	182	36	4.7	0.0
06/02/2024 15:50	2.8	183	32	4.2	0.0
06/02/2024 16:00	2.6	180	30	4.8	0.0
06/02/2024 16:10	2.8	179	35	4.9	0.0
06/02/2024 16:20	2.8	359	33	5.0	0.0
06/02/2024 16:30	3.1	179	28	5.5	0.0
06/02/2024 16:40	2.7	183	29	4.3	0.0
06/02/2024 16:50	2.6	341	29	5.1	0.0
06/02/2024 17:00	2.5	340	35	4.2	0.0
06/02/2024 17:10	2.4	176	41	4.2	0.0
06/02/2024 17:20	3.0	332	19	4.8	0.0
06/02/2024 17:30	3.0	330	23	4.9	0.0
06/02/2024 17:40	2.9	327	28	5.9	0.0
06/02/2024 17:50	3.5	324	26	5.6	0.0
06/02/2024 18:00	3.5	322	25	5.2	0.0
06/02/2024 18:10	3.6	314	24	5.2	0.0
06/02/2024 18:20	3.8	318	20	6.0	0.0
06/02/2024 18:30	3.3	323	27	5.6	0.0
06/02/2024 18:40	3.4	316	22	5.2	0.0
06/02/2024 18:50	3.4	321	21	5.2	0.0
06/02/2024 19:00	3.4	317	26	5.2	0.0
06/02/2024 19:10	3.3	316	31	5.4	0.0
06/02/2024 19:20	3.3	318	22	5.4	0.0
06/02/2024 19:30	3.0	309	34	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/02/2024 19:40	2.6	309	40	4.4	0.0
06/02/2024 19:50	2.5	298	40	4.4	0.0
06/02/2024 20:00	2.5	269	41	4.5	0.0
06/02/2024 20:10	2.4	272	43	3.9	0.0
06/02/2024 20:20	2.6	257	32	4.0	0.0
06/02/2024 20:30	2.0	250	39	3.2	0.0
06/02/2024 20:40	2.6	262	26	3.8	0.0
06/02/2024 20:50	2.8	255	22	4.3	0.0
06/02/2024 21:00	2.3	253	24	3.5	0.0
06/02/2024 21:10	2.4	257	30	4.3	0.0
06/02/2024 21:20	2.3	250	28	3.8	0.0
06/02/2024 21:30	2.2	255	29	3.5	0.0
06/02/2024 21:40	2.2	253	29	3.6	0.0
06/02/2024 21:50	3.0	254	22	4.4	0.0
06/02/2024 22:00	3.4	250	19	4.8	0.0
06/02/2024 22:10	3.1	251	15	4.3	0.0
06/02/2024 22:20	3.3	247	13	4.8	0.0
06/02/2024 22:30	2.3	240	20	3.2	0.0
06/02/2024 22:40	2.3	235	17	3.2	0.0
06/02/2024 22:50	2.0	242	18	2.8	0.0
06/02/2024 23:00	2.1	237	13	3.0	0.0
06/02/2024 23:10	1.7	237	16	2.4	0.0
06/02/2024 23:20	1.7	235	16	2.6	0.0
06/02/2024 23:30	1.8	242	15	2.7	0.0
06/02/2024 23:40	1.9	245	12	2.7	0.0
06/02/2024 23:50	1.7	246	15	2.7	0.0
07/02/2024 00:00	1.8	244	15	2.5	0.0
07/02/2024 00:10	2.0	248	15	3.0	0.0
07/02/2024 00:20	2.0	254	12	2.8	0.0
07/02/2024 00:30	1.5	262	21	2.2	0.0
07/02/2024 00:40	1.7	256	21	2.7	0.0
07/02/2024 00:50	1.3	252	24	2.3	0.0
07/02/2024 01:00	1.5	260	18	2.4	0.0
07/02/2024 01:10	1.9	247	13	2.6	0.0
07/02/2024 01:20	2.1	243	13	2.8	0.0
07/02/2024 01:30	2.1	248	12	3.0	0.0
07/02/2024 01:40	2.5	252	14	3.4	0.0
07/02/2024 01:50	2.4	251	16	3.4	0.0
07/02/2024 02:00	1.7	243	14	2.8	0.0
07/02/2024 02:10	1.8	236	15	2.5	0.0
07/02/2024 02:20	1.7	246	13	2.3	0.0
07/02/2024 02:30	1.3	239	21	2.1	0.0
07/02/2024 02:40	1.7	220	17	2.5	0.0
07/02/2024 02:50	2.0	229	19	3.1	0.0
07/02/2024 03:00	2.1	230	14	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 03:10	2.1	239	14	2.8	0.0
07/02/2024 03:20	1.9	247	16	2.6	0.0
07/02/2024 03:30	1.7	244	18	2.4	0.0
07/02/2024 03:40	2.0	240	15	2.9	0.0
07/02/2024 03:50	2.1	236	17	3.0	0.0
07/02/2024 04:00	2.3	240	16	3.4	0.0
07/02/2024 04:10	2.1	224	16	3.2	0.0
07/02/2024 04:20	1.9	217	16	2.8	0.0
07/02/2024 04:30	1.5	229	18	2.5	0.0
07/02/2024 04:40	1.5	220	22	2.2	0.0
07/02/2024 04:50	1.3	202	17	1.9	0.0
07/02/2024 05:00	1.1	182	31	1.9	0.0
07/02/2024 05:10	1.0	205	26	1.8	0.0
07/02/2024 05:20	1.3	247	17	2.0	0.0
07/02/2024 05:30	1.4	248	14	2.0	0.0
07/02/2024 05:40	1.4	234	15	1.9	0.0
07/02/2024 05:50	1.4	251	17	2.0	0.0
07/02/2024 06:00	1.4	255	11	1.9	0.0
07/02/2024 06:10	1.3	250	14	2.3	0.0
07/02/2024 06:20	1.8	228	15	2.6	0.0
07/02/2024 06:30	1.6	235	17	2.8	0.0
07/02/2024 06:40	2.0	233	15	2.8	0.0
07/02/2024 06:50	1.8	229	18	2.7	0.0
07/02/2024 07:00	1.9	237	19	2.7	0.0
07/02/2024 07:10	2.0	229	23	3.0	0.0
07/02/2024 07:20	2.1	230	21	2.9	0.0
07/02/2024 07:30	2.1	222	22	3.2	0.0
07/02/2024 07:40	2.1	214	21	3.2	0.0
07/02/2024 07:50	2.3	214	19	3.4	0.0
07/02/2024 08:00	1.6	203	32	2.6	0.0
07/02/2024 08:10	1.4	222	38	2.5	0.0
07/02/2024 08:20	1.4	171	43	2.4	0.0
07/02/2024 08:30	1.6	227	27	2.4	0.0
07/02/2024 08:40	1.2	152	61	2.7	0.0
07/02/2024 08:50	1.6	163	49	2.9	0.0
07/02/2024 09:00	1.5	133	33	2.6	0.0
07/02/2024 09:10	1.4	137	36	2.4	0.0
07/02/2024 09:20	1.4	114	36	2.5	0.0
07/02/2024 09:30	1.7	97	32	2.8	0.0
07/02/2024 09:40	1.5	93	35	2.6	0.0
07/02/2024 09:50	1.6	82	31	2.4	0.0
07/02/2024 10:00	1.5	97	48	2.8	0.0
07/02/2024 10:10	1.4	118	38	2.5	0.0
07/02/2024 10:20	1.6	151	37	2.8	0.0
07/02/2024 10:30	1.8	137	30	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 10:40	1.8	141	31	3.0	0.0
07/02/2024 10:50	1.5	108	33	2.8	0.0
07/02/2024 11:00	1.4	234	61	3.1	0.0
07/02/2024 11:10	1.8	344	45	3.0	0.0
07/02/2024 11:20	1.7	171	47	3.2	0.0
07/02/2024 11:30	1.9	88	36	3.6	0.0
07/02/2024 11:40	2.3	90	39	4.6	0.0
07/02/2024 11:50	2.9	71	39	5.4	0.0
07/02/2024 12:00	2.6	25	54	5.8	0.0
07/02/2024 12:10	2.5	39	38	4.8	0.0
07/02/2024 12:20	2.6	37	27	4.1	0.0
07/02/2024 12:30	2.8	36	36	5.2	0.0
07/02/2024 12:40	3.0	41	36	4.9	0.0
07/02/2024 12:50	3.4	51	21	6.0	0.0
07/02/2024 13:00	2.8	25	30	5.2	0.0
07/02/2024 13:10	2.4	38	40	4.4	0.0
07/02/2024 13:20	2.4	174	40	4.4	0.0
07/02/2024 13:30	2.8	347	34	4.7	0.0
07/02/2024 13:40	2.6	177	33	3.7	0.0
07/02/2024 13:50	2.4	2	42	4.0	0.0
07/02/2024 14:00	2.4	185	31	4.0	0.0
07/02/2024 14:10	2.3	3	30	4.0	0.0
07/02/2024 14:20	2.4	348	38	4.5	0.0
07/02/2024 14:30	2.4	333	31	3.9	0.0
07/02/2024 14:40	2.7	346	32	4.4	0.0
07/02/2024 14:50	2.5	353	30	4.3	0.0
07/02/2024 15:00	2.5	181	36	4.5	0.0
07/02/2024 15:10	2.5	4	31	4.3	0.0
07/02/2024 15:20	2.8	5	29	4.5	0.0
07/02/2024 15:30	2.6	182	34	3.9	0.0
07/02/2024 15:40	2.6	168	30	4.3	0.0
07/02/2024 15:50	3.2	338	31	4.6	0.0
07/02/2024 16:00	2.7	175	33	4.8	0.0
07/02/2024 16:10	2.3	350	34	4.0	0.0
07/02/2024 16:20	3.1	324	24	5.1	0.0
07/02/2024 16:30	3.2	325	31	5.1	0.0
07/02/2024 16:40	3.2	323	32	5.2	0.0
07/02/2024 16:50	2.6	352	33	5.1	0.0
07/02/2024 17:00	2.8	327	35	4.8	0.0
07/02/2024 17:10	3.0	334	28	5.2	0.0
07/02/2024 17:20	2.8	315	42	4.8	0.0
07/02/2024 17:30	3.3	339	31	5.7	0.0
07/02/2024 17:40	2.8	325	32	4.3	0.0
07/02/2024 17:50	3.2	331	29	5.2	0.0
07/02/2024 18:00	3.6	325	25	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/02/2024 18:10	3.7	323	21	5.8	0.0
07/02/2024 18:20	3.2	319	31	4.6	0.0
07/02/2024 18:30	3.0	321	22	5.0	0.0
07/02/2024 18:40	2.5	311	37	4.6	0.0
07/02/2024 18:50	2.4	321	28	4.4	0.0
07/02/2024 19:00	2.0	271	37	3.6	0.0
07/02/2024 19:10	2.6	258	25	4.4	0.0
07/02/2024 19:20	2.7	257	27	4.3	0.0
07/02/2024 19:30	2.9	256	26	4.4	0.0
07/02/2024 19:40	2.5	257	19	4.0	0.0
07/02/2024 19:50	2.7	255	20	4.0	0.0
07/02/2024 20:00	2.4	261	25	4.0	0.0
07/02/2024 20:10	2.1	271	24	3.5	0.0
07/02/2024 20:20	2.8	255	18	4.3	0.0
07/02/2024 20:30	2.9	259	14	4.4	0.0
07/02/2024 20:40	2.6	262	18	4.0	0.0
07/02/2024 20:50	3.3	249	16	4.5	0.0
07/02/2024 21:00	3.7	249	14	4.9	0.0
07/02/2024 21:10	3.8	246	13	4.8	0.0
07/02/2024 21:20	3.5	250	13	4.9	0.0
07/02/2024 21:30	3.6	249	13	4.8	0.0
07/02/2024 21:40	3.8	253	13	5.2	0.0
07/02/2024 21:50	3.7	252	13	5.2	0.0
07/02/2024 22:00	3.7	254	14	5.1	0.0
07/02/2024 22:10	3.8	257	13	5.4	0.0
07/02/2024 22:20	3.4	252	13	4.9	0.0
07/02/2024 22:30	3.6	253	16	5.2	0.0
07/02/2024 22:40	3.3	251	15	4.6	0.0
07/02/2024 22:50	3.2	248	14	4.6	0.0
07/02/2024 23:00	2.9	249	14	4.0	0.0
07/02/2024 23:10	3.2	253	14	4.8	0.0
07/02/2024 23:20	3.0	247	17	4.6	0.0
07/02/2024 23:30	3.1	250	16	4.5	0.0
07/02/2024 23:40	3.2	244	15	5.0	0.0
07/02/2024 23:50	3.2	241	15	4.8	0.0
08/02/2024 00:00	3.0	241	16	4.8	0.0
08/02/2024 00:10	3.2	234	16	4.6	0.0
08/02/2024 00:20	3.0	237	15	4.0	0.0
08/02/2024 00:30	2.6	233	19	3.8	0.0
08/02/2024 00:40	2.8	226	16	4.3	0.0
08/02/2024 00:50	2.8	207	22	4.4	0.0
08/02/2024 01:00	2.6	186	16	4.2	0.0
08/02/2024 01:10	2.1	179	15	3.0	0.0
08/02/2024 01:20	2.0	185	16	3.1	0.0
08/02/2024 01:30	1.7	188	18	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 01:40	1.8	196	16	2.7	0.0
08/02/2024 01:50	1.8	185	19	2.8	0.0
08/02/2024 02:00	1.9	191	18	3.3	0.0
08/02/2024 02:10	1.6	199	19	2.6	0.0
08/02/2024 02:20	1.6	195	19	2.6	0.0
08/02/2024 02:30	1.3	206	16	2.0	0.0
08/02/2024 02:40	1.1	216	17	1.8	0.0
08/02/2024 02:50	1.3	198	18	2.0	0.0
08/02/2024 03:00	1.1	192	17	1.6	0.0
08/02/2024 03:10	1.2	190	20	2.0	0.0
08/02/2024 03:20	1.3	186	21	2.4	0.0
08/02/2024 03:30	1.7	171	28	3.0	0.0
08/02/2024 03:40	1.9	189	21	3.0	0.0
08/02/2024 03:50	1.5	180	28	2.9	0.0
08/02/2024 04:00	1.1	174	58	2.4	0.0
08/02/2024 04:10	0.9	247	54	1.7	0.0
08/02/2024 04:20	1.0	263	84	2.0	0.0
08/02/2024 04:30	1.2	242	38	2.0	0.0
08/02/2024 04:40	1.7	221	17	2.7	0.0
08/02/2024 04:50	1.6	252	21	2.6	0.0
08/02/2024 05:00	2.0	259	15	2.9	0.0
08/02/2024 05:10	1.2	241	20	2.0	0.0
08/02/2024 05:20	1.6	229	28	2.4	0.0
08/02/2024 05:30	1.5	237	23	2.6	0.0
08/02/2024 05:40	2.2	220	18	3.2	0.0
08/02/2024 05:50	2.3	231	17	3.4	0.0
08/02/2024 06:00	1.7	244	17	2.8	0.0
08/02/2024 06:10	1.8	238	21	2.9	0.0
08/02/2024 06:20	2.0	239	16	2.7	0.0
08/02/2024 06:30	1.7	247	21	2.5	0.0
08/02/2024 06:40	1.7	239	21	2.6	0.0
08/02/2024 06:50	2.2	250	16	3.1	0.0
08/02/2024 07:00	2.2	254	22	3.6	0.0
08/02/2024 07:10	2.2	241	17	3.2	0.0
08/02/2024 07:20	1.9	231	22	3.3	0.0
08/02/2024 07:30	1.5	177	34	2.2	0.0
08/02/2024 07:40	1.6	195	35	3.2	0.0
08/02/2024 07:50	3.1	190	20	4.8	0.0
08/02/2024 08:00	3.2	200	20	4.7	0.0
08/02/2024 08:10	3.6	198	15	4.9	0.0
08/02/2024 08:20	3.7	193	15	5.1	0.0
08/02/2024 08:30	3.4	182	21	5.6	0.0
08/02/2024 08:40	3.2	181	20	5.2	0.0
08/02/2024 08:50	2.7	168	27	5.1	0.0
08/02/2024 09:00	2.6	156	27	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 09:10	2.6	150	26	4.4	0.0
08/02/2024 09:20	2.4	136	22	3.7	0.0
08/02/2024 09:30	2.5	135	23	3.9	0.0
08/02/2024 09:40	2.3	132	28	3.9	0.0
08/02/2024 09:50	2.5	125	30	3.8	0.0
08/02/2024 10:00	2.5	108	24	4.0	0.0
08/02/2024 10:10	2.8	102	28	4.6	0.0
08/02/2024 10:20	2.4	99	28	4.2	0.0
08/02/2024 10:30	2.7	85	23	4.8	0.0
08/02/2024 10:40	3.1	92	25	4.7	0.0
08/02/2024 10:50	2.8	85	25	4.4	0.0
08/02/2024 11:00	2.9	79	25	4.8	0.0
08/02/2024 11:10	3.4	76	24	5.1	0.0
08/02/2024 11:20	3.6	66	19	5.8	0.0
08/02/2024 11:30	4.0	62	23	5.8	0.0
08/02/2024 11:40	3.7	59	21	6.6	0.0
08/02/2024 11:50	4.1	55	20	6.4	0.0
08/02/2024 12:00	3.9	58	18	6.4	0.0
08/02/2024 12:10	4.0	50	19	5.8	0.0
08/02/2024 12:20	4.3	44	19	6.6	0.0
08/02/2024 12:30	4.6	52	15	7.2	0.0
08/02/2024 12:40	3.7	53	20	6.6	0.0
08/02/2024 12:50	4.1	52	17	6.6	0.0
08/02/2024 13:00	3.6	46	19	5.5	0.0
08/02/2024 13:10	3.6	56	17	5.8	0.0
08/02/2024 13:20	3.9	51	22	6.3	0.0
08/02/2024 13:30	3.5	52	18	5.1	0.0
08/02/2024 13:40	3.2	51	21	4.8	0.0
08/02/2024 13:50	2.9	32	31	5.0	0.0
08/02/2024 14:00	3.3	13	27	5.2	0.0
08/02/2024 14:10	3.6	9	25	5.3	0.0
08/02/2024 14:20	3.6	17	24	5.6	0.0
08/02/2024 14:30	3.6	9	26	5.3	0.0
08/02/2024 14:40	2.8	347	33	4.7	0.0
08/02/2024 14:50	3.0	332	29	4.9	0.0
08/02/2024 15:00	3.0	6	30	4.8	0.0
08/02/2024 15:10	3.3	339	29	4.9	0.0
08/02/2024 15:20	3.6	331	25	6.1	0.0
08/02/2024 15:30	3.6	320	25	5.5	0.0
08/02/2024 15:40	3.7	319	26	6.2	0.0
08/02/2024 15:50	3.4	321	30	5.2	0.0
08/02/2024 16:00	3.0	297	44	5.0	0.0
08/02/2024 16:10	3.0	314	34	5.1	0.0
08/02/2024 16:20	3.3	300	37	5.2	0.0
08/02/2024 16:30	3.2	315	32	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/02/2024 16:40	3.5	266	26	5.5	0.0
08/02/2024 16:50	3.2	272	35	5.2	0.0
08/02/2024 17:00	3.6	293	36	5.6	0.0
08/02/2024 17:10	3.2	275	26	5.2	0.0
08/02/2024 17:20	3.1	271	33	5.3	0.0
08/02/2024 17:30	3.3	259	21	4.8	0.0
08/02/2024 17:40	3.4	259	21	4.9	0.0
08/02/2024 17:50	3.3	260	18	5.2	0.0
08/02/2024 18:00	3.9	247	16	6.3	0.0
08/02/2024 18:10	3.8	249	16	5.2	0.0
08/02/2024 18:20	3.7	251	14	5.6	0.0
08/02/2024 18:30	3.2	242	16	4.8	0.0
08/02/2024 18:40	3.4	248	16	4.9	0.0
08/02/2024 18:50	4.0	245	14	5.7	0.0
08/02/2024 19:00	3.2	251	14	4.8	0.0
08/02/2024 19:10	3.1	241	14	4.4	0.0
08/02/2024 19:20	3.4	242	13	4.5	0.0
08/02/2024 19:30	3.0	246	16	4.5	0.0
08/02/2024 19:40	3.2	247	16	4.5	0.0
08/02/2024 19:50	3.6	246	11	5.2	0.0
08/02/2024 20:00	3.2	249	15	4.3	0.0
08/02/2024 20:10	3.5	253	14	5.1	0.0
08/02/2024 20:20	3.0	252	14	4.1	0.0
08/02/2024 20:30	3.4	247	16	4.4	0.0
08/02/2024 20:40	2.9	249	16	4.3	0.0
08/02/2024 20:50	2.6	251	14	4.0	0.0
08/02/2024 21:00	2.7	252	18	4.0	0.0
08/02/2024 21:10	2.8	251	15	3.9	0.0
08/02/2024 21:20	2.9	245	17	4.4	0.0
08/02/2024 21:30	3.1	243	15	4.5	0.0
08/02/2024 21:40	2.9	256	16	4.5	0.0
08/02/2024 21:50	2.9	249	17	4.8	0.0
08/02/2024 22:00	2.7	252	18	4.2	0.0
08/02/2024 22:10	2.8	249	18	4.1	0.0
08/02/2024 22:20	2.7	255	16	3.9	0.0
08/02/2024 22:30	2.9	256	19	4.4	0.0
08/02/2024 22:40	2.8	253	16	4.4	0.0
08/02/2024 22:50	3.0	255	16	4.4	0.0
08/02/2024 23:00	3.2	256	19	4.8	0.0
08/02/2024 23:10	3.4	254	15	5.2	0.0
08/02/2024 23:20	4.2	258	16	6.0	0.0
08/02/2024 23:30	3.9	255	15	5.5	0.0
08/02/2024 23:40	3.2	256	16	4.8	0.0
08/02/2024 23:50	3.0	252	19	4.8	0.0
09/02/2024 00:00	3.4	258	16	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 00:10	3.6	262	14	5.2	0.0
09/02/2024 00:20	3.5	254	17	5.0	0.0
09/02/2024 00:30	2.1	265	33	4.2	0.0
09/02/2024 00:40	2.2	43	20	3.9	0.0
09/02/2024 00:50	1.7	173	56	3.1	0.0
09/02/2024 01:00	2.1	135	37	4.1	0.0
09/02/2024 01:10	2.1	33	18	3.2	0.0
09/02/2024 01:20	1.3	51	59	2.4	0.0
09/02/2024 01:30	1.8	34	19	2.8	0.0
09/02/2024 01:40	1.8	50	15	2.8	0.0
09/02/2024 01:50	2.0	36	16	2.8	0.0
09/02/2024 02:00	1.8	25	20	2.9	0.0
09/02/2024 02:10	2.7	15	19	3.8	0.0
09/02/2024 02:20	2.4	16	25	3.8	0.0
09/02/2024 02:30	2.6	19	22	4.0	0.0
09/02/2024 02:40	2.7	13	25	4.3	0.0
09/02/2024 02:50	2.3	22	18	3.3	0.0
09/02/2024 03:00	1.5	33	27	2.4	0.0
09/02/2024 03:10	2.6	49	22	5.0	0.0
09/02/2024 03:20	2.7	43	23	4.0	0.0
09/02/2024 03:30	3.2	37	19	5.2	0.0
09/02/2024 03:40	3.5	37	19	5.5	0.0
09/02/2024 03:50	3.4	38	21	5.4	0.0
09/02/2024 04:00	3.2	35	20	5.2	0.0
09/02/2024 04:10	2.1	23	23	3.6	0.0
09/02/2024 04:20	2.3	188	22	3.5	0.0
09/02/2024 04:30	2.3	344	22	3.3	0.0
09/02/2024 04:40	2.3	323	30	3.6	0.0
09/02/2024 04:50	2.3	321	25	3.7	0.0
09/02/2024 05:00	2.7	341	29	4.6	0.0
09/02/2024 05:10	3.1	320	21	5.2	0.0
09/02/2024 05:20	2.5	316	25	4.0	0.0
09/02/2024 05:30	2.2	332	34	4.3	0.0
09/02/2024 05:40	1.6	267	61	2.8	0.0
09/02/2024 05:50	1.8	243	29	3.2	0.0
09/02/2024 06:00	1.8	255	27	3.1	0.0
09/02/2024 06:10	1.5	259	50	3.3	0.0
09/02/2024 06:20	1.8	250	25	2.8	0.0
09/02/2024 06:30	1.6	245	27	3.0	0.0
09/02/2024 06:40	1.7	244	23	3.0	0.0
09/02/2024 06:50	1.9	242	19	2.8	0.0
09/02/2024 07:00	2.4	232	15	3.2	0.0
09/02/2024 07:10	2.0	233	19	3.0	0.0
09/02/2024 07:20	2.1	234	18	2.9	0.0
09/02/2024 07:30	1.8	236	24	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 07:40	1.8	231	24	2.9	0.0
09/02/2024 07:50	1.8	220	28	2.6	0.0
09/02/2024 08:00	1.8	256	27	2.7	0.0
09/02/2024 08:10	2.1	257	21	3.1	0.0
09/02/2024 08:20	2.4	242	19	3.3	0.0
09/02/2024 08:30	2.2	251	24	3.2	0.0
09/02/2024 08:40	2.0	253	25	2.8	0.0
09/02/2024 08:50	1.5	262	44	2.8	0.0
09/02/2024 09:00	1.5	276	41	2.4	0.0
09/02/2024 09:10	1.1	76	43	2.4	0.0
09/02/2024 09:20	1.7	126	29	3.1	0.0
09/02/2024 09:30	1.8	110	29	2.8	0.0
09/02/2024 09:40	2.2	112	26	3.4	0.0
09/02/2024 09:50	2.4	90	23	3.8	0.0
09/02/2024 10:00	2.3	95	26	3.6	0.0
09/02/2024 10:10	2.3	57	23	3.3	0.0
09/02/2024 10:20	2.1	58	20	3.5	0.0
09/02/2024 10:30	2.1	64	24	3.2	0.0
09/02/2024 10:40	2.6	59	19	3.7	0.0
09/02/2024 10:50	2.8	57	20	4.4	0.0
09/02/2024 11:00	2.6	67	25	3.7	0.0
09/02/2024 11:10	2.6	63	22	4.0	0.0
09/02/2024 11:20	2.5	67	19	4.0	0.0
09/02/2024 11:30	2.8	64	21	4.0	0.0
09/02/2024 11:40	2.9	66	21	4.6	0.0
09/02/2024 11:50	3.1	60	19	4.8	0.0
09/02/2024 12:00	3.3	57	19	4.7	0.0
09/02/2024 12:10	3.1	58	18	4.5	0.0
09/02/2024 12:20	3.0	66	19	4.1	0.0
09/02/2024 12:30	3.0	64	19	4.6	0.0
09/02/2024 12:40	2.8	67	19	3.9	0.0
09/02/2024 12:50	2.8	75	20	4.4	0.0
09/02/2024 13:00	2.8	77	22	4.0	0.0
09/02/2024 13:10	2.5	75	20	3.8	0.0
09/02/2024 13:20	2.6	73	19	4.0	0.0
09/02/2024 13:30	2.5	75	17	3.9	0.0
09/02/2024 13:40	2.7	71	23	4.2	0.0
09/02/2024 13:50	2.6	66	25	4.4	0.0
09/02/2024 14:00	2.3	46	32	3.8	0.0
09/02/2024 14:10	2.2	37	42	4.1	0.0
09/02/2024 14:20	2.2	177	34	3.6	0.0
09/02/2024 14:30	2.3	9	29	3.7	0.0
09/02/2024 14:40	2.2	181	35	3.8	0.0
09/02/2024 14:50	2.4	176	37	3.6	0.0
09/02/2024 15:00	2.3	178	33	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 15:10	2.6	176	29	4.2	0.0
09/02/2024 15:20	3.0	347	30	4.8	0.0
09/02/2024 15:30	3.1	354	30	4.6	0.0
09/02/2024 15:40	3.6	5	30	4.9	0.0
09/02/2024 15:50	3.2	183	27	5.5	0.0
09/02/2024 16:00	3.4	180	24	5.5	0.0
09/02/2024 16:10	3.2	183	30	5.0	0.0
09/02/2024 16:20	3.1	352	29	5.2	0.0
09/02/2024 16:30	3.3	353	35	6.1	0.0
09/02/2024 16:40	3.0	355	32	4.4	0.0
09/02/2024 16:50	2.8	180	30	4.9	0.0
09/02/2024 17:00	3.0	343	28	5.2	0.0
09/02/2024 17:10	3.0	348	29	5.4	0.0
09/02/2024 17:20	3.0	171	27	4.8	0.0
09/02/2024 17:30	3.0	352	29	5.5	0.0
09/02/2024 17:40	3.5	179	30	5.6	0.0
09/02/2024 17:50	3.1	178	34	5.4	0.0
09/02/2024 18:00	3.3	350	31	4.9	0.0
09/02/2024 18:10	3.4	356	28	5.4	0.0
09/02/2024 18:20	2.9	349	30	5.1	0.0
09/02/2024 18:30	3.4	346	23	5.1	0.0
09/02/2024 18:40	3.9	341	20	5.6	0.0
09/02/2024 18:50	2.5	345	28	4.1	0.0
09/02/2024 19:00	2.7	338	24	4.5	0.0
09/02/2024 19:10	3.0	336	22	4.7	0.0
09/02/2024 19:20	3.1	181	27	4.6	0.0
09/02/2024 19:30	2.7	358	27	5.1	0.0
09/02/2024 19:40	3.2	342	25	4.8	0.0
09/02/2024 19:50	3.5	339	20	5.1	0.0
09/02/2024 20:00	2.6	230	50	5.1	0.0
09/02/2024 20:10	3.3	176	26	6.2	0.0
09/02/2024 20:20	4.6	202	19	8.3	0.0
09/02/2024 20:30	4.6	254	19	6.3	0.0
09/02/2024 20:40	3.6	247	18	5.3	0.0
09/02/2024 20:50	3.0	226	29	5.5	0.1
09/02/2024 21:00	3.0	144	24	6.0	0.0
09/02/2024 21:10	2.8	185	25	4.4	0.0
09/02/2024 21:20	3.2	227	21	4.8	0.0
09/02/2024 21:30	3.0	252	14	4.3	0.0
09/02/2024 21:40	2.7	253	14	4.0	0.0
09/02/2024 21:50	2.4	256	17	3.2	0.0
09/02/2024 22:00	2.3	255	17	3.3	0.0
09/02/2024 22:10	2.3	249	21	3.4	0.0
09/02/2024 22:20	2.3	254	16	3.2	0.0
09/02/2024 22:30	2.5	246	18	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/02/2024 22:40	2.7	246	15	3.6	0.0
09/02/2024 22:50	2.7	241	18	4.0	0.0
09/02/2024 23:00	2.5	248	17	3.7	0.0
09/02/2024 23:10	2.6	242	17	4.0	0.0
09/02/2024 23:20	2.6	254	14	3.6	0.0
09/02/2024 23:30	2.2	248	18	3.2	0.0
09/02/2024 23:40	2.2	254	19	3.1	0.0
09/02/2024 23:50	2.2	252	16	3.2	0.0
10/02/2024 00:00	1.9	256	16	2.9	0.0
10/02/2024 00:10	1.7	254	15	2.4	0.0
10/02/2024 00:20	1.4	229	20	2.1	0.0
10/02/2024 00:30	1.6	234	18	2.6	0.0
10/02/2024 00:40	2.1	257	22	2.8	0.0
10/02/2024 00:50	1.6	279	19	2.5	0.0
10/02/2024 01:00	1.1	215	36	2.0	0.0
10/02/2024 01:10	1.0	124	57	1.9	0.0
10/02/2024 01:20	1.1	65	30	1.9	0.0
10/02/2024 01:30	1.6	194	22	2.4	0.0
10/02/2024 01:40	1.3	173	45	3.0	0.0
10/02/2024 01:50	1.3	159	35	2.8	0.0
10/02/2024 02:00	1.3	154	56	2.5	0.0
10/02/2024 02:10	1.1	116	38	2.5	0.0
10/02/2024 02:20	0.9	62	31	1.5	0.0
10/02/2024 02:30	1.3	45	22	2.5	0.0
10/02/2024 02:40	0.6	43	18	1.3	0.0
10/02/2024 02:50	0.4	67	17	0.9	0.0
10/02/2024 03:00	0.5	20	14	1.0	0.0
10/02/2024 03:10	0.4	29	13	0.8	0.0
10/02/2024 03:20	0.2	62	16	0.8	0.0
10/02/2024 03:30	0.6	52	24	1.5	0.0
10/02/2024 03:40	0.9	26	21	1.6	0.0
10/02/2024 03:50	0.6	49	17	1.1	0.0
10/02/2024 04:00	0.7	35	11	1.2	0.0
10/02/2024 04:10	0.3	87	15	1.1	0.0
10/02/2024 04:20	0.0	40	0	0.4	0.0
10/02/2024 04:30	0.3	101	19	0.9	0.0
10/02/2024 04:40	0.5	140	33	1.3	0.0
10/02/2024 04:50	0.4	239	30	1.3	0.0
10/02/2024 05:00	1.2	214	39	2.4	0.0
10/02/2024 05:10	1.4	228	42	3.1	0.0
10/02/2024 05:20	0.3	196	16	0.8	0.0
10/02/2024 05:30	0.9	296	39	1.8	0.0
10/02/2024 05:40	1.4	224	13	2.2	0.0
10/02/2024 05:50	1.9	242	17	2.5	0.0
10/02/2024 06:00	1.8	246	11	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 06:10	1.6	250	12	2.2	0.0
10/02/2024 06:20	1.8	242	15	2.4	0.0
10/02/2024 06:30	1.1	230	21	1.9	0.0
10/02/2024 06:40	1.0	235	29	1.6	0.0
10/02/2024 06:50	1.1	212	26	1.8	0.0
10/02/2024 07:00	1.1	200	28	1.6	0.0
10/02/2024 07:10	1.0	193	24	1.6	0.0
10/02/2024 07:20	2.0	216	24	3.1	0.0
10/02/2024 07:30	1.2	251	39	2.4	0.0
10/02/2024 07:40	3.0	250	19	4.6	0.0
10/02/2024 07:50	3.0	245	16	4.4	0.0
10/02/2024 08:00	3.0	244	20	4.4	0.0
10/02/2024 08:10	3.2	246	20	5.1	0.0
10/02/2024 08:20	3.6	243	20	5.1	0.0
10/02/2024 08:30	3.1	243	20	4.4	0.0
10/02/2024 08:40	2.9	253	20	4.2	0.0
10/02/2024 08:50	2.4	245	25	3.4	0.0
10/02/2024 09:00	1.8	234	29	3.1	0.0
10/02/2024 09:10	2.4	256	24	3.6	0.0
10/02/2024 09:20	2.4	256	23	3.6	0.0
10/02/2024 09:30	2.1	261	22	3.4	0.0
10/02/2024 09:40	2.0	265	34	3.4	0.0
10/02/2024 09:50	2.2	263	25	3.7	0.0
10/02/2024 10:00	2.0	283	37	3.4	0.0
10/02/2024 10:10	1.6	258	48	3.6	0.0
10/02/2024 10:20	2.2	265	30	3.7	0.0
10/02/2024 10:30	1.8	280	37	3.3	0.0
10/02/2024 10:40	2.0	265	44	3.4	0.0
10/02/2024 10:50	2.2	255	39	3.5	0.0
10/02/2024 11:00	2.0	258	36	3.5	0.0
10/02/2024 11:10	2.2	251	41	4.4	0.0
10/02/2024 11:20	2.2	289	40	3.8	0.0
10/02/2024 11:30	2.4	255	27	4.0	0.0
10/02/2024 11:40	2.4	272	31	4.2	0.0
10/02/2024 11:50	2.9	294	19	4.6	0.0
10/02/2024 12:00	2.6	318	34	4.0	0.0
10/02/2024 12:10	2.3	294	38	4.2	0.0
10/02/2024 12:20	2.4	288	39	4.7	0.0
10/02/2024 12:30	2.2	291	42	4.0	0.0
10/02/2024 12:40	2.6	271	37	4.8	0.0
10/02/2024 12:50	3.0	314	38	4.7	0.0
10/02/2024 13:00	2.9	312	34	5.2	0.0
10/02/2024 13:10	3.2	310	35	5.3	0.0
10/02/2024 13:20	3.2	280	33	5.1	0.0
10/02/2024 13:30	2.7	284	33	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 13:40	2.8	272	35	4.1	0.0
10/02/2024 13:50	3.2	262	27	4.8	0.0
10/02/2024 14:00	4.8	242	17	6.5	0.0
10/02/2024 14:10	4.6	246	18	6.5	0.0
10/02/2024 14:20	5.0	246	19	7.0	0.0
10/02/2024 14:30	5.1	240	16	7.1	0.0
10/02/2024 14:40	5.0	243	17	6.8	0.0
10/02/2024 14:50	5.3	244	17	7.3	0.0
10/02/2024 15:00	5.2	243	18	7.9	0.0
10/02/2024 15:10	5.2	242	18	7.2	0.0
10/02/2024 15:20	4.8	242	17	6.7	0.0
10/02/2024 15:30	4.7	241	16	6.7	0.0
10/02/2024 15:40	4.4	241	16	6.2	0.0
10/02/2024 15:50	4.8	244	15	6.6	0.0
10/02/2024 16:00	4.6	247	16	6.5	0.0
10/02/2024 16:10	3.9	252	20	5.7	0.0
10/02/2024 16:20	2.9	286	30	4.5	0.0
10/02/2024 16:30	3.1	279	35	4.6	0.0
10/02/2024 16:40	3.2	264	24	5.2	0.0
10/02/2024 16:50	3.2	263	28	5.2	0.0
10/02/2024 17:00	2.9	288	35	5.3	0.0
10/02/2024 17:10	3.4	266	24	5.0	0.0
10/02/2024 17:20	3.0	266	24	5.2	0.0
10/02/2024 17:30	4.9	243	16	6.5	0.0
10/02/2024 17:40	4.5	246	16	6.3	0.0
10/02/2024 17:50	4.6	245	17	6.8	0.0
10/02/2024 18:00	4.4	240	17	6.0	0.0
10/02/2024 18:10	4.8	251	17	7.1	0.0
10/02/2024 18:20	4.5	252	17	6.4	0.0
10/02/2024 18:30	4.3	248	18	6.5	0.0
10/02/2024 18:40	4.2	248	16	5.7	0.0
10/02/2024 18:50	3.8	249	18	5.7	0.0
10/02/2024 19:00	3.8	253	18	6.0	0.0
10/02/2024 19:10	4.2	252	14	6.1	0.0
10/02/2024 19:20	4.6	252	15	6.2	0.0
10/02/2024 19:30	4.4	247	16	5.9	0.0
10/02/2024 19:40	3.9	251	15	5.5	0.0
10/02/2024 19:50	4.5	249	14	6.4	0.0
10/02/2024 20:00	4.5	252	13	6.2	0.0
10/02/2024 20:10	4.2	253	15	6.1	0.0
10/02/2024 20:20	4.6	252	15	6.5	0.0
10/02/2024 20:30	4.2	254	15	6.0	0.0
10/02/2024 20:40	4.1	253	16	5.6	0.0
10/02/2024 20:50	4.3	252	16	6.3	0.0
10/02/2024 21:00	3.7	249	17	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 21:10	5.1	252	14	6.9	0.0
10/02/2024 21:20	4.2	254	14	6.1	0.0
10/02/2024 21:30	3.7	253	15	4.8	0.0
10/02/2024 21:40	4.2	254	14	6.1	0.0
10/02/2024 21:50	4.1	252	16	5.6	0.0
10/02/2024 22:00	4.5	255	12	6.4	0.0
10/02/2024 22:10	4.0	255	15	5.6	0.0
10/02/2024 22:20	4.2	251	15	5.8	0.0
10/02/2024 22:30	3.8	250	15	5.8	0.0
10/02/2024 22:40	4.1	256	13	6.0	0.0
10/02/2024 22:50	4.0	252	15	5.4	0.0
10/02/2024 23:00	4.2	252	11	5.4	0.0
10/02/2024 23:10	4.0	253	14	5.4	0.0
10/02/2024 23:20	3.7	249	15	5.3	0.0
10/02/2024 23:30	3.0	247	19	4.3	0.0
10/02/2024 23:40	3.0	247	19	4.7	0.0
10/02/2024 23:50	3.6	250	14	5.0	0.0
11/02/2024 00:00	3.1	249	15	4.7	0.0
11/02/2024 00:10	3.0	247	15	4.4	0.0
11/02/2024 00:20	2.5	244	18	3.7	0.0
11/02/2024 00:30	2.7	240	15	3.9	0.0
11/02/2024 00:40	2.4	244	19	3.9	0.0
11/02/2024 00:50	2.8	240	16	4.0	0.0
11/02/2024 01:00	2.4	249	20	3.9	0.0
11/02/2024 01:10	3.1	251	16	4.4	0.0
11/02/2024 01:20	2.5	252	17	3.8	0.0
11/02/2024 01:30	2.7	257	14	4.1	0.0
11/02/2024 01:40	2.7	253	15	3.9	0.0
11/02/2024 01:50	2.7	252	16	3.8	0.0
11/02/2024 02:00	3.5	257	14	4.7	0.0
11/02/2024 02:10	3.1	255	16	4.3	0.0
11/02/2024 02:20	2.7	260	14	3.6	0.0
11/02/2024 02:30	2.3	260	16	3.3	0.0
11/02/2024 02:40	2.3	264	18	3.4	0.0
11/02/2024 02:50	2.6	259	16	3.7	0.0
11/02/2024 03:00	2.2	251	14	3.2	0.0
11/02/2024 03:10	3.0	254	13	4.4	0.0
11/02/2024 03:20	3.1	255	13	4.5	0.0
11/02/2024 03:30	2.7	253	12	4.0	0.0
11/02/2024 03:40	2.5	257	17	3.8	0.0
11/02/2024 03:50	2.3	265	16	3.3	0.0
11/02/2024 04:00	2.3	261	14	3.9	0.0
11/02/2024 04:10	2.1	253	18	3.4	0.0
11/02/2024 04:20	1.9	253	15	3.1	0.0
11/02/2024 04:30	2.5	258	13	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 04:40	2.2	248	16	3.1	0.0
11/02/2024 04:50	2.5	256	16	3.8	0.0
11/02/2024 05:00	2.5	249	16	3.8	0.0
11/02/2024 05:10	2.2	253	19	3.2	0.0
11/02/2024 05:20	1.5	238	16	2.4	0.0
11/02/2024 05:30	2.1	247	16	3.2	0.0
11/02/2024 05:40	2.3	249	19	3.6	0.0
11/02/2024 05:50	1.6	245	19	2.7	0.0
11/02/2024 06:00	2.0	255	15	3.2	0.0
11/02/2024 06:10	2.1	256	16	3.1	0.0
11/02/2024 06:20	2.3	256	15	3.1	0.0
11/02/2024 06:30	2.4	256	14	3.2	0.0
11/02/2024 06:40	2.5	252	12	3.3	0.0
11/02/2024 06:50	2.7	252	11	3.5	0.0
11/02/2024 07:00	2.7	258	13	3.6	0.0
11/02/2024 07:10	2.5	261	18	3.9	0.0
11/02/2024 07:20	2.7	250	15	3.7	0.0
11/02/2024 07:30	3.0	256	16	4.3	0.0
11/02/2024 07:40	3.0	252	15	4.2	0.0
11/02/2024 07:50	2.2	247	19	3.3	0.0
11/02/2024 08:00	2.5	233	18	3.7	0.0
11/02/2024 08:10	2.6	235	17	3.6	0.0
11/02/2024 08:20	2.9	244	16	4.0	0.0
11/02/2024 08:30	2.6	248	18	4.0	0.0
11/02/2024 08:40	2.6	246	21	3.9	0.0
11/02/2024 08:50	2.2	256	18	3.2	0.0
11/02/2024 09:00	2.2	263	21	3.4	0.0
11/02/2024 09:10	2.0	279	27	3.0	0.0
11/02/2024 09:20	2.0	262	21	3.2	0.0
11/02/2024 09:30	2.0	259	26	3.5	0.0
11/02/2024 09:40	1.9	265	34	2.9	0.0
11/02/2024 09:50	2.1	235	28	3.2	0.0
11/02/2024 10:00	2.2	249	30	3.6	0.0
11/02/2024 10:10	2.0	252	28	3.4	0.0
11/02/2024 10:20	2.0	238	30	3.2	0.0
11/02/2024 10:30	2.2	257	26	3.4	0.0
11/02/2024 10:40	2.2	245	24	3.5	0.0
11/02/2024 10:50	2.1	244	25	3.2	0.0
11/02/2024 11:00	1.4	296	53	2.4	0.0
11/02/2024 11:10	1.9	262	34	3.6	0.0
11/02/2024 11:20	2.1	274	44	3.3	0.0
11/02/2024 11:30	2.0	287	41	3.2	0.0
11/02/2024 11:40	3.3	243	25	4.9	0.0
11/02/2024 11:50	2.7	260	29	4.0	0.0
11/02/2024 12:00	2.4	283	32	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 12:10	2.4	287	38	4.4	0.0
11/02/2024 12:20	2.8	292	33	4.3	0.0
11/02/2024 12:30	2.3	296	43	4.4	0.0
11/02/2024 12:40	3.0	257	28	4.8	0.0
11/02/2024 12:50	2.4	290	42	3.7	0.0
11/02/2024 13:00	2.6	266	37	4.0	0.0
11/02/2024 13:10	2.4	265	33	4.4	0.0
11/02/2024 13:20	2.5	278	39	4.9	0.0
11/02/2024 13:30	2.7	254	33	4.4	0.0
11/02/2024 13:40	2.6	306	37	4.2	0.0
11/02/2024 13:50	2.3	309	37	3.9	0.0
11/02/2024 14:00	3.0	331	27	4.6	0.0
11/02/2024 14:10	3.3	319	35	5.2	0.0
11/02/2024 14:20	3.0	317	35	5.5	0.0
11/02/2024 14:30	3.7	317	22	5.4	0.0
11/02/2024 14:40	3.9	319	22	5.6	0.0
11/02/2024 14:50	3.7	318	25	5.6	0.0
11/02/2024 15:00	3.9	320	23	5.9	0.0
11/02/2024 15:10	4.1	321	18	5.9	0.0
11/02/2024 15:20	3.4	304	34	5.2	0.0
11/02/2024 15:30	3.7	313	25	5.5	0.0
11/02/2024 15:40	3.6	328	23	5.2	0.0
11/02/2024 15:50	4.0	319	25	5.7	0.0
11/02/2024 16:00	3.4	314	31	5.6	0.0
11/02/2024 16:10	3.2	307	34	5.6	0.0
11/02/2024 16:20	3.0	294	37	4.8	0.0
11/02/2024 16:30	2.6	279	34	4.4	0.0
11/02/2024 16:40	4.1	257	17	6.8	0.0
11/02/2024 16:50	4.6	251	16	6.2	0.0
11/02/2024 17:00	4.8	245	16	6.4	0.0
11/02/2024 17:10	5.2	248	14	6.8	0.0
11/02/2024 17:20	4.8	244	15	6.6	0.0
11/02/2024 17:30	4.7	247	13	6.7	0.0
11/02/2024 17:40	4.9	253	14	6.7	0.0
11/02/2024 17:50	4.4	252	12	6.4	0.0
11/02/2024 18:00	4.1	249	15	5.9	0.0
11/02/2024 18:10	4.4	248	16	6.4	0.0
11/02/2024 18:20	4.7	245	14	6.4	0.0
11/02/2024 18:30	4.7	244	16	6.5	0.0
11/02/2024 18:40	4.2	246	13	5.9	0.0
11/02/2024 18:50	3.5	248	15	5.2	0.0
11/02/2024 19:00	3.7	251	14	5.2	0.0
11/02/2024 19:10	3.6	250	14	4.7	0.0
11/02/2024 19:20	3.6	251	13	5.0	0.0
11/02/2024 19:30	3.0	252	16	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 19:40	4.0	244	15	5.1	0.0
11/02/2024 19:50	4.0	240	14	5.5	0.0
11/02/2024 20:00	4.3	246	16	5.9	0.0
11/02/2024 20:10	4.4	251	14	6.1	0.0
11/02/2024 20:20	4.4	253	18	7.2	0.0
11/02/2024 20:30	5.1	253	16	7.6	0.0
11/02/2024 20:40	4.8	254	17	6.9	0.0
11/02/2024 20:50	4.2	252	21	6.2	0.0
11/02/2024 21:00	4.4	256	16	6.9	0.0
11/02/2024 21:10	4.4	257	16	6.4	0.0
11/02/2024 21:20	4.4	250	15	6.1	0.0
11/02/2024 21:30	4.4	255	16	6.8	0.0
11/02/2024 21:40	4.6	261	14	6.8	0.0
11/02/2024 21:50	4.7	258	16	6.4	0.0
11/02/2024 22:00	4.9	257	16	6.9	0.0
11/02/2024 22:10	5.1	257	12	7.1	0.0
11/02/2024 22:20	4.8	255	14	6.9	0.0
11/02/2024 22:30	5.2	252	13	7.4	0.0
11/02/2024 22:40	4.5	254	15	6.6	0.0
11/02/2024 22:50	4.4	255	14	6.6	0.0
11/02/2024 23:00	4.6	251	13	6.3	0.0
11/02/2024 23:10	4.1	252	14	6.0	0.0
11/02/2024 23:20	4.0	252	16	6.0	0.0
11/02/2024 23:30	4.0	252	12	6.2	0.0
11/02/2024 23:40	3.9	252	14	5.4	0.0
11/02/2024 23:50	3.6	253	16	5.2	0.0
12/02/2024 00:00	3.7	252	15	5.6	0.0
12/02/2024 00:10	3.9	252	16	5.6	0.0
12/02/2024 00:20	3.8	250	15	5.5	0.0
12/02/2024 00:30	3.5	249	18	5.1	0.0
12/02/2024 00:40	3.3	246	19	4.8	0.0
12/02/2024 00:50	3.3	243	17	4.8	0.0
12/02/2024 01:00	3.4	242	16	5.1	0.0
12/02/2024 01:10	3.3	238	19	5.2	0.0
12/02/2024 01:20	3.2	247	16	5.3	0.0
12/02/2024 01:30	3.0	246	17	4.8	0.0
12/02/2024 01:40	3.5	249	18	5.0	0.0
12/02/2024 01:50	3.5	247	15	5.2	0.0
12/02/2024 02:00	3.1	248	17	4.6	0.0
12/02/2024 02:10	2.8	248	15	4.4	0.0
12/02/2024 02:20	2.6	246	19	4.0	0.0
12/02/2024 02:30	2.6	247	17	4.0	0.0
12/02/2024 02:40	2.2	240	18	3.6	0.0
12/02/2024 02:50	2.3	248	19	3.2	0.0
12/02/2024 03:00	2.4	244	16	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 03:10	2.3	249	20	3.8	0.0
12/02/2024 03:20	2.9	251	16	4.1	0.0
12/02/2024 03:30	2.0	255	11	2.9	0.0
12/02/2024 03:40	1.2	266	23	2.1	0.0
12/02/2024 03:50	1.9	253	15	2.8	0.0
12/02/2024 04:00	2.5	253	14	3.5	0.0
12/02/2024 04:10	2.1	259	15	2.9	0.0
12/02/2024 04:20	1.8	248	13	2.4	0.0
12/02/2024 04:30	1.7	249	16	2.7	0.0
12/02/2024 04:40	1.4	234	19	2.2	0.0
12/02/2024 04:50	0.8	233	20	1.3	0.0
12/02/2024 05:00	1.2	232	13	1.6	0.0
12/02/2024 05:10	1.2	251	16	1.6	0.0
12/02/2024 05:20	1.6	247	17	2.2	0.0
12/02/2024 05:30	2.0	250	14	3.1	0.0
12/02/2024 05:40	1.8	251	18	2.7	0.0
12/02/2024 05:50	1.9	246	22	2.8	0.0
12/02/2024 06:00	2.3	250	15	3.7	0.0
12/02/2024 06:10	2.3	251	14	3.3	0.0
12/02/2024 06:20	2.5	253	14	3.5	0.0
12/02/2024 06:30	2.0	254	19	3.8	0.0
12/02/2024 06:40	2.3	253	18	3.6	0.0
12/02/2024 06:50	2.1	251	19	3.5	0.0
12/02/2024 07:00	2.3	254	20	3.5	0.0
12/02/2024 07:10	2.3	252	17	3.4	0.0
12/02/2024 07:20	1.8	260	27	3.2	0.0
12/02/2024 07:30	2.0	267	30	3.2	0.0
12/02/2024 07:40	2.0	249	30	3.5	0.0
12/02/2024 07:50	2.1	266	33	3.6	0.0
12/02/2024 08:00	2.0	251	29	3.3	0.0
12/02/2024 08:10	2.0	275	46	3.4	0.0
12/02/2024 08:20	2.3	252	23	3.6	0.0
12/02/2024 08:30	2.4	245	21	3.6	0.0
12/02/2024 08:40	1.8	268	41	3.2	0.0
12/02/2024 08:50	2.1	262	41	3.3	0.0
12/02/2024 09:00	2.3	265	37	3.8	0.0
12/02/2024 09:10	2.7	255	23	4.0	0.0
12/02/2024 09:20	2.8	252	24	4.4	0.0
12/02/2024 09:30	2.1	270	43	3.6	0.0
12/02/2024 09:40	2.1	274	37	3.5	0.0
12/02/2024 09:50	2.2	285	47	3.8	0.0
12/02/2024 10:00	2.7	257	31	4.4	0.0
12/02/2024 10:10	2.3	259	33	4.0	0.0
12/02/2024 10:20	2.2	272	39	4.3	0.0
12/02/2024 10:30	2.3	273	41	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 10:40	2.6	291	47	4.1	0.0
12/02/2024 10:50	2.9	254	22	4.6	0.0
12/02/2024 11:00	3.0	255	27	4.4	0.0
12/02/2024 11:10	2.8	250	22	5.4	0.0
12/02/2024 11:20	3.3	247	24	4.8	0.0
12/02/2024 11:30	2.7	276	38	4.1	0.0
12/02/2024 11:40	3.1	265	38	5.3	0.0
12/02/2024 11:50	3.1	260	33	4.9	0.0
12/02/2024 12:00	2.8	289	46	4.8	0.0
12/02/2024 12:10	3.2	309	44	5.6	0.0
12/02/2024 12:20	4.1	318	34	6.4	0.0
12/02/2024 12:30	3.5	295	40	5.8	0.0
12/02/2024 12:40	3.2	306	45	6.2	0.0
12/02/2024 12:50	3.1	280	38	5.6	0.0
12/02/2024 13:00	3.2	278	36	5.2	0.0
12/02/2024 13:10	3.0	259	36	5.7	0.0
12/02/2024 13:20	3.0	267	43	4.8	0.0
12/02/2024 13:30	2.7	287	47	4.5	0.0
12/02/2024 13:40	2.6	270	46	4.7	0.0
12/02/2024 13:50	3.1	265	44	5.3	0.0
12/02/2024 14:00	3.4	315	37	6.2	0.0
12/02/2024 14:10	3.5	316	37	5.6	0.0
12/02/2024 14:20	3.2	305	40	5.4	0.0
12/02/2024 14:30	3.4	315	46	6.0	0.0
12/02/2024 14:40	3.6	313	44	6.3	0.0
12/02/2024 14:50	4.0	321	35	6.6	0.0
12/02/2024 15:00	4.8	320	24	7.1	0.0
12/02/2024 15:10	4.9	321	24	7.4	0.0
12/02/2024 15:20	4.5	318	25	6.9	0.0
12/02/2024 15:30	3.6	297	38	6.6	0.0
12/02/2024 15:40	3.9	312	35	6.0	0.0
12/02/2024 15:50	3.9	298	33	6.8	0.0
12/02/2024 16:00	3.6	301	37	6.1	0.0
12/02/2024 16:10	3.7	292	33	6.2	0.0
12/02/2024 16:20	3.7	300	33	6.6	0.0
12/02/2024 16:30	3.8	280	38	5.8	0.0
12/02/2024 16:40	3.8	276	37	6.4	0.0
12/02/2024 16:50	3.7	313	33	6.5	0.0
12/02/2024 17:00	3.5	296	36	5.7	0.0
12/02/2024 17:10	3.6	274	30	5.9	0.0
12/02/2024 17:20	3.2	299	36	6.0	0.0
12/02/2024 17:30	3.4	269	29	5.1	0.0
12/02/2024 17:40	2.7	291	37	4.7	0.0
12/02/2024 17:50	3.1	266	24	5.9	0.0
12/02/2024 18:00	2.8	283	35	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 18:10	3.3	261	21	4.9	0.0
12/02/2024 18:20	3.3	261	25	5.2	0.0
12/02/2024 18:30	2.8	266	22	4.8	0.0
12/02/2024 18:40	2.7	271	33	4.4	0.0
12/02/2024 18:50	3.0	274	37	5.0	0.0
12/02/2024 19:00	3.2	258	24	4.9	0.0
12/02/2024 19:10	3.4	253	25	4.8	0.0
12/02/2024 19:20	3.8	255	18	5.6	0.0
12/02/2024 19:30	3.1	259	19	5.1	0.0
12/02/2024 19:40	3.7	252	14	5.4	0.0
12/02/2024 19:50	3.1	258	21	5.5	0.0
12/02/2024 20:00	3.4	258	19	5.5	0.0
12/02/2024 20:10	3.3	255	15	5.0	0.0
12/02/2024 20:20	2.8	260	21	4.3	0.0
12/02/2024 20:30	3.4	261	18	5.0	0.0
12/02/2024 20:40	3.4	257	19	5.3	0.0
12/02/2024 20:50	3.8	250	14	5.3	0.0
12/02/2024 21:00	3.4	255	19	5.2	0.0
12/02/2024 21:10	3.4	257	20	6.2	0.0
12/02/2024 21:20	3.9	255	17	5.7	0.0
12/02/2024 21:30	3.4	258	21	5.3	0.0
12/02/2024 21:40	2.7	262	27	4.4	0.0
12/02/2024 21:50	3.1	257	20	5.0	0.0
12/02/2024 22:00	2.8	264	25	4.7	0.0
12/02/2024 22:10	2.6	269	29	4.3	0.0
12/02/2024 22:20	2.6	264	25	4.0	0.0
12/02/2024 22:30	2.8	267	29	4.4	0.0
12/02/2024 22:40	3.1	262	20	4.4	0.0
12/02/2024 22:50	3.2	261	17	5.6	0.0
12/02/2024 23:00	3.7	256	14	5.6	0.0
12/02/2024 23:10	4.1	255	16	6.0	0.0
12/02/2024 23:20	4.6	257	15	6.4	0.0
12/02/2024 23:30	4.0	256	16	5.8	0.0
12/02/2024 23:40	4.4	257	18	6.3	0.0
12/02/2024 23:50	3.7	261	19	5.6	0.0
13/02/2024 00:00	4.9	259	16	7.5	0.0
13/02/2024 00:10	4.9	257	17	7.1	0.0
13/02/2024 00:20	4.5	254	17	7.1	0.0
13/02/2024 00:30	4.9	254	17	7.3	0.0
13/02/2024 00:40	4.4	259	18	6.4	0.0
13/02/2024 00:50	4.6	255	21	6.5	0.0
13/02/2024 01:00	3.9	259	19	6.2	0.0
13/02/2024 01:10	4.0	256	21	7.2	0.0
13/02/2024 01:20	2.7	261	23	4.7	0.0
13/02/2024 01:30	2.4	259	23	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 01:40	2.5	256	19	3.9	0.0
13/02/2024 01:50	3.2	256	17	4.8	0.0
13/02/2024 02:00	2.1	264	29	3.6	0.0
13/02/2024 02:10	2.2	264	31	3.9	0.0
13/02/2024 02:20	2.5	253	22	4.0	0.0
13/02/2024 02:30	1.8	268	35	3.6	0.0
13/02/2024 02:40	1.9	308	31	3.4	0.0
13/02/2024 02:50	1.7	272	32	2.6	0.0
13/02/2024 03:00	1.5	264	40	2.7	0.0
13/02/2024 03:10	2.1	267	29	3.6	0.0
13/02/2024 03:20	2.9	258	17	4.4	0.0
13/02/2024 03:30	2.2	258	23	3.5	0.0
13/02/2024 03:40	3.7	251	17	5.2	0.0
13/02/2024 03:50	4.0	254	16	5.5	0.0
13/02/2024 04:00	3.9	253	14	5.6	0.0
13/02/2024 04:10	3.8	259	16	5.6	0.0
13/02/2024 04:20	3.7	260	17	5.8	0.0
13/02/2024 04:30	3.3	256	17	5.0	0.0
13/02/2024 04:40	2.1	259	18	3.2	0.0
13/02/2024 04:50	1.5	275	22	2.4	0.0
13/02/2024 05:00	2.3	253	26	3.7	0.0
13/02/2024 05:10	3.2	250	19	4.7	0.0
13/02/2024 05:20	2.6	268	22	4.4	0.0
13/02/2024 05:30	3.4	254	15	4.9	0.0
13/02/2024 05:40	4.2	254	15	6.3	0.0
13/02/2024 05:50	2.4	263	22	3.9	0.0
13/02/2024 06:00	2.3	256	27	3.7	0.0
13/02/2024 06:10	3.5	253	16	5.9	0.0
13/02/2024 06:20	3.4	258	19	5.5	0.0
13/02/2024 06:30	2.5	263	23	4.0	0.0
13/02/2024 06:40	3.0	255	22	4.8	0.0
13/02/2024 06:50	2.9	262	20	4.4	0.0
13/02/2024 07:00	2.1	268	34	3.6	0.0
13/02/2024 07:10	2.5	256	22	3.7	0.0
13/02/2024 07:20	2.6	255	20	4.4	0.0
13/02/2024 07:30	2.9	236	29	4.8	0.0
13/02/2024 07:40	1.5	165	49	3.3	0.0
13/02/2024 07:50	3.6	245	17	5.5	0.0
13/02/2024 08:00	3.0	234	26	4.8	0.0
13/02/2024 08:10	2.0	233	29	3.6	0.0
13/02/2024 08:20	2.7	252	20	4.3	0.0
13/02/2024 08:30	1.1	190	40	2.3	0.0
13/02/2024 08:40	2.7	264	24	4.2	0.0
13/02/2024 08:50	1.5	212	63	2.5	0.0
13/02/2024 09:00	2.5	269	30	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 09:10	2.3	216	55	5.0	0.0
13/02/2024 09:20	2.2	286	39	4.0	0.0
13/02/2024 09:30	2.0	323	44	3.7	0.0
13/02/2024 09:40	2.7	297	35	4.6	0.0
13/02/2024 09:50	2.3	287	49	4.1	0.0
13/02/2024 10:00	2.6	293	33	5.2	0.0
13/02/2024 10:10	2.5	298	39	4.4	0.0
13/02/2024 10:20	2.4	152	46	4.4	0.0
13/02/2024 10:30	1.9	321	43	3.6	0.0
13/02/2024 10:40	2.6	326	39	4.4	0.0
13/02/2024 10:50	2.7	335	29	4.6	0.0
13/02/2024 11:00	2.6	346	28	4.4	0.0
13/02/2024 11:10	2.4	327	39	4.0	0.0
13/02/2024 11:20	2.3	332	40	4.3	0.0
13/02/2024 11:30	2.7	327	34	4.6	0.0
13/02/2024 11:40	2.9	336	26	4.9	0.0
13/02/2024 11:50	2.7	338	32	4.8	0.0
13/02/2024 12:00	2.7	331	35	4.3	0.0
13/02/2024 12:10	2.7	316	37	4.8	0.0
13/02/2024 12:20	2.9	330	36	4.6	0.0
13/02/2024 12:30	3.0	327	24	5.2	0.0
13/02/2024 12:40	2.9	325	35	4.8	0.0
13/02/2024 12:50	3.0	339	30	5.1	0.0
13/02/2024 13:00	2.7	328	37	4.8	0.0
13/02/2024 13:10	3.0	309	36	6.1	0.0
13/02/2024 13:20	3.4	324	28	5.2	0.0
13/02/2024 13:30	3.3	324	28	5.4	0.0
13/02/2024 13:40	3.3	321	37	6.0	0.0
13/02/2024 13:50	3.2	314	38	5.6	0.0
13/02/2024 14:00	3.2	299	50	5.7	0.0
13/02/2024 14:10	3.2	280	50	5.5	0.0
13/02/2024 14:20	3.7	328	27	6.3	0.0
13/02/2024 14:30	3.3	309	39	5.2	0.0
13/02/2024 14:40	3.0	173	33	4.7	0.0
13/02/2024 14:50	2.7	297	44	5.2	0.0
13/02/2024 15:00	3.0	166	38	4.9	0.0
13/02/2024 15:10	2.8	335	41	4.8	0.0
13/02/2024 15:20	3.0	320	31	5.0	0.0
13/02/2024 15:30	2.7	329	37	4.8	0.0
13/02/2024 15:40	2.9	304	40	4.9	0.0
13/02/2024 15:50	2.7	325	43	5.1	0.0
13/02/2024 16:00	2.7	306	43	5.2	0.0
13/02/2024 16:10	3.1	330	34	5.3	0.0
13/02/2024 16:20	2.9	323	34	5.0	0.0
13/02/2024 16:30	2.8	327	35	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 16:40	3.0	336	34	5.1	0.0
13/02/2024 16:50	2.7	327	34	5.2	0.0
13/02/2024 17:00	2.8	334	37	5.5	0.0
13/02/2024 17:10	2.4	330	42	4.7	0.0
13/02/2024 17:20	3.5	328	24	5.7	0.0
13/02/2024 17:30	2.9	337	31	5.2	0.0
13/02/2024 17:40	3.3	317	35	6.4	0.0
13/02/2024 17:50	3.0	315	32	5.3	0.0
13/02/2024 18:00	3.4	324	31	6.0	0.0
13/02/2024 18:10	3.3	319	36	6.7	0.0
13/02/2024 18:20	3.8	323	31	7.0	0.0
13/02/2024 18:30	4.2	326	33	7.7	0.0
13/02/2024 18:40	4.4	324	27	7.2	0.0
13/02/2024 18:50	3.9	330	43	7.5	0.0
13/02/2024 19:00	3.9	317	34	7.2	0.0
13/02/2024 19:10	3.3	308	50	6.0	0.0
13/02/2024 19:20	3.2	294	37	5.6	0.0
13/02/2024 19:30	3.0	311	42	4.9	0.0
13/02/2024 19:40	2.3	313	50	4.2	0.0
13/02/2024 19:50	2.1	286	43	3.8	0.0
13/02/2024 20:00	2.5	285	42	3.9	0.0
13/02/2024 20:10	2.2	288	43	4.0	0.0
13/02/2024 20:20	2.3	270	30	3.7	0.0
13/02/2024 20:30	1.7	298	50	2.8	0.0
13/02/2024 20:40	1.7	317	52	3.1	0.0
13/02/2024 20:50	1.3	291	38	2.4	0.0
13/02/2024 21:00	1.2	313	46	2.2	0.0
13/02/2024 21:10	1.1	306	47	2.1	0.0
13/02/2024 21:20	1.0	302	52	2.0	0.0
13/02/2024 21:30	1.1	25	30	1.7	0.0
13/02/2024 21:40	1.1	35	40	1.7	0.0
13/02/2024 21:50	1.4	52	24	2.3	0.0
13/02/2024 22:00	1.2	41	26	1.9	0.0
13/02/2024 22:10	1.6	97	28	2.7	0.0
13/02/2024 22:20	1.5	52	39	2.6	0.0
13/02/2024 22:30	2.4	90	27	3.7	0.0
13/02/2024 22:40	1.7	86	27	2.9	0.0
13/02/2024 22:50	1.5	65	21	2.8	0.0
13/02/2024 23:00	1.8	45	25	3.1	0.0
13/02/2024 23:10	1.9	43	32	2.9	0.0
13/02/2024 23:20	1.4	31	32	2.1	0.0
13/02/2024 23:30	1.7	22	26	2.6	0.0
13/02/2024 23:40	2.3	21	21	3.7	0.0
13/02/2024 23:50	2.2	11	32	4.0	0.0
14/02/2024 00:00	2.5	329	41	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 00:10	3.2	319	29	5.0	0.0
14/02/2024 00:20	3.1	324	31	5.4	0.0
14/02/2024 00:30	3.6	333	30	6.4	0.0
14/02/2024 00:40	3.5	280	32	6.2	0.0
14/02/2024 00:50	3.1	291	39	5.0	0.0
14/02/2024 01:00	2.2	296	37	3.5	0.0
14/02/2024 01:10	2.0	263	31	3.6	0.0
14/02/2024 01:20	2.3	269	28	4.1	0.0
14/02/2024 01:30	2.1	283	40	4.0	0.0
14/02/2024 01:40	3.0	252	24	4.8	0.0
14/02/2024 01:50	1.8	281	54	3.2	0.0
14/02/2024 02:00	1.5	279	36	2.8	0.0
14/02/2024 02:10	1.3	263	40	2.6	0.0
14/02/2024 02:20	2.0	267	29	3.9	0.0
14/02/2024 02:30	1.9	276	40	3.2	0.0
14/02/2024 02:40	2.2	289	41	3.5	0.0
14/02/2024 02:50	2.3	265	33	4.3	0.0
14/02/2024 03:00	3.3	255	19	5.1	0.0
14/02/2024 03:10	2.8	293	34	4.9	0.0
14/02/2024 03:20	2.8	291	41	4.6	0.0
14/02/2024 03:30	2.0	327	45	3.5	0.0
14/02/2024 03:40	1.6	157	43	2.9	0.0
14/02/2024 03:50	0.6	125	44	1.2	0.0
14/02/2024 04:00	1.5	24	35	2.4	0.0
14/02/2024 04:10	1.6	31	27	2.3	0.0
14/02/2024 04:20	1.5	31	25	2.5	0.0
14/02/2024 04:30	1.0	33	37	2.0	0.0
14/02/2024 04:40	1.2	159	44	2.3	0.0
14/02/2024 04:50	1.3	347	29	2.5	0.0
14/02/2024 05:00	1.4	282	55	2.7	0.0
14/02/2024 05:10	1.6	284	40	3.0	0.0
14/02/2024 05:20	2.0	292	37	3.7	0.0
14/02/2024 05:30	1.7	271	44	3.3	0.0
14/02/2024 05:40	1.8	293	35	3.6	0.0
14/02/2024 05:50	1.6	303	49	3.2	0.0
14/02/2024 06:00	1.7	280	46	3.1	0.0
14/02/2024 06:10	1.7	291	39	2.9	0.0
14/02/2024 06:20	1.5	280	46	2.8	0.0
14/02/2024 06:30	1.5	293	41	2.8	0.0
14/02/2024 06:40	1.4	297	47	2.6	0.0
14/02/2024 06:50	1.7	304	43	3.1	0.0
14/02/2024 07:00	1.5	285	44	2.8	0.0
14/02/2024 07:10	1.7	291	38	3.2	0.0
14/02/2024 07:20	2.1	306	34	3.6	0.0
14/02/2024 07:30	2.3	298	35	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 07:40	2.5	262	25	4.0	0.0
14/02/2024 07:50	2.4	291	40	4.3	0.0
14/02/2024 08:00	2.5	298	38	4.2	0.0
14/02/2024 08:10	2.5	273	35	3.7	0.0
14/02/2024 08:20	2.4	288	42	3.8	0.0
14/02/2024 08:30	2.4	259	26	3.6	0.0
14/02/2024 08:40	2.5	257	33	4.3	0.0
14/02/2024 08:50	1.9	284	40	3.2	0.0
14/02/2024 09:00	2.1	256	39	3.6	0.0
14/02/2024 09:10	2.3	250	41	3.9	0.0
14/02/2024 09:20	2.3	269	42	3.7	0.0
14/02/2024 09:30	2.1	286	47	3.9	0.0
14/02/2024 09:40	1.8	286	39	3.9	0.0
14/02/2024 09:50	1.7	329	51	3.2	0.0
14/02/2024 10:00	1.5	181	49	3.3	0.0
14/02/2024 10:10	2.0	333	41	3.8	0.0
14/02/2024 10:20	1.6	167	56	2.8	0.0
14/02/2024 10:30	1.8	273	49	3.5	0.0
14/02/2024 10:40	2.1	315	35	4.0	0.0
14/02/2024 10:50	2.1	348	32	3.6	0.0
14/02/2024 11:00	2.1	340	50	3.8	0.0
14/02/2024 11:10	2.2	332	40	3.7	0.0
14/02/2024 11:20	2.1	339	39	4.0	0.0
14/02/2024 11:30	2.4	319	40	4.6	0.0
14/02/2024 11:40	2.4	328	35	4.5	0.0
14/02/2024 11:50	2.1	318	45	3.9	0.0
14/02/2024 12:00	2.5	336	31	4.2	0.0
14/02/2024 12:10	2.5	317	44	4.2	0.0
14/02/2024 12:20	2.5	342	34	4.4	0.0
14/02/2024 12:30	2.2	189	29	4.0	0.0
14/02/2024 12:40	2.4	16	37	4.2	0.0
14/02/2024 12:50	2.4	334	41	5.6	0.0
14/02/2024 13:00	2.7	330	25	4.1	0.0
14/02/2024 13:10	2.6	346	31	4.1	0.0
14/02/2024 13:20	2.7	336	31	4.8	0.0
14/02/2024 13:30	3.2	345	22	4.7	0.0
14/02/2024 13:40	2.5	341	34	4.4	0.0
14/02/2024 13:50	2.4	319	33	4.3	0.0
14/02/2024 14:00	2.3	348	41	5.1	0.0
14/02/2024 14:10	2.5	183	36	4.4	0.0
14/02/2024 14:20	3.0	330	33	4.8	0.0
14/02/2024 14:30	2.5	322	30	4.5	0.0
14/02/2024 14:40	2.6	177	39	4.7	0.0
14/02/2024 14:50	3.1	326	26	5.2	0.0
14/02/2024 15:00	2.7	323	36	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 15:10	2.7	316	40	4.8	0.0
14/02/2024 15:20	2.9	320	31	4.9	0.0
14/02/2024 15:30	2.7	311	41	4.2	0.0
14/02/2024 15:40	2.9	329	40	5.8	0.0
14/02/2024 15:50	3.3	326	35	6.0	0.0
14/02/2024 16:00	3.5	326	39	5.6	0.0
14/02/2024 16:10	3.1	335	39	5.2	0.0
14/02/2024 16:20	3.6	328	35	6.1	0.0
14/02/2024 16:30	4.2	330	31	6.9	0.0
14/02/2024 16:40	3.4	316	32	5.1	0.0
14/02/2024 16:50	3.6	323	30	6.0	0.0
14/02/2024 17:00	3.4	324	33	5.5	0.0
14/02/2024 17:10	3.1	317	37	6.0	0.0
14/02/2024 17:20	3.7	327	28	6.8	0.0
14/02/2024 17:30	4.1	316	31	6.7	0.0
14/02/2024 17:40	3.2	320	29	6.0	0.0
14/02/2024 17:50	3.0	312	42	5.6	0.0
14/02/2024 18:00	2.8	312	41	4.8	0.0
14/02/2024 18:10	2.8	306	43	5.0	0.0
14/02/2024 18:20	2.4	279	37	4.0	0.0
14/02/2024 18:30	2.5	285	42	4.4	0.0
14/02/2024 18:40	2.6	300	35	5.2	0.0
14/02/2024 18:50	2.4	280	40	4.1	0.0
14/02/2024 19:00	2.3	292	48	4.0	0.0
14/02/2024 19:10	2.6	285	39	4.0	0.0
14/02/2024 19:20	2.5	267	32	4.0	0.0
14/02/2024 19:30	2.7	255	23	4.1	0.0
14/02/2024 19:40	2.4	258	28	4.1	0.0
14/02/2024 19:50	2.3	258	28	3.6	0.0
14/02/2024 20:00	2.2	274	35	4.0	0.0
14/02/2024 20:10	2.2	259	28	3.6	0.0
14/02/2024 20:20	2.1	254	25	3.6	0.0
14/02/2024 20:30	2.2	248	22	3.2	0.0
14/02/2024 20:40	4.6	192	17	6.7	0.0
14/02/2024 20:50	3.5	174	18	5.6	0.0
14/02/2024 21:00	2.9	179	18	4.4	0.0
14/02/2024 21:10	1.2	182	50	2.7	0.0
14/02/2024 21:20	1.2	235	41	1.6	0.0
14/02/2024 21:30	1.2	190	30	1.7	0.0
14/02/2024 21:40	0.8	218	28	1.3	0.0
14/02/2024 21:50	0.9	279	18	1.7	0.0
14/02/2024 22:00	1.6	275	21	2.2	0.0
14/02/2024 22:10	1.5	246	18	2.2	0.0
14/02/2024 22:20	1.7	228	13	2.4	0.0
14/02/2024 22:30	1.6	244	25	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 22:40	1.7	254	18	2.5	0.0
14/02/2024 22:50	1.2	302	39	2.7	0.0
14/02/2024 23:00	1.9	311	41	3.2	0.0
14/02/2024 23:10	2.3	329	22	3.7	0.0
14/02/2024 23:20	2.5	322	21	3.6	0.0
14/02/2024 23:30	2.4	318	26	4.1	0.0
14/02/2024 23:40	2.5	318	23	4.2	0.0
14/02/2024 23:50	3.0	315	23	4.8	0.0
15/02/2024 00:00	3.0	323	22	5.1	0.0
15/02/2024 00:10	3.5	319	18	5.2	0.0
15/02/2024 00:20	3.2	307	27	4.9	0.0
15/02/2024 00:30	3.1	316	26	4.8	0.0
15/02/2024 00:40	3.5	317	26	5.6	0.0
15/02/2024 00:50	3.4	320	24	6.4	0.0
15/02/2024 01:00	3.7	315	27	6.0	0.0
15/02/2024 01:10	3.2	307	33	5.8	0.0
15/02/2024 01:20	2.4	280	47	4.4	0.0
15/02/2024 01:30	2.2	288	46	3.9	0.0
15/02/2024 01:40	2.3	261	38	4.0	0.0
15/02/2024 01:50	2.2	241	32	3.9	0.0
15/02/2024 02:00	1.8	258	30	2.8	0.0
15/02/2024 02:10	2.1	288	43	3.9	0.0
15/02/2024 02:20	1.9	311	37	3.7	0.0
15/02/2024 02:30	2.3	328	32	4.1	0.0
15/02/2024 02:40	2.3	321	23	3.9	0.0
15/02/2024 02:50	2.0	321	31	3.6	0.0
15/02/2024 03:00	1.8	298	38	3.6	0.0
15/02/2024 03:10	2.1	312	29	3.6	0.0
15/02/2024 03:20	1.7	311	33	3.2	0.0
15/02/2024 03:30	1.8	312	29	3.1	0.0
15/02/2024 03:40	1.6	263	38	2.7	0.0
15/02/2024 03:50	1.9	252	29	2.8	0.0
15/02/2024 04:00	1.5	241	27	2.3	0.0
15/02/2024 04:10	1.3	236	46	2.0	0.0
15/02/2024 04:20	0.1	222	8	0.7	0.0
15/02/2024 04:30	0.2	119	10	0.8	0.0
15/02/2024 04:40	0.2	128	8	0.7	0.0
15/02/2024 04:50	0.3	86	9	0.8	0.0
15/02/2024 05:00	0.1	49	4	0.6	0.0
15/02/2024 05:10					0.0
15/02/2024 05:20					0.0
15/02/2024 05:30					0.0
15/02/2024 05:40	0.8	252	11	1.4	0.0
15/02/2024 05:50	1.3	248	12	1.9	0.0
15/02/2024 06:00	1.6	243	16	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 06:10	1.5	247	14	2.3	0.0
15/02/2024 06:20	1.7	246	15	2.5	0.0
15/02/2024 06:30	2.2	239	17	3.0	0.0
15/02/2024 06:40	2.5	245	18	3.6	0.0
15/02/2024 06:50	3.9	241	22	6.0	0.0
15/02/2024 07:00	4.6	233	19	6.7	0.0
15/02/2024 07:10	3.6	221	16	4.9	0.0
15/02/2024 07:20	3.7	234	21	5.2	0.0
15/02/2024 07:30	3.7	234	22	5.2	0.0
15/02/2024 07:40	3.8	241	15	5.5	0.0
15/02/2024 07:50	3.9	241	19	5.9	0.0
15/02/2024 08:00	4.3	232	18	6.0	0.0
15/02/2024 08:10	3.8	244	20	5.4	0.0
15/02/2024 08:20	2.9	250	20	4.9	0.0
15/02/2024 08:30	2.1	246	50	3.6	0.0
15/02/2024 08:40	1.4	175	40	2.4	0.0
15/02/2024 08:50	0.9	59	32	1.6	0.0
15/02/2024 09:00	0.7	83	35	1.5	0.0
15/02/2024 09:10	1.6	99	28	2.7	0.0
15/02/2024 09:20	1.8	113	32	2.8	0.0
15/02/2024 09:30	1.9	97	29	3.2	0.0
15/02/2024 09:40	1.5	86	25	2.9	0.0
15/02/2024 09:50	1.5	78	28	2.4	0.0
15/02/2024 10:00	1.2	86	28	2.1	0.0
15/02/2024 10:10	1.0	98	56	2.4	0.0
15/02/2024 10:20	2.1	204	19	3.2	0.0
15/02/2024 10:30	1.9	229	28	3.3	0.0
15/02/2024 10:40	3.6	239	15	5.2	0.0
15/02/2024 10:50	3.4	253	19	5.1	0.0
15/02/2024 11:00	2.8	253	19	4.0	0.0
15/02/2024 11:10	2.4	242	26	4.3	0.0
15/02/2024 11:20	2.9	255	19	4.4	0.0
15/02/2024 11:30	3.0	243	22	4.5	0.0
15/02/2024 11:40	3.3	243	17	4.9	0.0
15/02/2024 11:50	3.1	253	21	4.9	0.0
15/02/2024 12:00	2.4	258	26	3.9	0.0
15/02/2024 12:10	2.3	249	34	3.9	0.0
15/02/2024 12:20	2.2	240	38	3.7	0.0
15/02/2024 12:30	3.1	243	19	4.8	0.0
15/02/2024 12:40	3.2	234	18	4.7	0.0
15/02/2024 12:50	2.6	261	48	4.2	0.0
15/02/2024 13:00	2.5	295	37	3.7	0.0
15/02/2024 13:10	2.7	309	38	4.5	0.0
15/02/2024 13:20	3.0	267	36	5.6	0.0
15/02/2024 13:30	2.9	275	35	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 13:40	2.8	284	34	4.6	0.0
15/02/2024 13:50	3.0	322	41	4.8	0.0
15/02/2024 14:00	3.2	326	23	4.8	0.0
15/02/2024 14:10	2.9	322	30	4.5	0.0
15/02/2024 14:20	3.0	318	33	4.8	0.0
15/02/2024 14:30	3.1	319	35	5.4	0.0
15/02/2024 14:40	3.3	315	33	5.3	0.0
15/02/2024 14:50	3.2	309	37	5.2	0.0
15/02/2024 15:00	3.7	322	23	5.9	0.0
15/02/2024 15:10	3.6	325	23	5.6	0.0
15/02/2024 15:20	3.5	315	32	5.8	0.0
15/02/2024 15:30	3.3	308	38	5.5	0.0
15/02/2024 15:40	3.1	318	35	5.1	0.0
15/02/2024 15:50	3.3	280	40	5.3	0.0
15/02/2024 16:00	3.2	291	40	5.2	0.0
15/02/2024 16:10	3.2	317	33	5.5	0.0
15/02/2024 16:20	3.4	324	24	4.9	0.0
15/02/2024 16:30	3.3	319	25	5.4	0.0
15/02/2024 16:40	2.8	308	34	5.0	0.0
15/02/2024 16:50	3.1	314	34	5.7	0.0
15/02/2024 17:00	3.2	306	34	5.5	0.0
15/02/2024 17:10	3.3	304	43	5.4	0.0
15/02/2024 17:20	2.7	293	41	4.8	0.0
15/02/2024 17:30	3.1	302	39	5.0	0.0
15/02/2024 17:40	3.0	293	39	5.6	0.0
15/02/2024 17:50	3.4	299	37	5.7	0.0
15/02/2024 18:00	3.4	306	36	5.8	0.0
15/02/2024 18:10	2.9	289	40	4.9	0.0
15/02/2024 18:20	2.7	283	45	4.3	0.0
15/02/2024 18:30	2.8	267	29	4.8	0.0
15/02/2024 18:40	2.6	298	45	4.8	0.0
15/02/2024 18:50	2.5	275	46	4.3	0.0
15/02/2024 19:00	2.6	272	36	4.8	0.0
15/02/2024 19:10	2.8	265	27	5.1	0.0
15/02/2024 19:20	3.2	265	27	5.1	0.0
15/02/2024 19:30	2.5	274	39	5.2	0.0
15/02/2024 19:40	2.9	264	32	4.9	0.0
15/02/2024 19:50	3.0	257	33	4.9	0.0
15/02/2024 20:00	2.5	278	37	4.0	0.0
15/02/2024 20:10	3.1	254	25	5.2	0.0
15/02/2024 20:20	2.9	260	28	4.8	0.0
15/02/2024 20:30	3.0	253	21	4.7	0.0
15/02/2024 20:40	2.7	249	17	3.8	0.0
15/02/2024 20:50	3.3	252	16	4.7	0.0
15/02/2024 21:00	3.3	245	19	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 21:10	3.7	234	15	5.3	0.0
15/02/2024 21:20	3.4	232	18	4.9	0.0
15/02/2024 21:30	3.7	251	18	4.9	0.0
15/02/2024 21:40	3.3	232	22	4.6	0.0
15/02/2024 21:50	3.0	241	20	4.3	0.0
15/02/2024 22:00	3.1	253	16	5.0	0.0
15/02/2024 22:10	3.6	252	15	5.3	0.0
15/02/2024 22:20	3.8	251	16	5.2	0.0
15/02/2024 22:30	3.3	250	16	5.2	0.0
15/02/2024 22:40	3.5	248	14	5.2	0.0
15/02/2024 22:50	3.8	253	15	5.2	0.0
15/02/2024 23:00	4.0	250	16	6.0	0.0
15/02/2024 23:10	4.2	255	12	6.0	0.0
15/02/2024 23:20	3.8	254	14	5.7	0.0
15/02/2024 23:30	2.6	251	18	4.0	0.0
15/02/2024 23:40	2.9	250	18	4.4	0.0
15/02/2024 23:50	1.9	254	22	3.3	0.0
16/02/2024 00:00	2.5	261	23	3.9	0.0
16/02/2024 00:10	2.7	250	18	4.1	0.0
16/02/2024 00:20	2.0	255	18	3.0	0.0
16/02/2024 00:30	2.7	261	15	3.7	0.0
16/02/2024 00:40	2.8	252	18	4.4	0.0
16/02/2024 00:50	3.3	245	13	4.7	0.0
16/02/2024 01:00	3.1	247	17	5.0	0.0
16/02/2024 01:10	2.9	242	16	4.5	0.0
16/02/2024 01:20	2.8	238	17	4.3	0.0
16/02/2024 01:30	2.5	236	18	4.0	0.0
16/02/2024 01:40	2.1	237	19	3.2	0.0
16/02/2024 01:50	2.1	247	17	3.0	0.0
16/02/2024 02:00	2.3	250	19	3.7	0.0
16/02/2024 02:10	2.8	238	17	4.0	0.0
16/02/2024 02:20	3.1	234	16	4.7	0.0
16/02/2024 02:30	3.1	230	16	4.4	0.0
16/02/2024 02:40	3.2	238	18	5.2	0.0
16/02/2024 02:50	2.7	242	17	3.9	0.0
16/02/2024 03:00	2.8	243	15	4.0	0.0
16/02/2024 03:10	2.6	243	19	3.9	0.0
16/02/2024 03:20	2.8	253	17	4.2	0.0
16/02/2024 03:30	2.9	255	15	4.4	0.0
16/02/2024 03:40	2.3	243	19	3.4	0.0
16/02/2024 03:50	2.7	230	14	3.9	0.0
16/02/2024 04:00	4.1	246	13	5.8	0.0
16/02/2024 04:10	4.2	243	15	6.2	0.0
16/02/2024 04:20	4.3	251	16	6.8	0.0
16/02/2024 04:30	3.6	237	22	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 04:40	1.6	151	47	3.3	0.0
16/02/2024 04:50	1.6	292	18	2.6	0.0
16/02/2024 05:00	2.1	252	22	3.8	0.0
16/02/2024 05:10	2.1	242	23	3.2	0.0
16/02/2024 05:20	0.7	241	28	1.2	0.0
16/02/2024 05:30	0.3	329	10	1.2	0.0
16/02/2024 05:40	1.7	275	19	2.3	0.0
16/02/2024 05:50	1.4	251	16	2.6	0.0
16/02/2024 06:00	3.0	259	14	4.8	0.0
16/02/2024 06:10	3.8	257	15	5.6	0.0
16/02/2024 06:20	3.4	260	16	5.2	0.0
16/02/2024 06:30	2.3	256	22	3.6	0.0
16/02/2024 06:40	2.7	237	23	4.0	0.0
16/02/2024 06:50	3.0	248	18	4.4	0.0
16/02/2024 07:00	2.9	242	16	4.2	0.0
16/02/2024 07:10	2.6	232	16	4.0	0.0
16/02/2024 07:20	2.0	254	18	3.2	0.0
16/02/2024 07:30	3.1	243	14	4.4	0.0
16/02/2024 07:40	2.6	238	17	4.0	0.0
16/02/2024 07:50	1.6	265	32	2.6	0.0
16/02/2024 08:00	2.2	252	16	3.2	0.0
16/02/2024 08:10	2.7	252	16	4.0	0.0
16/02/2024 08:20	2.1	241	20	3.1	0.0
16/02/2024 08:30	1.8	303	27	3.4	0.0
16/02/2024 08:40	2.1	284	41	4.0	0.0
16/02/2024 08:50	2.4	252	24	3.9	0.0
16/02/2024 09:00	2.2	291	36	4.0	0.0
16/02/2024 09:10	2.1	294	46	3.6	0.0
16/02/2024 09:20	2.1	313	37	3.4	0.0
16/02/2024 09:30	2.7	316	33	4.3	0.0
16/02/2024 09:40	2.6	317	33	4.8	0.0
16/02/2024 09:50	3.1	311	31	4.9	0.0
16/02/2024 10:00	2.9	310	30	5.2	0.0
16/02/2024 10:10	2.8	296	43	4.9	0.0
16/02/2024 10:20	3.1	320	27	4.8	0.0
16/02/2024 10:30	2.9	311	39	4.9	0.0
16/02/2024 10:40	3.0	296	39	4.9	0.0
16/02/2024 10:50	2.9	308	41	5.6	0.0
16/02/2024 11:00	3.1	278	43	5.2	0.0
16/02/2024 11:10	3.0	283	37	5.5	0.0
16/02/2024 11:20	3.4	274	33	5.1	0.0
16/02/2024 11:30	2.8	270	45	5.1	0.0
16/02/2024 11:40	2.9	301	37	5.0	0.0
16/02/2024 11:50	3.2	310	37	4.8	0.0
16/02/2024 12:00	3.1	295	42	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 12:10	3.4	290	26	5.4	0.0
16/02/2024 12:20	3.1	292	40	4.9	0.0
16/02/2024 12:30	2.8	301	35	4.8	0.0
16/02/2024 12:40	2.7	298	43	4.9	0.0
16/02/2024 12:50	3.3	272	40	5.2	0.0
16/02/2024 13:00	3.4	309	37	5.4	0.0
16/02/2024 13:10	3.0	291	38	5.4	0.0
16/02/2024 13:20	3.1	312	31	5.5	0.0
16/02/2024 13:30	3.4	284	39	5.9	0.0
16/02/2024 13:40	3.5	289	38	5.8	0.0
16/02/2024 13:50	3.4	286	40	5.7	0.0
16/02/2024 14:00	3.8	303	37	6.4	0.0
16/02/2024 14:10	3.5	293	39	6.2	0.0
16/02/2024 14:20	3.1	293	40	6.3	0.0
16/02/2024 14:30	3.7	277	41	6.0	0.0
16/02/2024 14:40	3.6	270	37	5.9	0.0
16/02/2024 14:50	4.0	279	31	6.7	0.0
16/02/2024 15:00	3.7	275	40	6.4	0.0
16/02/2024 15:10	3.4	290	39	5.2	0.0
16/02/2024 15:20	4.1	269	25	6.4	0.0
16/02/2024 15:30	3.7	273	37	5.9	0.0
16/02/2024 15:40	3.8	265	28	6.4	0.0
16/02/2024 15:50	4.0	261	23	6.0	0.0
16/02/2024 16:00	5.9	247	16	8.5	0.0
16/02/2024 16:10	5.7	248	16	8.0	0.0
16/02/2024 16:20	5.5	249	15	8.3	0.0
16/02/2024 16:30	5.8	245	17	8.3	0.0
16/02/2024 16:40	5.2	246	17	7.3	0.0
16/02/2024 16:50	4.8	246	16	6.8	0.0
16/02/2024 17:00	3.8	265	24	6.0	0.0
16/02/2024 17:10	3.1	271	28	5.1	0.0
16/02/2024 17:20	2.7	286	32	5.1	0.0
16/02/2024 17:30	2.9	282	39	5.3	0.0
16/02/2024 17:40	3.5	265	23	5.7	0.0
16/02/2024 17:50	3.1	260	23	5.1	0.0
16/02/2024 18:00	3.0	263	21	4.5	0.0
16/02/2024 18:10	3.3	260	21	4.8	0.0
16/02/2024 18:20	3.8	252	16	5.6	0.0
16/02/2024 18:30	4.0	251	15	5.8	0.0
16/02/2024 18:40	4.1	251	14	5.7	0.0
16/02/2024 18:50	3.9	250	14	5.4	0.0
16/02/2024 19:00	3.6	246	13	5.2	0.0
16/02/2024 19:10	3.6	250	13	5.2	0.0
16/02/2024 19:20	4.3	249	12	6.5	0.0
16/02/2024 19:30	4.4	248	15	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 19:40	4.6	244	14	6.2	0.0
16/02/2024 19:50	4.8	248	15	6.4	0.0
16/02/2024 20:00	4.3	246	14	6.6	0.0
16/02/2024 20:10	4.2	252	17	6.2	0.0
16/02/2024 20:20	4.5	247	15	6.3	0.0
16/02/2024 20:30	4.1	250	16	5.9	0.0
16/02/2024 20:40	3.9	254	15	5.6	0.0
16/02/2024 20:50	4.0	259	17	6.1	0.0
16/02/2024 21:00	4.4	256	17	6.1	0.0
16/02/2024 21:10	3.7	251	14	5.4	0.0
16/02/2024 21:20	4.2	256	15	6.4	0.0
16/02/2024 21:30	4.3	250	16	6.0	0.0
16/02/2024 21:40	4.5	251	15	6.2	0.0
16/02/2024 21:50	4.5	251	15	6.4	0.0
16/02/2024 22:00	4.9	253	14	7.4	0.0
16/02/2024 22:10	4.4	249	14	6.2	0.0
16/02/2024 22:20	4.7	254	15	6.8	0.0
16/02/2024 22:30	4.6	253	14	6.8	0.0
16/02/2024 22:40	4.3	252	17	6.2	0.0
16/02/2024 22:50	4.5	250	15	6.4	0.0
16/02/2024 23:00	4.6	247	17	6.4	0.0
16/02/2024 23:10	4.3	238	15	6.0	0.0
16/02/2024 23:20	3.9	241	15	6.0	0.0
16/02/2024 23:30	4.2	251	19	6.0	0.0
16/02/2024 23:40	4.1	247	21	6.4	0.0
16/02/2024 23:50	3.4	245	18	5.3	0.0
17/02/2024 00:00	3.7	247	19	5.2	0.0
17/02/2024 00:10	3.7	245	18	5.6	0.0
17/02/2024 00:20	3.5	242	16	5.6	0.0
17/02/2024 00:30	3.8	246	18	5.5	0.0
17/02/2024 00:40	3.7	247	17	5.3	0.0
17/02/2024 00:50	3.4	237	16	5.6	0.0
17/02/2024 01:00	3.6	243	21	5.3	0.0
17/02/2024 01:10	4.0	242	16	6.1	0.0
17/02/2024 01:20	3.5	259	18	5.3	0.0
17/02/2024 01:30	3.9	250	19	5.6	0.0
17/02/2024 01:40	3.5	261	18	5.2	0.0
17/02/2024 01:50	4.3	253	14	6.3	0.0
17/02/2024 02:00	3.7	260	18	5.4	0.0
17/02/2024 02:10	4.1	253	15	6.1	0.0
17/02/2024 02:20	3.8	249	15	5.5	0.0
17/02/2024 02:30	4.4	255	16	6.1	0.0
17/02/2024 02:40	3.5	248	15	5.0	0.0
17/02/2024 02:50	3.0	240	19	4.5	0.0
17/02/2024 03:00	2.5	258	23	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 03:10	3.1	250	19	5.0	0.0
17/02/2024 03:20	3.6	253	17	5.7	0.0
17/02/2024 03:30	3.4	253	16	4.9	0.0
17/02/2024 03:40	3.4	252	18	5.1	0.0
17/02/2024 03:50	2.3	266	27	4.4	0.0
17/02/2024 04:00	2.0	269	35	3.2	0.0
17/02/2024 04:10	2.4	255	21	3.5	0.0
17/02/2024 04:20	1.9	251	31	3.2	0.0
17/02/2024 04:30	1.9	267	35	3.3	0.0
17/02/2024 04:40	1.9	259	28	2.8	0.0
17/02/2024 04:50	2.3	247	23	3.3	0.0
17/02/2024 05:00	2.2	239	20	3.8	0.0
17/02/2024 05:10	1.2	119	44	2.0	0.0
17/02/2024 05:20	1.2	79	20	2.0	0.0
17/02/2024 05:30	1.6	50	18	2.4	0.0
17/02/2024 05:40	1.0	25	21	1.8	0.0
17/02/2024 05:50	1.2	20	21	2.0	0.0
17/02/2024 06:00	1.0	23	30	2.2	0.0
17/02/2024 06:10	1.0	258	8	1.9	0.0
17/02/2024 06:20	2.8	258	13	3.9	0.0
17/02/2024 06:30	4.5	247	14	6.4	0.0
17/02/2024 06:40	5.6	256	17	7.7	0.0
17/02/2024 06:50	6.4	263	15	9.5	0.0
17/02/2024 07:00	5.6	253	14	8.1	0.0
17/02/2024 07:10	6.1	255	15	9.5	0.0
17/02/2024 07:20	5.1	260	17	7.5	0.0
17/02/2024 07:30	4.8	253	17	7.9	0.0
17/02/2024 07:40	3.7	271	22	6.0	0.0
17/02/2024 07:50	2.9	302	38	5.1	0.0
17/02/2024 08:00	3.0	262	26	4.9	0.0
17/02/2024 08:10	3.9	253	19	6.3	0.0
17/02/2024 08:20	4.8	251	18	6.6	0.0
17/02/2024 08:30	3.9	253	18	5.6	0.0
17/02/2024 08:40	4.5	249	20	6.1	0.0
17/02/2024 08:50	5.0	249	18	7.2	0.0
17/02/2024 09:00	5.2	250	14	7.2	0.0
17/02/2024 09:10	4.6	252	19	7.5	0.0
17/02/2024 09:20	4.2	252	22	6.4	0.0
17/02/2024 09:30	4.4	254	19	6.1	0.0
17/02/2024 09:40	4.4	248	16	6.8	0.0
17/02/2024 09:50	4.0	257	18	6.1	0.0
17/02/2024 10:00	4.2	255	17	6.4	0.0
17/02/2024 10:10	3.3	260	24	5.2	0.0
17/02/2024 10:20	3.6	258	18	5.1	0.0
17/02/2024 10:30	3.7	253	17	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 10:40	4.0	255	17	6.1	0.0
17/02/2024 10:50	4.1	246	18	6.2	0.0
17/02/2024 11:00	4.1	246	17	5.7	0.0
17/02/2024 11:10	4.5	243	17	6.2	0.0
17/02/2024 11:20	4.4	247	18	6.1	0.0
17/02/2024 11:30	4.3	242	17	6.8	0.0
17/02/2024 11:40	4.6	244	13	6.7	0.0
17/02/2024 11:50	4.4	242	15	6.0	0.0
17/02/2024 12:00	4.5	243	16	6.0	0.0
17/02/2024 12:10	4.0	255	23	6.6	0.0
17/02/2024 12:20	2.9	283	44	5.4	0.0
17/02/2024 12:30	3.2	297	43	5.0	0.0
17/02/2024 12:40	3.1	294	40	5.2	0.0
17/02/2024 12:50	3.3	290	39	6.3	0.0
17/02/2024 13:00	3.8	321	31	6.8	0.0
17/02/2024 13:10	4.0	310	34	6.2	0.0
17/02/2024 13:20	3.9	302	38	6.3	0.0
17/02/2024 13:30	3.7	291	40	5.7	0.0
17/02/2024 13:40	3.8	258	34	6.0	0.0
17/02/2024 13:50	2.9	287	49	6.0	0.0
17/02/2024 14:00	3.7	289	37	6.6	0.0
17/02/2024 14:10	3.7	277	32	6.1	0.0
17/02/2024 14:20	3.6	269	27	6.0	0.0
17/02/2024 14:30	4.0	259	20	6.4	0.0
17/02/2024 14:40	3.2	275	39	5.4	0.0
17/02/2024 14:50	3.2	277	37	5.2	0.0
17/02/2024 15:00	3.4	289	37	5.3	0.0
17/02/2024 15:10	3.2	284	32	5.0	0.0
17/02/2024 15:20	3.1	297	37	5.2	0.0
17/02/2024 15:30	3.0	286	40	4.9	0.0
17/02/2024 15:40	3.2	277	36	5.6	0.0
17/02/2024 15:50	3.3	273	36	6.0	0.0
17/02/2024 16:00	3.0	277	39	5.2	0.0
17/02/2024 16:10	3.2	273	34	5.5	0.0
17/02/2024 16:20	3.1	291	40	5.7	0.0
17/02/2024 16:30	3.0	267	34	5.2	0.0
17/02/2024 16:40	3.2	265	25	5.2	0.0
17/02/2024 16:50	3.0	264	27	5.1	0.0
17/02/2024 17:00	3.2	261	27	5.8	0.0
17/02/2024 17:10	3.1	263	28	4.8	0.0
17/02/2024 17:20	2.5	275	31	4.0	0.0
17/02/2024 17:30	2.9	282	33	4.9	0.0
17/02/2024 17:40	2.6	289	36	5.1	0.0
17/02/2024 17:50	2.9	276	33	5.2	0.0
17/02/2024 18:00	2.9	289	35	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 18:10	2.9	304	39	4.7	0.0
17/02/2024 18:20	2.6	276	41	4.6	0.0
17/02/2024 18:30	2.8	297	44	5.6	0.0
17/02/2024 18:40	2.7	283	36	4.7	0.0
17/02/2024 18:50	3.3	272	29	5.2	0.0
17/02/2024 19:00	2.7	276	33	4.8	0.0
17/02/2024 19:10	2.9	261	33	5.0	0.0
17/02/2024 19:20	3.0	258	21	5.2	0.0
17/02/2024 19:30	3.4	260	27	5.4	0.0
17/02/2024 19:40	3.1	261	30	5.2	0.0
17/02/2024 19:50	3.4	262	20	5.4	0.0
17/02/2024 20:00	3.6	259	26	5.3	0.0
17/02/2024 20:10	3.7	256	21	5.4	0.0
17/02/2024 20:20	3.5	256	21	5.3	0.0
17/02/2024 20:30	3.3	257	22	4.8	0.0
17/02/2024 20:40	3.4	258	21	4.7	0.0
17/02/2024 20:50	3.1	256	19	4.8	0.0
17/02/2024 21:00	3.1	258	22	4.6	0.0
17/02/2024 21:10	3.0	255	20	4.5	0.0
17/02/2024 21:20	3.7	258	16	5.3	0.0
17/02/2024 21:30	2.9	254	18	4.5	0.0
17/02/2024 21:40	3.6	251	19	5.8	0.0
17/02/2024 21:50	3.9	250	16	5.7	0.0
17/02/2024 22:00	3.5	258	17	5.5	0.0
17/02/2024 22:10	3.5	245	16	5.1	0.0
17/02/2024 22:20	3.7	253	16	5.0	0.0
17/02/2024 22:30	4.4	246	14	6.0	0.0
17/02/2024 22:40	3.9	248	14	5.5	0.0
17/02/2024 22:50	3.9	251	14	5.6	0.0
17/02/2024 23:00	3.8	251	15	5.1	0.0
17/02/2024 23:10	3.7	249	16	5.4	0.0
17/02/2024 23:20	3.6	250	17	5.5	0.0
17/02/2024 23:30	3.8	250	16	5.7	0.0
17/02/2024 23:40	4.4	251	14	6.9	0.0
17/02/2024 23:50	3.9	253	18	6.6	0.0
18/02/2024 00:00	4.3	249	17	6.6	0.0
18/02/2024 00:10	4.0	250	18	6.0	0.0
18/02/2024 00:20	3.8	251	17	5.5	0.0
18/02/2024 00:30	3.7	249	18	5.5	0.0
18/02/2024 00:40	3.4	251	18	5.0	0.0
18/02/2024 00:50	3.2	230	16	4.4	0.0
18/02/2024 01:00	2.7	238	19	4.0	0.0
18/02/2024 01:10	3.0	237	16	4.0	0.0
18/02/2024 01:20	2.4	235	16	3.6	0.0
18/02/2024 01:30	2.6	237	19	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 01:40	3.0	230	17	4.1	0.0
18/02/2024 01:50	2.5	248	17	3.5	0.0
18/02/2024 02:00	2.8	245	17	4.1	0.0
18/02/2024 02:10	2.6	254	16	3.6	0.0
18/02/2024 02:20	2.4	245	15	3.7	0.0
18/02/2024 02:30	2.4	253	19	3.6	0.0
18/02/2024 02:40	2.0	249	16	2.9	0.0
18/02/2024 02:50	2.1	251	18	3.3	0.0
18/02/2024 03:00	2.5	245	17	3.5	0.0
18/02/2024 03:10	2.2	250	16	3.2	0.0
18/02/2024 03:20	2.0	253	13	3.1	0.0
18/02/2024 03:30	2.3	259	16	3.5	0.0
18/02/2024 03:40	2.5	257	17	3.5	0.0
18/02/2024 03:50	2.4	254	15	3.2	0.0
18/02/2024 04:00	1.7	254	20	2.5	0.0
18/02/2024 04:10	2.1	247	15	3.2	0.0
18/02/2024 04:20	1.1	259	26	2.0	0.0
18/02/2024 04:30	1.1	249	23	1.9	0.0
18/02/2024 04:40	1.5	249	18	2.3	0.0
18/02/2024 04:50	1.4	250	30	2.6	0.0
18/02/2024 05:00	1.8	249	19	2.5	0.0
18/02/2024 05:10	1.9	251	19	2.7	0.0
18/02/2024 05:20	1.7	245	20	2.5	0.0
18/02/2024 05:30	2.0	248	20	3.4	0.0
18/02/2024 05:40	2.1	254	17	3.6	0.0
18/02/2024 05:50	1.8	252	23	2.9	0.0
18/02/2024 06:00	2.2	252	17	3.7	0.0
18/02/2024 06:10	2.1	249	19	3.1	0.0
18/02/2024 06:20	2.3	248	20	3.3	0.0
18/02/2024 06:30	2.5	252	16	3.5	0.0
18/02/2024 06:40	2.2	254	19	4.0	0.0
18/02/2024 06:50	2.2	251	16	3.5	0.0
18/02/2024 07:00	2.0	252	22	3.1	0.0
18/02/2024 07:10	2.8	249	19	4.0	0.0
18/02/2024 07:20	2.6	252	18	4.0	0.0
18/02/2024 07:30	3.8	239	16	5.3	0.0
18/02/2024 07:40	4.0	248	16	5.7	0.0
18/02/2024 07:50	4.0	248	15	5.5	0.0
18/02/2024 08:00	3.9	244	16	5.5	0.0
18/02/2024 08:10	3.6	248	18	5.0	0.0
18/02/2024 08:20	3.9	254	19	5.9	0.0
18/02/2024 08:30	4.0	252	18	5.6	0.0
18/02/2024 08:40	4.3	254	16	6.0	0.0
18/02/2024 08:50	4.3	258	17	5.9	0.0
18/02/2024 09:00	4.1	250	18	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 09:10	3.6	254	22	5.8	0.0
18/02/2024 09:20	4.0	245	21	6.1	0.0
18/02/2024 09:30	4.5	238	16	6.1	0.0
18/02/2024 09:40	4.4	251	16	6.0	0.0
18/02/2024 09:50	4.2	246	17	6.4	0.0
18/02/2024 10:00	4.2	243	19	5.9	0.0
18/02/2024 10:10	4.4	239	17	6.5	0.0
18/02/2024 10:20	4.6	242	17	6.4	0.0
18/02/2024 10:30	4.3	237	20	6.4	0.0
18/02/2024 10:40	4.1	241	16	5.4	0.0
18/02/2024 10:50	4.0	238	19	5.3	0.0
18/02/2024 11:00	4.0	237	16	5.9	0.0
18/02/2024 11:10	4.4	244	16	6.2	0.0
18/02/2024 11:20	4.1	248	18	6.0	0.0
18/02/2024 11:30	4.2	245	15	5.7	0.0
18/02/2024 11:40	2.9	263	26	5.3	0.0
18/02/2024 11:50	3.1	257	26	5.5	0.0
18/02/2024 12:00	3.4	263	25	5.8	0.0
18/02/2024 12:10	2.8	293	38	4.7	0.0
18/02/2024 12:20	2.7	288	42	4.3	0.0
18/02/2024 12:30	3.0	299	43	5.2	0.0
18/02/2024 12:40	2.7	303	42	5.4	0.0
18/02/2024 12:50	3.2	323	33	6.1	0.0
18/02/2024 13:00	3.0	312	39	5.1	0.0
18/02/2024 13:10	3.7	323	30	5.6	0.0
18/02/2024 13:20	3.2	305	42	6.0	0.0
18/02/2024 13:30	3.1	300	44	5.1	0.0
18/02/2024 13:40	3.0	310	40	4.9	0.0
18/02/2024 13:50	3.1	289	47	5.5	0.0
18/02/2024 14:00	3.2	302	40	5.3	0.0
18/02/2024 14:10	3.6	302	32	5.6	0.0
18/02/2024 14:20	3.2	314	35	5.4	0.0
18/02/2024 14:30	3.9	322	33	6.0	0.0
18/02/2024 14:40	3.2	284	37	5.4	0.0
18/02/2024 14:50	3.1	284	41	5.3	0.0
18/02/2024 15:00	3.6	291	40	6.1	0.0
18/02/2024 15:10	3.4	282	35	7.4	0.0
18/02/2024 15:20	4.2	269	30	6.8	0.0
18/02/2024 15:30	3.7	272	36	6.1	0.0
18/02/2024 15:40	3.5	290	35	6.0	0.0
18/02/2024 15:50	3.5	294	41	6.7	0.0
18/02/2024 16:00	3.2	295	34	5.2	0.0
18/02/2024 16:10	3.3	291	37	5.5	0.0
18/02/2024 16:20	3.3	279	33	5.5	0.0
18/02/2024 16:30	3.5	268	25	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 16:40	4.1	262	20	6.0	0.0
18/02/2024 16:50	3.6	268	24	6.0	0.0
18/02/2024 17:00	3.7	262	18	5.0	0.0
18/02/2024 17:10	4.9	257	16	7.0	0.0
18/02/2024 17:20	5.5	252	13	7.7	0.0
18/02/2024 17:30	5.4	254	14	7.3	0.0
18/02/2024 17:40	5.4	248	15	7.4	0.0
18/02/2024 17:50	5.2	246	15	7.4	0.0
18/02/2024 18:00	5.1	249	15	7.2	0.0
18/02/2024 18:10	5.3	250	14	7.5	0.0
18/02/2024 18:20	5.1	248	14	6.8	0.0
18/02/2024 18:30	5.3	248	15	7.2	0.0
18/02/2024 18:40	5.1	246	12	7.1	0.0
18/02/2024 18:50	5.1	246	13	7.2	0.0
18/02/2024 19:00	4.9	251	14	6.6	0.0
18/02/2024 19:10	4.9	258	17	7.3	0.0
18/02/2024 19:20	4.6	256	15	7.1	0.0
18/02/2024 19:30	4.8	259	16	6.5	0.0
18/02/2024 19:40	4.7	257	16	6.8	0.0
18/02/2024 19:50	4.8	256	16	6.6	0.0
18/02/2024 20:00	4.4	253	14	6.8	0.0
18/02/2024 20:10	4.5	254	15	6.1	0.0
18/02/2024 20:20	4.9	254	14	6.8	0.0
18/02/2024 20:30	4.5	249	12	6.0	0.0
18/02/2024 20:40	4.4	256	15	6.7	0.0
18/02/2024 20:50	4.6	259	13	6.5	0.0
18/02/2024 21:00	4.1	257	15	6.0	0.0
18/02/2024 21:10	4.1	251	13	5.6	0.0
18/02/2024 21:20	4.4	252	15	6.5	0.0
18/02/2024 21:30	3.9	256	14	5.4	0.0
18/02/2024 21:40	4.2	253	17	5.7	0.0
18/02/2024 21:50	4.0	256	15	5.8	0.0
18/02/2024 22:00	4.2	252	13	6.0	0.0
18/02/2024 22:10	4.2	250	16	6.0	0.0
18/02/2024 22:20	4.0	246	16	5.9	0.0
18/02/2024 22:30	4.7	252	16	6.4	0.0
18/02/2024 22:40	4.0	254	18	6.7	0.0
18/02/2024 22:50	3.8	241	15	5.7	0.0
18/02/2024 23:00	3.2	235	16	4.8	0.0
18/02/2024 23:10	3.5	249	17	5.4	0.0
18/02/2024 23:20	3.9	241	18	6.2	0.0
18/02/2024 23:30	3.8	242	20	5.3	0.0
18/02/2024 23:40	3.6	240	14	5.2	0.0
18/02/2024 23:50	3.9	241	16	6.0	0.0
19/02/2024 00:00	4.1	246	18	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 00:10	3.8	249	15	5.7	0.0
19/02/2024 00:20	3.8	246	18	5.6	0.0
19/02/2024 00:30	3.7	249	18	5.3	0.0
19/02/2024 00:40	3.7	247	19	5.4	0.0
19/02/2024 00:50	3.9	248	18	6.0	0.0
19/02/2024 01:00	3.7	247	16	5.4	0.0
19/02/2024 01:10	4.2	251	17	6.1	0.0
19/02/2024 01:20	4.0	253	15	5.9	0.0
19/02/2024 01:30	3.5	258	14	5.6	0.0
19/02/2024 01:40	3.5	246	15	4.9	0.0
19/02/2024 01:50	3.0	240	18	4.8	0.0
19/02/2024 02:00	3.5	234	17	5.1	0.0
19/02/2024 02:10	3.4	245	17	4.8	0.0
19/02/2024 02:20	3.1	248	19	4.5	0.0
19/02/2024 02:30	3.4	249	16	5.1	0.0
19/02/2024 02:40	3.4	249	19	5.2	0.0
19/02/2024 02:50	3.4	256	14	4.9	0.0
19/02/2024 03:00	3.7	255	14	5.4	0.0
19/02/2024 03:10	3.8	256	15	5.1	0.0
19/02/2024 03:20	3.3	254	17	5.1	0.0
19/02/2024 03:30	3.2	249	16	4.4	0.0
19/02/2024 03:40	3.7	248	18	5.5	0.0
19/02/2024 03:50	3.6	249	18	5.3	0.0
19/02/2024 04:00	3.8	249	19	6.0	0.0
19/02/2024 04:10	3.3	252	17	5.1	0.0
19/02/2024 04:20	3.3	254	16	4.7	0.0
19/02/2024 04:30	2.9	253	17	4.4	0.0
19/02/2024 04:40	3.2	259	15	4.9	0.0
19/02/2024 04:50	2.6	257	17	3.6	0.0
19/02/2024 05:00	2.9	261	17	4.3	0.0
19/02/2024 05:10	2.7	261	16	4.0	0.0
19/02/2024 05:20	2.7	264	15	3.9	0.0
19/02/2024 05:30	3.2	260	15	4.5	0.0
19/02/2024 05:40	3.6	265	15	5.1	0.0
19/02/2024 05:50	3.0	267	15	4.4	0.0
19/02/2024 06:00	2.0	259	21	3.4	0.0
19/02/2024 06:10	2.1	257	19	3.2	0.0
19/02/2024 06:20	1.9	261	20	3.0	0.0
19/02/2024 06:30	2.3	262	18	3.3	0.0
19/02/2024 06:40	2.0	252	21	2.8	0.0
19/02/2024 06:50	2.0	235	17	3.2	0.0
19/02/2024 07:00	2.4	248	17	3.6	0.0
19/02/2024 07:10	2.7	242	18	3.7	0.0
19/02/2024 07:20	2.7	243	17	3.9	0.0
19/02/2024 07:30	2.9	239	17	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 07:40	3.1	250	19	4.3	0.0
19/02/2024 07:50	3.4	268	18	4.8	0.0
19/02/2024 08:00	3.1	278	22	4.1	0.0
19/02/2024 08:10	3.0	269	16	4.6	0.0
19/02/2024 08:20	3.3	231	21	5.3	0.0
19/02/2024 08:30	3.7	222	15	5.6	0.0
19/02/2024 08:40	4.0	229	17	5.7	0.0
19/02/2024 08:50	3.4	216	17	4.8	0.0
19/02/2024 09:00	3.1	189	21	5.0	0.0
19/02/2024 09:10	3.4	189	20	5.0	0.0
19/02/2024 09:20	3.2	195	16	4.5	0.0
19/02/2024 09:30	2.9	197	23	4.5	0.0
19/02/2024 09:40	2.5	187	26	4.3	0.0
19/02/2024 09:50	2.2	165	29	4.0	0.0
19/02/2024 10:00	2.1	154	32	3.4	0.0
19/02/2024 10:10	2.1	120	26	3.5	0.0
19/02/2024 10:20	1.9	117	27	2.8	0.0
19/02/2024 10:30	1.7	118	30	3.0	0.0
19/02/2024 10:40	1.5	128	43	2.8	0.0
19/02/2024 10:50	1.7	240	61	2.7	0.0
19/02/2024 11:00	1.6	342	46	2.9	0.0
19/02/2024 11:10	1.4	313	57	2.4	0.0
19/02/2024 11:20	2.3	43	36	4.0	0.0
19/02/2024 11:30	2.0	189	42	3.8	0.0
19/02/2024 11:40	1.5	67	51	2.8	0.0
19/02/2024 11:50	2.5	35	29	4.6	0.0
19/02/2024 12:00	2.7	172	31	4.8	0.0
19/02/2024 12:10	3.6	330	24	5.6	0.0
19/02/2024 12:20	3.4	349	32	5.6	0.0
19/02/2024 12:30	3.2	345	31	5.2	0.0
19/02/2024 12:40	3.7	327	22	6.1	0.0
19/02/2024 12:50	3.9	330	23	6.4	0.0
19/02/2024 13:00	3.9	337	23	6.5	0.0
19/02/2024 13:10	3.3	328	30	5.6	0.0
19/02/2024 13:20	3.9	316	28	6.2	0.0
19/02/2024 13:30	3.7	323	29	6.3	0.0
19/02/2024 13:40	3.5	320	29	5.7	0.0
19/02/2024 13:50	3.6	316	33	5.3	0.0
19/02/2024 14:00	3.0	306	36	5.2	0.0
19/02/2024 14:10	3.3	298	34	5.0	0.0
19/02/2024 14:20	3.0	292	40	5.5	0.0
19/02/2024 14:30	3.1	284	43	4.9	0.0
19/02/2024 14:40	3.0	284	41	4.9	0.0
19/02/2024 14:50	3.5	272	29	5.7	0.0
19/02/2024 15:00	3.9	259	22	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 15:10	3.9	261	25	6.0	0.0
19/02/2024 15:20	4.0	255	18	6.4	0.0
19/02/2024 15:30	4.2	257	20	6.5	0.0
19/02/2024 15:40	3.6	261	19	5.6	0.0
19/02/2024 15:50	3.5	261	20	4.9	0.0
19/02/2024 16:00	3.4	265	26	5.3	0.0
19/02/2024 16:10	4.0	256	18	6.4	0.0
19/02/2024 16:20	3.8	256	18	5.6	0.0
19/02/2024 16:30	4.3	250	16	6.3	0.0
19/02/2024 16:40	4.5	256	17	6.4	0.0
19/02/2024 16:50	4.6	254	15	6.5	0.0
19/02/2024 17:00	4.6	247	13	6.1	0.0
19/02/2024 17:10	4.4	248	16	6.2	0.0
19/02/2024 17:20	5.2	253	14	7.0	0.0
19/02/2024 17:30	5.2	249	16	7.3	0.0
19/02/2024 17:40	5.3	251	14	7.1	0.0
19/02/2024 17:50	4.7	256	16	6.8	0.0
19/02/2024 18:00	5.5	253	14	7.2	0.0
19/02/2024 18:10	5.6	258	11	7.3	0.0
19/02/2024 18:20	4.8	258	13	6.8	0.0
19/02/2024 18:30	5.2	260	13	6.9	0.0
19/02/2024 18:40	5.2	254	13	6.9	0.0
19/02/2024 18:50	4.3	254	14	5.9	0.0
19/02/2024 19:00	4.8	252	15	6.8	0.0
19/02/2024 19:10	4.8	255	16	6.8	0.0
19/02/2024 19:20	4.7	258	16	6.3	0.0
19/02/2024 19:30	4.8	260	15	6.1	0.0
19/02/2024 19:40	4.1	260	14	6.4	0.0
19/02/2024 19:50	4.3	258	16	5.9	0.0
19/02/2024 20:00	4.0	258	13	5.6	0.0
19/02/2024 20:10	4.0	261	15	5.6	0.0
19/02/2024 20:20	3.5	264	17	5.2	0.0
19/02/2024 20:30	3.8	260	14	5.2	0.0
19/02/2024 20:40	3.9	264	13	5.2	0.0
19/02/2024 20:50	4.1	262	15	5.6	0.0
19/02/2024 21:00	3.8	262	15	5.1	0.0
19/02/2024 21:10	4.2	260	13	5.6	0.0
19/02/2024 21:20	3.8	260	14	5.1	0.0
19/02/2024 21:30	3.8	257	14	5.5	0.0
19/02/2024 21:40	3.5	255	15	5.0	0.0
19/02/2024 21:50	3.4	255	13	4.8	0.0
19/02/2024 22:00	3.3	250	15	4.8	0.0
19/02/2024 22:10	2.7	257	18	4.3	0.0
19/02/2024 22:20	3.2	256	15	4.4	0.0
19/02/2024 22:30	3.1	255	12	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 22:40	3.1	255	15	4.7	0.0
19/02/2024 22:50	2.9	253	14	4.4	0.0
19/02/2024 23:00	2.8	255	14	3.8	0.0
19/02/2024 23:10	2.6	259	15	4.0	0.0
19/02/2024 23:20	2.8	256	16	3.8	0.0
19/02/2024 23:30	2.5	259	15	4.1	0.0
19/02/2024 23:40	2.9	259	16	4.3	0.0
19/02/2024 23:50	3.0	256	14	4.3	0.0
20/02/2024 00:00	3.1	256	14	4.5	0.0
20/02/2024 00:10	2.7	253	15	4.1	0.0
20/02/2024 00:20	3.0	249	14	4.3	0.0
20/02/2024 00:30	3.0	255	14	4.4	0.0
20/02/2024 00:40	3.1	251	13	4.6	0.0
20/02/2024 00:50	2.9	247	15	4.0	0.0
20/02/2024 01:00	2.7	245	13	3.8	0.0
20/02/2024 01:10	2.8	246	13	3.9	0.0
20/02/2024 01:20	3.1	247	13	4.3	0.0
20/02/2024 01:30	3.1	252	17	4.4	0.0
20/02/2024 01:40	3.5	254	14	5.2	0.0
20/02/2024 01:50	2.6	250	18	3.7	0.0
20/02/2024 02:00	2.9	253	15	4.1	0.0
20/02/2024 02:10	2.3	246	16	3.5	0.0
20/02/2024 02:20	1.7	252	24	3.6	0.0
20/02/2024 02:30	2.1	244	17	3.5	0.0
20/02/2024 02:40	2.8	250	15	3.8	0.0
20/02/2024 02:50	2.5	243	17	3.7	0.0
20/02/2024 03:00	1.9	240	19	2.8	0.0
20/02/2024 03:10	1.9	250	16	2.8	0.0
20/02/2024 03:20	1.7	246	25	2.6	0.0
20/02/2024 03:30	1.9	243	19	2.6	0.0
20/02/2024 03:40	1.3	234	20	1.9	0.0
20/02/2024 03:50	1.3	228	24	2.1	0.0
20/02/2024 04:00	1.3	238	19	2.4	0.0
20/02/2024 04:10	1.1	227	36	2.0	0.0
20/02/2024 04:20	0.8	216	54	2.0	0.0
20/02/2024 04:30	1.2	213	63	2.3	0.0
20/02/2024 04:40	1.8	222	19	3.0	0.0
20/02/2024 04:50	1.5	240	30	2.8	0.0
20/02/2024 05:00	2.0	236	33	3.5	0.0
20/02/2024 05:10	1.8	242	27	3.2	0.0
20/02/2024 05:20	1.9	244	35	2.9	0.0
20/02/2024 05:30	1.8	234	33	3.2	0.0
20/02/2024 05:40	1.8	240	32	3.2	0.0
20/02/2024 05:50	2.4	232	23	4.0	0.0
20/02/2024 06:00	1.8	230	28	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 06:10	1.9	233	30	3.4	0.0
20/02/2024 06:20	2.1	235	22	3.6	0.0
20/02/2024 06:30	1.5	245	42	2.6	0.0
20/02/2024 06:40	2.1	241	20	3.1	0.0
20/02/2024 06:50	2.4	249	18	3.8	0.0
20/02/2024 07:00	2.4	239	16	3.5	0.0
20/02/2024 07:10	2.7	239	17	4.1	0.0
20/02/2024 07:20	2.6	242	16	4.2	0.0
20/02/2024 07:30	2.4	249	17	4.1	0.0
20/02/2024 07:40	2.4	248	21	3.6	0.0
20/02/2024 07:50	2.4	245	20	3.5	0.0
20/02/2024 08:00	2.5	243	23	3.7	0.0
20/02/2024 08:10	2.6	237	20	3.9	0.0
20/02/2024 08:20	2.9	234	18	4.1	0.0
20/02/2024 08:30	2.8	237	17	3.9	0.0
20/02/2024 08:40	3.2	233	17	4.4	0.0
20/02/2024 08:50	2.9	230	16	4.2	0.0
20/02/2024 09:00	2.0	171	62	4.0	0.0
20/02/2024 09:10	2.3	276	34	3.6	0.0
20/02/2024 09:20	2.0	317	40	3.2	0.0
20/02/2024 09:30	1.8	341	31	2.8	0.0
20/02/2024 09:40	2.7	182	33	4.4	0.0
20/02/2024 09:50	2.0	280	47	3.6	0.0
20/02/2024 10:00	2.5	171	43	4.9	0.0
20/02/2024 10:10	2.0	311	61	3.8	0.0
20/02/2024 10:20	2.3	157	37	3.6	0.0
20/02/2024 10:30	1.9	54	54	3.6	0.0
20/02/2024 10:40	2.1	171	38	3.8	0.0
20/02/2024 10:50	2.3	341	39	3.3	0.0
20/02/2024 11:00	2.4	338	33	4.0	0.0
20/02/2024 11:10	2.5	340	32	4.5	0.0
20/02/2024 11:20	2.1	338	42	3.4	0.0
20/02/2024 11:30	1.9	334	37	3.3	0.0
20/02/2024 11:40	2.2	337	39	3.5	0.0
20/02/2024 11:50	2.1	314	36	3.5	0.0
20/02/2024 12:00	2.2	308	37	4.0	0.0
20/02/2024 12:10	2.6	326	23	4.3	0.0
20/02/2024 12:20	2.5	312	40	4.0	0.0
20/02/2024 12:30	3.3	332	35	5.3	0.0
20/02/2024 12:40	3.3	327	29	5.6	0.0
20/02/2024 12:50	3.8	329	25	5.9	0.0
20/02/2024 13:00	4.0	321	26	6.4	0.0
20/02/2024 13:10	3.3	318	34	5.6	0.0
20/02/2024 13:20	3.2	313	38	5.4	0.0
20/02/2024 13:30	3.4	309	37	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 13:40	3.2	314	38	6.0	0.0
20/02/2024 13:50	3.3	296	40	5.6	0.0
20/02/2024 14:00	3.5	319	36	6.0	0.0
20/02/2024 14:10	3.2	289	36	5.2	0.0
20/02/2024 14:20	3.1	309	36	5.2	0.0
20/02/2024 14:30	3.2	295	39	5.6	0.0
20/02/2024 14:40	3.2	313	39	5.6	0.0
20/02/2024 14:50	3.2	315	31	5.2	0.0
20/02/2024 15:00	2.9	309	43	5.0	0.0
20/02/2024 15:10	3.4	277	34	5.2	0.0
20/02/2024 15:20	3.1	287	30	5.2	0.0
20/02/2024 15:30	3.0	314	37	5.4	0.0
20/02/2024 15:40	3.0	275	39	5.5	0.0
20/02/2024 15:50	3.4	267	33	5.2	0.0
20/02/2024 16:00	2.8	310	35	5.5	0.0
20/02/2024 16:10	3.3	315	28	4.8	0.0
20/02/2024 16:20	2.9	309	32	4.8	0.0
20/02/2024 16:30	2.8	309	32	4.6	0.0
20/02/2024 16:40	2.9	323	33	5.1	0.0
20/02/2024 16:50	3.1	301	28	5.3	0.0
20/02/2024 17:00	3.7	322	20	5.8	0.0
20/02/2024 17:10	2.8	310	34	4.7	0.0
20/02/2024 17:20	2.5	283	40	4.1	0.0
20/02/2024 17:30	2.9	282	32	4.5	0.0
20/02/2024 17:40	3.2	268	26	4.9	0.0
20/02/2024 17:50	3.6	258	18	5.7	0.0
20/02/2024 18:00	3.2	272	28	5.0	0.0
20/02/2024 18:10	2.5	301	37	4.4	0.0
20/02/2024 18:20	2.2	284	32	3.9	0.0
20/02/2024 18:30	2.5	297	36	4.3	0.0
20/02/2024 18:40	2.9	315	32	4.5	0.0
20/02/2024 18:50	2.8	306	38	5.0	0.0
20/02/2024 19:00	2.4	280	35	3.7	0.0
20/02/2024 19:10	2.5	289	35	4.8	0.0
20/02/2024 19:20	2.7	267	23	4.2	0.0
20/02/2024 19:30	3.0	259	17	4.2	0.0
20/02/2024 19:40	3.1	261	17	4.1	0.0
20/02/2024 19:50	2.9	268	20	4.4	0.0
20/02/2024 20:00	3.4	256	17	4.8	0.0
20/02/2024 20:10	3.2	261	20	4.8	0.0
20/02/2024 20:20	3.6	255	13	5.1	0.0
20/02/2024 20:30	4.1	257	14	5.6	0.0
20/02/2024 20:40	4.3	254	13	5.7	0.0
20/02/2024 20:50	4.1	254	15	5.6	0.0
20/02/2024 21:00	3.7	252	12	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 21:10	3.7	250	14	5.5	0.0
20/02/2024 21:20	3.5	248	15	5.1	0.0
20/02/2024 21:30	3.6	246	15	5.2	0.0
20/02/2024 21:40	2.9	258	19	4.4	0.0
20/02/2024 21:50	3.0	253	18	4.2	0.0
20/02/2024 22:00	2.5	248	17	3.6	0.0
20/02/2024 22:10	2.0	250	14	3.1	0.0
20/02/2024 22:20	2.2	245	14	3.4	0.0
20/02/2024 22:30	3.1	249	13	4.4	0.0
20/02/2024 22:40	3.1	253	13	4.4	0.0
20/02/2024 22:50	2.7	256	15	3.9	0.0
20/02/2024 23:00	1.8	255	22	2.8	0.0
20/02/2024 23:10	1.9	248	19	3.1	0.0
20/02/2024 23:20	2.1	243	14	3.0	0.0
20/02/2024 23:30	2.2	247	16	3.0	0.0
20/02/2024 23:40	2.6	252	16	3.6	0.0
20/02/2024 23:50	2.8	252	17	4.3	0.0
21/02/2024 00:00	3.2	258	16	4.5	0.0
21/02/2024 00:10	3.3	252	14	4.7	0.0
21/02/2024 00:20	3.5	256	15	5.2	0.0
21/02/2024 00:30	3.7	255	14	5.6	0.0
21/02/2024 00:40	3.4	258	16	5.5	0.0
21/02/2024 00:50	3.2	257	18	4.7	0.0
21/02/2024 01:00	3.4	248	14	5.0	0.0
21/02/2024 01:10	3.0	249	17	4.3	0.0
21/02/2024 01:20	2.9	246	16	4.4	0.0
21/02/2024 01:30	2.1	246	18	3.5	0.0
21/02/2024 01:40	2.1	246	20	3.4	0.0
21/02/2024 01:50	1.7	248	17	2.8	0.0
21/02/2024 02:00	1.9	249	15	2.6	0.0
21/02/2024 02:10	2.5	253	15	3.7	0.0
21/02/2024 02:20	2.1	249	18	3.2	0.0
21/02/2024 02:30	3.0	254	12	4.4	0.0
21/02/2024 02:40	2.8	253	14	4.3	0.0
21/02/2024 02:50	2.3	250	19	3.3	0.0
21/02/2024 03:00	1.3	275	38	2.5	0.0
21/02/2024 03:10	1.1	272	48	2.0	0.0
21/02/2024 03:20	1.0	253	25	2.4	0.0
21/02/2024 03:30	1.4	247	27	2.8	0.0
21/02/2024 03:40	1.3	258	32	2.4	0.0
21/02/2024 03:50	1.7	247	21	2.4	0.0
21/02/2024 04:00	1.7	246	18	2.7	0.0
21/02/2024 04:10	1.4	253	27	2.5	0.0
21/02/2024 04:20	1.5	243	18	2.1	0.0
21/02/2024 04:30	1.7	248	17	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 04:40	1.8	253	17	2.7	0.0
21/02/2024 04:50	2.0	251	17	2.9	0.0
21/02/2024 05:00	1.9	255	23	3.2	0.0
21/02/2024 05:10	1.5	256	28	2.3	0.0
21/02/2024 05:20	2.0	256	25	3.2	0.0
21/02/2024 05:30	2.0	249	21	3.7	0.0
21/02/2024 05:40	2.4	250	17	3.6	0.0
21/02/2024 05:50	2.2	252	25	3.7	0.0
21/02/2024 06:00	2.7	248	15	3.6	0.0
21/02/2024 06:10	2.1	248	19	3.2	0.0
21/02/2024 06:20	2.0	250	17	3.3	0.0
21/02/2024 06:30	1.9	248	15	2.5	0.0
21/02/2024 06:40	2.1	251	19	3.3	0.0
21/02/2024 06:50	2.1	243	15	3.2	0.0
21/02/2024 07:00	2.2	245	18	3.6	0.0
21/02/2024 07:10	2.3	249	19	3.2	0.0
21/02/2024 07:20	2.6	244	19	3.8	0.0
21/02/2024 07:30	2.2	249	21	3.4	0.0
21/02/2024 07:40	2.4	250	22	3.5	0.0
21/02/2024 07:50	2.9	250	19	4.4	0.0
21/02/2024 08:00	3.3	244	19	4.4	0.0
21/02/2024 08:10	2.9	247	19	4.3	0.0
21/02/2024 08:20	3.4	244	18	4.9	0.0
21/02/2024 08:30	3.5	240	19	5.0	0.0
21/02/2024 08:40	3.4	252	19	5.2	0.0
21/02/2024 08:50	2.9	244	19	4.7	0.0
21/02/2024 09:00	3.2	246	22	4.4	0.0
21/02/2024 09:10	3.0	249	18	4.5	0.0
21/02/2024 09:20	2.8	249	27	4.1	0.0
21/02/2024 09:30	3.0	240	19	4.4	0.0
21/02/2024 09:40	3.1	248	18	4.0	0.0
21/02/2024 09:50	2.8	240	19	4.2	0.0
21/02/2024 10:00	2.7	240	24	3.9	0.0
21/02/2024 10:10	2.2	231	25	3.3	0.0
21/02/2024 10:20	2.4	238	28	3.8	0.0
21/02/2024 10:30	1.6	251	37	2.7	0.0
21/02/2024 10:40	1.8	289	39	2.8	0.0
21/02/2024 10:50	1.8	261	35	3.3	0.0
21/02/2024 11:00	1.5	298	63	3.0	0.0
21/02/2024 11:10	1.7	291	39	3.4	0.0
21/02/2024 11:20	2.0	318	33	3.1	0.0
21/02/2024 11:30	2.2	301	39	3.3	0.0
21/02/2024 11:40	2.4	332	30	4.0	0.0
21/02/2024 11:50	2.3	328	23	3.6	0.0
21/02/2024 12:00	2.2	329	28	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 12:10	1.9	323	30	3.1	0.0
21/02/2024 12:20	2.0	328	32	3.7	0.0
21/02/2024 12:30	2.8	336	24	4.6	0.0
21/02/2024 12:40	2.9	327	19	4.5	0.0
21/02/2024 12:50	2.6	329	23	4.2	0.0
21/02/2024 13:00	2.7	327	23	4.4	0.0
21/02/2024 13:10	2.4	333	28	3.9	0.0
21/02/2024 13:20	2.2	328	33	3.7	0.0
21/02/2024 13:30	2.7	339	33	4.6	0.0
21/02/2024 13:40	3.3	321	24	4.8	0.0
21/02/2024 13:50	2.5	336	31	4.3	0.0
21/02/2024 14:00	2.9	320	25	4.9	0.0
21/02/2024 14:10	2.8	319	29	4.4	0.0
21/02/2024 14:20	3.1	324	24	4.8	0.0
21/02/2024 14:30	3.1	329	32	4.9	0.0
21/02/2024 14:40	3.5	321	22	5.1	0.0
21/02/2024 14:50	3.7	339	23	5.2	0.0
21/02/2024 15:00	3.7	328	23	6.0	0.0
21/02/2024 15:10	4.2	326	18	6.3	0.0
21/02/2024 15:20	4.3	330	21	6.4	0.0
21/02/2024 15:30	4.1	329	22	6.5	0.0
21/02/2024 15:40	4.2	322	17	6.3	0.0
21/02/2024 15:50	3.8	321	22	5.9	0.0
21/02/2024 16:00	3.1	305	35	5.3	0.0
21/02/2024 16:10	3.3	321	31	5.1	0.0
21/02/2024 16:20	3.5	330	27	6.3	0.0
21/02/2024 16:30	3.8	349	26	6.6	0.0
21/02/2024 16:40	3.5	331	34	5.9	0.0
21/02/2024 16:50	3.5	321	29	6.6	0.0
21/02/2024 17:00	3.7	311	31	6.0	0.0
21/02/2024 17:10	5.0	318	17	8.3	0.0
21/02/2024 17:20	4.2	319	28	7.1	0.0
21/02/2024 17:30	3.7	313	31	6.0	0.0
21/02/2024 17:40	4.2	319	31	6.7	0.0
21/02/2024 17:50	4.4	319	24	7.0	0.0
21/02/2024 18:00	3.5	310	35	5.5	0.0
21/02/2024 18:10	3.1	297	46	5.0	0.0
21/02/2024 18:20	2.6	279	45	4.3	0.0
21/02/2024 18:30	2.8	273	36	4.2	0.0
21/02/2024 18:40	2.7	253	35	4.5	0.0
21/02/2024 18:50	2.1	249	38	3.6	0.0
21/02/2024 19:00	2.5	253	25	4.1	0.0
21/02/2024 19:10	2.5	251	16	3.6	0.0
21/02/2024 19:20	2.5	249	18	4.1	0.0
21/02/2024 19:30	3.0	251	15	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 19:40	3.1	249	16	4.4	0.0
21/02/2024 19:50	3.7	249	14	5.1	0.0
21/02/2024 20:00	3.6	250	16	4.8	0.0
21/02/2024 20:10	3.2	246	15	4.2	0.0
21/02/2024 20:20	3.3	245	19	4.8	0.0
21/02/2024 20:30	3.7	248	13	5.0	0.0
21/02/2024 20:40	3.6	251	14	5.2	0.0
21/02/2024 20:50	2.4	244	20	3.2	0.0
21/02/2024 21:00	2.4	250	11	3.2	0.0
21/02/2024 21:10	2.5	247	14	3.2	0.0
21/02/2024 21:20	2.1	248	14	3.2	0.0
21/02/2024 21:30	1.7	252	17	2.4	0.0
21/02/2024 21:40	1.8	253	15	2.5	0.0
21/02/2024 21:50	1.9	248	18	2.8	0.0
21/02/2024 22:00	2.5	252	12	3.7	0.0
21/02/2024 22:10	2.8	248	14	3.8	0.0
21/02/2024 22:20	2.7	251	14	3.8	0.0
21/02/2024 22:30	2.4	245	12	3.3	0.0
21/02/2024 22:40	2.2	238	17	3.3	0.0
21/02/2024 22:50	1.7	237	16	2.2	0.0
21/02/2024 23:00	2.0	237	17	2.8	0.0
21/02/2024 23:10	2.7	239	14	3.9	0.0
21/02/2024 23:20	2.7	241	18	3.9	0.0
21/02/2024 23:30	2.3	256	17	3.4	0.0
21/02/2024 23:40	2.9	251	14	4.0	0.0
21/02/2024 23:50	2.4	255	14	3.5	0.0
22/02/2024 00:00	2.6	247	11	3.4	0.0
22/02/2024 00:10	2.7	256	16	4.3	0.0
22/02/2024 00:20	3.3	260	17	4.6	0.0
22/02/2024 00:30	3.4	254	15	4.7	0.0
22/02/2024 00:40	3.5	257	16	5.4	0.0
22/02/2024 00:50	3.7	252	15	5.1	0.0
22/02/2024 01:00	3.8	252	15	5.5	0.0
22/02/2024 01:10	3.2	247	16	4.7	0.0
22/02/2024 01:20	3.4	257	17	5.0	0.0
22/02/2024 01:30	2.6	249	18	4.0	0.0
22/02/2024 01:40	2.4	248	18	3.6	0.0
22/02/2024 01:50	1.9	248	23	3.0	0.0
22/02/2024 02:00	2.1	252	16	3.0	0.0
22/02/2024 02:10	1.2	234	31	2.2	0.0
22/02/2024 02:20	1.7	254	14	2.5	0.0
22/02/2024 02:30	0.7	245	16	1.3	0.0
22/02/2024 02:40	0.4	187	38	1.2	0.0
22/02/2024 02:50	1.3	255	14	2.0	0.0
22/02/2024 03:00	1.4	283	16	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 03:10	1.7	267	16	2.3	0.0
22/02/2024 03:20	1.0	295	17	1.7	0.0
22/02/2024 03:30	0.7	260	18	1.3	0.0
22/02/2024 03:40	0.2	304	9	0.7	0.0
22/02/2024 03:50	0.3	262	11	1.2	0.0
22/02/2024 04:00	0.3	166	16	1.0	0.0
22/02/2024 04:10	0.4	188	9	1.0	0.0
22/02/2024 04:20	0.9	13	37	1.5	0.0
22/02/2024 04:30	0.7	187	24	1.2	0.0
22/02/2024 04:40	0.7	173	22	1.2	0.0
22/02/2024 04:50	0.9	170	16	1.3	0.0
22/02/2024 05:00	0.8	5	21	1.2	0.0
22/02/2024 05:10	0.7	348	16	1.1	0.0
22/02/2024 05:20	0.7	329	20	1.3	0.0
22/02/2024 05:30	0.8	280	16	1.7	0.0
22/02/2024 05:40	0.7	304	29	1.3	0.0
22/02/2024 05:50	0.9	326	54	1.7	0.0
22/02/2024 06:00	0.8	49	15	1.6	0.0
22/02/2024 06:10	0.6	166	17	1.0	0.0
22/02/2024 06:20	0.8	339	13	1.1	0.0
22/02/2024 06:30	0.4	138	7	0.8	0.0
22/02/2024 06:40					0.0
22/02/2024 06:50	0.3	10	11	0.7	0.0
22/02/2024 07:00	0.3	95	11	0.8	0.0
22/02/2024 07:10	0.2	80	13	0.6	0.0
22/02/2024 07:20	0.7	85	13	1.2	0.0
22/02/2024 07:30	1.2	69	19	1.8	0.0
22/02/2024 07:40	1.4	65	18	2.1	0.0
22/02/2024 07:50	1.4	64	19	2.2	0.0
22/02/2024 08:00	1.9	68	20	3.3	0.0
22/02/2024 08:10	2.1	71	18	3.2	0.0
22/02/2024 08:20	2.1	63	22	3.4	0.0
22/02/2024 08:30	2.1	68	23	3.1	0.0
22/02/2024 08:40	2.4	81	23	3.9	0.0
22/02/2024 08:50	2.4	66	19	4.0	0.0
22/02/2024 09:00	2.4	65	24	3.6	0.0
22/02/2024 09:10	2.6	64	17	4.1	0.0
22/02/2024 09:20	2.8	65	17	4.4	0.0
22/02/2024 09:30	2.6	58	19	4.3	0.0
22/02/2024 09:40	3.1	58	18	4.8	0.0
22/02/2024 09:50	3.2	63	18	4.4	0.0
22/02/2024 10:00	3.2	55	21	5.1	0.0
22/02/2024 10:10	3.5	60	17	5.8	0.0
22/02/2024 10:20	3.5	67	20	5.6	0.0
22/02/2024 10:30	3.7	67	19	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 10:40	3.7	70	21	6.6	0.0
22/02/2024 10:50	3.7	63	19	6.0	0.0
22/02/2024 11:00	3.9	67	17	5.6	0.0
22/02/2024 11:10	3.9	70	21	6.0	0.0
22/02/2024 11:20	3.8	67	17	5.6	0.0
22/02/2024 11:30	4.0	64	18	5.8	0.0
22/02/2024 11:40	3.5	66	19	5.3	0.0
22/02/2024 11:50	3.6	63	19	5.9	0.0
22/02/2024 12:00	3.9	52	20	6.6	0.0
22/02/2024 12:10	3.4	65	19	5.0	0.0
22/02/2024 12:20	4.0	58	18	6.3	0.0
22/02/2024 12:30	3.7	61	19	5.6	0.0
22/02/2024 12:40	3.9	54	16	6.0	0.0
22/02/2024 12:50	4.1	50	17	6.5	0.0
22/02/2024 13:00	4.1	52	21	6.1	0.0
22/02/2024 13:10	3.8	62	18	6.0	0.0
22/02/2024 13:20	4.1	62	18	5.8	0.0
22/02/2024 13:30	3.9	63	20	5.6	0.0
22/02/2024 13:40	3.9	59	21	6.4	0.0
22/02/2024 13:50	3.9	67	19	5.6	0.0
22/02/2024 14:00	3.7	63	15	5.6	0.0
22/02/2024 14:10	3.3	61	17	5.2	0.0
22/02/2024 14:20	3.2	67	17	4.8	0.0
22/02/2024 14:30	3.1	64	19	4.5	0.0
22/02/2024 14:40	3.4	59	15	5.2	0.0
22/02/2024 14:50	3.6	57	22	5.4	0.0
22/02/2024 15:00	3.4	42	22	5.1	0.0
22/02/2024 15:10	3.3	45	24	5.2	0.0
22/02/2024 15:20	3.1	39	31	5.0	0.0
22/02/2024 15:30	3.4	36	21	5.5	0.0
22/02/2024 15:40	3.5	43	22	5.6	0.0
22/02/2024 15:50	4.3	47	20	6.2	0.0
22/02/2024 16:00	4.7	48	18	7.4	0.0
22/02/2024 16:10	3.8	40	20	5.8	0.0
22/02/2024 16:20	4.3	42	18	6.8	0.0
22/02/2024 16:30	5.2	40	20	7.9	0.0
22/02/2024 16:40	4.7	51	19	7.7	0.0
22/02/2024 16:50	5.6	50	17	9.5	0.0
22/02/2024 17:00	5.5	49	15	8.1	0.0
22/02/2024 17:10	5.2	50	17	7.5	0.0
22/02/2024 17:20	5.3	46	18	8.7	0.0
22/02/2024 17:30	5.4	45	17	9.0	0.0
22/02/2024 17:40	5.8	51	16	8.8	0.0
22/02/2024 17:50	6.1	44	17	9.1	0.0
22/02/2024 18:00	5.9	48	18	9.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 18:10	5.8	50	15	9.0	0.0
22/02/2024 18:20	4.9	43	19	7.5	0.0
22/02/2024 18:30	5.0	47	18	7.7	0.0
22/02/2024 18:40	4.6	48	19	6.9	0.0
22/02/2024 18:50	4.5	53	19	7.3	0.0
22/02/2024 19:00	4.7	50	15	7.6	0.0
22/02/2024 19:10	4.5	51	19	7.2	0.0
22/02/2024 19:20	5.0	48	18	7.9	0.0
22/02/2024 19:30	3.8	55	19	6.0	0.0
22/02/2024 19:40	3.8	57	18	6.4	0.0
22/02/2024 19:50	3.2	58	21	5.8	0.0
22/02/2024 20:00	3.5	55	18	5.7	0.0
22/02/2024 20:10	3.3	56	18	5.1	0.0
22/02/2024 20:20	3.0	55	16	4.8	0.0
22/02/2024 20:30	2.6	55	16	4.5	0.0
22/02/2024 20:40	2.4	84	20	4.0	0.0
22/02/2024 20:50	2.6	75	18	4.1	0.0
22/02/2024 21:00	2.4	66	19	3.9	0.0
22/02/2024 21:10	2.6	56	20	4.2	0.0
22/02/2024 21:20	3.4	54	19	6.1	0.0
22/02/2024 21:30	3.1	60	20	5.0	0.0
22/02/2024 21:40	2.5	58	20	4.1	0.0
22/02/2024 21:50	2.8	59	21	4.4	0.0
22/02/2024 22:00	2.8	75	20	4.7	0.0
22/02/2024 22:10	2.7	71	20	4.2	0.0
22/02/2024 22:20	2.6	69	20	3.9	0.0
22/02/2024 22:30	2.3	67	19	3.3	0.0
22/02/2024 22:40	1.7	92	21	2.9	0.0
22/02/2024 22:50	1.6	70	18	2.6	0.0
22/02/2024 23:00	1.8	90	19	2.8	0.0
22/02/2024 23:10	1.9	80	17	3.0	0.0
22/02/2024 23:20	2.2	85	21	3.6	0.0
22/02/2024 23:30	2.3	76	19	3.6	0.0
22/02/2024 23:40	2.0	83	23	3.5	0.0
22/02/2024 23:50	1.8	91	32	2.8	0.0
23/02/2024 00:00	1.9	93	22	3.3	0.0
23/02/2024 00:10	2.1	91	21	3.3	0.0
23/02/2024 00:20	1.7	83	23	2.8	0.0
23/02/2024 00:30	2.2	87	20	3.9	0.0
23/02/2024 00:40	2.7	89	21	4.3	0.0
23/02/2024 00:50	2.6	89	21	4.1	0.0
23/02/2024 01:00	2.8	75	19	4.7	0.0
23/02/2024 01:10	2.9	78	17	4.5	0.0
23/02/2024 01:20	2.6	78	19	4.3	0.0
23/02/2024 01:30	2.0	81	23	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 01:40	2.2	81	22	3.6	0.0
23/02/2024 01:50	2.9	84	17	4.7	0.0
23/02/2024 02:00	3.0	80	17	5.1	0.0
23/02/2024 02:10	2.9	78	16	5.0	0.0
23/02/2024 02:20	2.9	87	20	4.7	0.0
23/02/2024 02:30	2.9	81	20	4.4	0.0
23/02/2024 02:40	3.2	80	22	5.0	0.0
23/02/2024 02:50	3.1	81	22	5.0	0.0
23/02/2024 03:00	2.9	88	19	4.9	0.0
23/02/2024 03:10	3.0	82	19	4.8	0.0
23/02/2024 03:20	3.4	79	18	5.4	0.0
23/02/2024 03:30	3.4	66	20	5.3	0.0
23/02/2024 03:40	2.8	63	20	5.0	0.0
23/02/2024 03:50	3.1	71	19	5.4	0.0
23/02/2024 04:00	2.6	70	17	4.0	0.0
23/02/2024 04:10	3.3	65	21	5.6	0.0
23/02/2024 04:20	3.3	71	21	5.1	0.0
23/02/2024 04:30	3.6	70	17	6.2	0.0
23/02/2024 04:40	3.3	73	19	5.6	0.0
23/02/2024 04:50	3.0	71	21	5.2	0.0
23/02/2024 05:00	2.8	73	20	5.2	0.0
23/02/2024 05:10	3.7	73	19	7.1	0.0
23/02/2024 05:20	3.7	65	17	6.3	0.0
23/02/2024 05:30	3.4	69	20	5.8	0.0
23/02/2024 05:40	3.3	68	20	6.0	0.0
23/02/2024 05:50	3.6	76	21	6.0	0.0
23/02/2024 06:00	3.3	73	19	5.4	0.0
23/02/2024 06:10	3.5	69	19	5.2	0.0
23/02/2024 06:20	3.2	73	19	5.2	0.0
23/02/2024 06:30	3.8	75	18	6.0	0.0
23/02/2024 06:40	3.7	78	17	5.8	0.0
23/02/2024 06:50	3.2	75	21	5.3	0.0
23/02/2024 07:00	3.1	80	20	5.3	0.0
23/02/2024 07:10	3.4	69	19	5.2	0.0
23/02/2024 07:20	3.4	65	20	5.5	0.0
23/02/2024 07:30	3.7	68	19	6.3	0.0
23/02/2024 07:40	3.8	68	20	6.0	0.0
23/02/2024 07:50	3.4	68	22	5.2	0.0
23/02/2024 08:00	3.5	78	22	6.0	0.0
23/02/2024 08:10	3.6	70	20	5.2	0.0
23/02/2024 08:20	3.2	64	20	5.2	0.0
23/02/2024 08:30	3.4	66	20	5.4	0.0
23/02/2024 08:40	3.4	69	22	5.4	0.0
23/02/2024 08:50	3.5	69	21	4.9	0.0
23/02/2024 09:00	3.2	70	20	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 09:10	3.2	68	20	5.3	0.0
23/02/2024 09:20	3.0	67	20	4.6	0.0
23/02/2024 09:30	3.6	69	20	5.2	0.0
23/02/2024 09:40	3.7	70	19	5.6	0.0
23/02/2024 09:50	3.4	66	19	5.9	0.0
23/02/2024 10:00	3.5	72	21	5.2	0.0
23/02/2024 10:10	3.4	67	19	5.7	0.0
23/02/2024 10:20	3.5	71	19	5.0	0.0
23/02/2024 10:30	3.5	66	21	6.1	0.0
23/02/2024 10:40	3.3	77	20	5.2	0.0
23/02/2024 10:50	3.2	68	25	5.6	0.0
23/02/2024 11:00	3.3	69	17	5.8	0.0
23/02/2024 11:10	3.9	67	23	6.4	0.0
23/02/2024 11:20	3.9	70	20	6.4	0.0
23/02/2024 11:30	3.6	63	17	5.8	0.0
23/02/2024 11:40	3.7	68	21	6.0	0.0
23/02/2024 11:50	3.8	63	20	5.6	0.0
23/02/2024 12:00	3.9	63	20	5.8	0.0
23/02/2024 12:10	4.0	66	17	6.2	0.0
23/02/2024 12:20	4.1	70	17	6.4	0.0
23/02/2024 12:30	4.2	72	19	6.8	0.0
23/02/2024 12:40	4.1	54	19	5.9	0.0
23/02/2024 12:50	4.1	65	19	6.8	0.0
23/02/2024 13:00	4.0	67	18	6.4	0.0
23/02/2024 13:10	4.2	67	19	6.3	0.0
23/02/2024 13:20	3.9	64	20	6.0	0.0
23/02/2024 13:30	4.0	66	22	6.2	0.0
23/02/2024 13:40	3.9	59	22	6.0	0.0
23/02/2024 13:50	4.0	60	19	6.4	0.0
23/02/2024 14:00	3.7	65	22	5.8	0.0
23/02/2024 14:10	4.2	59	18	6.6	0.0
23/02/2024 14:20	4.1	68	19	6.4	0.0
23/02/2024 14:30	4.4	71	19	6.7	0.0
23/02/2024 14:40	4.1	65	21	6.4	0.0
23/02/2024 14:50	4.0	69	21	6.3	0.0
23/02/2024 15:00	3.9	70	20	5.8	0.0
23/02/2024 15:10	4.1	75	19	6.2	0.0
23/02/2024 15:20	4.2	74	21	6.3	0.0
23/02/2024 15:30	3.8	71	21	6.4	0.0
23/02/2024 15:40	3.6	71	19	5.6	0.0
23/02/2024 15:50	3.2	63	19	5.3	0.0
23/02/2024 16:00	3.6	66	21	5.6	0.0
23/02/2024 16:10	3.8	70	20	5.2	0.0
23/02/2024 16:20	3.8	72	18	6.0	0.0
23/02/2024 16:30	3.8	65	20	6.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 16:40	3.7	71	21	5.6	0.0
23/02/2024 16:50	3.7	67	21	5.6	0.0
23/02/2024 17:00	3.3	67	20	4.8	0.0
23/02/2024 17:10	3.4	62	22	5.7	0.0
23/02/2024 17:20	3.2	64	21	5.2	0.0
23/02/2024 17:30	3.6	60	20	5.9	0.0
23/02/2024 17:40	3.3	66	17	5.3	0.0
23/02/2024 17:50	3.2	61	21	5.3	0.0
23/02/2024 18:00	3.6	67	18	5.4	0.0
23/02/2024 18:10	3.2	70	17	5.0	0.0
23/02/2024 18:20	3.2	67	20	6.0	0.0
23/02/2024 18:30	3.2	71	21	4.6	0.0
23/02/2024 18:40	3.6	70	18	5.9	0.0
23/02/2024 18:50	3.4	63	20	5.6	0.0
23/02/2024 19:00	3.3	68	19	5.0	0.0
23/02/2024 19:10	3.4	66	19	5.9	0.0
23/02/2024 19:20	3.7	67	18	5.7	0.0
23/02/2024 19:30	3.2	62	22	5.2	0.0
23/02/2024 19:40	3.1	54	20	5.8	0.0
23/02/2024 19:50	3.5	59	21	5.5	0.0
23/02/2024 20:00	3.0	55	18	4.8	0.0
23/02/2024 20:10	3.6	53	18	6.4	0.0
23/02/2024 20:20	3.7	55	20	5.9	0.0
23/02/2024 20:30	3.4	59	19	5.5	0.0
23/02/2024 20:40	3.0	54	18	4.9	0.0
23/02/2024 20:50	3.4	54	22	5.2	0.0
23/02/2024 21:00	3.2	55	18	5.5	0.0
23/02/2024 21:10	3.1	58	20	4.9	0.0
23/02/2024 21:20	3.4	51	20	5.9	0.0
23/02/2024 21:30	3.2	49	19	5.2	0.0
23/02/2024 21:40	3.3	47	18	5.3	0.0
23/02/2024 21:50	3.3	55	17	4.9	0.0
23/02/2024 22:00	3.1	53	20	5.2	0.0
23/02/2024 22:10	3.4	49	16	5.6	0.0
23/02/2024 22:20	3.0	46	16	5.2	0.0
23/02/2024 22:30	3.3	49	14	4.9	0.0
23/02/2024 22:40	3.0	54	19	5.0	0.0
23/02/2024 22:50	3.2	49	18	5.3	0.0
23/02/2024 23:00	2.9	50	18	4.9	0.0
23/02/2024 23:10	3.0	49	21	4.9	0.0
23/02/2024 23:20	3.4	49	17	5.4	0.0
23/02/2024 23:30	2.5	54	19	4.8	0.0
23/02/2024 23:40	2.8	56	18	4.8	0.0
23/02/2024 23:50	2.8	53	20	4.4	0.0
24/02/2024 00:00	3.2	50	18	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 00:10	2.7	54	19	4.4	0.0
24/02/2024 00:20	3.2	54	17	4.8	0.0
24/02/2024 00:30	3.1	49	18	5.5	0.0
24/02/2024 00:40	3.1	49	18	5.3	0.0
24/02/2024 00:50	2.5	54	19	4.0	0.0
24/02/2024 01:00	3.0	52	18	4.3	0.0
24/02/2024 01:10	3.2	48	19	5.2	0.0
24/02/2024 01:20	2.7	54	21	4.6	0.0
24/02/2024 01:30	2.9	51	21	5.4	0.0
24/02/2024 01:40	3.5	54	17	5.6	0.0
24/02/2024 01:50	3.4	51	17	5.4	0.0
24/02/2024 02:00	3.2	45	16	5.6	0.0
24/02/2024 02:10	3.1	42	18	4.6	0.0
24/02/2024 02:20	3.2	45	17	5.1	0.0
24/02/2024 02:30	3.1	40	16	4.8	0.0
24/02/2024 02:40	3.4	50	16	5.2	0.0
24/02/2024 02:50	3.4	49	18	5.6	0.0
24/02/2024 03:00	3.2	51	20	5.3	0.0
24/02/2024 03:10	3.2	49	20	5.6	0.0
24/02/2024 03:20	2.8	46	18	4.4	0.0
24/02/2024 03:30	3.2	49	18	4.8	0.0
24/02/2024 03:40	3.3	45	20	5.3	0.0
24/02/2024 03:50	3.0	42	21	4.9	0.0
24/02/2024 04:00	3.1	42	18	5.6	0.0
24/02/2024 04:10	3.2	43	19	4.9	0.0
24/02/2024 04:20	2.9	36	19	4.5	0.0
24/02/2024 04:30	2.9	39	19	4.2	0.0
24/02/2024 04:40	3.0	49	17	4.9	0.0
24/02/2024 04:50	3.0	49	21	4.8	0.0
24/02/2024 05:00	3.0	49	20	4.7	0.0
24/02/2024 05:10	3.3	50	19	5.7	0.0
24/02/2024 05:20	3.1	45	19	5.7	0.0
24/02/2024 05:30	2.9	40	18	5.0	0.0
24/02/2024 05:40	3.3	38	18	4.8	0.0
24/02/2024 05:50	3.2	38	19	5.2	0.0
24/02/2024 06:00	2.4	35	22	3.8	0.0
24/02/2024 06:10	2.2	34	19	3.5	0.0
24/02/2024 06:20	2.5	33	23	4.8	0.0
24/02/2024 06:30	2.2	29	24	4.0	0.0
24/02/2024 06:40	2.3	35	19	4.2	0.0
24/02/2024 06:50	2.7	34	22	4.4	0.0
24/02/2024 07:00	2.2	32	21	4.1	0.0
24/02/2024 07:10	2.7	35	24	4.3	0.0
24/02/2024 07:20	2.8	30	21	4.8	0.0
24/02/2024 07:30	2.9	28	24	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 07:40	2.6	34	29	4.7	0.0
24/02/2024 07:50	2.8	29	23	4.8	0.0
24/02/2024 08:00	2.9	29	22	5.1	0.0
24/02/2024 08:10	2.9	38	23	4.5	0.0
24/02/2024 08:20	2.8	39	22	4.7	0.0
24/02/2024 08:30	2.7	20	28	5.0	0.0
24/02/2024 08:40	2.6	36	27	4.4	0.0
24/02/2024 08:50	2.8	29	29	4.7	0.0
24/02/2024 09:00	3.0	38	23	5.0	0.0
24/02/2024 09:10	3.6	20	23	5.6	0.0
24/02/2024 09:20	3.1	23	27	4.4	0.0
24/02/2024 09:30	3.2	24	26	6.0	0.0
24/02/2024 09:40	3.4	18	27	5.3	0.0
24/02/2024 09:50	3.6	24	29	6.1	0.0
24/02/2024 10:00	3.6	17	25	6.2	0.0
24/02/2024 10:10	3.5	15	27	5.6	0.0
24/02/2024 10:20	3.3	22	28	5.5	0.0
24/02/2024 10:30	3.3	9	26	5.1	0.0
24/02/2024 10:40	3.5	15	25	6.0	0.0
24/02/2024 10:50	3.3	27	29	5.1	0.0
24/02/2024 11:00	3.3	22	31	5.7	0.0
24/02/2024 11:10	3.5	18	24	5.4	0.0
24/02/2024 11:20	3.2	16	31	5.9	0.0
24/02/2024 11:30	3.2	187	34	5.6	0.0
24/02/2024 11:40	2.8	16	31	4.7	0.0
24/02/2024 11:50	2.7	176	39	5.5	0.0
24/02/2024 12:00	2.8	352	36	4.8	0.0
24/02/2024 12:10	3.3	346	29	5.2	0.0
24/02/2024 12:20	3.2	343	35	5.5	0.0
24/02/2024 12:30	3.2	330	27	5.3	0.0
24/02/2024 12:40	3.1	340	41	5.2	0.0
24/02/2024 12:50	3.0	339	32	5.1	0.0
24/02/2024 13:00	3.1	348	37	5.0	0.0
24/02/2024 13:10	3.6	350	31	6.6	0.0
24/02/2024 13:20	3.0	347	37	5.4	0.0
24/02/2024 13:30	3.3	179	30	5.2	0.0
24/02/2024 13:40	2.9	352	35	5.6	0.0
24/02/2024 13:50	2.9	176	34	4.8	0.0
24/02/2024 14:00	2.4	339	37	4.4	0.0
24/02/2024 14:10	3.0	321	42	4.6	0.0
24/02/2024 14:20	2.9	336	33	5.3	0.0
24/02/2024 14:30	2.6	342	38	4.4	0.0
24/02/2024 14:40	2.5	329	46	4.4	0.0
24/02/2024 14:50	3.2	330	29	4.6	0.0
24/02/2024 15:00	2.7	345	41	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 15:10	2.7	345	34	4.4	0.0
24/02/2024 15:20	3.0	175	37	5.3	0.0
24/02/2024 15:30	2.8	346	30	5.4	0.0
24/02/2024 15:40	2.5	343	50	6.0	0.0
24/02/2024 15:50	2.7	334	33	4.6	0.0
24/02/2024 16:00	2.5	307	46	4.7	0.0
24/02/2024 16:10	3.3	290	42	5.1	0.0
24/02/2024 16:20	2.8	305	40	5.6	0.0
24/02/2024 16:30	2.8	282	46	5.0	0.0
24/02/2024 16:40	2.9	304	45	4.9	0.0
24/02/2024 16:50	2.8	319	33	4.8	0.0
24/02/2024 17:00	2.8	304	42	5.0	0.0
24/02/2024 17:10	2.6	311	40	4.4	0.0
24/02/2024 17:20	2.4	308	46	4.1	0.0
24/02/2024 17:30	2.5	287	36	4.5	0.0
24/02/2024 17:40	2.8	296	39	5.0	0.0
24/02/2024 17:50	2.8	266	41	4.2	0.0
24/02/2024 18:00	2.5	280	42	4.2	0.0
24/02/2024 18:10	2.6	267	34	4.5	0.0
24/02/2024 18:20	2.6	269	37	4.5	0.0
24/02/2024 18:30	2.3	274	37	3.9	0.0
24/02/2024 18:40	2.3	297	40	4.5	0.0
24/02/2024 18:50	2.2	298	36	3.6	0.0
24/02/2024 19:00	2.2	252	28	3.9	0.0
24/02/2024 19:10	2.2	266	45	4.1	0.0
24/02/2024 19:20	2.0	278	38	3.4	0.0
24/02/2024 19:30	1.9	280	35	3.3	0.0
24/02/2024 19:40	2.1	298	43	4.0	0.0
24/02/2024 19:50	1.8	290	39	3.6	0.0
24/02/2024 20:00	1.7	295	50	2.9	0.0
24/02/2024 20:10	2.0	300	39	3.1	0.0
24/02/2024 20:20	1.6	291	44	2.9	0.0
24/02/2024 20:30	1.7	313	40	3.2	0.0
24/02/2024 20:40	1.6	299	41	2.4	0.0
24/02/2024 20:50	1.7	307	32	2.8	0.0
24/02/2024 21:00	1.4	292	43	2.4	0.0
24/02/2024 21:10	1.6	292	32	2.8	0.0
24/02/2024 21:20	1.6	304	49	2.9	0.0
24/02/2024 21:30	1.8	320	31	2.9	0.0
24/02/2024 21:40	1.6	304	36	2.5	0.0
24/02/2024 21:50	1.3	295	48	2.2	0.0
24/02/2024 22:00	1.6	278	43	2.8	0.0
24/02/2024 22:10	1.8	287	32	3.2	0.0
24/02/2024 22:20	1.5	294	42	3.2	0.0
24/02/2024 22:30	1.7	286	46	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 22:40	1.6	265	43	2.7	0.0
24/02/2024 22:50	1.5	261	39	2.6	0.0
24/02/2024 23:00	1.4	262	36	2.4	0.0
24/02/2024 23:10	1.2	282	46	2.7	0.0
24/02/2024 23:20	1.9	269	31	3.4	0.0
24/02/2024 23:30	1.5	276	47	2.8	0.0
24/02/2024 23:40	1.4	298	46	2.8	0.0
24/02/2024 23:50	1.4	264	35	3.1	0.0
25/02/2024 00:00	1.4	287	43	2.8	0.0
25/02/2024 00:10	1.6	261	26	2.8	0.0
25/02/2024 00:20	1.9	259	27	3.4	0.0
25/02/2024 00:30	2.4	250	20	3.8	0.0
25/02/2024 00:40	2.2	250	25	3.4	0.0
25/02/2024 00:50	2.3	256	19	3.4	0.0
25/02/2024 01:00	3.2	247	18	4.8	0.0
25/02/2024 01:10	3.3	250	15	6.0	0.0
25/02/2024 01:20	2.8	249	20	4.6	0.0
25/02/2024 01:30	2.7	255	19	4.4	0.0
25/02/2024 01:40	2.8	253	17	4.7	0.0
25/02/2024 01:50	2.8	249	16	4.6	0.0
25/02/2024 02:00	2.7	260	18	4.0	0.0
25/02/2024 02:10	3.2	255	17	4.6	0.0
25/02/2024 02:20	3.0	249	17	4.4	0.0
25/02/2024 02:30	2.9	248	17	4.6	0.0
25/02/2024 02:40	2.9	250	16	4.6	0.0
25/02/2024 02:50	2.6	256	18	4.3	0.0
25/02/2024 03:00	2.4	258	21	3.6	0.0
25/02/2024 03:10	2.5	247	18	4.1	0.0
25/02/2024 03:20	2.4	248	19	4.2	0.0
25/02/2024 03:30	2.3	251	16	3.6	0.0
25/02/2024 03:40	2.1	255	20	3.4	0.0
25/02/2024 03:50	2.1	252	17	3.3	0.0
25/02/2024 04:00	2.0	253	20	3.0	0.0
25/02/2024 04:10	1.6	260	18	2.8	0.0
25/02/2024 04:20	1.8	253	22	2.9	0.0
25/02/2024 04:30	1.8	254	20	2.8	0.0
25/02/2024 04:40	1.8	256	19	2.7	0.0
25/02/2024 04:50	1.7	252	19	2.8	0.0
25/02/2024 05:00	1.7	250	17	2.5	0.0
25/02/2024 05:10	1.3	255	14	2.0	0.0
25/02/2024 05:20	1.3	265	25	2.0	0.0
25/02/2024 05:30	1.4	299	41	2.3	0.0
25/02/2024 05:40	0.9	288	24	1.5	0.0
25/02/2024 05:50	0.8	303	33	1.5	0.0
25/02/2024 06:00	0.9	322	23	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 06:10	0.6	273	26	1.1	0.0
25/02/2024 06:20	0.6	255	11	1.4	0.0
25/02/2024 06:30	1.2	236	14	1.6	0.0
25/02/2024 06:40	1.4	231	15	2.0	0.0
25/02/2024 06:50	1.2	241	23	1.8	0.0
25/02/2024 07:00	1.0	243	21	1.5	0.0
25/02/2024 07:10	0.6	233	18	1.4	0.0
25/02/2024 07:20	1.2	282	42	2.0	0.0
25/02/2024 07:30	1.6	257	26	2.8	0.0
25/02/2024 07:40	2.0	247	19	2.9	0.0
25/02/2024 07:50	2.2	238	19	3.4	0.0
25/02/2024 08:00	2.5	240	18	3.6	0.0
25/02/2024 08:10	2.7	239	21	4.0	0.0
25/02/2024 08:20	3.1	254	21	4.1	0.0
25/02/2024 08:30	3.0	242	19	4.4	0.0
25/02/2024 08:40	3.1	254	22	4.7	0.0
25/02/2024 08:50	3.3	242	18	4.8	0.0
25/02/2024 09:00	3.3	245	18	4.8	0.0
25/02/2024 09:10	3.0	246	21	4.4	0.0
25/02/2024 09:20	3.5	241	17	5.2	0.0
25/02/2024 09:30	3.0	251	23	4.4	0.0
25/02/2024 09:40	2.3	276	48	4.1	0.0
25/02/2024 09:50	3.2	244	19	4.7	0.0
25/02/2024 10:00	3.5	249	17	4.8	0.0
25/02/2024 10:10	3.5	252	19	5.4	0.0
25/02/2024 10:20	3.8	249	17	5.7	0.0
25/02/2024 10:30	4.2	242	19	6.2	0.0
25/02/2024 10:40	4.2	247	19	6.0	0.0
25/02/2024 10:50	4.3	242	20	6.3	0.0
25/02/2024 11:00	4.5	236	22	6.4	0.0
25/02/2024 11:10	4.4	251	19	6.4	0.0
25/02/2024 11:20	4.6	247	18	6.5	0.0
25/02/2024 11:30	4.9	238	20	6.8	0.0
25/02/2024 11:40	4.9	249	18	7.2	0.0
25/02/2024 11:50	4.8	243	19	7.1	0.0
25/02/2024 12:00	4.9	237	16	6.7	0.0
25/02/2024 12:10	5.2	239	20	7.4	0.0
25/02/2024 12:20	5.0	237	16	7.5	0.0
25/02/2024 12:30	5.6	237	17	7.6	0.0
25/02/2024 12:40	5.3	238	16	7.5	0.0
25/02/2024 12:50	5.6	240	18	7.5	0.0
25/02/2024 13:00	5.7	250	18	7.8	0.0
25/02/2024 13:10	5.8	247	16	7.8	0.0
25/02/2024 13:20	5.6	248	17	8.3	0.0
25/02/2024 13:30	5.7	249	18	7.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 13:40	5.3	247	19	8.1	0.0
25/02/2024 13:50	5.6	243	16	8.3	0.0
25/02/2024 14:00	5.4	246	16	7.9	0.0
25/02/2024 14:10	5.4	248	18	7.7	0.0
25/02/2024 14:20	5.5	243	16	8.3	0.0
25/02/2024 14:30	5.4	248	18	7.9	0.0
25/02/2024 14:40	5.2	249	22	7.5	0.0
25/02/2024 14:50	5.0	241	20	7.5	0.0
25/02/2024 15:00	5.1	244	14	7.5	0.0
25/02/2024 15:10	5.2	235	16	7.2	0.0
25/02/2024 15:20	4.7	239	18	6.8	0.0
25/02/2024 15:30	4.6	238	19	6.3	0.0
25/02/2024 15:40	5.0	247	16	6.9	0.0
25/02/2024 15:50	5.0	245	15	8.1	0.0
25/02/2024 16:00	4.8	249	17	6.8	0.0
25/02/2024 16:10	5.2	244	14	7.0	0.0
25/02/2024 16:20	5.1	240	19	7.1	0.0
25/02/2024 16:30	5.4	245	16	7.2	0.0
25/02/2024 16:40	5.5	240	16	7.4	0.0
25/02/2024 16:50	5.4	239	16	7.6	0.0
25/02/2024 17:00	5.4	244	15	7.5	0.0
25/02/2024 17:10	5.1	248	20	7.6	0.0
25/02/2024 17:20	4.9	246	19	7.4	0.0
25/02/2024 17:30	5.2	245	18	7.5	0.0
25/02/2024 17:40	5.1	247	19	7.3	0.0
25/02/2024 17:50	4.9	248	17	6.7	0.0
25/02/2024 18:00	4.3	248	21	6.6	0.0
25/02/2024 18:10	4.5	253	17	7.1	0.0
25/02/2024 18:20	4.8	246	17	7.2	0.0
25/02/2024 18:30	4.5	258	18	6.8	0.0
25/02/2024 18:40	4.2	252	18	6.3	0.0
25/02/2024 18:50	4.1	250	17	6.2	0.0
25/02/2024 19:00	4.3	247	17	6.0	0.0
25/02/2024 19:10	3.9	252	19	5.7	0.0
25/02/2024 19:20	4.2	248	16	6.8	0.0
25/02/2024 19:30	4.2	249	18	6.4	0.0
25/02/2024 19:40	4.2	252	18	6.4	0.0
25/02/2024 19:50	4.1	249	16	6.7	0.0
25/02/2024 20:00	4.2	248	17	6.0	0.0
25/02/2024 20:10	3.8	255	17	5.7	0.0
25/02/2024 20:20	4.3	247	17	6.0	0.0
25/02/2024 20:30	4.1	247	14	6.4	0.0
25/02/2024 20:40	3.9	249	16	5.6	0.0
25/02/2024 20:50	4.3	248	17	6.4	0.0
25/02/2024 21:00	3.7	253	19	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 21:10	4.3	251	13	5.9	0.0
25/02/2024 21:20	4.2	250	15	5.7	0.0
25/02/2024 21:30	3.9	247	14	5.7	0.0
25/02/2024 21:40	3.3	256	17	4.9	0.0
25/02/2024 21:50	3.1	251	17	4.8	0.0
25/02/2024 22:00	3.4	261	20	5.1	0.0
25/02/2024 22:10	3.6	254	14	5.9	0.0
25/02/2024 22:20	3.6	254	17	5.2	0.0
25/02/2024 22:30	3.7	251	19	5.2	0.0
25/02/2024 22:40	3.5	256	18	5.3	0.0
25/02/2024 22:50	3.4	257	19	5.2	0.0
25/02/2024 23:00	3.5	251	16	5.1	0.0
25/02/2024 23:10	3.3	256	19	5.6	0.0
25/02/2024 23:20	3.7	248	20	5.7	0.0
25/02/2024 23:30	3.2	258	18	4.8	0.0
25/02/2024 23:40	3.1	261	22	4.4	0.0
25/02/2024 23:50	4.1	251	18	6.0	0.0
26/02/2024 00:00	3.8	255	18	5.9	0.0
26/02/2024 00:10	4.0	254	16	6.4	0.0
26/02/2024 00:20	3.4	254	19	5.1	0.0
26/02/2024 00:30	3.4	254	17	5.2	0.0
26/02/2024 00:40	4.1	253	18	6.0	0.0
26/02/2024 00:50	3.5	251	19	5.3	0.0
26/02/2024 01:00	3.7	253	17	5.6	0.0
26/02/2024 01:10	4.0	248	15	5.6	0.0
26/02/2024 01:20	3.8	252	17	5.9	0.0
26/02/2024 01:30	3.7	251	15	5.1	0.0
26/02/2024 01:40	3.7	247	16	5.9	0.0
26/02/2024 01:50	3.8	248	15	5.3	0.0
26/02/2024 02:00	3.8	249	16	5.7	0.0
26/02/2024 02:10	3.7	249	16	6.0	0.0
26/02/2024 02:20	3.6	246	17	5.1	0.0
26/02/2024 02:30	3.9	250	14	5.8	0.0
26/02/2024 02:40	4.2	252	18	6.1	0.0
26/02/2024 02:50	4.0	241	16	5.6	0.0
26/02/2024 03:00	4.0	245	18	5.7	0.0
26/02/2024 03:10	4.0	242	19	6.2	0.0
26/02/2024 03:20	3.8	242	17	5.8	0.0
26/02/2024 03:30	3.9	245	19	5.6	0.0
26/02/2024 03:40	4.0	248	17	6.0	0.0
26/02/2024 03:50	3.8	249	18	6.0	0.0
26/02/2024 04:00	3.8	246	19	5.8	0.0
26/02/2024 04:10	4.3	239	15	6.0	0.0
26/02/2024 04:20	3.3	237	20	5.4	0.0
26/02/2024 04:30	3.1	237	17	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 04:40	3.1	236	18	4.7	0.0
26/02/2024 04:50	3.1	233	15	4.6	0.0
26/02/2024 05:00	3.8	235	17	5.2	0.0
26/02/2024 05:10	3.1	237	18	4.6	0.0
26/02/2024 05:20	3.4	239	15	5.1	0.0
26/02/2024 05:30	3.3	237	17	4.9	0.0
26/02/2024 05:40	3.0	230	19	4.5	0.0
26/02/2024 05:50	3.3	235	19	4.7	0.0
26/02/2024 06:00	3.4	235	16	4.6	0.0
26/02/2024 06:10	3.3	236	16	5.6	0.0
26/02/2024 06:20	3.5	233	14	5.1	0.0
26/02/2024 06:30	3.7	234	13	4.8	0.0
26/02/2024 06:40	3.9	233	16	5.5	0.0
26/02/2024 06:50	4.1	236	16	6.2	0.0
26/02/2024 07:00	4.3	239	17	6.0	0.0
26/02/2024 07:10	4.3	239	18	6.7	0.0
26/02/2024 07:20	4.3	238	17	6.5	0.0
26/02/2024 07:30	3.9	240	18	5.8	0.0
26/02/2024 07:40	3.8	241	20	5.6	0.0
26/02/2024 07:50	4.1	236	16	6.0	0.0
26/02/2024 08:00	5.0	237	16	7.2	0.0
26/02/2024 08:10	4.4	241	19	6.5	0.0
26/02/2024 08:20	4.2	247	21	6.8	0.0
26/02/2024 08:30	4.5	235	19	6.4	0.0
26/02/2024 08:40	4.9	240	18	7.8	0.0
26/02/2024 08:50	5.1	235	16	7.2	0.0
26/02/2024 09:00	5.1	237	19	7.5	0.0
26/02/2024 09:10	5.7	249	18	7.9	0.0
26/02/2024 09:20	5.4	240	16	7.7	0.0
26/02/2024 09:30	5.3	247	18	7.1	0.0
26/02/2024 09:40	5.2	247	18	8.1	0.0
26/02/2024 09:50	5.6	249	19	8.2	0.0
26/02/2024 10:00	5.4	252	19	7.5	0.0
26/02/2024 10:10	5.4	243	17	7.0	0.0
26/02/2024 10:20	5.9	248	16	8.1	0.0
26/02/2024 10:30	5.6	246	18	8.2	0.0
26/02/2024 10:40	5.9	251	16	8.2	0.0
26/02/2024 10:50	5.8	250	17	7.8	0.0
26/02/2024 11:00	5.4	253	18	7.9	0.0
26/02/2024 11:10	5.1	250	20	7.2	0.0
26/02/2024 11:20	5.0	253	17	7.2	0.0
26/02/2024 11:30	5.1	254	18	7.5	0.0
26/02/2024 11:40	4.7	255	20	7.5	0.0
26/02/2024 11:50	5.0	255	17	7.0	0.0
26/02/2024 12:00	5.0	254	19	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 12:10	4.9	254	19	8.1	0.0
26/02/2024 12:20	5.5	250	18	8.1	0.0
26/02/2024 12:30	5.1	261	17	7.9	0.0
26/02/2024 12:40	5.4	252	19	8.5	0.0
26/02/2024 12:50	5.5	251	21	8.6	0.0
26/02/2024 13:00	5.8	251	17	8.7	0.0
26/02/2024 13:10	5.6	252	18	8.5	0.0
26/02/2024 13:20	5.6	250	16	8.2	0.0
26/02/2024 13:30	5.9	244	15	8.9	0.0
26/02/2024 13:40	5.4	254	20	7.6	0.0
26/02/2024 13:50	5.3	247	17	7.4	0.0
26/02/2024 14:00	5.5	247	15	8.3	0.0
26/02/2024 14:10	5.0	256	23	7.7	0.0
26/02/2024 14:20	4.8	255	19	7.0	0.0
26/02/2024 14:30	5.0	256	20	7.7	0.0
26/02/2024 14:40	5.0	252	19	7.3	0.0
26/02/2024 14:50	4.8	252	19	7.4	0.0
26/02/2024 15:00	5.6	245	15	7.9	0.0
26/02/2024 15:10	5.6	238	15	7.9	0.0
26/02/2024 15:20	5.6	239	15	7.7	0.0
26/02/2024 15:30	4.7	256	18	7.2	0.0
26/02/2024 15:40	4.1	259	18	6.5	0.0
26/02/2024 15:50	4.4	256	20	7.4	0.0
26/02/2024 16:00	5.4	246	14	7.3	0.0
26/02/2024 16:10	5.9	244	16	8.3	0.0
26/02/2024 16:20	5.9	246	14	8.6	0.0
26/02/2024 16:30	6.1	250	17	9.3	0.0
26/02/2024 16:40	6.3	249	18	9.1	0.0
26/02/2024 16:50	5.8	249	14	8.4	0.0
26/02/2024 17:00	6.2	251	16	9.1	0.0
26/02/2024 17:10	5.5	255	17	8.7	0.0
26/02/2024 17:20	5.4	250	16	8.4	0.0
26/02/2024 17:30	5.3	252	16	7.4	0.0
26/02/2024 17:40	5.4	253	17	7.6	0.0
26/02/2024 17:50	5.0	253	17	7.5	0.0
26/02/2024 18:00	4.8	252	18	7.1	0.0
26/02/2024 18:10	3.8	261	22	5.9	0.0
26/02/2024 18:20	5.5	258	19	8.4	0.0
26/02/2024 18:30	5.1	259	19	7.9	0.0
26/02/2024 18:40	5.3	257	16	7.5	0.0
26/02/2024 18:50	5.3	250	17	8.2	0.0
26/02/2024 19:00	5.0	253	19	7.9	0.0
26/02/2024 19:10	5.4	258	17	8.4	0.0
26/02/2024 19:20	5.6	255	14	8.3	0.0
26/02/2024 19:30	5.1	257	16	7.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 19:40	5.0	258	16	7.5	0.0
26/02/2024 19:50	5.4	253	16	7.9	0.0
26/02/2024 20:00	4.9	254	16	7.6	0.0
26/02/2024 20:10	5.2	254	17	8.0	0.0
26/02/2024 20:20	5.6	251	19	8.1	0.0
26/02/2024 20:30	5.2	256	22	7.9	0.0
26/02/2024 20:40	5.3	255	17	7.9	0.0
26/02/2024 20:50	5.3	257	16	8.0	0.0
26/02/2024 21:00	5.3	257	16	7.9	0.0
26/02/2024 21:10	5.4	252	16	7.3	0.0
26/02/2024 21:20	5.5	250	16	8.0	0.0
26/02/2024 21:30	6.3	249	13	8.7	0.0
26/02/2024 21:40	5.6	254	17	8.1	0.0
26/02/2024 21:50	5.3	254	18	7.9	0.0
26/02/2024 22:00	4.9	254	17	7.5	0.0
26/02/2024 22:10	4.9	255	16	7.8	0.0
26/02/2024 22:20	5.2	254	15	8.2	0.0
26/02/2024 22:30	5.1	258	17	7.1	0.0
26/02/2024 22:40	5.0	260	17	7.4	0.0
26/02/2024 22:50	5.4	252	16	8.4	0.0
26/02/2024 23:00	5.5	251	15	7.9	0.0
26/02/2024 23:10	5.6	250	17	8.5	0.0
26/02/2024 23:20	5.7	249	15	7.8	0.0
26/02/2024 23:30	4.9	251	13	7.2	0.0
26/02/2024 23:40	5.4	252	15	7.5	0.0
26/02/2024 23:50	5.1	250	13	6.8	0.0
27/02/2024 00:00	5.0	249	17	7.4	0.0
27/02/2024 00:10	6.1	254	14	8.5	0.0
27/02/2024 00:20	5.5	251	16	7.8	0.0
27/02/2024 00:30	5.7	256	13	8.3	0.0
27/02/2024 00:40	5.1	256	17	6.9	0.0
27/02/2024 00:50	5.4	254	15	7.8	0.0
27/02/2024 01:00	5.3	258	14	7.4	0.0
27/02/2024 01:10	5.7	251	15	8.0	0.0
27/02/2024 01:20	5.7	255	17	8.2	0.0
27/02/2024 01:30	5.0	257	14	7.5	0.0
27/02/2024 01:40	4.1	251	15	6.5	0.0
27/02/2024 01:50	4.6	247	18	6.9	0.0
27/02/2024 02:00	4.1	250	14	5.9	0.0
27/02/2024 02:10	3.8	244	18	6.2	0.0
27/02/2024 02:20	4.0	246	17	5.6	0.0
27/02/2024 02:30	4.0	253	18	5.9	0.0
27/02/2024 02:40	4.5	247	17	6.5	0.0
27/02/2024 02:50	4.2	242	19	6.4	0.0
27/02/2024 03:00	4.6	239	17	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 03:10	4.7	241	14	7.2	0.0
27/02/2024 03:20	4.3	243	18	6.4	0.0
27/02/2024 03:30	4.6	242	17	6.0	0.0
27/02/2024 03:40	4.3	244	16	6.5	0.0
27/02/2024 03:50	4.9	241	16	7.2	0.0
27/02/2024 04:00	4.6	243	17	6.7	0.0
27/02/2024 04:10	4.2	246	17	6.8	0.0
27/02/2024 04:20	4.5	246	17	7.2	0.0
27/02/2024 04:30	4.1	249	15	6.1	0.0
27/02/2024 04:40	3.9	251	18	6.0	0.0
27/02/2024 04:50	4.7	249	16	6.6	0.0
27/02/2024 05:00	4.5	252	16	6.2	0.0
27/02/2024 05:10	4.7	252	14	6.6	0.0
27/02/2024 05:20	4.4	254	16	6.0	0.0
27/02/2024 05:30	4.0	255	15	5.7	0.0
27/02/2024 05:40	3.6	253	16	5.2	0.0
27/02/2024 05:50	3.2	244	17	4.8	0.0
27/02/2024 06:00	3.1	242	19	4.5	0.0
27/02/2024 06:10	3.6	237	13	5.6	0.0
27/02/2024 06:20	3.5	238	18	5.6	0.0
27/02/2024 06:30	4.0	239	19	6.0	0.0
27/02/2024 06:40	2.9	247	20	4.4	0.0
27/02/2024 06:50	3.1	255	21	4.6	0.0
27/02/2024 07:00	2.9	249	19	4.4	0.0
27/02/2024 07:10	2.5	246	21	4.0	0.0
27/02/2024 07:20	2.7	243	20	4.0	0.0
27/02/2024 07:30	2.5	247	22	4.1	0.0
27/02/2024 07:40	3.2	254	18	4.5	0.0
27/02/2024 07:50	3.4	261	17	4.8	0.0
27/02/2024 08:00	3.5	257	15	4.9	0.0
27/02/2024 08:10	3.4	258	16	4.7	0.0
27/02/2024 08:20	3.1	263	15	4.3	0.0
27/02/2024 08:30	3.6	258	15	5.2	0.0
27/02/2024 08:40	3.6	258	18	4.8	0.0
27/02/2024 08:50	3.4	259	18	4.8	0.0
27/02/2024 09:00	3.4	255	17	5.0	0.0
27/02/2024 09:10	3.1	259	16	4.3	0.0
27/02/2024 09:20	3.1	259	22	4.4	0.0
27/02/2024 09:30	3.5	258	14	4.8	0.0
27/02/2024 09:40	3.2	263	18	4.8	0.0
27/02/2024 09:50	3.6	259	16	5.2	0.0
27/02/2024 10:00	3.3	259	16	4.7	0.0
27/02/2024 10:10	3.3	258	15	4.8	0.0
27/02/2024 10:20	3.7	256	17	5.3	0.0
27/02/2024 10:30	3.9	256	16	5.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 10:40	4.4	253	14	6.0	0.0
27/02/2024 10:50	4.7	249	15	6.4	0.0
27/02/2024 11:00	4.7	255	13	6.4	0.0
27/02/2024 11:10	4.6	250	14	6.0	0.0
27/02/2024 11:20	4.4	247	17	6.0	0.0
27/02/2024 11:30	4.4	248	15	5.9	0.0
27/02/2024 11:40	4.2	254	16	5.8	0.0
27/02/2024 11:50	4.4	253	17	6.3	0.0
27/02/2024 12:00	5.1	249	16	7.1	0.0
27/02/2024 12:10	5.2	247	13	7.3	0.0
27/02/2024 12:20	5.0	249	14	6.7	0.0
27/02/2024 12:30	4.8	250	19	6.7	0.0
27/02/2024 12:40	4.7	251	16	6.8	0.0
27/02/2024 12:50	4.9	250	16	7.5	0.0
27/02/2024 13:00	5.2	251	15	7.2	0.0
27/02/2024 13:10	4.8	252	17	6.4	0.0
27/02/2024 13:20	5.1	241	18	7.0	0.0
27/02/2024 13:30	4.8	249	18	7.2	0.0
27/02/2024 13:40	4.6	251	17	7.0	0.0
27/02/2024 13:50	4.8	243	17	6.8	0.0
27/02/2024 14:00	4.8	241	17	6.8	0.0
27/02/2024 14:10	4.8	238	16	6.8	0.0
27/02/2024 14:20	5.0	235	17	6.8	0.0
27/02/2024 14:30	4.9	240	15	6.7	0.0
27/02/2024 14:40	4.6	244	17	6.5	0.0
27/02/2024 14:50	4.7	247	19	7.2	0.0
27/02/2024 15:00	5.4	243	15	7.2	0.0
27/02/2024 15:10	5.5	247	15	7.6	0.0
27/02/2024 15:20	5.4	243	19	8.2	0.0
27/02/2024 15:30	5.5	241	17	8.3	0.0
27/02/2024 15:40	5.4	247	16	7.7	0.0
27/02/2024 15:50	5.7	245	15	8.7	0.0
27/02/2024 16:00	6.0	246	16	9.2	0.0
27/02/2024 16:10	5.5	245	18	7.5	0.0
27/02/2024 16:20	5.4	244	17	7.8	0.0
27/02/2024 16:30	5.4	250	14	7.7	0.0
27/02/2024 16:40	5.1	249	17	7.7	0.0
27/02/2024 16:50	5.1	248	15	7.5	0.0
27/02/2024 17:00	5.5	246	16	7.9	0.0
27/02/2024 17:10	5.9	244	14	7.9	0.0
27/02/2024 17:20	5.4	249	16	7.2	0.0
27/02/2024 17:30	5.0	255	18	7.5	0.0
27/02/2024 17:40	5.1	257	21	7.8	0.0
27/02/2024 17:50	4.6	254	19	7.5	0.0
27/02/2024 18:00	5.1	257	18	7.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 18:10	5.0	253	16	6.8	0.0
27/02/2024 18:20	5.7	252	17	8.3	0.0
27/02/2024 18:30	4.9	257	19	7.5	0.0
27/02/2024 18:40	5.1	258	18	7.4	0.0
27/02/2024 18:50	5.5	253	18	7.9	0.0
27/02/2024 19:00	5.4	253	15	7.6	0.0
27/02/2024 19:10	4.2	250	19	6.2	0.0
27/02/2024 19:20	3.8	255	17	5.5	0.0
27/02/2024 19:30	4.1	250	14	6.4	0.0
27/02/2024 19:40	3.9	253	17	5.4	0.0
27/02/2024 19:50	3.9	251	18	5.5	0.0
27/02/2024 20:00	4.3	250	15	6.2	0.0
27/02/2024 20:10	4.4	252	15	6.4	0.0
27/02/2024 20:20	3.9	253	17	6.4	0.0
27/02/2024 20:30	3.9	254	18	5.8	0.0
27/02/2024 20:40	4.1	251	15	6.0	0.0
27/02/2024 20:50	4.4	256	15	7.2	0.0
27/02/2024 21:00	4.2	259	16	6.5	0.0
27/02/2024 21:10	4.2	256	16	6.0	0.0
27/02/2024 21:20	3.9	257	16	5.6	0.0
27/02/2024 21:30	2.6	262	24	4.0	0.0
27/02/2024 21:40	2.5	261	20	4.0	0.0
27/02/2024 21:50	3.1	260	19	4.5	0.0
27/02/2024 22:00	3.0	261	19	4.1	0.0
27/02/2024 22:10	3.1	260	16	5.1	0.0
27/02/2024 22:20	3.9	258	14	5.6	0.0
27/02/2024 22:30	4.8	255	15	6.8	0.0
27/02/2024 22:40	4.1	257	15	6.4	0.0
27/02/2024 22:50	3.3	261	25	5.2	0.0
27/02/2024 23:00	3.7	256	17	5.3	0.0
27/02/2024 23:10	3.7	256	16	5.6	0.0
27/02/2024 23:20	4.0	255	16	6.0	0.0
27/02/2024 23:30	3.8	244	19	6.0	0.0
27/02/2024 23:40	3.5	233	18	4.9	0.0
27/02/2024 23:50	2.9	249	18	4.9	0.0
28/02/2024 00:00	2.3	252	18	3.2	0.0
28/02/2024 00:10	2.7	254	19	4.3	0.0
28/02/2024 00:20	3.0	256	13	4.3	0.0
28/02/2024 00:30	2.4	262	22	3.4	0.0
28/02/2024 00:40	2.6	256	15	4.2	0.0
28/02/2024 00:50	1.9	294	45	3.7	0.0
28/02/2024 01:00	2.2	333	32	3.7	0.0
28/02/2024 01:10	2.1	38	26	3.8	0.0
28/02/2024 01:20	1.9	320	44	3.3	0.0
28/02/2024 01:30	2.3	53	22	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 01:40	2.5	193	25	4.0	0.0
28/02/2024 01:50	2.2	344	33	3.6	0.0
28/02/2024 02:00	2.6	333	33	4.4	0.0
28/02/2024 02:10	3.2	311	31	5.5	0.0
28/02/2024 02:20	2.8	311	38	5.2	0.0
28/02/2024 02:30	2.7	283	40	4.8	0.0
28/02/2024 02:40	2.0	299	45	3.5	0.0
28/02/2024 02:50	2.4	293	40	4.8	0.0
28/02/2024 03:00	2.3	272	44	4.1	0.0
28/02/2024 03:10	3.0	265	26	5.0	0.0
28/02/2024 03:20	2.8	270	28	4.9	0.0
28/02/2024 03:30	2.4	258	24	4.1	0.0
28/02/2024 03:40	3.3	257	20	4.8	0.0
28/02/2024 03:50	4.2	258	19	6.9	0.0
28/02/2024 04:00	4.6	257	14	6.6	0.0
28/02/2024 04:10	3.8	261	17	5.8	0.0
28/02/2024 04:20	4.2	253	15	6.3	0.0
28/02/2024 04:30	4.1	257	15	5.7	0.0
28/02/2024 04:40	4.6	255	17	7.5	0.0
28/02/2024 04:50	4.7	260	21	7.5	0.0
28/02/2024 05:00	5.9	255	15	8.5	0.0
28/02/2024 05:10	5.9	254	16	8.7	0.0
28/02/2024 05:20	5.3	250	18	7.3	0.0
28/02/2024 05:30	5.1	242	16	7.9	0.0
28/02/2024 05:40	4.8	239	17	6.8	0.0
28/02/2024 05:50	3.9	233	17	6.0	0.0
28/02/2024 06:00	3.5	235	18	5.2	0.0
28/02/2024 06:10	3.8	234	15	5.4	0.0
28/02/2024 06:20	3.5	238	18	5.1	0.0
28/02/2024 06:30	3.0	241	18	5.0	0.0
28/02/2024 06:40	3.0	254	16	4.5	0.0
28/02/2024 06:50	2.9	248	16	4.5	0.0
28/02/2024 07:00	2.8	238	20	4.1	0.0
28/02/2024 07:10	3.0	234	15	4.1	0.0
28/02/2024 07:20	2.2	205	25	4.1	0.0
28/02/2024 07:30	2.0	180	24	3.1	0.0
28/02/2024 07:40	2.2	175	22	3.2	0.0
28/02/2024 07:50	2.3	182	16	3.4	0.0
28/02/2024 08:00	1.8	165	24	2.9	0.0
28/02/2024 08:10	2.0	167	28	3.1	0.0
28/02/2024 08:20	1.8	169	29	2.6	0.0
28/02/2024 08:30	1.3	153	42	2.1	0.0
28/02/2024 08:40	1.3	153	44	2.2	0.0
28/02/2024 08:50	0.9	147	41	1.8	0.0
28/02/2024 09:00	1.1	114	55	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 09:10	2.2	62	22	3.7	0.0
28/02/2024 09:20	2.0	63	31	3.0	0.0
28/02/2024 09:30	2.0	64	27	3.4	0.0
28/02/2024 09:40	2.1	49	26	3.2	0.0
28/02/2024 09:50	2.2	75	26	3.6	0.0
28/02/2024 10:00	1.9	84	27	2.9	0.0
28/02/2024 10:10	2.2	77	25	4.0	0.0
28/02/2024 10:20	2.0	67	28	3.5	0.0
28/02/2024 10:30	1.8	71	29	2.9	0.0
28/02/2024 10:40	1.7	41	52	2.6	0.0
28/02/2024 10:50	1.8	41	33	2.9	0.0
28/02/2024 11:00	1.8	59	29	3.5	0.0
28/02/2024 11:10	2.1	68	28	3.6	0.0
28/02/2024 11:20	2.1	66	23	3.6	0.0
28/02/2024 11:30	1.6	34	61	3.2	0.0
28/02/2024 11:40	1.8	340	31	3.6	0.0
28/02/2024 11:50	2.0	185	33	3.2	0.0
28/02/2024 12:00	2.3	193	33	3.7	0.0
28/02/2024 12:10	2.7	7	26	4.2	0.0
28/02/2024 12:20	2.7	11	31	4.5	0.0
28/02/2024 12:30	2.8	184	31	4.8	0.0
28/02/2024 12:40	2.9	178	35	4.1	0.0
28/02/2024 12:50	2.8	345	37	4.3	0.0
28/02/2024 13:00	2.9	323	35	5.0	0.0
28/02/2024 13:10	3.6	326	24	5.2	0.0
28/02/2024 13:20	3.3	307	32	4.9	0.0
28/02/2024 13:30	2.5	282	51	4.8	0.0
28/02/2024 13:40	3.4	293	39	5.8	0.0
28/02/2024 13:50	3.3	316	28	5.6	0.0
28/02/2024 14:00	3.2	292	40	6.1	0.0
28/02/2024 14:10	3.5	310	40	5.6	0.0
28/02/2024 14:20	3.4	267	44	5.3	0.0
28/02/2024 14:30	3.1	287	43	6.0	0.0
28/02/2024 14:40	2.8	314	41	4.8	0.0
28/02/2024 14:50	2.8	302	44	5.0	0.0
28/02/2024 15:00	3.6	284	41	6.0	0.0
28/02/2024 15:10	3.1	267	34	6.0	0.0
28/02/2024 15:20	3.9	262	27	6.1	0.0
28/02/2024 15:30	5.0	252	16	6.9	0.0
28/02/2024 15:40	5.0	243	16	7.2	0.0
28/02/2024 15:50	5.0	245	17	7.2	0.0
28/02/2024 16:00	5.0	244	16	6.8	0.0
28/02/2024 16:10	5.0	244	18	7.1	0.0
28/02/2024 16:20	5.1	251	15	6.9	0.0
28/02/2024 16:30	5.0	250	16	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 16:40	4.7	250	18	6.8	0.0
28/02/2024 16:50	5.4	247	15	7.8	0.0
28/02/2024 17:00	5.6	250	13	7.6	0.0
28/02/2024 17:10	4.9	245	18	6.9	0.0
28/02/2024 17:20	4.8	246	15	7.2	0.0
28/02/2024 17:30	5.0	248	17	6.9	0.0
28/02/2024 17:40	4.9	250	16	6.6	0.0
28/02/2024 17:50	4.3	251	13	6.3	0.0
28/02/2024 18:00	4.5	253	18	6.3	0.0
28/02/2024 18:10	4.3	248	18	6.5	0.0
28/02/2024 18:20	4.4	256	18	6.4	0.0
28/02/2024 18:30	4.6	254	16	6.6	0.0
28/02/2024 18:40	4.4	254	16	7.2	0.0
28/02/2024 18:50	4.0	255	16	5.9	0.0
28/02/2024 19:00	4.2	254	14	6.0	0.0
28/02/2024 19:10	3.6	254	16	5.2	0.0
28/02/2024 19:20	3.8	256	17	5.1	0.0
28/02/2024 19:30	3.6	251	15	5.0	0.0
28/02/2024 19:40	3.5	251	18	5.2	0.0
28/02/2024 19:50	3.5	257	15	5.2	0.0
28/02/2024 20:00	3.5	251	16	5.2	0.0
28/02/2024 20:10	3.9	255	15	5.6	0.0
28/02/2024 20:20	4.4	254	14	6.4	0.0
28/02/2024 20:30	3.8	260	15	5.2	0.0
28/02/2024 20:40	3.5	252	15	5.3	0.0
28/02/2024 20:50	4.0	252	13	5.6	0.0
28/02/2024 21:00	3.8	251	14	5.2	0.0
28/02/2024 21:10	3.3	255	16	4.8	0.0
28/02/2024 21:20	2.9	255	17	4.0	0.0
28/02/2024 21:30	3.3	257	15	4.8	0.0
28/02/2024 21:40	3.3	253	16	5.3	0.0
28/02/2024 21:50	3.3	258	19	5.1	0.0
28/02/2024 22:00	3.3	257	18	4.9	0.0
28/02/2024 22:10	3.4	259	13	4.8	0.0
28/02/2024 22:20	3.3	257	16	5.2	0.0
28/02/2024 22:30	3.2	260	23	5.3	0.0
28/02/2024 22:40	2.9	260	18	4.4	0.0
28/02/2024 22:50	2.9	254	19	4.7	0.0
28/02/2024 23:00	2.4	268	24	3.5	0.0
28/02/2024 23:10	2.5	256	21	3.9	0.0
28/02/2024 23:20	2.3	265	37	4.1	0.0
28/02/2024 23:30	2.0	281	31	3.8	0.0
28/02/2024 23:40	2.2	258	28	3.6	0.0
28/02/2024 23:50	2.0	256	28	3.3	0.0
29/02/2024 00:00	1.9	258	26	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 00:10	1.9	278	32	3.2	0.0
29/02/2024 00:20	1.9	270	27	3.1	0.0
29/02/2024 00:30	2.3	261	26	3.9	0.0
29/02/2024 00:40	2.3	264	24	3.9	0.0
29/02/2024 00:50	2.3	262	22	3.4	0.0
29/02/2024 01:00	2.2	275	23	3.8	0.0
29/02/2024 01:10	2.1	273	30	4.2	0.0
29/02/2024 01:20	2.2	268	26	3.7	0.0
29/02/2024 01:30	3.1	257	18	4.9	0.0
29/02/2024 01:40	2.9	257	17	4.4	0.0
29/02/2024 01:50	2.7	258	21	4.5	0.0
29/02/2024 02:00	3.2	254	14	4.5	0.0
29/02/2024 02:10	3.0	258	20	4.3	0.0
29/02/2024 02:20	3.2	257	15	4.4	0.0
29/02/2024 02:30	2.7	259	15	4.3	0.0
29/02/2024 02:40	2.6	262	20	4.2	0.0
29/02/2024 02:50	2.9	257	18	4.9	0.0
29/02/2024 03:00	3.2	255	13	4.5	0.0
29/02/2024 03:10	2.8	259	17	4.4	0.0
29/02/2024 03:20	2.5	263	19	3.8	0.0
29/02/2024 03:30	2.6	250	19	4.0	0.0
29/02/2024 03:40	3.3	254	13	4.4	0.0
29/02/2024 03:50	2.7	258	15	4.0	0.0
29/02/2024 04:00	2.5	262	16	3.7	0.0
29/02/2024 04:10	3.1	259	13	4.1	0.0
29/02/2024 04:20	3.0	260	17	4.3	0.0
29/02/2024 04:30	2.3	263	18	3.4	0.0
29/02/2024 04:40	2.6	260	17	4.2	0.0
29/02/2024 04:50	3.7	258	15	5.2	0.0
29/02/2024 05:00	3.6	258	15	5.6	0.0
29/02/2024 05:10	2.8	257	17	4.1	0.0
29/02/2024 05:20	1.9	265	24	3.0	0.0
29/02/2024 05:30	3.1	256	15	4.4	0.0
29/02/2024 05:40	3.6	252	18	5.1	0.0
29/02/2024 05:50	3.3	256	15	4.8	0.0
29/02/2024 06:00	3.5	253	14	5.3	0.0
29/02/2024 06:10	3.8	254	15	6.1	0.0
29/02/2024 06:20	3.8	254	13	5.2	0.0
29/02/2024 06:30	4.1	255	14	6.0	0.0
29/02/2024 06:40	3.5	256	16	5.2	0.0
29/02/2024 06:50	3.6	253	14	5.2	0.0
29/02/2024 07:00	3.9	250	15	5.5	0.0
29/02/2024 07:10	3.8	252	15	5.3	0.0
29/02/2024 07:20	4.0	255	18	5.6	0.0
29/02/2024 07:30	3.9	251	16	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 07:40	4.5	250	16	6.4	0.0
29/02/2024 07:50	4.6	250	17	6.1	0.0
29/02/2024 08:00	4.2	251	14	5.8	0.0
29/02/2024 08:10	4.1	254	14	6.0	0.0
29/02/2024 08:20	4.1	250	15	5.8	0.0
29/02/2024 08:30	4.0	258	17	5.6	0.0
29/02/2024 08:40	4.7	253	17	6.6	0.0
29/02/2024 08:50	4.3	247	18	6.0	0.0
29/02/2024 09:00	4.4	245	17	6.3	0.0
29/02/2024 09:10	4.2	257	16	6.0	0.0
29/02/2024 09:20	4.0	252	16	6.0	0.0
29/02/2024 09:30	4.1	250	18	5.6	0.0
29/02/2024 09:40	3.9	251	19	5.9	0.0
29/02/2024 09:50	4.1	249	18	6.2	0.0
29/02/2024 10:00	4.8	246	16	6.5	0.0
29/02/2024 10:10	4.6	247	16	6.1	0.0
29/02/2024 10:20	4.2	248	20	6.0	0.0
29/02/2024 10:30	4.3	255	18	5.6	0.0
29/02/2024 10:40	4.6	251	17	7.3	0.0
29/02/2024 10:50	4.4	251	15	6.8	0.0
29/02/2024 11:00	5.0	246	16	6.8	0.0
29/02/2024 11:10	4.7	250	18	7.3	0.0
29/02/2024 11:20	5.3	248	17	7.4	0.0
29/02/2024 11:30	5.3	250	15	7.0	0.0
29/02/2024 11:40	4.7	251	18	6.7	0.0
29/02/2024 11:50	4.8	249	20	7.4	0.0
29/02/2024 12:00	5.2	244	16	6.9	0.0
29/02/2024 12:10	4.6	255	17	6.4	0.0
29/02/2024 12:20	5.2	244	17	7.5	0.0
29/02/2024 12:30	5.5	246	17	7.9	0.0
29/02/2024 12:40	5.4	250	16	8.0	0.0
29/02/2024 12:50	5.0	250	18	7.1	0.0
29/02/2024 13:00	5.3	246	17	7.7	0.0
29/02/2024 13:10	5.1	246	16	8.1	0.0
29/02/2024 13:20	5.4	247	16	7.3	0.0
29/02/2024 13:30	5.6	246	15	7.5	0.0
29/02/2024 13:40	5.3	245	19	7.8	0.0
29/02/2024 13:50	5.8	248	14	7.9	0.0
29/02/2024 14:00	5.4	250	17	7.5	0.0
29/02/2024 14:10	5.3	254	16	7.9	0.0
29/02/2024 14:20	5.3	247	19	7.5	0.0
29/02/2024 14:30	5.5	247	16	7.6	0.0
29/02/2024 14:40	5.6	251	15	8.4	0.0
29/02/2024 14:50	5.8	248	16	7.8	0.0
29/02/2024 15:00	5.5	246	14	8.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 15:10	5.9	244	16	8.1	0.0
29/02/2024 15:20	5.8	247	15	8.0	0.0
29/02/2024 15:30	6.1	249	16	8.4	0.0
29/02/2024 15:40	6.1	247	13	8.2	0.0
29/02/2024 15:50	5.3	249	19	8.3	0.0
29/02/2024 16:00	5.9	246	16	8.5	0.0
29/02/2024 16:10	5.6	243	15	7.3	0.0
29/02/2024 16:20	5.7	244	14	7.5	0.0
29/02/2024 16:30	5.4	245	16	7.8	0.0
29/02/2024 16:40	5.4	246	12	8.0	0.0
29/02/2024 16:50	5.2	244	18	7.5	0.0
29/02/2024 17:00	4.5	249	15	6.3	0.0
29/02/2024 17:10	4.5	248	16	6.9	0.0
29/02/2024 17:20	4.8	245	17	6.6	0.0
29/02/2024 17:30	4.8	250	18	7.1	0.0
29/02/2024 17:40	5.6	244	15	8.1	0.0
29/02/2024 17:50	5.9	248	13	8.3	0.0
29/02/2024 18:00	5.0	255	18	7.4	0.0
29/02/2024 18:10	4.7	259	19	7.2	0.0
29/02/2024 18:20	5.7	255	17	8.4	0.0
29/02/2024 18:30	4.9	254	19	7.5	0.0
29/02/2024 18:40	5.3	257	17	7.8	0.0
29/02/2024 18:50	5.3	256	17	8.3	0.0
29/02/2024 19:00	4.7	258	16	7.5	0.0
29/02/2024 19:10	5.3	255	21	8.1	0.0
29/02/2024 19:20	5.4	258	16	7.8	0.0
29/02/2024 19:30	5.1	260	17	7.5	0.0
29/02/2024 19:40	4.4	258	18	6.4	0.0
29/02/2024 19:50	5.0	255	18	7.8	0.0
29/02/2024 20:00	4.5	255	15	6.8	0.0
29/02/2024 20:10	5.1	254	16	7.2	0.0
29/02/2024 20:20	4.7	254	15	6.8	0.0
29/02/2024 20:30	4.4	256	16	7.0	0.0
29/02/2024 20:40	4.5	257	17	6.4	0.0
29/02/2024 20:50	4.6	256	16	7.0	0.0
29/02/2024 21:00	4.1	256	16	6.6	0.0
29/02/2024 21:10	3.9	257	18	5.9	0.0
29/02/2024 21:20	4.2	254	16	6.0	0.0
29/02/2024 21:30	3.9	261	17	5.7	0.0
29/02/2024 21:40	3.7	258	20	6.1	0.0
29/02/2024 21:50	4.4	256	14	6.3	0.0
29/02/2024 22:00	4.4	261	17	6.4	0.0
29/02/2024 22:10	4.4	252	15	6.2	0.0
29/02/2024 22:20	4.2	252	16	6.5	0.0
29/02/2024 22:30	4.9	253	17	7.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 22:40	4.8	253	17	7.2	0.0
29/02/2024 22:50	4.9	247	14	7.3	0.0
29/02/2024 23:00	4.5	243	17	6.4	0.0
29/02/2024 23:10	4.8	244	17	7.0	0.0
29/02/2024 23:20	4.4	245	15	6.8	0.0
29/02/2024 23:30	4.8	253	17	6.7	0.0
29/02/2024 23:40	4.6	245	17	6.4	0.0
29/02/2024 23:50	4.2	250	19	6.0	0.0
01/03/2024 00:00	4.7	251	14	6.6	0.0
01/03/2024 00:10	4.4	246	16	6.5	0.0
01/03/2024 00:20	4.0	254	20	6.1	0.0
01/03/2024 00:30	4.6	247	14	6.6	0.0
01/03/2024 00:40	4.0	248	17	6.6	0.0
01/03/2024 00:50	4.4	243	16	6.8	0.0
01/03/2024 01:00	3.6	245	19	5.9	0.0
01/03/2024 01:10	3.9	246	16	6.0	0.0
01/03/2024 01:20	4.1	250	17	6.0	0.0
01/03/2024 01:30	4.6	246	17	7.3	0.0
01/03/2024 01:40	4.6	249	17	6.4	0.0
01/03/2024 01:50	4.3	240	18	6.7	0.0
01/03/2024 02:00	4.4	241	18	6.6	0.0
01/03/2024 02:10	3.9	239	20	6.1	0.0
01/03/2024 02:20	3.9	238	17	5.7	0.0
01/03/2024 02:30	3.6	235	16	5.1	0.0
01/03/2024 02:40	3.8	234	15	5.6	0.0
01/03/2024 02:50	3.5	244	18	5.2	0.0
01/03/2024 03:00	2.9	245	18	4.8	0.0
01/03/2024 03:10	3.4	250	17	5.2	0.0
01/03/2024 03:20	3.2	227	18	4.8	0.0
01/03/2024 03:30	2.9	233	19	4.3	0.0
01/03/2024 03:40	3.3	239	15	4.7	0.0
01/03/2024 03:50	2.8	235	20	4.1	0.0
01/03/2024 04:00	2.6	248	19	4.4	0.0
01/03/2024 04:10	2.7	249	20	4.4	0.0
01/03/2024 04:20	3.5	255	13	5.0	0.0
01/03/2024 04:30	3.5	258	15	5.4	0.0
01/03/2024 04:40	4.0	253	14	5.6	0.0
01/03/2024 04:50	4.1	256	15	6.0	0.0
01/03/2024 05:00	4.1	256	13	5.6	0.0
01/03/2024 05:10	4.2	252	12	5.9	0.0
01/03/2024 05:20	5.1	255	9	6.9	0.0
01/03/2024 05:30	4.7	256	13	6.3	0.0
01/03/2024 05:40	4.6	252	11	6.3	0.0
01/03/2024 05:50	4.1	257	15	5.6	0.0
01/03/2024 06:00	3.7	260	17	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 06:10	4.2	250	14	5.8	0.0
01/03/2024 06:20	4.4	250	14	6.0	0.0
01/03/2024 06:30	4.9	250	14	6.9	0.0
01/03/2024 06:40	5.1	256	16	6.9	0.0
01/03/2024 06:50	4.3	254	16	6.2	0.0
01/03/2024 07:00	4.2	257	17	6.8	0.0
01/03/2024 07:10	4.6	257	17	7.1	0.0
01/03/2024 07:20	4.9	256	16	6.9	0.0
01/03/2024 07:30	4.6	255	16	6.9	0.0
01/03/2024 07:40	4.5	250	15	6.9	0.0
01/03/2024 07:50	3.9	247	16	5.6	0.0
01/03/2024 08:00	3.7	247	16	5.4	0.0
01/03/2024 08:10	4.1	253	16	5.5	0.0
01/03/2024 08:20	4.4	249	16	6.0	0.0
01/03/2024 08:30	4.7	255	17	6.5	0.0
01/03/2024 08:40	5.3	252	13	7.1	0.0
01/03/2024 08:50	4.8	251	18	7.2	0.0
01/03/2024 09:00	4.9	250	18	6.7	0.0
01/03/2024 09:10	5.0	256	18	6.9	0.0
01/03/2024 09:20	5.3	252	16	7.6	0.0
01/03/2024 09:30	5.0	252	15	7.7	0.0
01/03/2024 09:40	5.5	255	19	8.1	0.0
01/03/2024 09:50	5.2	252	16	7.8	0.0
01/03/2024 10:00	5.7	252	17	7.9	0.0
01/03/2024 10:10	5.3	254	15	7.9	0.0
01/03/2024 10:20	5.2	256	16	7.6	0.0
01/03/2024 10:30	5.0	251	19	6.7	0.0
01/03/2024 10:40	5.0	253	18	7.5	0.0
01/03/2024 10:50	5.6	252	19	8.0	0.0
01/03/2024 11:00	4.8	253	17	7.1	0.0
01/03/2024 11:10	5.1	255	20	7.5	0.0
01/03/2024 11:20	6.2	245	16	8.7	0.0
01/03/2024 11:30	5.9	252	15	8.2	0.0
01/03/2024 11:40	5.7	256	17	8.4	0.0
01/03/2024 11:50	5.1	255	19	7.9	0.0
01/03/2024 12:00	5.4	252	19	8.0	0.0
01/03/2024 12:10	5.3	256	20	7.5	0.0
01/03/2024 12:20	5.3	254	17	7.5	0.0
01/03/2024 12:30	5.4	252	18	8.6	0.0
01/03/2024 12:40	5.4	243	18	7.3	0.0
01/03/2024 12:50	5.0	250	18	7.1	0.0
01/03/2024 13:00	5.3	245	17	7.9	0.0
01/03/2024 13:10	4.9	249	15	7.1	0.0
01/03/2024 13:20	5.0	247	18	7.2	0.0
01/03/2024 13:30	5.0	250	15	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 13:40	5.4	245	17	7.5	0.0
01/03/2024 13:50	5.3	246	14	7.5	0.0
01/03/2024 14:00	5.3	242	18	7.2	0.0
01/03/2024 14:10	5.0	250	16	7.1	0.0
01/03/2024 14:20	5.0	256	16	7.3	0.0
01/03/2024 14:30	4.3	263	23	6.6	0.0
01/03/2024 14:40	3.5	262	24	5.5	0.0
01/03/2024 14:50	3.2	280	29	5.2	0.0
01/03/2024 15:00	3.6	272	31	5.8	0.0
01/03/2024 15:10	4.4	270	34	7.7	0.0
01/03/2024 15:20	3.6	281	32	5.7	0.0
01/03/2024 15:30	3.8	269	34	7.5	0.0
01/03/2024 15:40	3.7	269	29	5.9	0.0
01/03/2024 15:50	4.2	262	20	6.8	0.0
01/03/2024 16:00	4.5	254	17	6.4	0.0
01/03/2024 16:10	4.8	255	17	6.8	0.0
01/03/2024 16:20	4.4	260	17	6.0	0.0
01/03/2024 16:30	4.0	255	21	6.4	0.0
01/03/2024 16:40	3.8	260	23	7.1	0.0
01/03/2024 16:50	5.1	258	18	7.9	0.0
01/03/2024 17:00	5.2	253	16	7.4	0.0
01/03/2024 17:10	4.3	258	19	6.3	0.0
01/03/2024 17:20	5.2	256	14	7.1	0.0
01/03/2024 17:30	5.0	256	14	7.3	0.0
01/03/2024 17:40	5.2	257	14	7.5	0.0
01/03/2024 17:50	5.3	258	17	7.1	0.0
01/03/2024 18:00	5.3	257	16	7.8	0.0
01/03/2024 18:10	5.1	257	15	7.8	0.0
01/03/2024 18:20	5.3	256	18	7.5	0.0
01/03/2024 18:30	4.8	256	16	6.9	0.0
01/03/2024 18:40	5.4	255	18	8.3	0.0
01/03/2024 18:50	5.3	256	17	7.3	0.0
01/03/2024 19:00	5.5	254	17	8.1	0.0
01/03/2024 19:10	5.7	256	17	8.2	0.0
01/03/2024 19:20	5.0	260	18	7.6	0.0
01/03/2024 19:30	5.2	259	19	7.6	0.0
01/03/2024 19:40	5.4	255	13	8.0	0.0
01/03/2024 19:50	5.1	255	16	7.9	0.0
01/03/2024 20:00	4.8	257	15	6.6	0.0
01/03/2024 20:10	5.1	258	17	7.2	0.0
01/03/2024 20:20	5.0	261	16	7.7	0.0
01/03/2024 20:30	4.8	262	17	7.4	0.0
01/03/2024 20:40	4.8	256	13	6.8	0.0
01/03/2024 20:50	4.5	261	17	6.8	0.0
01/03/2024 21:00	5.4	262	17	7.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/03/2024 21:10	5.3	257	16	8.3	0.0
01/03/2024 21:20	5.4	259	16	7.7	0.0
01/03/2024 21:30	5.2	260	15	7.4	0.0
01/03/2024 21:40	5.4	260	15	7.5	0.0
01/03/2024 21:50	5.5	256	14	7.6	0.0
01/03/2024 22:00	5.3	255	16	7.6	0.0
01/03/2024 22:10	4.8	259	15	7.1	0.0
01/03/2024 22:20	5.5	256	14	7.2	0.0
01/03/2024 22:30	5.4	257	14	7.9	0.0
01/03/2024 22:40	5.3	258	13	7.5	0.0
01/03/2024 22:50	4.9	259	16	6.9	0.0
01/03/2024 23:00	4.9	257	17	7.5	0.0
01/03/2024 23:10	4.8	255	16	6.7	0.0
01/03/2024 23:20	4.5	256	17	6.0	0.0
01/03/2024 23:30	5.1	254	13	7.0	0.0
01/03/2024 23:40	4.7	259	16	6.7	0.0
01/03/2024 23:50	4.7	257	14	6.8	0.0
02/03/2024 00:00	4.6	259	17	6.8	0.0
02/03/2024 00:10	4.7	253	14	6.8	0.0
02/03/2024 00:20	4.3	260	16	6.4	0.0
02/03/2024 00:30	4.2	260	16	6.4	0.0
02/03/2024 00:40	4.5	261	20	6.8	0.0
02/03/2024 00:50	4.1	260	15	5.9	0.0
02/03/2024 01:00	4.2	256	15	6.6	0.0
02/03/2024 01:10	4.5	260	17	6.6	0.0
02/03/2024 01:20	4.2	261	16	6.7	0.0
02/03/2024 01:30	4.9	259	15	7.3	0.0
02/03/2024 01:40	5.3	252	14	7.6	0.0
02/03/2024 01:50	4.8	256	15	6.8	0.0
02/03/2024 02:00	4.3	258	18	6.7	0.0
02/03/2024 02:10	4.8	258	15	6.8	0.0
02/03/2024 02:20	4.8	258	18	7.2	0.0
02/03/2024 02:30	4.7	260	18	7.2	0.0
02/03/2024 02:40	4.4	261	19	7.2	0.0
02/03/2024 02:50	5.0	254	15	7.5	0.0
02/03/2024 03:00	4.8	257	17	7.0	0.0
02/03/2024 03:10	4.7	260	17	7.0	0.0
02/03/2024 03:20	5.2	258	18	7.3	0.0
02/03/2024 03:30	5.7	253	15	7.8	0.0
02/03/2024 03:40	5.3	254	16	7.2	0.0
02/03/2024 03:50	5.4	255	17	7.5	0.0
02/03/2024 04:00	5.1	254	18	8.4	0.0
02/03/2024 04:10	5.4	254	17	7.8	0.0
02/03/2024 04:20	4.8	255	16	7.2	0.0
02/03/2024 04:30	5.2	255	14	7.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 04:40	5.2	257	17	7.5	0.0
02/03/2024 04:50	4.9	253	17	7.7	0.0
02/03/2024 05:00	4.2	254	17	5.8	0.0
02/03/2024 05:10	4.6	256	17	7.1	0.0
02/03/2024 05:20	4.6	259	16	6.1	0.0
02/03/2024 05:30	5.0	256	14	7.0	0.0
02/03/2024 05:40	4.9	257	14	7.2	0.0
02/03/2024 05:50	5.0	257	15	8.3	0.0
02/03/2024 06:00	4.6	252	17	6.6	0.0
02/03/2024 06:10	5.5	251	14	7.9	0.0
02/03/2024 06:20	4.7	250	16	6.8	0.0
02/03/2024 06:30	5.6	252	16	8.0	0.0
02/03/2024 06:40	5.4	253	14	7.6	0.0
02/03/2024 06:50	5.1	250	17	7.0	0.0
02/03/2024 07:00	4.3	250	18	6.0	0.0
02/03/2024 07:10	3.6	247	19	5.4	0.0
02/03/2024 07:20	3.7	240	20	5.6	0.0
02/03/2024 07:30	3.9	231	14	5.5	0.0
02/03/2024 07:40	4.0	225	18	5.6	0.0
02/03/2024 07:50	4.2	231	20	6.2	0.0
02/03/2024 08:00	4.1	229	17	6.5	0.0
02/03/2024 08:10	4.0	236	18	5.5	0.0
02/03/2024 08:20	3.8	235	17	5.2	0.0
02/03/2024 08:30	3.8	238	19	5.5	0.0
02/03/2024 08:40	3.8	252	17	5.3	0.0
02/03/2024 08:50	3.3	255	19	4.8	0.0
02/03/2024 09:00	3.4	245	21	5.4	0.0
02/03/2024 09:10	3.3	258	16	4.9	0.0
02/03/2024 09:20	3.4	259	17	5.4	0.0
02/03/2024 09:30	2.7	252	22	4.1	0.0
02/03/2024 09:40	2.7	254	19	4.2	0.0
02/03/2024 09:50	2.0	279	37	3.2	0.0
02/03/2024 10:00	1.8	274	46	3.4	0.0
02/03/2024 10:10	2.2	96	33	3.8	0.0
02/03/2024 10:20	2.1	92	37	3.7	0.0
02/03/2024 10:30	2.0	88	28	3.6	0.0
02/03/2024 10:40	1.5	108	40	2.4	0.0
02/03/2024 10:50	1.7	72	25	3.1	0.0
02/03/2024 11:00	2.0	80	38	3.6	0.0
02/03/2024 11:10	2.7	64	24	3.9	0.0
02/03/2024 11:20	2.2	69	31	4.2	0.0
02/03/2024 11:30	2.7	332	35	4.8	0.0
02/03/2024 11:40	2.7	301	41	4.4	0.0
02/03/2024 11:50	1.9	263	56	3.7	0.0
02/03/2024 12:00	2.2	313	41	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 12:10	2.3	312	39	4.3	0.0
02/03/2024 12:20	2.7	296	45	4.8	0.0
02/03/2024 12:30	3.1	293	40	5.3	0.0
02/03/2024 12:40	3.2	299	33	5.6	0.0
02/03/2024 12:50	3.3	311	34	5.2	0.0
02/03/2024 13:00	3.6	319	38	5.6	0.0
02/03/2024 13:10	3.7	322	30	5.9	0.0
02/03/2024 13:20	3.7	306	41	6.2	0.0
02/03/2024 13:30	3.8	280	44	7.2	0.0
02/03/2024 13:40	3.5	284	37	6.0	0.0
02/03/2024 13:50	3.5	292	43	7.9	0.0
02/03/2024 14:00	3.6	271	37	6.6	0.0
02/03/2024 14:10	3.7	284	33	5.6	0.0
02/03/2024 14:20	3.3	287	32	6.0	0.0
02/03/2024 14:30	3.3	289	39	5.8	0.0
02/03/2024 14:40	3.5	272	37	6.1	0.0
02/03/2024 14:50	3.8	268	32	6.0	0.0
02/03/2024 15:00	4.4	264	30	6.3	0.0
02/03/2024 15:10	3.9	264	33	6.0	0.0
02/03/2024 15:20	5.1	247	19	8.1	0.0
02/03/2024 15:30	5.4	242	18	7.6	0.0
02/03/2024 15:40	5.5	240	16	7.5	0.0
02/03/2024 15:50	4.8	242	18	6.7	0.0
02/03/2024 16:00	4.7	241	17	6.6	0.0
02/03/2024 16:10	4.8	242	17	6.6	0.0
02/03/2024 16:20	4.5	246	19	6.9	0.0
02/03/2024 16:30	4.6	243	15	7.1	0.0
02/03/2024 16:40	4.6	248	17	6.3	0.0
02/03/2024 16:50	4.5	250	16	6.0	0.0
02/03/2024 17:00	4.3	253	15	6.0	0.0
02/03/2024 17:10	3.2	255	26	5.1	0.0
02/03/2024 17:20	3.2	264	27	5.6	0.0
02/03/2024 17:30	2.8	279	30	5.1	0.0
02/03/2024 17:40	2.6	278	38	4.8	0.0
02/03/2024 17:50	2.9	301	41	5.3	0.0
02/03/2024 18:00	3.1	261	30	4.8	0.0
02/03/2024 18:10	3.5	266	33	5.7	0.0
02/03/2024 18:20	3.8	268	28	6.1	0.0
02/03/2024 18:30	3.2	263	26	5.4	0.0
02/03/2024 18:40	3.4	260	21	5.2	0.0
02/03/2024 18:50	3.6	258	19	5.3	0.0
02/03/2024 19:00	4.6	254	16	7.0	0.0
02/03/2024 19:10	4.6	255	19	7.0	0.0
02/03/2024 19:20	4.8	254	15	7.1	0.0
02/03/2024 19:30	4.0	257	17	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/03/2024 19:40	4.0	252	19	6.1	0.0
02/03/2024 19:50	4.3	256	16	6.1	0.0
02/03/2024 20:00	4.6	257	17	6.4	0.0
02/03/2024 20:10	4.1	259	16	6.2	0.0
02/03/2024 20:20	4.0	260	17	5.7	0.0
02/03/2024 20:30	3.7	253	17	5.6	0.0
02/03/2024 20:40	3.5	257	17	5.2	0.0
02/03/2024 20:50	3.8	259	16	5.5	0.0
02/03/2024 21:00	3.4	257	19	5.4	0.0
02/03/2024 21:10	3.1	256	18	4.8	0.0
02/03/2024 21:20	3.5	258	16	5.2	0.0
02/03/2024 21:30	3.6	254	15	5.3	0.0
02/03/2024 21:40	3.5	259	16	5.7	0.0
02/03/2024 21:50	3.3	256	16	5.1	0.0
02/03/2024 22:00	3.4	256	18	5.2	0.0
02/03/2024 22:10	3.5	259	17	5.1	0.0
02/03/2024 22:20	3.8	251	14	5.6	0.0
02/03/2024 22:30	3.4	255	17	5.1	0.0
02/03/2024 22:40	3.3	259	16	4.7	0.0
02/03/2024 22:50	2.8	259	21	4.6	0.0
02/03/2024 23:00	3.7	255	18	6.1	0.0
02/03/2024 23:10	3.9	256	16	5.6	0.0
02/03/2024 23:20	3.4	257	18	4.8	0.0
02/03/2024 23:30	2.9	259	21	5.0	0.0
02/03/2024 23:40	3.1	259	18	4.3	0.0
02/03/2024 23:50	3.6	253	13	4.8	0.0
03/03/2024 00:00	3.0	258	16	4.3	0.0
03/03/2024 00:10	2.7	258	16	3.9	0.0
03/03/2024 00:20	3.2	257	15	4.8	0.0
03/03/2024 00:30	2.4	260	18	3.2	0.0
03/03/2024 00:40	2.5	263	20	3.6	0.0
03/03/2024 00:50	3.0	255	17	4.2	0.0
03/03/2024 01:00	3.2	256	18	5.2	0.0
03/03/2024 01:10	3.2	254	17	4.9	0.0
03/03/2024 01:20	3.6	254	16	5.6	0.0
03/03/2024 01:30	3.8	256	15	5.6	0.0
03/03/2024 01:40	4.0	255	15	5.7	0.0
03/03/2024 01:50	3.8	258	18	5.7	0.0
03/03/2024 02:00	3.1	259	16	4.7	0.0
03/03/2024 02:10	2.4	261	19	3.8	0.0
03/03/2024 02:20	3.2	255	15	4.7	0.0
03/03/2024 02:30	3.5	255	14	5.3	0.0
03/03/2024 02:40	2.8	260	23	4.2	0.0
03/03/2024 02:50	3.2	256	19	4.9	0.0
03/03/2024 03:00	3.7	254	16	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 03:10	2.8	260	18	4.8	0.0
03/03/2024 03:20	3.7	255	13	5.7	0.0
03/03/2024 03:30	3.3	256	17	5.1	0.0
03/03/2024 03:40	3.4	260	15	5.2	0.0
03/03/2024 03:50	3.3	258	14	4.7	0.0
03/03/2024 04:00	3.1	258	20	4.8	0.0
03/03/2024 04:10	3.0	258	16	4.6	0.0
03/03/2024 04:20	3.0	256	16	4.4	0.0
03/03/2024 04:30	1.9	269	24	3.2	0.0
03/03/2024 04:40	1.8	268	27	3.2	0.0
03/03/2024 04:50	2.2	261	17	3.8	0.0
03/03/2024 05:00	2.2	263	15	3.2	0.0
03/03/2024 05:10	2.5	260	17	4.0	0.0
03/03/2024 05:20	2.6	263	20	3.9	0.0
03/03/2024 05:30	2.8	258	17	4.2	0.0
03/03/2024 05:40	2.3	265	22	4.4	0.0
03/03/2024 05:50	2.7	261	15	4.2	0.0
03/03/2024 06:00	2.8	258	17	4.4	0.0
03/03/2024 06:10	2.9	264	20	4.2	0.0
03/03/2024 06:20	2.4	263	23	3.6	0.0
03/03/2024 06:30	2.4	262	18	3.6	0.0
03/03/2024 06:40	2.7	256	19	4.1	0.0
03/03/2024 06:50	3.3	260	15	4.6	0.0
03/03/2024 07:00	3.0	261	17	4.5	0.0
03/03/2024 07:10	3.4	257	16	5.2	0.0
03/03/2024 07:20	3.6	259	13	4.8	0.0
03/03/2024 07:30	3.7	256	17	5.2	0.0
03/03/2024 07:40	3.4	256	16	5.0	0.0
03/03/2024 07:50	3.5	260	16	5.0	0.0
03/03/2024 08:00	3.3	252	16	4.6	0.0
03/03/2024 08:10	3.1	257	21	4.6	0.0
03/03/2024 08:20	3.2	250	18	4.6	0.0
03/03/2024 08:30	3.4	251	20	4.9	0.0
03/03/2024 08:40	3.4	253	19	4.9	0.0
03/03/2024 08:50	3.3	246	21	4.7	0.0
03/03/2024 09:00	3.5	243	19	5.0	0.0
03/03/2024 09:10	3.3	250	22	4.8	0.0
03/03/2024 09:20	4.0	239	17	5.6	0.0
03/03/2024 09:30	3.8	241	19	5.2	0.0
03/03/2024 09:40	3.6	249	19	5.2	0.0
03/03/2024 09:50	3.9	240	20	5.9	0.0
03/03/2024 10:00	4.3	246	17	5.6	0.0
03/03/2024 10:10	3.7	240	22	5.0	0.0
03/03/2024 10:20	3.7	246	18	5.1	0.0
03/03/2024 10:30	3.4	253	19	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 10:40	2.7	249	23	4.0	0.0
03/03/2024 10:50	2.9	247	25	4.6	0.0
03/03/2024 11:00	2.7	251	26	4.7	0.0
03/03/2024 11:10	2.7	266	31	4.8	0.0
03/03/2024 11:20	2.7	273	36	4.2	0.0
03/03/2024 11:30	2.6	283	42	4.4	0.0
03/03/2024 11:40	2.6	297	38	4.8	0.0
03/03/2024 11:50	2.5	285	43	4.6	0.0
03/03/2024 12:00	2.8	288	43	4.8	0.0
03/03/2024 12:10	3.2	267	32	5.2	0.0
03/03/2024 12:20	3.2	276	35	5.0	0.0
03/03/2024 12:30	2.9	273	35	4.8	0.0
03/03/2024 12:40	3.6	262	23	5.7	0.0
03/03/2024 12:50	3.1	281	41	5.2	0.0
03/03/2024 13:00	3.6	260	24	5.6	0.0
03/03/2024 13:10	2.8	267	33	5.0	0.0
03/03/2024 13:20	3.6	258	24	5.4	0.0
03/03/2024 13:30	3.3	263	30	5.4	0.0
03/03/2024 13:40	3.4	278	38	5.6	0.0
03/03/2024 13:50	3.1	286	40	5.2	0.0
03/03/2024 14:00	2.7	281	46	4.5	0.0
03/03/2024 14:10	2.7	295	40	5.2	0.0
03/03/2024 14:20	3.1	268	37	4.7	0.0
03/03/2024 14:30	2.9	282	34	4.8	0.0
03/03/2024 14:40	2.9	273	37	4.9	0.0
03/03/2024 14:50	3.1	299	41	5.6	0.0
03/03/2024 15:00	3.1	287	37	4.8	0.0
03/03/2024 15:10	3.2	305	37	5.5	0.0
03/03/2024 15:20	2.9	290	44	4.8	0.0
03/03/2024 15:30	3.2	304	40	4.9	0.0
03/03/2024 15:40	3.1	287	37	4.8	0.0
03/03/2024 15:50	3.6	301	37	5.7	0.0
03/03/2024 16:00	3.1	287	43	5.3	0.0
03/03/2024 16:10	2.9	295	40	5.0	0.0
03/03/2024 16:20	2.8	307	41	5.3	0.0
03/03/2024 16:30	3.3	291	39	5.5	0.0
03/03/2024 16:40	3.1	289	45	5.1	0.0
03/03/2024 16:50	3.2	280	41	5.6	0.0
03/03/2024 17:00	3.1	292	42	5.1	0.0
03/03/2024 17:10	3.1	293	41	4.9	0.0
03/03/2024 17:20	3.3	285	39	6.3	0.0
03/03/2024 17:30	3.1	275	34	5.5	0.0
03/03/2024 17:40	2.9	279	37	5.5	0.0
03/03/2024 17:50	3.4	267	29	5.2	0.0
03/03/2024 18:00	3.8	259	22	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/03/2024 18:10	3.7	255	18	5.6	0.0
03/03/2024 18:20	3.9	255	15	6.0	0.0
03/03/2024 18:30	3.9	250	18	5.8	0.0
03/03/2024 18:40	3.8	244	15	5.6	0.0
03/03/2024 18:50	4.5	246	17	6.7	0.0
03/03/2024 19:00	3.4	250	15	5.0	0.0
03/03/2024 19:10	3.0	247	19	4.3	0.0
03/03/2024 19:20	3.0	248	16	3.9	0.0
03/03/2024 19:30	2.3	232	24	3.3	0.0
03/03/2024 19:40	1.9	237	17	2.7	0.0
03/03/2024 19:50	1.3	252	20	2.1	0.0
03/03/2024 20:00	1.4	291	20	2.4	0.0
03/03/2024 20:10	1.1	303	47	2.2	0.0
03/03/2024 20:20	1.7	321	42	2.8	0.0
03/03/2024 20:30	1.7	310	36	3.0	0.0
03/03/2024 20:40	1.9	313	27	3.2	0.0
03/03/2024 20:50	1.9	286	40	3.1	0.0
03/03/2024 21:00	1.6	282	41	2.5	0.0
03/03/2024 21:10	2.1	271	35	4.2	0.0
03/03/2024 21:20	2.3	295	38	4.4	0.0
03/03/2024 21:30	2.2	263	33	3.8	0.0
03/03/2024 21:40	2.0	284	38	4.1	0.0
03/03/2024 21:50	1.8	275	41	2.7	0.0
03/03/2024 22:00	1.8	274	33	3.1	0.0
03/03/2024 22:10	1.7	288	49	3.4	0.0
03/03/2024 22:20	2.0	275	31	3.2	0.0
03/03/2024 22:30	1.5	276	45	2.8	0.0
03/03/2024 22:40	1.5	272	26	2.4	0.0
03/03/2024 22:50	1.6	256	20	2.8	0.0
03/03/2024 23:00	1.8	255	23	2.6	0.0
03/03/2024 23:10	1.9	302	35	3.3	0.0
03/03/2024 23:20	1.3	265	36	2.4	0.0
03/03/2024 23:30	2.4	252	18	3.2	0.0
03/03/2024 23:40	2.2	257	21	3.6	0.0
03/03/2024 23:50	2.5	257	19	3.6	0.0
04/03/2024 00:00	2.9	255	14	4.2	0.0
04/03/2024 00:10	3.2	255	15	4.9	0.0
04/03/2024 00:20	3.4	252	16	5.0	0.0
04/03/2024 00:30	2.6	254	18	3.8	0.0
04/03/2024 00:40	2.5	263	18	3.6	0.0
04/03/2024 00:50	2.7	251	15	4.0	0.0
04/03/2024 01:00	2.1	259	23	3.1	0.0
04/03/2024 01:10	1.4	254	39	2.3	0.0
04/03/2024 01:20	1.6	251	23	2.8	0.0
04/03/2024 01:30	1.8	252	17	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 01:40	2.4	245	16	3.3	0.0
04/03/2024 01:50	2.4	245	16	3.8	0.0
04/03/2024 02:00	2.6	245	17	3.5	0.0
04/03/2024 02:10	3.1	247	15	4.3	0.0
04/03/2024 02:20	2.2	244	20	3.1	0.0
04/03/2024 02:30	1.6	250	23	2.3	0.0
04/03/2024 02:40	1.1	258	21	1.6	0.0
04/03/2024 02:50	0.5	283	29	1.1	0.0
04/03/2024 03:00	0.3	311	46	0.9	0.0
04/03/2024 03:10	0.0	65	2	0.6	0.0
04/03/2024 03:20	0.4	211	17	1.1	0.0
04/03/2024 03:30	1.4	316	26	2.2	0.0
04/03/2024 03:40	1.5	337	28	2.6	0.0
04/03/2024 03:50	1.2	280	46	2.0	0.0
04/03/2024 04:00	1.8	312	29	2.7	0.0
04/03/2024 04:10	2.0	300	37	3.5	0.0
04/03/2024 04:20	1.9	289	44	3.9	0.0
04/03/2024 04:30	1.9	291	43	3.3	0.0
04/03/2024 04:40	1.8	278	47	3.4	0.0
04/03/2024 04:50	2.2	261	24	3.7	0.0
04/03/2024 05:00	1.2	314	47	2.6	0.0
04/03/2024 05:10	0.6	273	41	1.3	0.0
04/03/2024 05:20	0.3	324	29	1.2	0.0
04/03/2024 05:30	0.5	309	10	1.2	0.0
04/03/2024 05:40	0.3	342	17	1.1	0.0
04/03/2024 05:50	0.1	32	5	0.8	0.0
04/03/2024 06:00	0.7	15	17	1.4	0.0
04/03/2024 06:10	0.6	16	26	1.3	0.0
04/03/2024 06:20	0.5	35	23	1.1	0.0
04/03/2024 06:30	0.6	46	27	1.4	0.0
04/03/2024 06:40	0.8	18	22	1.4	0.0
04/03/2024 06:50	1.4	171	25	2.0	0.0
04/03/2024 07:00	1.5	334	23	2.3	0.0
04/03/2024 07:10	1.7	328	27	3.2	0.0
04/03/2024 07:20	2.2	307	30	3.7	0.0
04/03/2024 07:30	2.1	292	39	3.7	0.0
04/03/2024 07:40	2.2	308	33	4.0	0.0
04/03/2024 07:50	2.4	272	35	4.0	0.0
04/03/2024 08:00	2.1	271	39	3.8	0.0
04/03/2024 08:10	1.7	287	54	3.2	0.0
04/03/2024 08:20	1.5	286	48	2.7	0.0
04/03/2024 08:30	1.6	277	44	2.8	0.0
04/03/2024 08:40	1.6	304	48	2.9	0.0
04/03/2024 08:50	2.3	234	21	3.7	0.0
04/03/2024 09:00	2.2	234	33	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 09:10	2.1	240	28	3.3	0.0
04/03/2024 09:20	2.2	251	30	3.7	0.0
04/03/2024 09:30	2.1	221	33	3.6	0.0
04/03/2024 09:40	1.0	196	70	2.2	0.0
04/03/2024 09:50	1.3	74	69	2.9	0.0
04/03/2024 10:00	1.2	91	66	2.5	0.0
04/03/2024 10:10	1.6	84	34	2.8	0.0
04/03/2024 10:20	1.2	56	57	2.1	0.0
04/03/2024 10:30	1.7	108	45	3.2	0.0
04/03/2024 10:40	2.1	86	25	3.5	0.0
04/03/2024 10:50	1.9	60	39	3.5	0.0
04/03/2024 11:00	2.0	90	31	3.1	0.0
04/03/2024 11:10	2.3	82	30	3.6	0.0
04/03/2024 11:20	2.2	81	28	3.6	0.0
04/03/2024 11:30	1.7	83	36	3.5	0.0
04/03/2024 11:40	1.8	51	50	3.1	0.0
04/03/2024 11:50	2.0	31	34	3.2	0.0
04/03/2024 12:00	2.5	82	24	4.5	0.0
04/03/2024 12:10	2.6	65	23	4.0	0.0
04/03/2024 12:20	2.3	62	27	3.6	0.0
04/03/2024 12:30	2.3	32	32	3.9	0.0
04/03/2024 12:40	2.7	354	24	4.5	0.0
04/03/2024 12:50	2.5	186	32	4.0	0.0
04/03/2024 13:00	2.6	20	37	4.0	0.0
04/03/2024 13:10	3.5	68	22	5.6	0.0
04/03/2024 13:20	3.5	69	21	5.1	0.0
04/03/2024 13:30	3.7	69	18	5.6	0.0
04/03/2024 13:40	3.5	58	19	5.4	0.0
04/03/2024 13:50	2.9	36	28	4.6	0.0
04/03/2024 14:00	2.8	191	33	5.2	0.0
04/03/2024 14:10	2.9	184	37	4.9	0.0
04/03/2024 14:20	3.2	17	28	5.2	0.0
04/03/2024 14:30	3.5	11	32	5.6	0.0
04/03/2024 14:40	3.9	12	26	6.4	0.0
04/03/2024 14:50	3.3	13	34	5.2	0.0
04/03/2024 15:00	3.3	7	30	5.3	0.0
04/03/2024 15:10	3.3	178	34	5.7	0.0
04/03/2024 15:20	3.3	186	32	5.6	0.0
04/03/2024 15:30	3.5	182	27	5.9	0.0
04/03/2024 15:40	3.3	177	32	6.0	0.0
04/03/2024 15:50	3.2	17	32	5.6	0.0
04/03/2024 16:00	3.8	17	21	5.7	0.0
04/03/2024 16:10	3.7	18	24	5.5	0.0
04/03/2024 16:20	3.9	20	25	6.0	0.0
04/03/2024 16:30	3.8	20	24	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/03/2024 16:40	3.8	16	24	5.9	0.0
04/03/2024 16:50	3.6	16	27	5.8	0.0
04/03/2024 17:00	3.5	15	25	5.9	0.0
04/03/2024 17:10	3.3	11	29	5.4	0.0
04/03/2024 17:20	3.1	187	33	5.0	0.0
04/03/2024 17:30	3.3	327	32	5.7	0.0
04/03/2024 17:40	3.4	335	29	5.6	0.0
04/03/2024 17:50	3.4	323	34	6.0	0.0
04/03/2024 18:00	3.1	328	31	5.2	0.0
04/03/2024 18:10	3.0	319	30	4.9	0.0
04/03/2024 18:20	2.4	318	46	4.6	0.0
04/03/2024 18:30	2.3	303	38	4.7	0.0
04/03/2024 18:40	2.2	304	46	4.1	0.0
04/03/2024 18:50	1.9	281	45	3.8	0.0
04/03/2024 19:00	2.9	255	26	4.6	0.0
04/03/2024 19:10	2.4	254	25	3.7	0.0
04/03/2024 19:20	2.3	254	27	4.0	0.0
04/03/2024 19:30	2.2	272	42	3.5	0.0
04/03/2024 19:40	2.1	265	44	4.1	0.0
04/03/2024 19:50	2.0	252	26	3.5	0.0
04/03/2024 20:00	1.6	243	30	3.0	0.0
04/03/2024 20:10	1.5	233	14	2.4	0.0
04/03/2024 20:20	2.0	181	26	3.2	0.0
04/03/2024 20:30	2.2	133	22	3.7	1.2
04/03/2024 20:40	2.0	116	27	3.3	1.2
04/03/2024 20:50	2.9	65	18	5.2	3.4
04/03/2024 21:00	3.4	65	18	5.5	1.5
04/03/2024 21:10	3.0	77	24	5.3	0.1
04/03/2024 21:20	3.4	90	21	6.0	0.1
04/03/2024 21:30	2.4	70	19	3.7	0.5
04/03/2024 21:40	2.2	46	19	3.7	0.6
04/03/2024 21:50	1.3	35	15	2.1	0.2
04/03/2024 22:00	1.7	50	17	2.4	0.0
04/03/2024 22:10	1.8	71	19	2.4	0.0
04/03/2024 22:20	2.1	74	19	3.3	0.0
04/03/2024 22:30	1.7	68	22	2.8	0.0
04/03/2024 22:40	1.2	76	20	1.8	0.0
04/03/2024 22:50	1.6	69	19	2.6	0.0
04/03/2024 23:00	1.3	54	19	2.1	0.1
04/03/2024 23:10	1.5	30	17	2.0	0.0
04/03/2024 23:20	1.5	37	19	2.5	0.0
04/03/2024 23:30	1.2	69	19	2.0	0.0
04/03/2024 23:40	1.6	35	17	2.3	0.0
04/03/2024 23:50	1.3	346	21	2.0	0.0
05/03/2024 00:00	0.9	204	25	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 00:10	0.5	152	26	1.2	0.0
05/03/2024 00:20	0.7	99	21	1.2	0.0
05/03/2024 00:30	0.6	100	17	1.5	0.0
05/03/2024 00:40	0.2	105	10	1.2	0.0
05/03/2024 00:50	0.4	23	9	1.0	0.0
05/03/2024 01:00					0.0
05/03/2024 01:10	0.2	95	7	0.8	0.0
05/03/2024 01:20					0.0
05/03/2024 01:30	0.6	255	11	0.9	0.0
05/03/2024 01:40	0.1	274	2	0.8	0.0
05/03/2024 01:50					0.0
05/03/2024 02:00	0.2	33	12	0.9	0.0
05/03/2024 02:10	0.0	62	1	0.4	0.0
05/03/2024 02:20					0.0
05/03/2024 02:30					0.0
05/03/2024 02:40					0.0
05/03/2024 02:50					0.0
05/03/2024 03:00	1.2	282	11	1.7	0.0
05/03/2024 03:10	1.4	262	13	1.9	0.0
05/03/2024 03:20	1.3	259	11	1.8	0.0
05/03/2024 03:30	0.9	257	15	1.3	0.0
05/03/2024 03:40	0.6	243	8	1.1	0.0
05/03/2024 03:50	0.6	225	10	1.1	0.0
05/03/2024 04:00	0.7	249	13	1.1	0.0
05/03/2024 04:10	0.8	241	12	1.1	0.0
05/03/2024 04:20	0.9	265	13	1.3	0.0
05/03/2024 04:30	0.2	268	9	0.8	0.0
05/03/2024 04:40	0.3	281	10	0.8	0.0
05/03/2024 04:50	0.1	177	2	0.6	0.0
05/03/2024 05:00	0.1	181	5	0.5	0.0
05/03/2024 05:10	0.4	23	7	0.9	0.0
05/03/2024 05:20	0.4	34	10	0.8	0.0
05/03/2024 05:30	0.4	262	6	0.8	0.0
05/03/2024 05:40	0.8	253	14	1.2	0.0
05/03/2024 05:50	0.7	265	14	1.2	0.0
05/03/2024 06:00	0.3	233	11	0.6	0.0
05/03/2024 06:10	0.6	155	14	1.2	0.0
05/03/2024 06:20	0.8	147	27	1.3	0.0
05/03/2024 06:30	1.0	136	20	1.8	0.0
05/03/2024 06:40	0.9	122	26	1.8	0.0
05/03/2024 06:50	0.9	189	33	1.8	0.0
05/03/2024 07:00	2.0	259	18	2.7	0.0
05/03/2024 07:10	2.0	246	16	2.8	0.0
05/03/2024 07:20	1.9	246	15	2.9	0.0
05/03/2024 07:30	2.5	237	18	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 07:40	2.5	241	17	3.6	0.0
05/03/2024 07:50	2.4	233	18	3.5	0.0
05/03/2024 08:00	2.6	223	23	4.0	0.0
05/03/2024 08:10	2.8	220	18	3.9	0.0
05/03/2024 08:20	2.9	231	20	4.2	0.0
05/03/2024 08:30	2.7	226	23	4.0	0.0
05/03/2024 08:40	2.5	215	22	4.0	0.0
05/03/2024 08:50	1.8	208	53	3.3	0.0
05/03/2024 09:00	1.7	182	37	3.2	0.0
05/03/2024 09:10	1.6	126	35	2.9	0.0
05/03/2024 09:20	1.4	141	39	2.5	0.0
05/03/2024 09:30	1.9	134	27	3.2	0.0
05/03/2024 09:40	1.7	131	35	2.6	0.0
05/03/2024 09:50	1.7	110	26	2.5	0.0
05/03/2024 10:00	2.1	121	30	3.1	0.0
05/03/2024 10:10	1.8	106	29	2.8	0.0
05/03/2024 10:20	1.9	123	26	2.8	0.0
05/03/2024 10:30	2.0	102	29	3.2	0.0
05/03/2024 10:40	1.6	97	48	3.0	0.0
05/03/2024 10:50	2.1	80	18	3.2	0.0
05/03/2024 11:00	2.2	69	23	3.3	0.0
05/03/2024 11:10	2.4	73	20	3.7	0.0
05/03/2024 11:20	2.1	68	26	3.5	0.0
05/03/2024 11:30	2.1	52	27	3.4	0.0
05/03/2024 11:40	1.8	79	34	3.1	0.0
05/03/2024 11:50	2.3	83	27	3.9	0.0
05/03/2024 12:00	2.7	63	19	4.2	0.0
05/03/2024 12:10	2.8	72	20	4.4	0.0
05/03/2024 12:20	2.6	59	23	3.7	0.0
05/03/2024 12:30	2.7	63	22	4.3	0.0
05/03/2024 12:40	2.9	59	24	4.4	0.0
05/03/2024 12:50	2.8	50	23	4.1	0.0
05/03/2024 13:00	2.7	58	21	4.0	0.0
05/03/2024 13:10	2.9	57	21	4.4	0.0
05/03/2024 13:20	2.8	64	21	4.4	0.0
05/03/2024 13:30	2.9	71	19	4.8	0.0
05/03/2024 13:40	3.0	64	17	4.9	0.0
05/03/2024 13:50	3.2	70	21	4.7	0.0
05/03/2024 14:00	2.7	59	21	4.1	0.0
05/03/2024 14:10	2.4	38	27	3.9	0.0
05/03/2024 14:20	2.8	175	34	4.5	0.0
05/03/2024 14:30	2.4	35	30	4.1	0.0
05/03/2024 14:40	2.7	33	29	4.1	0.0
05/03/2024 14:50	2.3	28	29	4.4	0.0
05/03/2024 15:00	2.4	32	32	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 15:10	2.9	35	30	5.2	0.0
05/03/2024 15:20	3.1	189	29	5.4	0.0
05/03/2024 15:30	3.1	19	33	5.5	0.0
05/03/2024 15:40	3.3	14	26	4.9	0.0
05/03/2024 15:50	3.2	180	27	4.8	0.0
05/03/2024 16:00	2.9	2	35	5.5	0.0
05/03/2024 16:10	2.9	2	34	5.0	0.0
05/03/2024 16:20	3.1	17	31	5.2	0.0
05/03/2024 16:30	3.0	17	22	4.6	0.0
05/03/2024 16:40	3.0	11	26	4.8	0.0
05/03/2024 16:50	2.8	176	24	4.8	0.0
05/03/2024 17:00	2.6	174	28	4.2	0.0
05/03/2024 17:10	2.8	184	38	4.5	0.0
05/03/2024 17:20	3.0	337	27	4.9	0.0
05/03/2024 17:30	2.1	337	37	4.4	0.0
05/03/2024 17:40	2.4	347	33	3.8	0.0
05/03/2024 17:50	2.3	337	34	4.0	0.0
05/03/2024 18:00	2.8	345	36	4.8	0.0
05/03/2024 18:10	2.6	340	31	5.0	0.0
05/03/2024 18:20	2.3	351	31	4.0	0.0
05/03/2024 18:30	2.7	328	28	4.8	0.0
05/03/2024 18:40	2.6	331	26	4.4	0.0
05/03/2024 18:50	2.5	339	29	4.1	0.0
05/03/2024 19:00	1.9	297	38	3.6	0.0
05/03/2024 19:10	1.2	272	36	2.8	0.0
05/03/2024 19:20	1.4	295	34	2.7	0.0
05/03/2024 19:30	1.0	293	31	2.4	0.0
05/03/2024 19:40	0.4	292	27	1.6	0.0
05/03/2024 19:50	0.2	280	17	1.4	0.0
05/03/2024 20:00	0.9	273	24	2.0	0.0
05/03/2024 20:10	0.7	316	36	1.7	0.0
05/03/2024 20:20	1.1	338	22	2.0	0.0
05/03/2024 20:30	0.3	306	7	1.6	0.0
05/03/2024 20:40	0.0	336	0	0.4	0.0
05/03/2024 20:50	0.2	268	6	1.5	0.0
05/03/2024 21:00	1.5	247	16	2.9	0.0
05/03/2024 21:10	2.1	242	21	2.9	0.0
05/03/2024 21:20	2.0	239	14	3.2	0.0
05/03/2024 21:30	2.1	246	12	3.1	0.1
05/03/2024 21:40	2.1	249	20	3.0	1.2
05/03/2024 21:50	4.4	233	13	6.4	0.6
05/03/2024 22:00	2.6	258	28	4.3	4.9
05/03/2024 22:10	0.8	166	21	2.3	5.3
05/03/2024 22:20	1.5	269	58	2.5	2.9
05/03/2024 22:30	2.1	25	33	3.7	1.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/03/2024 22:40	1.8	34	22	3.2	0.2
05/03/2024 22:50	0.9	34	20	2.2	0.1
05/03/2024 23:00	1.6	356	30	2.8	0.0
05/03/2024 23:10	1.1	338	14	2.3	0.0
05/03/2024 23:20	0.3	355	13	1.6	0.0
05/03/2024 23:30					0.1
05/03/2024 23:40					0.1
05/03/2024 23:50	0.1	163	7	0.8	0.0
06/03/2024 00:00	0.1	141	7	0.7	0.0
06/03/2024 00:10	0.0	145	4	0.6	0.0
06/03/2024 00:20					0.0
06/03/2024 00:30	0.7	190	14	2.4	0.0
06/03/2024 00:40	0.6	203	12	1.9	0.2
06/03/2024 00:50	0.1	224	4	0.8	0.0
06/03/2024 01:00					0.0
06/03/2024 01:10	0.0	87	2	0.8	0.0
06/03/2024 01:20	0.3	107	13	1.6	0.3
06/03/2024 01:30	0.4	101	15	1.4	0.3
06/03/2024 01:40	0.4	84	15	1.4	0.1
06/03/2024 01:50	0.2	47	17	1.2	0.0
06/03/2024 02:00	0.0	178	3	0.5	0.0
06/03/2024 02:10	0.0	339	0	0.4	0.0
06/03/2024 02:20	0.1	342	5	0.8	0.0
06/03/2024 02:30	0.0	329	0	0.4	0.0
06/03/2024 02:40	0.0	342	0	0.4	0.0
06/03/2024 02:50	0.0	218	0	0.4	0.0
06/03/2024 03:00					0.0
06/03/2024 03:10					0.0
06/03/2024 03:20	0.0	234	0	0.4	0.0
06/03/2024 03:30					0.0
06/03/2024 03:40					0.0
06/03/2024 03:50					0.0
06/03/2024 04:00					0.0
06/03/2024 04:10					0.0
06/03/2024 04:20					0.0
06/03/2024 04:30					0.0
06/03/2024 04:40					0.0
06/03/2024 04:50					0.0
06/03/2024 05:00					0.1
06/03/2024 05:10					0.0
06/03/2024 05:20					0.0
06/03/2024 05:30					0.0
06/03/2024 05:40					0.0
06/03/2024 05:50					0.0
06/03/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 06:10					0.0
06/03/2024 06:20					0.0
06/03/2024 06:30					0.0
06/03/2024 06:40					0.0
06/03/2024 06:50					0.0
06/03/2024 07:00					0.0
06/03/2024 07:10					0.0
06/03/2024 07:20					0.0
06/03/2024 07:30					0.0
06/03/2024 07:40					0.0
06/03/2024 07:50	0.1	128	4	1.2	0.0
06/03/2024 08:00	0.2	115	14	1.2	0.0
06/03/2024 08:10	0.2	118	9	1.8	0.0
06/03/2024 08:20	0.2	122	9	1.4	0.0
06/03/2024 08:30	0.2	136	7	1.6	0.0
06/03/2024 08:40	0.3	137	10	2.2	0.0
06/03/2024 08:50	0.5	137	15	2.0	0.0
06/03/2024 09:00	0.2	129	8	1.7	0.0
06/03/2024 09:10	0.1	173	5	1.7	0.0
06/03/2024 09:20	0.1	150	15	1.9	0.0
06/03/2024 09:30					0.0
06/03/2024 09:40					0.0
06/03/2024 09:50					0.0
06/03/2024 10:00	0.0	298	2	0.8	0.0
06/03/2024 10:10	0.3	339	15	1.7	0.0
06/03/2024 10:20	0.0	262	1	0.4	0.0
06/03/2024 10:30					0.0
06/03/2024 10:40					0.0
06/03/2024 10:50	0.1	74	7	1.2	0.0
06/03/2024 11:00					0.0
06/03/2024 11:10	0.0	114	6	1.0	0.0
06/03/2024 11:20	0.3	100	7	2.2	0.0
06/03/2024 11:30	0.4	220	16	2.7	0.0
06/03/2024 11:40	0.4	330	12	2.0	0.0
06/03/2024 11:50	0.2	359	9	1.6	0.0
06/03/2024 12:00	0.7	174	16	2.5	0.0
06/03/2024 12:10	1.8	336	26	3.4	0.0
06/03/2024 12:20	1.9	315	28	3.8	0.0
06/03/2024 12:30	1.4	327	34	3.1	0.0
06/03/2024 12:40	1.8	176	26	3.6	0.0
06/03/2024 12:50	1.9	336	28	4.2	0.0
06/03/2024 13:00	1.9	169	26	4.0	0.0
06/03/2024 13:10	1.6	180	24	3.7	0.0
06/03/2024 13:20	1.5	186	24	3.8	0.0
06/03/2024 13:30	1.4	176	32	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 13:40	1.5	8	24	3.3	0.0
06/03/2024 13:50	1.3	12	23	3.6	0.0
06/03/2024 14:00	1.5	191	31	3.3	0.0
06/03/2024 14:10	1.1	23	26	3.4	0.0
06/03/2024 14:20	1.4	201	25	3.3	0.0
06/03/2024 14:30	1.7	13	30	4.0	0.0
06/03/2024 14:40	2.0	187	28	4.1	0.0
06/03/2024 14:50	1.8	180	25	3.2	0.0
06/03/2024 15:00	1.5	348	28	2.9	0.0
06/03/2024 15:10	1.4	15	30	2.9	0.0
06/03/2024 15:20	0.9	17	25	2.7	0.0
06/03/2024 15:30	1.4	13	35	3.6	0.0
06/03/2024 15:40	1.6	180	28	3.5	0.0
06/03/2024 15:50	2.0	7	24	4.0	0.0
06/03/2024 16:00	1.7	19	26	4.0	0.0
06/03/2024 16:10	1.4	183	25	3.6	0.0
06/03/2024 16:20	1.4	180	27	3.6	0.0
06/03/2024 16:30	1.3	184	27	3.8	0.0
06/03/2024 16:40	1.2	5	28	3.3	0.0
06/03/2024 16:50	1.8	176	28	3.9	0.0
06/03/2024 17:00	1.5	356	30	3.6	0.0
06/03/2024 17:10	1.1	350	29	3.6	0.0
06/03/2024 17:20	1.1	14	24	3.4	0.0
06/03/2024 17:30	1.5	4	26	3.7	0.0
06/03/2024 17:40	1.8	10	21	4.2	0.0
06/03/2024 17:50	1.6	10	25	4.0	0.0
06/03/2024 18:00	1.0	182	25	2.8	0.0
06/03/2024 18:10	1.4	12	22	3.4	0.0
06/03/2024 18:20	0.9	187	23	2.9	0.0
06/03/2024 18:30	1.2	181	28	2.8	0.0
06/03/2024 18:40	0.8	12	23	2.8	0.0
06/03/2024 18:50	0.7	337	17	2.1	0.0
06/03/2024 19:00	1.4	338	25	3.4	0.0
06/03/2024 19:10	0.9	352	20	3.2	0.0
06/03/2024 19:20	1.5	339	24	3.6	0.0
06/03/2024 19:30	1.0	358	27	2.8	0.0
06/03/2024 19:40	0.9	186	24	2.3	0.0
06/03/2024 19:50	0.1	354	6	1.0	0.0
06/03/2024 20:00	0.7	184	22	2.3	0.0
06/03/2024 20:10	0.6	333	19	2.7	0.0
06/03/2024 20:20	0.8	176	21	2.6	0.0
06/03/2024 20:30	1.0	16	19	3.0	0.0
06/03/2024 20:40	0.5	178	17	2.2	0.0
06/03/2024 20:50	0.2	355	9	1.6	0.0
06/03/2024 21:00	1.0	325	21	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/03/2024 21:10	0.6	358	19	2.8	0.0
06/03/2024 21:20	0.2	337	8	2.4	0.0
06/03/2024 21:30	0.1	350	9	1.2	0.0
06/03/2024 21:40	0.1	348	5	0.8	0.0
06/03/2024 21:50	0.1	307	5	1.1	0.0
06/03/2024 22:00					0.0
06/03/2024 22:10	0.1	330	2	1.7	0.0
06/03/2024 22:20	0.1	265	4	0.9	0.0
06/03/2024 22:30					0.0
06/03/2024 22:40	0.1	253	4	0.9	0.0
06/03/2024 22:50	0.1	246	3	0.8	0.0
06/03/2024 23:00	0.0	231	0	0.4	0.0
06/03/2024 23:10	0.0	247	7	0.6	0.0
06/03/2024 23:20					0.0
06/03/2024 23:30					0.0
06/03/2024 23:40					0.0
06/03/2024 23:50					0.0
07/03/2024 00:00					0.0
07/03/2024 00:10					0.0
07/03/2024 00:20					0.0
07/03/2024 00:30					0.0
07/03/2024 00:40					0.0
07/03/2024 00:50					0.0
07/03/2024 01:00					0.0
07/03/2024 01:10					0.0
07/03/2024 01:20					0.0
07/03/2024 01:30					0.0
07/03/2024 01:40					0.0
07/03/2024 01:50					0.0
07/03/2024 02:00					0.0
07/03/2024 02:10					0.0
07/03/2024 02:20					0.0
07/03/2024 02:30					0.0
07/03/2024 02:40					0.0
07/03/2024 02:50					0.0
07/03/2024 03:00					0.0
07/03/2024 03:10					0.0
07/03/2024 03:20					0.0
07/03/2024 03:30					0.0
07/03/2024 03:40					0.0
07/03/2024 03:50					0.0
07/03/2024 04:00					0.0
07/03/2024 04:10					0.0
07/03/2024 04:20					0.0
07/03/2024 04:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 04:40					0.0
07/03/2024 04:50					0.0
07/03/2024 05:00					0.0
07/03/2024 05:10					0.0
07/03/2024 05:20					0.0
07/03/2024 05:30	0.2	189	6	1.1	0.0
07/03/2024 05:40	0.5	189	8	2.1	0.0
07/03/2024 05:50	0.1	167	6	1.2	0.0
07/03/2024 06:00					0.0
07/03/2024 06:10					0.0
07/03/2024 06:20					0.0
07/03/2024 06:30					0.0
07/03/2024 06:40					0.0
07/03/2024 06:50					0.0
07/03/2024 07:00					0.0
07/03/2024 07:10					0.0
07/03/2024 07:20					0.0
07/03/2024 07:30					0.0
07/03/2024 07:40					0.0
07/03/2024 07:50	0.0	88	0	0.4	0.0
07/03/2024 08:00	0.1	145	6	1.1	0.0
07/03/2024 08:10	0.1	160	11	1.6	0.0
07/03/2024 08:20	0.1	130	4	1.3	0.0
07/03/2024 08:30	0.1	154	2	1.9	0.0
07/03/2024 08:40	0.1	140	3	1.3	0.0
07/03/2024 08:50	0.2	106	7	1.6	0.0
07/03/2024 09:00	0.6	112	17	2.0	0.0
07/03/2024 09:10	0.3	119	10	2.2	0.0
07/03/2024 09:20	0.5	117	15	2.4	0.0
07/03/2024 09:30	0.4	121	13	2.2	0.0
07/03/2024 09:40	0.6	115	15	2.6	0.0
07/03/2024 09:50	0.9	99	18	2.7	0.0
07/03/2024 10:00	0.3	103	14	2.0	0.0
07/03/2024 10:10	0.7	162	18	2.8	0.0
07/03/2024 10:20	0.3	117	15	2.3	0.0
07/03/2024 10:30	0.2	120	17	1.7	0.0
07/03/2024 10:40	0.5	103	12	2.6	0.0
07/03/2024 10:50	0.6	114	18	2.8	0.0
07/03/2024 11:00	0.5	116	18	2.3	0.0
07/03/2024 11:10	0.4	114	20	2.0	0.0
07/03/2024 11:20	1.0	98	18	3.3	0.0
07/03/2024 11:30	1.5	62	25	3.6	0.0
07/03/2024 11:40	1.3	60	18	3.3	0.0
07/03/2024 11:50	1.7	64	20	3.4	0.0
07/03/2024 12:00	1.7	63	20	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 12:10	2.2	67	22	4.1	0.0
07/03/2024 12:20	2.8	54	21	5.0	0.0
07/03/2024 12:30	3.0	57	23	5.2	0.0
07/03/2024 12:40	2.9	55	20	5.1	0.0
07/03/2024 12:50	2.7	60	18	5.0	0.0
07/03/2024 13:00	2.5	68	21	4.6	0.0
07/03/2024 13:10	2.4	59	26	4.6	0.0
07/03/2024 13:20	1.9	63	23	4.0	0.0
07/03/2024 13:30	1.1	51	18	3.1	0.0
07/03/2024 13:40	1.7	63	18	3.3	0.0
07/03/2024 13:50	1.8	183	29	3.9	0.0
07/03/2024 14:00	1.3	178	42	4.0	0.0
07/03/2024 14:10	1.1	25	36	3.2	0.0
07/03/2024 14:20	0.3	346	15	2.8	0.0
07/03/2024 14:30	0.7	168	21	3.0	0.0
07/03/2024 14:40	0.6	2	16	3.4	0.0
07/03/2024 14:50	0.9	7	19	3.4	0.0
07/03/2024 15:00	0.6	352	15	2.4	0.0
07/03/2024 15:10	0.9	6	17	3.6	0.0
07/03/2024 15:20	1.1	9	20	3.9	0.0
07/03/2024 15:30	1.1	10	20	3.6	0.0
07/03/2024 15:40	1.2	186	21	4.4	0.0
07/03/2024 15:50	1.6	6	25	4.2	0.0
07/03/2024 16:00	1.7	7	24	4.3	0.0
07/03/2024 16:10	1.5	10	26	4.7	0.0
07/03/2024 16:20	1.4	167	24	4.3	0.0
07/03/2024 16:30	2.6	318	24	5.2	0.0
07/03/2024 16:40	2.6	329	27	5.2	0.0
07/03/2024 16:50	2.9	346	26	5.2	0.0
07/03/2024 17:00	2.1	339	27	4.9	0.0
07/03/2024 17:10	2.2	344	27	4.7	0.0
07/03/2024 17:20	2.1	328	27	4.3	0.0
07/03/2024 17:30	2.1	331	25	4.5	0.0
07/03/2024 17:40	2.5	320	26	5.0	0.0
07/03/2024 17:50	1.6	314	33	4.3	0.0
07/03/2024 18:00	1.6	313	29	4.4	0.0
07/03/2024 18:10	1.4	314	28	3.7	0.0
07/03/2024 18:20	1.4	305	30	4.1	0.0
07/03/2024 18:30	1.5	290	34	4.3	0.0
07/03/2024 18:40	1.0	284	32	3.2	0.0
07/03/2024 18:50	1.1	304	34	3.3	0.0
07/03/2024 19:00	1.9	264	33	4.8	0.0
07/03/2024 19:10	0.9	274	28	2.8	0.0
07/03/2024 19:20	2.5	254	17	4.9	0.0
07/03/2024 19:30	1.6	267	23	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/03/2024 19:40	2.3	261	23	4.2	0.0
07/03/2024 19:50	1.5	259	21	3.6	0.0
07/03/2024 20:00	1.7	254	21	3.8	0.0
07/03/2024 20:10	2.1	253	17	4.0	0.0
07/03/2024 20:20	1.7	255	17	3.4	0.0
07/03/2024 20:30	1.0	265	20	2.7	0.0
07/03/2024 20:40	1.3	257	23	3.0	0.0
07/03/2024 20:50	1.3	260	23	3.1	0.0
07/03/2024 21:00	1.8	251	17	3.4	0.0
07/03/2024 21:10	1.7	255	21	4.0	0.0
07/03/2024 21:20	1.1	289	31	2.6	0.0
07/03/2024 21:30	1.2	271	27	3.1	0.0
07/03/2024 21:40	0.9	265	23	2.8	0.0
07/03/2024 21:50	1.2	251	20	3.2	0.0
07/03/2024 22:00	2.5	245	16	4.1	0.0
07/03/2024 22:10	2.3	245	17	4.0	0.0
07/03/2024 22:20	2.4	244	17	4.4	0.0
07/03/2024 22:30	2.7	248	16	4.0	0.0
07/03/2024 22:40	2.7	248	16	3.8	0.0
07/03/2024 22:50	2.6	249	16	4.2	0.0
07/03/2024 23:00	2.6	250	16	4.0	0.0
07/03/2024 23:10	2.5	247	16	4.0	0.0
07/03/2024 23:20	1.3	251	14	2.8	0.0
07/03/2024 23:30	1.5	254	13	3.4	0.0
07/03/2024 23:40	1.6	256	19	2.5	0.0
07/03/2024 23:50	1.4	261	18	3.2	0.0
08/03/2024 00:00	1.8	258	18	3.5	0.0
08/03/2024 00:10	2.1	250	16	3.7	0.0
08/03/2024 00:20	2.3	243	18	3.6	0.0
08/03/2024 00:30	2.2	244	17	3.7	0.0
08/03/2024 00:40	2.2	242	15	3.2	0.0
08/03/2024 00:50	2.2	243	18	3.7	0.0
08/03/2024 01:00	2.7	237	18	4.5	0.0
08/03/2024 01:10	2.5	240	20	4.0	0.0
08/03/2024 01:20	2.9	237	18	4.9	0.0
08/03/2024 01:30	2.7	234	18	4.3	0.0
08/03/2024 01:40	1.8	233	18	3.6	0.0
08/03/2024 01:50	0.9	237	13	3.0	0.0
08/03/2024 02:00	1.2	225	11	3.0	0.0
08/03/2024 02:10	0.7	224	11	2.4	0.0
08/03/2024 02:20	1.9	229	15	3.2	0.0
08/03/2024 02:30	2.4	237	18	3.7	0.0
08/03/2024 02:40	2.5	236	14	4.1	0.0
08/03/2024 02:50	2.5	236	17	3.6	0.0
08/03/2024 03:00	1.6	233	15	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 03:10	1.3	237	14	3.2	0.0
08/03/2024 03:20	1.6	236	12	3.4	0.0
08/03/2024 03:30	1.5	232	15	3.8	0.0
08/03/2024 03:40	2.1	237	14	4.1	0.0
08/03/2024 03:50	2.2	238	18	4.2	0.0
08/03/2024 04:00	3.1	232	17	4.7	0.0
08/03/2024 04:10	2.0	228	19	3.6	0.0
08/03/2024 04:20	1.8	233	13	3.6	0.0
08/03/2024 04:30	0.5	234	9	2.2	0.0
08/03/2024 04:40	0.3	249	7	2.0	0.0
08/03/2024 04:50					0.0
08/03/2024 05:00					0.0
08/03/2024 05:10					0.0
08/03/2024 05:20					0.0
08/03/2024 05:30	0.0	248	3	0.6	0.0
08/03/2024 05:40	0.5	234	10	2.4	0.0
08/03/2024 05:50	0.8	234	12	2.3	0.0
08/03/2024 06:00	1.2	239	12	2.8	0.0
08/03/2024 06:10	2.2	235	17	3.7	0.0
08/03/2024 06:20	2.3	237	18	3.5	0.0
08/03/2024 06:30	2.0	230	16	3.2	0.0
08/03/2024 06:40	2.1	235	16	2.9	0.0
08/03/2024 06:50	1.8	239	15	3.1	0.0
08/03/2024 07:00	0.5	239	9	2.2	0.0
08/03/2024 07:10	0.5	245	10	2.0	0.0
08/03/2024 07:20	0.6	229	11	2.4	0.0
08/03/2024 07:30	1.6	221	13	3.3	0.0
08/03/2024 07:40	1.5	222	13	3.5	0.0
08/03/2024 07:50	1.8	237	19	3.6	0.0
08/03/2024 08:00	2.0	220	15	3.5	0.0
08/03/2024 08:10	1.8	223	14	3.7	0.0
08/03/2024 08:20	1.6	217	16	3.6	0.0
08/03/2024 08:30	1.5	230	22	3.0	0.0
08/03/2024 08:40	1.7	218	18	3.8	0.0
08/03/2024 08:50	1.8	215	18	4.4	0.0
08/03/2024 09:00	2.8	205	17	4.9	0.0
08/03/2024 09:10	2.7	219	18	4.8	0.0
08/03/2024 09:20	2.3	195	23	4.4	0.0
08/03/2024 09:30	1.5	218	20	4.0	0.0
08/03/2024 09:40	1.8	232	20	3.6	0.0
08/03/2024 09:50	1.8	237	25	3.8	0.0
08/03/2024 10:00	1.1	216	19	3.2	0.0
08/03/2024 10:10	1.0	215	17	3.4	0.0
08/03/2024 10:20	1.0	236	18	3.4	0.0
08/03/2024 10:30	1.7	249	22	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 10:40	1.2	239	19	2.9	0.0
08/03/2024 10:50	1.3	266	30	3.6	0.0
08/03/2024 11:00	1.5	303	26	4.0	0.0
08/03/2024 11:10	0.7	265	18	3.0	0.0
08/03/2024 11:20	0.8	286	21	3.1	0.0
08/03/2024 11:30	0.9	284	25	3.6	0.0
08/03/2024 11:40	1.4	331	35	4.0	0.0
08/03/2024 11:50	1.7	325	28	3.7	0.0
08/03/2024 12:00	2.4	322	27	4.0	0.0
08/03/2024 12:10	1.3	325	23	4.5	0.0
08/03/2024 12:20	2.2	325	28	5.1	0.0
08/03/2024 12:30	1.9	324	27	4.1	0.0
08/03/2024 12:40	2.3	308	37	4.4	0.0
08/03/2024 12:50	2.7	332	25	4.8	0.0
08/03/2024 13:00	2.6	318	37	4.4	0.0
08/03/2024 13:10	2.9	329	32	5.2	0.0
08/03/2024 13:20	2.6	324	39	4.6	0.0
08/03/2024 13:30	2.9	305	33	4.7	0.0
08/03/2024 13:40	3.7	323	29	5.6	0.0
08/03/2024 13:50	2.9	313	34	5.2	0.0
08/03/2024 14:00	2.9	303	44	5.2	0.0
08/03/2024 14:10	3.1	313	33	5.4	0.0
08/03/2024 14:20	3.1	310	41	5.4	0.0
08/03/2024 14:30	3.1	306	44	5.5	0.0
08/03/2024 14:40	3.0	308	35	5.6	0.0
08/03/2024 14:50	3.3	308	34	5.7	0.0
08/03/2024 15:00	3.2	313	38	5.9	0.0
08/03/2024 15:10	3.2	314	38	5.8	0.0
08/03/2024 15:20	3.4	311	37	5.5	0.0
08/03/2024 15:30	3.2	314	41	5.9	0.0
08/03/2024 15:40	3.3	319	33	5.9	0.0
08/03/2024 15:50	3.9	318	24	6.4	0.0
08/03/2024 16:00	3.3	316	34	5.8	0.0
08/03/2024 16:10	2.8	312	42	5.4	0.0
08/03/2024 16:20	2.6	305	37	5.2	0.0
08/03/2024 16:30	2.5	303	42	5.0	0.0
08/03/2024 16:40	2.9	313	37	6.0	0.0
08/03/2024 16:50	2.5	303	43	5.5	0.0
08/03/2024 17:00	3.0	290	42	5.6	0.0
08/03/2024 17:10	2.9	313	35	5.2	0.0
08/03/2024 17:20	3.3	310	28	5.8	0.0
08/03/2024 17:30	2.7	290	44	5.6	0.0
08/03/2024 17:40	2.6	296	39	4.8	0.0
08/03/2024 17:50	3.4	317	26	5.8	0.0
08/03/2024 18:00	2.7	290	37	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/03/2024 18:10	2.2	273	38	4.4	0.0
08/03/2024 18:20	3.0	272	33	5.5	0.0
08/03/2024 18:30	2.3	279	42	4.5	0.0
08/03/2024 18:40	2.6	283	34	4.8	0.0
08/03/2024 18:50	2.1	273	37	4.3	0.0
08/03/2024 19:00	3.0	260	22	5.3	0.0
08/03/2024 19:10	3.1	255	23	5.4	0.0
08/03/2024 19:20	2.4	265	32	4.4	0.0
08/03/2024 19:30	1.8	265	36	4.0	0.0
08/03/2024 19:40	2.2	270	33	4.8	0.0
08/03/2024 19:50	2.5	259	23	4.8	0.0
08/03/2024 20:00	2.6	259	27	4.2	0.0
08/03/2024 20:10	2.0	263	25	4.4	0.0
08/03/2024 20:20	2.7	249	21	4.3	0.0
08/03/2024 20:30	3.5	242	16	6.2	0.0
08/03/2024 20:40	3.0	254	13	4.7	0.0
08/03/2024 20:50	2.5	259	21	3.8	0.0
08/03/2024 21:00	3.6	251	19	5.4	0.0
08/03/2024 21:10	3.8	252	18	5.2	0.0
08/03/2024 21:20	3.4	255	19	5.5	0.0
08/03/2024 21:30	3.9	252	18	5.6	0.0
08/03/2024 21:40	3.0	257	18	5.2	0.0
08/03/2024 21:50	2.8	252	21	5.1	0.0
08/03/2024 22:00	2.7	259	20	4.3	0.0
08/03/2024 22:10	3.6	248	16	5.3	0.0
08/03/2024 22:20	3.5	255	18	5.3	0.0
08/03/2024 22:30	3.7	251	17	6.2	0.0
08/03/2024 22:40	3.0	259	20	5.2	0.0
08/03/2024 22:50	3.6	250	16	5.5	0.0
08/03/2024 23:00	3.2	257	17	5.6	0.0
08/03/2024 23:10	3.8	257	15	5.6	0.0
08/03/2024 23:20	3.5	254	17	6.0	0.0
08/03/2024 23:30	3.6	254	18	6.0	0.0
08/03/2024 23:40	3.0	253	22	4.8	0.0
08/03/2024 23:50	3.0	253	17	5.0	0.0
09/03/2024 00:00	3.4	260	19	5.2	0.0
09/03/2024 00:10	3.8	258	18	5.9	0.0
09/03/2024 00:20	3.7	260	19	6.3	0.0
09/03/2024 00:30	3.4	258	18	5.7	0.0
09/03/2024 00:40	4.0	252	17	6.0	0.0
09/03/2024 00:50	3.6	250	16	5.7	0.0
09/03/2024 01:00	3.3	247	20	6.0	0.0
09/03/2024 01:10	3.8	254	18	5.8	0.0
09/03/2024 01:20	3.6	258	16	5.4	0.0
09/03/2024 01:30	3.4	256	16	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 01:40	3.3	256	18	6.0	0.0
09/03/2024 01:50	3.4	259	20	5.7	0.0
09/03/2024 02:00	3.7	262	18	6.0	0.0
09/03/2024 02:10	3.8	255	17	6.0	0.0
09/03/2024 02:20	3.7	256	17	5.8	0.0
09/03/2024 02:30	3.7	261	19	5.6	0.0
09/03/2024 02:40	4.0	258	17	5.9	0.0
09/03/2024 02:50	3.6	257	16	6.0	0.0
09/03/2024 03:00	3.8	257	19	6.1	0.0
09/03/2024 03:10	3.8	259	15	5.0	0.0
09/03/2024 03:20	3.5	261	17	5.2	0.0
09/03/2024 03:30	3.8	258	18	5.7	0.0
09/03/2024 03:40	3.6	255	19	5.6	0.0
09/03/2024 03:50	3.4	257	18	5.4	0.0
09/03/2024 04:00	3.0	263	17	5.1	0.0
09/03/2024 04:10	3.3	258	19	5.0	0.0
09/03/2024 04:20	3.5	254	14	5.0	0.0
09/03/2024 04:30	3.2	258	17	4.9	0.0
09/03/2024 04:40	3.6	255	16	5.8	0.0
09/03/2024 04:50	2.4	260	19	4.4	0.0
09/03/2024 05:00	2.5	256	16	4.5	0.0
09/03/2024 05:10	3.4	253	16	5.4	0.0
09/03/2024 05:20	3.2	249	15	6.1	0.0
09/03/2024 05:30	2.8	251	18	5.0	0.0
09/03/2024 05:40	2.6	249	18	4.7	0.0
09/03/2024 05:50	1.9	239	18	4.2	0.0
09/03/2024 06:00	2.2	237	16	4.6	0.0
09/03/2024 06:10	2.4	239	15	3.9	0.0
09/03/2024 06:20	2.1	237	16	3.4	0.0
09/03/2024 06:30	2.0	234	16	3.4	0.0
09/03/2024 06:40	2.2	239	18	3.5	0.0
09/03/2024 06:50	2.3	251	16	3.7	0.0
09/03/2024 07:00	2.6	240	19	4.0	0.0
09/03/2024 07:10	2.7	237	18	4.3	0.0
09/03/2024 07:20	3.4	242	16	5.2	0.0
09/03/2024 07:30	3.2	244	17	5.0	0.0
09/03/2024 07:40	3.5	239	18	5.8	0.0
09/03/2024 07:50	3.6	252	14	5.0	0.0
09/03/2024 08:00	3.3	245	17	4.7	0.0
09/03/2024 08:10	3.1	249	18	4.8	0.0
09/03/2024 08:20	3.0	252	14	4.4	0.0
09/03/2024 08:30	3.1	251	17	4.6	0.0
09/03/2024 08:40	3.3	251	16	4.7	0.0
09/03/2024 08:50	3.4	250	15	4.9	0.0
09/03/2024 09:00	3.6	249	17	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 09:10	3.9	253	15	5.6	0.0
09/03/2024 09:20	3.7	244	16	5.2	0.0
09/03/2024 09:30	3.4	251	17	5.2	0.0
09/03/2024 09:40	3.2	251	17	4.6	0.0
09/03/2024 09:50	2.9	257	18	4.6	0.0
09/03/2024 10:00	2.3	265	27	4.5	0.0
09/03/2024 10:10	2.9	254	17	4.5	0.0
09/03/2024 10:20	3.1	249	22	4.8	0.0
09/03/2024 10:30	3.3	251	17	5.2	0.0
09/03/2024 10:40	3.0	256	20	5.0	0.0
09/03/2024 10:50	3.1	252	19	4.8	0.0
09/03/2024 11:00	3.4	251	19	5.0	0.0
09/03/2024 11:10	2.7	253	19	4.3	0.0
09/03/2024 11:20	3.0	242	17	4.4	0.0
09/03/2024 11:30	3.2	240	18	4.8	0.0
09/03/2024 11:40	3.1	246	19	5.0	0.0
09/03/2024 11:50	3.2	245	17	4.8	0.0
09/03/2024 12:00	2.9	256	21	4.7	0.0
09/03/2024 12:10	2.1	260	21	4.7	0.0
09/03/2024 12:20	1.8	282	36	3.6	0.0
09/03/2024 12:30	2.1	306	40	4.4	0.0
09/03/2024 12:40	1.9	311	27	4.6	0.0
09/03/2024 12:50	2.7	321	29	4.8	0.0
09/03/2024 13:00	2.5	305	36	5.6	0.0
09/03/2024 13:10	2.7	316	31	6.4	0.0
09/03/2024 13:20	2.6	296	37	5.3	0.0
09/03/2024 13:30	1.1	315	35	3.2	0.0
09/03/2024 13:40	2.4	299	38	4.4	0.0
09/03/2024 13:50	1.7	303	38	4.3	0.0
09/03/2024 14:00	2.8	310	36	4.8	0.0
09/03/2024 14:10	2.1	304	40	4.6	0.0
09/03/2024 14:20	3.2	328	30	6.3	0.0
09/03/2024 14:30	2.7	324	27	5.2	0.0
09/03/2024 14:40	3.2	310	33	6.2	0.0
09/03/2024 14:50	2.9	312	40	4.9	0.0
09/03/2024 15:00	3.1	295	42	5.6	0.0
09/03/2024 15:10	2.9	304	37	6.2	0.0
09/03/2024 15:20	2.8	299	36	4.9	0.0
09/03/2024 15:30	2.8	271	40	4.9	0.0
09/03/2024 15:40	2.7	303	36	4.5	0.0
09/03/2024 15:50	2.8	323	34	5.2	0.0
09/03/2024 16:00	1.9	288	43	4.4	0.0
09/03/2024 16:10	2.4	287	49	4.3	0.0
09/03/2024 16:20	2.5	302	34	5.1	0.0
09/03/2024 16:30	3.0	322	29	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/03/2024 16:40	2.8	313	40	5.0	0.0
09/03/2024 16:50	2.6	289	38	4.9	0.0
09/03/2024 17:00	2.8	308	28	5.2	0.0
09/03/2024 17:10	2.7	293	32	5.2	0.0
09/03/2024 17:20	2.9	311	33	5.5	0.0
09/03/2024 17:30	2.4	303	34	4.8	0.0
09/03/2024 17:40	2.5	285	35	5.0	0.0
09/03/2024 17:50	2.2	299	47	4.4	0.0
09/03/2024 18:00	2.2	280	35	4.0	0.0
09/03/2024 18:10	2.9	261	18	4.6	0.0
09/03/2024 18:20	3.4	257	17	5.6	0.0
09/03/2024 18:30	3.6	247	17	6.7	0.0
09/03/2024 18:40	4.3	245	17	6.0	0.0
09/03/2024 18:50	4.3	247	14	6.1	0.0
09/03/2024 19:00	4.6	245	14	6.8	0.0
09/03/2024 19:10	4.5	256	17	7.1	0.0
09/03/2024 19:20	4.3	255	17	6.0	0.0
09/03/2024 19:30	4.1	253	16	6.4	0.0
09/03/2024 19:40	4.0	258	19	5.7	0.0
09/03/2024 19:50	4.1	252	14	6.1	0.0
09/03/2024 20:00	3.9	256	17	5.7	0.0
09/03/2024 20:10	3.4	261	20	5.6	0.0
09/03/2024 20:20	3.3	259	19	5.5	0.0
09/03/2024 20:30	3.2	258	19	5.1	0.0
09/03/2024 20:40	3.6	257	15	5.2	0.0
09/03/2024 20:50	3.6	260	16	5.1	0.0
09/03/2024 21:00	3.6	260	15	5.1	0.0
09/03/2024 21:10	3.5	261	18	5.2	0.0
09/03/2024 21:20	3.5	260	16	5.3	0.0
09/03/2024 21:30	3.3	256	16	5.3	0.0
09/03/2024 21:40	3.8	259	16	6.2	0.0
09/03/2024 21:50	3.7	256	17	5.9	0.0
09/03/2024 22:00	4.1	256	15	6.2	0.0
09/03/2024 22:10	4.0	259	20	6.0	0.0
09/03/2024 22:20	3.9	257	15	6.3	0.0
09/03/2024 22:30	3.9	259	18	6.0	0.0
09/03/2024 22:40	3.4	258	16	5.2	0.0
09/03/2024 22:50	3.8	258	17	6.2	0.0
09/03/2024 23:00	3.5	256	17	6.0	0.0
09/03/2024 23:10	3.6	254	17	5.3	0.0
09/03/2024 23:20	3.4	256	17	4.8	0.0
09/03/2024 23:30	3.7	256	16	6.0	0.0
09/03/2024 23:40	3.4	256	16	5.2	0.0
09/03/2024 23:50	3.9	259	16	6.0	0.0
10/03/2024 00:00	3.9	253	14	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 00:10	3.7	256	16	5.8	0.0
10/03/2024 00:20	3.4	263	19	5.2	0.0
10/03/2024 00:30	4.2	257	15	5.7	0.0
10/03/2024 00:40	4.0	254	16	5.7	0.0
10/03/2024 00:50	4.1	259	17	6.4	0.0
10/03/2024 01:00	3.7	259	18	6.1	0.0
10/03/2024 01:10	4.3	257	15	6.4	0.0
10/03/2024 01:20	4.3	260	16	6.9	0.0
10/03/2024 01:30	3.5	262	18	5.6	0.0
10/03/2024 01:40	4.0	261	15	6.2	0.0
10/03/2024 01:50	3.9	257	18	6.8	0.0
10/03/2024 02:00	3.8	257	21	6.0	0.0
10/03/2024 02:10	4.3	253	14	6.1	0.0
10/03/2024 02:20	4.5	254	17	6.6	0.0
10/03/2024 02:30	4.1	253	17	6.1	0.0
10/03/2024 02:40	3.3	259	17	5.2	0.0
10/03/2024 02:50	3.7	257	16	5.4	0.0
10/03/2024 03:00	3.4	261	20	5.5	0.0
10/03/2024 03:10	3.1	261	15	4.8	0.0
10/03/2024 03:20	3.1	257	17	4.7	0.0
10/03/2024 03:30	2.6	262	15	4.1	0.0
10/03/2024 03:40	2.9	260	16	4.6	0.0
10/03/2024 03:50	2.8	255	16	4.4	0.0
10/03/2024 04:00	3.0	261	15	4.4	0.0
10/03/2024 04:10	2.8	255	16	4.2	0.0
10/03/2024 04:20	2.2	256	16	3.8	0.0
10/03/2024 04:30	1.7	263	15	2.7	0.0
10/03/2024 04:40	1.2	266	15	2.4	0.0
10/03/2024 04:50	0.7	248	12	2.0	0.0
10/03/2024 05:00	1.7	262	14	2.7	0.0
10/03/2024 05:10	1.8	261	15	2.9	0.0
10/03/2024 05:20	1.6	255	13	2.8	0.0
10/03/2024 05:30	1.0	258	15	1.9	0.0
10/03/2024 05:40	1.2	254	14	2.3	0.0
10/03/2024 05:50	1.1	261	13	2.3	0.0
10/03/2024 06:00	1.4	260	17	2.4	0.0
10/03/2024 06:10	1.6	249	16	2.8	0.0
10/03/2024 06:20	1.6	239	13	2.4	0.0
10/03/2024 06:30	0.7	237	9	1.9	0.0
10/03/2024 06:40	0.9	197	13	2.1	0.0
10/03/2024 06:50	0.7	196	15	2.0	0.0
10/03/2024 07:00	0.4	171	12	1.6	0.0
10/03/2024 07:10	0.3	138	16	0.9	0.0
10/03/2024 07:20	0.9	124	17	2.0	0.0
10/03/2024 07:30	1.3	135	23	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 07:40	1.7	131	27	3.5	0.0
10/03/2024 07:50	1.8	126	24	3.4	0.0
10/03/2024 08:00	2.3	127	24	4.2	0.0
10/03/2024 08:10	2.4	123	23	4.3	0.0
10/03/2024 08:20	2.3	119	31	3.9	0.0
10/03/2024 08:30	2.5	119	28	4.9	0.0
10/03/2024 08:40	2.6	116	23	4.3	0.0
10/03/2024 08:50	2.8	118	25	4.8	0.0
10/03/2024 09:00	2.6	102	24	4.7	0.0
10/03/2024 09:10	3.0	101	23	5.0	0.0
10/03/2024 09:20	2.8	106	25	4.8	0.0
10/03/2024 09:30	2.7	110	25	4.8	0.0
10/03/2024 09:40	2.9	90	19	4.6	0.0
10/03/2024 09:50	2.6	90	25	4.4	0.0
10/03/2024 10:00	2.9	93	23	4.7	0.0
10/03/2024 10:10	2.6	82	22	4.4	0.0
10/03/2024 10:20	3.1	86	21	5.0	0.0
10/03/2024 10:30	2.8	92	20	4.7	0.0
10/03/2024 10:40	2.8	87	25	4.8	0.0
10/03/2024 10:50	3.3	62	20	5.8	0.0
10/03/2024 11:00	3.2	57	20	5.8	0.0
10/03/2024 11:10	3.4	58	20	5.4	0.0
10/03/2024 11:20	3.5	64	18	5.3	0.0
10/03/2024 11:30	3.3	62	20	5.6	0.0
10/03/2024 11:40	3.3	68	20	5.0	0.0
10/03/2024 11:50	3.0	64	21	4.4	0.0
10/03/2024 12:00	2.8	64	21	5.1	0.0
10/03/2024 12:10	2.8	57	21	4.7	0.0
10/03/2024 12:20	3.2	51	19	5.1	0.0
10/03/2024 12:30	2.9	55	19	5.1	0.0
10/03/2024 12:40	2.9	58	21	5.0	0.0
10/03/2024 12:50	2.9	61	22	5.2	0.0
10/03/2024 13:00	2.8	68	22	4.4	0.0
10/03/2024 13:10	3.0	67	22	4.7	0.0
10/03/2024 13:20	3.1	68	20	4.7	0.0
10/03/2024 13:30	2.9	59	23	4.7	0.0
10/03/2024 13:40	2.9	63	18	5.4	0.0
10/03/2024 13:50	2.8	67	20	4.3	0.0
10/03/2024 14:00	2.7	65	18	4.7	0.0
10/03/2024 14:10	2.8	68	21	4.5	0.0
10/03/2024 14:20	2.8	64	18	4.2	0.0
10/03/2024 14:30	2.9	68	19	4.6	0.0
10/03/2024 14:40	2.6	63	24	4.1	0.0
10/03/2024 14:50	2.4	55	23	4.4	0.0
10/03/2024 15:00	2.2	11	32	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 15:10	2.4	8	25	4.1	0.0
10/03/2024 15:20	2.9	14	25	4.8	0.0
10/03/2024 15:30	3.1	15	28	5.0	0.0
10/03/2024 15:40	3.1	13	23	4.8	0.0
10/03/2024 15:50	2.3	175	41	4.8	0.0
10/03/2024 16:00	3.2	331	26	5.7	0.0
10/03/2024 16:10	3.0	331	34	5.8	0.0
10/03/2024 16:20	3.5	326	27	5.2	0.0
10/03/2024 16:30	2.8	311	32	5.2	0.0
10/03/2024 16:40	2.6	305	36	4.6	0.0
10/03/2024 16:50	2.9	318	28	5.3	0.0
10/03/2024 17:00	2.3	298	33	4.9	0.0
10/03/2024 17:10	2.7	260	24	4.6	0.0
10/03/2024 17:20	2.9	259	23	5.0	0.0
10/03/2024 17:30	2.1	264	26	4.0	0.0
10/03/2024 17:40	3.0	250	16	5.5	0.0
10/03/2024 17:50	4.3	250	16	6.1	0.0
10/03/2024 18:00	4.3	246	16	6.2	0.0
10/03/2024 18:10	4.2	251	16	6.0	0.0
10/03/2024 18:20	3.7	251	18	6.0	0.0
10/03/2024 18:30	3.4	247	17	5.1	0.0
10/03/2024 18:40	2.9	241	18	4.8	0.0
10/03/2024 18:50	2.6	244	18	3.7	0.0
10/03/2024 19:00	2.4	246	16	4.3	0.0
10/03/2024 19:10	1.0	251	14	2.6	0.0
10/03/2024 19:20	1.4	256	14	2.7	0.0
10/03/2024 19:30	0.9	259	14	2.1	0.0
10/03/2024 19:40	1.2	283	16	2.7	0.0
10/03/2024 19:50	0.1	267	8	1.6	0.0
10/03/2024 20:00	0.5	286	14	2.2	0.0
10/03/2024 20:10	0.6	281	20	2.5	0.0
10/03/2024 20:20	0.7	283	31	2.5	0.0
10/03/2024 20:30	1.4	305	31	3.6	0.0
10/03/2024 20:40	1.2	311	26	3.0	0.0
10/03/2024 20:50	1.1	298	23	3.4	0.0
10/03/2024 21:00	1.8	261	17	3.2	0.0
10/03/2024 21:10	1.7	272	20	3.2	0.0
10/03/2024 21:20	1.4	274	25	3.6	0.0
10/03/2024 21:30	2.1	262	22	3.9	0.0
10/03/2024 21:40	2.8	260	18	4.3	0.0
10/03/2024 21:50	2.8	257	17	4.8	0.0
10/03/2024 22:00	2.0	268	23	4.1	0.0
10/03/2024 22:10	1.8	268	25	3.6	0.0
10/03/2024 22:20	2.8	255	20	4.6	0.0
10/03/2024 22:30	3.5	256	17	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 22:40	3.5	258	15	4.9	0.0
10/03/2024 22:50	3.2	257	16	5.8	0.0
10/03/2024 23:00	3.6	257	18	5.2	0.0
10/03/2024 23:10	4.0	255	17	6.3	0.0
10/03/2024 23:20	3.5	259	15	5.1	0.0
10/03/2024 23:30	2.9	256	15	4.3	0.0
10/03/2024 23:40	3.1	257	14	4.8	0.0
10/03/2024 23:50	3.5	254	16	5.0	0.0
11/03/2024 00:00	3.2	254	17	4.6	0.0
11/03/2024 00:10	3.3	255	16	5.0	0.0
11/03/2024 00:20	2.9	254	16	4.8	0.0
11/03/2024 00:30	1.2	271	21	3.2	0.0
11/03/2024 00:40	2.3	260	19	3.4	0.0
11/03/2024 00:50	2.5	259	17	4.2	0.0
11/03/2024 01:00	2.4	254	15	3.6	0.0
11/03/2024 01:10	3.3	258	19	5.5	0.0
11/03/2024 01:20	3.1	251	17	5.1	0.0
11/03/2024 01:30	3.4	256	15	4.7	0.0
11/03/2024 01:40	3.2	255	15	4.9	0.0
11/03/2024 01:50	2.9	256	15	4.3	0.0
11/03/2024 02:00	2.5	255	13	4.2	0.0
11/03/2024 02:10	2.1	259	17	3.2	0.0
11/03/2024 02:20	2.5	260	17	4.0	0.0
11/03/2024 02:30	2.5	257	17	4.2	0.0
11/03/2024 02:40	3.6	254	13	5.6	0.0
11/03/2024 02:50	2.7	257	20	4.2	0.0
11/03/2024 03:00	2.5	255	15	3.8	0.0
11/03/2024 03:10	2.0	259	21	3.5	0.0
11/03/2024 03:20	2.3	256	15	3.5	0.0
11/03/2024 03:30	1.8	262	17	3.1	0.0
11/03/2024 03:40	2.3	257	14	3.6	0.0
11/03/2024 03:50	1.6	264	16	3.4	0.0
11/03/2024 04:00	1.9	261	17	3.1	0.0
11/03/2024 04:10	2.0	253	16	3.6	0.0
11/03/2024 04:20	2.3	249	15	3.4	0.0
11/03/2024 04:30	2.0	249	18	3.8	0.0
11/03/2024 04:40	2.2	259	14	3.5	0.0
11/03/2024 04:50	2.7	258	13	3.6	0.0
11/03/2024 05:00	2.3	256	16	3.6	0.0
11/03/2024 05:10	2.9	253	13	4.0	0.0
11/03/2024 05:20	2.3	258	15	3.8	0.0
11/03/2024 05:30	2.5	255	14	3.5	0.0
11/03/2024 05:40	2.4	257	16	3.8	0.0
11/03/2024 05:50	2.8	258	12	4.1	0.0
11/03/2024 06:00	2.6	257	14	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 06:10	2.5	259	16	3.8	0.0
11/03/2024 06:20	2.8	257	13	4.1	0.0
11/03/2024 06:30	2.2	261	17	3.4	0.0
11/03/2024 06:40	3.0	256	13	4.5	0.0
11/03/2024 06:50	2.8	258	14	4.0	0.0
11/03/2024 07:00	2.9	255	13	3.9	0.0
11/03/2024 07:10	2.6	254	16	4.0	0.0
11/03/2024 07:20	2.8	247	15	4.2	0.0
11/03/2024 07:30	2.5	250	17	4.0	0.0
11/03/2024 07:40	2.7	245	16	3.9	0.0
11/03/2024 07:50	2.7	245	18	4.0	0.0
11/03/2024 08:00	3.1	252	16	4.2	0.0
11/03/2024 08:10	3.1	254	15	4.5	0.0
11/03/2024 08:20	3.2	252	17	4.8	0.0
11/03/2024 08:30	3.0	253	18	4.6	0.0
11/03/2024 08:40	2.7	251	19	4.3	0.0
11/03/2024 08:50	3.0	250	15	4.4	0.0
11/03/2024 09:00	2.8	250	17	4.1	0.0
11/03/2024 09:10	2.7	254	19	4.3	0.0
11/03/2024 09:20	2.3	252	17	3.8	0.0
11/03/2024 09:30	1.6	258	18	3.0	0.0
11/03/2024 09:40	1.5	258	19	3.1	0.0
11/03/2024 09:50	0.8	252	15	2.5	0.0
11/03/2024 10:00	0.9	249	15	2.4	0.0
11/03/2024 10:10	0.6	296	13	1.8	0.0
11/03/2024 10:20	0.7	319	16	2.7	0.0
11/03/2024 10:30	1.2	335	24	2.6	0.0
11/03/2024 10:40	0.9	165	21	2.3	0.0
11/03/2024 10:50	1.2	338	24	3.6	0.0
11/03/2024 11:00	2.2	337	25	4.0	0.0
11/03/2024 11:10	2.6	318	26	4.5	0.0
11/03/2024 11:20	2.7	337	25	4.4	0.0
11/03/2024 11:30	2.7	323	25	4.7	0.0
11/03/2024 11:40	2.7	318	23	4.2	0.0
11/03/2024 11:50	1.8	316	27	3.8	0.0
11/03/2024 12:00	2.1	299	32	4.3	0.0
11/03/2024 12:10	1.7	315	36	3.7	0.0
11/03/2024 12:20	2.2	312	30	4.0	0.0
11/03/2024 12:30	1.3	311	35	3.4	0.0
11/03/2024 12:40	1.8	295	42	4.0	0.0
11/03/2024 12:50	1.9	307	36	4.0	0.0
11/03/2024 13:00	2.6	314	32	4.8	0.0
11/03/2024 13:10	2.8	318	30	4.5	0.0
11/03/2024 13:20	2.8	321	26	5.2	0.0
11/03/2024 13:30	3.3	325	26	5.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 13:40	3.3	315	28	6.4	0.0
11/03/2024 13:50	2.9	319	30	5.6	0.0
11/03/2024 14:00	3.2	318	28	5.5	0.0
11/03/2024 14:10	2.4	299	38	5.9	0.0
11/03/2024 14:20	2.7	303	38	5.2	0.0
11/03/2024 14:30	3.2	307	37	6.0	0.0
11/03/2024 14:40	3.1	287	45	5.9	0.0
11/03/2024 14:50	3.5	311	34	6.5	0.0
11/03/2024 15:00	3.0	306	34	6.4	0.0
11/03/2024 15:10	3.1	310	30	5.7	0.0
11/03/2024 15:20	2.6	305	38	6.2	0.0
11/03/2024 15:30	3.0	295	35	5.9	0.0
11/03/2024 15:40	2.6	286	38	5.5	0.0
11/03/2024 15:50	2.8	309	36	5.6	0.0
11/03/2024 16:00	2.4	296	42	6.0	0.0
11/03/2024 16:10	3.1	254	26	5.8	0.0
11/03/2024 16:20	2.2	282	31	4.9	0.0
11/03/2024 16:30	2.4	274	37	4.8	0.0
11/03/2024 16:40	2.4	264	26	5.8	0.0
11/03/2024 16:50	2.7	262	33	5.0	0.0
11/03/2024 17:00	2.2	284	37	4.5	0.0
11/03/2024 17:10	2.6	259	20	4.6	0.0
11/03/2024 17:20	3.2	260	28	5.4	0.0
11/03/2024 17:30	2.7	265	29	5.1	0.0
11/03/2024 17:40	2.8	262	27	5.1	0.0
11/03/2024 17:50	2.6	271	31	5.5	0.0
11/03/2024 18:00	2.7	268	29	4.8	0.0
11/03/2024 18:10	2.8	261	25	5.4	0.0
11/03/2024 18:20	2.3	262	26	5.2	0.0
11/03/2024 18:30	2.7	260	24	4.7	0.0
11/03/2024 18:40	3.2	256	23	5.1	0.0
11/03/2024 18:50	2.6	256	23	5.6	0.0
11/03/2024 19:00	2.4	271	25	5.2	0.0
11/03/2024 19:10	2.9	263	21	5.5	0.0
11/03/2024 19:20	2.4	262	22	4.9	0.0
11/03/2024 19:30	3.1	259	22	5.2	0.0
11/03/2024 19:40	1.9	259	22	4.1	0.0
11/03/2024 19:50	2.6	257	23	4.3	0.0
11/03/2024 20:00	3.2	259	21	4.8	0.0
11/03/2024 20:10	3.7	255	16	6.3	0.0
11/03/2024 20:20	3.6	256	16	5.8	0.0
11/03/2024 20:30	4.1	254	16	6.5	0.0
11/03/2024 20:40	4.2	256	16	6.0	0.0
11/03/2024 20:50	4.1	255	18	6.4	0.0
11/03/2024 21:00	4.0	255	17	6.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 21:10	3.7	255	17	5.9	0.0
11/03/2024 21:20	3.8	253	17	6.3	0.0
11/03/2024 21:30	3.4	258	18	6.1	0.0
11/03/2024 21:40	4.2	247	15	6.1	0.0
11/03/2024 21:50	3.9	255	16	6.8	0.0
11/03/2024 22:00	4.5	254	17	6.4	0.0
11/03/2024 22:10	3.6	248	17	6.0	0.0
11/03/2024 22:20	3.6	250	17	6.0	0.0
11/03/2024 22:30	3.4	246	17	5.5	0.0
11/03/2024 22:40	3.6	253	18	6.0	0.0
11/03/2024 22:50	3.1	244	16	5.2	0.0
11/03/2024 23:00	3.4	248	15	5.3	0.0
11/03/2024 23:10	3.3	250	15	5.4	0.0
11/03/2024 23:20	2.4	250	13	4.4	0.0
11/03/2024 23:30	2.7	259	17	4.7	0.0
11/03/2024 23:40	3.3	256	15	5.0	0.0
11/03/2024 23:50	3.2	253	15	4.8	0.0
12/03/2024 00:00	2.8	254	15	4.6	0.0
12/03/2024 00:10	2.9	259	19	4.4	0.0
12/03/2024 00:20	2.8	257	17	4.4	0.0
12/03/2024 00:30	2.6	260	24	4.4	0.0
12/03/2024 00:40	2.8	257	14	4.8	0.0
12/03/2024 00:50	2.7	258	18	4.7	0.0
12/03/2024 01:00	2.9	261	15	4.3	0.0
12/03/2024 01:10	3.0	254	18	4.8	0.0
12/03/2024 01:20	3.5	251	15	5.2	0.0
12/03/2024 01:30	2.8	252	17	4.7	0.0
12/03/2024 01:40	3.2	252	14	4.6	0.0
12/03/2024 01:50	2.8	256	19	5.0	0.0
12/03/2024 02:00	3.0	254	16	4.7	0.0
12/03/2024 02:10	3.2	254	17	4.7	0.0
12/03/2024 02:20	3.1	257	16	4.4	0.0
12/03/2024 02:30	2.7	258	16	4.9	0.0
12/03/2024 02:40	2.4	262	18	4.4	0.0
12/03/2024 02:50	2.8	252	16	4.5	0.0
12/03/2024 03:00	2.9	259	17	4.4	0.0
12/03/2024 03:10	2.8	251	15	4.6	0.0
12/03/2024 03:20	2.7	254	15	4.4	0.0
12/03/2024 03:30	2.6	255	16	3.7	0.0
12/03/2024 03:40	2.5	259	17	4.0	0.0
12/03/2024 03:50	2.0	257	17	3.6	0.0
12/03/2024 04:00	2.6	258	15	3.9	0.0
12/03/2024 04:10	2.3	260	15	3.7	0.0
12/03/2024 04:20	0.9	249	11	2.5	0.0
12/03/2024 04:30	0.7	255	12	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 04:40	1.6	261	16	3.3	0.0
12/03/2024 04:50	2.4	257	14	3.8	0.0
12/03/2024 05:00	1.7	256	15	3.1	0.0
12/03/2024 05:10	1.5	258	17	3.2	0.0
12/03/2024 05:20	1.8	258	17	3.3	0.0
12/03/2024 05:30	1.9	255	18	3.2	0.0
12/03/2024 05:40	1.3	257	16	3.0	0.0
12/03/2024 05:50	1.6	253	12	3.1	0.0
12/03/2024 06:00	1.5	261	17	2.9	0.0
12/03/2024 06:10	1.7	260	17	3.6	0.0
12/03/2024 06:20	2.4	254	16	3.5	0.0
12/03/2024 06:30	1.7	259	14	3.4	0.0
12/03/2024 06:40	1.1	257	13	2.8	0.0
12/03/2024 06:50	1.6	265	18	2.8	0.0
12/03/2024 07:00	1.4	254	15	2.9	0.0
12/03/2024 07:10	1.0	256	11	3.0	0.0
12/03/2024 07:20	0.3	258	5	2.1	0.0
12/03/2024 07:30	1.3	251	13	3.0	0.0
12/03/2024 07:40	0.7	263	14	2.5	0.0
12/03/2024 07:50	2.1	255	23	3.1	0.0
12/03/2024 08:00	2.4	252	20	3.6	0.0
12/03/2024 08:10	2.2	254	20	3.6	0.0
12/03/2024 08:20	2.7	251	22	4.4	0.0
12/03/2024 08:30	2.5	250	16	4.4	0.0
12/03/2024 08:40	2.6	248	25	4.4	0.0
12/03/2024 08:50	3.2	246	17	4.7	0.0
12/03/2024 09:00	3.3	244	20	5.2	0.0
12/03/2024 09:10	3.6	243	17	5.2	0.0
12/03/2024 09:20	3.0	249	20	4.8	0.0
12/03/2024 09:30	3.1	236	21	5.2	0.0
12/03/2024 09:40	3.7	237	18	5.3	0.0
12/03/2024 09:50	3.5	242	19	5.2	0.0
12/03/2024 10:00	3.3	236	22	5.1	0.0
12/03/2024 10:10	3.6	242	19	5.3	0.0
12/03/2024 10:20	3.7	248	20	5.7	0.0
12/03/2024 10:30	3.7	256	22	6.0	0.0
12/03/2024 10:40	3.1	245	18	5.4	0.0
12/03/2024 10:50	3.6	245	17	5.7	0.0
12/03/2024 11:00	2.8	250	20	5.2	0.0
12/03/2024 11:10	2.3	293	41	5.0	0.0
12/03/2024 11:20	3.1	268	38	5.9	0.0
12/03/2024 11:30	3.3	303	41	6.2	0.0
12/03/2024 11:40	2.9	299	40	6.2	0.0
12/03/2024 11:50	3.1	313	36	5.8	0.0
12/03/2024 12:00	2.4	296	43	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 12:10	3.3	309	38	5.1	0.0
12/03/2024 12:20	3.0	301	45	5.6	0.0
12/03/2024 12:30	3.2	313	30	5.5	0.0
12/03/2024 12:40	2.2	303	38	4.3	0.0
12/03/2024 12:50	2.9	290	45	5.6	0.0
12/03/2024 13:00	2.6	314	39	4.7	0.0
12/03/2024 13:10	2.6	298	37	4.5	0.0
12/03/2024 13:20	2.8	299	43	5.1	0.0
12/03/2024 13:30	2.9	324	33	5.9	0.0
12/03/2024 13:40	3.0	323	27	5.6	0.0
12/03/2024 13:50	3.0	316	31	5.0	0.0
12/03/2024 14:00	2.6	284	39	5.3	0.0
12/03/2024 14:10	2.6	300	35	5.4	0.0
12/03/2024 14:20	2.5	309	39	5.6	0.0
12/03/2024 14:30	2.6	314	38	5.2	0.0
12/03/2024 14:40	2.7	310	36	5.0	0.0
12/03/2024 14:50	3.2	312	33	6.2	0.0
12/03/2024 15:00	3.0	312	39	5.2	0.0
12/03/2024 15:10	3.0	301	34	6.0	0.0
12/03/2024 15:20	2.8	299	42	5.4	0.0
12/03/2024 15:30	2.5	275	41	5.5	0.0
12/03/2024 15:40	2.9	312	40	5.1	0.0
12/03/2024 15:50	3.0	281	40	5.2	0.0
12/03/2024 16:00	3.3	302	35	5.6	0.0
12/03/2024 16:10	2.5	277	39	5.0	0.0
12/03/2024 16:20	3.2	270	34	5.8	0.0
12/03/2024 16:30	2.8	302	38	5.7	0.0
12/03/2024 16:40	2.7	295	37	5.6	0.0
12/03/2024 16:50	2.7	299	36	5.6	0.0
12/03/2024 17:00	2.6	300	36	5.6	0.0
12/03/2024 17:10	2.1	310	33	4.8	0.0
12/03/2024 17:20	2.9	309	33	5.2	0.0
12/03/2024 17:30	2.2	309	36	4.7	0.0
12/03/2024 17:40	2.4	313	30	4.6	0.0
12/03/2024 17:50	1.9	301	36	4.3	0.0
12/03/2024 18:00	1.9	297	42	4.0	0.0
12/03/2024 18:10	2.0	300	42	4.8	0.0
12/03/2024 18:20	1.9	296	37	5.2	0.0
12/03/2024 18:30	2.1	304	33	4.8	0.0
12/03/2024 18:40	1.9	292	40	4.9	0.0
12/03/2024 18:50	1.6	280	34	4.1	0.0
12/03/2024 19:00	1.4	268	39	3.8	0.0
12/03/2024 19:10	1.3	270	33	4.0	0.0
12/03/2024 19:20	2.2	264	31	4.7	0.0
12/03/2024 19:30	2.0	271	36	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 19:40	1.6	272	33	4.0	0.0
12/03/2024 19:50	1.6	272	34	3.7	0.0
12/03/2024 20:00	2.1	257	23	4.2	0.0
12/03/2024 20:10	1.6	271	33	4.3	0.0
12/03/2024 20:20	2.3	250	23	3.8	0.0
12/03/2024 20:30	1.5	259	27	3.1	0.0
12/03/2024 20:40	1.4	261	31	3.2	0.0
12/03/2024 20:50	1.6	273	38	4.0	0.0
12/03/2024 21:00	1.1	277	35	3.2	0.0
12/03/2024 21:10	1.6	263	28	3.4	0.0
12/03/2024 21:20	1.2	267	30	3.6	0.0
12/03/2024 21:30	1.4	269	28	3.2	0.0
12/03/2024 21:40	1.2	261	26	3.3	0.0
12/03/2024 21:50	1.2	263	37	3.1	0.0
12/03/2024 22:00	1.2	256	23	2.6	0.0
12/03/2024 22:10	1.0	257	27	2.6	0.0
12/03/2024 22:20	1.8	254	21	3.7	0.0
12/03/2024 22:30	0.8	262	25	2.7	0.0
12/03/2024 22:40	1.1	262	21	2.8	0.0
12/03/2024 22:50	1.0	260	18	2.4	0.0
12/03/2024 23:00	1.2	255	16	3.5	0.0
12/03/2024 23:10	0.7	257	18	2.2	0.0
12/03/2024 23:20	1.5	253	18	3.0	0.0
12/03/2024 23:30	1.4	253	18	3.5	0.0
12/03/2024 23:40	1.0	255	17	2.7	0.0
12/03/2024 23:50	1.1	255	18	2.8	0.0
13/03/2024 00:00	2.4	252	20	4.5	0.0
13/03/2024 00:10	2.0	245	17	3.4	0.0
13/03/2024 00:20	0.9	254	14	2.8	0.0
13/03/2024 00:30	2.3	247	13	4.0	0.0
13/03/2024 00:40	2.2	247	17	4.4	0.0
13/03/2024 00:50	1.8	256	18	3.3	0.0
13/03/2024 01:00	1.6	259	16	3.8	0.0
13/03/2024 01:10	1.7	257	17	3.6	0.0
13/03/2024 01:20	1.9	257	16	3.2	0.0
13/03/2024 01:30	2.2	257	19	3.6	0.0
13/03/2024 01:40	2.0	251	17	3.4	0.0
13/03/2024 01:50	2.6	247	16	3.9	0.0
13/03/2024 02:00	1.9	250	22	3.5	0.0
13/03/2024 02:10	2.3	248	16	4.3	0.0
13/03/2024 02:20	1.5	246	20	3.5	0.0
13/03/2024 02:30	1.2	245	16	3.0	0.0
13/03/2024 02:40	1.7	249	17	3.2	0.0
13/03/2024 02:50	1.9	236	17	3.3	0.0
13/03/2024 03:00	0.9	243	14	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 03:10	0.9	245	13	2.6	0.0
13/03/2024 03:20	0.9	239	12	2.7	0.0
13/03/2024 03:30	0.7	238	10	2.2	0.0
13/03/2024 03:40	0.6	249	13	2.2	0.0
13/03/2024 03:50	1.4	244	15	2.7	0.0
13/03/2024 04:00	0.8	236	13	2.3	0.0
13/03/2024 04:10	0.2	251	6	1.1	0.0
13/03/2024 04:20	0.5	257	9	1.7	0.0
13/03/2024 04:30	0.5	249	6	2.0	0.0
13/03/2024 04:40					0.0
13/03/2024 04:50					0.0
13/03/2024 05:00					0.0
13/03/2024 05:10					0.0
13/03/2024 05:20	0.0	260	1	0.6	0.0
13/03/2024 05:30	0.2	282	8	1.4	0.0
13/03/2024 05:40	0.2	299	8	1.6	0.0
13/03/2024 05:50	0.1	291	6	1.3	0.0
13/03/2024 06:00	0.1	292	5	1.4	0.0
13/03/2024 06:10					0.0
13/03/2024 06:20					0.0
13/03/2024 06:30	0.1	309	6	0.9	0.0
13/03/2024 06:40	0.1	352	6	1.7	0.0
13/03/2024 06:50					0.0
13/03/2024 07:00					0.0
13/03/2024 07:10					0.0
13/03/2024 07:20	0.2	211	1	2.0	0.0
13/03/2024 07:30	0.5	252	6	1.9	0.0
13/03/2024 07:40					0.0
13/03/2024 07:50	0.2	215	4	1.7	0.0
13/03/2024 08:00					0.0
13/03/2024 08:10	0.2	228	6	1.5	0.0
13/03/2024 08:20	0.1	204	5	1.6	0.0
13/03/2024 08:30	0.4	170	17	1.8	0.0
13/03/2024 08:40	0.4	120	16	1.6	0.0
13/03/2024 08:50	0.3	104	9	1.6	0.0
13/03/2024 09:00	0.3	102	10	1.7	0.0
13/03/2024 09:10	0.1	241	2	1.0	0.0
13/03/2024 09:20	0.0	144	3	0.8	0.0
13/03/2024 09:30	0.3	27	11	2.0	0.0
13/03/2024 09:40	0.3	44	11	1.6	0.0
13/03/2024 09:50	0.5	79	8	2.2	0.0
13/03/2024 10:00	0.8	44	35	3.3	0.0
13/03/2024 10:10	1.1	141	46	3.0	0.0
13/03/2024 10:20	0.8	144	46	2.8	0.0
13/03/2024 10:30	0.6	125	20	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 10:40	0.4	183	16	2.2	0.0
13/03/2024 10:50	0.7	242	36	2.4	0.0
13/03/2024 11:00	0.6	314	27	2.5	0.0
13/03/2024 11:10	0.0	313	4	0.8	0.0
13/03/2024 11:20	0.4	3	22	2.2	0.0
13/03/2024 11:30	1.4	62	23	2.8	0.0
13/03/2024 11:40	1.0	43	17	2.6	0.0
13/03/2024 11:50	1.2	334	45	3.0	0.0
13/03/2024 12:00	1.5	333	24	3.2	0.0
13/03/2024 12:10	0.9	344	24	2.9	0.0
13/03/2024 12:20	1.5	348	35	3.8	0.0
13/03/2024 12:30	1.6	16	28	3.7	0.0
13/03/2024 12:40	1.5	12	28	3.2	0.0
13/03/2024 12:50	1.7	1	30	3.2	0.0
13/03/2024 13:00	2.0	181	32	3.5	0.0
13/03/2024 13:10	2.4	13	30	4.4	0.0
13/03/2024 13:20	2.6	24	25	4.8	0.0
13/03/2024 13:30	2.7	14	31	4.9	0.0
13/03/2024 13:40	2.5	18	29	4.8	0.0
13/03/2024 13:50	2.4	181	28	4.8	0.0
13/03/2024 14:00	3.0	13	23	4.9	0.0
13/03/2024 14:10	2.4	177	30	5.1	0.0
13/03/2024 14:20	3.2	332	27	6.8	0.0
13/03/2024 14:30	3.3	332	28	5.6	0.0
13/03/2024 14:40	3.3	338	36	6.2	0.0
13/03/2024 14:50	3.2	338	32	6.6	0.0
13/03/2024 15:00	3.5	339	25	6.3	0.0
13/03/2024 15:10	3.4	337	25	6.4	0.0
13/03/2024 15:20	3.4	342	28	6.5	0.0
13/03/2024 15:30	2.8	345	27	5.4	0.0
13/03/2024 15:40	2.6	339	29	6.0	0.0
13/03/2024 15:50	2.7	329	26	5.6	0.0
13/03/2024 16:00	2.1	342	31	5.2	0.0
13/03/2024 16:10	1.5	183	31	5.3	0.0
13/03/2024 16:20	1.9	181	29	4.4	0.0
13/03/2024 16:30	2.4	339	33	4.8	0.0
13/03/2024 16:40	3.4	335	27	5.7	0.0
13/03/2024 16:50	3.1	330	27	5.2	0.0
13/03/2024 17:00	3.1	333	23	6.3	0.0
13/03/2024 17:10	3.4	339	25	5.9	0.0
13/03/2024 17:20	2.7	332	31	5.1	0.0
13/03/2024 17:30	2.7	340	25	4.8	0.0
13/03/2024 17:40	2.1	333	33	5.2	0.0
13/03/2024 17:50	2.6	324	27	5.3	0.0
13/03/2024 18:00	2.6	336	24	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 18:10	2.4	342	29	4.8	0.0
13/03/2024 18:20	2.2	335	31	4.6	0.0
13/03/2024 18:30	1.9	336	34	4.8	0.0
13/03/2024 18:40	2.0	336	29	4.7	0.0
13/03/2024 18:50	2.1	327	27	4.4	0.0
13/03/2024 19:00	1.0	323	21	3.6	0.0
13/03/2024 19:10	0.8	338	18	3.6	0.0
13/03/2024 19:20	1.2	326	23	3.9	0.0
13/03/2024 19:30	2.2	338	26	4.1	0.0
13/03/2024 19:40	1.4	341	23	4.0	0.0
13/03/2024 19:50	0.7	321	17	3.2	0.0
13/03/2024 20:00	0.9	330	17	3.6	0.0
13/03/2024 20:10	0.5	342	16	2.4	0.0
13/03/2024 20:20	1.1	337	14	3.3	0.0
13/03/2024 20:30	0.6	346	18	3.0	0.0
13/03/2024 20:40	0.3	346	9	2.4	0.0
13/03/2024 20:50					0.0
13/03/2024 21:00	0.6	343	10	2.2	0.0
13/03/2024 21:10	0.1	346	4	1.5	0.0
13/03/2024 21:20	0.2	348	8	2.2	0.0
13/03/2024 21:30	0.5	329	9	2.6	0.0
13/03/2024 21:40	0.9	353	20	2.7	0.0
13/03/2024 21:50	0.4	334	12	2.2	0.0
13/03/2024 22:00	0.1	326	6	1.0	0.0
13/03/2024 22:10	0.1	310	5	1.9	0.0
13/03/2024 22:20					0.0
13/03/2024 22:30	0.0	344	0	0.4	0.0
13/03/2024 22:40					0.0
13/03/2024 22:50					0.0
13/03/2024 23:00					0.0
13/03/2024 23:10					0.0
13/03/2024 23:20					0.0
13/03/2024 23:30					0.0
13/03/2024 23:40					0.0
13/03/2024 23:50					0.0
14/03/2024 00:00					0.0
14/03/2024 00:10					0.0
14/03/2024 00:20					0.0
14/03/2024 00:30					0.0
14/03/2024 00:40					0.0
14/03/2024 00:50					0.0
14/03/2024 01:00					0.0
14/03/2024 01:10					0.0
14/03/2024 01:20					0.0
14/03/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 01:40					0.0
14/03/2024 01:50					0.0
14/03/2024 02:00					0.0
14/03/2024 02:10					0.0
14/03/2024 02:20					0.0
14/03/2024 02:30					0.0
14/03/2024 02:40					0.0
14/03/2024 02:50	0.1	178	3	1.9	0.0
14/03/2024 03:00	0.1	194	7	1.7	0.0
14/03/2024 03:10					0.0
14/03/2024 03:20					0.0
14/03/2024 03:30					0.0
14/03/2024 03:40					0.0
14/03/2024 03:50					0.0
14/03/2024 04:00					0.0
14/03/2024 04:10					0.0
14/03/2024 04:20					0.0
14/03/2024 04:30					0.0
14/03/2024 04:40					0.0
14/03/2024 04:50					0.0
14/03/2024 05:00					0.0
14/03/2024 05:10					0.0
14/03/2024 05:20					0.0
14/03/2024 05:30					0.0
14/03/2024 05:40					0.0
14/03/2024 05:50					0.0
14/03/2024 06:00					0.0
14/03/2024 06:10					0.0
14/03/2024 06:20					0.0
14/03/2024 06:30					0.0
14/03/2024 06:40					0.0
14/03/2024 06:50					0.0
14/03/2024 07:00					0.0
14/03/2024 07:10					0.0
14/03/2024 07:20					0.0
14/03/2024 07:30					0.0
14/03/2024 07:40					0.0
14/03/2024 07:50	0.0	129	5	1.0	0.0
14/03/2024 08:00					0.0
14/03/2024 08:10					0.0
14/03/2024 08:20					0.0
14/03/2024 08:30	0.1	102	10	1.1	0.0
14/03/2024 08:40	0.5	104	12	2.2	0.0
14/03/2024 08:50	1.1	100	19	2.9	0.0
14/03/2024 09:00	1.0	96	19	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 09:10	1.1	104	19	2.8	0.0
14/03/2024 09:20	1.0	94	14	2.6	0.0
14/03/2024 09:30	0.6	107	16	2.4	0.0
14/03/2024 09:40	0.5	94	16	2.0	0.0
14/03/2024 09:50	1.0	62	18	3.2	0.0
14/03/2024 10:00	1.9	54	20	3.7	0.0
14/03/2024 10:10	2.1	65	20	3.9	0.0
14/03/2024 10:20	2.1	55	22	4.2	0.0
14/03/2024 10:30	3.2	51	22	5.6	0.0
14/03/2024 10:40	3.3	50	21	5.5	0.0
14/03/2024 10:50	3.3	56	22	5.4	0.0
14/03/2024 11:00	3.6	57	19	6.0	0.0
14/03/2024 11:10	3.0	55	20	5.6	0.0
14/03/2024 11:20	2.9	63	23	5.0	0.0
14/03/2024 11:30	2.6	55	21	4.7	0.0
14/03/2024 11:40	2.7	52	24	5.1	0.0
14/03/2024 11:50	2.7	49	22	4.6	0.0
14/03/2024 12:00	2.9	56	24	4.7	0.0
14/03/2024 12:10	2.5	65	27	4.8	0.0
14/03/2024 12:20	2.7	64	21	4.6	0.0
14/03/2024 12:30	2.7	69	23	4.7	0.0
14/03/2024 12:40	2.6	67	21	4.9	0.0
14/03/2024 12:50	3.0	67	22	5.6	0.0
14/03/2024 13:00	3.0	49	21	4.8	0.0
14/03/2024 13:10	2.9	67	22	4.6	0.0
14/03/2024 13:20	2.7	70	21	4.7	0.0
14/03/2024 13:30	2.6	71	21	4.8	0.0
14/03/2024 13:40	3.3	55	19	5.7	0.0
14/03/2024 13:50	2.9	59	21	5.1	0.0
14/03/2024 14:00	3.0	57	23	4.7	0.0
14/03/2024 14:10	3.3	64	20	6.1	0.0
14/03/2024 14:20	2.9	61	21	5.2	0.0
14/03/2024 14:30	3.6	56	19	6.4	0.0
14/03/2024 14:40	3.5	60	20	6.3	0.0
14/03/2024 14:50	3.6	61	18	6.2	0.0
14/03/2024 15:00	3.7	57	20	6.0	0.0
14/03/2024 15:10	3.3	64	20	5.6	0.0
14/03/2024 15:20	3.4	51	20	6.2	0.0
14/03/2024 15:30	3.7	60	19	6.0	0.0
14/03/2024 15:40	3.5	52	19	6.0	0.0
14/03/2024 15:50	3.7	53	19	6.7	0.0
14/03/2024 16:00	3.3	57	19	5.8	0.0
14/03/2024 16:10	3.3	59	20	6.0	0.0
14/03/2024 16:20	3.0	59	21	4.8	0.0
14/03/2024 16:30	2.8	54	21	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 16:40	2.9	57	20	4.8	0.0
14/03/2024 16:50	2.4	60	17	4.7	0.0
14/03/2024 17:00	2.5	65	20	4.5	0.0
14/03/2024 17:10	2.6	63	20	4.5	0.0
14/03/2024 17:20	2.8	67	20	5.2	0.0
14/03/2024 17:30	2.8	68	22	4.8	0.0
14/03/2024 17:40	2.5	69	17	4.1	0.0
14/03/2024 17:50	2.7	56	18	5.0	0.0
14/03/2024 18:00	2.3	62	22	3.6	0.0
14/03/2024 18:10	2.5	63	21	4.0	0.0
14/03/2024 18:20	2.3	62	18	4.2	0.0
14/03/2024 18:30	2.2	63	23	4.5	0.0
14/03/2024 18:40	2.3	70	20	4.6	0.0
14/03/2024 18:50	2.6	65	18	4.0	0.0
14/03/2024 19:00	2.2	64	21	4.3	0.0
14/03/2024 19:10	1.9	61	20	4.4	0.0
14/03/2024 19:20	2.2	62	20	4.0	0.0
14/03/2024 19:30	2.6	61	17	4.6	0.0
14/03/2024 19:40	2.3	67	21	3.7	0.0
14/03/2024 19:50	2.1	62	19	4.0	0.0
14/03/2024 20:00	2.6	65	21	4.3	0.0
14/03/2024 20:10	2.3	67	21	3.6	0.0
14/03/2024 20:20	2.6	65	22	4.3	0.0
14/03/2024 20:30	2.2	62	19	4.1	0.0
14/03/2024 20:40	1.8	69	18	3.7	0.0
14/03/2024 20:50	2.3	67	19	3.8	0.0
14/03/2024 21:00	2.1	56	19	3.7	0.0
14/03/2024 21:10	2.2	61	21	4.0	0.0
14/03/2024 21:20	2.3	58	20	4.7	0.0
14/03/2024 21:30	1.4	56	19	3.1	0.0
14/03/2024 21:40	1.6	55	17	3.8	0.0
14/03/2024 21:50	1.3	60	16	3.2	0.0
14/03/2024 22:00	0.7	63	14	2.8	0.0
14/03/2024 22:10	1.8	57	18	4.1	0.0
14/03/2024 22:20	1.9	62	20	3.4	0.0
14/03/2024 22:30	1.3	67	17	2.9	0.0
14/03/2024 22:40	1.1	62	17	3.4	0.0
14/03/2024 22:50	1.1	65	19	3.1	0.0
14/03/2024 23:00	1.0	68	17	3.2	0.0
14/03/2024 23:10	1.5	62	19	3.2	0.0
14/03/2024 23:20	1.6	77	19	2.9	0.0
14/03/2024 23:30	1.4	83	21	3.0	0.0
14/03/2024 23:40	1.0	65	14	2.8	0.0
14/03/2024 23:50	1.2	58	14	3.0	0.0
15/03/2024 00:00	1.3	60	20	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 00:10	1.4	68	19	2.8	0.0
15/03/2024 00:20	1.1	71	16	2.8	0.0
15/03/2024 00:30	0.7	56	13	2.8	0.0
15/03/2024 00:40	0.3	63	7	2.2	0.0
15/03/2024 00:50	0.5	75	9	3.0	0.0
15/03/2024 01:00	0.3	60	5	2.0	0.0
15/03/2024 01:10	0.1	68	6	1.5	0.0
15/03/2024 01:20	0.6	73	8	3.3	0.0
15/03/2024 01:30	0.2	84	5	2.0	0.0
15/03/2024 01:40	0.0	80	0	0.4	0.0
15/03/2024 01:50					0.0
15/03/2024 02:00	0.2	81	4	2.4	0.0
15/03/2024 02:10	0.1	91	2	1.1	0.0
15/03/2024 02:20	0.0	74	4	0.8	0.0
15/03/2024 02:30	0.1	79	5	1.9	0.0
15/03/2024 02:40					0.0
15/03/2024 02:50					0.0
15/03/2024 03:00	0.2	90	7	1.9	0.0
15/03/2024 03:10	0.5	91	13	2.4	0.0
15/03/2024 03:20	0.8	80	14	2.6	0.0
15/03/2024 03:30	0.5	89	9	2.4	0.0
15/03/2024 03:40	0.9	72	15	2.8	0.0
15/03/2024 03:50	0.8	82	14	2.8	0.0
15/03/2024 04:00	0.3	101	12	2.1	0.0
15/03/2024 04:10	0.8	96	17	2.9	0.0
15/03/2024 04:20	0.8	106	19	2.6	0.0
15/03/2024 04:30	1.3	104	31	2.8	0.0
15/03/2024 04:40	1.3	114	28	3.2	0.0
15/03/2024 04:50	1.5	108	24	3.1	0.0
15/03/2024 05:00	1.9	107	28	3.2	0.0
15/03/2024 05:10	2.1	114	25	3.6	0.0
15/03/2024 05:20	1.8	101	27	3.3	0.0
15/03/2024 05:30	2.1	99	26	3.2	0.0
15/03/2024 05:40	2.2	102	22	4.0	0.0
15/03/2024 05:50	2.2	99	24	4.6	0.0
15/03/2024 06:00	2.5	101	27	3.7	0.0
15/03/2024 06:10	2.9	86	21	4.9	0.0
15/03/2024 06:20	3.0	85	18	4.9	0.0
15/03/2024 06:30	3.3	89	23	4.8	0.0
15/03/2024 06:40	3.0	88	22	4.9	0.0
15/03/2024 06:50	2.6	86	23	4.4	0.0
15/03/2024 07:00	2.8	91	24	4.6	0.0
15/03/2024 07:10	2.6	100	28	4.7	0.0
15/03/2024 07:20	2.9	94	28	4.6	0.0
15/03/2024 07:30	2.9	98	26	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 07:40	2.9	96	31	5.6	0.0
15/03/2024 07:50	1.8	98	25	4.3	0.0
15/03/2024 08:00	3.0	90	26	5.3	0.0
15/03/2024 08:10	3.2	95	24	5.7	0.0
15/03/2024 08:20	3.8	93	24	5.6	0.0
15/03/2024 08:30	3.5	88	19	6.4	0.0
15/03/2024 08:40	3.4	89	21	6.1	0.0
15/03/2024 08:50	3.6	86	20	7.3	0.0
15/03/2024 09:00	3.5	90	22	6.4	0.0
15/03/2024 09:10	4.3	91	23	7.0	0.0
15/03/2024 09:20	3.8	89	24	6.4	0.0
15/03/2024 09:30	3.6	83	21	6.0	0.0
15/03/2024 09:40	3.9	84	23	6.6	0.0
15/03/2024 09:50	4.1	76	19	6.4	0.0
15/03/2024 10:00	4.0	84	22	6.6	0.0
15/03/2024 10:10	3.8	75	19	6.2	0.0
15/03/2024 10:20	3.5	76	26	5.5	0.0
15/03/2024 10:30	4.4	81	22	6.9	0.0
15/03/2024 10:40	3.8	89	22	6.1	0.0
15/03/2024 10:50	3.7	84	21	6.8	0.0
15/03/2024 11:00	3.9	79	20	6.4	0.0
15/03/2024 11:10	4.0	84	24	7.0	0.0
15/03/2024 11:20	4.0	80	20	6.6	0.0
15/03/2024 11:30	3.5	86	21	5.3	0.0
15/03/2024 11:40	3.8	75	21	6.5	0.0
15/03/2024 11:50	4.1	87	22	6.6	0.0
15/03/2024 12:00	4.2	87	19	6.3	0.0
15/03/2024 12:10	4.0	81	23	7.2	0.0
15/03/2024 12:20	4.1	86	24	7.2	0.0
15/03/2024 12:30	4.4	85	24	7.5	0.0
15/03/2024 12:40	4.5	81	20	7.2	0.0
15/03/2024 12:50	4.1	83	20	6.8	0.0
15/03/2024 13:00	3.9	71	24	6.0	0.0
15/03/2024 13:10	4.0	62	18	6.0	0.0
15/03/2024 13:20	4.1	66	19	6.2	0.0
15/03/2024 13:30	4.0	62	20	6.0	0.0
15/03/2024 13:40	4.0	64	20	6.1	0.0
15/03/2024 13:50	4.4	59	19	6.4	0.0
15/03/2024 14:00	3.7	64	22	6.0	0.0
15/03/2024 14:10	3.9	66	21	6.4	0.0
15/03/2024 14:20	4.1	55	20	6.7	0.0
15/03/2024 14:30	3.9	67	20	6.4	0.0
15/03/2024 14:40	4.0	61	20	7.2	0.0
15/03/2024 14:50	3.9	69	21	6.0	0.0
15/03/2024 15:00	4.1	65	21	6.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 15:10	3.9	62	19	6.1	0.0
15/03/2024 15:20	3.8	62	22	6.0	0.0
15/03/2024 15:30	4.2	56	16	6.7	0.0
15/03/2024 15:40	3.8	57	20	5.7	0.0
15/03/2024 15:50	4.0	47	20	6.7	0.0
15/03/2024 16:00	4.4	49	19	6.8	0.0
15/03/2024 16:10	4.1	42	18	7.9	0.0
15/03/2024 16:20	4.0	48	21	6.3	0.0
15/03/2024 16:30	4.6	47	18	7.9	0.0
15/03/2024 16:40	4.5	43	20	6.9	0.0
15/03/2024 16:50	4.4	46	20	6.9	0.0
15/03/2024 17:00	3.3	50	20	6.0	0.0
15/03/2024 17:10	3.6	49	19	6.0	0.0
15/03/2024 17:20	4.0	40	20	6.2	0.0
15/03/2024 17:30	4.3	47	19	6.9	0.0
15/03/2024 17:40	4.2	47	18	6.4	0.0
15/03/2024 17:50	3.6	47	20	6.0	0.0
15/03/2024 18:00	3.5	50	19	5.4	0.0
15/03/2024 18:10	3.5	53	21	6.1	0.0
15/03/2024 18:20	3.3	53	19	5.4	0.0
15/03/2024 18:30	3.3	52	18	5.2	0.0
15/03/2024 18:40	3.2	54	20	5.3	0.0
15/03/2024 18:50	3.0	52	21	5.2	0.0
15/03/2024 19:00	3.3	57	18	5.4	0.0
15/03/2024 19:10	2.8	55	20	5.2	0.0
15/03/2024 19:20	2.7	57	17	4.4	0.0
15/03/2024 19:30	2.9	53	19	5.0	0.0
15/03/2024 19:40	3.0	54	18	5.1	0.0
15/03/2024 19:50	2.9	54	19	4.8	0.0
15/03/2024 20:00	2.7	55	19	4.8	0.0
15/03/2024 20:10	2.8	55	20	5.1	0.0
15/03/2024 20:20	3.0	57	21	4.4	0.0
15/03/2024 20:30	2.8	54	18	5.4	0.0
15/03/2024 20:40	2.6	53	16	4.8	0.0
15/03/2024 20:50	3.1	53	18	5.4	0.0
15/03/2024 21:00	3.0	53	18	4.6	0.0
15/03/2024 21:10	2.4	51	17	4.3	0.0
15/03/2024 21:20	2.6	56	19	4.2	0.0
15/03/2024 21:30	2.6	57	20	4.1	0.0
15/03/2024 21:40	2.6	58	18	4.0	0.0
15/03/2024 21:50	2.4	58	17	4.3	0.0
15/03/2024 22:00	1.9	54	19	3.6	0.0
15/03/2024 22:10	1.4	59	17	2.8	0.0
15/03/2024 22:20	2.0	65	18	3.0	0.0
15/03/2024 22:30	1.6	61	20	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 22:40	1.7	69	21	3.0	0.0
15/03/2024 22:50	1.9	69	21	3.6	0.0
15/03/2024 23:00	1.8	74	16	3.6	0.0
15/03/2024 23:10	2.2	78	21	3.0	0.0
15/03/2024 23:20	1.8	74	20	3.6	0.0
15/03/2024 23:30	1.6	73	20	3.3	0.0
15/03/2024 23:40	1.4	77	18	3.2	0.0
15/03/2024 23:50	1.2	73	18	2.8	0.0
16/03/2024 00:00	1.6	73	19	2.8	0.0
16/03/2024 00:10	1.7	69	19	2.6	0.0
16/03/2024 00:20	1.4	67	19	2.7	0.0
16/03/2024 00:30	1.6	69	20	2.5	0.0
16/03/2024 00:40	1.6	67	20	3.4	0.0
16/03/2024 00:50	1.7	63	21	3.2	0.0
16/03/2024 01:00	1.0	54	15	2.7	0.0
16/03/2024 01:10	1.8	67	19	3.0	0.0
16/03/2024 01:20	1.9	63	21	3.1	0.0
16/03/2024 01:30	1.9	69	18	3.1	0.0
16/03/2024 01:40	1.9	68	21	3.3	0.0
16/03/2024 01:50	1.5	70	19	2.6	0.0
16/03/2024 02:00	1.7	67	21	2.7	0.0
16/03/2024 02:10	1.7	63	20	2.9	0.0
16/03/2024 02:20	1.6	65	18	2.4	0.0
16/03/2024 02:30	1.4	63	19	2.8	0.0
16/03/2024 02:40	1.5	72	19	2.8	0.0
16/03/2024 02:50	1.5	69	21	2.4	0.0
16/03/2024 03:00	1.8	84	17	2.8	0.0
16/03/2024 03:10	1.6	86	19	2.7	0.0
16/03/2024 03:20	1.7	88	21	3.2	0.0
16/03/2024 03:30	1.6	92	25	2.5	0.0
16/03/2024 03:40	1.6	113	29	2.8	0.0
16/03/2024 03:50	1.7	137	25	3.0	0.0
16/03/2024 04:00	1.8	129	27	3.3	0.0
16/03/2024 04:10	1.9	133	23	3.2	0.0
16/03/2024 04:20	1.9	127	24	3.0	0.0
16/03/2024 04:30	1.7	128	26	3.0	0.0
16/03/2024 04:40	2.1	129	26	3.4	0.0
16/03/2024 04:50	2.1	121	24	4.0	0.0
16/03/2024 05:00	2.1	124	26	3.2	0.0
16/03/2024 05:10	1.8	131	27	3.2	0.0
16/03/2024 05:20	2.0	118	28	3.4	0.0
16/03/2024 05:30	2.0	125	28	3.5	0.0
16/03/2024 05:40	2.1	122	28	4.0	0.0
16/03/2024 05:50	2.4	127	25	3.9	0.0
16/03/2024 06:00	2.2	125	24	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 06:10	2.0	117	29	3.7	0.0
16/03/2024 06:20	2.0	115	25	3.8	0.0
16/03/2024 06:30	2.4	119	27	4.3	0.0
16/03/2024 06:40	2.3	121	35	4.3	0.0
16/03/2024 06:50	2.6	121	28	4.2	0.0
16/03/2024 07:00	2.7	127	26	4.7	0.0
16/03/2024 07:10	2.6	125	30	4.4	0.0
16/03/2024 07:20	2.6	123	26	4.3	0.0
16/03/2024 07:30	2.8	121	28	4.9	0.0
16/03/2024 07:40	3.0	125	28	5.2	0.0
16/03/2024 07:50	2.8	119	27	5.2	0.0
16/03/2024 08:00	3.2	126	28	5.6	0.0
16/03/2024 08:10	3.0	113	30	5.8	0.0
16/03/2024 08:20	2.5	115	30	5.4	0.0
16/03/2024 08:30	3.5	113	30	5.6	0.0
16/03/2024 08:40	3.1	114	30	5.7	0.0
16/03/2024 08:50	3.1	117	27	5.2	0.0
16/03/2024 09:00	3.4	110	29	6.1	0.0
16/03/2024 09:10	2.9	109	32	5.2	0.0
16/03/2024 09:20	3.0	105	31	5.4	0.0
16/03/2024 09:30	3.4	98	27	6.3	0.0
16/03/2024 09:40	2.8	105	26	5.6	0.0
16/03/2024 09:50	3.2	101	27	5.5	0.0
16/03/2024 10:00	3.4	97	23	5.6	0.0
16/03/2024 10:10	3.3	82	21	5.9	0.0
16/03/2024 10:20	4.1	89	18	6.4	0.0
16/03/2024 10:30	3.4	93	23	6.2	0.0
16/03/2024 10:40	4.1	75	21	6.6	0.0
16/03/2024 10:50	4.0	81	21	6.2	0.0
16/03/2024 11:00	4.2	83	19	6.5	0.0
16/03/2024 11:10	3.5	84	21	6.0	0.0
16/03/2024 11:20	3.0	76	22	5.2	0.0
16/03/2024 11:30	3.6	88	21	5.7	0.0
16/03/2024 11:40	3.6	83	22	5.6	0.0
16/03/2024 11:50	3.5	83	24	5.6	0.0
16/03/2024 12:00	3.9	58	21	6.0	0.0
16/03/2024 12:10	4.0	64	18	6.1	0.0
16/03/2024 12:20	3.7	60	21	6.0	0.0
16/03/2024 12:30	3.9	58	17	6.0	0.0
16/03/2024 12:40	3.8	58	20	6.3	0.0
16/03/2024 12:50	4.0	72	18	6.3	0.0
16/03/2024 13:00	3.5	64	20	5.9	0.0
16/03/2024 13:10	4.0	62	18	6.6	0.0
16/03/2024 13:20	3.6	62	23	5.6	0.0
16/03/2024 13:30	4.2	57	17	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 13:40	4.3	55	20	6.4	0.0
16/03/2024 13:50	3.9	56	19	6.5	0.0
16/03/2024 14:00	3.5	48	18	6.0	0.0
16/03/2024 14:10	4.9	46	18	7.7	0.0
16/03/2024 14:20	5.7	53	17	8.0	0.0
16/03/2024 14:30	5.0	51	19	7.9	0.0
16/03/2024 14:40	5.2	52	16	7.7	0.0
16/03/2024 14:50	5.5	50	17	8.1	0.0
16/03/2024 15:00	5.2	48	16	7.9	0.0
16/03/2024 15:10	4.8	46	23	7.5	0.0
16/03/2024 15:20	4.7	49	18	8.1	0.0
16/03/2024 15:30	4.8	46	19	7.2	0.0
16/03/2024 15:40	4.4	52	17	7.0	0.0
16/03/2024 15:50	4.6	43	18	7.3	0.0
16/03/2024 16:00	5.2	46	20	8.0	0.0
16/03/2024 16:10	4.7	46	19	7.5	0.0
16/03/2024 16:20	4.9	41	20	7.0	0.0
16/03/2024 16:30	5.0	50	19	8.1	0.0
16/03/2024 16:40	4.8	50	18	7.6	0.0
16/03/2024 16:50	4.2	50	17	6.6	0.0
16/03/2024 17:00	4.2	54	18	6.7	0.0
16/03/2024 17:10	4.1	45	20	6.7	0.0
16/03/2024 17:20	4.1	51	17	6.2	0.0
16/03/2024 17:30	4.3	48	17	6.8	0.0
16/03/2024 17:40	3.5	52	19	5.6	0.0
16/03/2024 17:50	3.9	51	17	6.8	0.0
16/03/2024 18:00	4.0	50	18	6.0	0.0
16/03/2024 18:10	4.1	46	17	6.5	0.0
16/03/2024 18:20	3.9	45	18	6.4	0.0
16/03/2024 18:30	3.4	50	20	5.8	0.0
16/03/2024 18:40	4.0	48	18	6.1	0.0
16/03/2024 18:50	3.7	46	19	5.5	0.0
16/03/2024 19:00	3.8	50	19	6.5	0.0
16/03/2024 19:10	3.7	49	18	6.4	0.0
16/03/2024 19:20	3.7	49	18	6.0	0.0
16/03/2024 19:30	3.7	46	18	6.0	0.0
16/03/2024 19:40	3.2	46	19	5.6	0.0
16/03/2024 19:50	3.1	46	20	5.6	0.0
16/03/2024 20:00	3.5	40	20	5.3	0.0
16/03/2024 20:10	3.4	33	20	5.5	0.0
16/03/2024 20:20	4.0	45	16	6.2	0.0
16/03/2024 20:30	2.8	38	20	5.0	0.0
16/03/2024 20:40	3.5	39	20	5.6	0.0
16/03/2024 20:50	3.1	42	20	5.2	0.0
16/03/2024 21:00	3.5	43	20	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 21:10	3.3	40	22	5.7	0.0
16/03/2024 21:20	3.4	38	19	5.2	0.0
16/03/2024 21:30	3.0	43	19	5.0	0.0
16/03/2024 21:40	3.1	45	18	4.8	0.0
16/03/2024 21:50	2.8	46	19	4.0	0.0
16/03/2024 22:00	2.6	45	19	4.0	0.0
16/03/2024 22:10	1.6	62	19	2.8	0.0
16/03/2024 22:20	1.6	69	20	2.8	0.0
16/03/2024 22:30	1.7	63	22	3.2	0.0
16/03/2024 22:40	1.4	63	22	2.5	0.0
16/03/2024 22:50	1.1	59	15	2.4	0.0
16/03/2024 23:00	1.1	54	17	2.8	0.0
16/03/2024 23:10	1.8	59	18	3.4	0.0
16/03/2024 23:20	1.3	59	17	2.8	0.0
16/03/2024 23:30	1.7	57	17	2.9	0.0
16/03/2024 23:40	1.7	62	18	2.6	0.0
16/03/2024 23:50	1.5	64	19	2.5	0.0
17/03/2024 00:00	1.4	58	21	2.6	0.0
17/03/2024 00:10	1.6	58	19	2.8	0.0
17/03/2024 00:20	1.4	63	21	2.4	0.0
17/03/2024 00:30	1.4	72	19	2.8	0.0
17/03/2024 00:40	0.9	73	19	2.0	0.0
17/03/2024 00:50	1.7	67	18	2.6	0.0
17/03/2024 01:00	1.4	63	20	2.6	0.0
17/03/2024 01:10	1.7	63	17	3.2	0.0
17/03/2024 01:20	1.6	66	20	2.8	0.0
17/03/2024 01:30	1.3	68	19	2.4	0.0
17/03/2024 01:40	1.3	64	20	2.4	0.0
17/03/2024 01:50	1.1	55	14	2.5	0.0
17/03/2024 02:00	1.3	56	17	2.4	0.0
17/03/2024 02:10	0.9	56	15	2.4	0.0
17/03/2024 02:20	0.9	63	16	2.4	0.0
17/03/2024 02:30	0.7	61	15	2.3	0.0
17/03/2024 02:40	1.2	63	19	2.4	0.0
17/03/2024 02:50	1.6	63	19	3.5	0.0
17/03/2024 03:00	1.6	62	18	3.0	0.0
17/03/2024 03:10	1.5	71	18	2.5	0.0
17/03/2024 03:20	1.5	67	20	2.7	0.0
17/03/2024 03:30	1.6	64	19	2.7	0.0
17/03/2024 03:40	1.6	68	18	2.8	0.0
17/03/2024 03:50	1.4	61	20	2.4	0.0
17/03/2024 04:00	1.4	62	19	2.6	0.0
17/03/2024 04:10	1.6	61	19	2.9	0.0
17/03/2024 04:20	1.0	62	19	2.7	0.0
17/03/2024 04:30	0.6	56	12	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 04:40	1.4	57	17	2.9	0.0
17/03/2024 04:50	1.6	50	15	3.3	0.0
17/03/2024 05:00	1.7	53	19	3.6	0.0
17/03/2024 05:10	2.0	54	18	3.6	0.0
17/03/2024 05:20	1.6	60	18	3.3	0.0
17/03/2024 05:30	1.9	61	18	3.2	0.0
17/03/2024 05:40	1.8	56	19	2.8	0.0
17/03/2024 05:50	1.5	53	19	2.9	0.0
17/03/2024 06:00	1.5	54	19	2.5	0.0
17/03/2024 06:10	1.2	53	15	2.8	0.0
17/03/2024 06:20	0.7	56	14	2.3	0.0
17/03/2024 06:30	0.1	47	5	1.2	0.0
17/03/2024 06:40	0.3	62	10	2.2	0.0
17/03/2024 06:50	0.9	61	15	2.9	0.0
17/03/2024 07:00	1.3	60	22	2.8	0.0
17/03/2024 07:10	1.5	72	19	3.1	0.0
17/03/2024 07:20	2.1	70	19	3.5	0.0
17/03/2024 07:30	2.2	69	20	3.4	0.0
17/03/2024 07:40	1.9	69	24	3.6	0.0
17/03/2024 07:50	2.1	65	20	3.5	0.0
17/03/2024 08:00	1.9	62	19	3.7	0.0
17/03/2024 08:10	1.5	65	20	3.2	0.0
17/03/2024 08:20	1.9	64	16	3.8	0.0
17/03/2024 08:30	2.5	63	23	4.2	0.0
17/03/2024 08:40	2.7	61	18	4.1	0.0
17/03/2024 08:50	2.5	69	22	3.8	0.0
17/03/2024 09:00	2.0	82	22	3.6	0.0
17/03/2024 09:10	2.5	88	28	4.0	0.0
17/03/2024 09:20	2.7	89	25	4.8	0.0
17/03/2024 09:30	2.4	89	24	3.7	0.0
17/03/2024 09:40	1.6	90	22	3.6	0.0
17/03/2024 09:50	1.9	81	25	4.0	0.0
17/03/2024 10:00	2.7	90	24	4.1	0.0
17/03/2024 10:10	2.6	79	25	4.8	0.0
17/03/2024 10:20	3.3	63	24	5.4	0.0
17/03/2024 10:30	3.2	68	23	4.5	0.0
17/03/2024 10:40	3.5	61	22	5.5	0.0
17/03/2024 10:50	4.7	61	24	8.7	0.3
17/03/2024 11:00	6.0	64	24	9.5	0.8
17/03/2024 11:10	5.7	72	17	8.9	0.9
17/03/2024 11:20	5.8	64	22	8.7	1.0
17/03/2024 11:30	5.6	65	17	8.5	3.7
17/03/2024 11:40	4.5	74	25	7.1	0.5
17/03/2024 11:50	4.2	72	19	7.2	0.4
17/03/2024 12:00	3.8	82	24	6.4	0.4



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 12:10	4.4	85	19	6.5	0.0
17/03/2024 12:20	3.3	84	18	5.5	0.0
17/03/2024 12:30	2.5	77	21	4.9	0.0
17/03/2024 12:40	3.0	77	22	4.7	0.0
17/03/2024 12:50	2.6	67	21	4.4	0.0
17/03/2024 13:00	2.1	67	23	3.6	0.0
17/03/2024 13:10	2.4	66	20	3.6	0.0
17/03/2024 13:20	2.5	65	17	4.1	0.0
17/03/2024 13:30	2.4	58	21	4.0	0.0
17/03/2024 13:40	3.2	58	17	5.2	0.0
17/03/2024 13:50	3.4	49	19	5.4	0.0
17/03/2024 14:00	3.3	50	18	4.8	0.0
17/03/2024 14:10	2.7	56	21	4.6	0.0
17/03/2024 14:20	3.1	52	18	5.2	0.0
17/03/2024 14:30	3.2	63	20	5.8	0.0
17/03/2024 14:40	2.8	68	20	5.0	0.0
17/03/2024 14:50	2.8	63	20	4.4	0.0
17/03/2024 15:00	2.9	60	18	4.8	0.0
17/03/2024 15:10	3.2	55	20	5.4	0.0
17/03/2024 15:20	3.4	53	19	5.5	0.0
17/03/2024 15:30	3.2	63	20	5.5	0.0
17/03/2024 15:40	3.0	54	20	5.2	0.0
17/03/2024 15:50	3.0	55	22	4.8	0.0
17/03/2024 16:00	2.9	56	19	4.5	0.0
17/03/2024 16:10	2.5	62	18	3.9	0.0
17/03/2024 16:20	2.5	67	20	3.9	0.0
17/03/2024 16:30	2.3	63	21	4.2	0.0
17/03/2024 16:40	2.4	63	22	4.1	0.0
17/03/2024 16:50	2.6	58	19	4.2	0.0
17/03/2024 17:00	2.5	59	20	4.2	0.0
17/03/2024 17:10	2.5	62	17	4.4	0.0
17/03/2024 17:20	2.4	58	19	4.0	0.0
17/03/2024 17:30	2.5	53	22	4.2	0.0
17/03/2024 17:40	2.7	50	16	4.1	0.0
17/03/2024 17:50	2.3	53	18	3.6	0.0
17/03/2024 18:00	2.4	50	19	4.2	0.0
17/03/2024 18:10	2.4	50	17	4.0	0.0
17/03/2024 18:20	2.4	42	19	4.3	0.0
17/03/2024 18:30	2.7	45	19	4.3	0.0
17/03/2024 18:40	2.3	39	19	3.8	0.0
17/03/2024 18:50	2.3	38	22	3.9	0.0
17/03/2024 19:00	2.7	45	20	4.2	0.0
17/03/2024 19:10	2.4	38	20	3.6	0.0
17/03/2024 19:20	1.8	40	19	3.3	0.0
17/03/2024 19:30	1.8	38	19	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 19:40	1.8	43	19	3.3	0.0
17/03/2024 19:50	1.1	45	19	2.0	0.0
17/03/2024 20:00	1.2	37	20	2.4	0.0
17/03/2024 20:10	1.3	38	17	2.7	0.0
17/03/2024 20:20	1.8	39	19	2.7	0.0
17/03/2024 20:30	1.9	39	19	3.2	0.0
17/03/2024 20:40	2.6	26	25	4.4	0.0
17/03/2024 20:50	2.5	21	25	4.6	0.0
17/03/2024 21:00	2.3	21	24	4.2	0.0
17/03/2024 21:10	1.8	26	23	3.1	0.0
17/03/2024 21:20	1.7	18	19	2.6	0.0
17/03/2024 21:30	1.0	24	17	2.0	0.0
17/03/2024 21:40	1.2	16	18	2.0	0.0
17/03/2024 21:50	1.2	35	16	1.9	0.0
17/03/2024 22:00	1.0	47	15	1.8	0.0
17/03/2024 22:10	0.1	57	6	1.2	0.0
17/03/2024 22:20					0.0
17/03/2024 22:30	0.8	35	17	2.2	0.0
17/03/2024 22:40	1.8	37	18	3.2	0.0
17/03/2024 22:50	2.1	33	18	3.5	0.0
17/03/2024 23:00	1.9	34	17	3.1	0.0
17/03/2024 23:10	1.7	33	19	2.9	0.0
17/03/2024 23:20	1.2	40	18	2.1	0.0
17/03/2024 23:30	0.9	43	19	1.7	0.0
17/03/2024 23:40	0.9	53	14	2.0	0.0
17/03/2024 23:50	1.2	40	19	2.1	0.0
18/03/2024 00:00	1.2	41	20	2.3	0.0
18/03/2024 00:10	1.3	52	17	2.3	0.0
18/03/2024 00:20	1.4	53	19	2.2	0.0
18/03/2024 00:30	1.6	48	18	2.4	0.0
18/03/2024 00:40	1.5	53	17	2.9	0.0
18/03/2024 00:50	1.2	53	21	2.4	0.0
18/03/2024 01:00	1.3	56	20	2.1	0.0
18/03/2024 01:10	1.2	58	19	1.9	0.0
18/03/2024 01:20	1.5	60	19	2.4	0.0
18/03/2024 01:30	1.6	57	16	3.4	0.0
18/03/2024 01:40	1.4	74	20	2.3	0.0
18/03/2024 01:50	1.4	77	22	2.4	0.0
18/03/2024 02:00	1.4	67	21	2.3	0.0
18/03/2024 02:10	1.7	69	22	2.8	0.0
18/03/2024 02:20	1.9	79	22	3.0	0.0
18/03/2024 02:30	2.3	108	29	4.0	0.0
18/03/2024 02:40	2.1	126	31	3.8	0.0
18/03/2024 02:50	2.2	132	35	3.9	0.0
18/03/2024 03:00	2.8	129	23	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 03:10	3.5	124	29	6.2	0.0
18/03/2024 03:20	3.9	126	26	6.9	0.0
18/03/2024 03:30	3.4	126	26	5.5	0.0
18/03/2024 03:40	3.1	131	25	5.2	0.0
18/03/2024 03:50	3.0	117	33	5.0	0.0
18/03/2024 04:00	2.9	111	36	5.3	0.0
18/03/2024 04:10	2.7	112	33	4.8	0.0
18/03/2024 04:20	2.5	110	28	4.0	0.0
18/03/2024 04:30	2.2	103	30	3.8	0.0
18/03/2024 04:40	2.0	106	26	3.2	0.0
18/03/2024 04:50	2.0	111	26	3.4	0.0
18/03/2024 05:00	1.5	105	33	2.8	0.0
18/03/2024 05:10	1.6	109	32	2.9	0.0
18/03/2024 05:20	1.9	94	25	3.4	0.0
18/03/2024 05:30	1.7	96	29	2.7	0.0
18/03/2024 05:40	1.8	91	21	3.1	0.0
18/03/2024 05:50	2.0	90	24	3.2	0.0
18/03/2024 06:00	1.9	82	21	3.2	0.0
18/03/2024 06:10	1.6	92	22	2.7	0.0
18/03/2024 06:20	1.8	87	24	3.1	0.0
18/03/2024 06:30	1.4	81	23	2.4	0.0
18/03/2024 06:40	1.7	77	20	3.0	0.0
18/03/2024 06:50	1.7	79	19	3.2	0.0
18/03/2024 07:00	2.2	74	20	3.5	0.0
18/03/2024 07:10	1.9	80	18	3.4	0.0
18/03/2024 07:20	1.6	82	23	2.9	0.0
18/03/2024 07:30	2.2	64	21	4.0	0.1
18/03/2024 07:40	2.2	56	21	4.3	0.0
18/03/2024 07:50	2.6	53	19	4.1	0.0
18/03/2024 08:00	2.3	49	18	3.7	0.0
18/03/2024 08:10	2.1	44	16	3.6	0.0
18/03/2024 08:20	1.9	47	22	2.9	0.0
18/03/2024 08:30	2.0	53	19	3.4	0.0
18/03/2024 08:40	2.1	54	22	3.2	0.0
18/03/2024 08:50	1.9	60	20	3.2	0.0
18/03/2024 09:00	1.7	48	24	3.5	0.0
18/03/2024 09:10	2.7	55	22	4.5	0.0
18/03/2024 09:20	2.8	60	18	4.6	0.0
18/03/2024 09:30	2.7	59	19	4.4	0.0
18/03/2024 09:40	2.7	68	20	4.4	0.0
18/03/2024 09:50	2.8	64	19	4.3	0.0
18/03/2024 10:00	3.0	63	24	5.2	0.0
18/03/2024 10:10	2.8	64	21	4.4	0.0
18/03/2024 10:20	2.8	64	17	4.1	0.0
18/03/2024 10:30	2.6	63	20	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 10:40	2.5	66	19	4.1	0.0
18/03/2024 10:50	2.6	59	22	4.4	0.0
18/03/2024 11:00	2.7	57	21	5.2	0.0
18/03/2024 11:10	3.2	50	18	6.0	0.0
18/03/2024 11:20	2.9	60	22	5.3	0.0
18/03/2024 11:30	2.8	59	23	5.9	0.0
18/03/2024 11:40	3.0	49	20	5.3	0.0
18/03/2024 11:50	2.8	56	21	5.3	0.0
18/03/2024 12:00	2.6	52	21	5.3	0.0
18/03/2024 12:10	2.5	50	22	5.1	0.0
18/03/2024 12:20	2.5	59	21	4.2	0.0
18/03/2024 12:30	2.9	56	22	4.6	0.0
18/03/2024 12:40	2.8	52	21	4.8	0.0
18/03/2024 12:50	3.1	61	21	4.6	0.0
18/03/2024 13:00	2.8	61	21	4.9	0.0
18/03/2024 13:10	3.0	56	19	5.2	0.0
18/03/2024 13:20	2.8	53	22	4.6	0.0
18/03/2024 13:30	2.7	47	17	4.4	0.0
18/03/2024 13:40	2.9	52	20	5.0	0.0
18/03/2024 13:50	2.9	55	20	4.8	0.0
18/03/2024 14:00	2.7	62	20	5.2	0.0
18/03/2024 14:10	2.3	67	21	4.2	0.0
18/03/2024 14:20	2.6	71	21	4.4	0.0
18/03/2024 14:30	2.2	64	20	3.7	0.0
18/03/2024 14:40	2.5	65	21	3.9	0.0
18/03/2024 14:50	2.6	61	22	4.5	0.0
18/03/2024 15:00	2.9	61	20	4.8	0.0
18/03/2024 15:10	2.8	63	21	5.2	0.0
18/03/2024 15:20	2.7	73	18	4.4	0.0
18/03/2024 15:30	2.8	66	20	4.4	0.0
18/03/2024 15:40	2.6	59	20	4.4	0.0
18/03/2024 15:50	2.6	61	19	4.0	0.0
18/03/2024 16:00	2.3	63	21	3.9	0.0
18/03/2024 16:10	2.3	62	21	4.0	0.0
18/03/2024 16:20	2.6	60	19	4.3	0.0
18/03/2024 16:30	2.5	63	19	3.7	0.0
18/03/2024 16:40	3.0	54	17	4.7	0.0
18/03/2024 16:50	2.6	56	21	4.4	0.0
18/03/2024 17:00	2.3	66	19	3.7	0.0
18/03/2024 17:10	2.3	64	22	3.6	0.0
18/03/2024 17:20	2.0	51	22	3.4	0.0
18/03/2024 17:30	2.3	58	19	3.3	0.0
18/03/2024 17:40	2.1	60	18	3.6	0.0
18/03/2024 17:50	2.3	58	18	3.8	0.0
18/03/2024 18:00	2.0	58	21	3.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 18:10	1.6	58	19	2.9	0.0
18/03/2024 18:20	2.2	49	16	4.4	0.0
18/03/2024 18:30	2.3	42	21	3.8	0.0
18/03/2024 18:40	2.2	48	19	3.9	0.0
18/03/2024 18:50	2.1	45	21	4.0	0.0
18/03/2024 19:00	1.9	32	22	2.8	0.0
18/03/2024 19:10	2.1	39	23	3.0	0.0
18/03/2024 19:20	2.2	44	18	3.3	0.0
18/03/2024 19:30	1.7	36	20	2.8	0.0
18/03/2024 19:40	1.9	39	19	3.1	0.0
18/03/2024 19:50	2.2	45	19	3.3	0.0
18/03/2024 20:00	2.0	41	16	3.2	0.0
18/03/2024 20:10	2.0	42	19	3.2	0.0
18/03/2024 20:20	1.7	44	18	2.5	0.0
18/03/2024 20:30	1.7	46	19	3.0	0.0
18/03/2024 20:40	1.3	38	19	1.9	0.0
18/03/2024 20:50	1.3	36	19	2.3	0.0
18/03/2024 21:00	1.3	39	17	2.0	0.0
18/03/2024 21:10	1.3	47	15	2.1	0.0
18/03/2024 21:20	1.2	41	17	2.1	0.0
18/03/2024 21:30	1.5	44	17	2.6	0.0
18/03/2024 21:40	1.0	41	18	2.0	0.0
18/03/2024 21:50	1.5	38	21	2.7	0.0
18/03/2024 22:00	1.6	42	18	2.8	0.0
18/03/2024 22:10	1.7	49	18	2.7	0.0
18/03/2024 22:20	1.3	49	18	2.6	0.0
18/03/2024 22:30	1.4	50	18	2.6	0.0
18/03/2024 22:40	1.6	45	15	2.6	0.0
18/03/2024 22:50	1.6	49	18	2.4	0.0
18/03/2024 23:00	1.9	45	20	2.9	0.0
18/03/2024 23:10	1.9	36	20	3.0	0.0
18/03/2024 23:20	2.0	43	17	3.0	0.0
18/03/2024 23:30	1.8	39	15	3.1	0.0
18/03/2024 23:40	1.4	37	17	2.2	0.0
18/03/2024 23:50	1.8	43	18	3.0	0.0
19/03/2024 00:00	1.6	42	18	2.4	0.0
19/03/2024 00:10	1.3	44	17	2.0	0.0
19/03/2024 00:20	1.6	42	16	2.5	0.0
19/03/2024 00:30	1.7	45	16	2.7	0.0
19/03/2024 00:40	1.7	44	17	2.8	0.0
19/03/2024 00:50	1.7	48	17	2.5	0.0
19/03/2024 01:00	1.5	45	18	2.4	0.0
19/03/2024 01:10	1.5	53	20	2.8	0.0
19/03/2024 01:20	1.5	50	20	2.6	0.0
19/03/2024 01:30	1.3	41	19	2.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 01:40	1.6	39	17	2.5	0.0
19/03/2024 01:50	1.4	40	17	2.2	0.0
19/03/2024 02:00	1.4	35	20	2.3	0.0
19/03/2024 02:10	1.4	34	19	2.0	0.0
19/03/2024 02:20	1.2	31	19	2.0	0.0
19/03/2024 02:30	1.2	37	17	2.0	0.0
19/03/2024 02:40	1.0	44	19	1.5	0.0
19/03/2024 02:50	1.1	37	19	1.9	0.0
19/03/2024 03:00	1.3	31	19	2.1	0.0
19/03/2024 03:10	1.4	31	17	2.2	0.0
19/03/2024 03:20	1.3	38	17	2.0	0.0
19/03/2024 03:30	1.3	43	20	2.1	0.0
19/03/2024 03:40	1.5	40	19	2.7	0.0
19/03/2024 03:50	1.0	46	17	2.0	0.0
19/03/2024 04:00	1.0	44	17	1.6	0.0
19/03/2024 04:10	1.2	47	21	2.0	0.0
19/03/2024 04:20	1.2	41	18	2.0	0.0
19/03/2024 04:30	1.0	41	15	1.7	0.0
19/03/2024 04:40	1.0	49	22	2.1	0.0
19/03/2024 04:50	1.2	69	19	2.3	0.0
19/03/2024 05:00	1.1	58	20	2.4	0.0
19/03/2024 05:10	1.2	41	17	2.1	0.0
19/03/2024 05:20	1.1	43	14	1.7	0.0
19/03/2024 05:30	1.3	41	19	2.2	0.0
19/03/2024 05:40	1.4	26	18	2.4	0.0
19/03/2024 05:50	1.1	35	17	1.7	0.0
19/03/2024 06:00	0.9	33	17	1.3	0.0
19/03/2024 06:10	1.0	36	15	1.7	0.0
19/03/2024 06:20	1.0	29	17	1.6	0.0
19/03/2024 06:30	1.1	27	16	1.5	0.0
19/03/2024 06:40	1.2	37	18	1.9	0.0
19/03/2024 06:50	1.2	38	14	1.6	0.0
19/03/2024 07:00	0.8	47	19	1.3	0.0
19/03/2024 07:10	0.3	65	12	1.6	0.0
19/03/2024 07:20	0.6	72	15	2.0	0.0
19/03/2024 07:30	1.4	83	20	2.7	0.0
19/03/2024 07:40	1.7	68	20	3.0	0.0
19/03/2024 07:50	1.9	73	20	3.0	0.0
19/03/2024 08:00	1.7	76	27	2.9	0.0
19/03/2024 08:10	2.0	80	22	3.2	0.0
19/03/2024 08:20	1.7	99	22	3.2	0.0
19/03/2024 08:30	2.0	107	29	3.2	0.0
19/03/2024 08:40	2.0	112	32	3.6	0.0
19/03/2024 08:50	2.0	113	32	4.1	0.0
19/03/2024 09:00	1.5	97	23	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 09:10	2.1	83	22	3.6	0.0
19/03/2024 09:20	2.2	81	22	4.3	0.0
19/03/2024 09:30	2.6	81	22	4.5	0.0
19/03/2024 09:40	2.0	75	22	4.2	0.0
19/03/2024 09:50	2.3	82	21	4.0	0.0
19/03/2024 10:00	2.7	92	25	4.4	0.0
19/03/2024 10:10	2.5	70	25	4.1	0.0
19/03/2024 10:20	2.5	60	20	4.6	0.0
19/03/2024 10:30	2.7	73	20	4.3	0.0
19/03/2024 10:40	2.5	69	22	4.4	0.0
19/03/2024 10:50	2.5	68	21	4.4	0.0
19/03/2024 11:00	2.7	63	25	4.4	0.0
19/03/2024 11:10	2.7	61	24	4.8	0.0
19/03/2024 11:20	2.6	64	21	3.8	0.0
19/03/2024 11:30	2.7	63	20	4.4	0.0
19/03/2024 11:40	2.7	66	21	4.1	0.0
19/03/2024 11:50	2.8	67	22	4.5	0.0
19/03/2024 12:00	2.8	62	22	5.3	0.0
19/03/2024 12:10	2.9	64	22	4.5	0.0
19/03/2024 12:20	3.0	67	20	4.4	0.0
19/03/2024 12:30	2.8	70	22	4.4	0.0
19/03/2024 12:40	2.8	66	21	4.6	0.0
19/03/2024 12:50	3.0	60	22	5.2	0.0
19/03/2024 13:00	2.8	66	24	4.8	0.0
19/03/2024 13:10	3.2	72	20	5.3	0.0
19/03/2024 13:20	3.2	61	20	5.1	0.0
19/03/2024 13:30	3.0	63	21	4.5	0.0
19/03/2024 13:40	3.1	59	22	5.0	0.0
19/03/2024 13:50	3.1	67	22	4.9	0.0
19/03/2024 14:00	3.4	65	21	5.4	0.0
19/03/2024 14:10	3.0	71	26	5.0	0.0
19/03/2024 14:20	3.0	64	19	4.4	0.0
19/03/2024 14:30	3.1	69	23	5.1	0.0
19/03/2024 14:40	3.0	65	21	4.9	0.0
19/03/2024 14:50	3.2	51	19	5.4	0.0
19/03/2024 15:00	3.1	50	21	4.9	0.0
19/03/2024 15:10	2.8	59	19	4.3	0.0
19/03/2024 15:20	2.9	60	19	4.8	0.0
19/03/2024 15:30	3.0	53	19	4.9	0.0
19/03/2024 15:40	3.1	58	21	5.5	0.0
19/03/2024 15:50	3.5	50	19	4.8	0.0
19/03/2024 16:00	3.1	47	20	5.0	0.0
19/03/2024 16:10	3.3	46	19	5.5	0.0
19/03/2024 16:20	3.4	47	20	5.5	0.0
19/03/2024 16:30	3.0	44	22	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 16:40	3.1	36	22	4.7	0.0
19/03/2024 16:50	2.7	35	22	4.4	0.0
19/03/2024 17:00	3.0	30	22	5.4	0.0
19/03/2024 17:10	3.0	34	21	5.3	0.0
19/03/2024 17:20	2.8	43	20	4.5	0.0
19/03/2024 17:30	3.6	41	20	5.6	0.0
19/03/2024 17:40	3.2	40	19	5.2	0.0
19/03/2024 17:50	3.0	39	22	5.2	0.0
19/03/2024 18:00	3.4	41	21	5.7	0.0
19/03/2024 18:10	3.5	37	20	5.4	0.0
19/03/2024 18:20	3.1	29	23	4.8	0.0
19/03/2024 18:30	3.0	35	24	4.9	0.0
19/03/2024 18:40	2.7	40	19	4.4	0.0
19/03/2024 18:50	3.0	39	20	5.2	0.0
19/03/2024 19:00	2.7	38	21	4.4	0.0
19/03/2024 19:10	2.9	41	20	4.8	0.0
19/03/2024 19:20	3.3	43	19	5.6	0.0
19/03/2024 19:30	3.3	39	16	5.2	0.0
19/03/2024 19:40	3.5	42	22	5.4	0.0
19/03/2024 19:50	3.0	40	19	4.4	0.0
19/03/2024 20:00	3.1	44	20	4.8	0.0
19/03/2024 20:10	2.9	40	20	4.7	0.0
19/03/2024 20:20	2.5	44	20	4.3	0.0
19/03/2024 20:30	2.5	35	19	3.6	0.0
19/03/2024 20:40	2.4	39	19	3.9	0.0
19/03/2024 20:50	2.8	41	23	4.3	0.0
19/03/2024 21:00	2.4	38	21	3.9	0.0
19/03/2024 21:10	2.8	34	20	4.6	0.0
19/03/2024 21:20	2.3	30	18	3.7	0.0
19/03/2024 21:30	2.5	39	20	3.9	0.0
19/03/2024 21:40	2.4	32	18	4.0	0.0
19/03/2024 21:50	1.8	36	22	3.0	0.0
19/03/2024 22:00	1.9	37	19	2.9	0.0
19/03/2024 22:10	2.2	30	21	3.7	0.0
19/03/2024 22:20	2.2	34	23	3.8	0.0
19/03/2024 22:30	2.2	40	19	3.4	0.0
19/03/2024 22:40	1.9	38	20	3.4	0.0
19/03/2024 22:50	2.3	42	19	3.9	0.0
19/03/2024 23:00	1.5	35	22	2.4	0.0
19/03/2024 23:10	1.3	40	23	2.6	0.0
19/03/2024 23:20	0.2	42	10	1.8	0.0
19/03/2024 23:30	0.7	40	12	2.3	0.0
19/03/2024 23:40	0.2	29	10	1.7	0.0
19/03/2024 23:50					0.0
20/03/2024 00:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 00:10	0.0	83	1	0.9	0.0
20/03/2024 00:20	0.2	79	4	1.2	0.0
20/03/2024 00:30	0.3	47	8	2.0	0.0
20/03/2024 00:40	0.2	63	11	1.4	0.0
20/03/2024 00:50	0.4	50	9	2.1	0.0
20/03/2024 01:00	0.3	51	12	1.2	0.0
20/03/2024 01:10	0.3	68	8	1.0	0.0
20/03/2024 01:20	0.6	76	11	1.6	0.0
20/03/2024 01:30	0.3	55	12	1.4	0.0
20/03/2024 01:40	0.4	59	11	1.3	0.0
20/03/2024 01:50	0.6	73	17	1.6	0.0
20/03/2024 02:00	0.2	65	11	1.6	0.0
20/03/2024 02:10					0.0
20/03/2024 02:20					0.0
20/03/2024 02:30					0.0
20/03/2024 02:40	0.0	62	4	0.9	0.0
20/03/2024 02:50	0.0	55	3	0.7	0.0
20/03/2024 03:00	0.2	63	10	1.8	0.0
20/03/2024 03:10	0.7	35	16	1.6	0.0
20/03/2024 03:20	0.9	35	19	2.1	0.0
20/03/2024 03:30	0.5	47	13	1.6	0.0
20/03/2024 03:40	0.0	62	3	1.1	0.0
20/03/2024 03:50					0.0
20/03/2024 04:00	0.0	64	0	0.6	0.0
20/03/2024 04:10	0.0	39	8	0.8	0.0
20/03/2024 04:20					0.0
20/03/2024 04:30	0.7	73	15	2.4	0.0
20/03/2024 04:40	1.3	80	21	3.0	0.0
20/03/2024 04:50	0.9	100	23	2.4	0.0
20/03/2024 05:00	1.0	94	24	2.8	0.0
20/03/2024 05:10	1.6	103	29	3.1	0.1
20/03/2024 05:20	1.7	84	21	3.0	0.0
20/03/2024 05:30	1.6	89	26	2.7	0.0
20/03/2024 05:40	1.0	113	27	2.4	0.0
20/03/2024 05:50	1.2	123	27	2.9	0.0
20/03/2024 06:00	1.2	132	28	2.8	0.0
20/03/2024 06:10	0.8	86	17	2.2	0.0
20/03/2024 06:20	0.7	132	29	1.4	0.0
20/03/2024 06:30					0.0
20/03/2024 06:40					0.0
20/03/2024 06:50					0.0
20/03/2024 07:00					0.0
20/03/2024 07:10	0.3	92	13	1.2	0.0
20/03/2024 07:20	0.6	118	21	1.6	0.0
20/03/2024 07:30	0.6	118	24	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 07:40	0.8	101	24	2.1	0.0
20/03/2024 07:50	1.3	100	22	3.6	0.0
20/03/2024 08:00	2.1	93	26	3.4	0.0
20/03/2024 08:10	2.1	101	28	3.8	0.0
20/03/2024 08:20	2.5	101	32	4.6	0.0
20/03/2024 08:30	2.5	98	25	4.8	0.0
20/03/2024 08:40	2.5	91	23	4.0	0.1
20/03/2024 08:50	2.8	94	24	4.6	0.0
20/03/2024 09:00	3.2	82	21	5.4	0.0
20/03/2024 09:10	3.7	82	21	6.4	0.0
20/03/2024 09:20	3.6	86	24	5.6	0.0
20/03/2024 09:30	3.7	84	22	6.0	0.0
20/03/2024 09:40	3.6	90	25	5.6	0.0
20/03/2024 09:50	4.1	89	23	6.2	0.0
20/03/2024 10:00	3.5	91	26	5.6	0.0
20/03/2024 10:10	3.9	84	22	6.4	0.0
20/03/2024 10:20	3.7	90	24	5.3	0.0
20/03/2024 10:30	3.6	85	23	5.9	0.0
20/03/2024 10:40	3.9	81	20	6.4	0.0
20/03/2024 10:50	3.8	83	23	5.8	0.0
20/03/2024 11:00	4.1	82	21	6.7	0.0
20/03/2024 11:10	3.8	81	19	5.9	0.0
20/03/2024 11:20	3.5	76	20	5.6	0.0
20/03/2024 11:30	3.6	82	21	6.0	0.0
20/03/2024 11:40	3.6	78	22	6.1	0.0
20/03/2024 11:50	3.9	87	20	5.7	0.0
20/03/2024 12:00	3.0	80	22	4.8	0.0
20/03/2024 12:10	3.4	81	27	5.3	0.0
20/03/2024 12:20	3.3	72	23	5.4	0.0
20/03/2024 12:30	3.5	63	23	5.6	0.0
20/03/2024 12:40	3.7	64	20	5.3	0.0
20/03/2024 12:50	3.5	64	20	5.4	0.0
20/03/2024 13:00	3.4	65	21	5.1	0.0
20/03/2024 13:10	3.5	62	23	5.7	0.0
20/03/2024 13:20	3.6	67	24	5.8	0.0
20/03/2024 13:30	3.3	62	21	5.6	0.0
20/03/2024 13:40	3.2	65	21	5.2	0.0
20/03/2024 13:50	3.2	54	21	5.7	0.0
20/03/2024 14:00	3.6	55	23	6.2	0.0
20/03/2024 14:10	3.8	56	18	6.2	0.0
20/03/2024 14:20	3.4	50	20	5.4	0.0
20/03/2024 14:30	3.6	49	18	5.5	0.0
20/03/2024 14:40	3.5	50	19	6.0	0.0
20/03/2024 14:50	3.6	53	17	6.2	0.0
20/03/2024 15:00	3.7	49	18	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 15:10	3.5	50	21	5.6	0.0
20/03/2024 15:20	2.8	56	21	4.4	0.0
20/03/2024 15:30	3.5	53	16	5.6	0.0
20/03/2024 15:40	3.0	57	21	5.0	0.0
20/03/2024 15:50	2.7	60	18	4.0	0.0
20/03/2024 16:00	2.5	52	19	4.0	0.0
20/03/2024 16:10	3.0	54	20	4.7	0.0
20/03/2024 16:20	2.7	56	19	4.6	0.0
20/03/2024 16:30	2.9	52	19	4.3	0.0
20/03/2024 16:40	2.8	42	19	4.8	0.0
20/03/2024 16:50	2.4	43	22	4.3	0.0
20/03/2024 17:00	2.2	41	21	3.7	0.0
20/03/2024 17:10	2.2	45	20	3.3	0.0
20/03/2024 17:20	2.8	46	19	4.1	0.0
20/03/2024 17:30	2.5	48	19	4.0	0.0
20/03/2024 17:40	2.6	42	19	4.1	0.0
20/03/2024 17:50	2.1	43	24	3.6	0.0
20/03/2024 18:00	2.1	23	29	3.9	0.0
20/03/2024 18:10	2.1	23	28	3.5	0.0
20/03/2024 18:20	1.8	18	29	3.2	0.0
20/03/2024 18:30	2.2	18	25	4.3	0.0
20/03/2024 18:40	2.2	20	25	3.9	0.0
20/03/2024 18:50	1.6	6	25	3.0	0.0
20/03/2024 19:00	1.8	12	26	2.9	0.0
20/03/2024 19:10	1.5	18	23	3.0	0.0
20/03/2024 19:20	1.0	17	32	2.3	0.0
20/03/2024 19:30	1.8	13	27	3.4	0.0
20/03/2024 19:40	1.7	183	27	3.2	0.0
20/03/2024 19:50	1.2	178	29	2.7	0.0
20/03/2024 20:00	1.6	341	24	2.7	0.0
20/03/2024 20:10	1.4	340	26	2.4	0.0
20/03/2024 20:20	1.3	345	30	2.6	0.0
20/03/2024 20:30	1.6	346	23	2.8	0.0
20/03/2024 20:40	1.4	344	22	2.3	0.0
20/03/2024 20:50	1.6	339	19	2.8	0.0
20/03/2024 21:00	1.9	338	17	3.0	0.0
20/03/2024 21:10	1.5	340	21	3.0	0.0
20/03/2024 21:20	1.6	348	27	2.8	0.0
20/03/2024 21:30	0.7	32	24	2.1	0.0
20/03/2024 21:40	0.5	349	19	1.6	0.0
20/03/2024 21:50	0.4	178	27	1.6	0.0
20/03/2024 22:00	0.2	192	12	1.2	0.0
20/03/2024 22:10	0.5	10	21	1.4	0.0
20/03/2024 22:20					0.0
20/03/2024 22:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 22:40					0.0
20/03/2024 22:50					0.0
20/03/2024 23:00	0.0	54	0	0.4	0.0
20/03/2024 23:10					0.0
20/03/2024 23:20					0.0
20/03/2024 23:30					0.0
20/03/2024 23:40					0.0
20/03/2024 23:50					0.0
21/03/2024 00:00					0.0
21/03/2024 00:10					0.0
21/03/2024 00:20					0.0
21/03/2024 00:30					0.0
21/03/2024 00:40					0.0
21/03/2024 00:50					0.0
21/03/2024 01:00					0.0
21/03/2024 01:10					0.0
21/03/2024 01:20					0.0
21/03/2024 01:30	0.2	139	10	1.5	0.0
21/03/2024 01:40	0.9	132	29	2.3	0.0
21/03/2024 01:50	0.6	115	17	2.2	0.0
21/03/2024 02:00	1.2	103	28	2.9	0.0
21/03/2024 02:10	1.6	103	30	3.0	0.0
21/03/2024 02:20	0.8	103	30	1.6	0.0
21/03/2024 02:30	0.4	114	21	1.6	0.0
21/03/2024 02:40					0.0
21/03/2024 02:50	0.0	95	2	0.4	0.0
21/03/2024 03:00	0.0	97	4	0.4	0.0
21/03/2024 03:10					0.0
21/03/2024 03:20					0.0
21/03/2024 03:30					0.0
21/03/2024 03:40					0.0
21/03/2024 03:50					0.0
21/03/2024 04:00	0.0	195	1	0.4	0.0
21/03/2024 04:10					0.0
21/03/2024 04:20	0.1	137	9	1.1	0.0
21/03/2024 04:30					0.0
21/03/2024 04:40	0.1	124	7	1.2	0.0
21/03/2024 04:50					0.0
21/03/2024 05:00					0.0
21/03/2024 05:10	0.0	177	0	0.6	0.0
21/03/2024 05:20	0.1	187	3	0.6	0.0
21/03/2024 05:30					0.0
21/03/2024 05:40					0.0
21/03/2024 05:50					0.0
21/03/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 06:10					0.0
21/03/2024 06:20					0.0
21/03/2024 06:30					0.0
21/03/2024 06:40	0.1	86	10	1.0	0.0
21/03/2024 06:50	0.6	85	17	2.1	0.0
21/03/2024 07:00	1.4	99	30	3.1	0.0
21/03/2024 07:10	1.8	111	27	3.9	0.0
21/03/2024 07:20	1.8	105	27	3.4	0.0
21/03/2024 07:30	1.9	105	23	3.0	0.0
21/03/2024 07:40	2.0	111	27	4.0	0.0
21/03/2024 07:50	2.0	98	25	3.6	0.0
21/03/2024 08:00	2.0	102	29	3.8	0.0
21/03/2024 08:10	2.2	109	26	4.1	0.0
21/03/2024 08:20	2.1	114	25	3.8	0.0
21/03/2024 08:30	2.1	122	27	3.9	0.0
21/03/2024 08:40	2.3	105	28	4.2	0.0
21/03/2024 08:50	2.4	101	27	4.0	0.0
21/03/2024 09:00	2.1	100	26	4.2	0.0
21/03/2024 09:10	2.7	103	24	4.6	0.0
21/03/2024 09:20	2.4	107	30	4.1	0.0
21/03/2024 09:30	2.2	95	29	3.9	0.0
21/03/2024 09:40	2.9	87	23	4.4	0.0
21/03/2024 09:50	2.5	81	21	4.2	0.0
21/03/2024 10:00	2.7	72	21	4.5	0.0
21/03/2024 10:10	2.8	84	25	4.8	0.0
21/03/2024 10:20	2.7	87	21	4.7	0.0
21/03/2024 10:30	2.6	89	26	4.4	0.0
21/03/2024 10:40	2.9	85	26	4.8	0.0
21/03/2024 10:50	2.3	64	19	4.2	0.0
21/03/2024 11:00	2.7	59	19	4.4	0.0
21/03/2024 11:10	2.9	58	18	4.7	0.0
21/03/2024 11:20	2.8	59	22	5.2	0.0
21/03/2024 11:30	2.9	58	23	4.5	0.0
21/03/2024 11:40	2.9	61	27	4.4	0.0
21/03/2024 11:50	2.8	60	22	4.4	0.0
21/03/2024 12:00	2.9	57	21	4.6	0.0
21/03/2024 12:10	2.8	52	21	4.6	0.0
21/03/2024 12:20	2.8	60	24	4.3	0.0
21/03/2024 12:30	2.6	67	25	3.8	0.0
21/03/2024 12:40	2.5	75	23	4.4	0.0
21/03/2024 12:50	2.4	65	19	4.0	0.0
21/03/2024 13:00	2.3	68	22	3.6	0.0
21/03/2024 13:10	2.2	64	20	3.6	0.0
21/03/2024 13:20	1.9	63	21	4.0	0.0
21/03/2024 13:30	1.6	64	21	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 13:40	2.3	71	21	4.0	0.0
21/03/2024 13:50	2.3	65	21	3.8	0.0
21/03/2024 14:00	2.1	65	19	3.9	0.0
21/03/2024 14:10	2.3	59	21	4.0	0.0
21/03/2024 14:20	2.1	61	20	4.3	0.0
21/03/2024 14:30	2.2	62	22	4.3	0.0
21/03/2024 14:40	2.4	62	23	4.3	0.0
21/03/2024 14:50	2.5	52	21	5.0	0.0
21/03/2024 15:00	2.8	56	23	4.9	0.0
21/03/2024 15:10	2.3	62	22	4.5	0.0
21/03/2024 15:20	2.1	61	21	4.1	0.0
21/03/2024 15:30	2.2	53	22	3.9	0.0
21/03/2024 15:40	2.7	49	19	4.6	0.0
21/03/2024 15:50	2.9	53	21	4.4	0.0
21/03/2024 16:00	2.9	54	15	4.8	0.0
21/03/2024 16:10	2.6	43	20	4.4	0.0
21/03/2024 16:20	2.0	27	25	4.4	0.0
21/03/2024 16:30	2.4	188	27	4.5	0.0
21/03/2024 16:40	2.7	13	26	4.6	0.0
21/03/2024 16:50	2.8	16	27	4.4	0.0
21/03/2024 17:00	2.8	9	26	4.9	0.0
21/03/2024 17:10	2.7	21	28	4.9	0.0
21/03/2024 17:20	2.8	12	27	4.5	0.0
21/03/2024 17:30	2.9	18	26	5.0	0.0
21/03/2024 17:40	2.7	12	26	4.7	0.0
21/03/2024 17:50	2.4	5	26	4.0	0.0
21/03/2024 18:00	2.2	358	26	4.0	0.0
21/03/2024 18:10	2.3	182	28	4.0	0.0
21/03/2024 18:20	2.2	9	32	3.8	0.0
21/03/2024 18:30	2.0	12	33	3.7	0.0
21/03/2024 18:40	1.8	181	27	3.4	0.0
21/03/2024 18:50	1.7	179	31	3.8	0.0
21/03/2024 19:00	1.9	353	30	3.7	0.0
21/03/2024 19:10	2.0	350	25	3.5	0.0
21/03/2024 19:20	1.7	347	27	3.5	0.0
21/03/2024 19:30	2.2	347	24	3.6	0.0
21/03/2024 19:40	2.6	343	20	4.0	0.0
21/03/2024 19:50	2.0	347	25	3.7	0.0
21/03/2024 20:00	2.0	350	25	3.9	0.0
21/03/2024 20:10	2.3	338	25	4.0	0.0
21/03/2024 20:20	1.8	337	26	3.8	0.0
21/03/2024 20:30	1.4	330	27	2.8	0.0
21/03/2024 20:40	1.8	249	15	2.8	0.0
21/03/2024 20:50	1.5	243	14	2.6	0.0
21/03/2024 21:00	2.2	243	14	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 21:10	2.4	252	14	3.2	0.0
21/03/2024 21:20	2.1	245	15	3.2	0.0
21/03/2024 21:30	2.0	242	13	3.1	0.0
21/03/2024 21:40	2.4	236	17	3.6	0.0
21/03/2024 21:50	2.4	234	16	3.3	0.0
21/03/2024 22:00	2.2	236	16	3.7	0.0
21/03/2024 22:10	2.2	234	18	3.2	0.0
21/03/2024 22:20	2.3	233	14	3.6	0.0
21/03/2024 22:30	2.4	230	15	3.5	0.0
21/03/2024 22:40	2.2	231	16	3.6	0.0
21/03/2024 22:50	2.3	234	20	3.5	0.0
21/03/2024 23:00	2.3	236	19	3.6	0.0
21/03/2024 23:10	2.3	246	15	3.6	0.0
21/03/2024 23:20	1.9	251	14	2.8	0.0
21/03/2024 23:30	1.5	252	16	2.5	0.0
21/03/2024 23:40	2.1	247	15	3.2	0.0
21/03/2024 23:50	2.0	250	15	3.2	0.0
22/03/2024 00:00	1.9	250	14	3.2	0.0
22/03/2024 00:10	1.7	255	15	2.8	0.0
22/03/2024 00:20	2.0	257	12	3.0	0.0
22/03/2024 00:30	2.1	257	14	2.8	0.0
22/03/2024 00:40	2.2	259	12	3.0	0.0
22/03/2024 00:50	2.1	260	13	3.2	0.0
22/03/2024 01:00	2.3	262	14	3.0	0.0
22/03/2024 01:10	2.3	260	13	3.1	0.0
22/03/2024 01:20	2.3	261	14	3.3	0.0
22/03/2024 01:30	2.3	259	14	3.5	0.0
22/03/2024 01:40	2.1	267	18	3.1	0.0
22/03/2024 01:50	1.9	264	14	2.8	0.0
22/03/2024 02:00	1.8	261	12	2.4	0.0
22/03/2024 02:10	1.9	274	16	2.8	0.0
22/03/2024 02:20	1.8	269	15	2.8	0.0
22/03/2024 02:30	1.8	262	15	2.8	0.0
22/03/2024 02:40	1.5	263	16	2.2	0.0
22/03/2024 02:50	1.6	264	14	2.4	0.0
22/03/2024 03:00	0.7	265	7	1.8	0.0
22/03/2024 03:10	1.6	263	14	2.2	0.0
22/03/2024 03:20	2.0	268	15	3.0	0.0
22/03/2024 03:30	2.1	267	14	2.8	0.0
22/03/2024 03:40	1.9	271	17	2.7	0.0
22/03/2024 03:50	2.0	266	16	3.2	0.0
22/03/2024 04:00	1.7	256	13	2.4	0.0
22/03/2024 04:10	1.1	260	12	2.1	0.0
22/03/2024 04:20	1.3	247	15	2.0	0.0
22/03/2024 04:30	0.7	243	9	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 04:40					0.0
22/03/2024 04:50					0.0
22/03/2024 05:00					0.0
22/03/2024 05:10					0.0
22/03/2024 05:20					0.0
22/03/2024 05:30					0.0
22/03/2024 05:40					0.0
22/03/2024 05:50					0.0
22/03/2024 06:00					0.0
22/03/2024 06:10					0.0
22/03/2024 06:20					0.0
22/03/2024 06:30					0.0
22/03/2024 06:40					0.0
22/03/2024 06:50					0.0
22/03/2024 07:00					0.0
22/03/2024 07:10					0.0
22/03/2024 07:20					0.0
22/03/2024 07:30					0.0
22/03/2024 07:40					0.0
22/03/2024 07:50	0.0	148	4	1.2	0.0
22/03/2024 08:00	0.0	133	1	0.4	0.0
22/03/2024 08:10	0.0	200	0	0.4	0.0
22/03/2024 08:20	0.5	171	11	2.7	0.0
22/03/2024 08:30					0.0
22/03/2024 08:40	0.0	158	2	0.8	0.0
22/03/2024 08:50	0.4	129	12	2.0	0.0
22/03/2024 09:00	0.5	131	14	1.9	0.0
22/03/2024 09:10	0.8	138	23	2.3	0.0
22/03/2024 09:20	0.7	116	21	2.4	0.0
22/03/2024 09:30	1.1	104	25	2.9	0.0
22/03/2024 09:40	1.3	102	23	2.8	0.0
22/03/2024 09:50	1.1	87	21	3.0	0.0
22/03/2024 10:00	1.4	88	25	3.1	0.0
22/03/2024 10:10	1.4	90	23	2.8	0.0
22/03/2024 10:20	1.9	85	27	4.0	0.0
22/03/2024 10:30	2.2	76	24	4.9	0.0
22/03/2024 10:40	2.6	78	24	5.2	0.0
22/03/2024 10:50	2.6	80	24	5.2	0.0
22/03/2024 11:00	3.3	83	21	5.9	0.0
22/03/2024 11:10	3.2	85	23	5.4	0.0
22/03/2024 11:20	3.3	86	26	5.2	0.0
22/03/2024 11:30	2.8	85	23	4.8	0.0
22/03/2024 11:40	2.6	61	19	4.2	0.0
22/03/2024 11:50	3.1	64	24	4.8	0.0
22/03/2024 12:00	3.0	57	22	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 12:10	3.1	67	20	4.7	0.0
22/03/2024 12:20	3.2	64	21	5.4	0.0
22/03/2024 12:30	3.1	64	21	5.0	0.0
22/03/2024 12:40	3.2	55	18	4.9	0.0
22/03/2024 12:50	2.8	67	19	4.4	0.0
22/03/2024 13:00	3.1	56	19	5.4	0.0
22/03/2024 13:10	3.4	50	21	6.0	0.0
22/03/2024 13:20	3.6	52	20	6.2	0.0
22/03/2024 13:30	3.6	49	20	5.8	0.0
22/03/2024 13:40	3.6	48	21	5.8	0.0
22/03/2024 13:50	3.3	54	22	4.8	0.0
22/03/2024 14:00	3.3	51	20	5.4	0.0
22/03/2024 14:10	3.3	48	22	5.5	0.0
22/03/2024 14:20	3.9	45	21	6.3	0.0
22/03/2024 14:30	3.6	48	21	5.8	0.0
22/03/2024 14:40	3.3	48	22	5.1	0.0
22/03/2024 14:50	3.4	50	19	5.7	0.0
22/03/2024 15:00	3.5	49	18	6.0	0.0
22/03/2024 15:10	3.0	58	21	4.8	0.0
22/03/2024 15:20	2.7	52	21	5.1	0.0
22/03/2024 15:30	2.6	45	25	4.1	0.0
22/03/2024 15:40	3.2	16	27	5.2	0.0
22/03/2024 15:50	3.0	21	26	5.6	0.0
22/03/2024 16:00	3.0	8	29	5.1	0.0
22/03/2024 16:10	2.9	13	23	4.8	0.0
22/03/2024 16:20	3.0	17	27	4.8	0.0
22/03/2024 16:30	2.7	15	28	4.6	0.0
22/03/2024 16:40	2.8	13	24	4.5	0.0
22/03/2024 16:50	2.2	6	33	4.1	0.0
22/03/2024 17:00	2.6	10	33	4.8	0.0
22/03/2024 17:10	2.3	4	32	4.2	0.0
22/03/2024 17:20	2.6	25	27	4.5	0.0
22/03/2024 17:30	2.2	15	27	4.1	0.0
22/03/2024 17:40	2.5	12	27	4.1	0.0
22/03/2024 17:50	2.7	18	29	4.7	0.0
22/03/2024 18:00	2.2	12	34	3.6	0.0
22/03/2024 18:10	2.5	15	32	4.4	0.0
22/03/2024 18:20	2.5	190	26	4.4	0.0
22/03/2024 18:30	1.8	171	30	3.6	0.0
22/03/2024 18:40	2.3	340	27	4.3	0.0
22/03/2024 18:50	2.4	345	23	4.0	0.0
22/03/2024 19:00	2.0	331	28	3.9	0.0
22/03/2024 19:10	2.4	339	24	4.1	0.0
22/03/2024 19:20	2.4	173	24	3.6	0.0
22/03/2024 19:30	2.3	343	22	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 19:40	2.4	322	20	3.6	0.0
22/03/2024 19:50	2.3	325	27	3.8	0.0
22/03/2024 20:00	2.8	324	23	4.5	0.0
22/03/2024 20:10	2.8	332	20	4.0	0.0
22/03/2024 20:20	1.6	337	26	3.0	0.0
22/03/2024 20:30	1.4	287	37	3.1	0.0
22/03/2024 20:40	2.1	254	15	3.1	0.0
22/03/2024 20:50	2.2	255	13	3.1	0.0
22/03/2024 21:00	2.3	250	13	3.2	0.0
22/03/2024 21:10	2.4	248	12	3.6	0.0
22/03/2024 21:20	2.0	250	13	2.8	0.0
22/03/2024 21:30	1.9	251	12	2.4	0.0
22/03/2024 21:40	2.0	252	11	2.7	0.0
22/03/2024 21:50	1.9	251	13	2.6	0.0
22/03/2024 22:00	2.1	252	12	2.8	0.0
22/03/2024 22:10	1.9	249	11	3.0	0.0
22/03/2024 22:20	1.7	250	13	2.4	0.0
22/03/2024 22:30	1.7	240	13	2.4	0.0
22/03/2024 22:40	2.0	244	12	2.8	0.0
22/03/2024 22:50	1.7	244	12	2.4	0.0
22/03/2024 23:00	1.7	258	13	2.5	0.0
22/03/2024 23:10	1.8	254	14	3.0	0.0
22/03/2024 23:20	1.9	256	13	2.8	0.0
22/03/2024 23:30	1.3	250	14	2.2	0.0
22/03/2024 23:40	1.1	248	12	2.0	0.0
22/03/2024 23:50	0.4	256	6	1.9	0.0
23/03/2024 00:00	1.8	258	13	2.7	0.0
23/03/2024 00:10	1.8	255	15	2.4	0.0
23/03/2024 00:20	1.5	243	20	2.5	0.0
23/03/2024 00:30	1.7	238	20	2.8	0.0
23/03/2024 00:40	1.7	240	20	2.5	0.0
23/03/2024 00:50	1.7	238	14	2.6	0.0
23/03/2024 01:00	1.8	256	15	2.4	0.0
23/03/2024 01:10	1.7	257	13	2.4	0.0
23/03/2024 01:20	1.4	251	16	2.0	0.0
23/03/2024 01:30	1.4	243	19	2.0	0.0
23/03/2024 01:40	1.6	246	14	2.4	0.0
23/03/2024 01:50	1.0	218	29	2.0	0.0
23/03/2024 02:00	0.8	194	28	1.6	0.0
23/03/2024 02:10	0.9	247	12	1.9	0.0
23/03/2024 02:20	0.3	251	20	1.1	0.0
23/03/2024 02:30	1.5	261	10	2.2	0.0
23/03/2024 02:40	1.3	252	14	1.7	0.0
23/03/2024 02:50	1.1	250	11	1.7	0.0
23/03/2024 03:00	1.3	266	17	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 03:10	1.3	265	18	2.0	0.0
23/03/2024 03:20	0.6	259	14	1.3	0.0
23/03/2024 03:30	1.1	250	14	1.6	0.0
23/03/2024 03:40	0.8	249	13	1.7	0.0
23/03/2024 03:50					0.0
23/03/2024 04:00					0.0
23/03/2024 04:10					0.0
23/03/2024 04:20					0.0
23/03/2024 04:30					0.0
23/03/2024 04:40					0.0
23/03/2024 04:50					0.0
23/03/2024 05:00					0.0
23/03/2024 05:10	0.5	118	16	2.1	0.0
23/03/2024 05:20	2.3	104	31	4.8	0.0
23/03/2024 05:30	2.5	98	27	5.0	0.0
23/03/2024 05:40	3.1	99	31	5.8	0.0
23/03/2024 05:50	2.9	109	34	5.4	0.0
23/03/2024 06:00	3.3	98	30	7.0	0.0
23/03/2024 06:10	3.6	101	30	6.0	0.0
23/03/2024 06:20	3.6	95	27	6.4	0.0
23/03/2024 06:30	3.8	94	28	6.2	0.0
23/03/2024 06:40	3.1	100	32	6.0	0.0
23/03/2024 06:50	3.1	100	28	5.4	0.0
23/03/2024 07:00	2.9	109	30	5.2	0.0
23/03/2024 07:10	3.7	108	31	5.9	0.0
23/03/2024 07:20	3.3	106	32	6.4	0.0
23/03/2024 07:30	3.1	113	33	4.9	0.0
23/03/2024 07:40	3.3	114	29	5.1	0.0
23/03/2024 07:50	3.3	114	33	6.0	0.0
23/03/2024 08:00	3.5	122	27	5.9	0.0
23/03/2024 08:10	3.1	113	29	4.9	0.0
23/03/2024 08:20	3.3	110	27	5.5	0.0
23/03/2024 08:30	3.3	101	35	5.4	0.0
23/03/2024 08:40	3.5	107	35	6.0	0.0
23/03/2024 08:50	3.1	103	33	5.6	0.0
23/03/2024 09:00	3.5	103	32	5.6	0.0
23/03/2024 09:10	3.3	100	29	5.6	0.0
23/03/2024 09:20	3.4	96	30	5.9	0.0
23/03/2024 09:30	3.3	100	30	6.0	0.0
23/03/2024 09:40	3.7	103	30	6.1	0.0
23/03/2024 09:50	3.4	94	27	6.0	0.0
23/03/2024 10:00	3.6	95	29	6.2	0.0
23/03/2024 10:10	3.2	95	27	5.6	0.0
23/03/2024 10:20	3.7	88	24	5.9	0.0
23/03/2024 10:30	3.3	87	27	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 10:40	3.4	81	20	5.4	0.0
23/03/2024 10:50	3.5	87	22	6.2	0.0
23/03/2024 11:00	3.8	76	23	5.9	0.0
23/03/2024 11:10	3.9	77	21	6.1	0.0
23/03/2024 11:20	3.6	76	23	6.0	0.0
23/03/2024 11:30	3.5	76	22	6.1	0.0
23/03/2024 11:40	3.6	75	23	5.8	0.0
23/03/2024 11:50	3.6	84	22	5.5	0.0
23/03/2024 12:00	3.4	86	22	5.6	0.0
23/03/2024 12:10	3.2	65	19	5.6	0.0
23/03/2024 12:20	3.2	60	22	4.9	0.0
23/03/2024 12:30	3.5	61	22	5.1	0.0
23/03/2024 12:40	3.2	57	19	5.3	0.0
23/03/2024 12:50	3.5	59	25	5.7	0.0
23/03/2024 13:00	3.3	53	21	5.5	0.0
23/03/2024 13:10	3.1	62	23	4.7	0.0
23/03/2024 13:20	3.4	72	26	5.4	0.0
23/03/2024 13:30	3.3	58	21	4.9	0.0
23/03/2024 13:40	2.9	60	21	4.9	0.0
23/03/2024 13:50	3.1	60	22	5.4	0.0
23/03/2024 14:00	3.6	48	21	5.6	0.0
23/03/2024 14:10	3.6	53	21	6.1	0.0
23/03/2024 14:20	3.4	51	20	5.5	0.0
23/03/2024 14:30	3.8	49	23	5.9	0.0
23/03/2024 14:40	3.2	52	20	5.0	0.0
23/03/2024 14:50	3.7	49	18	6.2	0.0
23/03/2024 15:00	3.3	48	17	5.2	0.0
23/03/2024 15:10	2.9	45	20	4.7	0.0
23/03/2024 15:20	2.9	42	21	4.6	0.0
23/03/2024 15:30	2.7	48	19	4.4	0.0
23/03/2024 15:40	2.3	48	17	4.6	0.0
23/03/2024 15:50	2.1	53	18	3.9	0.0
23/03/2024 16:00	2.0	44	24	4.1	0.0
23/03/2024 16:10	1.2	44	27	2.8	0.0
23/03/2024 16:20	1.9	23	28	3.8	0.0
23/03/2024 16:30	2.6	11	24	4.3	0.0
23/03/2024 16:40	2.4	186	29	3.9	0.0
23/03/2024 16:50	2.5	7	28	4.3	0.0
23/03/2024 17:00	2.8	7	25	4.6	0.0
23/03/2024 17:10	2.6	10	27	4.6	0.0
23/03/2024 17:20	2.5	13	27	4.0	0.0
23/03/2024 17:30	2.1	4	27	3.8	0.0
23/03/2024 17:40	2.4	355	28	3.9	0.0
23/03/2024 17:50	2.4	351	29	4.1	0.0
23/03/2024 18:00	2.4	350	25	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 18:10	2.6	339	20	4.0	0.0
23/03/2024 18:20	3.1	333	17	4.8	0.0
23/03/2024 18:30	3.1	334	19	4.8	0.0
23/03/2024 18:40	2.8	324	22	4.4	0.0
23/03/2024 18:50	2.0	329	23	3.8	0.0
23/03/2024 19:00	2.7	346	22	4.3	0.0
23/03/2024 19:10	2.4	345	25	3.9	0.0
23/03/2024 19:20	2.5	334	20	4.0	0.0
23/03/2024 19:30	2.2	336	20	3.6	0.0
23/03/2024 19:40	1.9	334	22	3.2	0.0
23/03/2024 19:50	2.3	339	20	3.4	0.0
23/03/2024 20:00	2.1	344	24	3.7	0.0
23/03/2024 20:10	2.1	328	21	3.2	0.0
23/03/2024 20:20	2.2	324	18	3.1	0.0
23/03/2024 20:30	2.0	326	22	3.2	0.0
23/03/2024 20:40	1.8	324	20	3.2	0.0
23/03/2024 20:50	1.6	319	20	2.8	0.0
23/03/2024 21:00	0.6	325	11	2.4	0.0
23/03/2024 21:10	0.8	231	19	1.7	0.0
23/03/2024 21:20	0.4	245	14	1.2	0.0
23/03/2024 21:30					0.0
23/03/2024 21:40					0.0
23/03/2024 21:50					0.0
23/03/2024 22:00	0.0	77	0	0.4	0.0
23/03/2024 22:10					0.0
23/03/2024 22:20					0.0
23/03/2024 22:30					0.0
23/03/2024 22:40					0.0
23/03/2024 22:50					0.0
23/03/2024 23:00					0.0
23/03/2024 23:10					0.0
23/03/2024 23:20					0.0
23/03/2024 23:30	0.8	211	9	2.0	0.0
23/03/2024 23:40	0.6	206	8	1.2	0.0
23/03/2024 23:50	0.3	182	17	1.4	0.0
24/03/2024 00:00					0.0
24/03/2024 00:10					0.0
24/03/2024 00:20					0.0
24/03/2024 00:30	0.8	137	32	1.8	0.0
24/03/2024 00:40	1.2	129	32	2.6	0.0
24/03/2024 00:50	1.8	125	30	3.6	0.0
24/03/2024 01:00	1.7	119	26	3.0	0.0
24/03/2024 01:10	1.7	120	28	3.2	0.0
24/03/2024 01:20	2.2	117	32	3.8	0.0
24/03/2024 01:30	2.4	108	30	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 01:40	2.4	103	27	4.1	0.0
24/03/2024 01:50	2.5	115	32	4.2	0.0
24/03/2024 02:00	2.2	112	29	4.3	0.0
24/03/2024 02:10	2.7	112	29	5.2	0.0
24/03/2024 02:20	2.5	118	38	4.7	0.0
24/03/2024 02:30	3.0	125	30	4.9	0.0
24/03/2024 02:40	2.9	111	33	4.9	0.0
24/03/2024 02:50	2.7	111	31	5.2	0.0
24/03/2024 03:00	3.3	107	26	4.7	0.0
24/03/2024 03:10	2.9	107	29	5.4	0.0
24/03/2024 03:20	2.7	104	28	4.7	0.0
24/03/2024 03:30	2.9	113	31	5.1	0.0
24/03/2024 03:40	2.7	105	36	4.9	0.0
24/03/2024 03:50	2.7	110	31	4.7	0.0
24/03/2024 04:00	3.0	101	30	5.4	0.0
24/03/2024 04:10	2.9	117	29	4.8	0.0
24/03/2024 04:20	3.0	107	30	5.2	0.0
24/03/2024 04:30	3.1	110	30	5.2	0.0
24/03/2024 04:40	3.2	110	31	5.2	0.0
24/03/2024 04:50	3.3	113	35	5.2	0.0
24/03/2024 05:00	3.4	102	33	6.0	0.0
24/03/2024 05:10	3.8	104	30	6.5	0.0
24/03/2024 05:20	3.9	113	30	6.7	0.0
24/03/2024 05:30	3.5	111	32	6.0	0.0
24/03/2024 05:40	3.8	114	30	6.3	0.0
24/03/2024 05:50	3.5	108	30	6.0	0.0
24/03/2024 06:00	4.2	106	35	6.9	0.0
24/03/2024 06:10	4.1	106	27	7.0	0.0
24/03/2024 06:20	3.8	107	37	6.9	0.0
24/03/2024 06:30	3.9	112	31	6.4	0.0
24/03/2024 06:40	3.8	102	34	7.0	0.0
24/03/2024 06:50	4.0	105	29	6.7	0.0
24/03/2024 07:00	3.9	111	29	6.9	0.0
24/03/2024 07:10	4.3	104	36	7.5	0.0
24/03/2024 07:20	4.3	106	33	7.5	0.0
24/03/2024 07:30	3.9	107	29	6.4	0.0
24/03/2024 07:40	4.3	106	34	7.5	0.0
24/03/2024 07:50	4.1	105	33	7.1	0.0
24/03/2024 08:00	4.2	105	28	7.3	0.0
24/03/2024 08:10	4.0	107	31	7.3	0.0
24/03/2024 08:20	3.9	116	30	7.0	0.0
24/03/2024 08:30	4.0	105	32	6.7	0.0
24/03/2024 08:40	3.8	100	36	6.2	0.0
24/03/2024 08:50	3.7	110	31	6.0	0.0
24/03/2024 09:00	3.8	107	31	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 09:10	3.7	107	37	6.0	0.0
24/03/2024 09:20	3.8	110	30	6.6	0.0
24/03/2024 09:30	3.9	107	29	6.0	0.0
24/03/2024 09:40	4.1	101	33	6.8	0.0
24/03/2024 09:50	4.2	112	31	6.8	0.0
24/03/2024 10:00	3.8	113	34	6.2	0.0
24/03/2024 10:10	3.5	107	30	6.1	0.0
24/03/2024 10:20	3.7	104	26	6.6	0.0
24/03/2024 10:30	3.3	101	32	6.0	0.0
24/03/2024 10:40	3.3	97	31	5.2	0.0
24/03/2024 10:50	3.2	108	29	5.6	0.0
24/03/2024 11:00	3.3	95	26	6.0	0.0
24/03/2024 11:10	3.3	98	28	5.5	0.0
24/03/2024 11:20	2.8	99	32	4.4	0.0
24/03/2024 11:30	3.1	89	27	5.2	0.0
24/03/2024 11:40	3.0	89	23	5.6	0.0
24/03/2024 11:50	3.1	76	23	5.0	0.0
24/03/2024 12:00	3.3	80	22	5.3	0.0
24/03/2024 12:10	3.2	85	25	4.9	0.0
24/03/2024 12:20	2.7	76	26	5.5	0.0
24/03/2024 12:30	3.1	89	25	5.7	0.0
24/03/2024 12:40	3.1	88	22	4.8	0.0
24/03/2024 12:50	2.8	73	24	4.4	0.0
24/03/2024 13:00	3.2	63	24	5.2	0.0
24/03/2024 13:10	3.3	57	20	5.7	0.0
24/03/2024 13:20	3.3	60	20	5.3	0.0
24/03/2024 13:30	3.0	60	25	4.7	0.0
24/03/2024 13:40	2.7	59	23	4.0	0.0
24/03/2024 13:50	3.1	68	28	4.8	0.0
24/03/2024 14:00	3.0	69	20	4.7	0.0
24/03/2024 14:10	2.8	64	22	4.5	0.0
24/03/2024 14:20	3.2	50	21	5.2	0.0
24/03/2024 14:30	2.7	63	21	4.0	0.0
24/03/2024 14:40	2.8	58	20	4.1	0.0
24/03/2024 14:50	2.7	52	20	4.2	0.0
24/03/2024 15:00	2.6	48	22	4.3	0.0
24/03/2024 15:10	2.4	49	21	3.7	0.0
24/03/2024 15:20	2.3	57	23	3.8	0.0
24/03/2024 15:30	2.0	58	22	3.6	0.0
24/03/2024 15:40	2.3	63	24	4.0	0.0
24/03/2024 15:50	2.0	56	21	3.5	0.0
24/03/2024 16:00	2.1	59	21	3.6	0.0
24/03/2024 16:10	2.0	67	22	3.2	0.0
24/03/2024 16:20	1.9	65	18	2.9	0.0
24/03/2024 16:30	1.8	55	21	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 16:40	1.0	26	33	2.4	0.0
24/03/2024 16:50	1.9	20	31	4.0	0.0
24/03/2024 17:00	1.8	186	31	3.2	0.0
24/03/2024 17:10	1.8	166	32	3.4	0.0
24/03/2024 17:20	2.9	15	29	4.3	0.0
24/03/2024 17:30	2.8	15	28	4.4	0.0
24/03/2024 17:40	2.5	183	34	4.7	0.0
24/03/2024 17:50	2.2	354	40	3.9	0.0
24/03/2024 18:00	2.8	8	25	4.2	0.0
24/03/2024 18:10	2.6	6	30	3.9	0.0
24/03/2024 18:20	2.3	345	28	3.6	0.0
24/03/2024 18:30	2.4	346	26	3.7	0.0
24/03/2024 18:40	2.3	337	29	4.0	0.0
24/03/2024 18:50	2.1	321	32	3.2	0.0
24/03/2024 19:00	2.0	309	35	3.6	0.0
24/03/2024 19:10	1.9	295	44	3.4	0.0
24/03/2024 19:20	1.8	297	39	3.6	0.0
24/03/2024 19:30	1.9	287	36	3.0	0.0
24/03/2024 19:40	1.7	275	34	2.9	0.0
24/03/2024 19:50	1.7	260	28	2.7	0.0
24/03/2024 20:00	1.5	264	25	2.5	0.0
24/03/2024 20:10	1.9	256	16	3.1	0.0
24/03/2024 20:20	1.9	258	14	2.5	0.0
24/03/2024 20:30	2.2	250	16	3.2	0.0
24/03/2024 20:40	2.8	251	13	3.8	0.0
24/03/2024 20:50	2.2	254	15	3.3	0.0
24/03/2024 21:00	2.2	250	13	3.2	0.0
24/03/2024 21:10	1.8	253	16	2.8	0.0
24/03/2024 21:20	1.8	253	14	3.0	0.0
24/03/2024 21:30	1.4	243	14	2.2	0.0
24/03/2024 21:40	1.7	253	12	3.2	0.0
24/03/2024 21:50	1.8	244	15	2.8	0.0
24/03/2024 22:00	1.9	236	18	3.2	0.0
24/03/2024 22:10	2.5	231	17	3.6	0.0
24/03/2024 22:20	2.3	233	15	3.4	0.0
24/03/2024 22:30	2.4	232	16	3.5	0.0
24/03/2024 22:40	2.3	235	18	3.2	0.0
24/03/2024 22:50	2.4	237	16	3.6	0.0
24/03/2024 23:00	2.6	238	15	3.9	0.0
24/03/2024 23:10	3.0	244	16	4.4	0.0
24/03/2024 23:20	3.0	244	16	4.3	0.0
24/03/2024 23:30	2.7	233	14	3.8	0.0
24/03/2024 23:40	2.3	234	19	3.9	0.0
24/03/2024 23:50	2.6	240	17	3.8	0.0
25/03/2024 00:00	1.5	226	25	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 00:10	2.4	241	15	3.2	0.0
25/03/2024 00:20	1.7	238	17	2.6	0.0
25/03/2024 00:30	1.9	234	19	3.0	0.0
25/03/2024 00:40	1.4	236	21	2.4	0.0
25/03/2024 00:50	2.0	240	19	3.1	0.0
25/03/2024 01:00	2.1	259	19	3.2	0.0
25/03/2024 01:10	1.8	286	19	2.9	0.0
25/03/2024 01:20	1.2	278	22	2.1	0.0
25/03/2024 01:30	1.2	235	29	2.0	0.0
25/03/2024 01:40	1.0	227	14	1.6	0.0
25/03/2024 01:50	0.6	208	15	1.7	0.0
25/03/2024 02:00	1.5	192	15	2.7	0.0
25/03/2024 02:10	2.4	197	16	3.5	0.0
25/03/2024 02:20	2.7	199	14	4.0	0.0
25/03/2024 02:30	2.2	198	16	4.2	0.0
25/03/2024 02:40	1.7	168	28	3.3	0.0
25/03/2024 02:50	1.4	139	23	2.7	0.0
25/03/2024 03:00	2.0	135	25	3.6	0.0
25/03/2024 03:10	2.4	124	32	4.4	0.0
25/03/2024 03:20	3.2	117	29	5.7	0.0
25/03/2024 03:30	2.8	112	33	4.9	0.0
25/03/2024 03:40	2.3	103	33	4.3	0.0
25/03/2024 03:50	1.9	130	28	3.2	0.0
25/03/2024 04:00	1.3	134	23	2.3	0.0
25/03/2024 04:10	1.2	136	27	2.2	0.0
25/03/2024 04:20	1.1	136	23	2.0	0.0
25/03/2024 04:30	0.9	138	29	1.6	0.0
25/03/2024 04:40	0.7	130	24	1.3	0.0
25/03/2024 04:50	1.1	123	26	2.0	0.0
25/03/2024 05:00	1.6	130	31	3.2	0.0
25/03/2024 05:10	1.8	131	26	3.5	0.0
25/03/2024 05:20	1.7	127	30	3.2	0.0
25/03/2024 05:30	2.0	120	32	3.2	0.0
25/03/2024 05:40	2.0	119	30	3.9	0.0
25/03/2024 05:50	1.8	112	34	4.0	0.0
25/03/2024 06:00	1.8	102	30	3.1	0.0
25/03/2024 06:10	1.8	106	33	3.0	0.0
25/03/2024 06:20	1.9	106	29	3.2	0.0
25/03/2024 06:30	2.0	98	33	4.0	0.0
25/03/2024 06:40	1.8	108	28	3.4	0.0
25/03/2024 06:50	1.8	106	31	2.8	0.0
25/03/2024 07:00	2.0	95	28	3.6	0.0
25/03/2024 07:10	2.2	97	25	4.1	0.0
25/03/2024 07:20	2.4	102	28	4.3	0.0
25/03/2024 07:30	2.5	102	27	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 07:40	2.4	107	33	4.5	0.0
25/03/2024 07:50	2.3	100	26	3.7	0.0
25/03/2024 08:00	2.4	93	28	4.0	0.0
25/03/2024 08:10	2.4	90	27	4.0	0.0
25/03/2024 08:20	2.5	95	27	3.9	0.0
25/03/2024 08:30	2.9	84	20	5.4	0.0
25/03/2024 08:40	2.8	91	25	5.2	0.0
25/03/2024 08:50	2.9	93	23	4.8	0.0
25/03/2024 09:00	2.7	90	29	4.9	0.0
25/03/2024 09:10	3.3	86	26	5.6	0.0
25/03/2024 09:20	3.0	92	27	4.7	0.0
25/03/2024 09:30	3.1	92	29	4.6	0.0
25/03/2024 09:40	2.7	86	28	4.4	0.0
25/03/2024 09:50	2.9	84	22	5.2	0.0
25/03/2024 10:00	2.9	95	30	4.4	0.0
25/03/2024 10:10	2.7	84	24	4.4	0.0
25/03/2024 10:20	3.3	81	19	5.6	0.0
25/03/2024 10:30	2.8	82	24	4.8	0.0
25/03/2024 10:40	2.8	80	26	4.3	0.0
25/03/2024 10:50	2.8	80	26	4.4	0.0
25/03/2024 11:00	2.8	87	20	4.6	0.0
25/03/2024 11:10	2.7	77	27	4.7	0.0
25/03/2024 11:20	2.8	62	22	5.0	0.0
25/03/2024 11:30	2.9	63	23	4.8	0.0
25/03/2024 11:40	2.9	58	23	4.4	0.0
25/03/2024 11:50	2.9	58	21	4.4	0.0
25/03/2024 12:00	2.9	57	25	5.0	0.0
25/03/2024 12:10	3.0	52	24	5.2	0.0
25/03/2024 12:20	2.8	65	25	4.8	0.0
25/03/2024 12:30	2.8	61	23	4.5	0.0
25/03/2024 12:40	3.2	42	20	4.7	0.0
25/03/2024 12:50	2.8	47	23	4.2	0.0
25/03/2024 13:00	2.8	61	20	4.7	0.0
25/03/2024 13:10	2.9	73	21	4.4	0.0
25/03/2024 13:20	2.4	77	19	4.0	0.0
25/03/2024 13:30	2.6	41	38	4.1	0.0
25/03/2024 13:40	2.2	15	39	4.2	0.0
25/03/2024 13:50	2.5	17	31	4.7	0.0
25/03/2024 14:00	2.6	184	35	5.1	0.0
25/03/2024 14:10	2.3	12	30	4.3	0.0
25/03/2024 14:20	3.3	182	33	5.0	0.0
25/03/2024 14:30	2.9	186	33	4.8	0.0
25/03/2024 14:40	2.7	13	36	4.5	0.0
25/03/2024 14:50	3.3	12	27	5.2	0.0
25/03/2024 15:00	3.3	14	25	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 15:10	3.6	15	24	5.9	0.0
25/03/2024 15:20	3.4	9	25	5.2	0.0
25/03/2024 15:30	3.3	13	26	5.5	0.0
25/03/2024 15:40	3.2	9	28	4.8	0.0
25/03/2024 15:50	3.3	10	29	4.9	0.0
25/03/2024 16:00	2.7	171	30	4.3	0.0
25/03/2024 16:10	2.7	339	33	5.0	0.0
25/03/2024 16:20	3.0	328	24	5.3	0.0
25/03/2024 16:30	3.1	347	27	4.8	0.0
25/03/2024 16:40	3.1	343	24	5.1	0.0
25/03/2024 16:50	3.5	339	26	5.7	0.0
25/03/2024 17:00	3.2	343	29	5.2	0.0
25/03/2024 17:10	2.4	350	31	4.3	0.0
25/03/2024 17:20	2.1	340	46	4.0	0.0
25/03/2024 17:30	2.5	349	30	4.8	0.0
25/03/2024 17:40	2.6	338	33	4.1	0.0
25/03/2024 17:50	2.2	327	33	4.0	0.0
25/03/2024 18:00	2.4	324	30	4.2	0.0
25/03/2024 18:10	2.1	318	35	3.8	0.0
25/03/2024 18:20	2.1	313	33	3.3	0.0
25/03/2024 18:30	2.0	301	42	3.5	0.0
25/03/2024 18:40	1.8	307	37	3.4	0.0
25/03/2024 18:50	2.4	262	28	3.7	0.0
25/03/2024 19:00	2.4	302	32	4.0	0.0
25/03/2024 19:10	2.1	304	34	3.6	0.0
25/03/2024 19:20	1.9	285	43	3.6	0.0
25/03/2024 19:30	1.8	282	34	3.4	0.0
25/03/2024 19:40	2.3	264	33	3.7	0.0
25/03/2024 19:50	2.3	255	21	3.8	0.0
25/03/2024 20:00	2.1	257	22	3.5	0.0
25/03/2024 20:10	2.4	254	15	3.5	0.0
25/03/2024 20:20	3.4	242	16	5.1	0.0
25/03/2024 20:30	3.1	254	20	5.2	0.0
25/03/2024 20:40	2.8	249	16	4.3	0.0
25/03/2024 20:50	2.7	255	18	4.6	0.0
25/03/2024 21:00	2.6	257	16	4.1	0.0
25/03/2024 21:10	2.4	258	19	3.7	0.0
25/03/2024 21:20	3.4	249	16	5.2	0.0
25/03/2024 21:30	3.0	252	17	4.5	0.0
25/03/2024 21:40	3.2	252	16	5.2	0.0
25/03/2024 21:50	3.7	251	17	5.6	0.0
25/03/2024 22:00	3.7	250	16	5.2	0.0
25/03/2024 22:10	3.2	240	21	5.0	0.0
25/03/2024 22:20	3.7	250	17	5.4	0.0
25/03/2024 22:30	3.3	235	20	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 22:40	3.5	235	17	5.3	0.0
25/03/2024 22:50	3.3	236	16	4.5	0.0
25/03/2024 23:00	3.1	231	16	4.4	0.0
25/03/2024 23:10	2.2	229	18	3.6	0.0
25/03/2024 23:20	1.9	230	21	3.3	0.0
25/03/2024 23:30	2.0	230	16	3.0	0.0
25/03/2024 23:40	1.8	235	16	2.9	0.0
25/03/2024 23:50	2.0	247	15	3.1	0.0
26/03/2024 00:00	1.9	257	16	3.0	0.0
26/03/2024 00:10	1.9	245	17	2.8	0.0
26/03/2024 00:20	2.3	232	19	3.5	0.0
26/03/2024 00:30	2.1	233	20	3.5	0.0
26/03/2024 00:40	1.3	232	16	2.1	0.0
26/03/2024 00:50	2.1	239	16	3.2	0.0
26/03/2024 01:00	2.0	232	18	3.1	0.0
26/03/2024 01:10	1.8	246	17	2.9	0.0
26/03/2024 01:20	1.8	247	19	2.8	0.0
26/03/2024 01:30	2.0	237	14	3.1	0.0
26/03/2024 01:40	1.7	254	20	2.4	0.0
26/03/2024 01:50	1.9	246	20	3.4	0.0
26/03/2024 02:00	1.7	232	21	2.8	0.0
26/03/2024 02:10	2.0	222	17	3.2	0.0
26/03/2024 02:20	1.9	221	15	2.8	0.0
26/03/2024 02:30	1.7	222	18	3.1	0.0
26/03/2024 02:40	1.7	232	18	2.8	0.0
26/03/2024 02:50	1.8	233	23	2.9	0.0
26/03/2024 03:00	1.6	237	22	2.4	0.0
26/03/2024 03:10	1.6	240	21	2.4	0.0
26/03/2024 03:20	1.8	238	19	2.9	0.0
26/03/2024 03:30	2.1	243	17	3.2	0.0
26/03/2024 03:40	2.1	248	16	3.4	0.0
26/03/2024 03:50	2.4	247	17	3.6	0.0
26/03/2024 04:00	1.6	248	19	2.8	0.0
26/03/2024 04:10	2.1	261	15	3.3	0.0
26/03/2024 04:20	2.0	269	19	2.9	0.0
26/03/2024 04:30	1.7	262	15	2.3	0.0
26/03/2024 04:40	1.5	247	17	2.4	0.0
26/03/2024 04:50	2.0	251	14	3.2	0.0
26/03/2024 05:00	2.0	258	16	2.6	0.0
26/03/2024 05:10	1.7	258	14	2.4	0.0
26/03/2024 05:20	1.6	258	15	2.3	0.0
26/03/2024 05:30	1.7	260	13	2.4	0.0
26/03/2024 05:40	1.8	257	14	2.8	0.0
26/03/2024 05:50	1.6	253	15	2.2	0.0
26/03/2024 06:00	1.6	246	18	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 06:10	0.6	235	14	1.3	0.0
26/03/2024 06:20					0.0
26/03/2024 06:30	0.1	84	40	0.9	0.0
26/03/2024 06:40	0.4	198	31	1.2	0.0
26/03/2024 06:50	0.0	150	7	0.4	0.0
26/03/2024 07:00	0.3	115	12	1.6	0.0
26/03/2024 07:10	0.7	117	18	1.2	0.0
26/03/2024 07:20	1.2	142	25	2.4	0.0
26/03/2024 07:30	1.5	143	26	2.5	0.0
26/03/2024 07:40	1.9	153	26	3.1	0.0
26/03/2024 07:50	2.1	140	30	3.3	0.0
26/03/2024 08:00	2.1	131	30	3.6	0.0
26/03/2024 08:10	2.4	121	32	4.2	0.0
26/03/2024 08:20	2.6	105	28	4.8	0.0
26/03/2024 08:30	2.7	109	31	4.8	0.0
26/03/2024 08:40	2.6	98	33	4.5	0.0
26/03/2024 08:50	3.0	91	22	4.7	0.0
26/03/2024 09:00	3.2	89	27	5.2	0.0
26/03/2024 09:10	3.1	95	28	6.3	0.0
26/03/2024 09:20	3.0	98	28	5.3	0.0
26/03/2024 09:30	3.3	88	28	5.3	0.0
26/03/2024 09:40	3.6	86	28	7.1	0.0
26/03/2024 09:50	3.4	87	26	6.3	0.0
26/03/2024 10:00	3.5	79	24	5.7	0.0
26/03/2024 10:10	3.7	76	21	6.0	0.0
26/03/2024 10:20	3.7	86	27	5.6	0.1
26/03/2024 10:30	3.5	75	24	5.9	0.0
26/03/2024 10:40	3.5	63	24	6.3	0.0
26/03/2024 10:50	3.9	64	22	6.5	0.0
26/03/2024 11:00	3.7	65	23	5.9	0.0
26/03/2024 11:10	3.9	63	19	6.4	0.0
26/03/2024 11:20	3.7	62	22	6.0	0.0
26/03/2024 11:30	3.9	66	21	6.3	0.0
26/03/2024 11:40	3.7	62	22	5.9	0.0
26/03/2024 11:50	3.8	64	22	5.8	0.0
26/03/2024 12:00	3.7	61	19	5.8	0.0
26/03/2024 12:10	3.6	68	19	5.6	0.0
26/03/2024 12:20	3.4	70	22	5.6	0.0
26/03/2024 12:30	3.5	61	23	5.4	0.0
26/03/2024 12:40	3.6	56	23	5.8	0.0
26/03/2024 12:50	3.8	60	23	6.3	0.0
26/03/2024 13:00	3.4	53	22	5.9	0.0
26/03/2024 13:10	3.6	55	19	5.3	0.0
26/03/2024 13:20	3.5	61	23	6.1	0.0
26/03/2024 13:30	3.1	57	25	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 13:40	3.6	60	20	6.0	0.0
26/03/2024 13:50	3.2	55	22	4.9	0.0
26/03/2024 14:00	3.1	61	22	5.2	0.0
26/03/2024 14:10	2.9	58	22	4.2	0.0
26/03/2024 14:20	3.0	55	22	5.2	0.0
26/03/2024 14:30	3.1	32	23	5.6	0.0
26/03/2024 14:40	3.6	20	28	5.9	0.0
26/03/2024 14:50	3.3	8	28	5.5	0.0
26/03/2024 15:00	3.5	14	25	5.6	0.0
26/03/2024 15:10	3.4	16	28	5.8	0.0
26/03/2024 15:20	3.2	8	30	5.4	0.0
26/03/2024 15:30	2.9	16	30	5.1	0.0
26/03/2024 15:40	3.1	10	29	5.6	0.0
26/03/2024 15:50	3.0	185	31	5.2	0.0
26/03/2024 16:00	2.9	182	36	4.9	0.0
26/03/2024 16:10	2.6	182	35	4.6	0.0
26/03/2024 16:20	2.6	178	32	4.2	0.0
26/03/2024 16:30	2.8	187	29	4.6	0.0
26/03/2024 16:40	3.0	11	25	4.7	0.0
26/03/2024 16:50	2.4	7	29	4.3	0.0
26/03/2024 17:00	3.0	14	26	4.7	0.0
26/03/2024 17:10	3.2	12	28	4.9	0.0
26/03/2024 17:20	2.1	8	38	4.6	0.0
26/03/2024 17:30	2.8	13	31	5.0	0.0
26/03/2024 17:40	2.5	4	34	4.4	0.0
26/03/2024 17:50	2.2	349	37	4.7	0.0
26/03/2024 18:00	1.7	348	32	3.6	0.0
26/03/2024 18:10	2.7	333	29	4.8	0.0
26/03/2024 18:20	3.1	327	31	5.3	0.0
26/03/2024 18:30	2.5	338	30	4.5	0.0
26/03/2024 18:40	2.2	342	32	4.1	0.0
26/03/2024 18:50	2.2	328	32	3.7	0.0
26/03/2024 19:00	2.0	327	31	3.4	0.0
26/03/2024 19:10	2.0	294	38	3.3	0.0
26/03/2024 19:20	2.0	273	32	3.5	0.0
26/03/2024 19:30	1.6	274	39	3.6	0.0
26/03/2024 19:40	1.6	268	36	3.5	0.0
26/03/2024 19:50	1.7	273	37	3.2	0.0
26/03/2024 20:00	1.5	267	42	2.4	0.0
26/03/2024 20:10	1.6	276	35	3.2	0.0
26/03/2024 20:20	2.2	262	22	3.4	0.0
26/03/2024 20:30	2.2	259	22	3.2	0.0
26/03/2024 20:40	1.8	258	23	2.8	0.0
26/03/2024 20:50	1.9	253	19	2.8	0.0
26/03/2024 21:00	2.0	259	17	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 21:10	1.6	267	20	3.1	0.0
26/03/2024 21:20	1.7	258	20	2.9	0.0
26/03/2024 21:30	2.5	253	13	3.6	0.0
26/03/2024 21:40	2.5	250	16	3.9	0.0
26/03/2024 21:50	1.9	258	15	3.1	0.0
26/03/2024 22:00	2.2	251	13	3.3	0.0
26/03/2024 22:10	2.6	252	15	3.7	0.0
26/03/2024 22:20	2.2	248	16	3.4	0.0
26/03/2024 22:30	1.1	248	17	2.0	0.0
26/03/2024 22:40	1.1	244	17	2.0	0.0
26/03/2024 22:50	1.9	249	14	3.1	0.0
26/03/2024 23:00	1.8	251	16	2.9	0.0
26/03/2024 23:10	2.1	249	19	3.6	0.0
26/03/2024 23:20	2.0	238	18	3.6	0.0
26/03/2024 23:30	1.7	231	19	2.8	0.0
26/03/2024 23:40	1.8	230	22	3.0	0.0
26/03/2024 23:50	1.9	231	19	2.9	0.0
27/03/2024 00:00	1.8	234	25	3.5	0.0
27/03/2024 00:10	2.1	237	15	3.6	0.0
27/03/2024 00:20	3.0	234	14	4.4	0.0
27/03/2024 00:30	3.3	231	14	4.1	0.0
27/03/2024 00:40	2.7	237	16	3.8	0.0
27/03/2024 00:50	2.4	239	18	3.6	0.0
27/03/2024 01:00	2.5	238	16	3.6	0.0
27/03/2024 01:10	2.4	241	16	4.0	0.0
27/03/2024 01:20	2.5	240	18	3.6	0.0
27/03/2024 01:30	2.9	240	18	4.3	0.0
27/03/2024 01:40	2.8	241	18	4.3	0.0
27/03/2024 01:50	2.6	237	17	3.9	0.0
27/03/2024 02:00	2.1	246	18	3.6	0.0
27/03/2024 02:10	1.3	192	30	2.7	0.0
27/03/2024 02:20	0.9	228	13	2.0	0.0
27/03/2024 02:30	1.7	229	17	2.6	0.0
27/03/2024 02:40	1.0	196	18	2.0	0.0
27/03/2024 02:50	1.1	226	20	1.9	0.0
27/03/2024 03:00	0.2	221	16	0.9	0.0
27/03/2024 03:10	0.2	215	8	1.3	0.0
27/03/2024 03:20	1.7	190	18	3.5	0.0
27/03/2024 03:30	0.9	183	34	2.0	0.0
27/03/2024 03:40	1.0	234	27	2.1	0.0
27/03/2024 03:50	1.7	288	23	2.8	0.0
27/03/2024 04:00	1.5	298	25	2.4	0.0
27/03/2024 04:10	1.2	295	22	2.0	0.0
27/03/2024 04:20	0.4	252	14	1.1	0.0
27/03/2024 04:30	0.7	232	22	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 04:40	2.0	194	18	3.4	0.0
27/03/2024 04:50	2.5	185	21	4.0	0.0
27/03/2024 05:00	2.4	181	17	4.1	0.0
27/03/2024 05:10	2.8	185	16	4.3	0.0
27/03/2024 05:20	3.0	183	16	4.4	0.0
27/03/2024 05:30	2.8	177	17	4.1	0.0
27/03/2024 05:40	2.8	179	18	4.3	0.0
27/03/2024 05:50	2.6	186	15	3.9	0.0
27/03/2024 06:00	2.8	192	17	4.4	0.0
27/03/2024 06:10	2.8	194	15	3.9	0.0
27/03/2024 06:20	2.7	190	13	3.7	0.0
27/03/2024 06:30	2.2	193	14	3.2	0.0
27/03/2024 06:40	2.2	193	17	3.4	0.0
27/03/2024 06:50	2.2	198	15	3.4	0.0
27/03/2024 07:00	2.0	196	16	2.9	0.0
27/03/2024 07:10	2.5	192	17	3.9	0.0
27/03/2024 07:20	2.8	188	15	4.5	0.0
27/03/2024 07:30	2.2	185	18	3.7	0.0
27/03/2024 07:40	1.9	170	22	2.9	0.0
27/03/2024 07:50	1.9	168	24	3.1	0.0
27/03/2024 08:00	1.6	159	24	2.9	0.0
27/03/2024 08:10	2.2	156	23	3.7	0.0
27/03/2024 08:20	1.8	137	30	3.2	0.0
27/03/2024 08:30	2.0	135	30	3.4	0.0
27/03/2024 08:40	2.1	143	25	3.4	0.0
27/03/2024 08:50	2.1	141	31	3.4	0.0
27/03/2024 09:00	2.2	130	29	3.8	0.0
27/03/2024 09:10	2.2	148	29	3.9	0.0
27/03/2024 09:20	2.2	134	29	3.7	0.0
27/03/2024 09:30	2.1	123	33	3.9	0.0
27/03/2024 09:40	2.2	131	31	4.0	0.0
27/03/2024 09:50	2.4	131	31	4.0	0.0
27/03/2024 10:00	2.2	140	27	3.7	0.0
27/03/2024 10:10	2.3	121	31	3.5	0.0
27/03/2024 10:20	2.2	111	26	3.9	0.0
27/03/2024 10:30	1.7	106	35	3.5	0.0
27/03/2024 10:40	1.8	95	31	3.5	0.0
27/03/2024 10:50	2.4	75	19	3.6	0.0
27/03/2024 11:00	2.3	83	30	3.9	0.0
27/03/2024 11:10	2.3	60	22	3.8	0.0
27/03/2024 11:20	2.8	55	22	4.3	0.0
27/03/2024 11:30	2.8	50	21	4.8	0.0
27/03/2024 11:40	2.6	64	24	4.6	0.0
27/03/2024 11:50	2.7	67	23	4.6	0.0
27/03/2024 12:00	2.6	71	25	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 12:10	2.3	64	28	4.0	0.0
27/03/2024 12:20	2.7	63	24	4.3	0.0
27/03/2024 12:30	2.7	57	21	4.1	0.0
27/03/2024 12:40	2.5	66	21	4.0	0.0
27/03/2024 12:50	2.3	65	20	3.6	0.0
27/03/2024 13:00	2.4	63	24	3.7	0.0
27/03/2024 13:10	2.4	61	23	4.0	0.0
27/03/2024 13:20	2.3	62	21	4.0	0.0
27/03/2024 13:30	2.7	53	22	4.3	0.0
27/03/2024 13:40	2.4	61	22	4.3	0.0
27/03/2024 13:50	2.8	59	20	4.6	0.0
27/03/2024 14:00	2.2	68	26	4.1	0.0
27/03/2024 14:10	2.0	65	24	3.9	0.0
27/03/2024 14:20	2.2	71	23	4.2	0.0
27/03/2024 14:30	1.8	62	20	3.8	0.0
27/03/2024 14:40	2.2	55	25	3.6	0.0
27/03/2024 14:50	1.3	27	28	3.5	0.0
27/03/2024 15:00	2.3	322	38	4.8	0.0
27/03/2024 15:10	2.6	303	39	5.2	0.0
27/03/2024 15:20	2.9	330	32	5.2	0.0
27/03/2024 15:30	2.9	178	25	4.5	0.0
27/03/2024 15:40	2.4	15	27	4.0	0.0
27/03/2024 15:50	2.4	14	27	4.3	0.0
27/03/2024 16:00	2.7	14	26	4.4	0.0
27/03/2024 16:10	2.6	173	30	4.1	0.0
27/03/2024 16:20	3.0	331	31	4.8	0.0
27/03/2024 16:30	1.8	316	32	4.3	0.0
27/03/2024 16:40	2.3	332	36	4.0	0.0
27/03/2024 16:50	2.4	351	37	4.0	0.0
27/03/2024 17:00	2.6	345	25	4.5	0.0
27/03/2024 17:10	2.3	332	29	4.1	0.0
27/03/2024 17:20	2.2	316	32	4.1	0.0
27/03/2024 17:30	2.2	315	23	3.6	0.0
27/03/2024 17:40	2.1	300	43	3.8	0.0
27/03/2024 17:50	2.2	305	37	4.3	0.0
27/03/2024 18:00	2.0	275	32	4.3	0.0
27/03/2024 18:10	1.5	279	39	2.8	0.0
27/03/2024 18:20	2.2	258	22	3.9	0.0
27/03/2024 18:30	2.0	263	23	4.0	0.0
27/03/2024 18:40	2.4	255	20	3.5	0.0
27/03/2024 18:50	1.9	261	28	3.1	0.0
27/03/2024 19:00	1.9	253	19	2.9	0.0
27/03/2024 19:10	2.0	255	18	2.9	0.0
27/03/2024 19:20	2.7	251	16	4.4	0.0
27/03/2024 19:30	3.3	250	18	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 19:40	2.5	255	14	4.0	0.0
27/03/2024 19:50	2.8	248	18	4.3	0.0
27/03/2024 20:00	2.8	248	15	4.1	0.0
27/03/2024 20:10	2.6	251	16	4.1	0.0
27/03/2024 20:20	2.8	248	17	4.2	0.0
27/03/2024 20:30	2.3	254	17	3.7	0.0
27/03/2024 20:40	2.6	250	14	4.3	0.0
27/03/2024 20:50	2.5	249	16	3.8	0.0
27/03/2024 21:00	2.7	250	14	3.6	0.0
27/03/2024 21:10	2.0	257	13	3.1	0.0
27/03/2024 21:20	1.3	265	17	2.1	0.0
27/03/2024 21:30	1.9	250	16	2.9	0.0
27/03/2024 21:40	1.5	255	16	2.5	0.0
27/03/2024 21:50	1.7	254	15	2.8	0.0
27/03/2024 22:00	2.4	263	17	3.4	0.0
27/03/2024 22:10	2.4	252	16	3.6	0.0
27/03/2024 22:20	2.0	252	12	2.8	0.0
27/03/2024 22:30	2.2	253	15	3.1	0.0
27/03/2024 22:40	2.2	254	14	3.2	0.0
27/03/2024 22:50	1.8	240	20	3.1	0.0
27/03/2024 23:00	1.9	232	17	3.2	0.0
27/03/2024 23:10	2.1	237	15	3.0	0.0
27/03/2024 23:20	2.3	237	15	3.4	0.0
27/03/2024 23:30	2.0	240	17	2.9	0.0
27/03/2024 23:40	2.3	240	16	3.6	0.0
27/03/2024 23:50	2.5	242	15	4.0	0.0
28/03/2024 00:00	2.5	237	18	3.6	0.0
28/03/2024 00:10	2.5	238	16	4.0	0.0
28/03/2024 00:20	2.4	243	17	3.6	0.0
28/03/2024 00:30	2.5	245	15	3.7	0.0
28/03/2024 00:40	2.2	244	17	3.5	0.0
28/03/2024 00:50	2.0	257	15	3.0	0.0
28/03/2024 01:00	2.0	255	17	2.8	0.0
28/03/2024 01:10	2.4	247	17	3.7	0.0
28/03/2024 01:20	2.4	241	18	3.8	0.0
28/03/2024 01:30	2.3	240	16	3.3	0.0
28/03/2024 01:40	2.6	240	15	3.6	0.0
28/03/2024 01:50	2.4	244	17	3.6	0.0
28/03/2024 02:00	2.4	248	18	3.7	0.0
28/03/2024 02:10	2.3	245	15	3.5	0.0
28/03/2024 02:20	2.2	260	17	3.2	0.0
28/03/2024 02:30	2.1	252	16	3.0	0.0
28/03/2024 02:40	2.2	256	17	3.2	0.0
28/03/2024 02:50	2.2	254	18	3.2	0.0
28/03/2024 03:00	2.2	262	15	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 03:10	2.0	261	17	3.1	0.0
28/03/2024 03:20	2.2	257	16	3.4	0.0
28/03/2024 03:30	2.2	256	17	3.2	0.0
28/03/2024 03:40	2.2	250	19	3.4	0.0
28/03/2024 03:50	2.1	247	19	3.2	0.0
28/03/2024 04:00	2.3	238	19	3.9	0.0
28/03/2024 04:10	3.0	236	15	4.1	0.0
28/03/2024 04:20	2.7	235	18	4.4	0.0
28/03/2024 04:30	3.0	237	15	4.5	0.0
28/03/2024 04:40	2.1	240	19	3.2	0.0
28/03/2024 04:50	2.3	241	17	3.6	0.0
28/03/2024 05:00	2.1	237	18	3.6	0.0
28/03/2024 05:10	2.5	234	17	4.0	0.0
28/03/2024 05:20	2.4	232	16	3.6	0.0
28/03/2024 05:30	2.3	236	18	3.7	0.0
28/03/2024 05:40	1.7	242	18	2.8	0.0
28/03/2024 05:50	1.7	233	17	3.0	0.0
28/03/2024 06:00	2.0	239	16	2.9	0.0
28/03/2024 06:10	1.9	261	15	2.7	0.0
28/03/2024 06:20	1.7	274	19	2.9	0.0
28/03/2024 06:30	1.8	274	20	2.8	0.0
28/03/2024 06:40	1.8	277	19	2.9	0.0
28/03/2024 06:50	1.8	287	18	2.9	0.0
28/03/2024 07:00	1.3	285	22	2.7	0.0
28/03/2024 07:10	0.6	231	26	2.7	0.0
28/03/2024 07:20	1.6	191	20	2.9	0.0
28/03/2024 07:30	1.5	192	20	2.8	0.0
28/03/2024 07:40	1.6	191	23	2.8	0.0
28/03/2024 07:50	0.9	168	16	2.8	0.0
28/03/2024 08:00	1.2	165	24	3.1	0.0
28/03/2024 08:10	1.8	156	27	3.6	0.0
28/03/2024 08:20	1.9	166	22	3.6	0.0
28/03/2024 08:30	2.2	171	22	3.9	0.0
28/03/2024 08:40	2.0	154	29	3.7	0.0
28/03/2024 08:50	1.7	140	28	3.3	0.0
28/03/2024 09:00	1.9	139	28	2.9	0.0
28/03/2024 09:10	1.2	136	24	2.8	0.0
28/03/2024 09:20	1.9	129	24	3.2	0.0
28/03/2024 09:30	1.7	125	24	2.7	0.0
28/03/2024 09:40	0.6	119	15	2.4	0.0
28/03/2024 09:50	1.0	112	25	2.6	0.0
28/03/2024 10:00	1.2	107	28	2.8	0.0
28/03/2024 10:10	1.2	101	30	2.7	0.0
28/03/2024 10:20	1.6	123	34	2.9	0.0
28/03/2024 10:30	1.9	100	24	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 10:40	1.9	89	30	3.0	0.0
28/03/2024 10:50	2.1	62	22	3.6	0.0
28/03/2024 11:00	2.4	58	22	4.1	0.0
28/03/2024 11:10	2.4	60	21	4.0	0.0
28/03/2024 11:20	2.0	69	24	3.3	0.0
28/03/2024 11:30	2.1	62	25	3.5	0.0
28/03/2024 11:40	2.0	62	22	3.7	0.0
28/03/2024 11:50	2.3	50	23	3.5	0.0
28/03/2024 12:00	2.1	60	23	3.6	0.0
28/03/2024 12:10	2.5	45	22	4.2	0.0
28/03/2024 12:20	2.3	60	22	3.6	0.0
28/03/2024 12:30	2.5	55	26	4.0	0.0
28/03/2024 12:40	2.7	62	21	4.4	0.0
28/03/2024 12:50	2.3	62	23	4.0	0.0
28/03/2024 13:00	2.4	63	22	3.6	0.0
28/03/2024 13:10	2.4	67	19	3.9	0.0
28/03/2024 13:20	1.9	63	27	3.5	0.0
28/03/2024 13:30	2.3	186	41	6.0	0.0
28/03/2024 13:40	2.9	351	37	4.8	0.0
28/03/2024 13:50	2.9	320	34	5.1	0.0
28/03/2024 14:00	1.7	313	38	4.0	0.0
28/03/2024 14:10	2.3	326	32	4.5	0.0
28/03/2024 14:20	1.9	6	27	4.0	0.0
28/03/2024 14:30	2.8	17	26	4.5	0.0
28/03/2024 14:40	3.3	12	27	5.0	0.0
28/03/2024 14:50	3.2	12	28	4.9	0.0
28/03/2024 15:00	2.9	14	30	5.1	0.0
28/03/2024 15:10	2.5	11	36	4.4	0.0
28/03/2024 15:20	2.6	348	29	4.2	0.0
28/03/2024 15:30	2.1	5	40	4.0	0.0
28/03/2024 15:40	2.3	343	34	4.4	0.0
28/03/2024 15:50	1.7	346	27	4.6	0.0
28/03/2024 16:00	1.7	335	29	4.0	0.0
28/03/2024 16:10	1.8	337	25	4.4	0.0
28/03/2024 16:20	2.2	323	29	4.2	0.0
28/03/2024 16:30	2.7	317	28	4.9	0.0
28/03/2024 16:40	2.0	324	31	4.3	0.0
28/03/2024 16:50	2.8	326	26	5.0	0.0
28/03/2024 17:00	2.7	316	26	4.6	0.0
28/03/2024 17:10	2.0	315	27	3.9	0.0
28/03/2024 17:20	1.9	319	26	4.0	0.0
28/03/2024 17:30	1.3	308	29	3.2	0.0
28/03/2024 17:40	1.5	311	29	4.0	0.0
28/03/2024 17:50	1.4	301	31	3.2	0.0
28/03/2024 18:00	1.1	310	28	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 18:10	1.2	297	33	3.1	0.0
28/03/2024 18:20	1.0	272	28	2.8	0.0
28/03/2024 18:30	0.9	287	32	3.2	0.0
28/03/2024 18:40	1.0	284	32	3.0	0.0
28/03/2024 18:50	1.0	273	30	3.1	0.0
28/03/2024 19:00	0.9	302	32	3.4	0.0
28/03/2024 19:10	1.4	284	31	3.0	0.0
28/03/2024 19:20	1.7	251	20	3.1	0.0
28/03/2024 19:30	1.5	258	19	3.1	0.0
28/03/2024 19:40	1.6	261	22	3.2	0.0
28/03/2024 19:50	1.7	260	22	3.3	0.0
28/03/2024 20:00	1.2	254	15	2.7	0.0
28/03/2024 20:10	0.8	268	19	2.2	0.0
28/03/2024 20:20	1.2	257	19	2.8	0.0
28/03/2024 20:30	0.4	266	10	2.2	0.0
28/03/2024 20:40	0.5	257	15	1.8	0.0
28/03/2024 20:50	1.4	248	12	2.9	0.0
28/03/2024 21:00	1.7	256	15	3.1	0.0
28/03/2024 21:10	0.4	264	13	1.6	0.0
28/03/2024 21:20	0.3	267	13	1.2	0.0
28/03/2024 21:30	0.8	272	13	2.3	0.0
28/03/2024 21:40	1.6	259	16	3.2	0.0
28/03/2024 21:50	2.4	255	15	3.8	0.0
28/03/2024 22:00	2.2	251	16	3.7	0.0
28/03/2024 22:10	2.3	249	12	3.7	0.0
28/03/2024 22:20	2.5	248	14	3.9	0.0
28/03/2024 22:30	2.6	250	17	4.1	0.0
28/03/2024 22:40	2.8	248	15	4.2	0.0
28/03/2024 22:50	2.6	250	16	3.9	0.0
28/03/2024 23:00	2.7	249	15	4.0	0.0
28/03/2024 23:10	2.5	248	16	4.5	0.0
28/03/2024 23:20	2.4	250	16	4.0	0.0
28/03/2024 23:30	2.7	248	16	4.2	0.0
28/03/2024 23:40	2.5	250	13	4.2	0.0
28/03/2024 23:50	2.4	245	17	3.6	0.0
29/03/2024 00:00	2.1	256	17	3.6	0.0
29/03/2024 00:10	2.1	251	16	3.3	0.0
29/03/2024 00:20	2.0	255	15	3.7	0.0
29/03/2024 00:30	2.2	252	14	3.5	0.0
29/03/2024 00:40	2.4	257	18	4.2	0.0
29/03/2024 00:50	2.5	254	18	4.5	0.0
29/03/2024 01:00	2.4	255	14	4.0	0.0
29/03/2024 01:10	2.2	254	17	4.3	0.0
29/03/2024 01:20	2.4	254	16	3.9	0.0
29/03/2024 01:30	2.9	253	17	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 01:40	2.9	251	16	4.4	0.0
29/03/2024 01:50	2.8	255	14	4.2	0.0
29/03/2024 02:00	2.6	254	16	4.1	0.0
29/03/2024 02:10	2.2	253	16	3.7	0.0
29/03/2024 02:20	2.1	254	13	3.4	0.0
29/03/2024 02:30	2.3	254	16	3.9	0.0
29/03/2024 02:40	2.4	254	15	4.1	0.0
29/03/2024 02:50	2.4	255	15	4.0	0.0
29/03/2024 03:00	2.1	264	17	3.9	0.0
29/03/2024 03:10	2.3	253	17	3.8	0.0
29/03/2024 03:20	2.4	259	20	4.8	0.0
29/03/2024 03:30	1.8	259	15	3.5	0.0
29/03/2024 03:40	2.0	251	18	3.6	0.0
29/03/2024 03:50	2.4	255	14	3.9	0.0
29/03/2024 04:00	1.6	257	16	3.2	0.0
29/03/2024 04:10	1.4	254	15	2.8	0.0
29/03/2024 04:20	1.6	252	14	3.3	0.0
29/03/2024 04:30	0.9	235	15	3.0	0.0
29/03/2024 04:40	0.2	229	7	2.0	0.0
29/03/2024 04:50	0.9	229	12	2.6	0.0
29/03/2024 05:00	0.1	260	4	1.0	0.0
29/03/2024 05:10	0.1	261	4	1.1	0.0
29/03/2024 05:20	0.1	259	5	1.2	0.0
29/03/2024 05:30	0.2	265	5	1.6	0.0
29/03/2024 05:40	0.3	267	6	1.7	0.0
29/03/2024 05:50	0.4	259	6	1.7	0.0
29/03/2024 06:00	0.6	263	10	2.2	0.0
29/03/2024 06:10	0.7	258	10	2.1	0.0
29/03/2024 06:20	0.7	263	7	2.5	0.0
29/03/2024 06:30	0.8	264	9	2.3	0.0
29/03/2024 06:40	1.1	262	12	2.7	0.0
29/03/2024 06:50	0.2	256	4	1.6	0.0
29/03/2024 07:00	0.4	253	10	2.0	0.0
29/03/2024 07:10	1.3	230	15	3.0	0.0
29/03/2024 07:20	1.6	241	15	3.2	0.0
29/03/2024 07:30	1.5	241	15	3.3	0.0
29/03/2024 07:40	1.7	239	13	3.1	0.0
29/03/2024 07:50	1.9	228	21	3.5	0.0
29/03/2024 08:00	1.6	227	19	3.2	0.0
29/03/2024 08:10	2.1	231	20	3.6	0.0
29/03/2024 08:20	1.7	222	18	3.4	0.0
29/03/2024 08:30	1.0	234	14	3.0	0.0
29/03/2024 08:40	0.7	218	16	2.3	0.0
29/03/2024 08:50	0.0	156	2	0.9	0.0
29/03/2024 09:00	0.4	132	13	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 09:10	0.2	152	17	1.8	0.0
29/03/2024 09:20	0.3	113	12	2.1	0.0
29/03/2024 09:30	0.4	130	20	2.4	0.0
29/03/2024 09:40	0.3	129	13	1.5	0.0
29/03/2024 09:50	1.6	138	36	2.8	0.0
29/03/2024 10:00	1.3	137	34	2.6	0.0
29/03/2024 10:10	1.6	120	31	2.5	0.0
29/03/2024 10:20	1.3	119	29	2.3	0.0
29/03/2024 10:30	1.3	114	36	2.4	0.0
29/03/2024 10:40	1.3	93	29	2.8	0.0
29/03/2024 10:50	1.4	100	34	2.8	0.0
29/03/2024 11:00	1.7	67	26	3.2	0.0
29/03/2024 11:10	2.2	68	28	3.6	0.0
29/03/2024 11:20	2.2	83	31	3.9	0.0
29/03/2024 11:30	2.5	56	21	4.4	0.0
29/03/2024 11:40	2.5	56	21	3.8	0.0
29/03/2024 11:50	2.9	63	23	4.7	0.0
29/03/2024 12:00	2.6	61	22	4.4	0.0
29/03/2024 12:10	2.7	48	22	4.8	0.0
29/03/2024 12:20	2.9	61	23	4.7	0.0
29/03/2024 12:30	2.7	56	24	4.6	0.0
29/03/2024 12:40	2.8	54	25	4.5	0.0
29/03/2024 12:50	2.9	70	23	4.7	0.0
29/03/2024 13:00	2.7	59	24	4.4	0.0
29/03/2024 13:10	2.7	60	23	4.4	0.0
29/03/2024 13:20	3.1	55	19	4.8	0.0
29/03/2024 13:30	3.1	59	20	4.7	0.0
29/03/2024 13:40	2.8	58	23	4.4	0.0
29/03/2024 13:50	3.0	56	22	4.7	0.0
29/03/2024 14:00	3.1	52	22	5.2	0.0
29/03/2024 14:10	3.3	62	21	5.0	0.0
29/03/2024 14:20	3.0	55	22	4.9	0.0
29/03/2024 14:30	2.8	59	20	4.4	0.0
29/03/2024 14:40	3.1	68	21	5.6	0.0
29/03/2024 14:50	3.2	60	23	4.9	0.0
29/03/2024 15:00	2.9	55	22	4.4	0.0
29/03/2024 15:10	3.5	53	17	5.5	0.0
29/03/2024 15:20	2.9	69	20	4.2	0.0
29/03/2024 15:30	2.5	68	20	4.0	0.0
29/03/2024 15:40	2.3	64	21	3.8	0.0
29/03/2024 15:50	2.5	33	35	4.1	0.0
29/03/2024 16:00	2.6	25	30	4.4	0.0
29/03/2024 16:10	2.8	21	28	4.6	0.0
29/03/2024 16:20	2.8	15	27	4.2	0.0
29/03/2024 16:30	2.6	14	25	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 16:40	2.5	173	28	3.9	0.0
29/03/2024 16:50	2.7	326	28	4.2	0.0
29/03/2024 17:00	1.9	178	30	3.5	0.0
29/03/2024 17:10	2.3	329	24	3.6	0.0
29/03/2024 17:20	1.9	315	30	3.1	0.0
29/03/2024 17:30	2.5	338	23	4.4	0.0
29/03/2024 17:40	2.8	324	21	4.4	0.0
29/03/2024 17:50	2.6	319	23	4.0	0.0
29/03/2024 18:00	2.6	324	29	4.2	0.0
29/03/2024 18:10	2.3	169	28	4.0	0.0
29/03/2024 18:20	2.3	334	24	4.0	0.0
29/03/2024 18:30	2.6	337	22	4.0	0.0
29/03/2024 18:40	2.7	324	18	4.2	0.0
29/03/2024 18:50	2.6	330	19	4.0	0.0
29/03/2024 19:00	2.6	325	20	4.0	0.0
29/03/2024 19:10	1.9	323	33	3.6	0.0
29/03/2024 19:20	1.8	275	31	3.1	0.0
29/03/2024 19:30	2.2	269	29	3.8	0.0
29/03/2024 19:40	1.9	270	28	3.0	0.0
29/03/2024 19:50	1.9	262	22	2.9	0.0
29/03/2024 20:00	1.7	256	24	2.8	0.0
29/03/2024 20:10	1.6	262	29	2.4	0.0
29/03/2024 20:20	1.8	260	28	2.8	0.0
29/03/2024 20:30	2.4	254	15	3.3	0.0
29/03/2024 20:40	2.3	246	13	3.2	0.0
29/03/2024 20:50	2.2	251	13	2.9	0.0
29/03/2024 21:00	2.3	254	13	3.1	0.0
29/03/2024 21:10	1.9	251	15	3.0	0.0
29/03/2024 21:20	1.8	248	15	2.7	0.0
29/03/2024 21:30	2.4	252	16	3.5	0.0
29/03/2024 21:40	2.6	249	12	3.7	0.0
29/03/2024 21:50	2.4	251	14	3.4	0.0
29/03/2024 22:00	2.3	250	15	3.5	0.0
29/03/2024 22:10	2.5	244	13	3.4	0.0
29/03/2024 22:20	2.5	252	14	3.6	0.0
29/03/2024 22:30	2.4	248	13	3.6	0.0
29/03/2024 22:40	2.2	242	14	3.2	0.0
29/03/2024 22:50	2.3	253	16	3.2	0.0
29/03/2024 23:00	2.3	250	18	3.4	0.0
29/03/2024 23:10	2.0	243	16	3.1	0.0
29/03/2024 23:20	2.3	241	18	3.5	0.0
29/03/2024 23:30	2.7	235	18	3.9	0.0
29/03/2024 23:40	2.0	242	17	3.2	0.0
29/03/2024 23:50	2.3	235	17	3.2	0.0
30/03/2024 00:00	2.2	234	16	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 00:10	1.6	241	15	2.6	0.0
30/03/2024 00:20	1.6	256	13	2.5	0.0
30/03/2024 00:30	1.8	259	16	2.6	0.0
30/03/2024 00:40	1.6	255	14	2.5	0.0
30/03/2024 00:50	1.7	258	13	2.4	0.0
30/03/2024 01:00	1.6	256	12	2.3	0.0
30/03/2024 01:10	1.2	251	13	1.9	0.0
30/03/2024 01:20	1.7	260	13	2.2	0.0
30/03/2024 01:30	1.6	258	13	2.4	0.0
30/03/2024 01:40	1.1	257	17	1.6	0.0
30/03/2024 01:50	1.7	261	14	2.8	0.0
30/03/2024 02:00	1.6	255	16	2.5	0.0
30/03/2024 02:10	1.3	248	16	1.9	0.0
30/03/2024 02:20	1.6	253	14	2.5	0.0
30/03/2024 02:30	1.7	265	13	2.4	0.0
30/03/2024 02:40	1.9	268	15	2.5	0.0
30/03/2024 02:50	1.7	256	15	2.8	0.0
30/03/2024 03:00	2.0	252	13	2.8	0.0
30/03/2024 03:10	1.0	235	25	1.9	0.0
30/03/2024 03:20	0.6	211	16	1.7	0.0
30/03/2024 03:30	0.0	218	0	0.4	0.0
30/03/2024 03:40					0.0
30/03/2024 03:50					0.0
30/03/2024 04:00					0.0
30/03/2024 04:10					0.0
30/03/2024 04:20					0.0
30/03/2024 04:30					0.0
30/03/2024 04:40	0.3	314	2	1.9	0.0
30/03/2024 04:50	1.0	328	11	1.7	0.0
30/03/2024 05:00	0.7	340	8	1.2	0.0
30/03/2024 05:10	0.7	356	13	1.1	0.0
30/03/2024 05:20	1.1	342	11	1.5	0.0
30/03/2024 05:30	0.3	336	4	0.9	0.0
30/03/2024 05:40					0.0
30/03/2024 05:50					0.0
30/03/2024 06:00					0.0
30/03/2024 06:10					0.0
30/03/2024 06:20					0.0
30/03/2024 06:30					0.0
30/03/2024 06:40					0.0
30/03/2024 06:50					0.0
30/03/2024 07:00					0.0
30/03/2024 07:10					0.0
30/03/2024 07:20	0.0	91	4	0.8	0.0
30/03/2024 07:30	1.2	93	21	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 07:40	1.7	92	25	2.8	0.0
30/03/2024 07:50	1.9	97	29	3.2	0.0
30/03/2024 08:00	1.8	108	32	3.0	0.0
30/03/2024 08:10	2.2	104	28	3.6	0.0
30/03/2024 08:20	2.1	105	29	3.6	0.0
30/03/2024 08:30	1.8	121	23	2.8	0.0
30/03/2024 08:40	1.3	101	27	2.8	0.0
30/03/2024 08:50	2.2	118	37	4.3	0.0
30/03/2024 09:00	2.7	85	31	4.4	0.0
30/03/2024 09:10	3.6	83	25	6.4	0.0
30/03/2024 09:20	3.8	88	24	6.0	0.0
30/03/2024 09:30	3.7	85	23	5.4	0.0
30/03/2024 09:40	3.4	72	22	5.3	0.0
30/03/2024 09:50	3.5	84	24	5.6	0.0
30/03/2024 10:00	3.6	78	21	5.8	0.0
30/03/2024 10:10	3.1	79	21	5.2	0.0
30/03/2024 10:20	3.0	76	23	4.7	0.0
30/03/2024 10:30	2.9	76	21	4.7	0.0
30/03/2024 10:40	2.8	92	25	4.5	0.0
30/03/2024 10:50	2.6	88	23	4.1	0.0
30/03/2024 11:00	2.8	60	24	4.4	0.0
30/03/2024 11:10	2.7	68	22	4.3	0.0
30/03/2024 11:20	2.8	61	23	4.6	0.0
30/03/2024 11:30	2.9	61	23	4.8	0.0
30/03/2024 11:40	2.5	63	22	4.3	0.0
30/03/2024 11:50	2.5	66	23	4.2	0.0
30/03/2024 12:00	2.2	75	25	4.1	0.0
30/03/2024 12:10	2.4	63	24	4.2	0.0
30/03/2024 12:20	2.8	57	22	5.6	0.0
30/03/2024 12:30	2.5	67	21	4.0	0.0
30/03/2024 12:40	2.9	53	21	4.9	0.0
30/03/2024 12:50	2.9	50	19	4.8	0.0
30/03/2024 13:00	3.3	48	20	4.8	0.0
30/03/2024 13:10	2.6	52	20	4.7	0.0
30/03/2024 13:20	2.4	53	22	4.0	0.0
30/03/2024 13:30	2.4	55	22	4.0	0.0
30/03/2024 13:40	2.8	57	18	4.4	0.0
30/03/2024 13:50	1.9	62	22	3.7	0.0
30/03/2024 14:00	1.7	65	26	3.8	0.0
30/03/2024 14:10	2.3	58	20	4.3	0.0
30/03/2024 14:20	2.1	57	21	3.9	0.0
30/03/2024 14:30	2.2	52	22	4.2	0.0
30/03/2024 14:40	1.9	56	21	3.6	0.0
30/03/2024 14:50	2.2	56	20	3.9	0.0
30/03/2024 15:00	2.0	55	23	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 15:10	2.0	61	22	3.8	0.0
30/03/2024 15:20	1.1	68	18	2.4	0.0
30/03/2024 15:30	1.5	64	21	3.5	0.0
30/03/2024 15:40	1.5	56	21	3.5	0.0
30/03/2024 15:50	1.5	62	22	2.8	0.0
30/03/2024 16:00	0.6	68	13	1.9	0.0
30/03/2024 16:10	1.8	71	21	2.8	0.0
30/03/2024 16:20	1.9	63	21	3.0	0.0
30/03/2024 16:30	1.5	59	26	2.5	0.0
30/03/2024 16:40	1.6	22	34	3.0	0.0
30/03/2024 16:50	1.9	179	30	3.3	0.0
30/03/2024 17:00	1.8	351	31	3.4	0.0
30/03/2024 17:10	2.0	344	24	3.2	0.0
30/03/2024 17:20	1.7	327	18	2.8	0.0
30/03/2024 17:30	1.8	324	26	2.7	0.0
30/03/2024 17:40	1.9	329	21	2.8	0.0
30/03/2024 17:50	2.0	324	18	3.2	0.0
30/03/2024 18:00	1.8	293	27	2.8	0.0
30/03/2024 18:10	2.4	326	17	3.6	0.0
30/03/2024 18:20	1.9	321	24	3.2	0.0
30/03/2024 18:30	2.0	324	25	3.3	0.0
30/03/2024 18:40	2.0	330	21	3.2	0.0
30/03/2024 18:50	2.3	325	21	3.2	0.0
30/03/2024 19:00	2.0	332	22	3.5	0.0
30/03/2024 19:10	1.9	338	28	3.1	0.0
30/03/2024 19:20	1.4	266	64	2.9	0.0
30/03/2024 19:30	0.7	261	42	1.9	0.0
30/03/2024 19:40	1.8	307	39	3.1	0.0
30/03/2024 19:50	1.5	279	40	2.6	0.0
30/03/2024 20:00	1.0	290	48	2.5	0.0
30/03/2024 20:10	1.5	282	22	2.7	0.0
30/03/2024 20:20	1.6	275	22	2.6	0.0
30/03/2024 20:30	1.3	288	36	2.5	0.0
30/03/2024 20:40	0.8	289	31	2.1	0.0
30/03/2024 20:50	0.8	311	46	2.5	0.0
30/03/2024 21:00	1.2	272	23	2.0	0.0
30/03/2024 21:10	0.6	261	17	1.2	0.0
30/03/2024 21:20	0.7	261	16	1.6	0.0
30/03/2024 21:30	0.2	264	3	0.9	0.0
30/03/2024 21:40					0.0
30/03/2024 21:50					0.0
30/03/2024 22:00					0.0
30/03/2024 22:10	0.7	293	9	1.5	0.0
30/03/2024 22:20	0.4	332	21	1.4	0.0
30/03/2024 22:30	0.8	350	27	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 22:40	1.4	336	24	2.3	0.0
30/03/2024 22:50	0.3	340	22	1.6	0.0
30/03/2024 23:00	0.7	356	25	1.9	0.0
30/03/2024 23:10	0.3	239	16	0.9	0.0
30/03/2024 23:20					0.0
30/03/2024 23:30	0.8	258	12	1.6	0.0
30/03/2024 23:40	0.8	248	8	1.1	0.0
30/03/2024 23:50	0.0	266	8	0.4	0.0
31/03/2024 00:00					0.0
31/03/2024 00:10	0.1	257	11	0.6	0.0
31/03/2024 00:20	0.0	356	0	0.4	0.0
31/03/2024 00:30	0.6	331	15	1.5	0.0
31/03/2024 00:40	0.9	346	24	1.9	0.0
31/03/2024 00:50	1.1	320	22	1.6	0.0
31/03/2024 01:00	1.0	332	16	1.9	0.0
31/03/2024 01:10	0.5	300	22	1.4	0.0
31/03/2024 01:20	0.1	188	14	0.8	0.0
31/03/2024 01:30					0.0
31/03/2024 01:40					0.0
31/03/2024 01:50					0.0
31/03/2024 02:00	0.4	246	12	1.1	0.0
31/03/2024 02:10					0.0
31/03/2024 02:20	0.0	279	1	0.8	0.0
31/03/2024 02:30	0.7	312	14	1.3	0.0
31/03/2024 02:40	0.9	293	16	1.4	0.0
31/03/2024 02:50	0.3	301	9	0.8	0.0
31/03/2024 03:00	1.5	264	17	2.2	0.0
31/03/2024 03:10	1.1	264	13	2.0	0.0
31/03/2024 03:20	0.4	286	6	1.0	0.0
31/03/2024 03:30	1.7	263	14	2.4	0.0
31/03/2024 03:40	1.9	263	13	2.8	0.0
31/03/2024 03:50	2.0	264	15	2.9	0.0
31/03/2024 04:00	2.2	259	13	3.0	0.0
31/03/2024 04:10	2.1	260	15	3.0	0.0
31/03/2024 04:20	1.5	271	18	2.4	0.0
31/03/2024 04:30	2.0	255	13	2.9	0.0
31/03/2024 04:40	1.4	270	20	2.1	0.0
31/03/2024 04:50	0.4	283	18	1.2	0.0
31/03/2024 05:00					0.0
31/03/2024 05:10	1.0	255	16	1.7	0.0
31/03/2024 05:20	1.0	261	20	1.6	0.0
31/03/2024 05:30	0.5	267	13	1.2	0.0
31/03/2024 05:40	0.4	320	13	0.9	0.0
31/03/2024 05:50					0.0
31/03/2024 06:00	0.1	335	8	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 06:10	0.2	310	9	1.0	0.0
31/03/2024 06:20	0.4	279	12	1.3	0.0
31/03/2024 06:30	1.0	255	10	1.7	0.0
31/03/2024 06:40	0.6	252	9	1.5	0.0
31/03/2024 06:50	1.1	250	15	1.6	0.0
31/03/2024 07:00	1.2	236	19	2.0	0.0
31/03/2024 07:10	0.6	238	23	1.3	0.0
31/03/2024 07:20	1.2	227	15	1.9	0.0
31/03/2024 07:30	1.2	235	18	1.9	0.0
31/03/2024 07:40	1.4	223	20	2.3	0.0
31/03/2024 07:50	1.3	217	24	2.1	0.0
31/03/2024 08:00	1.1	165	32	1.9	0.0
31/03/2024 08:10	1.3	117	24	2.0	0.0
31/03/2024 08:20	1.4	115	30	2.3	0.0
31/03/2024 08:30	1.5	114	25	2.6	0.0
31/03/2024 08:40	1.5	112	31	2.3	0.0
31/03/2024 08:50	1.5	118	30	2.6	0.0
31/03/2024 09:00	1.6	108	30	2.7	0.0
31/03/2024 09:10	1.4	116	32	2.7	0.0
31/03/2024 09:20	1.2	113	31	2.2	0.0
31/03/2024 09:30	1.5	131	29	2.8	0.0
31/03/2024 09:40	1.8	120	29	2.8	0.0
31/03/2024 09:50	1.6	119	34	2.7	0.0
31/03/2024 10:00	1.6	108	28	2.4	0.0
31/03/2024 10:10	1.5	95	34	3.1	0.0
31/03/2024 10:20	1.9	104	26	3.2	0.0
31/03/2024 10:30	2.0	77	25	3.3	0.0
31/03/2024 10:40	2.0	78	26	3.2	0.0
31/03/2024 10:50	2.0	59	21	3.5	0.0
31/03/2024 11:00	2.1	61	23	3.2	0.0
31/03/2024 11:10	2.0	66	25	3.5	0.0
31/03/2024 11:20	2.3	67	22	3.6	0.0
31/03/2024 11:30	2.4	60	22	3.7	0.0
31/03/2024 11:40	2.6	63	22	4.6	0.0
31/03/2024 11:50	2.6	60	22	4.3	0.0
31/03/2024 12:00	2.5	62	23	4.7	0.0
31/03/2024 12:10	2.5	58	19	4.3	0.0
31/03/2024 12:20	3.0	54	19	4.8	0.0
31/03/2024 12:30	2.6	64	23	4.3	0.0
31/03/2024 12:40	2.6	67	23	4.2	0.0
31/03/2024 12:50	2.5	61	25	4.1	0.0
31/03/2024 13:00	2.4	55	19	3.6	0.0
31/03/2024 13:10	2.5	65	21	3.7	0.0
31/03/2024 13:20	2.7	67	21	4.1	0.0
31/03/2024 13:30	2.7	68	22	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 13:40	2.8	56	26	4.6	0.0
31/03/2024 13:50	2.9	56	24	5.0	0.0
31/03/2024 14:00	3.2	52	21	5.2	0.0
31/03/2024 14:10	2.9	51	25	4.7	0.0
31/03/2024 14:20	2.7	67	21	4.1	0.0
31/03/2024 14:30	2.5	64	22	4.1	0.0
31/03/2024 14:40	2.7	64	20	4.1	0.0
31/03/2024 14:50	2.4	62	22	4.1	0.0
31/03/2024 15:00	2.4	68	21	3.4	0.0
31/03/2024 15:10	2.5	68	21	4.1	0.0
31/03/2024 15:20	2.4	61	23	3.8	0.0
31/03/2024 15:30	2.5	63	20	3.9	0.0
31/03/2024 15:40	2.5	54	22	3.8	0.0
31/03/2024 15:50	2.5	54	22	3.8	0.0
31/03/2024 16:00	2.2	51	20	3.4	0.0
31/03/2024 16:10	1.6	25	36	2.9	0.0
31/03/2024 16:20	2.0	12	34	3.6	0.0
31/03/2024 16:30	2.5	180	32	4.2	0.0
31/03/2024 16:40	2.5	5	28	4.2	0.0
31/03/2024 16:50	2.4	8	26	4.0	0.0
31/03/2024 17:00	2.8	8	24	4.4	0.0
31/03/2024 17:10	3.0	11	21	4.8	0.0
31/03/2024 17:20	2.7	180	31	4.7	0.0
31/03/2024 17:30	2.9	5	26	4.7	0.0
31/03/2024 17:40	2.8	177	29	4.6	0.0
31/03/2024 17:50	3.2	349	25	5.3	0.0
31/03/2024 18:00	3.0	345	23	5.1	0.0
31/03/2024 18:10	3.4	339	18	5.1	0.0
31/03/2024 18:20	3.1	338	22	5.0	0.0
31/03/2024 18:30	3.5	337	19	4.9	0.0
31/03/2024 18:40	3.4	341	20	5.0	0.0
31/03/2024 18:50	3.3	338	18	4.9	0.0
31/03/2024 19:00	3.4	342	20	4.8	0.0
31/03/2024 19:10	2.8	332	26	4.6	0.0
31/03/2024 19:20	3.1	342	21	4.8	0.0
31/03/2024 19:30	2.7	350	26	4.4	0.0
31/03/2024 19:40	2.6	341	26	4.3	0.0
31/03/2024 19:50	3.0	346	22	4.7	0.0
31/03/2024 20:00	2.4	342	25	4.3	0.0
31/03/2024 20:10	2.3	336	33	4.5	0.0
31/03/2024 20:20	2.0	330	34	4.0	0.0
31/03/2024 20:30	2.9	319	22	4.4	0.0
31/03/2024 20:40	2.7	333	24	4.0	0.0
31/03/2024 20:50	2.1	330	28	3.5	0.0
31/03/2024 21:00	1.6	287	48	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 21:10	1.5	244	25	2.3	0.0
31/03/2024 21:20	0.3	233	24	1.6	0.0
31/03/2024 21:30	0.5	311	51	1.9	0.0
31/03/2024 21:40	0.5	257	12	1.7	0.0
31/03/2024 21:50	1.0	212	20	2.0	0.0
31/03/2024 22:00	0.3	213	14	1.1	0.0
31/03/2024 22:10	0.8	228	17	1.7	0.0
31/03/2024 22:20	1.1	241	21	2.0	0.0
31/03/2024 22:30	1.7	249	16	2.5	0.0
31/03/2024 22:40	2.3	252	15	3.0	0.0
31/03/2024 22:50	1.8	255	13	3.0	0.0
31/03/2024 23:00	2.4	239	15	3.6	0.0
31/03/2024 23:10	2.1	239	17	3.3	0.0
31/03/2024 23:20	2.0	255	14	3.2	0.0
31/03/2024 23:30	1.8	256	18	2.7	0.0
31/03/2024 23:40	2.1	252	16	3.0	0.0
31/03/2024 23:50	2.3	250	16	3.5	0.0
01/04/2024 00:00	2.5	248	18	3.8	0.0
01/04/2024 00:10	2.2	246	16	3.0	0.0
01/04/2024 00:20	2.0	260	17	3.1	0.0
01/04/2024 00:30	2.3	259	12	3.2	0.0
01/04/2024 00:40	1.9	262	13	2.8	0.0
01/04/2024 00:50	1.7	265	15	2.4	0.0
01/04/2024 01:00	1.3	271	16	2.0	0.0
01/04/2024 01:10	1.4	268	16	2.4	0.0
01/04/2024 01:20	1.4	273	21	2.2	0.0
01/04/2024 01:30	1.8	261	15	3.0	0.0
01/04/2024 01:40	1.3	274	19	2.2	0.0
01/04/2024 01:50	1.5	261	15	2.1	0.0
01/04/2024 02:00	1.7	253	15	2.1	0.0
01/04/2024 02:10	1.5	256	15	2.4	0.0
01/04/2024 02:20	1.6	250	19	2.5	0.0
01/04/2024 02:30	1.4	259	19	2.2	0.0
01/04/2024 02:40	1.9	262	15	2.7	0.0
01/04/2024 02:50	1.7	259	16	2.4	0.0
01/04/2024 03:00	1.4	271	20	2.0	0.0
01/04/2024 03:10	1.4	276	19	2.4	0.0
01/04/2024 03:20	1.4	269	18	2.0	0.0
01/04/2024 03:30	1.5	254	14	2.5	0.0
01/04/2024 03:40	0.9	275	20	1.7	0.0
01/04/2024 03:50	0.0	267	0	0.4	0.0
01/04/2024 04:00					0.0
01/04/2024 04:10					0.0
01/04/2024 04:20					0.0
01/04/2024 04:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 04:40					0.0
01/04/2024 04:50					0.0
01/04/2024 05:00					0.0
01/04/2024 05:10					0.0
01/04/2024 05:20	0.9	280	17	2.0	0.0
01/04/2024 05:30	0.2	302	12	0.9	0.0
01/04/2024 05:40	0.0	257	2	0.5	0.0
01/04/2024 05:50					0.0
01/04/2024 06:00	1.0	298	18	2.0	0.0
01/04/2024 06:10	1.4	257	19	2.4	0.0
01/04/2024 06:20	0.8	262	18	1.9	0.0
01/04/2024 06:30	1.0	243	11	1.7	0.0
01/04/2024 06:40	0.8	252	13	1.6	0.0
01/04/2024 06:50	1.5	253	18	2.1	0.0
01/04/2024 07:00	0.0	190	3	0.6	0.0
01/04/2024 07:10					0.0
01/04/2024 07:20	0.5	180	17	1.5	0.0
01/04/2024 07:30	0.6	118	22	1.6	0.0
01/04/2024 07:40	0.8	125	24	1.5	0.0
01/04/2024 07:50	1.2	122	29	2.4	0.0
01/04/2024 08:00	1.1	149	27	2.0	0.0
01/04/2024 08:10	0.9	134	20	1.7	0.0
01/04/2024 08:20	1.3	136	26	2.4	0.0
01/04/2024 08:30	1.3	134	29	2.6	0.0
01/04/2024 08:40	0.8	145	29	2.1	0.0
01/04/2024 08:50	1.1	137	27	2.2	0.0
01/04/2024 09:00	1.0	145	24	2.1	0.0
01/04/2024 09:10	1.2	158	28	2.3	0.0
01/04/2024 09:20	0.9	134	30	2.0	0.0
01/04/2024 09:30	1.3	111	29	2.1	0.0
01/04/2024 09:40	1.3	137	34	2.4	0.0
01/04/2024 09:50	1.4	129	30	2.4	0.0
01/04/2024 10:00	1.6	128	28	2.7	0.0
01/04/2024 10:10	1.8	104	27	3.0	0.0
01/04/2024 10:20	1.8	107	30	3.4	0.0
01/04/2024 10:30	1.7	100	33	2.9	0.0
01/04/2024 10:40	1.8	90	32	2.8	0.0
01/04/2024 10:50	2.2	80	30	3.7	0.0
01/04/2024 11:00	2.5	86	26	3.6	0.0
01/04/2024 11:10	2.6	62	23	4.2	0.0
01/04/2024 11:20	2.7	66	22	4.4	0.0
01/04/2024 11:30	2.9	58	23	5.0	0.0
01/04/2024 11:40	2.8	60	23	4.8	0.0
01/04/2024 11:50	2.8	65	24	4.4	0.0
01/04/2024 12:00	3.0	66	24	5.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 12:10	2.9	57	24	5.2	0.0
01/04/2024 12:20	2.8	69	23	4.3	0.0
01/04/2024 12:30	2.9	55	20	4.8	0.0
01/04/2024 12:40	3.1	52	24	5.2	0.0
01/04/2024 12:50	2.8	59	24	4.4	0.0
01/04/2024 13:00	2.8	51	24	4.7	0.0
01/04/2024 13:10	2.6	59	22	4.1	0.0
01/04/2024 13:20	2.7	62	25	4.2	0.0
01/04/2024 13:30	2.4	62	24	4.0	0.0
01/04/2024 13:40	2.4	58	24	4.0	0.0
01/04/2024 13:50	2.4	48	26	3.6	0.0
01/04/2024 14:00	2.4	58	27	4.0	0.0
01/04/2024 14:10	2.3	68	20	4.0	0.0
01/04/2024 14:20	1.9	51	35	3.5	0.0
01/04/2024 14:30	2.0	27	34	3.6	0.0
01/04/2024 14:40	2.5	23	27	4.2	0.0
01/04/2024 14:50	2.4	174	33	3.7	0.0
01/04/2024 15:00	2.9	331	27	4.6	0.0
01/04/2024 15:10	2.9	329	25	4.7	0.0
01/04/2024 15:20	2.6	280	38	4.5	0.0
01/04/2024 15:30	2.5	312	34	4.1	0.0
01/04/2024 15:40	2.7	311	38	4.8	0.0
01/04/2024 15:50	2.4	304	46	4.8	0.0
01/04/2024 16:00	2.6	315	34	4.4	0.0
01/04/2024 16:10	2.8	339	27	4.5	0.0
01/04/2024 16:20	2.4	335	28	4.1	0.0
01/04/2024 16:30	2.5	320	30	4.2	0.0
01/04/2024 16:40	2.6	315	29	4.1	0.0
01/04/2024 16:50	2.1	323	31	4.0	0.0
01/04/2024 17:00	2.1	331	46	4.1	0.0
01/04/2024 17:10	2.4	313	37	4.0	0.0
01/04/2024 17:20	2.4	310	36	4.4	0.0
01/04/2024 17:30	2.6	313	30	4.3	0.0
01/04/2024 17:40	2.4	322	32	3.8	0.0
01/04/2024 17:50	2.3	314	34	4.1	0.0
01/04/2024 18:00	1.7	300	52	3.5	0.0
01/04/2024 18:10	1.8	304	46	3.6	0.0
01/04/2024 18:20	1.8	302	41	3.5	0.0
01/04/2024 18:30	2.0	294	39	3.6	0.0
01/04/2024 18:40	1.8	284	38	3.6	0.0
01/04/2024 18:50	1.9	302	45	3.7	0.0
01/04/2024 19:00	1.9	272	39	3.3	0.0
01/04/2024 19:10	1.9	271	29	3.3	0.0
01/04/2024 19:20	2.4	254	23	3.5	0.0
01/04/2024 19:30	2.4	261	20	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/04/2024 19:40	2.3	256	20	3.6	0.0
01/04/2024 19:50	1.9	264	20	3.0	0.0
01/04/2024 20:00	2.1	263	23	3.3	0.0
01/04/2024 20:10	1.8	265	25	3.0	0.0
01/04/2024 20:20	2.0	259	22	3.2	0.0
01/04/2024 20:30	1.8	260	18	2.8	0.0
01/04/2024 20:40	2.0	258	19	3.2	0.0
01/04/2024 20:50	2.8	247	19	4.5	0.0
01/04/2024 21:00	3.1	247	17	4.4	0.0
01/04/2024 21:10	3.1	247	14	4.4	0.0
01/04/2024 21:20	3.1	248	15	4.4	0.0
01/04/2024 21:30	3.2	249	16	4.5	0.0
01/04/2024 21:40	3.4	250	15	4.9	0.0
01/04/2024 21:50	3.1	248	18	4.8	0.0
01/04/2024 22:00	2.7	253	19	4.2	0.0
01/04/2024 22:10	2.9	249	19	4.4	0.0
01/04/2024 22:20	3.0	247	19	4.8	0.0
01/04/2024 22:30	2.8	251	17	4.8	0.0
01/04/2024 22:40	2.5	252	15	3.8	0.0
01/04/2024 22:50	2.4	253	18	3.8	0.0
01/04/2024 23:00	2.5	253	15	3.7	0.0
01/04/2024 23:10	2.9	252	15	4.0	0.0
01/04/2024 23:20	2.6	251	13	3.6	0.0
01/04/2024 23:30	2.4	249	14	3.6	0.0
01/04/2024 23:40	2.6	254	14	3.7	0.0
01/04/2024 23:50	2.0	253	17	3.7	0.0
02/04/2024 00:00	1.5	241	25	2.8	0.0
02/04/2024 00:10	0.6	230	34	2.0	0.0
02/04/2024 00:20	1.2	242	15	2.5	0.0
02/04/2024 00:30	1.9	249	19	2.8	0.0
02/04/2024 00:40	1.1	253	15	2.1	0.0
02/04/2024 00:50	2.4	248	17	3.7	0.0
02/04/2024 01:00	2.9	252	16	4.2	0.0
02/04/2024 01:10	3.1	254	16	4.6	0.0
02/04/2024 01:20	2.9	256	15	5.0	0.0
02/04/2024 01:30	3.1	255	16	4.8	0.0
02/04/2024 01:40	2.9	253	12	4.0	0.0
02/04/2024 01:50	2.9	250	16	4.2	0.0
02/04/2024 02:00	2.8	250	16	4.4	0.0
02/04/2024 02:10	2.4	251	18	3.9	0.0
02/04/2024 02:20	2.5	236	17	4.1	0.0
02/04/2024 02:30	2.9	235	17	4.3	0.0
02/04/2024 02:40	2.8	241	19	4.4	0.0
02/04/2024 02:50	2.7	232	15	4.2	0.0
02/04/2024 03:00	2.5	235	18	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 03:10	2.4	235	17	3.6	0.0
02/04/2024 03:20	2.9	236	17	4.4	0.0
02/04/2024 03:30	2.7	237	17	4.0	0.0
02/04/2024 03:40	2.3	243	17	3.4	0.0
02/04/2024 03:50	2.3	246	17	3.2	0.0
02/04/2024 04:00	2.8	238	15	4.0	0.0
02/04/2024 04:10	2.7	235	15	3.7	0.0
02/04/2024 04:20	2.9	236	14	3.8	0.0
02/04/2024 04:30	2.4	236	15	3.5	0.0
02/04/2024 04:40	2.5	236	16	3.4	0.0
02/04/2024 04:50	2.2	229	17	3.3	0.0
02/04/2024 05:00	2.1	229	17	3.0	0.0
02/04/2024 05:10	2.6	238	17	3.8	0.0
02/04/2024 05:20	2.3	237	14	3.4	0.0
02/04/2024 05:30	2.4	246	16	3.4	0.0
02/04/2024 05:40	2.0	241	19	2.9	0.0
02/04/2024 05:50	1.1	224	25	1.8	0.0
02/04/2024 06:00	0.4	155	31	1.2	0.0
02/04/2024 06:10	0.9	150	30	1.9	0.0
02/04/2024 06:20	0.8	154	24	1.7	0.0
02/04/2024 06:30	1.3	149	27	2.7	0.0
02/04/2024 06:40	1.3	128	25	2.4	0.0
02/04/2024 06:50	1.3	122	28	2.1	0.0
02/04/2024 07:00	1.1	109	28	2.0	0.0
02/04/2024 07:10	0.8	111	22	1.7	0.0
02/04/2024 07:20	0.9	105	26	1.7	0.0
02/04/2024 07:30	1.7	108	28	2.9	0.0
02/04/2024 07:40	2.0	109	27	3.7	0.0
02/04/2024 07:50	1.8	110	28	3.3	0.0
02/04/2024 08:00	1.9	111	31	3.2	0.0
02/04/2024 08:10	2.0	113	28	3.3	0.0
02/04/2024 08:20	2.0	109	32	3.4	0.0
02/04/2024 08:30	2.1	114	29	3.7	0.0
02/04/2024 08:40	2.0	127	26	3.4	0.0
02/04/2024 08:50	2.4	116	30	3.8	0.0
02/04/2024 09:00	2.7	118	30	4.7	0.0
02/04/2024 09:10	2.9	113	31	5.3	0.0
02/04/2024 09:20	2.4	116	35	4.2	0.0
02/04/2024 09:30	2.5	110	36	4.2	0.0
02/04/2024 09:40	2.5	121	36	4.4	0.0
02/04/2024 09:50	2.5	112	33	4.3	0.0
02/04/2024 10:00	2.8	110	30	4.6	0.0
02/04/2024 10:10	2.8	114	28	4.2	0.0
02/04/2024 10:20	2.7	98	28	4.9	0.0
02/04/2024 10:30	2.6	96	30	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 10:40	2.7	104	27	4.6	0.0
02/04/2024 10:50	2.5	104	35	4.3	0.0
02/04/2024 11:00	2.5	108	32	4.2	0.0
02/04/2024 11:10	2.6	99	30	4.0	0.0
02/04/2024 11:20	2.5	76	25	4.2	0.0
02/04/2024 11:30	2.8	83	27	4.6	0.0
02/04/2024 11:40	2.9	81	25	4.8	0.0
02/04/2024 11:50	2.7	64	25	4.0	0.0
02/04/2024 12:00	3.0	63	25	4.7	0.0
02/04/2024 12:10	2.7	63	25	4.3	0.0
02/04/2024 12:20	3.0	55	23	5.4	0.0
02/04/2024 12:30	2.6	59	24	4.7	0.0
02/04/2024 12:40	3.0	55	23	4.8	0.0
02/04/2024 12:50	3.0	56	24	4.9	0.0
02/04/2024 13:00	2.6	64	24	4.6	0.0
02/04/2024 13:10	3.3	55	21	5.2	0.0
02/04/2024 13:20	3.3	57	25	5.0	0.0
02/04/2024 13:30	3.1	50	23	5.1	0.0
02/04/2024 13:40	3.3	52	19	5.6	0.0
02/04/2024 13:50	3.1	55	20	5.4	0.0
02/04/2024 14:00	3.1	54	26	5.2	0.0
02/04/2024 14:10	3.2	58	23	5.3	0.0
02/04/2024 14:20	3.3	51	23	5.2	0.0
02/04/2024 14:30	3.0	51	23	4.8	0.0
02/04/2024 14:40	2.5	59	25	4.2	0.0
02/04/2024 14:50	2.8	57	21	4.3	0.0
02/04/2024 15:00	3.0	57	23	4.8	0.0
02/04/2024 15:10	2.7	67	21	4.4	0.0
02/04/2024 15:20	2.8	53	21	4.8	0.0
02/04/2024 15:30	2.8	51	21	4.7	0.0
02/04/2024 15:40	2.6	60	22	4.2	0.0
02/04/2024 15:50	2.7	54	20	4.0	0.0
02/04/2024 16:00	2.6	56	21	4.0	0.0
02/04/2024 16:10	2.7	56	20	4.4	0.0
02/04/2024 16:20	2.5	58	21	4.0	0.0
02/04/2024 16:30	2.6	52	21	4.5	0.0
02/04/2024 16:40	2.4	56	20	4.0	0.0
02/04/2024 16:50	2.3	56	18	4.6	0.0
02/04/2024 17:00	2.8	43	21	4.7	0.0
02/04/2024 17:10	2.8	50	20	4.9	0.0
02/04/2024 17:20	3.0	47	17	4.9	0.0
02/04/2024 17:30	2.4	38	22	3.9	0.0
02/04/2024 17:40	2.3	42	22	3.7	0.0
02/04/2024 17:50	1.7	45	20	2.8	0.0
02/04/2024 18:00	1.8	39	24	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/04/2024 18:10	1.7	30	21	3.2	0.0
02/04/2024 18:20	1.6	25	24	2.6	0.0
02/04/2024 18:30	1.5	24	29	3.2	0.0
02/04/2024 18:40	1.6	31	27	2.6	0.0
02/04/2024 18:50	0.9	62	22	1.9	0.0
02/04/2024 19:00					0.0
02/04/2024 19:10					0.0
02/04/2024 19:20					0.0
02/04/2024 19:30	0.0	3	0	0.4	0.0
02/04/2024 19:40	0.0	0	0	0.4	0.0
02/04/2024 19:50	0.4	49	9	1.1	0.0
02/04/2024 20:00	0.3	33	8	0.9	0.0
02/04/2024 20:10	1.6	36	16	2.7	0.0
02/04/2024 20:20	1.6	35	16	2.4	0.0
02/04/2024 20:30	1.5	38	19	2.3	0.0
02/04/2024 20:40	1.5	42	18	2.5	0.0
02/04/2024 20:50	1.9	34	18	3.1	0.0
02/04/2024 21:00	1.4	32	15	2.1	0.0
02/04/2024 21:10	1.6	31	25	2.6	0.0
02/04/2024 21:20	1.6	37	21	2.5	0.0
02/04/2024 21:30	1.3	44	13	1.8	0.0
02/04/2024 21:40	1.0	37	18	2.0	0.0
02/04/2024 21:50	3.1	252	15	5.4	0.0
02/04/2024 22:00	3.3	258	14	4.5	0.0
02/04/2024 22:10	1.9	256	14	2.8	0.0
02/04/2024 22:20	2.2	250	16	3.2	0.0
02/04/2024 22:30	2.4	245	18	3.4	0.0
02/04/2024 22:40	2.1	249	15	3.5	0.0
02/04/2024 22:50	1.8	245	16	2.9	0.0
02/04/2024 23:00	1.5	249	14	2.3	0.0
02/04/2024 23:10	1.7	247	12	2.5	0.0
02/04/2024 23:20	1.8	257	15	3.0	0.0
02/04/2024 23:30	1.7	251	15	2.5	0.0
02/04/2024 23:40	1.3	238	17	2.0	0.0
02/04/2024 23:50	1.3	239	15	1.7	0.0
03/04/2024 00:00	1.8	244	19	3.0	0.0
03/04/2024 00:10	1.8	232	22	2.6	0.0
03/04/2024 00:20	1.0	236	17	1.7	0.0
03/04/2024 00:30					0.0
03/04/2024 00:40	0.1	131	5	0.9	0.0
03/04/2024 00:50					0.0
03/04/2024 01:00	0.0	344	0	0.4	0.0
03/04/2024 01:10	0.2	304	13	1.2	0.0
03/04/2024 01:20					0.0
03/04/2024 01:30	0.4	217	11	1.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 01:40	0.3	246	7	1.2	0.0
03/04/2024 01:50	0.1	182	3	0.6	0.0
03/04/2024 02:00					0.0
03/04/2024 02:10					0.0
03/04/2024 02:20					0.0
03/04/2024 02:30					0.0
03/04/2024 02:40					0.0
03/04/2024 02:50	0.2	229	11	1.2	0.0
03/04/2024 03:00	0.0	201	7	0.4	0.0
03/04/2024 03:10					0.0
03/04/2024 03:20					0.0
03/04/2024 03:30					0.0
03/04/2024 03:40					0.0
03/04/2024 03:50	0.0	83	0	0.4	0.0
03/04/2024 04:00	0.0	90	4	0.4	0.0
03/04/2024 04:10	0.3	87	11	1.2	0.0
03/04/2024 04:20	0.9	88	22	2.0	0.0
03/04/2024 04:30	1.2	82	23	2.3	0.0
03/04/2024 04:40	0.9	70	22	2.0	0.0
03/04/2024 04:50	1.2	76	22	2.3	0.0
03/04/2024 05:00	0.9	73	29	2.0	0.0
03/04/2024 05:10	1.1	66	31	2.4	0.0
03/04/2024 05:20	1.4	88	26	2.8	0.0
03/04/2024 05:30	1.7	101	31	3.1	0.0
03/04/2024 05:40	2.1	106	38	4.0	0.0
03/04/2024 05:50	2.2	103	37	4.6	0.0
03/04/2024 06:00	2.2	97	33	4.2	0.0
03/04/2024 06:10	2.0	97	35	3.5	0.0
03/04/2024 06:20	2.4	98	31	4.3	0.0
03/04/2024 06:30	2.5	102	32	4.0	0.0
03/04/2024 06:40	2.8	103	28	4.7	0.0
03/04/2024 06:50	2.7	112	31	4.4	0.0
03/04/2024 07:00	2.7	111	30	4.4	0.0
03/04/2024 07:10	3.2	116	33	5.6	0.0
03/04/2024 07:20	3.0	107	34	5.6	0.0
03/04/2024 07:30	3.1	109	27	5.5	0.0
03/04/2024 07:40	3.4	116	33	6.8	0.0
03/04/2024 07:50	3.0	109	34	5.3	0.0
03/04/2024 08:00	3.1	114	34	5.9	0.0
03/04/2024 08:10	3.6	116	38	6.6	0.0
03/04/2024 08:20	3.1	117	31	5.6	0.0
03/04/2024 08:30	3.2	111	34	5.6	0.0
03/04/2024 08:40	3.4	116	31	5.7	0.0
03/04/2024 08:50	3.8	112	28	5.6	0.0
03/04/2024 09:00	3.5	114	34	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 09:10	3.8	107	40	6.1	0.0
03/04/2024 09:20	3.9	105	25	6.0	0.0
03/04/2024 09:30	3.6	102	30	5.9	0.0
03/04/2024 09:40	3.7	101	31	5.6	0.0
03/04/2024 09:50	3.6	102	30	6.1	0.0
03/04/2024 10:00	3.4	97	26	5.5	0.0
03/04/2024 10:10	3.3	99	35	6.3	0.0
03/04/2024 10:20	3.1	96	30	5.2	0.0
03/04/2024 10:30	3.3	89	26	6.0	0.0
03/04/2024 10:40	4.2	83	21	6.7	0.0
03/04/2024 10:50	4.1	86	26	7.1	0.0
03/04/2024 11:00	3.5	81	26	5.6	0.0
03/04/2024 11:10	3.5	88	27	5.5	0.0
03/04/2024 11:20	3.6	87	26	5.6	0.0
03/04/2024 11:30	3.8	81	24	6.0	0.0
03/04/2024 11:40	3.5	81	24	5.3	0.0
03/04/2024 11:50	3.6	76	22	5.6	0.0
03/04/2024 12:00	4.2	74	21	6.6	0.0
03/04/2024 12:10	4.3	78	21	6.2	0.0
03/04/2024 12:20	3.7	85	25	6.3	0.0
03/04/2024 12:30	3.5	80	22	6.2	0.0
03/04/2024 12:40	3.5	82	22	5.9	0.0
03/04/2024 12:50	3.4	87	24	5.1	0.0
03/04/2024 13:00	3.5	75	26	5.7	0.0
03/04/2024 13:10	3.5	85	28	6.1	0.0
03/04/2024 13:20	2.8	72	28	5.3	0.0
03/04/2024 13:30	3.2	60	26	5.2	0.0
03/04/2024 13:40	3.2	63	21	4.8	0.0
03/04/2024 13:50	3.6	67	23	5.6	0.0
03/04/2024 14:00	3.4	61	23	6.5	0.0
03/04/2024 14:10	3.7	59	24	6.4	0.0
03/04/2024 14:20	3.7	66	24	6.0	0.0
03/04/2024 14:30	3.6	61	22	5.8	0.0
03/04/2024 14:40	3.7	61	20	5.8	0.0
03/04/2024 14:50	4.0	54	20	6.4	0.0
03/04/2024 15:00	3.5	58	20	5.6	0.0
03/04/2024 15:10	3.6	51	22	6.0	0.0
03/04/2024 15:20	3.8	57	20	6.2	0.0
03/04/2024 15:30	3.4	45	20	5.0	0.0
03/04/2024 15:40	3.3	45	20	5.2	0.0
03/04/2024 15:50	3.3	42	20	5.3	0.0
03/04/2024 16:00	4.2	50	19	6.1	0.0
03/04/2024 16:10	4.2	49	16	6.0	0.0
03/04/2024 16:20	4.1	50	17	6.4	0.0
03/04/2024 16:30	3.9	49	19	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/04/2024 16:40	3.5	51	18	5.2	0.0
03/04/2024 16:50	3.1	49	19	5.0	0.0
03/04/2024 17:00	3.6	49	15	5.3	0.0
03/04/2024 17:10	3.4	46	17	5.6	0.0
03/04/2024 17:20	3.1	53	20	4.7	0.0
03/04/2024 17:30	3.0	43	17	4.8	0.0
03/04/2024 17:40	2.8	52	18	4.2	0.0
03/04/2024 17:50	2.9	50	17	4.8	0.0
03/04/2024 18:00	2.2	48	19	3.9	0.0
03/04/2024 18:10	2.2	46	19	3.3	0.0
03/04/2024 18:20	2.1	43	20	3.3	0.0
03/04/2024 18:30	2.1	47	19	3.6	0.0
03/04/2024 18:40	2.0	42	21	3.2	0.0
03/04/2024 18:50	1.8	44	20	3.1	0.0
03/04/2024 19:00	1.2	28	22	2.3	0.0
03/04/2024 19:10	1.9	30	22	2.9	0.0
03/04/2024 19:20	1.7	34	21	2.5	0.0
03/04/2024 19:30	1.5	35	23	2.4	0.0
03/04/2024 19:40	1.4	35	19	2.2	0.0
03/04/2024 19:50	1.0	36	16	1.6	0.0
03/04/2024 20:00	0.7	40	16	1.6	0.0
03/04/2024 20:10	0.0	87	1	0.4	0.0
03/04/2024 20:20	0.1	28	8	0.6	0.0
03/04/2024 20:30	0.6	30	17	1.0	0.0
03/04/2024 20:40	0.4	36	11	0.8	0.0
03/04/2024 20:50	0.3	28	8	0.7	0.0
03/04/2024 21:00	1.1	27	12	1.6	0.0
03/04/2024 21:10	2.1	28	17	3.2	0.0
03/04/2024 21:20	2.1	41	17	3.8	0.0
03/04/2024 21:30	2.0	37	20	3.2	0.0
03/04/2024 21:40	1.4	37	20	2.3	0.0
03/04/2024 21:50	1.7	33	15	2.5	0.0
03/04/2024 22:00	1.2	53	12	1.9	0.0
03/04/2024 22:10	1.1	28	17	1.9	0.0
03/04/2024 22:20	1.0	31	21	1.7	0.0
03/04/2024 22:30	0.5	41	15	1.5	0.0
03/04/2024 22:40	0.3	31	10	0.9	0.0
03/04/2024 22:50	0.6	26	15	1.3	0.0
03/04/2024 23:00	0.8	41	30	1.9	0.0
03/04/2024 23:10	0.6	30	11	2.2	0.0
03/04/2024 23:20	1.5	37	18	2.3	0.0
03/04/2024 23:30	1.9	32	18	2.8	0.0
03/04/2024 23:40	1.7	46	20	2.6	0.0
03/04/2024 23:50	2.3	41	19	3.3	0.0
04/04/2024 00:00	2.2	45	18	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 00:10	1.8	45	19	2.8	0.0
04/04/2024 00:20	0.8	47	17	1.7	0.0
04/04/2024 00:30	0.0	78	5	0.6	0.0
04/04/2024 00:40	0.1	142	22	0.6	0.0
04/04/2024 00:50	0.0	273	1	0.4	0.0
04/04/2024 01:00	0.2	236	15	0.9	0.0
04/04/2024 01:10	1.2	233	16	2.3	0.0
04/04/2024 01:20	1.3	206	17	2.2	0.0
04/04/2024 01:30	0.2	127	18	0.9	0.0
04/04/2024 01:40	0.8	168	16	2.4	0.0
04/04/2024 01:50	0.6	127	22	1.9	0.0
04/04/2024 02:00	0.0	93	2	0.5	0.0
04/04/2024 02:10					0.0
04/04/2024 02:20	0.0	107	0	0.8	0.0
04/04/2024 02:30	0.2	146	13	1.2	0.0
04/04/2024 02:40	0.4	140	22	1.6	0.0
04/04/2024 02:50	0.2	103	14	0.9	0.0
04/04/2024 03:00	0.8	105	30	1.7	0.0
04/04/2024 03:10	1.0	104	29	2.0	0.0
04/04/2024 03:20	1.4	103	32	2.6	0.0
04/04/2024 03:30	1.9	107	34	3.4	0.0
04/04/2024 03:40	2.4	98	27	4.5	0.0
04/04/2024 03:50	2.0	99	31	3.9	0.0
04/04/2024 04:00	1.7	121	32	3.2	0.0
04/04/2024 04:10	1.7	106	30	2.8	0.0
04/04/2024 04:20	2.1	102	26	4.6	0.0
04/04/2024 04:30	2.0	108	34	4.0	0.0
04/04/2024 04:40	1.6	106	34	3.2	0.0
04/04/2024 04:50	2.2	101	35	4.0	0.0
04/04/2024 05:00	2.1	105	34	4.5	0.0
04/04/2024 05:10	2.4	118	37	4.6	0.0
04/04/2024 05:20	2.6	105	33	4.5	0.0
04/04/2024 05:30	2.9	105	31	5.7	0.0
04/04/2024 05:40	3.1	104	33	5.4	0.0
04/04/2024 05:50	2.7	100	34	4.7	0.0
04/04/2024 06:00	2.6	106	33	4.6	0.0
04/04/2024 06:10	2.6	112	34	5.3	0.0
04/04/2024 06:20	2.8	112	29	5.0	0.0
04/04/2024 06:30	3.0	105	36	4.8	0.0
04/04/2024 06:40	2.9	108	31	5.6	0.0
04/04/2024 06:50	3.4	100	29	6.4	0.0
04/04/2024 07:00	3.4	103	29	5.9	0.0
04/04/2024 07:10	3.4	92	28	6.0	0.0
04/04/2024 07:20	3.6	94	29	5.8	0.0
04/04/2024 07:30	3.3	98	30	5.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 07:40	3.8	101	34	6.9	0.0
04/04/2024 07:50	3.5	100	28	6.0	0.0
04/04/2024 08:00	3.6	93	26	6.5	0.0
04/04/2024 08:10	3.5	99	29	6.5	0.0
04/04/2024 08:20	3.1	101	32	4.8	0.0
04/04/2024 08:30	3.3	94	30	5.5	0.0
04/04/2024 08:40	3.5	101	25	5.6	0.0
04/04/2024 08:50	3.2	104	28	5.7	0.0
04/04/2024 09:00	3.5	97	29	5.4	0.0
04/04/2024 09:10	3.4	104	28	5.7	0.0
04/04/2024 09:20	3.0	95	30	5.3	0.0
04/04/2024 09:30	3.5	93	27	6.0	0.0
04/04/2024 09:40	3.6	89	27	6.0	0.0
04/04/2024 09:50	3.4	88	27	5.1	0.0
04/04/2024 10:00	3.5	87	26	6.0	0.0
04/04/2024 10:10	3.7	83	22	6.1	0.0
04/04/2024 10:20	3.7	86	22	6.5	0.0
04/04/2024 10:30	3.4	83	26	5.7	0.0
04/04/2024 10:40	3.5	88	31	5.6	0.0
04/04/2024 10:50	3.6	90	25	5.7	0.0
04/04/2024 11:00	3.2	86	23	5.2	0.0
04/04/2024 11:10	3.6	74	24	6.1	0.0
04/04/2024 11:20	3.2	73	25	5.1	0.0
04/04/2024 11:30	3.1	83	26	4.9	0.0
04/04/2024 11:40	3.5	78	23	5.6	0.0
04/04/2024 11:50	3.4	77	29	5.4	0.0
04/04/2024 12:00	3.5	76	26	5.6	0.0
04/04/2024 12:10	3.3	73	25	5.4	0.0
04/04/2024 12:20	3.4	73	27	5.3	0.0
04/04/2024 12:30	3.5	69	24	6.0	0.0
04/04/2024 12:40	3.4	70	21	5.7	0.0
04/04/2024 12:50	3.1	81	27	5.3	0.0
04/04/2024 13:00	2.9	63	25	4.7	0.0
04/04/2024 13:10	3.0	60	22	4.8	0.0
04/04/2024 13:20	3.2	58	21	6.1	0.0
04/04/2024 13:30	3.3	59	21	5.2	0.0
04/04/2024 13:40	3.4	58	19	5.8	0.0
04/04/2024 13:50	3.6	57	21	5.6	0.0
04/04/2024 14:00	3.6	56	21	5.6	0.0
04/04/2024 14:10	3.5	53	24	5.8	0.0
04/04/2024 14:20	3.8	53	22	6.3	0.0
04/04/2024 14:30	3.7	57	21	6.2	0.0
04/04/2024 14:40	3.7	56	20	6.5	0.0
04/04/2024 14:50	4.1	49	21	6.3	0.0
04/04/2024 15:00	4.2	48	20	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 15:10	4.0	46	18	6.6	0.0
04/04/2024 15:20	4.4	52	20	6.9	0.0
04/04/2024 15:30	4.3	48	19	6.5	0.0
04/04/2024 15:40	4.5	45	21	7.5	0.0
04/04/2024 15:50	4.3	49	22	6.8	0.0
04/04/2024 16:00	4.0	48	20	6.2	0.0
04/04/2024 16:10	4.2	47	21	7.1	0.0
04/04/2024 16:20	3.8	49	23	6.9	0.0
04/04/2024 16:30	4.2	42	20	6.4	0.0
04/04/2024 16:40	3.8	41	20	5.7	0.0
04/04/2024 16:50	3.8	40	21	6.6	0.0
04/04/2024 17:00	4.0	38	22	6.1	0.0
04/04/2024 17:10	4.2	51	17	6.9	0.0
04/04/2024 17:20	3.7	46	18	5.7	0.0
04/04/2024 17:30	3.6	45	19	6.3	0.0
04/04/2024 17:40	3.3	53	18	5.8	0.0
04/04/2024 17:50	3.4	49	16	5.5	0.0
04/04/2024 18:00	2.5	44	24	4.2	0.0
04/04/2024 18:10	2.7	47	17	4.3	0.0
04/04/2024 18:20	2.7	48	22	4.7	0.0
04/04/2024 18:30	2.6	41	17	4.2	0.0
04/04/2024 18:40	2.5	45	22	4.4	0.0
04/04/2024 18:50	2.4	43	20	3.9	0.0
04/04/2024 19:00	2.6	46	22	3.9	0.0
04/04/2024 19:10	2.8	43	19	4.4	0.0
04/04/2024 19:20	2.5	40	20	4.1	0.0
04/04/2024 19:30	2.6	41	20	3.4	0.0
04/04/2024 19:40	2.5	42	19	3.7	0.0
04/04/2024 19:50	2.6	42	20	4.0	0.0
04/04/2024 20:00	2.9	41	18	4.9	0.0
04/04/2024 20:10	2.8	43	20	4.4	0.0
04/04/2024 20:20	2.8	39	20	4.3	0.0
04/04/2024 20:30	2.8	42	18	4.5	0.0
04/04/2024 20:40	2.7	43	18	4.4	0.0
04/04/2024 20:50	2.7	43	19	4.1	0.0
04/04/2024 21:00	2.6	39	20	4.2	0.0
04/04/2024 21:10	2.7	44	20	4.3	0.0
04/04/2024 21:20	2.5	47	19	4.0	0.0
04/04/2024 21:30	2.5	43	18	4.0	0.0
04/04/2024 21:40	2.2	40	21	3.6	0.0
04/04/2024 21:50	2.4	45	18	4.0	0.0
04/04/2024 22:00	2.1	39	21	3.7	0.0
04/04/2024 22:10	2.4	42	22	3.8	0.0
04/04/2024 22:20	2.4	45	18	3.7	0.0
04/04/2024 22:30	2.2	42	24	4.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/04/2024 22:40	2.0	44	18	3.3	0.0
04/04/2024 22:50	1.4	50	16	2.0	0.0
04/04/2024 23:00	0.5	45	8	1.0	0.0
04/04/2024 23:10	0.7	237	5	1.7	0.0
04/04/2024 23:20	1.8	236	14	2.3	0.0
04/04/2024 23:30	1.2	254	13	1.9	0.0
04/04/2024 23:40	0.1	238	4	0.7	0.0
04/04/2024 23:50					0.0
05/04/2024 00:00	0.5	228	7	1.1	0.0
05/04/2024 00:10	0.1	222	3	0.6	0.0
05/04/2024 00:20	1.0	222	14	1.8	0.0
05/04/2024 00:30	1.2	226	17	2.0	0.0
05/04/2024 00:40	0.8	207	21	1.8	0.0
05/04/2024 00:50	0.2	200	12	1.2	0.0
05/04/2024 01:00	0.4	224	10	1.1	0.0
05/04/2024 01:10	0.0	336	2	0.6	0.0
05/04/2024 01:20					0.0
05/04/2024 01:30	0.0	218	5	0.6	0.0
05/04/2024 01:40	0.0	240	17	0.4	0.0
05/04/2024 01:50	0.4	151	25	1.6	0.0
05/04/2024 02:00	0.3	154	14	1.4	0.0
05/04/2024 02:10					0.0
05/04/2024 02:20					0.0
05/04/2024 02:30					0.0
05/04/2024 02:40					0.0
05/04/2024 02:50					0.0
05/04/2024 03:00	0.0	81	0	0.4	0.0
05/04/2024 03:10	0.0	85	2	0.8	0.0
05/04/2024 03:20	0.3	82	13	1.0	0.0
05/04/2024 03:30	0.1	74	11	0.8	0.0
05/04/2024 03:40	0.0	72	0	0.4	0.0
05/04/2024 03:50	0.3	99	19	1.6	0.0
05/04/2024 04:00	0.2	94	16	1.0	0.0
05/04/2024 04:10	0.1	58	10	0.7	0.0
05/04/2024 04:20	0.2	67	14	1.2	0.0
05/04/2024 04:30	0.3	84	12	1.3	0.0
05/04/2024 04:40					0.0
05/04/2024 04:50	0.1	83	21	0.8	0.0
05/04/2024 05:00	0.3	85	13	1.2	0.0
05/04/2024 05:10	1.4	75	21	2.3	0.0
05/04/2024 05:20	1.1	64	23	2.4	0.0
05/04/2024 05:30	1.6	74	27	2.9	0.0
05/04/2024 05:40	1.7	79	23	3.2	0.0
05/04/2024 05:50	1.7	79	25	3.2	0.0
05/04/2024 06:00	1.7	81	22	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 06:10	0.6	68	14	1.8	0.0
05/04/2024 06:20	0.6	59	20	1.3	0.0
05/04/2024 06:30	1.3	83	28	2.3	0.0
05/04/2024 06:40	1.1	123	35	2.4	0.0
05/04/2024 06:50	1.4	118	32	2.5	0.0
05/04/2024 07:00	1.5	128	29	2.4	0.0
05/04/2024 07:10	1.6	158	26	2.7	0.0
05/04/2024 07:20	1.2	155	22	2.1	0.0
05/04/2024 07:30	1.2	136	26	1.9	0.0
05/04/2024 07:40	1.3	129	29	2.2	0.0
05/04/2024 07:50	1.5	133	29	2.6	0.0
05/04/2024 08:00	1.8	136	27	3.2	0.0
05/04/2024 08:10	1.7	126	28	2.8	0.0
05/04/2024 08:20	2.0	132	30	3.2	0.0
05/04/2024 08:30	2.3	123	35	4.3	0.0
05/04/2024 08:40	2.3	127	31	3.9	0.0
05/04/2024 08:50	2.3	123	33	4.0	0.0
05/04/2024 09:00	2.2	116	34	3.7	0.0
05/04/2024 09:10	2.6	102	29	4.4	0.0
05/04/2024 09:20	2.2	97	27	4.0	0.0
05/04/2024 09:30	2.6	90	26	4.4	0.0
05/04/2024 09:40	3.3	84	24	5.2	0.0
05/04/2024 09:50	3.4	86	28	4.8	0.0
05/04/2024 10:00	2.7	93	28	4.6	0.0
05/04/2024 10:10	2.8	79	23	5.2	0.0
05/04/2024 10:20	2.9	78	23	4.9	0.0
05/04/2024 10:30	3.4	83	23	6.0	0.0
05/04/2024 10:40	3.6	79	22	5.6	0.0
05/04/2024 10:50	3.6	78	24	5.3	0.0
05/04/2024 11:00	3.7	84	27	6.1	0.0
05/04/2024 11:10	3.5	80	25	5.8	0.0
05/04/2024 11:20	3.3	79	24	5.6	0.0
05/04/2024 11:30	3.3	76	25	5.5	0.0
05/04/2024 11:40	3.2	87	27	5.1	0.0
05/04/2024 11:50	3.2	80	19	5.2	0.0
05/04/2024 12:00	3.2	83	24	5.6	0.0
05/04/2024 12:10	2.9	76	24	4.5	0.0
05/04/2024 12:20	3.1	66	23	5.1	0.0
05/04/2024 12:30	3.5	60	24	5.5	0.0
05/04/2024 12:40	3.5	58	22	5.2	0.0
05/04/2024 12:50	3.5	72	24	5.5	0.0
05/04/2024 13:00	3.5	67	23	6.0	0.0
05/04/2024 13:10	3.6	52	22	6.1	0.0
05/04/2024 13:20	4.2	55	19	6.3	0.0
05/04/2024 13:30	4.0	56	21	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 13:40	4.1	52	19	6.4	0.0
05/04/2024 13:50	4.0	52	22	5.9	0.0
05/04/2024 14:00	3.7	49	20	5.8	0.0
05/04/2024 14:10	3.6	49	22	5.8	0.0
05/04/2024 14:20	4.1	50	19	7.0	0.0
05/04/2024 14:30	3.8	54	21	6.4	0.0
05/04/2024 14:40	4.1	49	22	6.8	0.0
05/04/2024 14:50	4.1	57	18	6.7	0.0
05/04/2024 15:00	3.8	58	20	6.4	0.0
05/04/2024 15:10	4.1	53	20	6.5	0.0
05/04/2024 15:20	4.2	53	20	6.8	0.0
05/04/2024 15:30	4.2	51	19	7.0	0.0
05/04/2024 15:40	4.1	52	19	6.4	0.0
05/04/2024 15:50	3.5	54	22	6.6	0.0
05/04/2024 16:00	4.2	49	19	6.3	0.0
05/04/2024 16:10	3.4	54	19	5.3	0.0
05/04/2024 16:20	3.3	57	19	5.2	0.0
05/04/2024 16:30	3.0	54	19	4.6	0.0
05/04/2024 16:40	3.0	52	22	5.6	0.0
05/04/2024 16:50	3.0	49	19	4.6	0.0
05/04/2024 17:00	2.9	39	19	4.2	0.0
05/04/2024 17:10	2.8	41	22	5.0	0.0
05/04/2024 17:20	2.8	39	23	4.4	0.0
05/04/2024 17:30	2.3	30	28	3.4	0.0
05/04/2024 17:40	2.3	25	31	4.2	0.0
05/04/2024 17:50	2.4	26	26	4.4	0.0
05/04/2024 18:00	2.4	29	25	3.9	0.0
05/04/2024 18:10	2.1	34	26	3.5	0.0
05/04/2024 18:20	1.8	33	22	3.5	0.0
05/04/2024 18:30	2.2	27	23	3.4	0.0
05/04/2024 18:40	1.7	25	31	2.6	0.0
05/04/2024 18:50	1.8	25	29	3.1	0.0
05/04/2024 19:00	2.2	24	28	4.0	0.0
05/04/2024 19:10	1.7	34	23	3.1	0.0
05/04/2024 19:20	1.7	31	29	2.8	0.0
05/04/2024 19:30	1.3	34	27	2.5	0.0
05/04/2024 19:40	0.6	180	37	1.5	0.0
05/04/2024 19:50	0.7	180	26	1.4	0.0
05/04/2024 20:00	0.6	353	23	1.8	0.0
05/04/2024 20:10	0.4	323	20	1.1	0.0
05/04/2024 20:20	0.2	307	17	0.8	0.0
05/04/2024 20:30	0.2	299	9	0.8	0.0
05/04/2024 20:40					0.0
05/04/2024 20:50					0.0
05/04/2024 21:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/04/2024 21:10					0.0
05/04/2024 21:20					0.0
05/04/2024 21:30					0.0
05/04/2024 21:40					0.0
05/04/2024 21:50					0.0
05/04/2024 22:00					0.0
05/04/2024 22:10					0.0
05/04/2024 22:20					0.0
05/04/2024 22:30	0.8	252	9	1.7	0.0
05/04/2024 22:40	0.9	257	12	1.6	0.0
05/04/2024 22:50	1.5	248	15	2.1	0.0
05/04/2024 23:00	1.6	253	14	2.1	0.0
05/04/2024 23:10	1.5	251	12	2.2	0.0
05/04/2024 23:20	1.7	251	15	2.3	0.0
05/04/2024 23:30	1.5	248	15	2.2	0.0
05/04/2024 23:40	1.7	254	15	2.6	0.0
05/04/2024 23:50	1.6	257	13	2.2	0.0
06/04/2024 00:00	1.7	255	13	2.5	0.0
06/04/2024 00:10	1.7	253	12	2.4	0.0
06/04/2024 00:20	1.3	260	13	1.9	0.0
06/04/2024 00:30	1.4	255	12	2.0	0.0
06/04/2024 00:40	1.3	245	16	2.0	0.0
06/04/2024 00:50	0.8	235	10	1.2	0.0
06/04/2024 01:00	0.3	229	6	1.2	0.0
06/04/2024 01:10	1.4	248	14	2.3	0.0
06/04/2024 01:20	1.5	253	16	2.3	0.0
06/04/2024 01:30	1.6	250	14	2.3	0.0
06/04/2024 01:40	1.7	249	15	2.8	0.0
06/04/2024 01:50	1.7	249	18	2.5	0.0
06/04/2024 02:00	1.5	243	20	2.8	0.0
06/04/2024 02:10	1.8	255	14	2.6	0.0
06/04/2024 02:20	1.7	259	16	2.8	0.0
06/04/2024 02:30	1.6	239	20	2.4	0.0
06/04/2024 02:40	1.3	227	18	2.0	0.0
06/04/2024 02:50	1.5	227	16	2.4	0.0
06/04/2024 03:00	1.0	222	20	2.0	0.0
06/04/2024 03:10	0.9	224	16	2.3	0.0
06/04/2024 03:20	2.2	222	17	3.2	0.0
06/04/2024 03:30	1.8	211	18	2.9	0.0
06/04/2024 03:40	2.0	223	22	3.5	0.0
06/04/2024 03:50	1.0	200	17	1.7	0.0
06/04/2024 04:00	1.9	196	21	2.9	0.0
06/04/2024 04:10	1.9	202	22	2.9	0.0
06/04/2024 04:20	2.0	193	19	3.1	0.0
06/04/2024 04:30	0.7	201	25	2.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 04:40	0.4	193	19	2.1	0.0
06/04/2024 04:50	0.4	232	13	1.1	0.0
06/04/2024 05:00					0.0
06/04/2024 05:10	0.3	214	38	1.2	0.0
06/04/2024 05:20	0.3	45	7	1.1	0.0
06/04/2024 05:30	0.4	190	29	1.3	0.0
06/04/2024 05:40	1.6	205	39	3.7	0.0
06/04/2024 05:50	1.8	189	25	3.4	0.0
06/04/2024 06:00	1.8	193	23	3.9	0.0
06/04/2024 06:10	2.0	190	23	3.5	0.0
06/04/2024 06:20	1.8	193	24	3.5	0.0
06/04/2024 06:30	1.9	189	17	3.2	0.0
06/04/2024 06:40	2.3	188	20	3.6	0.0
06/04/2024 06:50	2.1	188	20	3.6	0.0
06/04/2024 07:00	1.2	194	16	2.4	0.0
06/04/2024 07:10	0.2	74	15	1.0	0.0
06/04/2024 07:20	0.8	79	29	1.8	0.0
06/04/2024 07:30	0.3	72	14	1.0	0.0
06/04/2024 07:40	0.5	103	17	1.6	0.0
06/04/2024 07:50	1.1	107	24	2.2	0.0
06/04/2024 08:00	1.2	105	25	2.3	0.0
06/04/2024 08:10	1.2	104	31	2.0	0.0
06/04/2024 08:20	1.4	111	27	2.6	0.0
06/04/2024 08:30	1.3	108	28	2.0	0.0
06/04/2024 08:40	1.4	123	26	2.8	0.0
06/04/2024 08:50	1.7	117	28	2.8	0.0
06/04/2024 09:00	1.7	121	28	3.0	0.0
06/04/2024 09:10	1.4	118	29	2.5	0.0
06/04/2024 09:20	1.3	107	35	2.3	0.0
06/04/2024 09:30	1.3	138	35	2.6	0.0
06/04/2024 09:40	1.6	119	35	2.9	0.0
06/04/2024 09:50	1.6	123	27	2.8	0.0
06/04/2024 10:00	1.6	112	29	2.6	0.0
06/04/2024 10:10	2.1	100	27	4.0	0.0
06/04/2024 10:20	2.3	88	31	3.6	0.0
06/04/2024 10:30	2.4	98	32	3.9	0.0
06/04/2024 10:40	2.3	85	32	4.0	0.0
06/04/2024 10:50	2.3	82	26	4.0	0.0
06/04/2024 11:00	2.3	84	27	4.8	0.0
06/04/2024 11:10	2.5	88	27	4.2	0.0
06/04/2024 11:20	2.5	64	28	4.1	0.0
06/04/2024 11:30	2.5	64	27	4.4	0.0
06/04/2024 11:40	2.3	73	24	3.5	0.0
06/04/2024 11:50	2.4	62	24	4.1	0.0
06/04/2024 12:00	2.2	67	24	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 12:10	2.5	55	21	4.1	0.0
06/04/2024 12:20	2.5	61	26	4.2	0.0
06/04/2024 12:30	2.4	63	27	4.1	0.0
06/04/2024 12:40	2.6	69	26	4.6	0.0
06/04/2024 12:50	2.6	69	23	4.4	0.0
06/04/2024 13:00	2.9	56	23	4.4	0.0
06/04/2024 13:10	3.0	55	24	5.0	0.0
06/04/2024 13:20	2.7	43	28	4.0	0.0
06/04/2024 13:30	3.2	53	26	4.8	0.0
06/04/2024 13:40	2.8	58	23	4.4	0.0
06/04/2024 13:50	2.8	67	22	4.4	0.0
06/04/2024 14:00	2.8	68	24	4.4	0.0
06/04/2024 14:10	2.9	61	19	4.3	0.0
06/04/2024 14:20	2.9	57	21	4.8	0.0
06/04/2024 14:30	3.2	50	20	5.4	0.0
06/04/2024 14:40	3.2	52	21	4.9	0.0
06/04/2024 14:50	3.0	56	25	4.8	0.0
06/04/2024 15:00	3.3	56	20	5.0	0.0
06/04/2024 15:10	3.4	53	22	5.4	0.0
06/04/2024 15:20	3.0	58	22	4.8	0.0
06/04/2024 15:30	3.0	57	23	4.8	0.0
06/04/2024 15:40	3.3	56	21	5.7	0.0
06/04/2024 15:50	3.1	63	21	5.2	0.0
06/04/2024 16:00	3.2	55	19	5.0	0.0
06/04/2024 16:10	2.8	56	24	4.3	0.0
06/04/2024 16:20	3.0	58	22	5.1	0.0
06/04/2024 16:30	2.9	54	23	4.5	0.0
06/04/2024 16:40	2.5	55	18	4.1	0.0
06/04/2024 16:50	2.4	51	22	4.0	0.0
06/04/2024 17:00	2.7	49	23	4.4	0.0
06/04/2024 17:10	2.5	41	21	4.0	0.0
06/04/2024 17:20	2.6	50	21	4.3	0.0
06/04/2024 17:30	2.7	56	20	4.0	0.0
06/04/2024 17:40	2.5	50	17	4.0	0.0
06/04/2024 17:50	2.0	48	18	3.2	0.0
06/04/2024 18:00	2.0	41	23	3.1	0.0
06/04/2024 18:10	1.5	33	22	2.8	0.0
06/04/2024 18:20	1.3	34	20	2.1	0.0
06/04/2024 18:30	1.4	35	21	2.4	0.0
06/04/2024 18:40	1.8	29	19	2.8	0.0
06/04/2024 18:50	1.6	36	20	2.8	0.0
06/04/2024 19:00	1.9	43	22	2.7	0.0
06/04/2024 19:10	1.6	42	21	2.8	0.0
06/04/2024 19:20	1.4	33	21	2.2	0.0
06/04/2024 19:30	1.0	35	20	1.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/04/2024 19:40	1.1	19	27	2.3	0.0
06/04/2024 19:50	0.2	334	15	1.0	0.0
06/04/2024 20:00	0.6	179	36	1.4	0.0
06/04/2024 20:10	0.8	42	20	1.3	0.0
06/04/2024 20:20	0.2	42	12	0.7	0.0
06/04/2024 20:30	0.2	244	6	0.7	0.0
06/04/2024 20:40	0.7	249	10	1.1	0.0
06/04/2024 20:50	0.4	259	7	1.1	0.0
06/04/2024 21:00					0.0
06/04/2024 21:10	0.4	280	8	1.2	0.0
06/04/2024 21:20	0.1	285	3	0.8	0.0
06/04/2024 21:30					0.0
06/04/2024 21:40					0.0
06/04/2024 21:50	0.2	251	3	1.2	0.0
06/04/2024 22:00	1.3	255	8	1.7	0.0
06/04/2024 22:10	1.3	265	13	1.7	0.0
06/04/2024 22:20	1.3	247	9	1.9	0.0
06/04/2024 22:30	1.3	244	18	2.1	0.0
06/04/2024 22:40	1.0	238	6	2.0	0.0
06/04/2024 22:50	1.1	239	12	2.0	0.0
06/04/2024 23:00	1.2	231	16	2.0	0.0
06/04/2024 23:10	1.6	240	17	2.5	0.0
06/04/2024 23:20	1.6	242	19	2.4	0.0
06/04/2024 23:30	1.9	249	16	2.8	0.0
06/04/2024 23:40	2.4	250	16	3.3	0.0
06/04/2024 23:50	2.3	255	16	3.8	0.0
07/04/2024 00:00	2.4	248	16	3.4	0.0
07/04/2024 00:10	2.0	248	18	3.5	0.0
07/04/2024 00:20	2.2	251	20	3.2	0.0
07/04/2024 00:30	2.1	245	21	3.3	0.0
07/04/2024 00:40	2.2	227	21	3.2	0.0
07/04/2024 00:50	1.9	226	22	3.4	0.0
07/04/2024 01:00	2.1	218	21	3.7	0.0
07/04/2024 01:10	1.9	214	27	3.5	0.0
07/04/2024 01:20	0.7	207	24	1.8	0.0
07/04/2024 01:30	0.5	206	27	1.5	0.0
07/04/2024 01:40	0.1	200	12	0.9	0.0
07/04/2024 01:50	0.0	277	0	0.4	0.0
07/04/2024 02:00	0.0	154	9	0.7	0.0
07/04/2024 02:10	0.7	194	14	2.1	0.0
07/04/2024 02:20	2.0	195	17	3.2	0.0
07/04/2024 02:30	2.2	194	17	3.3	0.0
07/04/2024 02:40	1.5	205	16	2.7	0.0
07/04/2024 02:50	1.7	201	23	2.7	0.0
07/04/2024 03:00	1.4	189	24	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 03:10	1.1	204	18	2.1	0.0
07/04/2024 03:20	1.4	201	20	2.8	0.0
07/04/2024 03:30	1.4	214	16	2.2	0.0
07/04/2024 03:40	1.3	215	11	2.0	0.0
07/04/2024 03:50	1.4	218	11	1.7	0.0
07/04/2024 04:00	0.8	216	13	1.8	0.0
07/04/2024 04:10	1.5	222	10	2.0	0.0
07/04/2024 04:20	1.6	209	12	2.5	0.0
07/04/2024 04:30	1.7	205	17	2.4	0.0
07/04/2024 04:40	2.1	206	11	3.0	0.0
07/04/2024 04:50	1.8	207	13	2.4	0.0
07/04/2024 05:00	1.4	201	16	2.2	0.0
07/04/2024 05:10	1.8	210	13	2.5	0.0
07/04/2024 05:20	1.7	203	18	2.4	0.0
07/04/2024 05:30	1.8	209	16	2.9	0.0
07/04/2024 05:40	2.1	207	14	3.5	0.0
07/04/2024 05:50	1.7	208	16	3.0	0.0
07/04/2024 06:00	2.1	204	13	3.5	0.0
07/04/2024 06:10	2.2	208	15	3.5	0.0
07/04/2024 06:20	2.1	216	13	3.0	0.0
07/04/2024 06:30	2.0	215	13	2.7	0.0
07/04/2024 06:40	1.5	212	16	2.5	0.0
07/04/2024 06:50	1.1	218	23	1.6	0.0
07/04/2024 07:00	1.1	206	24	2.2	0.0
07/04/2024 07:10	0.5	200	24	1.6	0.0
07/04/2024 07:20	0.5	216	18	1.4	0.0
07/04/2024 07:30					0.0
07/04/2024 07:40					0.0
07/04/2024 07:50	0.3	150	8	2.0	0.0
07/04/2024 08:00	0.7	158	24	1.6	0.0
07/04/2024 08:10	0.8	148	28	1.9	0.0
07/04/2024 08:20	0.9	131	30	2.2	0.0
07/04/2024 08:30	1.1	124	30	2.0	0.0
07/04/2024 08:40	1.4	112	27	2.7	0.0
07/04/2024 08:50	1.6	130	30	2.7	0.0
07/04/2024 09:00	1.9	150	29	3.2	0.0
07/04/2024 09:10	2.1	142	32	4.2	0.0
07/04/2024 09:20	1.9	132	32	3.2	0.0
07/04/2024 09:30	1.9	132	32	3.4	0.0
07/04/2024 09:40	2.1	127	30	3.5	0.0
07/04/2024 09:50	1.8	129	30	3.2	0.0
07/04/2024 10:00	2.2	122	31	3.9	0.0
07/04/2024 10:10	2.1	99	29	3.6	0.0
07/04/2024 10:20	3.0	87	25	4.5	0.0
07/04/2024 10:30	3.1	97	27	5.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 10:40	2.9	88	26	4.7	0.0
07/04/2024 10:50	3.0	94	26	4.8	0.0
07/04/2024 11:00	2.9	78	24	4.8	0.0
07/04/2024 11:10	3.3	70	29	5.6	0.0
07/04/2024 11:20	3.2	75	27	5.1	0.0
07/04/2024 11:30	3.2	87	24	5.2	0.0
07/04/2024 11:40	3.0	69	26	4.8	0.0
07/04/2024 11:50	2.9	62	20	4.6	0.0
07/04/2024 12:00	3.2	56	23	5.4	0.0
07/04/2024 12:10	3.3	57	20	5.3	0.0
07/04/2024 12:20	3.4	56	21	5.0	0.0
07/04/2024 12:30	2.7	62	23	4.6	0.0
07/04/2024 12:40	3.0	54	22	5.1	0.0
07/04/2024 12:50	3.0	53	23	5.2	0.0
07/04/2024 13:00	3.0	60	21	5.2	0.0
07/04/2024 13:10	3.1	59	22	5.0	0.0
07/04/2024 13:20	3.3	64	24	5.3	0.0
07/04/2024 13:30	3.2	57	22	5.4	0.0
07/04/2024 13:40	3.4	45	21	4.9	0.0
07/04/2024 13:50	3.8	44	20	6.0	0.0
07/04/2024 14:00	3.7	47	21	5.6	0.0
07/04/2024 14:10	3.3	49	21	5.3	0.0
07/04/2024 14:20	3.3	50	24	5.5	0.0
07/04/2024 14:30	3.7	49	17	6.0	0.0
07/04/2024 14:40	3.4	47	19	5.7	0.0
07/04/2024 14:50	3.4	46	21	5.3	0.0
07/04/2024 15:00	3.8	49	20	6.1	0.0
07/04/2024 15:10	3.6	47	22	5.6	0.0
07/04/2024 15:20	3.4	51	20	5.8	0.0
07/04/2024 15:30	3.3	50	21	5.3	0.0
07/04/2024 15:40	3.6	55	21	6.0	0.0
07/04/2024 15:50	3.1	47	20	4.9	0.0
07/04/2024 16:00	3.2	48	21	5.6	0.0
07/04/2024 16:10	3.1	40	22	4.7	0.0
07/04/2024 16:20	3.1	42	23	5.2	0.0
07/04/2024 16:30	3.7	52	16	5.3	0.0
07/04/2024 16:40	3.4	48	19	5.5	0.0
07/04/2024 16:50	3.0	45	20	4.7	0.0
07/04/2024 17:00	2.7	52	20	4.3	0.0
07/04/2024 17:10	2.7	50	19	4.2	0.0
07/04/2024 17:20	2.8	49	18	4.5	0.0
07/04/2024 17:30	2.6	44	20	3.9	0.0
07/04/2024 17:40	2.9	45	21	4.4	0.0
07/04/2024 17:50	2.3	40	19	3.7	0.0
07/04/2024 18:00	2.5	47	20	4.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/04/2024 18:10	2.1	46	18	3.2	0.0
07/04/2024 18:20	1.9	46	19	3.6	0.0
07/04/2024 18:30	1.8	48	19	2.8	0.0
07/04/2024 18:40	1.7	43	20	2.6	0.0
07/04/2024 18:50	1.5	45	17	2.6	0.0
07/04/2024 19:00	0.3	65	9	1.2	0.0
07/04/2024 19:10	0.3	37	12	1.0	0.0
07/04/2024 19:20	0.4	40	12	0.8	0.0
07/04/2024 19:30	0.3	38	11	0.9	0.0
07/04/2024 19:40	0.5	36	12	0.9	0.0
07/04/2024 19:50	1.1	39	17	1.9	0.0
07/04/2024 20:00	1.4	34	17	2.0	0.0
07/04/2024 20:10	1.1	41	20	1.9	0.0
07/04/2024 20:20	0.6	38	17	1.4	0.0
07/04/2024 20:30	0.8	44	17	1.5	0.0
07/04/2024 20:40	0.1	140	2	1.2	0.0
07/04/2024 20:50	2.0	244	7	2.4	0.0
07/04/2024 21:00	1.1	260	12	2.1	0.0
07/04/2024 21:10	0.9	240	5	1.6	0.0
07/04/2024 21:20	1.8	252	12	2.7	0.0
07/04/2024 21:30	0.9	246	13	1.6	0.0
07/04/2024 21:40	1.4	240	13	2.0	0.0
07/04/2024 21:50	1.3	248	19	2.5	0.0
07/04/2024 22:00	1.5	256	13	2.1	0.0
07/04/2024 22:10	1.5	257	12	2.1	0.0
07/04/2024 22:20	1.6	251	19	2.6	0.0
07/04/2024 22:30	1.9	248	18	2.8	0.0
07/04/2024 22:40	2.0	248	17	2.9	0.0
07/04/2024 22:50	2.2	253	17	3.4	0.0
07/04/2024 23:00	2.4	250	13	3.6	0.0
07/04/2024 23:10	2.6	249	16	3.9	0.0
07/04/2024 23:20	2.5	265	16	3.6	0.0
07/04/2024 23:30	1.9	257	22	3.0	0.0
07/04/2024 23:40	2.2	263	20	3.6	0.0
07/04/2024 23:50	2.0	262	17	3.2	0.0
08/04/2024 00:00	2.1	251	18	3.3	0.0
08/04/2024 00:10	1.9	253	16	3.0	0.0
08/04/2024 00:20	1.3	243	23	2.2	0.0
08/04/2024 00:30	0.7	228	24	1.9	0.0
08/04/2024 00:40	1.5	246	20	2.4	0.0
08/04/2024 00:50	1.1	230	22	1.8	0.0
08/04/2024 01:00	0.5	237	21	1.6	0.0
08/04/2024 01:10	0.8	212	28	1.6	0.0
08/04/2024 01:20	1.0	210	16	2.0	0.0
08/04/2024 01:30	1.4	210	15	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 01:40	2.0	197	22	3.1	0.0
08/04/2024 01:50	2.1	191	16	2.8	0.0
08/04/2024 02:00	2.1	191	17	3.6	0.0
08/04/2024 02:10	2.4	201	14	3.6	0.0
08/04/2024 02:20	2.3	198	13	3.3	0.0
08/04/2024 02:30	2.3	205	14	3.1	0.0
08/04/2024 02:40	2.6	201	11	4.0	0.0
08/04/2024 02:50	2.3	188	17	3.2	0.0
08/04/2024 03:00	2.4	199	15	3.7	0.0
08/04/2024 03:10	2.1	209	13	2.8	0.0
08/04/2024 03:20	2.1	215	11	2.8	0.0
08/04/2024 03:30	2.1	212	11	3.1	0.0
08/04/2024 03:40	2.1	204	15	3.2	0.0
08/04/2024 03:50	1.6	204	15	2.5	0.0
08/04/2024 04:00	1.4	215	12	2.1	0.0
08/04/2024 04:10	1.1	209	21	1.9	0.0
08/04/2024 04:20	0.4	202	23	1.4	0.0
08/04/2024 04:30	0.7	188	29	1.5	0.0
08/04/2024 04:40	0.2	146	16	0.9	0.0
08/04/2024 04:50	0.5	171	21	1.5	0.0
08/04/2024 05:00	1.1	212	20	1.8	0.0
08/04/2024 05:10	1.5	211	19	2.2	0.0
08/04/2024 05:20	0.6	200	21	1.6	0.0
08/04/2024 05:30	0.3	227	14	1.3	0.0
08/04/2024 05:40	0.2	133	6	1.1	0.0
08/04/2024 05:50	0.2	105	16	0.9	0.0
08/04/2024 06:00	0.6	125	29	1.7	0.0
08/04/2024 06:10	0.7	82	17	1.3	0.0
08/04/2024 06:20	0.4	73	20	1.2	0.0
08/04/2024 06:30	0.6	82	24	1.2	0.0
08/04/2024 06:40	0.6	82	27	1.5	0.0
08/04/2024 06:50	0.1	129	7	1.1	0.0
08/04/2024 07:00	0.5	140	29	2.0	0.0
08/04/2024 07:10	1.1	124	31	2.3	0.0
08/04/2024 07:20	0.9	104	18	1.6	0.0
08/04/2024 07:30	0.6	112	29	1.6	0.0
08/04/2024 07:40	0.8	140	26	2.6	0.0
08/04/2024 07:50	0.9	154	25	1.9	0.0
08/04/2024 08:00	1.0	152	25	2.2	0.0
08/04/2024 08:10	1.5	135	27	2.8	0.0
08/04/2024 08:20	1.8	122	29	3.0	0.0
08/04/2024 08:30	1.5	125	31	2.7	0.0
08/04/2024 08:40	1.7	131	28	2.8	0.0
08/04/2024 08:50	1.7	133	29	3.0	0.0
08/04/2024 09:00	1.7	132	31	2.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 09:10	1.3	125	32	2.3	0.0
08/04/2024 09:20	1.1	126	34	2.0	0.0
08/04/2024 09:30	1.6	132	34	2.8	0.0
08/04/2024 09:40	1.9	135	32	3.0	0.0
08/04/2024 09:50	2.4	118	28	4.3	0.0
08/04/2024 10:00	2.5	117	30	4.8	0.0
08/04/2024 10:10	2.6	114	33	5.0	0.0
08/04/2024 10:20	2.5	96	35	5.2	0.0
08/04/2024 10:30	2.5	104	27	4.0	0.0
08/04/2024 10:40	3.0	98	28	4.5	0.0
08/04/2024 10:50	2.6	97	34	4.4	0.0
08/04/2024 11:00	2.9	87	24	4.5	0.0
08/04/2024 11:10	2.6	98	32	4.1	0.0
08/04/2024 11:20	2.3	88	32	4.3	0.0
08/04/2024 11:30	2.3	105	33	4.0	0.0
08/04/2024 11:40	2.4	93	31	4.1	0.0
08/04/2024 11:50	2.4	78	31	4.8	0.0
08/04/2024 12:00	3.1	77	23	4.9	0.0
08/04/2024 12:10	2.6	79	27	4.7	0.0
08/04/2024 12:20	2.7	68	21	4.6	0.0
08/04/2024 12:30	3.2	55	24	5.3	0.0
08/04/2024 12:40	3.1	55	22	4.8	0.0
08/04/2024 12:50	3.0	58	20	5.4	0.0
08/04/2024 13:00	2.9	57	25	4.8	0.0
08/04/2024 13:10	3.4	56	19	5.7	0.0
08/04/2024 13:20	3.5	56	22	5.7	0.0
08/04/2024 13:30	3.9	59	22	6.4	0.0
08/04/2024 13:40	3.4	58	21	5.0	0.0
08/04/2024 13:50	3.6	61	21	6.1	0.0
08/04/2024 14:00	3.3	62	21	5.2	0.0
08/04/2024 14:10	3.1	62	25	4.9	0.0
08/04/2024 14:20	3.0	58	22	5.0	0.0
08/04/2024 14:30	3.2	54	24	5.2	0.0
08/04/2024 14:40	2.9	58	21	4.5	0.0
08/04/2024 14:50	2.6	51	20	4.3	0.0
08/04/2024 15:00	2.7	49	20	4.4	0.0
08/04/2024 15:10	2.3	49	23	3.8	0.0
08/04/2024 15:20	2.8	53	20	4.5	0.0
08/04/2024 15:30	2.8	56	22	4.5	0.0
08/04/2024 15:40	2.7	61	20	4.2	0.0
08/04/2024 15:50	2.6	63	22	4.4	0.0
08/04/2024 16:00	2.7	65	23	4.5	0.0
08/04/2024 16:10	3.0	50	19	4.8	0.0
08/04/2024 16:20	3.0	44	22	4.4	0.0
08/04/2024 16:30	2.6	53	18	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/04/2024 16:40	2.9	59	20	4.5	0.0
08/04/2024 16:50	3.2	52	22	4.7	0.0
08/04/2024 17:00	2.9	47	19	4.6	0.0
08/04/2024 17:10	2.7	48	21	4.3	0.0
08/04/2024 17:20	2.2	61	21	4.1	0.0
08/04/2024 17:30	1.7	67	21	2.8	0.0
08/04/2024 17:40	1.9	59	21	3.1	0.0
08/04/2024 17:50	1.7	57	24	2.8	0.0
08/04/2024 18:00	1.7	58	23	2.7	0.0
08/04/2024 18:10	1.8	58	20	3.2	0.0
08/04/2024 18:20	1.8	59	22	2.8	0.0
08/04/2024 18:30	1.6	51	18	3.0	0.0
08/04/2024 18:40	1.4	55	24	2.5	0.0
08/04/2024 18:50	1.3	61	23	2.4	0.0
08/04/2024 19:00	1.8	63	25	2.8	0.0
08/04/2024 19:10	2.3	64	21	4.4	0.0
08/04/2024 19:20	2.7	59	23	5.1	0.0
08/04/2024 19:30	2.8	60	22	4.4	0.0
08/04/2024 19:40	2.9	62	22	4.7	0.0
08/04/2024 19:50	3.4	58	23	5.5	0.0
08/04/2024 20:00	3.6	76	25	6.8	0.0
08/04/2024 20:10	3.6	77	24	6.7	0.0
08/04/2024 20:20	3.1	82	26	5.4	0.0
08/04/2024 20:30	3.1	75	27	5.3	0.0
08/04/2024 20:40	3.1	77	24	5.6	0.0
08/04/2024 20:50	4.2	84	21	6.8	0.0
08/04/2024 21:00	3.8	71	23	6.0	0.0
08/04/2024 21:10	3.2	68	21	5.7	0.0
08/04/2024 21:20	2.9	63	21	5.2	0.0
08/04/2024 21:30	2.8	63	24	5.1	0.0
08/04/2024 21:40	2.4	70	23	4.4	0.0
08/04/2024 21:50	2.2	71	21	3.4	0.0
08/04/2024 22:00	2.8	62	23	4.4	0.0
08/04/2024 22:10	2.7	70	24	4.2	0.0
08/04/2024 22:20	2.6	65	25	4.1	0.0
08/04/2024 22:30	2.7	64	20	4.1	0.0
08/04/2024 22:40	2.2	62	22	3.7	0.0
08/04/2024 22:50	2.2	68	19	3.5	0.0
08/04/2024 23:00	2.5	77	21	3.9	0.0
08/04/2024 23:10	2.2	81	27	3.6	0.0
08/04/2024 23:20	2.8	85	22	4.6	0.0
08/04/2024 23:30	2.9	83	23	5.5	0.0
08/04/2024 23:40	2.8	86	26	5.2	0.0
08/04/2024 23:50	2.7	82	21	4.6	0.0
09/04/2024 00:00	2.7	82	24	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 00:10	2.3	88	25	4.0	0.0
09/04/2024 00:20	2.2	87	24	3.8	0.0
09/04/2024 00:30	2.7	86	24	4.4	0.0
09/04/2024 00:40	3.3	84	20	5.2	0.0
09/04/2024 00:50	3.1	86	23	4.7	0.0
09/04/2024 01:00	3.5	82	21	5.7	0.0
09/04/2024 01:10	2.9	89	25	4.9	0.0
09/04/2024 01:20	2.7	85	19	4.4	0.0
09/04/2024 01:30	2.6	85	22	4.2	0.0
09/04/2024 01:40	2.5	83	24	4.4	0.0
09/04/2024 01:50	3.1	84	25	5.2	0.0
09/04/2024 02:00	3.3	78	22	5.9	0.0
09/04/2024 02:10	3.2	83	22	5.2	0.0
09/04/2024 02:20	3.3	84	21	5.6	0.0
09/04/2024 02:30	3.3	82	24	5.6	0.0
09/04/2024 02:40	3.2	84	24	5.4	0.0
09/04/2024 02:50	3.7	87	21	5.8	0.0
09/04/2024 03:00	3.6	82	24	6.1	0.0
09/04/2024 03:10	3.7	80	21	6.2	0.0
09/04/2024 03:20	4.1	85	24	6.2	0.0
09/04/2024 03:30	3.7	87	25	6.1	0.0
09/04/2024 03:40	3.7	88	22	6.3	0.0
09/04/2024 03:50	3.6	82	18	5.5	0.0
09/04/2024 04:00	3.1	85	30	5.3	0.0
09/04/2024 04:10	3.3	91	23	5.3	0.0
09/04/2024 04:20	2.9	87	22	4.9	0.0
09/04/2024 04:30	2.6	97	25	4.0	0.0
09/04/2024 04:40	2.6	89	31	4.8	0.0
09/04/2024 04:50	2.6	88	22	4.4	0.0
09/04/2024 05:00	2.7	90	24	4.3	0.0
09/04/2024 05:10	2.7	92	28	4.7	0.0
09/04/2024 05:20	2.2	95	32	4.2	0.0
09/04/2024 05:30	2.3	100	26	4.0	0.0
09/04/2024 05:40	2.3	100	30	3.6	0.0
09/04/2024 05:50	2.1	101	28	3.9	0.0
09/04/2024 06:00	1.5	110	34	2.7	0.0
09/04/2024 06:10	1.7	114	32	3.0	0.0
09/04/2024 06:20	2.1	98	29	3.6	0.0
09/04/2024 06:30	2.1	96	26	3.7	0.0
09/04/2024 06:40	2.1	94	27	3.5	0.0
09/04/2024 06:50	2.0	103	28	3.6	0.0
09/04/2024 07:00	1.8	102	37	3.1	0.0
09/04/2024 07:10	1.4	108	31	3.0	0.0
09/04/2024 07:20	2.2	94	28	3.4	0.0
09/04/2024 07:30	2.1	104	31	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 07:40	2.0	104	28	3.5	0.0
09/04/2024 07:50	2.2	112	31	3.6	0.0
09/04/2024 08:00	2.3	112	35	3.8	0.0
09/04/2024 08:10	2.2	110	35	4.0	0.0
09/04/2024 08:20	2.1	113	30	3.9	0.0
09/04/2024 08:30	2.1	111	29	3.8	0.0
09/04/2024 08:40	2.6	104	27	5.3	0.0
09/04/2024 08:50	3.2	99	33	5.7	0.0
09/04/2024 09:00	3.2	100	34	5.3	0.0
09/04/2024 09:10	3.2	95	27	6.7	0.0
09/04/2024 09:20	3.9	88	28	6.4	0.0
09/04/2024 09:30	3.8	85	24	6.5	0.0
09/04/2024 09:40	4.4	87	26	6.7	0.0
09/04/2024 09:50	4.1	89	24	6.7	0.0
09/04/2024 10:00	3.6	85	30	6.6	0.0
09/04/2024 10:10	3.8	85	25	5.7	0.0
09/04/2024 10:20	3.9	77	21	6.4	0.0
09/04/2024 10:30	4.1	75	27	6.1	0.0
09/04/2024 10:40	3.7	83	25	6.4	0.0
09/04/2024 10:50	4.2	80	22	6.7	0.0
09/04/2024 11:00	4.4	83	23	6.8	0.0
09/04/2024 11:10	4.0	81	24	7.1	0.0
09/04/2024 11:20	3.4	71	24	5.5	0.0
09/04/2024 11:30	3.2	66	24	5.2	0.0
09/04/2024 11:40	3.7	80	25	6.3	0.0
09/04/2024 11:50	3.9	82	23	6.5	0.0
09/04/2024 12:00	4.1	82	27	6.9	0.0
09/04/2024 12:10	4.2	80	27	7.0	0.0
09/04/2024 12:20	4.4	77	24	7.5	0.0
09/04/2024 12:30	4.7	76	21	8.4	0.0
09/04/2024 12:40	5.2	67	21	8.8	0.0
09/04/2024 12:50	5.0	66	21	8.3	0.0
09/04/2024 13:00	4.9	70	24	8.8	0.0
09/04/2024 13:10	5.0	66	22	8.6	0.0
09/04/2024 13:20	5.7	68	23	8.6	0.0
09/04/2024 13:30	5.7	70	23	9.0	0.0
09/04/2024 13:40	5.1	67	21	7.5	0.0
09/04/2024 13:50	4.6	63	23	7.7	0.0
09/04/2024 14:00	4.4	66	23	7.9	0.0
09/04/2024 14:10	4.3	69	21	7.7	0.0
09/04/2024 14:20	3.7	69	23	5.7	0.0
09/04/2024 14:30	3.6	68	23	5.9	0.0
09/04/2024 14:40	3.5	77	22	6.1	0.0
09/04/2024 14:50	3.2	71	24	4.8	0.0
09/04/2024 15:00	3.8	74	21	6.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 15:10	3.5	77	25	5.7	0.0
09/04/2024 15:20	3.4	74	22	5.1	0.0
09/04/2024 15:30	2.9	68	24	5.1	0.0
09/04/2024 15:40	3.6	68	20	6.1	0.0
09/04/2024 15:50	3.5	70	23	6.0	0.0
09/04/2024 16:00	3.6	65	22	6.0	0.0
09/04/2024 16:10	4.7	55	21	7.5	0.0
09/04/2024 16:20	5.4	59	20	9.0	0.0
09/04/2024 16:30	5.6	62	19	8.7	0.0
09/04/2024 16:40	5.3	62	22	9.2	0.0
09/04/2024 16:50	5.2	74	22	9.3	0.0
09/04/2024 17:00	4.6	86	22	7.6	0.0
09/04/2024 17:10	3.9	80	23	7.0	0.0
09/04/2024 17:20	4.1	93	30	6.8	0.0
09/04/2024 17:30	3.8	93	30	6.6	0.0
09/04/2024 17:40	4.1	98	29	6.8	0.0
09/04/2024 17:50	3.2	123	28	5.0	0.0
09/04/2024 18:00	3.0	136	30	5.0	0.0
09/04/2024 18:10	2.8	139	28	4.8	0.0
09/04/2024 18:20	2.9	139	29	4.8	0.0
09/04/2024 18:30	2.5	123	32	4.8	0.0
09/04/2024 18:40	2.7	121	31	4.7	0.0
09/04/2024 18:50	3.2	115	33	5.3	0.0
09/04/2024 19:00	3.0	118	29	5.5	0.0
09/04/2024 19:10	3.0	125	32	5.4	0.0
09/04/2024 19:20	3.1	122	30	6.2	0.0
09/04/2024 19:30	2.8	120	30	5.2	0.0
09/04/2024 19:40	2.9	133	25	4.9	0.0
09/04/2024 19:50	2.7	126	27	4.4	0.0
09/04/2024 20:00	2.9	140	25	4.8	0.0
09/04/2024 20:10	3.1	139	29	5.7	0.0
09/04/2024 20:20	2.8	139	30	5.0	0.0
09/04/2024 20:30	2.9	142	25	5.2	0.0
09/04/2024 20:40	2.7	139	28	4.4	0.0
09/04/2024 20:50	2.1	132	26	3.5	0.0
09/04/2024 21:00	2.0	125	32	4.0	0.0
09/04/2024 21:10	2.1	127	25	4.1	0.0
09/04/2024 21:20	2.1	125	31	3.4	0.0
09/04/2024 21:30	1.9	121	33	3.7	0.0
09/04/2024 21:40	2.2	127	31	4.0	0.0
09/04/2024 21:50	2.1	125	30	4.3	0.0
09/04/2024 22:00	2.7	119	30	4.3	0.0
09/04/2024 22:10	2.7	111	34	4.9	0.0
09/04/2024 22:20	3.3	110	30	5.6	0.0
09/04/2024 22:30	3.3	101	32	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/04/2024 22:40	4.1	99	27	6.4	0.0
09/04/2024 22:50	4.2	97	31	6.9	0.0
09/04/2024 23:00	4.4	101	32	7.9	0.0
09/04/2024 23:10	4.3	104	30	6.8	0.0
09/04/2024 23:20	3.9	104	30	6.8	0.0
09/04/2024 23:30	4.2	83	23	6.8	0.0
09/04/2024 23:40	4.2	80	22	6.8	0.0
09/04/2024 23:50	3.8	93	27	6.9	0.0
10/04/2024 00:00	5.0	89	25	8.3	0.0
10/04/2024 00:10	4.5	105	38	7.5	0.0
10/04/2024 00:20	4.6	113	34	7.6	0.0
10/04/2024 00:30	4.0	120	27	6.5	0.0
10/04/2024 00:40	4.0	134	27	7.2	0.0
10/04/2024 00:50	4.3	140	26	6.5	0.0
10/04/2024 01:00	4.3	134	27	7.5	0.0
10/04/2024 01:10	4.3	137	29	7.3	0.0
10/04/2024 01:20	3.5	126	29	6.4	0.0
10/04/2024 01:30	3.3	122	32	5.9	0.0
10/04/2024 01:40	3.2	122	33	5.6	0.0
10/04/2024 01:50	3.9	119	26	6.7	0.0
10/04/2024 02:00	3.9	116	27	6.6	0.0
10/04/2024 02:10	4.1	118	34	6.9	0.0
10/04/2024 02:20	3.8	108	31	6.7	0.0
10/04/2024 02:30	3.6	118	28	6.3	0.0
10/04/2024 02:40	3.2	116	30	5.2	0.1
10/04/2024 02:50	3.1	118	30	5.4	0.0
10/04/2024 03:00	3.8	119	30	6.4	0.2
10/04/2024 03:10	3.8	110	30	6.6	0.1
10/04/2024 03:20	3.3	114	32	5.6	0.0
10/04/2024 03:30	3.3	121	30	6.2	0.0
10/04/2024 03:40	3.1	130	32	5.0	0.0
10/04/2024 03:50	2.6	126	29	4.9	0.0
10/04/2024 04:00	2.9	126	31	5.5	0.0
10/04/2024 04:10	2.8	115	35	5.3	0.0
10/04/2024 04:20	2.8	107	27	4.9	0.0
10/04/2024 04:30	3.0	104	34	5.6	0.0
10/04/2024 04:40	3.0	105	31	4.8	0.0
10/04/2024 04:50	4.2	100	29	6.8	0.0
10/04/2024 05:00	3.7	103	34	6.7	0.0
10/04/2024 05:10	4.0	113	32	6.8	0.0
10/04/2024 05:20	3.3	116	33	6.0	0.0
10/04/2024 05:30	3.6	112	31	5.9	0.0
10/04/2024 05:40	5.1	88	28	9.1	0.0
10/04/2024 05:50	5.1	87	22	8.8	0.0
10/04/2024 06:00	4.3	97	35	7.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 06:10	5.1	87	23	9.8	0.0
10/04/2024 06:20	5.7	74	24	8.8	0.0
10/04/2024 06:30	5.5	83	21	9.3	0.0
10/04/2024 06:40	5.7	91	28	9.4	0.0
10/04/2024 06:50	5.8	84	24	9.6	0.0
10/04/2024 07:00	6.0	85	20	9.9	0.0
10/04/2024 07:10	6.1	87	23	10.0	0.0
10/04/2024 07:20	5.6	85	20	9.1	0.0
10/04/2024 07:30	6.1	85	24	9.7	0.0
10/04/2024 07:40	5.1	95	25	8.9	0.0
10/04/2024 07:50	5.2	104	30	10.0	0.0
10/04/2024 08:00	5.8	105	28	10.3	0.0
10/04/2024 08:10	5.2	105	27	8.8	0.1
10/04/2024 08:20	5.0	104	34	9.3	0.0
10/04/2024 08:30	5.7	108	33	9.6	0.1
10/04/2024 08:40	5.6	102	31	9.1	0.0
10/04/2024 08:50	5.9	105	28	9.8	0.0
10/04/2024 09:00	6.1	100	27	9.5	0.0
10/04/2024 09:10	5.2	101	31	8.2	0.0
10/04/2024 09:20	4.8	103	33	7.9	0.0
10/04/2024 09:30	4.6	109	31	7.2	0.0
10/04/2024 09:40	4.9	105	30	8.7	0.0
10/04/2024 09:50	5.1	102	33	7.7	0.0
10/04/2024 10:00	5.2	104	29	8.4	0.0
10/04/2024 10:10	5.2	100	31	8.2	0.0
10/04/2024 10:20	5.0	105	29	9.5	0.0
10/04/2024 10:30	4.4	97	28	7.4	0.0
10/04/2024 10:40	4.2	109	29	7.2	0.0
10/04/2024 10:50	4.7	108	31	7.2	0.0
10/04/2024 11:00	4.8	105	30	8.1	0.0
10/04/2024 11:10	5.0	107	32	7.7	0.0
10/04/2024 11:20	4.6	103	32	7.5	0.0
10/04/2024 11:30	4.6	110	26	7.6	0.0
10/04/2024 11:40	4.5	103	29	9.2	0.0
10/04/2024 11:50	4.4	104	31	7.7	0.0
10/04/2024 12:00	4.7	101	28	8.7	0.0
10/04/2024 12:10	5.2	97	29	8.6	0.0
10/04/2024 12:20	4.7	97	30	7.8	0.0
10/04/2024 12:30	5.0	96	29	9.1	0.0
10/04/2024 12:40	4.2	99	29	7.2	0.0
10/04/2024 12:50	4.2	90	29	8.1	0.0
10/04/2024 13:00	4.2	91	23	6.9	0.0
10/04/2024 13:10	5.1	85	22	8.9	0.1
10/04/2024 13:20	5.3	90	25	8.5	0.0
10/04/2024 13:30	4.5	100	28	7.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 13:40	4.4	96	32	7.2	0.0
10/04/2024 13:50	4.3	97	32	7.5	0.0
10/04/2024 14:00	3.8	105	29	8.3	0.0
10/04/2024 14:10	4.0	111	31	6.0	0.0
10/04/2024 14:20	3.9	102	31	6.8	0.0
10/04/2024 14:30	3.7	110	35	6.4	0.0
10/04/2024 14:40	3.4	109	30	5.7	0.0
10/04/2024 14:50	3.0	100	34	5.1	0.0
10/04/2024 15:00	3.9	93	23	6.8	0.0
10/04/2024 15:10	4.0	85	23	7.2	0.1
10/04/2024 15:20	4.2	79	21	7.1	0.0
10/04/2024 15:30	4.3	82	22	7.2	0.1
10/04/2024 15:40	5.1	81	22	8.3	0.1
10/04/2024 15:50	4.7	79	25	7.9	0.0
10/04/2024 16:00	4.8	86	21	7.2	0.1
10/04/2024 16:10	5.1	87	20	8.5	0.0
10/04/2024 16:20	4.6	84	24	7.9	0.0
10/04/2024 16:30	4.6	79	22	7.6	0.0
10/04/2024 16:40	3.6	79	22	7.0	0.0
10/04/2024 16:50	3.6	75	21	6.0	0.0
10/04/2024 17:00	4.0	77	22	6.5	0.0
10/04/2024 17:10	4.4	77	24	7.3	0.0
10/04/2024 17:20	3.8	73	24	5.8	0.0
10/04/2024 17:30	3.6	68	22	6.9	0.0
10/04/2024 17:40	4.0	74	25	6.4	0.0
10/04/2024 17:50	3.6	64	24	6.0	0.0
10/04/2024 18:00	3.5	71	23	5.6	0.0
10/04/2024 18:10	3.6	78	19	5.7	0.0
10/04/2024 18:20	3.3	75	21	5.5	0.0
10/04/2024 18:30	3.8	69	22	6.0	0.0
10/04/2024 18:40	3.3	64	22	5.6	0.0
10/04/2024 18:50	3.3	51	24	6.2	0.3
10/04/2024 19:00	2.9	67	25	5.0	0.4
10/04/2024 19:10	4.0	72	24	7.2	0.7
10/04/2024 19:20	3.4	54	25	6.4	2.3
10/04/2024 19:30	2.9	20	35	6.0	2.7
10/04/2024 19:40	3.5	29	20	5.7	3.2
10/04/2024 19:50	3.5	32	28	6.4	8.2
10/04/2024 20:00	3.1	41	22	5.4	4.0
10/04/2024 20:10	3.1	40	19	4.8	0.3
10/04/2024 20:20	2.9	41	21	5.2	0.0
10/04/2024 20:30	3.2	46	20	5.7	0.0
10/04/2024 20:40	3.1	38	21	5.2	0.0
10/04/2024 20:50	2.8	42	21	4.4	0.0
10/04/2024 21:00	2.5	44	19	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 21:10	2.5	44	18	4.7	0.0
10/04/2024 21:20	2.0	39	21	3.3	0.0
10/04/2024 21:30	1.5	39	19	2.8	0.0
10/04/2024 21:40	1.5	47	16	2.9	0.0
10/04/2024 21:50	0.9	40	16	3.2	0.0
10/04/2024 22:00	0.9	43	17	2.5	0.0
10/04/2024 22:10	1.3	42	17	3.0	0.0
10/04/2024 22:20	0.4	48	11	2.4	0.0
10/04/2024 22:30	2.1	46	18	4.4	0.4
10/04/2024 22:40	3.1	46	20	5.1	1.1
10/04/2024 22:50	2.7	39	21	5.3	0.0
10/04/2024 23:00	2.8	43	19	4.5	0.0
10/04/2024 23:10	3.7	45	20	6.2	0.2
10/04/2024 23:20	2.9	49	18	5.2	0.0
10/04/2024 23:30	3.9	45	20	6.3	0.0
10/04/2024 23:40	2.9	42	20	5.4	0.0
10/04/2024 23:50	3.0	47	18	4.7	0.0
11/04/2024 00:00	4.8	43	17	8.3	0.1
11/04/2024 00:10	3.6	47	19	6.5	0.0
11/04/2024 00:20	3.8	46	20	6.4	0.3
11/04/2024 00:30	2.7	37	21	4.1	0.1
11/04/2024 00:40	2.3	42	17	4.0	0.0
11/04/2024 00:50	1.5	42	19	3.1	0.0
11/04/2024 01:00	1.4	36	20	2.5	0.0
11/04/2024 01:10	1.0	29	20	2.5	0.0
11/04/2024 01:20	1.1	32	23	2.2	0.0
11/04/2024 01:30	1.5	37	23	2.5	0.0
11/04/2024 01:40	2.1	38	21	3.8	0.0
11/04/2024 01:50	1.7	38	19	3.0	0.0
11/04/2024 02:00	1.3	26	29	3.0	0.0
11/04/2024 02:10	1.5	32	25	2.9	0.0
11/04/2024 02:20	1.5	29	25	3.2	0.0
11/04/2024 02:30	1.9	36	26	3.7	0.0
11/04/2024 02:40	2.0	34	25	4.0	0.0
11/04/2024 02:50	2.3	29	34	4.8	0.0
11/04/2024 03:00	1.8	38	23	3.6	0.0
11/04/2024 03:10	1.7	22	25	3.5	0.0
11/04/2024 03:20	2.3	23	25	4.1	0.0
11/04/2024 03:30	2.4	29	25	3.6	0.0
11/04/2024 03:40	1.0	42	22	2.3	0.0
11/04/2024 03:50	0.9	67	15	2.4	0.0
11/04/2024 04:00	1.1	103	32	2.3	0.0
11/04/2024 04:10	0.7	30	23	2.0	0.0
11/04/2024 04:20	1.0	185	19	2.4	0.0
11/04/2024 04:30	1.3	14	27	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 04:40	0.7	32	16	1.7	0.0
11/04/2024 04:50	1.0	51	15	2.5	0.0
11/04/2024 05:00					0.0
11/04/2024 05:10	0.0	67	4	0.8	0.0
11/04/2024 05:20					0.0
11/04/2024 05:30	1.4	88	19	4.0	0.0
11/04/2024 05:40	1.2	77	19	2.9	0.0
11/04/2024 05:50	0.5	37	14	2.0	0.0
11/04/2024 06:00	0.8	38	19	2.3	0.0
11/04/2024 06:10	0.9	41	18	2.0	0.0
11/04/2024 06:20					0.0
11/04/2024 06:30					0.0
11/04/2024 06:40					0.0
11/04/2024 06:50					0.0
11/04/2024 07:00					0.0
11/04/2024 07:10	0.4	59	9	2.7	0.1
11/04/2024 07:20	1.4	65	19	3.2	0.0
11/04/2024 07:30	1.0	60	15	3.6	0.0
11/04/2024 07:40	1.1	66	17	3.3	0.0
11/04/2024 07:50	1.4	59	20	3.4	0.0
11/04/2024 08:00	1.2	58	24	3.0	0.0
11/04/2024 08:10	1.5	70	26	3.2	0.0
11/04/2024 08:20	1.7	73	24	3.6	0.0
11/04/2024 08:30	2.8	77	22	4.4	0.0
11/04/2024 08:40	2.2	73	23	3.4	0.0
11/04/2024 08:50	2.6	74	25	4.6	0.0
11/04/2024 09:00	2.3	65	24	4.4	0.0
11/04/2024 09:10	2.3	78	20	4.4	0.0
11/04/2024 09:20	2.2	71	21	3.6	0.0
11/04/2024 09:30	2.1	70	22	3.5	0.0
11/04/2024 09:40	2.4	69	23	4.2	0.0
11/04/2024 09:50	2.4	70	20	3.6	0.0
11/04/2024 10:00	2.4	81	21	3.8	0.0
11/04/2024 10:10	2.0	79	28	3.2	0.0
11/04/2024 10:20	2.2	83	28	3.8	0.0
11/04/2024 10:30	2.3	91	23	3.9	0.0
11/04/2024 10:40	1.9	107	29	3.2	0.0
11/04/2024 10:50	1.5	116	34	3.1	0.0
11/04/2024 11:00	2.0	111	31	3.5	0.0
11/04/2024 11:10	2.1	114	29	4.0	0.0
11/04/2024 11:20	1.6	106	35	3.4	0.0
11/04/2024 11:30	2.1	91	25	3.6	0.0
11/04/2024 11:40	2.3	83	21	4.0	0.0
11/04/2024 11:50	2.4	84	25	3.9	0.0
11/04/2024 12:00	2.0	74	23	4.3	0.3



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 12:10	2.3	64	19	3.9	0.6
11/04/2024 12:20	1.1	70	22	3.2	0.8
11/04/2024 12:30	0.0	99	1	0.4	0.0
11/04/2024 12:40	0.5	173	26	2.6	0.0
11/04/2024 12:50	0.4	108	19	2.4	0.0
11/04/2024 13:00	0.6	117	20	2.0	0.0
11/04/2024 13:10	0.6	97	17	2.4	0.0
11/04/2024 13:20	0.8	66	16	3.2	0.0
11/04/2024 13:30	0.8	53	15	2.9	0.0
11/04/2024 13:40	0.9	73	14	2.8	0.0
11/04/2024 13:50	0.9	61	16	3.4	0.0
11/04/2024 14:00	1.5	58	22	3.6	0.0
11/04/2024 14:10	1.6	57	24	3.5	0.0
11/04/2024 14:20	2.0	62	20	3.5	0.0
11/04/2024 14:30	2.1	55	22	3.2	0.0
11/04/2024 14:40	2.0	67	24	2.9	0.0
11/04/2024 14:50	1.6	64	27	2.5	0.1
11/04/2024 15:00	1.5	77	25	2.7	0.1
11/04/2024 15:10	1.6	67	24	2.8	0.0
11/04/2024 15:20	1.6	60	22	2.8	0.0
11/04/2024 15:30	1.8	61	20	3.1	0.0
11/04/2024 15:40	1.8	63	20	3.4	0.0
11/04/2024 15:50	2.0	58	18	3.4	0.0
11/04/2024 16:00	1.8	54	19	2.9	0.0
11/04/2024 16:10	1.5	55	19	2.5	0.0
11/04/2024 16:20	1.6	56	21	2.6	0.0
11/04/2024 16:30	1.6	41	20	3.0	0.0
11/04/2024 16:40	1.9	287	31	3.6	0.1
11/04/2024 16:50	0.7	277	22	1.6	0.0
11/04/2024 17:00	0.7	168	16	1.6	0.1
11/04/2024 17:10	0.5	325	24	1.6	0.0
11/04/2024 17:20	0.4	127	14	1.2	0.0
11/04/2024 17:30	0.1	229	2	0.6	0.0
11/04/2024 17:40	0.1	87	3	1.1	0.0
11/04/2024 17:50	0.3	63	8	1.0	0.0
11/04/2024 18:00	0.1	22	5	0.6	0.0
11/04/2024 18:10	0.7	39	13	1.1	0.0
11/04/2024 18:20	0.2	14	6	0.7	0.0
11/04/2024 18:30	0.0	353	4	0.4	0.0
11/04/2024 18:40					0.0
11/04/2024 18:50					0.0
11/04/2024 19:00					0.0
11/04/2024 19:10	0.8	15	15	1.4	0.0
11/04/2024 19:20	0.7	27	15	1.2	0.0
11/04/2024 19:30	1.1	17	19	1.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 19:40	1.2	9	16	1.6	0.0
11/04/2024 19:50	1.3	22	17	2.0	0.0
11/04/2024 20:00	1.4	12	19	2.0	0.0
11/04/2024 20:10	0.9	33	16	1.4	0.0
11/04/2024 20:20	0.7	35	13	1.3	0.0
11/04/2024 20:30	1.1	37	16	1.6	0.0
11/04/2024 20:40	1.8	34	18	2.7	0.0
11/04/2024 20:50	1.7	31	19	3.2	0.0
11/04/2024 21:00	1.9	22	24	3.2	0.0
11/04/2024 21:10	1.9	18	16	3.0	0.0
11/04/2024 21:20	1.8	30	18	3.0	0.0
11/04/2024 21:30	1.4	46	14	2.2	0.0
11/04/2024 21:40	1.7	24	21	2.8	0.0
11/04/2024 21:50	1.6	19	22	2.7	0.0
11/04/2024 22:00	1.7	25	20	2.4	0.0
11/04/2024 22:10	1.6	23	23	2.7	0.0
11/04/2024 22:20	1.6	25	24	2.6	0.0
11/04/2024 22:30	1.3	30	21	2.3	0.0
11/04/2024 22:40	1.4	29	22	2.6	0.0
11/04/2024 22:50	1.5	29	27	2.7	0.0
11/04/2024 23:00	1.6	23	30	3.0	0.0
11/04/2024 23:10	2.0	30	22	3.5	0.0
11/04/2024 23:20	2.0	34	25	3.6	0.0
11/04/2024 23:30	1.3	45	17	1.9	0.0
11/04/2024 23:40	1.3	46	20	2.5	0.0
11/04/2024 23:50	1.0	40	21	2.0	0.0
12/04/2024 00:00	1.5	34	27	2.5	0.0
12/04/2024 00:10	1.6	36	25	2.8	0.0
12/04/2024 00:20	2.0	17	24	3.2	0.0
12/04/2024 00:30	1.7	13	31	3.0	0.0
12/04/2024 00:40	1.2	337	29	2.0	0.0
12/04/2024 00:50	1.1	327	21	2.0	0.0
12/04/2024 01:00	1.8	327	28	3.2	0.0
12/04/2024 01:10	1.3	348	32	2.4	0.0
12/04/2024 01:20	1.5	324	31	2.6	0.0
12/04/2024 01:30	0.9	182	39	1.8	0.0
12/04/2024 01:40	0.6	36	25	1.3	0.0
12/04/2024 01:50	0.2	272	37	1.0	0.0
12/04/2024 02:00	0.5	331	34	1.9	0.0
12/04/2024 02:10	0.2	207	42	1.1	0.0
12/04/2024 02:20	0.7	29	25	2.1	0.0
12/04/2024 02:30	0.3	32	21	1.0	0.0
12/04/2024 02:40	0.3	30	31	1.0	0.0
12/04/2024 02:50	0.4	35	22	1.2	0.0
12/04/2024 03:00	0.6	44	23	1.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 03:10	0.2	42	16	0.8	0.0
12/04/2024 03:20					0.0
12/04/2024 03:30	0.3	89	15	1.3	0.0
12/04/2024 03:40	0.5	100	19	1.3	0.0
12/04/2024 03:50	0.1	103	10	0.9	0.0
12/04/2024 04:00					0.0
12/04/2024 04:10					0.0
12/04/2024 04:20					0.0
12/04/2024 04:30	0.1	160	2	0.8	0.0
12/04/2024 04:40	0.6	340	7	1.1	0.0
12/04/2024 04:50	0.5	335	11	1.2	0.0
12/04/2024 05:00					0.0
12/04/2024 05:10	0.2	118	14	1.6	0.0
12/04/2024 05:20	0.3	200	13	1.5	0.0
12/04/2024 05:30	1.1	335	17	1.7	0.0
12/04/2024 05:40	0.5	173	35	1.2	0.0
12/04/2024 05:50	0.4	227	17	1.1	0.0
12/04/2024 06:00	0.1	351	9	0.8	0.0
12/04/2024 06:10					0.0
12/04/2024 06:20	0.1	146	6	0.7	0.0
12/04/2024 06:30	0.9	119	21	2.2	0.0
12/04/2024 06:40	0.1	116	17	0.8	0.0
12/04/2024 06:50	0.6	116	19	1.4	0.0
12/04/2024 07:00	0.1	122	11	1.3	0.0
12/04/2024 07:10	0.5	128	17	1.3	0.0
12/04/2024 07:20	0.5	101	19	1.6	0.0
12/04/2024 07:30	0.5	86	20	1.3	0.0
12/04/2024 07:40	0.7	103	25	1.2	0.0
12/04/2024 07:50	0.6	105	25	2.0	0.0
12/04/2024 08:00	0.7	117	34	1.8	0.0
12/04/2024 08:10	0.8	123	25	1.6	0.0
12/04/2024 08:20	0.9	113	23	1.7	0.0
12/04/2024 08:30	1.0	143	30	2.0	0.0
12/04/2024 08:40	1.2	150	29	2.0	0.0
12/04/2024 08:50	1.0	153	34	1.6	0.0
12/04/2024 09:00	1.3	155	32	2.2	0.0
12/04/2024 09:10	1.5	116	31	2.9	0.0
12/04/2024 09:20	1.5	109	30	2.7	0.0
12/04/2024 09:30	1.7	117	29	3.1	0.0
12/04/2024 09:40	1.6	97	29	2.7	0.0
12/04/2024 09:50	1.5	121	30	2.9	0.0
12/04/2024 10:00	1.8	107	28	3.1	0.0
12/04/2024 10:10	1.9	120	26	3.0	0.0
12/04/2024 10:20	1.9	122	30	3.3	0.0
12/04/2024 10:30	1.7	116	31	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 10:40	1.9	94	27	3.0	0.0
12/04/2024 10:50	1.9	81	25	3.3	0.0
12/04/2024 11:00	2.0	80	26	3.6	0.0
12/04/2024 11:10	1.9	81	25	3.0	0.0
12/04/2024 11:20	1.8	81	29	3.2	0.0
12/04/2024 11:30	1.5	77	29	2.6	0.0
12/04/2024 11:40	1.6	78	26	2.9	0.0
12/04/2024 11:50	1.9	73	18	3.2	0.0
12/04/2024 12:00	2.0	68	27	3.3	0.0
12/04/2024 12:10	2.1	73	27	3.1	0.0
12/04/2024 12:20	2.4	66	20	3.6	0.0
12/04/2024 12:30	2.4	72	22	3.6	0.0
12/04/2024 12:40	2.5	70	20	3.6	0.0
12/04/2024 12:50	2.5	75	20	3.6	0.0
12/04/2024 13:00	2.4	75	23	4.0	0.0
12/04/2024 13:10	2.5	65	22	4.0	0.0
12/04/2024 13:20	2.3	74	26	4.0	0.0
12/04/2024 13:30	2.4	73	21	3.8	0.0
12/04/2024 13:40	2.5	64	25	4.1	0.0
12/04/2024 13:50	2.6	59	20	4.8	0.0
12/04/2024 14:00	2.6	57	20	4.8	0.0
12/04/2024 14:10	2.4	65	22	4.1	0.0
12/04/2024 14:20	2.8	59	19	4.0	0.0
12/04/2024 14:30	1.8	56	26	2.9	0.0
12/04/2024 14:40	1.8	49	31	3.7	0.0
12/04/2024 14:50	1.8	20	29	3.6	0.0
12/04/2024 15:00	1.9	7	31	3.2	0.0
12/04/2024 15:10	2.2	14	30	3.5	0.0
12/04/2024 15:20	2.0	15	29	3.8	0.0
12/04/2024 15:30	2.1	8	32	3.5	0.0
12/04/2024 15:40	2.0	14	33	3.3	0.0
12/04/2024 15:50	1.9	183	29	3.1	0.0
12/04/2024 16:00	2.0	9	32	3.2	0.0
12/04/2024 16:10	2.0	9	30	3.1	0.0
12/04/2024 16:20	1.9	5	29	3.0	0.0
12/04/2024 16:30	1.6	186	27	3.2	0.0
12/04/2024 16:40	1.6	9	34	3.0	0.0
12/04/2024 16:50	1.3	179	39	2.4	0.0
12/04/2024 17:00	1.4	14	34	2.3	0.0
12/04/2024 17:10	1.3	181	35	2.4	0.0
12/04/2024 17:20	1.3	22	28	2.0	0.0
12/04/2024 17:30	1.1	41	27	2.0	0.0
12/04/2024 17:40	0.8	32	28	2.0	0.0
12/04/2024 17:50	1.4	9	33	2.3	0.0
12/04/2024 18:00	1.3	9	29	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 18:10	1.3	10	30	2.4	0.0
12/04/2024 18:20	1.3	344	29	2.2	0.0
12/04/2024 18:30	1.7	321	21	2.8	0.0
12/04/2024 18:40	1.9	324	21	2.9	0.0
12/04/2024 18:50	1.4	316	25	2.3	0.0
12/04/2024 19:00	1.6	322	24	2.8	0.0
12/04/2024 19:10	1.6	326	28	3.2	0.0
12/04/2024 19:20	1.9	318	27	3.6	0.0
12/04/2024 19:30	1.4	342	34	2.5	0.0
12/04/2024 19:40	1.2	340	28	2.1	0.0
12/04/2024 19:50	1.4	178	31	2.6	0.0
12/04/2024 20:00	0.8	26	38	1.8	0.0
12/04/2024 20:10	1.0	42	27	1.8	0.0
12/04/2024 20:20	0.8	45	25	1.6	0.0
12/04/2024 20:30	0.6	36	20	1.6	0.0
12/04/2024 20:40	0.9	49	18	1.3	0.0
12/04/2024 20:50	0.2	32	7	0.9	0.0
12/04/2024 21:00	0.1	349	21	0.8	0.0
12/04/2024 21:10	0.2	26	11	1.2	0.0
12/04/2024 21:20	0.1	143	28	0.6	0.0
12/04/2024 21:30	0.5	319	25	1.6	0.0
12/04/2024 21:40					0.0
12/04/2024 21:50					0.0
12/04/2024 22:00	0.1	282	7	0.6	0.0
12/04/2024 22:10	0.5	293	30	1.6	0.0
12/04/2024 22:20	1.0	263	21	1.6	0.0
12/04/2024 22:30	0.8	261	21	1.6	0.0
12/04/2024 22:40	0.5	258	23	1.3	0.0
12/04/2024 22:50	1.0	258	19	1.5	0.0
12/04/2024 23:00	0.3	251	19	1.5	0.0
12/04/2024 23:10	0.6	258	17	1.5	0.0
12/04/2024 23:20	1.1	261	23	2.0	0.0
12/04/2024 23:30	0.6	273	23	1.4	0.0
12/04/2024 23:40	0.3	262	12	1.2	0.0
12/04/2024 23:50	0.1	268	12	0.9	0.0
13/04/2024 00:00					0.0
13/04/2024 00:10					0.0
13/04/2024 00:20					0.0
13/04/2024 00:30					0.0
13/04/2024 00:40					0.0
13/04/2024 00:50					0.0
13/04/2024 01:00					0.0
13/04/2024 01:10					0.0
13/04/2024 01:20					0.0
13/04/2024 01:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 01:40					0.0
13/04/2024 01:50					0.0
13/04/2024 02:00					0.0
13/04/2024 02:10					0.0
13/04/2024 02:20					0.0
13/04/2024 02:30					0.0
13/04/2024 02:40					0.0
13/04/2024 02:50					0.0
13/04/2024 03:00					0.0
13/04/2024 03:10					0.0
13/04/2024 03:20					0.0
13/04/2024 03:30	0.0	43	0	0.4	0.0
13/04/2024 03:40	0.0	25	7	0.6	0.0
13/04/2024 03:50					0.0
13/04/2024 04:00					0.0
13/04/2024 04:10					0.0
13/04/2024 04:20					0.0
13/04/2024 04:30					0.0
13/04/2024 04:40					0.0
13/04/2024 04:50					0.0
13/04/2024 05:00					0.0
13/04/2024 05:10					0.0
13/04/2024 05:20					0.0
13/04/2024 05:30					0.0
13/04/2024 05:40					0.0
13/04/2024 05:50	0.0	68	0	0.4	0.0
13/04/2024 06:00					0.0
13/04/2024 06:10					0.0
13/04/2024 06:20					0.0
13/04/2024 06:30					0.0
13/04/2024 06:40					0.0
13/04/2024 06:50	0.1	136	6	1.2	0.0
13/04/2024 07:00	0.0	159	2	0.6	0.0
13/04/2024 07:10	0.5	149	17	1.9	0.0
13/04/2024 07:20	0.7	159	24	2.2	0.0
13/04/2024 07:30	1.0	159	25	2.3	0.0
13/04/2024 07:40	1.2	142	22	2.3	0.0
13/04/2024 07:50	1.4	139	29	2.8	0.0
13/04/2024 08:00	1.4	140	26	2.8	0.0
13/04/2024 08:10	1.8	128	28	3.0	0.0
13/04/2024 08:20	1.2	127	30	2.6	0.0
13/04/2024 08:30	1.7	139	26	3.0	0.0
13/04/2024 08:40	1.7	137	27	2.9	0.0
13/04/2024 08:50	1.2	128	33	2.6	0.0
13/04/2024 09:00	1.7	115	29	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 09:10	1.5	122	30	2.7	0.0
13/04/2024 09:20	1.3	112	27	2.6	0.0
13/04/2024 09:30	1.2	113	29	2.7	0.0
13/04/2024 09:40	1.5	107	30	2.8	0.0
13/04/2024 09:50	1.5	120	36	2.8	0.0
13/04/2024 10:00	1.3	127	35	2.6	0.0
13/04/2024 10:10	1.6	130	27	2.9	0.0
13/04/2024 10:20	1.7	120	32	3.0	0.0
13/04/2024 10:30	1.0	135	28	2.5	0.0
13/04/2024 10:40	1.0	137	27	2.6	0.0
13/04/2024 10:50	1.4	113	28	2.9	0.0
13/04/2024 11:00	0.9	124	27	2.4	0.0
13/04/2024 11:10	0.7	92	14	1.7	0.0
13/04/2024 11:20	0.7	82	20	2.2	0.0
13/04/2024 11:30	0.5	111	20	1.9	0.0
13/04/2024 11:40	0.2	145	21	1.4	0.0
13/04/2024 11:50	0.3	332	26	2.2	0.0
13/04/2024 12:00	1.3	311	26	3.0	0.0
13/04/2024 12:10	1.7	333	32	2.9	0.0
13/04/2024 12:20	0.6	146	23	2.4	0.0
13/04/2024 12:30	0.8	248	25	2.4	0.0
13/04/2024 12:40	0.9	153	31	2.4	0.0
13/04/2024 12:50	0.1	236	5	1.6	0.0
13/04/2024 13:00	2.2	327	30	3.5	0.0
13/04/2024 13:10	1.3	351	40	2.7	0.0
13/04/2024 13:20	0.4	291	22	2.0	0.0
13/04/2024 13:30	1.0	294	21	2.8	0.0
13/04/2024 13:40	1.5	307	36	3.3	0.0
13/04/2024 13:50	1.7	260	36	3.6	0.0
13/04/2024 14:00	1.9	341	28	3.3	0.0
13/04/2024 14:10	1.3	281	43	3.3	0.0
13/04/2024 14:20	1.2	297	34	3.4	0.0
13/04/2024 14:30	2.0	314	36	3.0	0.0
13/04/2024 14:40	1.7	320	31	3.3	0.0
13/04/2024 14:50	2.2	339	23	3.8	0.0
13/04/2024 15:00	2.0	311	30	4.2	0.0
13/04/2024 15:10	1.8	294	42	3.4	0.0
13/04/2024 15:20	2.0	305	34	3.6	0.0
13/04/2024 15:30	1.9	318	33	3.8	0.0
13/04/2024 15:40	2.3	329	23	4.0	0.0
13/04/2024 15:50	2.3	319	33	3.6	0.0
13/04/2024 16:00	1.6	279	38	3.1	0.0
13/04/2024 16:10	2.0	319	32	3.8	0.0
13/04/2024 16:20	2.4	328	24	3.5	0.0
13/04/2024 16:30	1.7	315	31	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 16:40	2.3	324	26	3.8	0.0
13/04/2024 16:50	1.9	315	25	3.2	0.0
13/04/2024 17:00	2.1	308	33	3.6	0.0
13/04/2024 17:10	2.1	313	33	3.5	0.0
13/04/2024 17:20	2.2	321	20	3.6	0.0
13/04/2024 17:30	1.9	321	31	3.4	0.0
13/04/2024 17:40	1.9	303	28	3.6	0.0
13/04/2024 17:50	1.9	309	35	3.2	0.0
13/04/2024 18:00	1.5	297	47	3.2	0.0
13/04/2024 18:10	2.1	325	23	3.2	0.0
13/04/2024 18:20	1.5	319	26	2.6	0.0
13/04/2024 18:30	0.8	316	28	2.0	0.0
13/04/2024 18:40	0.6	177	22	1.9	0.0
13/04/2024 18:50	1.0	42	29	1.9	0.0
13/04/2024 19:00	0.4	26	26	1.2	0.0
13/04/2024 19:10	0.4	282	11	1.2	0.0
13/04/2024 19:20	0.6	295	21	1.5	0.0
13/04/2024 19:30					0.0
13/04/2024 19:40					0.0
13/04/2024 19:50					0.0
13/04/2024 20:00					0.0
13/04/2024 20:10					0.0
13/04/2024 20:20	0.8	273	17	2.4	0.0
13/04/2024 20:30	1.2	253	24	1.7	0.0
13/04/2024 20:40	1.2	254	18	2.0	0.0
13/04/2024 20:50	1.4	249	18	2.1	0.0
13/04/2024 21:00	2.1	249	14	3.1	0.0
13/04/2024 21:10	2.7	251	13	3.7	0.0
13/04/2024 21:20	1.8	261	17	2.8	0.0
13/04/2024 21:30	1.3	274	19	2.0	0.0
13/04/2024 21:40	1.7	274	19	2.7	0.0
13/04/2024 21:50	1.9	269	19	2.8	0.0
13/04/2024 22:00	1.8	263	19	2.8	0.0
13/04/2024 22:10	1.9	262	17	2.8	0.0
13/04/2024 22:20	2.1	259	17	3.2	0.0
13/04/2024 22:30	1.9	256	18	3.1	0.0
13/04/2024 22:40	2.3	256	16	3.2	0.0
13/04/2024 22:50	2.0	256	15	2.7	0.0
13/04/2024 23:00	2.5	256	18	3.6	0.0
13/04/2024 23:10	2.4	254	17	3.6	0.0
13/04/2024 23:20	1.7	253	15	2.3	0.0
13/04/2024 23:30	1.9	255	20	2.8	0.0
13/04/2024 23:40	2.0	248	17	3.1	0.0
13/04/2024 23:50	2.0	254	17	3.2	0.0
14/04/2024 00:00	2.1	249	16	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 00:10	2.2	243	17	3.4	0.0
14/04/2024 00:20	2.1	231	17	3.1	0.0
14/04/2024 00:30	2.1	236	18	3.2	0.0
14/04/2024 00:40	2.4	231	18	3.5	0.0
14/04/2024 00:50	2.3	227	17	3.6	0.0
14/04/2024 01:00	2.7	229	15	3.8	0.0
14/04/2024 01:10	1.7	237	18	2.8	0.0
14/04/2024 01:20	1.7	233	17	2.5	0.0
14/04/2024 01:30	1.8	230	16	3.1	0.0
14/04/2024 01:40	2.0	233	13	3.2	0.0
14/04/2024 01:50	2.2	231	14	3.4	0.0
14/04/2024 02:00	2.3	235	13	3.3	0.0
14/04/2024 02:10	2.0	230	14	3.2	0.0
14/04/2024 02:20	1.9	230	17	2.8	0.0
14/04/2024 02:30	1.8	236	15	2.8	0.0
14/04/2024 02:40	2.5	238	15	3.7	0.0
14/04/2024 02:50	2.5	240	15	3.6	0.0
14/04/2024 03:00	2.0	242	18	3.2	0.0
14/04/2024 03:10	2.3	242	16	3.9	0.0
14/04/2024 03:20	2.7	240	17	4.0	0.0
14/04/2024 03:30	2.5	241	16	3.4	0.0
14/04/2024 03:40	2.6	243	17	3.7	0.0
14/04/2024 03:50	2.5	248	16	3.4	0.0
14/04/2024 04:00	2.3	241	18	3.4	0.0
14/04/2024 04:10	2.5	243	18	3.6	0.0
14/04/2024 04:20	2.5	245	14	3.6	0.0
14/04/2024 04:30	2.5	245	16	3.7	0.0
14/04/2024 04:40	2.3	246	16	3.7	0.0
14/04/2024 04:50	2.5	244	15	3.7	0.0
14/04/2024 05:00	2.5	245	17	3.4	0.0
14/04/2024 05:10	2.5	242	16	3.6	0.0
14/04/2024 05:20	2.3	245	15	3.6	0.0
14/04/2024 05:30	1.8	237	18	2.8	0.0
14/04/2024 05:40	1.6	238	20	2.5	0.0
14/04/2024 05:50	1.5	243	21	2.1	0.0
14/04/2024 06:00	1.2	232	18	2.3	0.0
14/04/2024 06:10	1.7	242	17	2.9	0.0
14/04/2024 06:20	1.3	245	19	2.2	0.0
14/04/2024 06:30	0.7	199	15	1.4	0.0
14/04/2024 06:40	1.0	225	17	2.0	0.0
14/04/2024 06:50	0.8	220	19	1.6	0.0
14/04/2024 07:00	0.2	196	10	1.4	0.0
14/04/2024 07:10	0.6	231	17	2.0	0.0
14/04/2024 07:20	1.5	233	19	2.2	0.0
14/04/2024 07:30	1.4	238	20	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 07:40	0.3	246	13	1.4	0.0
14/04/2024 07:50					0.0
14/04/2024 08:00	1.5	238	20	2.4	0.0
14/04/2024 08:10	0.3	246	14	1.3	0.0
14/04/2024 08:20	0.5	220	9	2.0	0.0
14/04/2024 08:30					0.0
14/04/2024 08:40	1.6	245	19	2.9	0.0
14/04/2024 08:50	1.4	222	22	2.8	0.0
14/04/2024 09:00	0.3	220	11	1.4	0.0
14/04/2024 09:10	0.6	236	12	2.4	0.0
14/04/2024 09:20	1.5	231	30	3.0	0.0
14/04/2024 09:30	1.3	260	17	2.7	0.0
14/04/2024 09:40	0.8	256	14	2.2	0.0
14/04/2024 09:50	0.2	215	8	1.9	0.0
14/04/2024 10:00	0.0	113	3	0.9	0.0
14/04/2024 10:10					0.0
14/04/2024 10:20	0.8	333	21	2.5	0.0
14/04/2024 10:30	0.5	308	20	2.3	0.0
14/04/2024 10:40	1.6	331	34	2.8	0.0
14/04/2024 10:50	1.1	16	23	2.4	0.0
14/04/2024 11:00	1.0	356	27	2.9	0.0
14/04/2024 11:10	0.9	308	25	2.6	0.0
14/04/2024 11:20	0.9	299	25	2.8	0.0
14/04/2024 11:30	1.2	279	31	2.9	0.0
14/04/2024 11:40	0.9	345	22	3.7	0.0
14/04/2024 11:50	0.9	331	14	2.8	0.0
14/04/2024 12:00	1.7	318	27	3.3	0.0
14/04/2024 12:10	1.1	291	22	2.7	0.0
14/04/2024 12:20	1.9	320	29	3.7	0.0
14/04/2024 12:30	1.4	306	35	3.4	0.0
14/04/2024 12:40	2.1	329	33	3.5	0.0
14/04/2024 12:50	2.0	164	33	3.5	0.0
14/04/2024 13:00	1.7	185	35	3.2	0.0
14/04/2024 13:10	1.8	19	30	3.3	0.0
14/04/2024 13:20	2.1	7	31	3.8	0.0
14/04/2024 13:30	2.0	7	25	3.4	0.0
14/04/2024 13:40	1.9	8	25	3.2	0.0
14/04/2024 13:50	2.0	13	32	3.3	0.0
14/04/2024 14:00	1.7	180	32	3.2	0.0
14/04/2024 14:10	1.3	351	33	3.8	0.0
14/04/2024 14:20	1.9	13	36	3.5	0.0
14/04/2024 14:30	1.7	328	33	4.0	0.0
14/04/2024 14:40	2.7	337	25	4.4	0.0
14/04/2024 14:50	2.1	327	32	3.7	0.0
14/04/2024 15:00	2.3	322	32	3.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 15:10	1.9	306	37	3.6	0.0
14/04/2024 15:20	2.1	318	31	3.6	0.0
14/04/2024 15:30	1.7	308	33	3.5	0.0
14/04/2024 15:40	2.4	327	30	4.3	0.0
14/04/2024 15:50	2.7	334	29	4.2	0.0
14/04/2024 16:00	2.6	327	33	4.4	0.0
14/04/2024 16:10	2.9	316	23	4.5	0.0
14/04/2024 16:20	2.6	320	27	3.8	0.0
14/04/2024 16:30	2.6	319	33	4.5	0.0
14/04/2024 16:40	3.0	319	22	4.7	0.0
14/04/2024 16:50	2.9	325	24	4.5	0.0
14/04/2024 17:00	2.6	335	33	4.2	0.0
14/04/2024 17:10	2.0	336	39	3.9	0.0
14/04/2024 17:20	2.1	309	30	3.6	0.0
14/04/2024 17:30	2.1	316	30	3.6	0.0
14/04/2024 17:40	2.0	315	38	3.3	0.0
14/04/2024 17:50	2.1	315	31	3.5	0.0
14/04/2024 18:00	1.6	312	38	3.2	0.0
14/04/2024 18:10	1.7	292	43	2.9	0.0
14/04/2024 18:20	1.6	294	40	3.1	0.0
14/04/2024 18:30	1.5	292	36	2.8	0.0
14/04/2024 18:40	1.3	276	44	2.7	0.0
14/04/2024 18:50	1.3	271	39	2.4	0.0
14/04/2024 19:00	1.4	266	36	2.3	0.0
14/04/2024 19:10	1.3	268	38	2.9	0.0
14/04/2024 19:20	0.9	253	29	2.6	0.0
14/04/2024 19:30	1.5	261	34	2.5	0.0
14/04/2024 19:40	1.4	269	37	2.4	0.0
14/04/2024 19:50	1.4	259	33	2.1	0.0
14/04/2024 20:00	1.2	263	36	2.2	0.0
14/04/2024 20:10	1.2	262	36	2.4	0.0
14/04/2024 20:20	0.5	261	17	2.1	0.0
14/04/2024 20:30	0.9	271	28	2.0	0.0
14/04/2024 20:40	0.9	268	40	1.6	0.0
14/04/2024 20:50	0.8	267	30	2.2	0.0
14/04/2024 21:00	0.4	283	17	2.4	0.0
14/04/2024 21:10	1.1	277	35	2.1	0.0
14/04/2024 21:20	0.6	290	26	1.6	0.0
14/04/2024 21:30	0.8	272	22	2.1	0.0
14/04/2024 21:40	0.7	261	26	2.1	0.0
14/04/2024 21:50	0.1	278	7	0.8	0.0
14/04/2024 22:00	0.7	262	23	2.0	0.0
14/04/2024 22:10	0.7	258	27	2.0	0.0
14/04/2024 22:20	0.7	266	29	1.4	0.0
14/04/2024 22:30	0.4	293	27	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 22:40					0.0
14/04/2024 22:50	0.1	276	12	1.2	0.0
14/04/2024 23:00	0.2	306	10	1.9	0.0
14/04/2024 23:10	0.4	289	26	1.6	0.0
14/04/2024 23:20	0.6	280	31	1.7	0.0
14/04/2024 23:30	0.8	262	38	1.6	0.0
14/04/2024 23:40	0.4	262	18	1.3	0.0
14/04/2024 23:50	0.1	275	6	1.1	0.0
15/04/2024 00:00	0.5	260	26	1.6	0.0
15/04/2024 00:10	1.1	270	28	2.3	0.0
15/04/2024 00:20	0.8	283	26	2.5	0.0
15/04/2024 00:30	0.9	259	17	2.2	0.0
15/04/2024 00:40	1.3	269	29	2.8	0.0
15/04/2024 00:50	1.6	253	20	3.0	0.0
15/04/2024 01:00	1.4	255	22	2.3	0.0
15/04/2024 01:10	1.3	261	24	2.4	0.0
15/04/2024 01:20	0.9	267	16	2.1	0.0
15/04/2024 01:30	1.3	259	21	2.3	0.0
15/04/2024 01:40	1.5	268	20	2.6	0.0
15/04/2024 01:50	1.8	258	19	2.8	0.0
15/04/2024 02:00	1.3	277	17	2.1	0.0
15/04/2024 02:10	1.2	285	24	2.0	0.0
15/04/2024 02:20	0.8	286	17	1.7	0.0
15/04/2024 02:30	0.8	280	18	1.6	0.0
15/04/2024 02:40	1.3	276	27	2.1	0.0
15/04/2024 02:50	1.5	263	21	2.3	0.0
15/04/2024 03:00	1.1	268	20	2.1	0.0
15/04/2024 03:10	1.2	287	21	1.9	0.0
15/04/2024 03:20	0.3	283	8	1.6	0.0
15/04/2024 03:30	1.1	294	15	1.7	0.0
15/04/2024 03:40	0.2	291	10	1.6	0.0
15/04/2024 03:50	1.2	278	20	2.7	0.0
15/04/2024 04:00	1.8	247	14	2.6	0.0
15/04/2024 04:10	1.8	248	12	2.5	0.0
15/04/2024 04:20	1.7	247	14	2.5	0.0
15/04/2024 04:30	1.4	250	13	1.8	0.0
15/04/2024 04:40	1.3	256	11	1.9	0.0
15/04/2024 04:50	0.1	271	3	0.9	0.0
15/04/2024 05:00					0.0
15/04/2024 05:10					0.0
15/04/2024 05:20					0.0
15/04/2024 05:30					0.0
15/04/2024 05:40					0.0
15/04/2024 05:50					0.0
15/04/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 06:10					0.0
15/04/2024 06:20					0.0
15/04/2024 06:30					0.0
15/04/2024 06:40					0.0
15/04/2024 06:50					0.0
15/04/2024 07:00					0.0
15/04/2024 07:10					0.0
15/04/2024 07:20					0.0
15/04/2024 07:30					0.0
15/04/2024 07:40					0.0
15/04/2024 07:50					0.0
15/04/2024 08:00					0.0
15/04/2024 08:10					0.0
15/04/2024 08:20					0.0
15/04/2024 08:30					0.0
15/04/2024 08:40	0.0	136	5	0.8	0.0
15/04/2024 08:50	0.2	135	8	1.6	0.0
15/04/2024 09:00					0.0
15/04/2024 09:10					0.0
15/04/2024 09:20					0.0
15/04/2024 09:30	0.0	103	2	0.4	0.0
15/04/2024 09:40					0.0
15/04/2024 09:50					0.0
15/04/2024 10:00					0.0
15/04/2024 10:10	0.1	129	4	1.3	0.0
15/04/2024 10:20	0.0	139	2	0.5	0.0
15/04/2024 10:30	0.2	113	7	1.6	0.0
15/04/2024 10:40	0.0	117	2	0.6	0.0
15/04/2024 10:50					0.0
15/04/2024 11:00	0.2	87	5	1.5	0.0
15/04/2024 11:10	0.3	71	7	2.8	0.0
15/04/2024 11:20	0.5	298	31	2.2	0.0
15/04/2024 11:30	0.5	185	27	2.7	0.0
15/04/2024 11:40	0.4	167	14	2.4	0.0
15/04/2024 11:50	0.3	15	25	2.4	0.0
15/04/2024 12:00	0.9	317	20	2.9	0.0
15/04/2024 12:10	1.1	327	28	2.6	0.0
15/04/2024 12:20	1.1	336	29	2.8	0.0
15/04/2024 12:30	1.4	293	34	2.7	0.0
15/04/2024 12:40	1.2	312	37	3.0	0.0
15/04/2024 12:50	1.2	340	32	2.8	0.0
15/04/2024 13:00	1.2	335	20	3.0	0.0
15/04/2024 13:10	1.5	325	34	3.6	0.0
15/04/2024 13:20	1.7	319	26	3.2	0.0
15/04/2024 13:30	1.3	332	27	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 13:40	1.7	339	36	3.4	0.0
15/04/2024 13:50	1.6	338	36	3.1	0.0
15/04/2024 14:00	1.8	175	29	3.6	0.0
15/04/2024 14:10	1.8	354	30	3.6	0.0
15/04/2024 14:20	2.0	343	31	4.0	0.0
15/04/2024 14:30	1.6	353	32	3.4	0.0
15/04/2024 14:40	2.0	357	28	3.7	0.0
15/04/2024 14:50	2.0	335	37	3.9	0.0
15/04/2024 15:00	2.4	336	27	4.2	0.0
15/04/2024 15:10	2.1	353	29	4.1	0.0
15/04/2024 15:20	2.1	344	32	4.0	0.0
15/04/2024 15:30	1.9	320	33	3.4	0.0
15/04/2024 15:40	2.5	324	27	4.1	0.0
15/04/2024 15:50	2.1	351	31	3.6	0.0
15/04/2024 16:00	2.0	338	32	3.9	0.0
15/04/2024 16:10	1.5	331	29	3.1	0.0
15/04/2024 16:20	2.1	334	30	3.2	0.0
15/04/2024 16:30	1.9	319	35	3.3	0.0
15/04/2024 16:40	2.2	324	33	3.6	0.0
15/04/2024 16:50	1.3	318	28	2.6	0.0
15/04/2024 17:00	1.7	301	48	3.2	0.0
15/04/2024 17:10	1.5	281	52	2.8	0.0
15/04/2024 17:20	1.4	294	51	2.8	0.0
15/04/2024 17:30	1.5	257	46	2.8	0.0
15/04/2024 17:40	1.7	266	31	3.0	0.0
15/04/2024 17:50	1.6	264	37	2.3	0.0
15/04/2024 18:00	1.7	262	27	2.4	0.0
15/04/2024 18:10	1.3	261	38	2.3	0.0
15/04/2024 18:20	1.7	265	25	2.5	0.0
15/04/2024 18:30	1.5	264	26	2.6	0.0
15/04/2024 18:40	1.2	270	33	2.0	0.0
15/04/2024 18:50	1.2	276	35	1.9	0.0
15/04/2024 19:00	1.4	257	24	2.4	0.0
15/04/2024 19:10	1.6	260	27	2.4	0.0
15/04/2024 19:20	1.7	257	21	2.4	0.0
15/04/2024 19:30	1.3	258	30	2.0	0.0
15/04/2024 19:40	1.1	262	27	2.3	0.0
15/04/2024 19:50	1.3	260	15	2.0	0.0
15/04/2024 20:00	1.5	254	17	2.5	0.0
15/04/2024 20:10	1.2	253	19	2.0	0.0
15/04/2024 20:20	1.3	256	18	1.9	0.0
15/04/2024 20:30	1.2	252	20	2.0	0.0
15/04/2024 20:40	1.2	246	8	1.6	0.0
15/04/2024 20:50	1.1	244	9	1.5	0.0
15/04/2024 21:00	1.0	256	13	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 21:10	1.2	252	12	1.6	0.0
15/04/2024 21:20	1.1	253	10	1.6	0.0
15/04/2024 21:30	1.2	265	12	1.8	0.0
15/04/2024 21:40	1.4	255	12	2.0	0.0
15/04/2024 21:50	1.7	259	17	2.2	0.0
15/04/2024 22:00	1.7	260	14	2.4	0.0
15/04/2024 22:10	1.7	257	11	2.1	0.0
15/04/2024 22:20	1.9	255	11	2.7	0.0
15/04/2024 22:30	1.7	265	14	2.5	0.0
15/04/2024 22:40	1.6	277	13	2.2	0.0
15/04/2024 22:50	1.6	277	14	2.4	0.0
15/04/2024 23:00	1.3	269	14	2.0	0.0
15/04/2024 23:10	1.0	247	22	1.7	0.0
15/04/2024 23:20	1.3	253	23	2.1	0.0
15/04/2024 23:30	0.6	253	12	1.3	0.0
15/04/2024 23:40	0.3	262	10	1.1	0.0
15/04/2024 23:50	0.5	255	19	1.2	0.0
16/04/2024 00:00	0.2	239	6	0.9	0.0
16/04/2024 00:10	0.4	265	14	1.2	0.0
16/04/2024 00:20	1.3	267	19	2.5	0.0
16/04/2024 00:30	1.9	258	14	2.8	0.0
16/04/2024 00:40	2.3	257	12	3.2	0.0
16/04/2024 00:50	2.1	258	13	3.1	0.0
16/04/2024 01:00	1.8	260	14	2.4	0.0
16/04/2024 01:10	1.7	256	14	2.4	0.0
16/04/2024 01:20	2.2	248	13	3.1	0.0
16/04/2024 01:30	2.2	246	14	3.2	0.0
16/04/2024 01:40	1.9	261	16	2.6	0.0
16/04/2024 01:50	1.8	265	15	2.6	0.0
16/04/2024 02:00	1.9	260	14	2.6	0.0
16/04/2024 02:10	2.2	256	14	3.2	0.0
16/04/2024 02:20	2.0	262	15	2.8	0.0
16/04/2024 02:30	1.5	271	18	2.5	0.0
16/04/2024 02:40	1.5	276	17	2.4	0.0
16/04/2024 02:50	1.4	273	20	2.2	0.0
16/04/2024 03:00	1.6	266	15	2.7	0.0
16/04/2024 03:10	1.6	265	16	2.3	0.0
16/04/2024 03:20	1.3	270	16	2.1	0.0
16/04/2024 03:30	0.9	283	18	1.7	0.0
16/04/2024 03:40	1.5	262	22	3.1	0.0
16/04/2024 03:50	1.9	225	17	3.2	0.0
16/04/2024 04:00	2.5	235	16	3.6	0.0
16/04/2024 04:10	2.3	247	18	3.2	0.0
16/04/2024 04:20	2.2	244	16	3.2	0.0
16/04/2024 04:30	2.3	242	15	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 04:40	1.9	249	16	2.8	0.0
16/04/2024 04:50	1.9	251	19	2.6	0.0
16/04/2024 05:00	2.1	245	16	3.1	0.0
16/04/2024 05:10	1.8	247	15	2.6	0.0
16/04/2024 05:20	2.3	246	15	3.6	0.0
16/04/2024 05:30	2.4	247	15	3.4	0.0
16/04/2024 05:40	2.5	242	15	3.6	0.0
16/04/2024 05:50	2.5	244	16	3.4	0.0
16/04/2024 06:00	2.3	244	18	3.5	0.0
16/04/2024 06:10	2.3	243	16	3.5	0.0
16/04/2024 06:20	1.2	231	22	1.9	0.0
16/04/2024 06:30	1.1	233	22	2.2	0.0
16/04/2024 06:40	1.5	235	19	2.4	0.0
16/04/2024 06:50	2.0	246	17	3.2	0.0
16/04/2024 07:00	2.3	241	17	3.5	0.0
16/04/2024 07:10	2.0	244	18	3.3	0.0
16/04/2024 07:20	2.0	230	18	3.2	0.0
16/04/2024 07:30	2.3	219	17	3.2	0.0
16/04/2024 07:40	2.8	220	15	3.9	0.0
16/04/2024 07:50	2.4	220	19	3.8	0.0
16/04/2024 08:00	2.9	219	16	4.3	0.0
16/04/2024 08:10	3.0	219	17	4.2	0.0
16/04/2024 08:20	3.6	212	15	5.0	0.0
16/04/2024 08:30	3.3	218	18	5.0	0.0
16/04/2024 08:40	3.5	223	16	5.0	0.0
16/04/2024 08:50	3.6	213	16	4.8	0.0
16/04/2024 09:00	3.6	212	15	5.0	0.0
16/04/2024 09:10	3.2	216	19	4.8	0.0
16/04/2024 09:20	3.3	197	18	4.5	0.0
16/04/2024 09:30	3.1	207	20	4.6	0.0
16/04/2024 09:40	3.0	217	18	4.4	0.0
16/04/2024 09:50	3.0	221	22	4.7	0.0
16/04/2024 10:00	2.9	243	21	4.2	0.0
16/04/2024 10:10	3.1	207	19	5.1	0.0
16/04/2024 10:20	3.2	202	18	4.8	0.0
16/04/2024 10:30	3.3	208	24	5.2	0.0
16/04/2024 10:40	2.8	211	24	4.4	0.0
16/04/2024 10:50	2.4	251	25	4.0	0.0
16/04/2024 11:00	2.6	260	21	3.6	0.0
16/04/2024 11:10	2.6	252	22	4.0	0.0
16/04/2024 11:20	2.9	258	23	4.2	0.0
16/04/2024 11:30	2.8	251	23	4.4	0.0
16/04/2024 11:40	3.4	244	16	4.8	0.0
16/04/2024 11:50	2.9	243	19	4.3	0.0
16/04/2024 12:00	3.4	234	20	4.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 12:10	3.0	256	16	4.2	0.0
16/04/2024 12:20	3.2	253	18	4.5	0.0
16/04/2024 12:30	3.0	255	17	4.4	0.0
16/04/2024 12:40	3.1	249	14	4.4	0.0
16/04/2024 12:50	3.1	242	19	4.5	0.0
16/04/2024 13:00	3.2	235	16	4.3	0.0
16/04/2024 13:10	3.2	244	17	4.3	0.0
16/04/2024 13:20	3.1	245	15	4.8	0.0
16/04/2024 13:30	2.8	256	21	4.2	0.0
16/04/2024 13:40	3.1	249	18	4.4	0.0
16/04/2024 13:50	3.0	242	20	4.0	0.0
16/04/2024 14:00	3.5	235	13	4.8	0.0
16/04/2024 14:10	3.4	245	16	4.8	0.0
16/04/2024 14:20	3.4	254	18	5.0	0.0
16/04/2024 14:30	3.1	251	19	4.6	0.0
16/04/2024 14:40	3.4	246	15	4.7	0.0
16/04/2024 14:50	3.4	246	16	4.9	0.0
16/04/2024 15:00	3.4	248	15	4.8	0.0
16/04/2024 15:10	3.3	248	15	4.5	0.0
16/04/2024 15:20	3.1	248	17	4.5	0.0
16/04/2024 15:30	3.3	245	16	4.8	0.0
16/04/2024 15:40	3.5	249	17	4.8	0.0
16/04/2024 15:50	3.3	253	16	4.5	0.0
16/04/2024 16:00	3.6	251	14	4.8	0.0
16/04/2024 16:10	3.4	247	14	4.4	0.0
16/04/2024 16:20	3.5	249	13	4.9	0.0
16/04/2024 16:30	3.6	249	11	4.5	0.0
16/04/2024 16:40	3.1	252	14	4.3	0.0
16/04/2024 16:50	2.9	252	15	4.3	0.0
16/04/2024 17:00	2.8	251	15	4.4	0.0
16/04/2024 17:10	2.7	255	12	3.9	0.0
16/04/2024 17:20	2.7	257	13	3.6	0.0
16/04/2024 17:30	2.8	262	14	4.3	0.0
16/04/2024 17:40	2.8	255	17	4.4	0.0
16/04/2024 17:50	2.7	261	15	3.6	0.0
16/04/2024 18:00	2.5	257	16	3.6	0.0
16/04/2024 18:10	2.7	260	13	4.3	0.0
16/04/2024 18:20	2.6	260	17	4.0	0.0
16/04/2024 18:30	2.4	262	13	3.2	0.0
16/04/2024 18:40	2.5	260	14	3.5	0.0
16/04/2024 18:50	2.5	264	13	3.9	0.0
16/04/2024 19:00	2.4	263	13	3.3	0.0
16/04/2024 19:10	2.7	262	14	4.0	0.0
16/04/2024 19:20	2.6	268	16	3.8	0.0
16/04/2024 19:30	2.3	269	16	3.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 19:40	2.5	269	15	3.8	0.0
16/04/2024 19:50	2.5	271	17	3.7	0.0
16/04/2024 20:00	2.1	266	15	3.4	0.0
16/04/2024 20:10	2.2	261	18	3.3	0.0
16/04/2024 20:20	2.4	266	18	3.8	0.0
16/04/2024 20:30	2.2	272	19	3.5	0.0
16/04/2024 20:40	2.2	269	16	3.1	0.0
16/04/2024 20:50	2.1	269	17	3.5	0.0
16/04/2024 21:00	2.1	265	16	3.1	0.0
16/04/2024 21:10	2.0	268	17	3.3	0.0
16/04/2024 21:20	1.8	269	17	2.6	0.0
16/04/2024 21:30	2.2	267	16	3.5	0.0
16/04/2024 21:40	2.5	262	16	3.8	0.0
16/04/2024 21:50	2.5	265	16	3.4	0.0
16/04/2024 22:00	2.5	264	16	3.8	0.0
16/04/2024 22:10	2.6	266	16	3.7	0.0
16/04/2024 22:20	2.6	262	15	3.8	0.0
16/04/2024 22:30	1.6	243	22	2.8	0.0
16/04/2024 22:40	0.6	244	11	1.5	0.0
16/04/2024 22:50	1.4	265	12	2.1	0.0
16/04/2024 23:00	1.1	258	10	1.5	0.0
16/04/2024 23:10	1.1	270	11	1.6	0.0
16/04/2024 23:20	1.5	269	16	2.2	0.0
16/04/2024 23:30	1.6	262	13	2.3	0.0
16/04/2024 23:40	1.7	265	13	2.4	0.0
16/04/2024 23:50	1.5	257	13	2.2	0.0
17/04/2024 00:00	1.3	264	14	1.9	0.0
17/04/2024 00:10	1.2	261	13	1.8	0.0
17/04/2024 00:20	1.3	257	10	1.7	0.0
17/04/2024 00:30	1.3	256	12	1.7	0.0
17/04/2024 00:40	1.2	253	9	1.4	0.0
17/04/2024 00:50	0.8	248	8	1.3	0.0
17/04/2024 01:00	0.9	248	12	1.3	0.0
17/04/2024 01:10	1.1	257	15	1.6	0.0
17/04/2024 01:20	1.4	241	18	2.4	0.0
17/04/2024 01:30	1.8	244	18	3.1	0.0
17/04/2024 01:40	1.9	247	16	2.6	0.0
17/04/2024 01:50	1.9	260	16	2.4	0.0
17/04/2024 02:00	2.1	265	15	2.8	0.0
17/04/2024 02:10	1.9	250	16	2.8	0.0
17/04/2024 02:20	1.9	252	14	2.7	0.0
17/04/2024 02:30	2.3	263	15	3.2	0.0
17/04/2024 02:40	2.0	258	15	2.9	0.0
17/04/2024 02:50	2.0	250	16	2.9	0.0
17/04/2024 03:00	2.0	259	15	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 03:10	1.8	255	15	2.6	0.0
17/04/2024 03:20	1.5	252	19	2.2	0.0
17/04/2024 03:30	1.4	253	17	2.2	0.0
17/04/2024 03:40	1.8	263	16	2.5	0.0
17/04/2024 03:50	1.8	258	16	2.8	0.0
17/04/2024 04:00	1.9	253	15	2.8	0.0
17/04/2024 04:10	1.9	247	17	2.5	0.0
17/04/2024 04:20	2.0	240	15	3.0	0.0
17/04/2024 04:30	2.0	241	14	2.8	0.0
17/04/2024 04:40	1.8	245	18	2.5	0.0
17/04/2024 04:50	1.7	237	17	3.0	0.0
17/04/2024 05:00	1.6	235	17	2.2	0.0
17/04/2024 05:10	1.2	235	18	1.8	0.0
17/04/2024 05:20	1.3	240	11	2.0	0.0
17/04/2024 05:30	1.5	238	13	2.0	0.0
17/04/2024 05:40	1.3	237	12	2.0	0.0
17/04/2024 05:50	1.3	230	13	2.2	0.0
17/04/2024 06:00	1.6	250	14	2.6	0.0
17/04/2024 06:10	1.8	256	13	2.6	0.0
17/04/2024 06:20	1.7	251	13	2.3	0.0
17/04/2024 06:30	1.4	260	11	1.9	0.0
17/04/2024 06:40	1.0	268	19	1.6	0.0
17/04/2024 06:50	0.4	270	15	1.2	0.0
17/04/2024 07:00	0.2	269	12	1.1	0.0
17/04/2024 07:10					0.0
17/04/2024 07:20					0.0
17/04/2024 07:30					0.0
17/04/2024 07:40					0.0
17/04/2024 07:50	0.2	177	5	1.1	0.0
17/04/2024 08:00	0.8	149	30	1.6	0.0
17/04/2024 08:10	0.7	138	28	1.4	0.0
17/04/2024 08:20	1.3	152	27	2.2	0.0
17/04/2024 08:30	1.4	142	27	2.7	0.0
17/04/2024 08:40	1.4	123	26	2.4	0.0
17/04/2024 08:50	1.7	138	26	2.7	0.0
17/04/2024 09:00	1.7	127	30	2.8	0.0
17/04/2024 09:10	1.5	103	29	2.6	0.0
17/04/2024 09:20	1.3	135	32	2.4	0.0
17/04/2024 09:30	1.4	132	31	2.8	0.0
17/04/2024 09:40	1.3	113	30	2.2	0.0
17/04/2024 09:50	1.2	130	30	2.3	0.0
17/04/2024 10:00	1.3	129	32	2.0	0.0
17/04/2024 10:10	1.4	131	28	2.4	0.0
17/04/2024 10:20	1.4	113	33	2.5	0.0
17/04/2024 10:30	1.8	86	21	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 10:40	2.3	67	22	4.0	0.0
17/04/2024 10:50	2.7	59	20	4.4	0.0
17/04/2024 11:00	2.5	57	21	4.7	0.0
17/04/2024 11:10	2.9	59	25	4.4	0.0
17/04/2024 11:20	2.9	51	24	4.4	0.0
17/04/2024 11:30	3.2	60	26	5.0	0.0
17/04/2024 11:40	2.9	64	26	4.8	0.0
17/04/2024 11:50	3.1	62	22	4.9	0.0
17/04/2024 12:00	2.9	58	19	5.4	0.0
17/04/2024 12:10	3.0	67	23	5.7	0.0
17/04/2024 12:20	3.3	61	26	5.6	0.0
17/04/2024 12:30	3.1	60	22	5.4	0.0
17/04/2024 12:40	3.5	53	23	6.0	0.0
17/04/2024 12:50	3.6	64	21	5.8	0.0
17/04/2024 13:00	3.6	53	19	6.3	0.0
17/04/2024 13:10	3.6	54	23	5.6	0.0
17/04/2024 13:20	3.4	56	22	5.1	0.0
17/04/2024 13:30	3.7	51	22	6.0	0.0
17/04/2024 13:40	3.3	54	21	5.2	0.0
17/04/2024 13:50	3.1	53	21	5.2	0.0
17/04/2024 14:00	3.7	57	20	5.8	0.0
17/04/2024 14:10	4.0	51	17	5.6	0.0
17/04/2024 14:20	3.7	57	23	5.7	0.0
17/04/2024 14:30	3.5	65	21	5.1	0.0
17/04/2024 14:40	3.4	65	19	5.2	0.0
17/04/2024 14:50	3.3	59	20	5.7	0.0
17/04/2024 15:00	3.7	48	23	5.7	0.0
17/04/2024 15:10	4.1	46	18	6.4	0.0
17/04/2024 15:20	3.7	49	24	5.6	0.0
17/04/2024 15:30	3.3	52	20	5.1	0.0
17/04/2024 15:40	2.6	58	20	4.0	0.0
17/04/2024 15:50	2.6	53	24	4.0	0.0
17/04/2024 16:00	2.4	41	20	3.7	0.0
17/04/2024 16:10	2.3	54	21	3.7	0.0
17/04/2024 16:20	2.4	42	19	3.8	0.0
17/04/2024 16:30	2.3	41	20	3.7	0.0
17/04/2024 16:40	2.6	33	22	4.3	0.0
17/04/2024 16:50	2.4	39	23	4.5	0.0
17/04/2024 17:00	2.1	40	20	3.3	0.0
17/04/2024 17:10	1.9	20	34	3.2	0.0
17/04/2024 17:20	2.5	15	22	4.1	0.0
17/04/2024 17:30	2.5	21	31	3.9	0.0
17/04/2024 17:40	2.6	24	30	4.4	0.0
17/04/2024 17:50	2.6	22	27	4.1	0.0
17/04/2024 18:00	2.7	23	23	4.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 18:10	2.4	27	25	3.6	0.0
17/04/2024 18:20	2.3	22	27	3.7	0.0
17/04/2024 18:30	2.4	25	26	4.2	0.0
17/04/2024 18:40	2.1	23	29	3.2	0.0
17/04/2024 18:50	2.2	18	26	3.6	0.0
17/04/2024 19:00	2.2	15	26	3.6	0.0
17/04/2024 19:10	1.8	12	28	2.8	0.0
17/04/2024 19:20	1.4	7	27	2.4	0.0
17/04/2024 19:30	1.7	8	27	2.8	0.0
17/04/2024 19:40	1.4	6	35	2.4	0.0
17/04/2024 19:50	1.2	178	29	2.3	0.0
17/04/2024 20:00	1.4	186	30	2.5	0.0
17/04/2024 20:10	1.6	177	25	2.4	0.0
17/04/2024 20:20	1.5	334	23	2.4	0.0
17/04/2024 20:30	1.5	344	26	2.5	0.0
17/04/2024 20:40	1.3	350	39	2.4	0.0
17/04/2024 20:50	0.6	189	23	1.2	0.0
17/04/2024 21:00	1.3	251	29	2.1	0.0
17/04/2024 21:10	1.0	259	15	1.7	0.0
17/04/2024 21:20					0.0
17/04/2024 21:30	0.4	300	14	0.8	0.0
17/04/2024 21:40	0.3	287	10	0.8	0.0
17/04/2024 21:50	0.2	308	9	0.6	0.0
17/04/2024 22:00	0.5	285	6	0.9	0.0
17/04/2024 22:10					0.0
17/04/2024 22:20	0.6	334	6	1.2	0.0
17/04/2024 22:30	0.0	318	0	0.4	0.0
17/04/2024 22:40	0.1	346	3	0.8	0.0
17/04/2024 22:50	0.0	244	0	0.4	0.0
17/04/2024 23:00	0.8	238	5	1.6	0.0
17/04/2024 23:10	0.4	139	15	1.6	0.0
17/04/2024 23:20	0.3	35	6	0.8	0.0
17/04/2024 23:30	0.2	188	15	0.9	0.0
17/04/2024 23:40	0.7	165	13	1.1	0.0
17/04/2024 23:50	0.5	182	16	1.1	0.0
18/04/2024 00:00	0.6	347	16	1.1	0.0
18/04/2024 00:10	0.6	171	13	1.0	0.0
18/04/2024 00:20	0.8	185	15	1.2	0.0
18/04/2024 00:30	0.5	349	12	1.1	0.0
18/04/2024 00:40	0.8	176	14	1.1	0.0
18/04/2024 00:50	0.9	172	14	1.2	0.0
18/04/2024 01:00	0.8	174	15	1.3	0.0
18/04/2024 01:10	0.7	176	14	1.2	0.0
18/04/2024 01:20	1.1	336	15	1.4	0.0
18/04/2024 01:30	1.1	343	13	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 01:40	0.9	339	12	1.4	0.0
18/04/2024 01:50	0.7	349	13	1.3	0.0
18/04/2024 02:00	0.3	346	14	1.2	0.0
18/04/2024 02:10	0.5	181	6	1.0	0.0
18/04/2024 02:20	0.3	14	8	0.8	0.0
18/04/2024 02:30	0.3	287	17	0.9	0.0
18/04/2024 02:40					0.0
18/04/2024 02:50	0.3	337	5	0.9	0.0
18/04/2024 03:00	0.5	182	6	1.5	0.0
18/04/2024 03:10	0.4	349	10	1.4	0.0
18/04/2024 03:20	0.9	347	10	1.5	0.0
18/04/2024 03:30	0.7	345	10	1.1	0.0
18/04/2024 03:40	0.7	318	16	1.2	0.0
18/04/2024 03:50	0.5	331	13	1.1	0.0
18/04/2024 04:00	0.3	181	13	0.9	0.0
18/04/2024 04:10	0.4	20	10	1.1	0.0
18/04/2024 04:20	0.8	349	15	1.2	0.0
18/04/2024 04:30	0.5	343	14	1.2	0.0
18/04/2024 04:40	0.7	178	14	1.1	0.0
18/04/2024 04:50	0.4	41	20	1.1	0.0
18/04/2024 05:00	0.4	43	17	0.9	0.0
18/04/2024 05:10	0.2	38	18	0.9	0.0
18/04/2024 05:20	0.3	36	23	0.8	0.0
18/04/2024 05:30	0.0	329	1	0.6	0.0
18/04/2024 05:40	0.3	61	31	1.2	0.0
18/04/2024 05:50	0.5	40	22	1.2	0.0
18/04/2024 06:00	0.1	59	15	0.7	0.0
18/04/2024 06:10	0.0	48	3	0.4	0.0
18/04/2024 06:20	0.2	76	32	0.9	0.0
18/04/2024 06:30	0.4	106	25	1.3	0.0
18/04/2024 06:40	0.9	85	28	1.9	0.0
18/04/2024 06:50	1.4	84	30	2.6	0.0
18/04/2024 07:00	1.6	95	27	2.8	0.0
18/04/2024 07:10	1.8	95	31	3.3	0.0
18/04/2024 07:20	2.0	99	28	3.0	0.0
18/04/2024 07:30	2.1	102	28	4.0	0.0
18/04/2024 07:40	2.3	102	34	4.1	0.0
18/04/2024 07:50	2.6	109	33	4.4	0.0
18/04/2024 08:00	2.8	111	33	4.7	0.0
18/04/2024 08:10	2.8	105	31	5.3	0.0
18/04/2024 08:20	2.5	105	34	4.8	0.0
18/04/2024 08:30	3.2	96	29	5.6	0.0
18/04/2024 08:40	3.7	103	25	6.5	0.0
18/04/2024 08:50	3.4	99	29	6.4	0.0
18/04/2024 09:00	3.6	103	33	6.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 09:10	3.6	104	31	6.0	0.0
18/04/2024 09:20	3.7	98	28	6.0	0.0
18/04/2024 09:30	3.6	94	32	6.9	0.0
18/04/2024 09:40	3.7	97	31	5.9	0.0
18/04/2024 09:50	3.4	94	30	6.0	0.0
18/04/2024 10:00	3.2	95	24	5.5	0.0
18/04/2024 10:10	3.6	89	26	5.5	0.0
18/04/2024 10:20	3.9	81	25	6.4	0.0
18/04/2024 10:30	4.4	83	23	6.4	0.0
18/04/2024 10:40	3.7	85	26	5.5	0.0
18/04/2024 10:50	3.1	87	25	5.0	0.0
18/04/2024 11:00	3.8	80	21	6.1	0.0
18/04/2024 11:10	4.1	91	28	6.4	0.0
18/04/2024 11:20	3.4	91	26	6.2	0.0
18/04/2024 11:30	3.3	84	25	5.2	0.0
18/04/2024 11:40	3.4	79	23	6.1	0.0
18/04/2024 11:50	2.8	81	27	4.8	0.0
18/04/2024 12:00	2.6	75	28	5.2	0.0
18/04/2024 12:10	3.1	65	23	5.5	0.0
18/04/2024 12:20	3.4	57	23	6.0	0.0
18/04/2024 12:30	3.4	58	21	5.5	0.0
18/04/2024 12:40	3.3	61	21	5.8	0.0
18/04/2024 12:50	3.5	55	20	6.0	0.0
18/04/2024 13:00	3.4	55	22	5.2	0.0
18/04/2024 13:10	3.6	54	20	5.6	0.0
18/04/2024 13:20	3.4	57	24	5.8	0.0
18/04/2024 13:30	3.1	69	20	5.4	0.0
18/04/2024 13:40	3.1	63	24	5.9	0.0
18/04/2024 13:50	3.7	62	24	6.4	0.0
18/04/2024 14:00	2.7	63	22	4.4	0.0
18/04/2024 14:10	3.0	58	21	5.1	0.0
18/04/2024 14:20	2.9	59	26	4.8	0.0
18/04/2024 14:30	2.4	67	22	4.7	0.0
18/04/2024 14:40	2.7	62	21	4.6	0.0
18/04/2024 14:50	2.7	54	22	4.8	0.0
18/04/2024 15:00	2.9	52	23	5.0	0.0
18/04/2024 15:10	2.7	56	23	4.8	0.0
18/04/2024 15:20	2.5	51	21	4.5	0.0
18/04/2024 15:30	2.4	54	24	3.9	0.0
18/04/2024 15:40	2.4	50	19	4.2	0.0
18/04/2024 15:50	2.5	52	20	4.3	0.0
18/04/2024 16:00	2.3	54	21	4.0	0.0
18/04/2024 16:10	2.3	53	22	4.0	0.0
18/04/2024 16:20	2.3	46	19	3.9	0.0
18/04/2024 16:30	2.3	54	19	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 16:40	2.1	54	20	3.6	0.0
18/04/2024 16:50	2.4	48	18	4.1	0.0
18/04/2024 17:00	2.1	45	18	3.6	0.0
18/04/2024 17:10	1.9	44	21	2.9	0.0
18/04/2024 17:20	2.0	42	19	3.6	0.0
18/04/2024 17:30	1.7	40	16	2.8	0.0
18/04/2024 17:40	1.1	45	15	2.8	0.0
18/04/2024 17:50	0.6	41	11	2.0	0.0
18/04/2024 18:00	1.7	39	19	2.9	0.0
18/04/2024 18:10	1.5	36	19	2.4	0.0
18/04/2024 18:20	1.5	34	18	2.5	0.0
18/04/2024 18:30	1.2	31	18	2.1	0.0
18/04/2024 18:40	1.0	31	18	1.7	0.0
18/04/2024 18:50	1.1	32	16	2.2	0.0
18/04/2024 19:00	0.8	25	14	1.6	0.0
18/04/2024 19:10	0.8	25	14	1.8	0.0
18/04/2024 19:20	0.3	28	10	1.2	0.0
18/04/2024 19:30					0.0
18/04/2024 19:40	0.1	24	9	0.9	0.0
18/04/2024 19:50	0.2	37	8	1.5	0.0
18/04/2024 20:00	0.2	30	10	1.0	0.0
18/04/2024 20:10	0.1	28	4	0.8	0.0
18/04/2024 20:20	0.0	34	1	0.4	0.0
18/04/2024 20:30	0.0	1	0	0.4	0.0
18/04/2024 20:40					0.0
18/04/2024 20:50					0.0
18/04/2024 21:00					0.0
18/04/2024 21:10	0.0	8	1	0.4	0.0
18/04/2024 21:20					0.0
18/04/2024 21:30					0.0
18/04/2024 21:40					0.0
18/04/2024 21:50	0.1	67	6	1.2	0.0
18/04/2024 22:00	0.0	85	1	0.6	0.0
18/04/2024 22:10	0.0	50	0	0.6	0.0
18/04/2024 22:20	0.5	100	18	2.3	0.0
18/04/2024 22:30	0.5	101	21	2.2	0.0
18/04/2024 22:40	0.7	108	23	2.6	0.0
18/04/2024 22:50	0.7	112	26	2.0	0.0
18/04/2024 23:00	0.8	114	34	2.8	0.0
18/04/2024 23:10	1.0	121	28	2.4	0.0
18/04/2024 23:20	0.5	118	22	2.0	0.0
18/04/2024 23:30	0.7	110	25	2.4	0.0
18/04/2024 23:40	0.6	121	24	2.4	0.0
18/04/2024 23:50	0.7	129	27	2.1	0.0
19/04/2024 00:00	0.7	127	22	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 00:10	0.1	149	9	0.8	0.0
19/04/2024 00:20	0.0	148	5	0.6	0.0
19/04/2024 00:30					0.0
19/04/2024 00:40	0.2	130	21	1.6	0.0
19/04/2024 00:50	1.0	128	28	2.3	0.0
19/04/2024 01:00	1.0	125	20	2.6	0.0
19/04/2024 01:10	1.9	116	30	4.2	0.0
19/04/2024 01:20	1.7	108	31	3.3	0.0
19/04/2024 01:30	1.4	112	32	2.8	0.0
19/04/2024 01:40	1.4	103	27	2.9	0.0
19/04/2024 01:50	2.1	106	32	3.9	0.0
19/04/2024 02:00	1.8	116	31	4.0	0.0
19/04/2024 02:10	1.8	110	30	3.5	0.0
19/04/2024 02:20	1.8	105	34	3.4	0.0
19/04/2024 02:30	1.7	107	30	3.9	0.0
19/04/2024 02:40	1.6	111	36	3.6	0.0
19/04/2024 02:50	1.0	118	32	2.9	0.0
19/04/2024 03:00	1.2	118	29	2.9	0.0
19/04/2024 03:10	1.4	123	35	3.1	0.0
19/04/2024 03:20	1.1	128	28	2.6	0.0
19/04/2024 03:30	1.1	124	28	2.7	0.0
19/04/2024 03:40	1.1	116	28	2.9	0.0
19/04/2024 03:50	1.3	112	30	2.5	0.0
19/04/2024 04:00	1.4	119	22	3.3	0.0
19/04/2024 04:10	1.2	124	29	2.4	0.0
19/04/2024 04:20	1.1	124	27	3.0	0.0
19/04/2024 04:30	1.4	122	32	3.5	0.0
19/04/2024 04:40	1.2	130	24	3.2	0.0
19/04/2024 04:50	1.2	129	26	2.9	0.0
19/04/2024 05:00	0.5	118	23	1.6	0.0
19/04/2024 05:10	1.4	123	28	4.0	0.0
19/04/2024 05:20	0.7	130	24	2.1	0.0
19/04/2024 05:30	0.3	118	14	2.0	0.0
19/04/2024 05:40	0.5	126	24	2.1	0.0
19/04/2024 05:50	1.2	122	22	3.2	0.0
19/04/2024 06:00	0.9	111	23	2.5	0.0
19/04/2024 06:10	1.1	116	34	2.6	0.0
19/04/2024 06:20	1.4	130	28	2.9	0.0
19/04/2024 06:30	1.1	117	28	2.9	0.0
19/04/2024 06:40	1.3	126	29	2.9	0.0
19/04/2024 06:50	1.3	127	32	3.1	0.0
19/04/2024 07:00	1.4	122	30	2.8	0.0
19/04/2024 07:10	1.3	120	29	2.8	0.0
19/04/2024 07:20	1.5	121	26	3.1	0.0
19/04/2024 07:30	1.9	116	33	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 07:40	1.8	115	36	4.4	0.0
19/04/2024 07:50	2.4	98	33	4.1	0.0
19/04/2024 08:00	2.6	109	32	4.8	0.0
19/04/2024 08:10	2.1	113	34	4.5	0.0
19/04/2024 08:20	2.6	120	34	5.0	0.0
19/04/2024 08:30	2.8	114	34	5.7	0.0
19/04/2024 08:40	2.8	104	32	5.3	0.0
19/04/2024 08:50	2.7	104	34	4.9	0.0
19/04/2024 09:00	3.2	97	29	5.5	0.0
19/04/2024 09:10	2.9	99	33	4.8	0.0
19/04/2024 09:20	2.9	99	24	5.0	0.0
19/04/2024 09:30	3.5	88	30	5.7	0.0
19/04/2024 09:40	3.1	91	24	5.2	0.0
19/04/2024 09:50	3.5	85	24	6.2	0.0
19/04/2024 10:00	3.4	88	26	6.4	0.0
19/04/2024 10:10	3.2	83	23	5.5	0.0
19/04/2024 10:20	3.2	80	29	5.2	0.0
19/04/2024 10:30	3.5	85	24	5.5	0.0
19/04/2024 10:40	3.2	92	28	5.1	0.0
19/04/2024 10:50	3.8	81	25	6.9	0.0
19/04/2024 11:00	4.2	80	20	7.1	0.0
19/04/2024 11:10	3.9	83	21	6.8	0.0
19/04/2024 11:20	3.9	74	24	6.5	0.0
19/04/2024 11:30	3.8	79	26	6.0	0.0
19/04/2024 11:40	3.1	78	25	5.1	0.0
19/04/2024 11:50	3.0	76	23	4.8	0.0
19/04/2024 12:00	3.4	85	26	5.6	0.0
19/04/2024 12:10	3.8	85	24	5.7	0.0
19/04/2024 12:20	3.2	67	22	6.2	0.0
19/04/2024 12:30	3.1	67	24	5.2	0.0
19/04/2024 12:40	3.3	64	22	5.7	0.0
19/04/2024 12:50	3.5	57	20	5.4	0.0
19/04/2024 13:00	3.1	56	20	5.5	0.0
19/04/2024 13:10	3.4	58	21	5.5	0.0
19/04/2024 13:20	3.6	64	20	5.6	0.0
19/04/2024 13:30	3.0	62	26	4.7	0.0
19/04/2024 13:40	3.0	63	24	4.8	0.0
19/04/2024 13:50	3.0	61	22	4.7	0.0
19/04/2024 14:00	3.2	72	22	4.9	0.0
19/04/2024 14:10	3.1	58	22	4.6	0.0
19/04/2024 14:20	3.0	59	24	5.2	0.0
19/04/2024 14:30	3.0	66	25	4.4	0.0
19/04/2024 14:40	3.2	57	24	5.2	0.0
19/04/2024 14:50	3.0	60	21	4.7	0.0
19/04/2024 15:00	3.2	59	23	5.3	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 15:10	3.3	57	19	5.4	0.0
19/04/2024 15:20	3.1	53	22	4.9	0.0
19/04/2024 15:30	2.9	49	21	4.8	0.0
19/04/2024 15:40	3.2	53	20	4.7	0.0
19/04/2024 15:50	3.3	48	17	5.3	0.0
19/04/2024 16:00	2.9	57	21	4.4	0.0
19/04/2024 16:10	3.3	52	18	5.2	0.0
19/04/2024 16:20	2.9	46	21	4.3	0.0
19/04/2024 16:30	2.8	44	19	4.4	0.0
19/04/2024 16:40	2.5	45	21	4.3	0.0
19/04/2024 16:50	2.0	48	24	3.6	0.0
19/04/2024 17:00	2.3	39	22	3.6	0.0
19/04/2024 17:10	2.6	42	18	4.1	0.0
19/04/2024 17:20	2.3	44	20	3.8	0.0
19/04/2024 17:30	2.4	47	21	4.0	0.0
19/04/2024 17:40	2.2	46	18	3.9	0.0
19/04/2024 17:50	1.9	41	17	2.7	0.0
19/04/2024 18:00	1.4	38	16	2.3	0.0
19/04/2024 18:10	1.6	44	17	2.4	0.0
19/04/2024 18:20	1.2	44	14	2.0	0.0
19/04/2024 18:30	1.1	32	14	1.6	0.0
19/04/2024 18:40	0.8	34	16	1.5	0.0
19/04/2024 18:50	0.1	110	8	0.6	0.0
19/04/2024 19:00	0.1	228	11	0.6	0.0
19/04/2024 19:10	0.1	14	9	0.6	0.0
19/04/2024 19:20	0.1	32	9	0.8	0.0
19/04/2024 19:30	0.3	64	13	0.8	0.0
19/04/2024 19:40	0.1	33	7	0.8	0.0
19/04/2024 19:50					0.0
19/04/2024 20:00					0.0
19/04/2024 20:10	0.0	85	0	0.4	0.0
19/04/2024 20:20	0.1	21	4	0.6	0.0
19/04/2024 20:30	0.1	44	10	0.6	0.0
19/04/2024 20:40	0.1	20	5	0.6	0.0
19/04/2024 20:50	0.1	18	5	0.8	0.0
19/04/2024 21:00					0.0
19/04/2024 21:10					0.0
19/04/2024 21:20					0.0
19/04/2024 21:30					0.0
19/04/2024 21:40					0.0
19/04/2024 21:50					0.0
19/04/2024 22:00					0.0
19/04/2024 22:10					0.0
19/04/2024 22:20					0.0
19/04/2024 22:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 22:40					0.0
19/04/2024 22:50					0.0
19/04/2024 23:00					0.0
19/04/2024 23:10	0.2	24	16	0.9	0.0
19/04/2024 23:20	0.1	26	5	0.7	0.0
19/04/2024 23:30					0.0
19/04/2024 23:40	0.3	41	14	0.9	0.0
19/04/2024 23:50	0.1	44	8	0.7	0.0
20/04/2024 00:00	0.0	48	3	0.4	0.0
20/04/2024 00:10					0.0
20/04/2024 00:20					0.0
20/04/2024 00:30					0.0
20/04/2024 00:40					0.0
20/04/2024 00:50	0.1	99	15	1.1	0.0
20/04/2024 01:00					0.0
20/04/2024 01:10	0.1	64	11	0.8	0.0
20/04/2024 01:20	0.4	41	17	0.9	0.0
20/04/2024 01:30	0.5	45	24	1.4	0.0
20/04/2024 01:40	0.5	50	18	1.2	0.0
20/04/2024 01:50	0.8	44	25	1.7	0.0
20/04/2024 02:00	0.9	59	30	1.6	0.0
20/04/2024 02:10	0.8	48	28	1.6	0.0
20/04/2024 02:20	0.9	75	30	1.8	0.0
20/04/2024 02:30	0.7	70	37	1.6	0.0
20/04/2024 02:40	1.0	81	25	2.2	0.0
20/04/2024 02:50	1.2	73	28	2.3	0.0
20/04/2024 03:00	1.2	89	29	2.3	0.0
20/04/2024 03:10	1.0	87	39	2.1	0.0
20/04/2024 03:20	0.5	81	31	1.4	0.0
20/04/2024 03:30	1.0	78	41	2.2	0.0
20/04/2024 03:40	1.1	82	30	2.3	0.0
20/04/2024 03:50	1.8	88	25	3.1	0.0
20/04/2024 04:00	1.5	96	34	2.8	0.0
20/04/2024 04:10	1.7	98	35	2.8	0.0
20/04/2024 04:20	1.9	100	30	3.4	0.0
20/04/2024 04:30	1.9	101	34	3.4	0.0
20/04/2024 04:40	1.7	100	32	3.2	0.0
20/04/2024 04:50	1.8	116	35	3.3	0.0
20/04/2024 05:00	1.4	113	34	3.2	0.0
20/04/2024 05:10	1.5	106	31	2.6	0.0
20/04/2024 05:20	1.6	109	38	3.2	0.0
20/04/2024 05:30	2.1	111	34	4.1	0.0
20/04/2024 05:40	2.1	109	31	3.6	0.0
20/04/2024 05:50	2.1	106	31	3.6	0.0
20/04/2024 06:00	1.3	110	33	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 06:10	1.9	99	31	3.5	0.0
20/04/2024 06:20	1.9	102	32	3.8	0.0
20/04/2024 06:30	1.5	110	35	2.7	0.0
20/04/2024 06:40	1.5	108	34	2.8	0.0
20/04/2024 06:50	1.7	105	38	3.2	0.0
20/04/2024 07:00	1.7	99	29	2.7	0.0
20/04/2024 07:10	1.9	92	35	3.4	0.0
20/04/2024 07:20	1.9	101	32	3.2	0.0
20/04/2024 07:30	2.1	100	29	4.1	0.0
20/04/2024 07:40	2.1	105	32	3.8	0.0
20/04/2024 07:50	2.0	101	30	3.4	0.0
20/04/2024 08:00	2.3	90	31	4.1	0.0
20/04/2024 08:10	2.7	97	27	5.0	0.0
20/04/2024 08:20	2.5	105	28	4.8	0.0
20/04/2024 08:30	2.3	102	31	3.9	0.0
20/04/2024 08:40	2.5	99	26	4.6	0.0
20/04/2024 08:50	2.9	89	30	4.6	0.0
20/04/2024 09:00	2.6	96	31	4.0	0.0
20/04/2024 09:10	3.6	95	30	6.4	0.0
20/04/2024 09:20	3.8	90	24	6.0	0.0
20/04/2024 09:30	4.1	91	23	6.5	0.0
20/04/2024 09:40	3.6	87	28	5.8	0.0
20/04/2024 09:50	3.7	83	24	6.0	0.0
20/04/2024 10:00	3.3	78	24	5.3	0.0
20/04/2024 10:10	3.5	81	25	6.5	0.0
20/04/2024 10:20	3.5	85	25	5.4	0.0
20/04/2024 10:30	3.5	77	23	6.1	0.0
20/04/2024 10:40	3.9	78	24	7.0	0.0
20/04/2024 10:50	3.8	78	28	6.6	0.0
20/04/2024 11:00	3.9	85	24	6.1	0.0
20/04/2024 11:10	4.0	82	20	6.4	0.0
20/04/2024 11:20	3.8	80	25	6.3	0.0
20/04/2024 11:30	4.1	80	27	6.2	0.0
20/04/2024 11:40	3.7	84	24	6.2	0.0
20/04/2024 11:50	3.5	80	25	5.6	0.0
20/04/2024 12:00	3.5	79	25	6.0	0.0
20/04/2024 12:10	3.7	78	25	6.4	0.0
20/04/2024 12:20	3.8	82	21	5.9	0.0
20/04/2024 12:30	3.7	87	25	6.2	0.0
20/04/2024 12:40	3.5	88	27	5.7	0.0
20/04/2024 12:50	3.3	80	23	5.5	0.0
20/04/2024 13:00	3.3	73	24	5.0	0.0
20/04/2024 13:10	3.3	61	20	5.6	0.0
20/04/2024 13:20	3.4	63	21	5.6	0.0
20/04/2024 13:30	3.2	60	25	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 13:40	3.3	57	20	5.2	0.0
20/04/2024 13:50	3.4	65	21	5.3	0.0
20/04/2024 14:00	3.3	63	24	5.1	0.0
20/04/2024 14:10	3.3	68	20	5.3	0.0
20/04/2024 14:20	3.2	65	24	6.0	0.0
20/04/2024 14:30	3.5	54	20	5.3	0.0
20/04/2024 14:40	3.0	60	26	4.6	0.0
20/04/2024 14:50	3.1	62	22	4.9	0.0
20/04/2024 15:00	2.9	58	19	4.8	0.0
20/04/2024 15:10	2.8	63	22	4.8	0.0
20/04/2024 15:20	3.0	56	21	4.7	0.0
20/04/2024 15:30	3.0	55	20	5.0	0.0
20/04/2024 15:40	3.4	51	19	5.2	0.0
20/04/2024 15:50	3.1	52	19	5.1	0.0
20/04/2024 16:00	3.1	46	18	4.4	0.0
20/04/2024 16:10	3.1	52	21	5.2	0.0
20/04/2024 16:20	2.8	54	21	4.0	0.0
20/04/2024 16:30	2.5	57	19	4.2	0.0
20/04/2024 16:40	2.5	52	18	4.2	0.0
20/04/2024 16:50	2.2	48	19	3.5	0.0
20/04/2024 17:00	2.4	46	19	3.6	0.0
20/04/2024 17:10	2.4	43	17	3.9	0.0
20/04/2024 17:20	2.3	40	20	3.2	0.0
20/04/2024 17:30	2.4	45	18	3.6	0.0
20/04/2024 17:40	2.2	42	17	3.3	0.0
20/04/2024 17:50	1.7	45	20	2.7	0.0
20/04/2024 18:00	1.6	38	17	2.3	0.0
20/04/2024 18:10	1.8	30	20	2.9	0.0
20/04/2024 18:20	1.7	30	18	2.5	0.0
20/04/2024 18:30	1.7	32	19	2.8	0.0
20/04/2024 18:40	1.5	26	14	2.4	0.0
20/04/2024 18:50	1.6	28	18	2.4	0.0
20/04/2024 19:00	1.6	27	17	2.4	0.0
20/04/2024 19:10	1.4	25	18	2.1	0.0
20/04/2024 19:20	1.5	32	18	2.3	0.0
20/04/2024 19:30	1.5	30	18	2.4	0.0
20/04/2024 19:40	1.2	32	16	1.7	0.0
20/04/2024 19:50	0.7	32	17	1.1	0.0
20/04/2024 20:00	0.8	22	12	1.6	0.0
20/04/2024 20:10	1.3	27	18	2.0	0.0
20/04/2024 20:20	1.3	27	17	1.9	0.0
20/04/2024 20:30	1.3	28	15	1.8	0.0
20/04/2024 20:40	1.2	32	18	1.6	0.0
20/04/2024 20:50	1.2	39	15	1.6	0.0
20/04/2024 21:00	1.1	32	18	1.6	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 21:10	1.0	29	16	1.4	0.0
20/04/2024 21:20	1.1	32	17	1.7	0.0
20/04/2024 21:30	1.2	30	19	2.3	0.0
20/04/2024 21:40	1.1	31	18	1.6	0.0
20/04/2024 21:50	1.1	35	16	1.5	0.0
20/04/2024 22:00	0.9	36	16	1.4	0.0
20/04/2024 22:10	1.1	34	16	1.6	0.0
20/04/2024 22:20	1.2	29	17	1.6	0.0
20/04/2024 22:30	1.0	34	14	1.5	0.0
20/04/2024 22:40	1.1	29	16	1.9	0.0
20/04/2024 22:50	1.0	27	15	1.5	0.0
20/04/2024 23:00	0.8	26	14	1.1	0.0
20/04/2024 23:10	0.5	33	14	0.9	0.0
20/04/2024 23:20	0.3	22	12	0.8	0.0
20/04/2024 23:30	0.0	13	3	0.4	0.0
20/04/2024 23:40	0.4	34	15	0.9	0.0
20/04/2024 23:50	0.4	44	23	1.0	0.0
21/04/2024 00:00	1.1	78	43	2.1	0.0
21/04/2024 00:10	1.5	80	33	2.9	0.0
21/04/2024 00:20	1.5	85	28	3.0	0.0
21/04/2024 00:30	0.7	91	33	2.0	0.0
21/04/2024 00:40	0.3	124	35	1.0	0.0
21/04/2024 00:50	0.1	152	12	0.8	0.0
21/04/2024 01:00	0.4	152	25	1.2	0.0
21/04/2024 01:10	0.7	178	25	1.6	0.0
21/04/2024 01:20	0.9	169	31	1.8	0.0
21/04/2024 01:30	0.7	209	19	1.6	0.0
21/04/2024 01:40	1.1	206	31	2.0	0.0
21/04/2024 01:50	1.0	194	35	2.1	0.0
21/04/2024 02:00	0.6	175	22	1.6	0.0
21/04/2024 02:10	0.5	192	16	1.2	0.0
21/04/2024 02:20	0.7	176	27	2.2	0.0
21/04/2024 02:30	0.5	178	24	1.6	0.0
21/04/2024 02:40	0.1	151	12	0.5	0.0
21/04/2024 02:50	0.0	136	9	0.6	0.0
21/04/2024 03:00	0.0	280	0	0.4	0.0
21/04/2024 03:10	0.1	74	5	0.8	0.0
21/04/2024 03:20	0.0	144	14	0.6	0.0
21/04/2024 03:30	0.0	304	2	0.4	0.0
21/04/2024 03:40	0.1	207	8	0.8	0.0
21/04/2024 03:50	0.0	186	0	0.4	0.0
21/04/2024 04:00	0.1	185	8	0.5	0.0
21/04/2024 04:10					0.0
21/04/2024 04:20	0.2	22	12	0.8	0.0
21/04/2024 04:30	0.4	39	19	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 04:40	0.2	43	21	0.8	0.0
21/04/2024 04:50	0.5	41	25	1.6	0.0
21/04/2024 05:00	0.4	57	20	1.1	0.0
21/04/2024 05:10	0.3	45	22	0.9	0.0
21/04/2024 05:20	0.1	317	11	0.4	0.0
21/04/2024 05:30	0.0	14	0	0.4	0.0
21/04/2024 05:40	0.2	35	25	0.8	0.0
21/04/2024 05:50	0.0	48	1	0.4	0.0
21/04/2024 06:00					0.0
21/04/2024 06:10	0.0	70	5	0.6	0.0
21/04/2024 06:20	0.3	46	36	1.1	0.0
21/04/2024 06:30	0.1	210	7	0.8	0.0
21/04/2024 06:40	0.1	43	15	0.5	0.0
21/04/2024 06:50	0.3	39	29	0.8	0.0
21/04/2024 07:00	0.1	61	11	0.6	0.0
21/04/2024 07:10	0.1	91	7	0.9	0.0
21/04/2024 07:20	0.1	120	12	0.6	0.0
21/04/2024 07:30	0.6	101	32	1.5	0.0
21/04/2024 07:40	0.6	108	26	1.4	0.0
21/04/2024 07:50	1.3	104	34	2.4	0.0
21/04/2024 08:00	1.6	115	31	2.5	0.0
21/04/2024 08:10	1.8	113	32	2.9	0.0
21/04/2024 08:20	2.0	103	31	3.3	0.0
21/04/2024 08:30	2.6	96	24	4.1	0.0
21/04/2024 08:40	2.3	97	31	4.1	0.0
21/04/2024 08:50	2.6	90	26	4.6	0.0
21/04/2024 09:00	3.0	80	22	4.7	0.0
21/04/2024 09:10	2.8	90	24	4.5	0.0
21/04/2024 09:20	2.7	87	23	4.8	0.0
21/04/2024 09:30	2.6	83	28	4.5	0.0
21/04/2024 09:40	2.5	85	29	4.2	0.0
21/04/2024 09:50	2.6	84	28	4.1	0.0
21/04/2024 10:00	2.5	76	27	4.7	0.0
21/04/2024 10:10	2.6	79	28	4.6	0.0
21/04/2024 10:20	2.8	78	23	4.4	0.0
21/04/2024 10:30	2.9	76	26	5.0	0.0
21/04/2024 10:40	2.9	88	23	4.6	0.0
21/04/2024 10:50	2.8	76	23	4.8	0.0
21/04/2024 11:00	3.1	58	22	5.5	0.0
21/04/2024 11:10	2.9	59	18	4.8	0.0
21/04/2024 11:20	3.3	56	22	5.6	0.0
21/04/2024 11:30	3.1	56	23	5.0	0.0
21/04/2024 11:40	3.1	63	24	4.7	0.0
21/04/2024 11:50	3.1	55	24	5.2	0.0
21/04/2024 12:00	3.7	53	21	5.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 12:10	3.2	67	23	4.7	0.0
21/04/2024 12:20	3.4	72	23	5.6	0.0
21/04/2024 12:30	3.9	53	19	6.0	0.0
21/04/2024 12:40	3.3	62	22	5.4	0.0
21/04/2024 12:50	3.6	54	19	6.1	0.0
21/04/2024 13:00	3.3	65	18	5.0	0.0
21/04/2024 13:10	3.3	58	21	5.4	0.0
21/04/2024 13:20	3.5	53	22	5.2	0.0
21/04/2024 13:30	3.4	51	25	5.6	0.0
21/04/2024 13:40	3.4	59	23	5.2	0.0
21/04/2024 13:50	3.4	51	23	5.3	0.0
21/04/2024 14:00	3.8	51	19	6.3	0.0
21/04/2024 14:10	3.1	47	22	4.5	0.0
21/04/2024 14:20	3.2	43	21	4.8	0.0
21/04/2024 14:30	3.1	49	22	5.2	0.0
21/04/2024 14:40	3.1	56	22	4.8	0.0
21/04/2024 14:50	2.7	49	21	4.6	0.0
21/04/2024 15:00	2.5	61	20	3.6	0.0
21/04/2024 15:10	2.7	55	22	4.4	0.0
21/04/2024 15:20	2.6	65	20	3.8	0.0
21/04/2024 15:30	2.4	54	21	3.8	0.0
21/04/2024 15:40	2.2	61	23	3.3	0.0
21/04/2024 15:50	2.3	63	21	3.6	0.0
21/04/2024 16:00	2.4	62	19	3.6	0.0
21/04/2024 16:10	2.5	58	22	4.2	0.0
21/04/2024 16:20	2.3	61	20	3.6	0.0
21/04/2024 16:30	2.2	58	20	3.7	0.0
21/04/2024 16:40	2.1	58	21	3.6	0.0
21/04/2024 16:50	2.2	52	22	3.3	0.0
21/04/2024 17:00	1.9	45	20	3.0	0.0
21/04/2024 17:10	2.3	35	30	4.3	0.0
21/04/2024 17:20	2.4	30	28	4.0	0.0
21/04/2024 17:30	2.2	28	32	3.7	0.0
21/04/2024 17:40	2.0	25	29	3.3	0.0
21/04/2024 17:50	2.0	29	25	3.6	0.0
21/04/2024 18:00	2.1	30	26	3.4	0.0
21/04/2024 18:10	1.8	31	23	3.0	0.0
21/04/2024 18:20	2.1	36	22	3.2	0.0
21/04/2024 18:30	1.9	24	26	3.5	0.0
21/04/2024 18:40	1.9	27	24	3.1	0.0
21/04/2024 18:50	1.3	31	28	2.6	0.0
21/04/2024 19:00	1.2	29	29	2.4	0.0
21/04/2024 19:10	1.3	27	30	2.1	0.0
21/04/2024 19:20	1.4	28	26	2.6	0.0
21/04/2024 19:30	1.2	192	27	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 19:40	1.2	17	35	2.4	0.0
21/04/2024 19:50	0.8	284	26	1.3	0.0
21/04/2024 20:00	0.8	269	28	1.6	0.0
21/04/2024 20:10	0.9	317	25	1.8	0.0
21/04/2024 20:20	0.7	263	13	1.4	0.0
21/04/2024 20:30					0.0
21/04/2024 20:40	0.1	179	3	0.6	0.0
21/04/2024 20:50	0.4	348	16	0.8	0.0
21/04/2024 21:00	0.2	306	10	0.8	0.0
21/04/2024 21:10	0.1	296	6	0.6	0.0
21/04/2024 21:20	0.3	269	5	0.8	0.0
21/04/2024 21:30	0.9	258	15	1.4	0.0
21/04/2024 21:40	0.5	249	7	1.1	0.0
21/04/2024 21:50	1.0	266	13	1.4	0.0
21/04/2024 22:00	1.2	261	11	1.6	0.0
21/04/2024 22:10	1.5	275	12	2.0	0.0
21/04/2024 22:20	1.4	288	18	2.0	0.0
21/04/2024 22:30	1.3	304	16	1.8	0.0
21/04/2024 22:40	0.9	306	14	1.2	0.0
21/04/2024 22:50	1.1	284	17	1.6	0.0
21/04/2024 23:00	1.0	308	13	1.3	0.0
21/04/2024 23:10	0.8	295	17	1.1	0.0
21/04/2024 23:20	0.4	304	11	0.8	0.0
21/04/2024 23:30					0.0
21/04/2024 23:40	0.1	270	3	0.8	0.0
21/04/2024 23:50	0.7	320	8	1.2	0.0
22/04/2024 00:00	0.0	250	2	0.4	0.0
22/04/2024 00:10	0.6	278	13	1.2	0.0
22/04/2024 00:20	1.1	285	20	1.7	0.0
22/04/2024 00:30	1.3	291	18	2.0	0.0
22/04/2024 00:40	1.4	289	18	2.2	0.0
22/04/2024 00:50	1.3	293	18	2.0	0.0
22/04/2024 01:00	1.5	286	18	2.4	0.0
22/04/2024 01:10	1.3	274	19	2.4	0.0
22/04/2024 01:20	0.6	162	11	1.6	0.0
22/04/2024 01:30	1.8	265	15	2.5	0.0
22/04/2024 01:40	1.5	261	16	2.3	0.0
22/04/2024 01:50	1.7	251	14	2.7	0.0
22/04/2024 02:00	1.8	257	14	2.8	0.0
22/04/2024 02:10	1.9	261	14	2.7	0.0
22/04/2024 02:20	2.2	256	15	3.2	0.0
22/04/2024 02:30	2.6	240	14	3.7	0.0
22/04/2024 02:40	2.0	249	15	2.9	0.0
22/04/2024 02:50	2.0	253	14	2.6	0.0
22/04/2024 03:00	1.5	242	20	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 03:10	0.9	249	18	1.7	0.0
22/04/2024 03:20	0.0	146	7	0.6	0.0
22/04/2024 03:30	0.7	278	14	1.1	0.0
22/04/2024 03:40	0.4	188	23	1.0	0.0
22/04/2024 03:50	0.0	12	3	0.4	0.0
22/04/2024 04:00	0.1	108	3	0.6	0.0
22/04/2024 04:10	0.1	181	8	0.6	0.0
22/04/2024 04:20	0.2	204	10	0.8	0.0
22/04/2024 04:30	0.2	308	11	0.7	0.0
22/04/2024 04:40	0.1	337	4	0.8	0.0
22/04/2024 04:50	0.0	13	1	0.4	0.0
22/04/2024 05:00					0.0
22/04/2024 05:10					0.0
22/04/2024 05:20	0.1	212	16	0.6	0.0
22/04/2024 05:30					0.0
22/04/2024 05:40	0.2	234	5	0.8	0.0
22/04/2024 05:50	0.9	202	26	1.4	0.0
22/04/2024 06:00	0.6	215	19	1.5	0.0
22/04/2024 06:10	1.1	224	28	2.0	0.0
22/04/2024 06:20	0.5	105	43	1.3	0.0
22/04/2024 06:30	0.3	54	25	1.3	0.0
22/04/2024 06:40	0.3	136	22	1.2	0.0
22/04/2024 06:50	0.1	84	14	0.9	0.0
22/04/2024 07:00	0.0	177	9	0.4	0.0
22/04/2024 07:10	0.4	132	25	0.9	0.0
22/04/2024 07:20	0.4	112	21	1.6	0.0
22/04/2024 07:30	0.4	21	14	1.2	0.0
22/04/2024 07:40	0.5	94	32	1.3	0.0
22/04/2024 07:50	1.3	133	34	2.1	0.0
22/04/2024 08:00	1.5	122	31	2.8	0.0
22/04/2024 08:10	1.7	131	32	2.8	0.0
22/04/2024 08:20	1.5	134	30	2.5	0.0
22/04/2024 08:30	1.5	109	29	2.4	0.0
22/04/2024 08:40	1.9	107	25	3.2	0.0
22/04/2024 08:50	1.5	110	35	2.8	0.0
22/04/2024 09:00	1.7	114	28	2.8	0.0
22/04/2024 09:10	1.7	113	29	2.8	0.0
22/04/2024 09:20	1.4	107	33	2.3	0.0
22/04/2024 09:30	1.8	116	27	2.6	0.0
22/04/2024 09:40	1.9	111	31	3.1	0.0
22/04/2024 09:50	1.8	114	30	3.3	0.0
22/04/2024 10:00	2.0	93	27	3.2	0.0
22/04/2024 10:10	1.8	92	31	2.9	0.0
22/04/2024 10:20	2.0	81	27	3.5	0.0
22/04/2024 10:30	2.1	94	34	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 10:40	2.3	85	24	3.4	0.0
22/04/2024 10:50	2.6	74	27	4.1	0.0
22/04/2024 11:00	3.3	64	20	5.4	0.0
22/04/2024 11:10	2.9	59	22	4.4	0.0
22/04/2024 11:20	2.6	63	27	4.7	0.0
22/04/2024 11:30	3.1	60	22	4.9	0.0
22/04/2024 11:40	2.9	58	26	4.5	0.0
22/04/2024 11:50	2.7	65	24	4.4	0.0
22/04/2024 12:00	2.7	69	23	4.5	0.0
22/04/2024 12:10	2.9	77	21	4.4	0.0
22/04/2024 12:20	2.7	72	24	4.7	0.0
22/04/2024 12:30	2.9	78	23	4.5	0.0
22/04/2024 12:40	2.6	73	22	4.4	0.0
22/04/2024 12:50	2.7	69	24	4.1	0.0
22/04/2024 13:00	2.6	70	27	4.3	0.0
22/04/2024 13:10	2.6	68	20	4.2	0.0
22/04/2024 13:20	2.9	54	24	4.7	0.0
22/04/2024 13:30	3.1	52	23	4.9	0.0
22/04/2024 13:40	3.0	52	24	5.2	0.0
22/04/2024 13:50	3.1	54	22	5.2	0.0
22/04/2024 14:00	3.1	53	21	5.2	0.0
22/04/2024 14:10	3.3	58	25	5.2	0.0
22/04/2024 14:20	3.3	51	20	5.1	0.0
22/04/2024 14:30	2.8	55	24	4.7	0.0
22/04/2024 14:40	2.8	53	25	4.4	0.0
22/04/2024 14:50	2.6	61	22	4.0	0.0
22/04/2024 15:00	2.5	64	22	4.0	0.0
22/04/2024 15:10	2.5	63	27	4.2	0.0
22/04/2024 15:20	2.3	58	22	4.0	0.0
22/04/2024 15:30	2.7	47	23	4.8	0.0
22/04/2024 15:40	2.4	19	31	3.9	0.0
22/04/2024 15:50	2.5	10	38	4.4	0.0
22/04/2024 16:00	2.6	185	40	4.6	0.0
22/04/2024 16:10	3.0	10	26	5.0	0.0
22/04/2024 16:20	2.9	19	29	4.7	0.0
22/04/2024 16:30	2.5	15	30	4.1	0.0
22/04/2024 16:40	2.4	7	35	4.6	0.0
22/04/2024 16:50	2.2	13	32	4.0	0.0
22/04/2024 17:00	2.3	9	35	4.1	0.0
22/04/2024 17:10	2.3	10	35	4.0	0.0
22/04/2024 17:20	2.2	181	34	4.3	0.0
22/04/2024 17:30	2.7	185	30	4.2	0.0
22/04/2024 17:40	2.6	11	29	4.8	0.0
22/04/2024 17:50	2.8	20	27	4.5	0.0
22/04/2024 18:00	3.0	14	26	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 18:10	2.9	19	21	4.8	0.0
22/04/2024 18:20	2.7	21	26	4.5	0.0
22/04/2024 18:30	2.5	16	30	4.4	0.0
22/04/2024 18:40	2.5	23	25	4.1	0.0
22/04/2024 18:50	2.5	21	27	4.3	0.0
22/04/2024 19:00	2.2	19	28	3.7	0.0
22/04/2024 19:10	2.0	13	30	3.6	0.0
22/04/2024 19:20	1.4	345	36	2.6	0.0
22/04/2024 19:30	1.7	329	31	3.2	0.0
22/04/2024 19:40	0.8	322	29	2.1	0.0
22/04/2024 19:50	1.3	327	27	2.8	0.0
22/04/2024 20:00	1.2	306	38	2.4	0.0
22/04/2024 20:10	0.7	301	44	2.0	0.0
22/04/2024 20:20	1.5	312	38	2.8	0.0
22/04/2024 20:30	1.2	292	47	2.4	0.0
22/04/2024 20:40	0.9	279	44	1.9	0.0
22/04/2024 20:50	0.9	336	40	1.8	0.0
22/04/2024 21:00	0.5	271	26	1.6	0.0
22/04/2024 21:10	0.7	246	22	1.2	0.0
22/04/2024 21:20	0.4	251	9	1.0	0.0
22/04/2024 21:30	0.8	250	10	1.4	0.0
22/04/2024 21:40	0.7	255	13	1.1	0.0
22/04/2024 21:50	1.3	269	15	1.9	0.0
22/04/2024 22:00	1.4	263	15	2.0	0.0
22/04/2024 22:10	0.9	271	15	1.4	0.0
22/04/2024 22:20	0.7	272	22	1.3	0.0
22/04/2024 22:30	1.5	261	15	2.3	0.0
22/04/2024 22:40	1.5	265	14	2.1	0.0
22/04/2024 22:50	1.2	266	12	1.7	0.0
22/04/2024 23:00	1.1	274	13	1.7	0.0
22/04/2024 23:10	1.2	277	23	2.0	0.0
22/04/2024 23:20	1.1	277	22	1.7	0.0
22/04/2024 23:30	1.1	293	26	1.9	0.0
22/04/2024 23:40	1.2	273	20	2.1	0.0
22/04/2024 23:50	1.1	282	28	1.8	0.0
23/04/2024 00:00	0.2	272	9	1.1	0.0
23/04/2024 00:10	0.5	280	15	1.1	0.0
23/04/2024 00:20	0.6	283	17	1.2	0.0
23/04/2024 00:30	0.3	293	7	0.8	0.0
23/04/2024 00:40					0.0
23/04/2024 00:50	0.6	296	12	1.0	0.0
23/04/2024 01:00	0.8	272	10	1.2	0.0
23/04/2024 01:10	0.5	295	8	0.9	0.0
23/04/2024 01:20	0.1	286	4	0.7	0.0
23/04/2024 01:30	0.4	274	4	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 01:40	0.4	277	9	0.8	0.0
23/04/2024 01:50	0.8	251	14	1.2	0.0
23/04/2024 02:00	0.2	170	5	0.7	0.0
23/04/2024 02:10	0.1	75	2	0.4	0.0
23/04/2024 02:20	0.1	353	5	0.6	0.0
23/04/2024 02:30	0.3	341	7	0.8	0.0
23/04/2024 02:40	0.1	358	8	0.6	0.0
23/04/2024 02:50	0.1	344	2	0.8	0.0
23/04/2024 03:00	0.2	351	10	0.7	0.0
23/04/2024 03:10	0.2	353	6	0.8	0.0
23/04/2024 03:20	0.3	344	6	1.1	0.0
23/04/2024 03:30	0.1	349	3	0.6	0.0
23/04/2024 03:40	0.2	349	8	0.8	0.0
23/04/2024 03:50	0.7	341	9	1.0	0.0
23/04/2024 04:00	0.5	349	8	0.8	0.0
23/04/2024 04:10	0.5	353	10	0.8	0.0
23/04/2024 04:20	0.6	346	12	0.9	0.0
23/04/2024 04:30	0.7	184	15	1.2	0.0
23/04/2024 04:40	0.5	25	13	1.0	0.0
23/04/2024 04:50	0.6	35	16	1.3	0.0
23/04/2024 05:00	0.4	26	15	1.1	0.0
23/04/2024 05:10	0.0	20	0	0.4	0.0
23/04/2024 05:20	0.1	15	3	0.7	0.0
23/04/2024 05:30	0.4	43	14	1.0	0.0
23/04/2024 05:40	0.7	39	13	1.4	0.0
23/04/2024 05:50	0.1	57	9	0.7	0.0
23/04/2024 06:00	0.1	95	5	0.7	0.0
23/04/2024 06:10					0.0
23/04/2024 06:20					0.0
23/04/2024 06:30					0.0
23/04/2024 06:40	0.1	75	12	0.8	0.0
23/04/2024 06:50	0.2	101	10	0.8	0.0
23/04/2024 07:00	0.4	91	16	1.1	0.0
23/04/2024 07:10	0.6	111	21	1.6	0.0
23/04/2024 07:20	0.9	115	26	1.7	0.0
23/04/2024 07:30	0.7	113	25	1.4	0.0
23/04/2024 07:40	0.6	105	22	1.3	0.0
23/04/2024 07:50	0.6	109	21	1.6	0.0
23/04/2024 08:00	0.8	118	28	1.6	0.0
23/04/2024 08:10	0.9	106	25	1.6	0.0
23/04/2024 08:20	0.8	113	30	1.6	0.0
23/04/2024 08:30	1.1	126	32	2.1	0.0
23/04/2024 08:40	1.3	121	31	2.3	0.0
23/04/2024 08:50	1.2	115	35	2.0	0.0
23/04/2024 09:00	1.0	118	28	1.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 09:10	1.5	109	27	2.3	0.0
23/04/2024 09:20	1.5	137	32	2.5	0.0
23/04/2024 09:30	1.6	123	33	2.9	0.0
23/04/2024 09:40	1.5	112	31	2.8	0.0
23/04/2024 09:50	1.6	108	34	2.7	0.0
23/04/2024 10:00	1.7	96	34	3.1	0.0
23/04/2024 10:10	1.9	99	32	3.8	0.0
23/04/2024 10:20	1.8	92	33	2.9	0.0
23/04/2024 10:30	1.9	80	27	3.0	0.0
23/04/2024 10:40	2.0	90	32	3.4	0.0
23/04/2024 10:50	2.6	94	25	4.4	0.0
23/04/2024 11:00	2.8	98	30	4.4	0.0
23/04/2024 11:10	2.7	77	28	4.9	0.0
23/04/2024 11:20	2.9	67	25	4.8	0.0
23/04/2024 11:30	2.9	70	24	4.6	0.0
23/04/2024 11:40	3.2	80	23	5.2	0.0
23/04/2024 11:50	3.0	85	24	4.6	0.0
23/04/2024 12:00	3.0	66	23	4.8	0.0
23/04/2024 12:10	3.2	66	24	4.9	0.0
23/04/2024 12:20	3.0	64	25	4.8	0.0
23/04/2024 12:30	3.4	64	21	5.5	0.0
23/04/2024 12:40	3.4	63	23	5.6	0.0
23/04/2024 12:50	3.3	62	25	5.4	0.0
23/04/2024 13:00	3.5	70	22	5.6	0.0
23/04/2024 13:10	3.5	55	22	5.4	0.0
23/04/2024 13:20	3.6	60	23	6.4	0.0
23/04/2024 13:30	3.4	58	23	5.6	0.0
23/04/2024 13:40	3.6	53	22	5.3	0.0
23/04/2024 13:50	3.1	49	24	5.1	0.0
23/04/2024 14:00	3.3	49	19	5.2	0.0
23/04/2024 14:10	3.0	56	24	4.7	0.0
23/04/2024 14:20	3.1	47	23	4.8	0.0
23/04/2024 14:30	3.3	41	21	5.4	0.0
23/04/2024 14:40	3.4	54	21	5.2	0.0
23/04/2024 14:50	3.2	52	23	5.0	0.0
23/04/2024 15:00	2.9	43	24	4.7	0.0
23/04/2024 15:10	2.9	54	21	4.6	0.0
23/04/2024 15:20	2.9	52	20	4.7	0.0
23/04/2024 15:30	2.7	50	27	4.4	0.0
23/04/2024 15:40	2.8	50	19	4.8	0.0
23/04/2024 15:50	2.6	47	21	4.4	0.0
23/04/2024 16:00	2.6	42	22	4.4	0.0
23/04/2024 16:10	2.7	41	26	4.7	0.0
23/04/2024 16:20	2.7	44	26	4.2	0.0
23/04/2024 16:30	2.5	44	21	4.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 16:40	2.6	41	22	3.7	0.0
23/04/2024 16:50	2.2	43	21	3.4	0.0
23/04/2024 17:00	2.4	33	26	4.0	0.0
23/04/2024 17:10	2.4	22	27	3.8	0.0
23/04/2024 17:20	2.5	19	27	4.0	0.0
23/04/2024 17:30	2.3	31	32	4.1	0.0
23/04/2024 17:40	2.6	33	26	4.1	0.0
23/04/2024 17:50	2.3	34	25	3.9	0.0
23/04/2024 18:00	2.1	35	22	3.3	0.0
23/04/2024 18:10	2.2	36	19	3.5	0.0
23/04/2024 18:20	1.8	38	23	3.1	0.0
23/04/2024 18:30	1.9	39	18	2.8	0.0
23/04/2024 18:40	1.9	35	19	3.0	0.0
23/04/2024 18:50	1.9	29	30	3.5	0.0
23/04/2024 19:00	1.8	32	24	3.0	0.0
23/04/2024 19:10	1.8	28	24	2.8	0.0
23/04/2024 19:20	1.7	33	23	2.5	0.0
23/04/2024 19:30	1.4	35	26	2.4	0.0
23/04/2024 19:40	1.7	34	25	2.7	0.0
23/04/2024 19:50	1.8	35	21	3.2	0.0
23/04/2024 20:00	1.2	45	21	1.9	0.0
23/04/2024 20:10	1.5	41	23	2.0	0.0
23/04/2024 20:20	1.1	50	14	1.6	0.0
23/04/2024 20:30	0.9	49	15	1.7	0.0
23/04/2024 20:40	0.5	58	7	1.1	0.0
23/04/2024 20:50					0.0
23/04/2024 21:00	0.0	345	2	0.5	0.0
23/04/2024 21:10	0.4	341	5	0.8	0.0
23/04/2024 21:20					0.0
23/04/2024 21:30					0.0
23/04/2024 21:40					0.0
23/04/2024 21:50					0.0
23/04/2024 22:00					0.0
23/04/2024 22:10					0.0
23/04/2024 22:20					0.0
23/04/2024 22:30					0.0
23/04/2024 22:40					0.0
23/04/2024 22:50					0.0
23/04/2024 23:00					0.0
23/04/2024 23:10					0.0
23/04/2024 23:20					0.0
23/04/2024 23:30					0.0
23/04/2024 23:40					0.0
23/04/2024 23:50					0.0
24/04/2024 00:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 00:10					0.0
24/04/2024 00:20					0.0
24/04/2024 00:30					0.0
24/04/2024 00:40					0.0
24/04/2024 00:50					0.0
24/04/2024 01:00					0.0
24/04/2024 01:10					0.0
24/04/2024 01:20					0.0
24/04/2024 01:30					0.0
24/04/2024 01:40					0.0
24/04/2024 01:50					0.0
24/04/2024 02:00					0.0
24/04/2024 02:10					0.0
24/04/2024 02:20	0.0	47	6	0.6	0.0
24/04/2024 02:30	0.2	40	15	0.8	0.0
24/04/2024 02:40	0.4	70	21	0.9	0.0
24/04/2024 02:50	0.0	239	4	0.5	0.0
24/04/2024 03:00	0.0	135	2	0.6	0.0
24/04/2024 03:10	0.0	99	4	0.6	0.0
24/04/2024 03:20					0.0
24/04/2024 03:30					0.0
24/04/2024 03:40					0.0
24/04/2024 03:50					0.0
24/04/2024 04:00					0.0
24/04/2024 04:10					0.0
24/04/2024 04:20					0.0
24/04/2024 04:30	0.7	123	36	2.7	0.0
24/04/2024 04:40	0.5	77	33	1.4	0.0
24/04/2024 04:50	0.3	49	17	0.8	0.0
24/04/2024 05:00	0.2	118	18	0.9	0.0
24/04/2024 05:10	0.3	108	27	1.2	0.0
24/04/2024 05:20	0.4	54	16	1.0	0.0
24/04/2024 05:30	0.2	80	21	1.1	0.0
24/04/2024 05:40	0.5	61	24	1.2	0.0
24/04/2024 05:50	0.1	266	25	0.8	0.0
24/04/2024 06:00	0.6	100	28	1.9	0.0
24/04/2024 06:10	1.7	104	36	2.8	0.0
24/04/2024 06:20	1.6	105	36	3.1	0.0
24/04/2024 06:30	1.5	107	35	2.8	0.0
24/04/2024 06:40	1.9	103	32	3.6	0.0
24/04/2024 06:50	1.9	103	35	3.5	0.0
24/04/2024 07:00	2.3	103	28	3.6	0.0
24/04/2024 07:10	2.5	104	24	4.2	0.0
24/04/2024 07:20	2.6	103	30	4.8	0.0
24/04/2024 07:30	2.8	95	28	4.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 07:40	2.7	100	33	4.8	0.0
24/04/2024 07:50	2.5	98	29	4.0	0.0
24/04/2024 08:00	2.9	95	27	4.5	0.0
24/04/2024 08:10	2.9	107	37	5.4	0.0
24/04/2024 08:20	2.6	103	31	4.3	0.0
24/04/2024 08:30	2.4	108	38	4.2	0.0
24/04/2024 08:40	2.8	101	31	4.7	0.0
24/04/2024 08:50	3.1	96	25	6.1	0.0
24/04/2024 09:00	3.2	99	31	4.6	0.0
24/04/2024 09:10	3.0	99	34	5.2	0.0
24/04/2024 09:20	3.0	83	28	5.6	0.0
24/04/2024 09:30	3.4	83	27	6.0	0.0
24/04/2024 09:40	3.2	85	27	5.0	0.0
24/04/2024 09:50	3.4	86	23	5.4	0.0
24/04/2024 10:00	2.8	89	26	5.6	0.0
24/04/2024 10:10	2.8	93	28	4.8	0.0
24/04/2024 10:20	2.9	104	29	4.6	0.0
24/04/2024 10:30	2.8	96	30	4.5	0.0
24/04/2024 10:40	2.6	101	32	4.2	0.0
24/04/2024 10:50	2.7	81	21	4.8	0.0
24/04/2024 11:00	2.6	81	31	4.2	0.0
24/04/2024 11:10	3.0	76	26	4.8	0.0
24/04/2024 11:20	3.2	76	26	5.5	0.0
24/04/2024 11:30	2.8	73	26	4.5	0.0
24/04/2024 11:40	2.7	88	28	4.3	0.0
24/04/2024 11:50	3.2	77	21	5.2	0.0
24/04/2024 12:00	3.3	88	24	5.2	0.0
24/04/2024 12:10	3.4	77	24	5.2	0.0
24/04/2024 12:20	2.9	80	28	4.4	0.0
24/04/2024 12:30	2.6	74	26	4.5	0.0
24/04/2024 12:40	2.5	76	28	4.4	0.0
24/04/2024 12:50	2.5	76	23	4.0	0.0
24/04/2024 13:00	2.6	80	25	4.2	0.0
24/04/2024 13:10	2.9	74	24	4.7	0.0
24/04/2024 13:20	2.4	64	23	4.3	0.0
24/04/2024 13:30	2.9	59	23	5.1	0.0
24/04/2024 13:40	2.7	53	22	4.8	0.0
24/04/2024 13:50	2.7	57	19	4.4	0.0
24/04/2024 14:00	2.8	50	20	4.6	0.0
24/04/2024 14:10	2.9	57	24	5.2	0.0
24/04/2024 14:20	2.6	58	21	4.6	0.0
24/04/2024 14:30	2.6	55	21	4.6	0.0
24/04/2024 14:40	2.4	58	22	4.5	0.0
24/04/2024 14:50	2.2	55	20	3.9	0.0
24/04/2024 15:00	2.2	64	22	3.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 15:10	2.2	59	23	4.0	0.0
24/04/2024 15:20	2.2	66	24	3.6	0.0
24/04/2024 15:30	2.0	60	23	3.2	0.0
24/04/2024 15:40	1.8	63	21	2.7	0.0
24/04/2024 15:50	1.5	52	23	2.6	0.0
24/04/2024 16:00	1.9	51	20	3.2	0.0
24/04/2024 16:10	1.7	57	25	3.0	0.0
24/04/2024 16:20	1.7	58	18	2.5	0.0
24/04/2024 16:30	1.7	56	21	2.4	0.0
24/04/2024 16:40	1.6	51	21	2.7	0.0
24/04/2024 16:50	1.8	47	18	2.8	0.0
24/04/2024 17:00	1.2	61	22	2.0	0.0
24/04/2024 17:10	1.2	53	19	2.0	0.0
24/04/2024 17:20	0.9	58	19	1.3	0.0
24/04/2024 17:30	0.8	55	19	1.4	0.0
24/04/2024 17:40	1.2	46	15	1.8	0.0
24/04/2024 17:50	1.3	47	19	2.2	0.0
24/04/2024 18:00	1.2	48	17	1.7	0.0
24/04/2024 18:10	0.5	45	9	1.1	0.0
24/04/2024 18:20					0.0
24/04/2024 18:30	0.3	22	11	0.8	0.0
24/04/2024 18:40	0.6	31	13	1.1	0.0
24/04/2024 18:50	0.3	31	9	0.7	0.0
24/04/2024 19:00					0.0
24/04/2024 19:10					0.0
24/04/2024 19:20					0.0
24/04/2024 19:30	0.5	34	14	1.1	0.0
24/04/2024 19:40	0.4	39	14	1.2	0.0
24/04/2024 19:50	0.4	43	18	1.0	0.0
24/04/2024 20:00	0.1	46	10	0.6	0.0
24/04/2024 20:10	0.2	25	7	0.8	0.0
24/04/2024 20:20	0.4	33	10	0.8	0.0
24/04/2024 20:30	0.2	49	11	0.9	0.0
24/04/2024 20:40	0.4	30	11	1.1	0.0
24/04/2024 20:50	0.7	28	16	1.2	0.0
24/04/2024 21:00	0.3	36	10	0.8	0.0
24/04/2024 21:10	0.0	48	0	0.4	0.0
24/04/2024 21:20	0.0	31	4	0.4	0.0
24/04/2024 21:30	0.3	30	9	0.8	0.0
24/04/2024 21:40	0.3	32	13	0.8	0.0
24/04/2024 21:50					0.0
24/04/2024 22:00	0.1	343	3	0.6	0.0
24/04/2024 22:10					0.0
24/04/2024 22:20	0.0	41	0	0.4	0.0
24/04/2024 22:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 22:40	0.1	49	7	0.9	0.0
24/04/2024 22:50	0.1	37	3	0.8	0.0
24/04/2024 23:00	0.2	40	17	0.9	0.0
24/04/2024 23:10					0.0
24/04/2024 23:20					0.0
24/04/2024 23:30					0.0
24/04/2024 23:40					0.0
24/04/2024 23:50					0.0
25/04/2024 00:00	0.0	178	2	0.5	0.0
25/04/2024 00:10	0.2	352	14	0.6	0.0
25/04/2024 00:20	0.0	315	4	0.4	0.0
25/04/2024 00:30	0.0	349	1	0.4	0.0
25/04/2024 00:40	0.0	211	1	0.4	0.0
25/04/2024 00:50					0.0
25/04/2024 01:00	0.1	234	1	0.6	0.0
25/04/2024 01:10					0.0
25/04/2024 01:20	0.0	189	2	0.7	0.0
25/04/2024 01:30	0.1	180	9	0.8	0.0
25/04/2024 01:40	0.0	267	0	0.4	0.0
25/04/2024 01:50	0.1	169	8	0.7	0.0
25/04/2024 02:00	0.4	247	18	1.2	0.0
25/04/2024 02:10	0.1	238	20	0.9	0.0
25/04/2024 02:20	0.6	242	18	1.4	0.0
25/04/2024 02:30	0.2	244	8	0.8	0.0
25/04/2024 02:40	0.2	122	11	1.1	0.0
25/04/2024 02:50					0.0
25/04/2024 03:00	0.3	168	18	1.6	0.0
25/04/2024 03:10					0.0
25/04/2024 03:20	0.2	196	19	1.4	0.0
25/04/2024 03:30	0.4	124	27	1.7	0.0
25/04/2024 03:40	0.8	120	33	1.8	0.0
25/04/2024 03:50	0.7	120	32	1.3	0.0
25/04/2024 04:00	0.5	90	44	1.4	0.0
25/04/2024 04:10	0.6	50	33	1.2	0.0
25/04/2024 04:20	0.7	68	26	1.2	0.0
25/04/2024 04:30	0.3	58	24	0.7	0.0
25/04/2024 04:40	0.0	184	6	0.4	0.0
25/04/2024 04:50					0.0
25/04/2024 05:00					0.0
25/04/2024 05:10	0.0	40	5	0.6	0.0
25/04/2024 05:20	0.2	88	20	0.8	0.0
25/04/2024 05:30	0.0	81	1	0.4	0.0
25/04/2024 05:40					0.0
25/04/2024 05:50					0.0
25/04/2024 06:00	0.1	56	12	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 06:10	0.1	67	13	0.6	0.0
25/04/2024 06:20	0.4	132	24	0.9	0.0
25/04/2024 06:30	0.1	105	3	0.6	0.0
25/04/2024 06:40	0.1	60	3	0.8	0.0
25/04/2024 06:50	0.2	35	14	0.8	0.0
25/04/2024 07:00	0.4	57	21	1.0	0.0
25/04/2024 07:10	0.8	90	27	1.4	0.0
25/04/2024 07:20	1.4	90	23	2.4	0.0
25/04/2024 07:30	2.1	98	26	3.9	0.0
25/04/2024 07:40	2.8	95	27	4.4	0.0
25/04/2024 07:50	2.3	97	31	4.1	0.0
25/04/2024 08:00	2.0	96	32	3.6	0.0
25/04/2024 08:10	1.9	105	35	3.2	0.0
25/04/2024 08:20	2.1	109	30	3.3	0.0
25/04/2024 08:30	2.1	116	31	3.7	0.0
25/04/2024 08:40	2.2	118	33	3.9	0.0
25/04/2024 08:50	2.4	108	34	4.3	0.0
25/04/2024 09:00	2.4	98	30	4.1	0.0
25/04/2024 09:10	2.8	95	27	4.5	0.0
25/04/2024 09:20	2.8	104	24	4.8	0.0
25/04/2024 09:30	2.3	94	24	4.1	0.0
25/04/2024 09:40	2.6	91	30	4.8	0.0
25/04/2024 09:50	2.7	87	25	4.4	0.0
25/04/2024 10:00	3.2	87	24	5.3	0.0
25/04/2024 10:10	3.0	95	24	5.1	0.0
25/04/2024 10:20	2.8	75	25	4.4	0.0
25/04/2024 10:30	3.2	78	21	4.9	0.0
25/04/2024 10:40	3.0	71	25	5.1	0.0
25/04/2024 10:50	3.1	82	27	5.5	0.0
25/04/2024 11:00	3.0	85	22	5.0	0.0
25/04/2024 11:10	2.8	67	24	4.8	0.0
25/04/2024 11:20	2.9	61	23	5.6	0.0
25/04/2024 11:30	3.1	62	24	5.2	0.0
25/04/2024 11:40	3.2	61	21	5.1	0.0
25/04/2024 11:50	2.8	61	25	4.9	0.0
25/04/2024 12:00	3.4	54	23	6.0	0.0
25/04/2024 12:10	3.6	59	20	5.5	0.0
25/04/2024 12:20	3.4	60	24	5.3	0.0
25/04/2024 12:30	2.8	64	24	5.2	0.0
25/04/2024 12:40	3.0	56	23	4.8	0.0
25/04/2024 12:50	2.9	62	26	5.0	0.0
25/04/2024 13:00	3.1	64	27	4.8	0.0
25/04/2024 13:10	3.1	62	23	4.6	0.0
25/04/2024 13:20	2.9	61	24	4.8	0.0
25/04/2024 13:30	3.2	62	22	5.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 13:40	3.2	56	22	5.2	0.0
25/04/2024 13:50	3.0	60	26	4.6	0.0
25/04/2024 14:00	3.3	57	22	5.3	0.0
25/04/2024 14:10	3.1	56	22	5.6	0.0
25/04/2024 14:20	3.0	57	23	4.9	0.0
25/04/2024 14:30	3.1	67	24	5.3	0.0
25/04/2024 14:40	3.3	53	19	5.8	0.0
25/04/2024 14:50	3.3	59	22	5.5	0.0
25/04/2024 15:00	2.8	57	23	4.4	0.0
25/04/2024 15:10	2.7	57	25	4.4	0.0
25/04/2024 15:20	3.0	57	22	5.3	0.0
25/04/2024 15:30	3.2	56	22	5.0	0.0
25/04/2024 15:40	3.0	58	22	4.9	0.0
25/04/2024 15:50	3.0	69	20	4.7	0.0
25/04/2024 16:00	2.8	57	21	4.4	0.0
25/04/2024 16:10	3.1	47	20	4.9	0.0
25/04/2024 16:20	2.5	58	19	4.7	0.0
25/04/2024 16:30	2.7	57	21	4.6	0.0
25/04/2024 16:40	2.5	57	22	4.1	0.0
25/04/2024 16:50	2.4	51	21	3.8	0.0
25/04/2024 17:00	2.4	50	19	3.9	0.0
25/04/2024 17:10	2.1	54	20	3.6	0.0
25/04/2024 17:20	2.1	55	18	3.6	0.0
25/04/2024 17:30	2.1	47	20	3.2	0.0
25/04/2024 17:40	2.1	47	20	3.6	0.0
25/04/2024 17:50	2.4	44	18	3.5	0.0
25/04/2024 18:00	2.1	49	20	3.2	0.0
25/04/2024 18:10	2.3	43	17	3.7	0.0
25/04/2024 18:20	2.4	35	19	3.8	0.0
25/04/2024 18:30	2.4	46	16	4.0	0.0
25/04/2024 18:40	1.9	45	20	3.0	0.0
25/04/2024 18:50	1.7	38	20	2.9	0.0
25/04/2024 19:00	1.7	38	23	2.6	0.0
25/04/2024 19:10	1.8	27	29	2.9	0.0
25/04/2024 19:20	1.8	37	21	3.0	0.0
25/04/2024 19:30	1.9	43	24	3.3	0.0
25/04/2024 19:40	1.9	32	24	3.6	0.0
25/04/2024 19:50	1.9	39	25	3.2	0.0
25/04/2024 20:00	1.2	26	28	2.9	0.0
25/04/2024 20:10	1.9	5	36	3.3	0.0
25/04/2024 20:20	2.0	5	31	3.2	0.0
25/04/2024 20:30	2.2	353	29	3.3	0.0
25/04/2024 20:40	2.2	355	33	3.6	0.0
25/04/2024 20:50	2.1	8	35	4.2	0.0
25/04/2024 21:00	1.5	353	39	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 21:10	1.1	62	32	2.3	0.0
25/04/2024 21:20	0.2	225	19	0.9	0.0
25/04/2024 21:30	0.3	190	15	1.0	0.0
25/04/2024 21:40	0.2	185	6	0.9	0.0
25/04/2024 21:50	0.4	79	18	1.0	0.0
25/04/2024 22:00	0.2	34	9	0.8	0.0
25/04/2024 22:10	0.1	29	4	0.6	0.0
25/04/2024 22:20	0.6	12	15	1.1	0.0
25/04/2024 22:30	0.9	23	17	1.4	0.0
25/04/2024 22:40	0.3	40	8	0.8	0.0
25/04/2024 22:50	0.8	28	15	1.2	0.0
25/04/2024 23:00	0.9	24	22	1.4	0.0
25/04/2024 23:10	0.1	202	5	0.6	0.0
25/04/2024 23:20	0.7	351	18	1.2	0.0
25/04/2024 23:30	0.6	39	19	1.2	0.0
25/04/2024 23:40	0.2	41	18	0.8	0.0
25/04/2024 23:50	0.1	17	5	0.6	0.0
26/04/2024 00:00	0.4	52	25	0.8	0.0
26/04/2024 00:10	0.1	53	17	0.6	0.0
26/04/2024 00:20	0.1	36	6	0.6	0.0
26/04/2024 00:30	0.1	22	10	0.7	0.0
26/04/2024 00:40	0.4	25	15	0.8	0.0
26/04/2024 00:50	0.4	45	15	1.4	0.0
26/04/2024 01:00	0.5	26	20	1.1	0.0
26/04/2024 01:10					0.0
26/04/2024 01:20					0.0
26/04/2024 01:30	0.2	70	24	0.9	0.0
26/04/2024 01:40	0.1	65	3	0.9	0.0
26/04/2024 01:50	0.6	70	25	1.3	0.0
26/04/2024 02:00	0.7	111	29	1.5	0.0
26/04/2024 02:10	1.2	106	27	2.3	0.0
26/04/2024 02:20	1.4	97	26	2.7	0.0
26/04/2024 02:30	1.6	98	27	3.4	0.0
26/04/2024 02:40	1.6	94	23	3.2	0.0
26/04/2024 02:50	1.1	95	28	1.9	0.0
26/04/2024 03:00	0.8	109	29	1.8	0.0
26/04/2024 03:10	0.3	102	13	1.2	0.0
26/04/2024 03:20	0.2	90	16	1.0	0.0
26/04/2024 03:30	0.4	81	17	1.2	0.0
26/04/2024 03:40	0.3	54	24	0.8	0.0
26/04/2024 03:50	0.2	67	16	1.0	0.0
26/04/2024 04:00	0.2	80	13	1.0	0.0
26/04/2024 04:10	0.0	68	5	0.6	0.0
26/04/2024 04:20	0.1	80	11	0.8	0.0
26/04/2024 04:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 04:40					0.0
26/04/2024 04:50					0.0
26/04/2024 05:00					0.0
26/04/2024 05:10	0.1	84	12	0.6	0.0
26/04/2024 05:20	0.3	77	14	1.1	0.0
26/04/2024 05:30	0.1	80	11	0.8	0.0
26/04/2024 05:40	0.4	79	16	1.0	0.0
26/04/2024 05:50	0.2	73	16	0.8	0.0
26/04/2024 06:00	0.6	71	16	1.2	0.0
26/04/2024 06:10	0.5	61	18	1.5	0.0
26/04/2024 06:20	0.4	55	23	1.2	0.0
26/04/2024 06:30	0.6	47	20	1.2	0.0
26/04/2024 06:40	0.6	43	20	1.2	0.0
26/04/2024 06:50	0.8	46	19	1.3	0.0
26/04/2024 07:00	0.8	48	22	1.3	0.0
26/04/2024 07:10	0.9	48	17	1.6	0.0
26/04/2024 07:20	0.9	49	24	1.5	0.0
26/04/2024 07:30	0.8	50	23	1.2	0.0
26/04/2024 07:40	0.8	47	27	1.4	0.0
26/04/2024 07:50	1.3	78	24	2.4	0.0
26/04/2024 08:00	1.6	86	23	2.7	0.0
26/04/2024 08:10	1.8	86	23	3.0	0.0
26/04/2024 08:20	1.8	92	30	3.4	0.0
26/04/2024 08:30	1.9	96	27	3.4	0.0
26/04/2024 08:40	2.2	84	21	3.4	0.0
26/04/2024 08:50	2.2	86	22	3.8	0.0
26/04/2024 09:00	2.4	95	28	3.7	0.0
26/04/2024 09:10	2.1	90	30	3.6	0.0
26/04/2024 09:20	2.2	92	22	4.0	0.0
26/04/2024 09:30	2.7	92	23	4.5	0.0
26/04/2024 09:40	2.9	92	27	4.9	0.0
26/04/2024 09:50	2.7	97	28	4.8	0.0
26/04/2024 10:00	2.5	92	33	3.9	0.0
26/04/2024 10:10	3.0	78	23	5.1	0.0
26/04/2024 10:20	3.2	80	24	5.2	0.0
26/04/2024 10:30	2.9	88	27	4.8	0.0
26/04/2024 10:40	2.7	91	26	4.6	0.0
26/04/2024 10:50	2.6	81	28	4.4	0.0
26/04/2024 11:00	2.9	72	25	4.6	0.0
26/04/2024 11:10	2.9	74	20	4.5	0.0
26/04/2024 11:20	3.0	66	23	4.8	0.0
26/04/2024 11:30	3.1	63	20	4.9	0.0
26/04/2024 11:40	2.9	68	21	4.8	0.0
26/04/2024 11:50	2.7	63	21	4.8	0.0
26/04/2024 12:00	2.8	65	22	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 12:10	2.7	67	25	4.9	0.0
26/04/2024 12:20	2.7	67	26	4.0	0.0
26/04/2024 12:30	2.8	67	24	4.7	0.0
26/04/2024 12:40	2.6	61	21	4.4	0.0
26/04/2024 12:50	2.7	60	26	3.8	0.0
26/04/2024 13:00	2.8	66	24	4.3	0.0
26/04/2024 13:10	2.9	74	21	4.9	0.0
26/04/2024 13:20	2.9	73	23	4.3	0.0
26/04/2024 13:30	2.9	70	21	4.6	0.0
26/04/2024 13:40	2.8	62	24	4.4	0.0
26/04/2024 13:50	2.9	61	22	4.7	0.0
26/04/2024 14:00	2.6	56	22	4.2	0.0
26/04/2024 14:10	2.8	68	26	4.8	0.0
26/04/2024 14:20	2.7	65	24	4.8	0.0
26/04/2024 14:30	2.8	48	21	4.7	0.0
26/04/2024 14:40	2.9	53	20	4.7	0.0
26/04/2024 14:50	2.7	62	22	4.4	0.0
26/04/2024 15:00	2.8	65	24	4.6	0.0
26/04/2024 15:10	2.6	71	24	3.8	0.0
26/04/2024 15:20	2.1	61	24	3.5	0.0
26/04/2024 15:30	2.1	70	21	3.6	0.0
26/04/2024 15:40	2.1	58	26	3.6	0.0
26/04/2024 15:50	2.3	50	26	3.6	0.0
26/04/2024 16:00	2.4	56	21	4.0	0.0
26/04/2024 16:10	2.3	51	20	4.1	0.0
26/04/2024 16:20	2.3	55	24	4.0	0.0
26/04/2024 16:30	2.3	51	22	3.6	0.0
26/04/2024 16:40	2.0	45	22	3.2	0.0
26/04/2024 16:50	2.4	36	21	3.4	0.0
26/04/2024 17:00	2.4	39	22	3.8	0.0
26/04/2024 17:10	2.4	46	20	3.6	0.0
26/04/2024 17:20	2.4	41	18	3.6	0.0
26/04/2024 17:30	2.5	44	20	3.6	0.0
26/04/2024 17:40	2.5	49	18	3.9	0.0
26/04/2024 17:50	2.1	48	16	3.0	0.0
26/04/2024 18:00	1.5	53	17	2.4	0.0
26/04/2024 18:10	1.7	50	15	2.5	0.0
26/04/2024 18:20	1.4	51	15	2.2	0.0
26/04/2024 18:30	1.1	45	18	1.8	0.0
26/04/2024 18:40	0.3	37	14	1.2	0.0
26/04/2024 18:50					0.0
26/04/2024 19:00					0.0
26/04/2024 19:10	0.7	52	7	1.6	0.0
26/04/2024 19:20	0.9	36	20	2.0	0.0
26/04/2024 19:30	1.3	24	23	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 19:40	1.6	36	25	2.6	0.0
26/04/2024 19:50	1.3	27	28	2.1	0.0
26/04/2024 20:00	1.1	22	35	2.1	0.0
26/04/2024 20:10	1.0	7	40	2.2	0.0
26/04/2024 20:20	1.4	15	36	2.3	0.0
26/04/2024 20:30	1.2	175	35	2.4	0.0
26/04/2024 20:40	0.3	266	43	1.2	0.0
26/04/2024 20:50	0.3	295	16	0.8	0.0
26/04/2024 21:00	0.4	26	33	1.2	0.0
26/04/2024 21:10	0.3	44	23	0.9	0.0
26/04/2024 21:20	0.1	19	15	0.8	0.0
26/04/2024 21:30					0.0
26/04/2024 21:40					0.0
26/04/2024 21:50					0.0
26/04/2024 22:00	0.4	235	7	0.9	0.0
26/04/2024 22:10	0.1	231	2	0.8	0.0
26/04/2024 22:20	0.1	255	4	0.6	0.0
26/04/2024 22:30					0.0
26/04/2024 22:40					0.0
26/04/2024 22:50					0.0
26/04/2024 23:00					0.0
26/04/2024 23:10	0.1	42	5	0.9	0.0
26/04/2024 23:20	0.0	39	0	0.4	0.0
26/04/2024 23:30	0.1	14	6	0.6	0.0
26/04/2024 23:40					0.0
26/04/2024 23:50					0.0
27/04/2024 00:00					0.0
27/04/2024 00:10					0.0
27/04/2024 00:20					0.0
27/04/2024 00:30					0.0
27/04/2024 00:40					0.0
27/04/2024 00:50					0.0
27/04/2024 01:00					0.0
27/04/2024 01:10					0.0
27/04/2024 01:20					0.0
27/04/2024 01:30					0.0
27/04/2024 01:40					0.0
27/04/2024 01:50					0.0
27/04/2024 02:00					0.0
27/04/2024 02:10					0.0
27/04/2024 02:20					0.0
27/04/2024 02:30					0.0
27/04/2024 02:40					0.0
27/04/2024 02:50					0.0
27/04/2024 03:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 03:10					0.0
27/04/2024 03:20					0.0
27/04/2024 03:30					0.0
27/04/2024 03:40	0.0	83	5	0.8	0.0
27/04/2024 03:50	0.0	55	2	0.6	0.0
27/04/2024 04:00	0.1	49	5	0.8	0.0
27/04/2024 04:10					0.0
27/04/2024 04:20					0.0
27/04/2024 04:30					0.0
27/04/2024 04:40	0.0	24	0	0.4	0.0
27/04/2024 04:50					0.0
27/04/2024 05:00					0.0
27/04/2024 05:10					0.0
27/04/2024 05:20					0.0
27/04/2024 05:30					0.0
27/04/2024 05:40					0.0
27/04/2024 05:50					0.0
27/04/2024 06:00					0.0
27/04/2024 06:10					0.0
27/04/2024 06:20					0.0
27/04/2024 06:30					0.0
27/04/2024 06:40					0.0
27/04/2024 06:50					0.0
27/04/2024 07:00					0.0
27/04/2024 07:10					0.0
27/04/2024 07:20					0.0
27/04/2024 07:30	0.1	76	12	0.6	0.0
27/04/2024 07:40	0.2	97	10	0.8	0.0
27/04/2024 07:50	0.8	97	16	1.6	0.0
27/04/2024 08:00	1.0	95	19	1.8	0.0
27/04/2024 08:10	1.0	109	32	2.0	0.0
27/04/2024 08:20	1.0	119	28	2.1	0.0
27/04/2024 08:30	1.1	118	31	1.9	0.0
27/04/2024 08:40	1.2	118	29	2.1	0.0
27/04/2024 08:50	1.4	99	25	2.3	0.0
27/04/2024 09:00	1.4	110	27	2.3	0.0
27/04/2024 09:10	1.5	127	25	2.3	0.0
27/04/2024 09:20	1.4	125	35	2.5	0.0
27/04/2024 09:30	1.7	95	25	2.7	0.0
27/04/2024 09:40	1.7	108	32	2.7	0.0
27/04/2024 09:50	1.4	100	26	2.4	0.0
27/04/2024 10:00	1.9	103	26	3.1	0.0
27/04/2024 10:10	1.7	100	35	2.8	0.0
27/04/2024 10:20	1.7	79	27	2.8	0.0
27/04/2024 10:30	2.1	78	23	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 10:40	1.9	69	29	3.1	0.0
27/04/2024 10:50	2.1	58	23	3.5	0.0
27/04/2024 11:00	2.2	59	27	3.2	0.0
27/04/2024 11:10	2.5	61	25	4.2	0.0
27/04/2024 11:20	2.6	58	23	4.0	0.0
27/04/2024 11:30	2.5	65	27	4.1	0.0
27/04/2024 11:40	2.4	67	22	3.9	0.0
27/04/2024 11:50	2.3	57	24	3.7	0.0
27/04/2024 12:00	2.3	63	23	4.4	0.0
27/04/2024 12:10	2.4	63	22	4.3	0.0
27/04/2024 12:20	2.5	65	21	4.0	0.0
27/04/2024 12:30	2.3	59	25	3.8	0.0
27/04/2024 12:40	2.1	63	25	3.5	0.0
27/04/2024 12:50	2.4	66	25	4.1	0.0
27/04/2024 13:00	2.5	67	24	3.9	0.0
27/04/2024 13:10	2.7	54	25	4.2	0.0
27/04/2024 13:20	2.6	57	25	4.0	0.0
27/04/2024 13:30	2.6	58	24	3.8	0.0
27/04/2024 13:40	2.6	65	23	4.7	0.0
27/04/2024 13:50	2.4	68	24	4.1	0.0
27/04/2024 14:00	2.6	52	21	5.1	0.0
27/04/2024 14:10	2.7	53	20	4.8	0.0
27/04/2024 14:20	2.5	57	25	3.8	0.0
27/04/2024 14:30	2.4	52	24	4.0	0.0
27/04/2024 14:40	2.4	61	20	4.0	0.0
27/04/2024 14:50	2.9	50	22	4.4	0.0
27/04/2024 15:00	2.7	55	23	4.6	0.0
27/04/2024 15:10	2.5	56	22	4.0	0.0
27/04/2024 15:20	2.3	71	23	3.6	0.0
27/04/2024 15:30	2.4	60	23	3.5	0.0
27/04/2024 15:40	2.4	53	23	4.0	0.0
27/04/2024 15:50	2.4	60	21	4.0	0.0
27/04/2024 16:00	2.4	56	21	3.9	0.0
27/04/2024 16:10	2.6	52	23	4.2	0.0
27/04/2024 16:20	2.4	67	21	3.6	0.0
27/04/2024 16:30	2.7	53	22	4.2	0.0
27/04/2024 16:40	2.4	53	17	3.8	0.0
27/04/2024 16:50	2.2	53	19	3.5	0.0
27/04/2024 17:00	2.2	61	18	3.5	0.0
27/04/2024 17:10	2.0	55	20	3.2	0.0
27/04/2024 17:20	2.0	54	20	3.5	0.0
27/04/2024 17:30	1.5	59	21	2.5	0.0
27/04/2024 17:40	1.8	59	21	2.8	0.0
27/04/2024 17:50	1.6	56	21	2.5	0.0
27/04/2024 18:00	1.6	53	19	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 18:10	1.5	54	21	2.3	0.0
27/04/2024 18:20	1.5	54	19	2.2	0.0
27/04/2024 18:30	1.2	55	17	2.0	0.0
27/04/2024 18:40	1.0	50	17	1.8	0.0
27/04/2024 18:50	0.8	54	20	1.3	0.0
27/04/2024 19:00	1.0	51	18	1.6	0.0
27/04/2024 19:10	1.2	54	16	1.9	0.0
27/04/2024 19:20	1.0	56	17	1.5	0.0
27/04/2024 19:30	0.9	53	15	1.7	0.0
27/04/2024 19:40	1.2	48	15	2.4	0.0
27/04/2024 19:50	1.2	48	15	1.6	0.0
27/04/2024 20:00	1.6	39	21	2.7	0.0
27/04/2024 20:10	1.6	38	20	2.7	0.0
27/04/2024 20:20	1.8	32	24	2.8	0.0
27/04/2024 20:30	1.7	41	24	2.5	0.0
27/04/2024 20:40	1.0	43	26	1.8	0.0
27/04/2024 20:50	1.4	35	24	2.7	0.0
27/04/2024 21:00	1.6	39	27	2.5	0.0
27/04/2024 21:10	1.5	44	23	2.6	0.0
27/04/2024 21:20	1.5	39	29	2.4	0.0
27/04/2024 21:30	1.4	28	30	2.3	0.0
27/04/2024 21:40	0.2	163	15	1.1	0.0
27/04/2024 21:50	0.2	307	9	1.0	0.0
27/04/2024 22:00	0.2	326	16	0.9	0.0
27/04/2024 22:10	0.4	307	40	1.5	0.0
27/04/2024 22:20	1.3	342	30	2.4	0.0
27/04/2024 22:30	1.9	346	29	3.3	0.0
27/04/2024 22:40	1.2	16	34	2.3	0.0
27/04/2024 22:50	1.4	194	28	2.4	0.0
27/04/2024 23:00	0.9	298	30	1.6	0.0
27/04/2024 23:10	0.1	241	12	0.7	0.0
27/04/2024 23:20	0.3	62	29	1.1	0.0
27/04/2024 23:30	0.7	238	17	1.1	0.0
27/04/2024 23:40	0.0	244	0	0.4	0.0
27/04/2024 23:50					0.0
28/04/2024 00:00					0.0
28/04/2024 00:10					0.0
28/04/2024 00:20					0.0
28/04/2024 00:30					0.0
28/04/2024 00:40					0.0
28/04/2024 00:50					0.0
28/04/2024 01:00					0.0
28/04/2024 01:10	0.1	55	5	0.4	0.0
28/04/2024 01:20	0.0	50	3	0.4	0.0
28/04/2024 01:30	0.2	75	9	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 01:40					0.0
28/04/2024 01:50	0.0	68	4	0.5	0.0
28/04/2024 02:00	0.0	109	5	0.4	0.0
28/04/2024 02:10	0.1	88	5	0.6	0.0
28/04/2024 02:20	0.0	90	0	0.4	0.0
28/04/2024 02:30					0.0
28/04/2024 02:40					0.0
28/04/2024 02:50					0.0
28/04/2024 03:00					0.0
28/04/2024 03:10					0.0
28/04/2024 03:20					0.0
28/04/2024 03:30					0.0
28/04/2024 03:40					0.0
28/04/2024 03:50					0.0
28/04/2024 04:00					0.0
28/04/2024 04:10					0.0
28/04/2024 04:20					0.0
28/04/2024 04:30					0.0
28/04/2024 04:40					0.0
28/04/2024 04:50	0.0	90	3	0.6	0.0
28/04/2024 05:00					0.0
28/04/2024 05:10					0.0
28/04/2024 05:20	0.1	44	7	0.8	0.0
28/04/2024 05:30	0.4	49	10	1.1	0.0
28/04/2024 05:40	0.3	33	9	0.8	0.0
28/04/2024 05:50					0.0
28/04/2024 06:00					0.0
28/04/2024 06:10					0.0
28/04/2024 06:20	0.0	37	0	0.4	0.0
28/04/2024 06:30	0.0	29	1	0.4	0.0
28/04/2024 06:40	0.0	41	2	0.6	0.0
28/04/2024 06:50	0.0	41	2	0.4	0.0
28/04/2024 07:00					0.0
28/04/2024 07:10					0.0
28/04/2024 07:20					0.0
28/04/2024 07:30					0.0
28/04/2024 07:40	0.9	91	19	1.8	0.0
28/04/2024 07:50	0.9	90	24	1.7	0.0
28/04/2024 08:00	0.8	97	27	1.6	0.0
28/04/2024 08:10	1.1	117	26	1.9	0.0
28/04/2024 08:20	1.0	117	29	1.8	0.0
28/04/2024 08:30	1.1	117	28	1.9	0.0
28/04/2024 08:40	1.2	127	25	2.1	0.0
28/04/2024 08:50	1.2	128	30	2.0	0.0
28/04/2024 09:00	1.4	124	25	2.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 09:10	1.5	111	26	2.5	0.0
28/04/2024 09:20	1.4	120	31	2.9	0.0
28/04/2024 09:30	1.8	95	27	2.9	0.0
28/04/2024 09:40	1.5	106	29	2.7	0.0
28/04/2024 09:50	1.7	130	30	2.5	0.0
28/04/2024 10:00	1.4	104	35	2.6	0.0
28/04/2024 10:10	1.6	110	32	2.5	0.0
28/04/2024 10:20	1.6	90	32	2.7	0.0
28/04/2024 10:30	1.9	84	22	3.1	0.0
28/04/2024 10:40	1.9	88	25	3.2	0.0
28/04/2024 10:50	2.1	84	26	3.6	0.0
28/04/2024 11:00	1.7	78	29	2.9	0.0
28/04/2024 11:10	2.2	54	21	3.6	0.0
28/04/2024 11:20	2.4	59	26	4.0	0.0
28/04/2024 11:30	2.4	59	20	3.6	0.0
28/04/2024 11:40	2.4	60	22	3.7	0.0
28/04/2024 11:50	2.5	60	27	3.9	0.0
28/04/2024 12:00	2.5	61	26	3.7	0.0
28/04/2024 12:10	2.3	70	24	3.8	0.0
28/04/2024 12:20	2.5	65	23	4.5	0.0
28/04/2024 12:30	2.7	71	22	4.5	0.0
28/04/2024 12:40	2.7	65	22	4.4	0.0
28/04/2024 12:50	2.8	63	23	4.8	0.0
28/04/2024 13:00	3.0	69	26	4.9	0.0
28/04/2024 13:10	2.8	65	21	4.4	0.0
28/04/2024 13:20	2.7	62	23	4.4	0.0
28/04/2024 13:30	2.8	52	26	4.8	0.0
28/04/2024 13:40	2.7	65	24	4.1	0.0
28/04/2024 13:50	2.7	58	24	4.3	0.0
28/04/2024 14:00	2.5	64	20	3.9	0.0
28/04/2024 14:10	2.6	66	21	4.4	0.0
28/04/2024 14:20	2.5	61	23	4.3	0.0
28/04/2024 14:30	2.5	57	22	3.7	0.0
28/04/2024 14:40	2.8	42	22	4.8	0.0
28/04/2024 14:50	3.2	40	23	5.0	0.0
28/04/2024 15:00	3.2	48	21	5.5	0.0
28/04/2024 15:10	2.7	62	20	4.1	0.0
28/04/2024 15:20	2.7	68	21	3.9	0.0
28/04/2024 15:30	2.5	69	20	4.1	0.0
28/04/2024 15:40	2.5	68	23	3.6	0.0
28/04/2024 15:50	2.4	68	20	4.1	0.0
28/04/2024 16:00	2.3	66	21	3.5	0.0
28/04/2024 16:10	2.1	68	22	3.6	0.0
28/04/2024 16:20	2.0	63	22	2.8	0.0
28/04/2024 16:30	2.0	49	21	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 16:40	2.6	43	21	4.3	0.0
28/04/2024 16:50	2.2	43	21	3.8	0.0
28/04/2024 17:00	2.6	26	28	5.3	0.0
28/04/2024 17:10	2.5	23	32	4.2	0.0
28/04/2024 17:20	2.2	28	28	4.0	0.0
28/04/2024 17:30	2.7	18	26	4.6	0.0
28/04/2024 17:40	2.4	24	29	4.0	0.0
28/04/2024 17:50	1.9	14	32	3.6	0.0
28/04/2024 18:00	2.1	183	29	3.2	0.0
28/04/2024 18:10	1.1	20	40	2.4	0.0
28/04/2024 18:20	1.0	18	34	2.3	0.0
28/04/2024 18:30	1.6	12	28	2.8	0.0
28/04/2024 18:40	1.8	180	29	3.1	0.0
28/04/2024 18:50	2.0	351	28	3.1	0.0
28/04/2024 19:00	1.6	345	40	2.7	0.0
28/04/2024 19:10	1.8	338	26	3.2	0.0
28/04/2024 19:20	1.7	326	27	3.2	0.0
28/04/2024 19:30	1.6	340	26	2.3	0.0
28/04/2024 19:40	1.0	352	33	1.8	0.0
28/04/2024 19:50	1.0	3	40	2.0	0.0
28/04/2024 20:00	0.9	179	39	2.2	0.0
28/04/2024 20:10	1.1	354	41	2.7	0.0
28/04/2024 20:20	1.2	346	25	2.8	0.0
28/04/2024 20:30	1.6	349	30	2.6	0.0
28/04/2024 20:40	1.4	353	33	2.8	0.0
28/04/2024 20:50	1.6	339	24	2.6	0.0
28/04/2024 21:00	1.3	345	34	2.4	0.0
28/04/2024 21:10	1.4	341	31	2.6	0.0
28/04/2024 21:20	1.2	320	40	2.0	0.0
28/04/2024 21:30	1.3	302	42	2.8	0.0
28/04/2024 21:40	1.2	293	50	2.4	0.0
28/04/2024 21:50	1.0	230	31	1.8	0.0
28/04/2024 22:00	0.5	231	19	1.1	0.0
28/04/2024 22:10					0.0
28/04/2024 22:20	1.1	248	13	1.5	0.0
28/04/2024 22:30	1.0	252	8	1.3	0.0
28/04/2024 22:40	1.0	258	9	1.4	0.0
28/04/2024 22:50	0.6	272	13	1.2	0.0
28/04/2024 23:00	0.6	257	11	0.9	0.0
28/04/2024 23:10	0.4	276	12	1.0	0.0
28/04/2024 23:20	0.9	269	13	1.4	0.0
28/04/2024 23:30	0.6	283	16	1.2	0.0
28/04/2024 23:40	0.1	259	5	0.7	0.0
28/04/2024 23:50					0.0
29/04/2024 00:00	0.0	330	5	0.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 00:10	0.4	318	6	0.9	0.0
29/04/2024 00:20					0.0
29/04/2024 00:30					0.0
29/04/2024 00:40					0.0
29/04/2024 00:50					0.0
29/04/2024 01:00					0.0
29/04/2024 01:10	1.1	246	5	1.9	0.0
29/04/2024 01:20	1.1	249	11	2.0	0.0
29/04/2024 01:30	0.2	246	11	0.9	0.0
29/04/2024 01:40	0.5	233	17	1.2	0.0
29/04/2024 01:50	0.4	248	10	1.3	0.0
29/04/2024 02:00	0.3	244	20	0.9	0.0
29/04/2024 02:10	0.4	212	21	1.7	0.0
29/04/2024 02:20	0.0	63	3	0.6	0.0
29/04/2024 02:30					0.0
29/04/2024 02:40					0.0
29/04/2024 02:50	0.1	240	9	0.6	0.0
29/04/2024 03:00	0.6	214	24	1.6	0.0
29/04/2024 03:10	1.0	209	27	1.6	0.0
29/04/2024 03:20	0.6	201	24	1.6	0.0
29/04/2024 03:30	0.6	190	10	1.6	0.0
29/04/2024 03:40	1.6	204	21	2.4	0.0
29/04/2024 03:50	1.6	203	18	2.6	0.0
29/04/2024 04:00	2.1	196	22	3.3	0.0
29/04/2024 04:10	2.0	203	19	3.6	0.0
29/04/2024 04:20	1.4	204	27	2.6	0.0
29/04/2024 04:30	1.7	193	29	3.2	0.0
29/04/2024 04:40	1.9	195	18	3.2	0.0
29/04/2024 04:50	0.4	214	43	1.3	0.0
29/04/2024 05:00	0.2	246	15	1.1	0.0
29/04/2024 05:10	1.3	205	27	2.8	0.0
29/04/2024 05:20	1.6	175	29	3.2	0.0
29/04/2024 05:30	1.5	165	25	4.0	0.0
29/04/2024 05:40	1.5	144	33	2.5	0.0
29/04/2024 05:50	0.7	117	28	1.5	0.0
29/04/2024 06:00	0.4	46	20	1.0	0.0
29/04/2024 06:10	0.4	29	16	0.9	0.0
29/04/2024 06:20	0.5	19	12	1.0	0.0
29/04/2024 06:30	0.1	186	14	0.7	0.0
29/04/2024 06:40	0.5	184	33	1.2	0.0
29/04/2024 06:50	0.2	180	16	0.8	0.0
29/04/2024 07:00	0.6	349	13	1.1	0.0
29/04/2024 07:10	0.0	46	1	0.6	0.0
29/04/2024 07:20					0.0
29/04/2024 07:30	0.2	59	11	0.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 07:40	0.1	19	11	0.8	0.0
29/04/2024 07:50	0.2	63	5	0.8	0.0
29/04/2024 08:00	0.6	89	24	1.2	0.0
29/04/2024 08:10	0.7	95	27	1.5	0.0
29/04/2024 08:20	0.8	87	24	1.7	0.0
29/04/2024 08:30	0.8	103	31	1.6	0.0
29/04/2024 08:40	1.1	112	27	1.8	0.0
29/04/2024 08:50	1.0	99	25	1.9	0.0
29/04/2024 09:00	1.2	106	28	2.4	0.0
29/04/2024 09:10	1.5	117	28	2.5	0.0
29/04/2024 09:20	1.6	126	37	2.5	0.0
29/04/2024 09:30	1.5	120	30	2.4	0.0
29/04/2024 09:40	1.6	126	32	2.4	0.0
29/04/2024 09:50	1.5	110	30	2.7	0.0
29/04/2024 10:00	1.8	122	29	2.7	0.0
29/04/2024 10:10	1.7	108	31	2.8	0.0
29/04/2024 10:20	2.0	95	29	3.3	0.0
29/04/2024 10:30	2.3	70	30	4.2	0.0
29/04/2024 10:40	2.7	69	23	5.4	0.0
29/04/2024 10:50	2.9	58	24	4.8	0.0
29/04/2024 11:00	2.8	64	24	4.8	0.0
29/04/2024 11:10	2.9	64	23	5.2	0.0
29/04/2024 11:20	2.8	75	26	4.4	0.0
29/04/2024 11:30	2.9	72	21	5.4	0.0
29/04/2024 11:40	3.2	67	24	5.2	0.0
29/04/2024 11:50	2.9	62	23	4.9	0.0
29/04/2024 12:00	3.0	58	25	5.6	0.0
29/04/2024 12:10	3.2	70	24	5.2	0.0
29/04/2024 12:20	3.2	61	23	6.0	0.0
29/04/2024 12:30	3.4	69	23	6.0	0.0
29/04/2024 12:40	3.1	63	22	4.8	0.0
29/04/2024 12:50	3.2	63	23	5.2	0.0
29/04/2024 13:00	3.4	63	23	5.6	0.0
29/04/2024 13:10	3.3	62	20	6.0	0.0
29/04/2024 13:20	3.1	72	24	4.9	0.0
29/04/2024 13:30	3.3	56	24	5.4	0.0
29/04/2024 13:40	3.1	60	25	4.7	0.0
29/04/2024 13:50	3.4	59	23	5.1	0.0
29/04/2024 14:00	3.3	49	21	5.2	0.0
29/04/2024 14:10	3.6	51	23	6.1	0.0
29/04/2024 14:20	3.2	49	23	5.0	0.0
29/04/2024 14:30	3.7	51	20	5.6	0.0
29/04/2024 14:40	3.6	46	21	6.0	0.0
29/04/2024 14:50	3.7	45	20	5.5	0.0
29/04/2024 15:00	3.8	50	20	6.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 15:10	3.3	50	21	5.2	0.0
29/04/2024 15:20	2.9	51	20	4.6	0.0
29/04/2024 15:30	3.3	44	21	5.2	0.0
29/04/2024 15:40	3.5	39	21	5.5	0.0
29/04/2024 15:50	3.1	35	19	4.5	0.0
29/04/2024 16:00	3.0	40	25	5.2	0.0
29/04/2024 16:10	3.1	41	20	5.4	0.0
29/04/2024 16:20	3.0	39	21	4.4	0.0
29/04/2024 16:30	3.1	44	20	4.9	0.0
29/04/2024 16:40	2.7	35	20	4.4	0.0
29/04/2024 16:50	2.7	37	26	4.0	0.0
29/04/2024 17:00	2.9	39	22	4.8	0.0
29/04/2024 17:10	2.9	37	23	4.7	0.0
29/04/2024 17:20	2.6	34	21	4.1	0.0
29/04/2024 17:30	2.5	33	22	4.3	0.0
29/04/2024 17:40	2.4	35	21	3.6	0.0
29/04/2024 17:50	2.1	35	20	3.6	0.0
29/04/2024 18:00	1.8	30	19	3.1	0.0
29/04/2024 18:10	1.8	34	21	2.8	0.0
29/04/2024 18:20	2.0	30	20	3.2	0.0
29/04/2024 18:30	2.0	28	25	3.6	0.0
29/04/2024 18:40	1.9	33	24	3.2	0.0
29/04/2024 18:50	1.6	36	20	2.5	0.0
29/04/2024 19:00	1.4	34	18	2.1	0.0
29/04/2024 19:10	1.8	24	23	2.8	0.0
29/04/2024 19:20	1.8	28	26	2.9	0.0
29/04/2024 19:30	1.7	10	29	3.1	0.0
29/04/2024 19:40	2.1	23	25	3.2	0.0
29/04/2024 19:50	2.1	18	26	3.3	0.0
29/04/2024 20:00	2.1	22	23	3.3	0.0
29/04/2024 20:10	2.0	14	23	3.0	0.0
29/04/2024 20:20	1.6	15	19	2.3	0.0
29/04/2024 20:30	1.0	31	23	2.0	0.0
29/04/2024 20:40	0.8	50	16	1.7	0.0
29/04/2024 20:50	0.2	45	11	0.8	0.0
29/04/2024 21:00					0.0
29/04/2024 21:10					0.0
29/04/2024 21:20	0.0	93	1	0.4	0.0
29/04/2024 21:30					0.0
29/04/2024 21:40					0.0
29/04/2024 21:50	0.0	64	2	0.4	0.0
29/04/2024 22:00	0.6	248	14	1.6	0.0
29/04/2024 22:10	2.6	234	18	4.0	0.0
29/04/2024 22:20	1.7	231	18	3.1	0.0
29/04/2024 22:30	2.1	261	16	3.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 22:40	2.4	252	14	3.5	0.0
29/04/2024 22:50	1.9	243	16	3.0	0.0
29/04/2024 23:00	0.7	157	50	1.6	0.0
29/04/2024 23:10	0.4	264	12	1.1	0.0
29/04/2024 23:20	1.1	263	11	1.8	0.0
29/04/2024 23:30	0.6	253	7	1.1	0.0
29/04/2024 23:40	0.6	227	12	1.2	0.0
29/04/2024 23:50					0.0
30/04/2024 00:00					0.0
30/04/2024 00:10	1.7	241	22	3.2	0.0
30/04/2024 00:20	1.0	243	18	2.3	0.0
30/04/2024 00:30	1.4	249	19	2.1	0.0
30/04/2024 00:40	0.9	337	25	1.3	0.0
30/04/2024 00:50	0.9	333	9	1.2	0.0
30/04/2024 01:00	0.5	332	18	1.1	0.0
30/04/2024 01:10	0.7	271	15	1.2	0.0
30/04/2024 01:20	0.6	294	15	1.2	0.0
30/04/2024 01:30	0.6	287	5	1.3	0.0
30/04/2024 01:40	0.7	318	26	1.6	0.0
30/04/2024 01:50	0.5	345	19	0.9	0.0
30/04/2024 02:00	0.6	354	8	1.2	0.0
30/04/2024 02:10	0.6	344	8	1.2	0.0
30/04/2024 02:20	0.4	329	12	0.8	0.0
30/04/2024 02:30	0.5	172	10	1.0	0.0
30/04/2024 02:40	0.2	181	8	0.7	0.0
30/04/2024 02:50	0.4	231	47	1.1	0.0
30/04/2024 03:00	0.5	226	12	1.4	0.0
30/04/2024 03:10	0.0	5	5	0.6	0.0
30/04/2024 03:20	0.1	9	6	0.6	0.0
30/04/2024 03:30					0.0
30/04/2024 03:40					0.0
30/04/2024 03:50	0.1	184	6	0.8	0.0
30/04/2024 04:00	0.0	54	1	0.4	0.0
30/04/2024 04:10	0.0	347	4	0.6	0.0
30/04/2024 04:20	0.1	199	11	0.6	0.0
30/04/2024 04:30	0.2	61	17	0.9	0.0
30/04/2024 04:40	0.4	23	15	0.8	0.0
30/04/2024 04:50	0.4	11	13	0.9	0.0
30/04/2024 05:00	0.9	357	19	1.4	0.0
30/04/2024 05:10	0.7	11	17	1.0	0.0
30/04/2024 05:20	0.2	20	8	0.7	0.0
30/04/2024 05:30	0.3	37	21	0.9	0.0
30/04/2024 05:40	0.3	31	21	0.8	0.0
30/04/2024 05:50	0.7	37	23	1.2	0.0
30/04/2024 06:00	0.0	354	9	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 06:10	0.1	15	9	0.5	0.0
30/04/2024 06:20	0.4	36	19	1.0	0.0
30/04/2024 06:30	0.8	34	19	1.2	0.0
30/04/2024 06:40	0.7	30	18	1.2	0.0
30/04/2024 06:50	0.1	29	11	0.7	0.0
30/04/2024 07:00	0.1	28	11	0.6	0.0
30/04/2024 07:10	0.2	22	13	0.5	0.0
30/04/2024 07:20	0.5	42	15	1.2	0.0
30/04/2024 07:30	0.2	63	9	0.7	0.0
30/04/2024 07:40	0.3	66	20	0.8	0.0
30/04/2024 07:50	0.6	89	29	1.3	0.0
30/04/2024 08:00	0.9	105	26	1.8	0.0
30/04/2024 08:10	1.3	93	30	2.4	0.0
30/04/2024 08:20	1.6	107	31	2.8	0.0
30/04/2024 08:30	1.7	107	31	2.6	0.0
30/04/2024 08:40	1.6	99	32	2.7	0.0
30/04/2024 08:50	1.9	96	33	4.0	0.0
30/04/2024 09:00	2.3	97	34	3.7	0.0
30/04/2024 09:10	2.3	102	31	4.1	0.0
30/04/2024 09:20	2.4	98	31	3.9	0.0
30/04/2024 09:30	2.5	101	32	4.9	0.0
30/04/2024 09:40	2.5	100	32	4.5	0.0
30/04/2024 09:50	2.2	95	29	3.9	0.0
30/04/2024 10:00	3.0	90	24	5.4	0.0
30/04/2024 10:10	3.1	90	32	4.7	0.0
30/04/2024 10:20	3.4	89	29	5.6	0.0
30/04/2024 10:30	3.2	92	26	5.1	0.0
30/04/2024 10:40	3.4	89	23	5.4	0.0
30/04/2024 10:50	2.9	75	22	5.1	0.0
30/04/2024 11:00	3.1	84	24	4.9	0.0
30/04/2024 11:10	3.0	70	27	5.2	0.0
30/04/2024 11:20	3.6	70	22	5.7	0.0
30/04/2024 11:30	3.4	83	25	5.8	0.0
30/04/2024 11:40	3.2	82	28	5.6	0.0
30/04/2024 11:50	3.0	74	24	5.3	0.0
30/04/2024 12:00	3.0	62	21	5.1	0.0
30/04/2024 12:10	3.1	59	22	5.2	0.0
30/04/2024 12:20	3.2	61	23	5.7	0.0
30/04/2024 12:30	3.4	60	22	5.0	0.0
30/04/2024 12:40	3.1	61	25	4.5	0.0
30/04/2024 12:50	3.3	65	26	5.6	0.0
30/04/2024 13:00	3.2	75	21	5.1	0.0
30/04/2024 13:10	2.9	62	25	4.5	0.0
30/04/2024 13:20	3.1	55	21	5.0	0.0
30/04/2024 13:30	3.5	57	24	5.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 13:40	3.5	42	20	5.2	0.0
30/04/2024 13:50	3.6	56	25	5.2	0.0
30/04/2024 14:00	3.2	52	20	5.2	0.0
30/04/2024 14:10	3.5	51	20	5.3	0.0
30/04/2024 14:20	3.5	41	19	5.2	0.0
30/04/2024 14:30	3.5	52	20	5.6	0.0
30/04/2024 14:40	3.5	48	22	5.6	0.0
30/04/2024 14:50	3.0	48	22	4.8	0.0
30/04/2024 15:00	3.2	55	22	5.3	0.0
30/04/2024 15:10	3.6	52	20	5.6	0.0
30/04/2024 15:20	3.3	56	20	5.4	0.0
30/04/2024 15:30	3.0	55	21	5.2	0.0
30/04/2024 15:40	2.8	51	23	4.7	0.0
30/04/2024 15:50	3.1	46	22	5.0	0.0
30/04/2024 16:00	3.3	48	20	4.9	0.0
30/04/2024 16:10	3.2	50	18	5.2	0.0
30/04/2024 16:20	2.7	54	25	4.8	0.0
30/04/2024 16:30	2.5	43	24	4.0	0.0
30/04/2024 16:40	2.9	45	20	4.8	0.0
30/04/2024 16:50	2.7	44	24	4.8	0.0
30/04/2024 17:00	2.5	45	18	4.3	0.0
30/04/2024 17:10	2.1	49	17	3.3	0.0
30/04/2024 17:20	2.4	47	20	4.0	0.0
30/04/2024 17:30	2.3	47	20	3.8	0.0
30/04/2024 17:40	1.9	52	14	3.2	0.0
30/04/2024 17:50	1.8	48	18	2.9	0.0
30/04/2024 18:00	1.7	51	19	2.8	0.0
30/04/2024 18:10	1.4	50	24	2.4	0.0
30/04/2024 18:20	0.9	48	19	1.3	0.0
30/04/2024 18:30	0.9	51	20	1.5	0.0
30/04/2024 18:40	1.6	34	19	2.8	0.0
30/04/2024 18:50	1.8	42	18	2.7	0.0
30/04/2024 19:00	1.4	41	20	2.2	0.0
30/04/2024 19:10	1.2	48	17	2.0	0.0
30/04/2024 19:20	1.0	44	14	1.4	0.0
30/04/2024 19:30	1.2	43	18	2.0	0.0
30/04/2024 19:40	1.4	43	19	2.1	0.0
30/04/2024 19:50	1.4	43	18	2.2	0.0
30/04/2024 20:00	1.3	42	19	2.3	0.0
30/04/2024 20:10	1.4	43	18	2.0	0.0
30/04/2024 20:20	1.4	43	16	2.1	0.0
30/04/2024 20:30	1.4	43	19	2.5	0.0
30/04/2024 20:40	1.4	45	17	2.0	0.0
30/04/2024 20:50	1.3	40	19	1.9	0.0
30/04/2024 21:00	1.4	35	20	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 21:10	1.5	35	18	2.3	0.0
30/04/2024 21:20	1.3	36	15	1.7	0.0
30/04/2024 21:30	1.2	34	17	1.7	0.0
30/04/2024 21:40	1.0	33	14	1.5	0.0
30/04/2024 21:50	0.9	35	14	1.5	0.0
30/04/2024 22:00	0.8	34	16	1.3	0.0
30/04/2024 22:10	0.7	34	17	1.2	0.0
30/04/2024 22:20	0.1	27	6	0.5	0.0
30/04/2024 22:30	0.3	20	6	0.8	0.0
30/04/2024 22:40	0.6	25	11	1.2	0.0
30/04/2024 22:50	0.5	28	14	1.1	0.0
30/04/2024 23:00	0.4	23	13	0.8	0.0
30/04/2024 23:10	0.3	27	10	0.8	0.0
30/04/2024 23:20	0.4	20	9	0.9	0.0
30/04/2024 23:30	0.3	25	10	0.6	0.0
30/04/2024 23:40	0.2	20	5	0.6	0.0
30/04/2024 23:50	0.0	7	1	0.4	0.0
01/05/2024 00:00					0.0
01/05/2024 00:10					0.0
01/05/2024 00:20					0.0
01/05/2024 00:30					0.0
01/05/2024 00:40	0.0	38	4	0.6	0.0
01/05/2024 00:50	0.0	44	0	0.4	0.0
01/05/2024 01:00					0.0
01/05/2024 01:10					0.0
01/05/2024 01:20					0.0
01/05/2024 01:30					0.0
01/05/2024 01:40					0.0
01/05/2024 01:50					0.0
01/05/2024 02:00					0.0
01/05/2024 02:10					0.0
01/05/2024 02:20					0.0
01/05/2024 02:30					0.0
01/05/2024 02:40					0.0
01/05/2024 02:50	0.0	32	0	0.4	0.0
01/05/2024 03:00	0.2	48	12	0.7	0.0
01/05/2024 03:10	0.1	46	8	0.5	0.0
01/05/2024 03:20	0.1	43	11	0.6	0.0
01/05/2024 03:30	0.1	85	10	1.0	0.0
01/05/2024 03:40	0.1	60	4	0.5	0.0
01/05/2024 03:50	0.0	70	6	0.4	0.0
01/05/2024 04:00	0.1	72	16	1.2	0.0
01/05/2024 04:10	0.2	80	9	0.8	0.0
01/05/2024 04:20	0.4	80	19	1.2	0.0
01/05/2024 04:30	0.5	65	24	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 04:40	0.8	70	34	1.6	0.0
01/05/2024 04:50	0.7	73	35	1.5	0.0
01/05/2024 05:00	0.7	71	30	1.2	0.0
01/05/2024 05:10	0.6	79	25	1.1	0.0
01/05/2024 05:20	0.3	76	27	1.3	0.0
01/05/2024 05:30	0.5	102	24	2.0	0.0
01/05/2024 05:40	1.0	88	28	2.0	0.0
01/05/2024 05:50	1.0	84	26	1.8	0.0
01/05/2024 06:00	0.8	86	29	1.6	0.0
01/05/2024 06:10	1.0	88	30	2.2	0.0
01/05/2024 06:20	1.0	88	24	2.1	0.0
01/05/2024 06:30	0.7	91	22	1.3	0.0
01/05/2024 06:40	0.9	96	24	2.1	0.0
01/05/2024 06:50	1.2	92	36	2.5	0.0
01/05/2024 07:00	1.1	109	34	2.4	0.0
01/05/2024 07:10	1.4	116	36	3.1	0.0
01/05/2024 07:20	1.7	118	33	3.0	0.0
01/05/2024 07:30	1.7	107	36	3.1	0.0
01/05/2024 07:40	2.1	110	30	4.0	0.0
01/05/2024 07:50	2.1	107	29	3.4	0.0
01/05/2024 08:00	2.3	114	38	3.5	0.0
01/05/2024 08:10	2.3	115	32	4.1	0.0
01/05/2024 08:20	2.5	112	32	4.4	0.0
01/05/2024 08:30	3.1	109	34	5.2	0.0
01/05/2024 08:40	2.7	108	36	4.8	0.0
01/05/2024 08:50	3.2	104	28	5.7	0.0
01/05/2024 09:00	3.4	101	28	6.4	0.0
01/05/2024 09:10	3.5	101	33	5.5	0.0
01/05/2024 09:20	3.3	107	29	5.3	0.0
01/05/2024 09:30	3.1	101	31	5.5	0.0
01/05/2024 09:40	3.1	103	37	6.0	0.0
01/05/2024 09:50	3.0	104	31	4.8	0.0
01/05/2024 10:00	3.0	105	30	5.0	0.0
01/05/2024 10:10	3.0	95	34	4.7	0.0
01/05/2024 10:20	2.7	102	30	4.8	0.0
01/05/2024 10:30	2.9	105	33	4.8	0.0
01/05/2024 10:40	2.7	105	32	4.9	0.0
01/05/2024 10:50	2.7	104	31	4.5	0.0
01/05/2024 11:00	2.5	93	30	4.8	0.0
01/05/2024 11:10	3.1	87	29	4.7	0.0
01/05/2024 11:20	3.1	90	24	5.1	0.0
01/05/2024 11:30	2.9	82	28	4.6	0.0
01/05/2024 11:40	2.8	78	24	4.7	0.0
01/05/2024 11:50	3.2	68	24	4.8	0.0
01/05/2024 12:00	3.0	77	26	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 12:10	3.2	77	23	5.1	0.0
01/05/2024 12:20	3.4	80	26	5.2	0.0
01/05/2024 12:30	3.0	69	27	5.2	0.0
01/05/2024 12:40	3.0	64	29	4.8	0.0
01/05/2024 12:50	3.2	58	22	5.3	0.0
01/05/2024 13:00	3.5	56	20	6.3	0.0
01/05/2024 13:10	3.4	58	21	5.8	0.0
01/05/2024 13:20	3.3	54	22	5.2	0.0
01/05/2024 13:30	3.3	66	20	5.5	0.0
01/05/2024 13:40	3.4	61	23	4.9	0.0
01/05/2024 13:50	3.2	59	23	5.2	0.0
01/05/2024 14:00	3.3	58	23	5.2	0.0
01/05/2024 14:10	3.3	50	21	5.4	0.0
01/05/2024 14:20	3.2	58	23	5.2	0.0
01/05/2024 14:30	3.5	49	20	5.8	0.0
01/05/2024 14:40	3.6	50	21	5.2	0.0
01/05/2024 14:50	3.7	47	20	5.6	0.0
01/05/2024 15:00	3.6	51	22	5.1	0.0
01/05/2024 15:10	3.5	48	21	5.7	0.0
01/05/2024 15:20	3.8	46	19	6.4	0.0
01/05/2024 15:30	3.5	39	23	5.7	0.0
01/05/2024 15:40	3.5	40	24	5.2	0.0
01/05/2024 15:50	3.3	40	21	4.9	0.0
01/05/2024 16:00	3.3	44	22	5.2	0.0
01/05/2024 16:10	3.3	45	22	5.1	0.0
01/05/2024 16:20	3.2	51	17	5.4	0.0
01/05/2024 16:30	2.7	45	19	4.4	0.0
01/05/2024 16:40	2.2	55	20	3.2	0.0
01/05/2024 16:50	2.6	47	18	4.0	0.0
01/05/2024 17:00	2.4	48	20	3.8	0.0
01/05/2024 17:10	2.1	45	18	3.0	0.0
01/05/2024 17:20	2.2	49	16	3.4	0.0
01/05/2024 17:30	2.2	48	18	3.5	0.0
01/05/2024 17:40	2.2	41	19	3.4	0.0
01/05/2024 17:50	2.3	42	21	3.5	0.0
01/05/2024 18:00	2.2	39	20	3.5	0.0
01/05/2024 18:10	2.1	37	19	3.1	0.0
01/05/2024 18:20	2.1	37	20	3.4	0.0
01/05/2024 18:30	2.2	38	18	3.2	0.0
01/05/2024 18:40	2.3	36	19	3.7	0.0
01/05/2024 18:50	2.0	32	19	3.2	0.0
01/05/2024 19:00	1.9	31	17	3.2	0.0
01/05/2024 19:10	2.0	26	18	3.4	0.0
01/05/2024 19:20	1.6	26	20	2.6	0.0
01/05/2024 19:30	1.3	22	22	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
01/05/2024 19:40	1.0	20	21	1.9	0.0
01/05/2024 19:50	0.8	27	18	1.4	0.0
01/05/2024 20:00	1.2	23	19	2.0	0.0
01/05/2024 20:10	1.4	24	18	2.2	0.0
01/05/2024 20:20	0.8	24	12	1.3	0.0
01/05/2024 20:30	0.9	27	13	1.5	0.0
01/05/2024 20:40	0.9	38	12	1.2	0.0
01/05/2024 20:50	1.0	30	15	1.4	0.0
01/05/2024 21:00	0.3	50	15	0.8	0.0
01/05/2024 21:10	0.0	109	0	0.4	0.0
01/05/2024 21:20	0.0	245	0	0.4	0.0
01/05/2024 21:30	0.2	267	2	0.5	0.0
01/05/2024 21:40	0.4	349	9	0.9	0.0
01/05/2024 21:50	0.5	349	15	0.9	0.0
01/05/2024 22:00	0.1	331	2	0.6	0.0
01/05/2024 22:10					0.0
01/05/2024 22:20					0.0
01/05/2024 22:30					0.0
01/05/2024 22:40					0.0
01/05/2024 22:50					0.0
01/05/2024 23:00					0.0
01/05/2024 23:10	0.7	349	10	1.2	0.0
01/05/2024 23:20	0.6	343	6	1.2	0.0
01/05/2024 23:30	0.9	346	12	1.3	0.0
01/05/2024 23:40	0.6	340	8	0.8	0.0
01/05/2024 23:50	0.3	177	20	1.0	0.0
02/05/2024 00:00	0.2	324	11	0.7	0.0
02/05/2024 00:10	0.0	89	0	0.4	0.0
02/05/2024 00:20	0.2	342	3	0.8	0.0
02/05/2024 00:30	0.3	354	8	0.9	0.0
02/05/2024 00:40	0.0	341	1	0.4	0.0
02/05/2024 00:50	1.4	259	11	2.0	0.0
02/05/2024 01:00	1.8	254	10	2.5	0.0
02/05/2024 01:10	1.9	254	11	2.4	0.0
02/05/2024 01:20	1.7	255	15	2.4	0.0
02/05/2024 01:30	1.0	256	19	1.8	0.0
02/05/2024 01:40	0.1	303	4	0.7	0.0
02/05/2024 01:50	0.5	349	10	1.0	0.0
02/05/2024 02:00	0.5	346	29	1.2	0.0
02/05/2024 02:10	0.5	342	17	1.1	0.0
02/05/2024 02:20	0.3	173	11	0.8	0.0
02/05/2024 02:30	0.1	2	6	0.8	0.0
02/05/2024 02:40	0.0	120	0	0.4	0.0
02/05/2024 02:50	0.1	43	5	0.6	0.0
02/05/2024 03:00	0.0	180	2	0.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 03:10	0.1	243	20	0.8	0.0
02/05/2024 03:20	0.0	220	0	0.4	0.0
02/05/2024 03:30	0.3	218	13	1.2	0.0
02/05/2024 03:40	0.2	233	7	1.4	0.0
02/05/2024 03:50	1.1	225	15	1.6	0.0
02/05/2024 04:00	0.7	226	20	1.6	0.0
02/05/2024 04:10	0.5	217	20	1.3	0.0
02/05/2024 04:20	0.8	218	32	1.4	0.0
02/05/2024 04:30	0.1	148	13	0.8	0.0
02/05/2024 04:40					0.0
02/05/2024 04:50					0.0
02/05/2024 05:00	0.3	247	5	1.1	0.0
02/05/2024 05:10	0.4	236	16	1.3	0.0
02/05/2024 05:20	0.1	107	14	0.9	0.0
02/05/2024 05:30					0.0
02/05/2024 05:40	0.2	248	4	1.1	0.0
02/05/2024 05:50	0.0	260	0	0.4	0.0
02/05/2024 06:00	0.0	237	3	0.4	0.0
02/05/2024 06:10	0.2	129	21	1.0	0.0
02/05/2024 06:20	0.1	91	10	0.6	0.0
02/05/2024 06:30	0.2	31	11	0.8	0.0
02/05/2024 06:40	0.3	42	16	0.8	0.0
02/05/2024 06:50	0.7	40	21	1.1	0.0
02/05/2024 07:00	0.5	59	27	1.2	0.0
02/05/2024 07:10	0.5	58	23	1.3	0.0
02/05/2024 07:20	0.5	65	16	1.3	0.0
02/05/2024 07:30	1.1	76	20	2.3	0.0
02/05/2024 07:40	1.3	75	24	2.5	0.0
02/05/2024 07:50	1.8	75	23	3.0	0.0
02/05/2024 08:00	1.5	78	26	2.4	0.0
02/05/2024 08:10	1.4	81	19	2.4	0.0
02/05/2024 08:20	1.2	94	25	1.9	0.0
02/05/2024 08:30	1.6	79	25	2.9	0.0
02/05/2024 08:40	2.0	84	22	3.1	0.0
02/05/2024 08:50	1.5	87	32	2.4	0.0
02/05/2024 09:00	1.8	89	30	3.2	0.0
02/05/2024 09:10	2.4	71	27	4.0	0.0
02/05/2024 09:20	2.6	71	23	4.7	0.0
02/05/2024 09:30	2.4	78	24	4.4	0.0
02/05/2024 09:40	2.6	66	24	4.8	0.0
02/05/2024 09:50	2.6	73	30	4.4	0.0
02/05/2024 10:00	2.7	83	30	5.2	0.0
02/05/2024 10:10	2.8	85	25	5.2	0.0
02/05/2024 10:20	3.1	81	27	4.9	0.0
02/05/2024 10:30	2.8	83	28	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 10:40	2.6	70	23	5.0	0.0
02/05/2024 10:50	2.6	71	26	4.4	0.0
02/05/2024 11:00	2.6	77	27	4.8	0.0
02/05/2024 11:10	2.4	80	29	3.9	0.0
02/05/2024 11:20	3.0	67	24	4.5	0.0
02/05/2024 11:30	3.1	56	24	4.7	0.0
02/05/2024 11:40	2.8	61	26	4.9	0.0
02/05/2024 11:50	2.9	60	24	4.7	0.0
02/05/2024 12:00	3.1	55	22	5.6	0.0
02/05/2024 12:10	3.1	53	26	6.0	0.0
02/05/2024 12:20	2.9	54	25	5.2	0.0
02/05/2024 12:30	3.0	59	20	5.2	0.0
02/05/2024 12:40	3.2	60	25	5.2	0.0
02/05/2024 12:50	3.0	56	20	4.8	0.0
02/05/2024 13:00	2.9	57	26	6.3	0.0
02/05/2024 13:10	2.8	62	25	4.4	0.0
02/05/2024 13:20	2.9	60	23	4.7	0.0
02/05/2024 13:30	2.9	58	22	4.8	0.0
02/05/2024 13:40	3.2	65	23	5.2	0.0
02/05/2024 13:50	3.0	57	23	4.9	0.0
02/05/2024 14:00	3.5	56	21	5.3	0.0
02/05/2024 14:10	3.2	55	22	5.2	0.0
02/05/2024 14:20	3.7	50	21	5.7	0.0
02/05/2024 14:30	3.7	54	22	6.1	0.0
02/05/2024 14:40	3.5	54	21	5.7	0.0
02/05/2024 14:50	3.3	54	21	5.4	0.0
02/05/2024 15:00	3.0	52	20	4.4	0.0
02/05/2024 15:10	3.4	59	21	5.6	0.0
02/05/2024 15:20	3.5	48	24	5.6	0.0
02/05/2024 15:30	3.5	45	20	5.5	0.0
02/05/2024 15:40	4.2	46	20	6.4	0.0
02/05/2024 15:50	3.7	44	23	6.3	0.0
02/05/2024 16:00	4.1	45	19	6.5	0.0
02/05/2024 16:10	4.2	45	19	6.4	0.0
02/05/2024 16:20	3.7	49	17	6.0	0.0
02/05/2024 16:30	3.7	45	21	6.0	0.0
02/05/2024 16:40	3.9	46	22	6.0	0.0
02/05/2024 16:50	3.6	49	22	5.8	0.0
02/05/2024 17:00	3.4	53	18	5.4	0.0
02/05/2024 17:10	3.0	46	21	4.7	0.0
02/05/2024 17:20	2.6	45	19	3.9	0.0
02/05/2024 17:30	2.8	48	19	4.3	0.0
02/05/2024 17:40	2.5	46	19	3.8	0.0
02/05/2024 17:50	2.2	46	20	3.7	0.0
02/05/2024 18:00	2.1	38	20	3.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
02/05/2024 18:10	2.0	40	21	2.9	0.0
02/05/2024 18:20	1.9	36	22	3.6	0.0
02/05/2024 18:30	1.9	34	22	2.7	0.0
02/05/2024 18:40	2.0	39	17	3.6	0.0
02/05/2024 18:50	1.6	35	17	2.6	0.0
02/05/2024 19:00	1.9	33	20	2.8	0.0
02/05/2024 19:10	1.7	39	17	2.7	0.0
02/05/2024 19:20	1.8	39	23	2.8	0.0
02/05/2024 19:30	1.9	39	22	3.2	0.0
02/05/2024 19:40	1.6	39	18	2.7	0.0
02/05/2024 19:50	1.3	39	21	2.0	0.0
02/05/2024 20:00	1.1	40	15	1.7	0.0
02/05/2024 20:10	1.0	39	12	1.4	0.0
02/05/2024 20:20	0.6	31	13	1.0	0.0
02/05/2024 20:30	0.7	29	13	1.1	0.0
02/05/2024 20:40	0.7	25	15	1.1	0.0
02/05/2024 20:50	0.4	29	12	0.8	0.0
02/05/2024 21:00	0.3	19	9	0.8	0.0
02/05/2024 21:10	0.4	16	12	0.8	0.0
02/05/2024 21:20	0.4	26	12	0.8	0.0
02/05/2024 21:30					0.0
02/05/2024 21:40					0.0
02/05/2024 21:50					0.0
02/05/2024 22:00					0.0
02/05/2024 22:10					0.0
02/05/2024 22:20					0.0
02/05/2024 22:30					0.0
02/05/2024 22:40					0.0
02/05/2024 22:50					0.0
02/05/2024 23:00					0.0
02/05/2024 23:10					0.0
02/05/2024 23:20	0.3	29	13	1.1	0.0
02/05/2024 23:30	0.3	40	12	0.8	0.0
02/05/2024 23:40	0.3	26	5	0.9	0.0
02/05/2024 23:50					0.0
03/05/2024 00:00					0.0
03/05/2024 00:10	0.2	51	8	0.8	0.0
03/05/2024 00:20	0.2	110	17	1.1	0.0
03/05/2024 00:30	0.2	82	16	0.7	0.0
03/05/2024 00:40	0.3	33	6	0.8	0.0
03/05/2024 00:50	0.5	44	13	1.1	0.0
03/05/2024 01:00	0.4	54	15	0.9	0.0
03/05/2024 01:10	0.3	47	12	0.9	0.0
03/05/2024 01:20	0.2	50	21	0.9	0.0
03/05/2024 01:30	0.3	16	25	1.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 01:40	0.2	344	5	0.8	0.0
03/05/2024 01:50	0.2	26	11	1.0	0.0
03/05/2024 02:00					0.0
03/05/2024 02:10					0.0
03/05/2024 02:20					0.0
03/05/2024 02:30					0.0
03/05/2024 02:40					0.0
03/05/2024 02:50					0.0
03/05/2024 03:00					0.0
03/05/2024 03:10					0.0
03/05/2024 03:20					0.0
03/05/2024 03:30	0.0	53	7	0.5	0.0
03/05/2024 03:40					0.0
03/05/2024 03:50					0.0
03/05/2024 04:00					0.0
03/05/2024 04:10					0.0
03/05/2024 04:20					0.0
03/05/2024 04:30	0.0	7	4	0.4	0.0
03/05/2024 04:40					0.0
03/05/2024 04:50	0.3	87	16	1.4	0.0
03/05/2024 05:00	0.7	57	32	2.0	0.0
03/05/2024 05:10	0.1	67	10	0.8	0.0
03/05/2024 05:20	0.8	50	29	1.6	0.0
03/05/2024 05:30	0.7	54	32	1.2	0.0
03/05/2024 05:40	0.5	53	30	1.1	0.0
03/05/2024 05:50	0.8	40	26	1.2	0.0
03/05/2024 06:00	0.7	49	31	1.6	0.0
03/05/2024 06:10	0.3	50	23	0.8	0.0
03/05/2024 06:20	0.6	52	38	1.5	0.0
03/05/2024 06:30	1.0	71	32	2.3	0.0
03/05/2024 06:40	1.0	68	36	2.0	0.0
03/05/2024 06:50	0.9	70	30	2.0	0.0
03/05/2024 07:00	1.7	90	25	2.8	0.0
03/05/2024 07:10	1.4	91	26	3.3	0.0
03/05/2024 07:20	1.6	98	28	2.7	0.0
03/05/2024 07:30	1.5	96	24	3.2	0.0
03/05/2024 07:40	1.6	106	33	2.5	0.0
03/05/2024 07:50	1.6	112	29	2.9	0.0
03/05/2024 08:00	1.4	118	26	2.6	0.0
03/05/2024 08:10	1.4	134	33	2.5	0.0
03/05/2024 08:20	1.4	122	28	2.6	0.0
03/05/2024 08:30	1.4	123	24	2.5	0.0
03/05/2024 08:40	1.8	115	26	3.0	0.0
03/05/2024 08:50	1.8	114	33	3.2	0.0
03/05/2024 09:00	2.6	105	31	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 09:10	2.5	95	32	4.4	0.0
03/05/2024 09:20	3.2	87	29	6.0	0.0
03/05/2024 09:30	3.7	82	21	6.0	0.0
03/05/2024 09:40	3.8	83	26	5.9	0.0
03/05/2024 09:50	3.6	82	27	6.0	0.0
03/05/2024 10:00	3.2	87	29	5.2	0.0
03/05/2024 10:10	3.6	89	26	5.6	0.0
03/05/2024 10:20	3.5	76	24	5.5	0.0
03/05/2024 10:30	3.0	74	27	5.5	0.0
03/05/2024 10:40	3.6	72	22	6.0	0.0
03/05/2024 10:50	3.4	73	25	6.5	0.0
03/05/2024 11:00	3.7	86	25	6.4	0.0
03/05/2024 11:10	2.8	79	29	4.7	0.0
03/05/2024 11:20	3.1	64	23	5.6	0.0
03/05/2024 11:30	3.3	60	21	5.2	0.0
03/05/2024 11:40	3.1	62	24	5.2	0.0
03/05/2024 11:50	3.0	58	23	4.8	0.0
03/05/2024 12:00	3.2	60	22	5.0	0.0
03/05/2024 12:10	3.4	56	24	5.4	0.0
03/05/2024 12:20	2.9	59	22	5.0	0.0
03/05/2024 12:30	3.3	52	20	4.9	0.0
03/05/2024 12:40	3.0	54	24	5.0	0.0
03/05/2024 12:50	2.9	60	22	4.6	0.0
03/05/2024 13:00	2.9	61	24	4.6	0.0
03/05/2024 13:10	2.5	62	22	4.1	0.0
03/05/2024 13:20	2.6	55	25	4.7	0.0
03/05/2024 13:30	2.7	59	27	4.1	0.0
03/05/2024 13:40	3.0	46	24	5.2	0.0
03/05/2024 13:50	3.1	50	23	5.6	0.0
03/05/2024 14:00	3.2	52	25	5.2	0.0
03/05/2024 14:10	3.5	54	19	5.3	0.0
03/05/2024 14:20	3.5	49	19	5.4	0.0
03/05/2024 14:30	3.2	50	19	5.2	0.0
03/05/2024 14:40	3.1	53	21	4.8	0.0
03/05/2024 14:50	2.7	50	19	4.2	0.0
03/05/2024 15:00	2.9	51	19	4.6	0.0
03/05/2024 15:10	2.6	47	23	4.0	0.0
03/05/2024 15:20	2.7	50	22	4.6	0.0
03/05/2024 15:30	2.5	50	20	4.4	0.0
03/05/2024 15:40	2.5	50	22	4.0	0.0
03/05/2024 15:50	2.6	52	18	4.0	0.0
03/05/2024 16:00	2.4	53	19	4.0	0.0
03/05/2024 16:10	2.1	54	20	4.0	0.0
03/05/2024 16:20	1.9	40	22	3.1	0.0
03/05/2024 16:30	1.7	48	25	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
03/05/2024 16:40	2.0	36	27	3.5	0.0
03/05/2024 16:50	1.7	27	38	2.9	0.0
03/05/2024 17:00	2.0	170	33	3.6	0.0
03/05/2024 17:10	2.0	183	28	3.2	0.0
03/05/2024 17:20	2.1	17	27	3.8	0.0
03/05/2024 17:30	2.0	183	40	3.7	0.0
03/05/2024 17:40	1.7	20	37	3.2	0.0
03/05/2024 17:50	1.1	32	36	2.1	0.0
03/05/2024 18:00	1.3	169	31	2.5	0.0
03/05/2024 18:10	1.9	337	21	3.2	0.0
03/05/2024 18:20	2.0	344	21	3.0	0.0
03/05/2024 18:30	1.4	338	27	2.3	0.0
03/05/2024 18:40	1.4	339	26	2.3	0.0
03/05/2024 18:50	1.5	16	30	2.4	0.0
03/05/2024 19:00	1.3	187	28	2.4	0.0
03/05/2024 19:10	1.2	24	24	2.0	0.0
03/05/2024 19:20	1.5	16	23	2.5	0.0
03/05/2024 19:30	1.7	16	27	2.7	0.0
03/05/2024 19:40	1.5	19	25	2.4	0.0
03/05/2024 19:50	1.3	178	27	2.3	0.0
03/05/2024 20:00	1.1	340	25	1.8	0.0
03/05/2024 20:10	0.9	181	49	1.7	0.0
03/05/2024 20:20	0.1	134	15	0.8	0.0
03/05/2024 20:30	0.2	231	18	0.8	0.0
03/05/2024 20:40	0.6	238	8	1.2	0.0
03/05/2024 20:50	0.5	284	9	1.0	0.0
03/05/2024 21:00	0.4	332	13	0.8	0.0
03/05/2024 21:10					0.0
03/05/2024 21:20	0.9	255	8	1.2	0.0
03/05/2024 21:30	0.3	242	8	1.0	0.0
03/05/2024 21:40	1.0	245	9	1.4	0.0
03/05/2024 21:50	0.6	273	10	1.2	0.0
03/05/2024 22:00	0.4	283	9	1.2	0.0
03/05/2024 22:10	1.4	266	11	2.0	0.0
03/05/2024 22:20	1.1	256	13	1.7	0.0
03/05/2024 22:30	0.7	257	12	1.6	0.0
03/05/2024 22:40					0.0
03/05/2024 22:50					0.0
03/05/2024 23:00					0.0
03/05/2024 23:10					0.0
03/05/2024 23:20	1.1	259	9	1.9	0.0
03/05/2024 23:30	1.3	268	13	1.8	0.0
03/05/2024 23:40	1.2	263	13	1.6	0.0
03/05/2024 23:50	0.8	248	12	1.5	0.0
04/05/2024 00:00	0.5	243	8	1.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 00:10	1.3	239	13	2.1	0.0
04/05/2024 00:20					0.0
04/05/2024 00:30	1.3	247	24	2.4	0.0
04/05/2024 00:40	0.2	248	10	0.8	0.0
04/05/2024 00:50	0.9	253	11	1.6	0.0
04/05/2024 01:00	1.1	240	15	2.0	0.0
04/05/2024 01:10	1.7	253	15	2.4	0.0
04/05/2024 01:20	1.1	238	22	1.9	0.0
04/05/2024 01:30	1.6	262	13	2.3	0.0
04/05/2024 01:40	1.6	246	15	2.1	0.0
04/05/2024 01:50	1.9	260	16	2.7	0.0
04/05/2024 02:00	1.6	271	17	2.4	0.0
04/05/2024 02:10	1.4	277	24	2.2	0.0
04/05/2024 02:20	1.4	262	14	2.0	0.0
04/05/2024 02:30	1.2	242	21	2.1	0.0
04/05/2024 02:40	0.0	99	1	0.4	0.0
04/05/2024 02:50	0.1	250	14	1.1	0.0
04/05/2024 03:00	0.2	345	5	1.1	0.0
04/05/2024 03:10	0.0	16	4	0.4	0.0
04/05/2024 03:20					0.0
04/05/2024 03:30	0.6	241	25	1.2	0.0
04/05/2024 03:40	0.4	238	30	0.8	0.0
04/05/2024 03:50	0.1	161	10	0.7	0.0
04/05/2024 04:00	0.4	30	20	0.9	0.0
04/05/2024 04:10	0.5	30	19	1.0	0.0
04/05/2024 04:20	0.6	33	28	1.1	0.0
04/05/2024 04:30	0.4	30	22	0.8	0.0
04/05/2024 04:40					0.0
04/05/2024 04:50	0.0	59	0	0.4	0.0
04/05/2024 05:00					0.0
04/05/2024 05:10	0.0	65	2	0.6	0.0
04/05/2024 05:20					0.0
04/05/2024 05:30					0.0
04/05/2024 05:40					0.0
04/05/2024 05:50					0.0
04/05/2024 06:00					0.0
04/05/2024 06:10					0.0
04/05/2024 06:20					0.0
04/05/2024 06:30					0.0
04/05/2024 06:40					0.0
04/05/2024 06:50					0.0
04/05/2024 07:00	0.0	60	0	0.4	0.0
04/05/2024 07:10					0.0
04/05/2024 07:20					0.0
04/05/2024 07:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 07:40					0.0
04/05/2024 07:50	0.6	125	24	1.8	0.0
04/05/2024 08:00	0.9	109	24	1.6	0.0
04/05/2024 08:10	1.0	112	30	2.0	0.0
04/05/2024 08:20	1.2	119	28	2.3	0.0
04/05/2024 08:30	1.4	125	29	2.2	0.0
04/05/2024 08:40	1.5	126	30	2.7	0.0
04/05/2024 08:50	1.6	125	31	2.9	0.0
04/05/2024 09:00	1.9	115	32	3.6	0.0
04/05/2024 09:10	1.5	113	33	3.0	0.0
04/05/2024 09:20	1.3	128	35	2.4	0.0
04/05/2024 09:30	1.3	131	32	2.4	0.0
04/05/2024 09:40	1.8	136	33	2.8	0.0
04/05/2024 09:50	1.9	110	38	3.2	0.0
04/05/2024 10:00	2.1	106	29	3.6	0.0
04/05/2024 10:10	2.4	97	35	4.2	0.0
04/05/2024 10:20	2.6	85	26	4.5	0.0
04/05/2024 10:30	2.8	93	32	4.8	0.0
04/05/2024 10:40	2.7	74	24	4.8	0.0
04/05/2024 10:50	2.7	86	26	4.2	0.0
04/05/2024 11:00	2.7	67	23	5.2	0.0
04/05/2024 11:10	3.1	81	23	5.1	0.0
04/05/2024 11:20	2.8	90	27	5.0	0.0
04/05/2024 11:30	2.5	81	28	4.0	0.0
04/05/2024 11:40	2.6	58	24	4.0	0.0
04/05/2024 11:50	3.0	56	20	4.4	0.0
04/05/2024 12:00	2.9	50	24	4.6	0.0
04/05/2024 12:10	2.5	63	23	3.7	0.0
04/05/2024 12:20	2.2	55	23	3.8	0.0
04/05/2024 12:30	2.4	55	25	3.9	0.0
04/05/2024 12:40	2.5	61	24	4.3	0.0
04/05/2024 12:50	2.5	60	24	4.1	0.0
04/05/2024 13:00	2.4	60	26	4.0	0.0
04/05/2024 13:10	2.4	58	26	4.1	0.0
04/05/2024 13:20	2.4	63	23	3.7	0.0
04/05/2024 13:30	2.5	64	23	3.9	0.0
04/05/2024 13:40	2.8	63	22	4.1	0.0
04/05/2024 13:50	2.5	64	21	4.2	0.0
04/05/2024 14:00	2.8	63	22	4.8	0.0
04/05/2024 14:10	2.8	57	19	4.2	0.0
04/05/2024 14:20	2.7	57	20	5.2	0.0
04/05/2024 14:30	2.7	68	23	4.0	0.0
04/05/2024 14:40	2.5	59	22	4.0	0.0
04/05/2024 14:50	2.4	62	24	3.6	0.0
04/05/2024 15:00	2.4	54	27	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 15:10	2.5	53	21	4.2	0.0
04/05/2024 15:20	2.2	53	22	3.4	0.0
04/05/2024 15:30	2.1	54	22	3.4	0.0
04/05/2024 15:40	1.8	53	26	3.2	0.0
04/05/2024 15:50	1.9	67	21	2.8	0.0
04/05/2024 16:00	2.0	63	21	3.5	0.0
04/05/2024 16:10	1.9	61	22	2.9	0.0
04/05/2024 16:20	1.8	39	26	3.2	0.0
04/05/2024 16:30	2.2	15	33	3.8	0.0
04/05/2024 16:40	2.3	351	32	4.0	0.0
04/05/2024 16:50	2.4	17	28	3.8	0.0
04/05/2024 17:00	2.5	16	28	4.0	0.0
04/05/2024 17:10	2.5	16	28	4.0	0.0
04/05/2024 17:20	2.1	19	32	3.7	0.0
04/05/2024 17:30	2.5	18	31	3.7	0.0
04/05/2024 17:40	2.3	12	31	4.0	0.0
04/05/2024 17:50	2.3	13	29	3.8	0.0
04/05/2024 18:00	2.4	10	28	3.9	0.0
04/05/2024 18:10	2.0	12	29	3.5	0.0
04/05/2024 18:20	2.0	12	27	3.4	0.0
04/05/2024 18:30	1.7	8	31	2.8	0.0
04/05/2024 18:40	1.3	332	26	3.0	0.0
04/05/2024 18:50	1.4	181	31	2.5	0.0
04/05/2024 19:00	2.0	10	23	3.6	0.0
04/05/2024 19:10	2.0	11	30	3.5	0.0
04/05/2024 19:20	2.3	22	26	3.5	0.0
04/05/2024 19:30	2.2	26	29	3.6	0.0
04/05/2024 19:40	2.3	19	25	4.0	0.0
04/05/2024 19:50	2.0	22	28	3.2	0.0
04/05/2024 20:00	1.7	22	30	2.8	0.0
04/05/2024 20:10	1.1	22	27	2.6	0.0
04/05/2024 20:20	0.5	186	34	1.4	0.0
04/05/2024 20:30	1.3	340	23	2.0	0.0
04/05/2024 20:40	1.2	333	23	2.0	0.0
04/05/2024 20:50	0.6	317	30	1.6	0.0
04/05/2024 21:00	0.4	256	41	1.2	0.0
04/05/2024 21:10	0.4	249	4	0.9	0.0
04/05/2024 21:20	0.2	223	6	0.9	0.0
04/05/2024 21:30					0.0
04/05/2024 21:40	0.6	262	8	1.2	0.0
04/05/2024 21:50	1.2	265	14	1.7	0.0
04/05/2024 22:00	1.3	264	15	1.9	0.0
04/05/2024 22:10	1.9	255	14	2.8	0.0
04/05/2024 22:20	1.8	253	12	2.4	0.0
04/05/2024 22:30	1.3	284	20	2.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
04/05/2024 22:40	1.7	292	19	2.6	0.0
04/05/2024 22:50	1.8	279	18	2.4	0.0
04/05/2024 23:00	1.5	257	14	2.0	0.0
04/05/2024 23:10	1.6	253	12	2.2	0.0
04/05/2024 23:20	1.7	260	11	2.2	0.0
04/05/2024 23:30	1.7	258	15	2.4	0.0
04/05/2024 23:40	1.9	255	14	2.4	0.0
04/05/2024 23:50	1.9	257	14	2.6	0.0
05/05/2024 00:00	1.8	258	12	2.4	0.0
05/05/2024 00:10	1.8	262	14	2.4	0.0
05/05/2024 00:20	1.6	264	13	2.0	0.0
05/05/2024 00:30	1.3	270	15	1.7	0.0
05/05/2024 00:40	1.4	274	15	2.0	0.0
05/05/2024 00:50	1.4	264	12	2.0	0.0
05/05/2024 01:00	1.6	251	17	2.4	0.0
05/05/2024 01:10	1.4	252	18	2.0	0.0
05/05/2024 01:20	1.6	251	18	2.3	0.0
05/05/2024 01:30	1.7	257	14	2.4	0.0
05/05/2024 01:40	1.6	258	17	2.2	0.0
05/05/2024 01:50	1.8	263	13	2.3	0.0
05/05/2024 02:00	1.7	261	14	2.4	0.0
05/05/2024 02:10	1.5	260	14	2.0	0.0
05/05/2024 02:20	1.6	259	15	2.1	0.0
05/05/2024 02:30	1.5	258	15	2.0	0.0
05/05/2024 02:40	1.4	261	18	1.9	0.0
05/05/2024 02:50	1.3	255	19	2.3	0.0
05/05/2024 03:00	0.2	248	9	0.8	0.0
05/05/2024 03:10	0.2	298	6	0.9	0.0
05/05/2024 03:20	0.8	249	10	1.1	0.0
05/05/2024 03:30	1.2	246	12	1.5	0.0
05/05/2024 03:40	1.1	255	14	1.6	0.0
05/05/2024 03:50	0.1	269	5	0.8	0.0
05/05/2024 04:00	0.2	177	7	1.1	0.0
05/05/2024 04:10	0.6	174	10	1.2	0.0
05/05/2024 04:20	0.0	6	3	0.4	0.0
05/05/2024 04:30					0.0
05/05/2024 04:40					0.0
05/05/2024 04:50	0.4	330	11	1.1	0.0
05/05/2024 05:00	1.0	347	15	1.3	0.0
05/05/2024 05:10	0.8	308	23	1.2	0.0
05/05/2024 05:20	0.7	325	28	1.2	0.0
05/05/2024 05:30	0.3	310	41	1.1	0.0
05/05/2024 05:40	0.5	16	13	1.0	0.0
05/05/2024 05:50					0.0
05/05/2024 06:00	0.0	212	2	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 06:10	0.6	191	22	1.3	0.0
05/05/2024 06:20	0.1	231	15	0.7	0.0
05/05/2024 06:30	0.2	124	8	0.7	0.0
05/05/2024 06:40	0.7	167	17	1.1	0.0
05/05/2024 06:50	0.8	7	17	1.2	0.0
05/05/2024 07:00	0.5	14	14	1.1	0.0
05/05/2024 07:10					0.0
05/05/2024 07:20	0.4	159	29	1.3	0.0
05/05/2024 07:30	0.3	92	30	0.8	0.0
05/05/2024 07:40					0.0
05/05/2024 07:50					0.0
05/05/2024 08:00	0.9	154	23	2.0	0.0
05/05/2024 08:10	1.1	145	27	2.0	0.0
05/05/2024 08:20	1.1	125	29	1.9	0.0
05/05/2024 08:30	0.9	119	34	2.1	0.0
05/05/2024 08:40	0.8	120	24	1.8	0.0
05/05/2024 08:50	1.0	124	31	1.8	0.0
05/05/2024 09:00	1.0	121	37	2.0	0.0
05/05/2024 09:10	1.1	129	37	2.0	0.0
05/05/2024 09:20	1.4	106	28	2.2	0.0
05/05/2024 09:30	1.2	118	33	2.0	0.0
05/05/2024 09:40	1.5	119	31	2.4	0.0
05/05/2024 09:50	1.5	86	26	2.5	0.0
05/05/2024 10:00	1.1	103	34	2.0	0.0
05/05/2024 10:10	1.5	105	25	2.7	0.0
05/05/2024 10:20	1.4	82	30	2.6	0.0
05/05/2024 10:30	1.3	103	28	2.2	0.0
05/05/2024 10:40	1.4	107	31	2.4	0.0
05/05/2024 10:50	1.6	93	31	2.5	0.0
05/05/2024 11:00	1.9	83	24	3.5	0.0
05/05/2024 11:10	1.8	89	28	3.0	0.0
05/05/2024 11:20	1.8	68	28	3.3	0.0
05/05/2024 11:30	2.1	55	22	3.6	0.0
05/05/2024 11:40	2.0	69	21	3.5	0.0
05/05/2024 11:50	2.2	60	23	3.6	0.0
05/05/2024 12:00	2.3	61	28	4.0	0.0
05/05/2024 12:10	2.4	58	25	3.7	0.0
05/05/2024 12:20	2.3	59	21	3.6	0.0
05/05/2024 12:30	2.3	64	20	3.6	0.0
05/05/2024 12:40	2.5	64	24	3.7	0.0
05/05/2024 12:50	2.5	61	24	4.1	0.0
05/05/2024 13:00	2.5	60	26	3.8	0.0
05/05/2024 13:10	2.5	54	26	4.0	0.0
05/05/2024 13:20	2.5	45	22	4.2	0.0
05/05/2024 13:30	2.7	57	22	4.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 13:40	2.7	52	22	4.3	0.0
05/05/2024 13:50	2.5	58	22	4.1	0.0
05/05/2024 14:00	2.6	47	20	4.4	0.0
05/05/2024 14:10	2.7	54	21	4.7	0.0
05/05/2024 14:20	2.9	48	21	4.7	0.0
05/05/2024 14:30	2.8	50	21	4.6	0.0
05/05/2024 14:40	2.6	48	24	4.5	0.0
05/05/2024 14:50	2.6	59	22	4.2	0.0
05/05/2024 15:00	2.1	63	22	3.3	0.0
05/05/2024 15:10	2.4	63	20	3.8	0.0
05/05/2024 15:20	1.6	61	24	2.6	0.0
05/05/2024 15:30	1.8	65	20	3.2	0.0
05/05/2024 15:40	1.8	47	27	3.2	0.0
05/05/2024 15:50	1.1	194	29	2.3	0.0
05/05/2024 16:00	1.7	176	34	3.1	0.0
05/05/2024 16:10	2.3	333	26	3.7	0.0
05/05/2024 16:20	1.4	352	36	3.3	0.0
05/05/2024 16:30	2.4	18	31	3.6	0.0
05/05/2024 16:40	2.3	14	29	3.7	0.0
05/05/2024 16:50	2.1	11	37	3.4	0.0
05/05/2024 17:00	2.0	11	31	3.4	0.0
05/05/2024 17:10	2.3	17	31	3.6	0.0
05/05/2024 17:20	2.5	15	29	3.9	0.0
05/05/2024 17:30	2.4	16	30	3.9	0.0
05/05/2024 17:40	2.5	21	28	4.1	0.0
05/05/2024 17:50	1.8	184	29	3.2	0.0
05/05/2024 18:00	2.1	341	28	3.5	0.0
05/05/2024 18:10	1.5	9	37	2.8	0.0
05/05/2024 18:20	1.5	353	28	2.4	0.0
05/05/2024 18:30	1.5	338	29	3.0	0.0
05/05/2024 18:40	1.7	331	41	3.2	0.0
05/05/2024 18:50	1.7	336	23	2.6	0.0
05/05/2024 19:00	1.1	282	27	2.1	0.0
05/05/2024 19:10	0.7	275	28	1.7	0.0
05/05/2024 19:20	1.1	256	25	1.8	0.0
05/05/2024 19:30	1.7	257	14	2.4	0.0
05/05/2024 19:40	1.2	265	21	1.7	0.0
05/05/2024 19:50	0.7	241	16	1.3	0.0
05/05/2024 20:00	0.8	263	27	1.2	0.0
05/05/2024 20:10	0.8	285	15	1.2	0.0
05/05/2024 20:20	1.2	262	11	1.6	0.0
05/05/2024 20:30	1.1	281	18	1.6	0.0
05/05/2024 20:40	0.9	288	18	1.4	0.0
05/05/2024 20:50	0.9	293	22	1.4	0.0
05/05/2024 21:00	1.4	267	15	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
05/05/2024 21:10	1.6	265	12	2.4	0.0
05/05/2024 21:20	1.9	258	10	2.2	0.0
05/05/2024 21:30	1.6	262	13	2.3	0.0
05/05/2024 21:40	1.6	260	12	2.2	0.0
05/05/2024 21:50	1.7	264	12	2.1	0.0
05/05/2024 22:00	1.6	274	17	2.4	0.0
05/05/2024 22:10	1.8	276	17	2.8	0.0
05/05/2024 22:20	1.9	280	16	2.7	0.0
05/05/2024 22:30	1.8	264	11	2.3	0.0
05/05/2024 22:40	1.8	258	15	2.6	0.0
05/05/2024 22:50	2.4	261	14	3.1	0.0
05/05/2024 23:00	2.4	262	14	3.2	0.0
05/05/2024 23:10	2.5	261	13	3.4	0.0
05/05/2024 23:20	2.6	259	14	3.5	0.0
05/05/2024 23:30	2.6	259	19	3.7	0.0
05/05/2024 23:40	2.3	256	15	3.0	0.0
05/05/2024 23:50	2.2	260	13	3.0	0.0
06/05/2024 00:00	2.2	268	15	3.1	0.0
06/05/2024 00:10	2.1	275	18	2.6	0.0
06/05/2024 00:20	2.0	269	15	3.2	0.0
06/05/2024 00:30	1.8	284	20	2.6	0.0
06/05/2024 00:40	1.8	279	17	2.4	0.0
06/05/2024 00:50	1.6	289	19	2.3	0.0
06/05/2024 01:00	1.8	273	16	2.7	0.0
06/05/2024 01:10	1.8	269	16	2.5	0.0
06/05/2024 01:20	1.6	270	14	2.2	0.0
06/05/2024 01:30	1.9	272	14	2.6	0.0
06/05/2024 01:40	1.9	275	18	2.8	0.0
06/05/2024 01:50	2.0	269	19	2.8	0.0
06/05/2024 02:00	2.2	278	19	3.2	0.0
06/05/2024 02:10	2.0	278	21	3.1	0.0
06/05/2024 02:20	2.4	264	15	3.3	0.0
06/05/2024 02:30	2.2	265	15	3.1	0.0
06/05/2024 02:40	2.3	269	16	3.0	0.0
06/05/2024 02:50	2.0	272	16	2.6	0.0
06/05/2024 03:00	1.9	274	17	2.8	0.0
06/05/2024 03:10	1.9	276	16	2.5	0.0
06/05/2024 03:20	2.1	276	15	3.1	0.0
06/05/2024 03:30	2.2	276	18	3.1	0.0
06/05/2024 03:40	2.2	272	16	3.3	0.0
06/05/2024 03:50	2.3	262	16	3.3	0.0
06/05/2024 04:00	1.8	253	19	2.8	0.0
06/05/2024 04:10	1.6	242	18	2.4	0.0
06/05/2024 04:20	1.3	240	19	2.1	0.0
06/05/2024 04:30	1.4	214	30	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 04:40	2.0	231	18	3.0	0.0
06/05/2024 04:50	1.7	215	21	2.7	0.0
06/05/2024 05:00	2.0	229	16	3.2	0.0
06/05/2024 05:10	1.8	241	21	2.8	0.0
06/05/2024 05:20	1.9	258	18	3.0	0.0
06/05/2024 05:30	1.6	257	20	2.4	0.0
06/05/2024 05:40	0.9	250	31	1.7	0.0
06/05/2024 05:50	0.7	255	16	1.6	0.0
06/05/2024 06:00	0.4	236	31	1.6	0.0
06/05/2024 06:10	0.6	227	32	1.6	0.0
06/05/2024 06:20	0.0	19	0	0.4	0.0
06/05/2024 06:30	0.2	127	20	0.9	0.0
06/05/2024 06:40	0.5	154	53	1.6	0.0
06/05/2024 06:50	0.5	339	31	1.0	0.0
06/05/2024 07:00	0.3	331	32	1.5	0.0
06/05/2024 07:10	0.8	180	58	2.1	0.0
06/05/2024 07:20	0.7	219	29	1.6	0.0
06/05/2024 07:30	0.4	93	33	1.3	0.0
06/05/2024 07:40	0.8	161	47	2.1	0.0
06/05/2024 07:50	0.5	120	22	2.2	0.0
06/05/2024 08:00	1.4	142	31	2.6	0.0
06/05/2024 08:10	1.1	154	25	2.3	0.0
06/05/2024 08:20	1.3	136	29	2.7	0.0
06/05/2024 08:30	1.4	129	33	2.5	0.0
06/05/2024 08:40	1.6	115	28	2.8	0.0
06/05/2024 08:50	1.9	118	27	3.2	0.0
06/05/2024 09:00	1.4	120	30	2.4	0.0
06/05/2024 09:10	1.5	119	33	2.8	0.0
06/05/2024 09:20	1.4	120	34	2.5	0.0
06/05/2024 09:30	1.7	117	32	3.1	0.0
06/05/2024 09:40	1.7	119	28	2.8	0.0
06/05/2024 09:50	1.9	131	32	2.8	0.0
06/05/2024 10:00	1.3	117	26	2.8	0.0
06/05/2024 10:10	2.0	115	30	3.5	0.0
06/05/2024 10:20	1.9	104	31	3.1	0.0
06/05/2024 10:30	2.3	97	25	3.6	0.0
06/05/2024 10:40	2.3	81	25	4.0	0.0
06/05/2024 10:50	2.4	79	22	4.2	0.0
06/05/2024 11:00	2.7	78	25	4.1	0.0
06/05/2024 11:10	2.7	81	26	4.3	0.0
06/05/2024 11:20	2.8	68	21	4.9	0.0
06/05/2024 11:30	2.9	61	25	4.5	0.0
06/05/2024 11:40	3.0	57	22	5.4	0.0
06/05/2024 11:50	2.9	63	21	4.8	0.0
06/05/2024 12:00	2.6	62	24	4.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 12:10	2.9	62	24	4.4	0.0
06/05/2024 12:20	2.8	59	24	4.4	0.0
06/05/2024 12:30	2.7	67	26	4.4	0.0
06/05/2024 12:40	2.9	63	25	4.6	0.0
06/05/2024 12:50	2.6	63	26	4.6	0.0
06/05/2024 13:00	2.6	65	27	4.4	0.0
06/05/2024 13:10	3.0	62	27	4.9	0.0
06/05/2024 13:20	3.4	76	22	5.2	0.0
06/05/2024 13:30	2.8	72	20	4.4	0.0
06/05/2024 13:40	3.0	75	23	4.9	0.0
06/05/2024 13:50	2.8	66	23	4.5	0.0
06/05/2024 14:00	2.9	69	26	4.5	0.0
06/05/2024 14:10	2.9	68	21	4.8	0.0
06/05/2024 14:20	2.8	63	23	4.5	0.0
06/05/2024 14:30	2.9	66	22	4.4	0.0
06/05/2024 14:40	2.7	62	22	4.7	0.0
06/05/2024 14:50	2.8	63	23	4.4	0.0
06/05/2024 15:00	2.9	54	24	4.4	0.0
06/05/2024 15:10	2.8	58	22	4.6	0.0
06/05/2024 15:20	3.0	56	20	5.6	0.0
06/05/2024 15:30	3.2	43	21	5.2	0.0
06/05/2024 15:40	3.9	50	20	5.8	0.0
06/05/2024 15:50	3.8	49	20	6.0	0.0
06/05/2024 16:00	2.9	49	23	5.2	0.0
06/05/2024 16:10	3.2	50	19	5.2	0.0
06/05/2024 16:20	3.0	46	21	4.4	0.0
06/05/2024 16:30	3.1	48	18	5.4	0.0
06/05/2024 16:40	2.6	52	19	4.2	0.0
06/05/2024 16:50	2.4	45	22	3.7	0.0
06/05/2024 17:00	2.2	40	22	3.3	0.0
06/05/2024 17:10	2.4	38	21	3.9	0.0
06/05/2024 17:20	2.3	39	19	3.7	0.0
06/05/2024 17:30	2.1	31	21	3.6	0.0
06/05/2024 17:40	2.6	35	19	4.4	0.0
06/05/2024 17:50	2.1	45	22	3.2	0.0
06/05/2024 18:00	1.7	41	23	2.8	0.0
06/05/2024 18:10	1.6	36	25	2.8	0.0
06/05/2024 18:20	1.6	36	21	2.2	0.0
06/05/2024 18:30	1.5	33	23	2.4	0.0
06/05/2024 18:40	1.4	32	28	2.7	0.0
06/05/2024 18:50	1.7	24	29	3.1	0.0
06/05/2024 19:00	1.7	22	29	2.7	0.0
06/05/2024 19:10	1.6	22	25	3.0	0.0
06/05/2024 19:20	1.7	10	35	3.6	0.0
06/05/2024 19:30	1.7	15	31	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
06/05/2024 19:40	2.2	16	26	3.6	0.0
06/05/2024 19:50	2.0	22	28	3.6	0.0
06/05/2024 20:00	1.5	11	31	2.9	0.0
06/05/2024 20:10	1.5	9	38	3.2	0.0
06/05/2024 20:20	1.6	8	32	3.0	0.0
06/05/2024 20:30	1.7	183	31	3.2	0.0
06/05/2024 20:40	1.5	349	28	2.4	0.0
06/05/2024 20:50	1.9	336	24	3.1	0.0
06/05/2024 21:00	1.5	317	26	2.6	0.0
06/05/2024 21:10	2.0	261	30	3.3	0.0
06/05/2024 21:20	2.1	243	18	3.1	0.0
06/05/2024 21:30	1.4	248	22	2.6	0.0
06/05/2024 21:40	1.9	234	18	3.0	0.0
06/05/2024 21:50	1.5	247	16	2.2	0.0
06/05/2024 22:00	2.0	242	16	2.6	0.0
06/05/2024 22:10	1.8	245	14	2.6	0.0
06/05/2024 22:20	2.5	253	15	3.5	0.0
06/05/2024 22:30	2.2	250	15	3.1	0.0
06/05/2024 22:40	2.1	260	14	3.2	0.0
06/05/2024 22:50	1.8	262	14	2.4	0.0
06/05/2024 23:00	2.1	261	12	3.2	0.0
06/05/2024 23:10	1.7	266	15	2.4	0.0
06/05/2024 23:20	1.9	269	15	2.8	0.0
06/05/2024 23:30	2.0	265	18	2.8	0.0
06/05/2024 23:40	2.2	265	17	3.2	0.0
06/05/2024 23:50	2.0	265	15	2.8	0.0
07/05/2024 00:00	2.2	262	13	3.2	0.0
07/05/2024 00:10	1.7	272	14	2.4	0.0
07/05/2024 00:20	1.9	254	15	2.8	0.0
07/05/2024 00:30	2.4	260	14	3.2	0.0
07/05/2024 00:40	2.4	268	14	3.4	0.0
07/05/2024 00:50	2.3	266	17	3.6	0.0
07/05/2024 01:00	2.4	267	15	3.2	0.0
07/05/2024 01:10	2.2	262	16	2.9	0.0
07/05/2024 01:20	2.2	264	14	3.1	0.0
07/05/2024 01:30	1.9	262	15	2.8	0.0
07/05/2024 01:40	1.8	274	19	2.8	0.0
07/05/2024 01:50	2.1	271	16	2.9	0.0
07/05/2024 02:00	2.0	269	15	2.8	0.0
07/05/2024 02:10	1.8	277	18	2.6	0.0
07/05/2024 02:20	1.9	275	15	2.6	0.0
07/05/2024 02:30	1.5	268	16	2.0	0.0
07/05/2024 02:40	1.9	273	18	2.6	0.0
07/05/2024 02:50	1.7	264	15	2.4	0.0
07/05/2024 03:00	1.7	269	18	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 03:10	1.6	259	12	2.3	0.0
07/05/2024 03:20	1.6	265	13	2.2	0.0
07/05/2024 03:30	1.4	266	14	2.0	0.0
07/05/2024 03:40	1.7	263	12	2.3	0.0
07/05/2024 03:50	1.7	264	18	2.4	0.0
07/05/2024 04:00	1.8	271	17	2.6	0.0
07/05/2024 04:10	2.0	265	15	2.6	0.0
07/05/2024 04:20	1.8	271	15	2.4	0.0
07/05/2024 04:30	1.4	262	18	2.4	0.0
07/05/2024 04:40	1.0	258	28	2.0	0.0
07/05/2024 04:50	0.6	229	20	1.5	0.0
07/05/2024 05:00	0.9	266	13	1.6	0.0
07/05/2024 05:10	0.7	121	83	1.1	0.0
07/05/2024 05:20	0.1	182	10	0.7	0.0
07/05/2024 05:30	0.2	191	5	0.7	0.0
07/05/2024 05:40	0.3	188	17	1.1	0.0
07/05/2024 05:50	1.0	47	20	1.6	0.0
07/05/2024 06:00	0.4	286	20	1.2	0.0
07/05/2024 06:10	0.9	239	22	1.6	0.0
07/05/2024 06:20	0.3	247	19	1.0	0.0
07/05/2024 06:30	0.3	65	24	1.4	0.0
07/05/2024 06:40	0.4	120	17	1.0	0.0
07/05/2024 06:50	0.1	112	10	0.8	0.0
07/05/2024 07:00	0.6	51	14	1.2	0.0
07/05/2024 07:10					0.0
07/05/2024 07:20					0.0
07/05/2024 07:30					0.0
07/05/2024 07:40					0.0
07/05/2024 07:50					0.0
07/05/2024 08:00					0.0
07/05/2024 08:10	1.0	86	21	2.1	0.0
07/05/2024 08:20	1.6	88	27	2.8	0.0
07/05/2024 08:30	1.6	93	29	2.4	0.0
07/05/2024 08:40	1.4	102	25	2.5	0.0
07/05/2024 08:50	1.6	97	28	2.7	0.0
07/05/2024 09:00	1.6	89	27	3.0	0.0
07/05/2024 09:10	1.7	99	29	2.8	0.0
07/05/2024 09:20	1.6	102	30	2.6	0.0
07/05/2024 09:30	1.7	109	30	3.0	0.0
07/05/2024 09:40	1.4	85	32	2.4	0.0
07/05/2024 09:50	1.6	84	27	2.8	0.0
07/05/2024 10:00	1.2	76	25	2.4	0.0
07/05/2024 10:10	0.6	84	20	2.0	0.0
07/05/2024 10:20					0.0
07/05/2024 10:30	1.2	76	29	3.1	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 10:40	1.6	96	28	2.6	0.0
07/05/2024 10:50	1.8	56	24	2.8	0.0
07/05/2024 11:00	1.9	57	25	2.8	0.0
07/05/2024 11:10	1.9	53	28	3.2	0.0
07/05/2024 11:20	2.1	68	25	3.4	0.0
07/05/2024 11:30	2.6	50	18	4.4	0.0
07/05/2024 11:40	2.5	49	20	4.0	0.0
07/05/2024 11:50	2.3	54	20	3.8	0.0
07/05/2024 12:00	2.5	52	21	4.4	0.0
07/05/2024 12:10	2.6	53	23	4.2	0.0
07/05/2024 12:20	3.0	49	23	4.5	0.0
07/05/2024 12:30	2.6	54	21	4.4	0.0
07/05/2024 12:40	2.7	56	19	3.9	0.0
07/05/2024 12:50	2.7	56	23	4.3	0.0
07/05/2024 13:00	2.6	56	21	4.2	0.0
07/05/2024 13:10	2.8	48	20	4.1	0.0
07/05/2024 13:20	2.7	49	19	4.7	0.0
07/05/2024 13:30	2.8	50	17	4.1	0.0
07/05/2024 13:40	2.4	58	21	4.2	0.0
07/05/2024 13:50	2.3	58	23	3.6	0.0
07/05/2024 14:00	2.6	46	24	4.0	0.0
07/05/2024 14:10	2.5	53	22	4.2	0.0
07/05/2024 14:20	2.7	60	23	4.4	0.0
07/05/2024 14:30	2.6	61	26	4.4	0.0
07/05/2024 14:40	2.6	71	25	4.4	0.0
07/05/2024 14:50	2.9	70	21	4.7	0.0
07/05/2024 15:00	2.5	63	24	4.2	0.0
07/05/2024 15:10	3.1	59	24	5.4	0.0
07/05/2024 15:20	2.8	67	21	4.3	0.0
07/05/2024 15:30	2.9	66	23	4.8	0.0
07/05/2024 15:40	3.1	58	20	5.2	0.0
07/05/2024 15:50	3.1	56	20	6.1	0.0
07/05/2024 16:00	3.0	49	21	5.0	0.0
07/05/2024 16:10	3.0	43	23	5.1	0.0
07/05/2024 16:20	3.1	42	19	5.2	0.0
07/05/2024 16:30	3.2	51	17	5.1	0.0
07/05/2024 16:40	3.1	47	20	5.2	0.0
07/05/2024 16:50	2.6	47	20	4.2	0.0
07/05/2024 17:00	2.7	49	19	4.7	0.0
07/05/2024 17:10	2.1	51	17	3.4	0.0
07/05/2024 17:20	2.1	48	20	3.2	0.0
07/05/2024 17:30	1.9	41	22	3.4	0.0
07/05/2024 17:40	2.5	46	19	3.9	0.0
07/05/2024 17:50	2.6	46	19	3.6	0.0
07/05/2024 18:00	2.1	41	19	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
07/05/2024 18:10	2.3	34	19	4.0	0.0
07/05/2024 18:20	1.9	37	21	3.2	0.0
07/05/2024 18:30	2.3	36	21	3.4	0.0
07/05/2024 18:40	1.9	43	23	3.3	0.0
07/05/2024 18:50	0.8	149	30	2.0	0.0
07/05/2024 19:00	0.7	270	22	1.6	0.0
07/05/2024 19:10	1.2	289	37	1.7	0.0
07/05/2024 19:20	0.8	285	23	1.8	0.0
07/05/2024 19:30	0.9	250	23	1.6	0.0
07/05/2024 19:40	1.2	301	29	2.5	0.0
07/05/2024 19:50	0.9	325	34	1.9	0.0
07/05/2024 20:00	0.7	284	49	1.6	0.0
07/05/2024 20:10	1.3	264	29	2.1	0.0
07/05/2024 20:20	0.6	301	42	1.2	0.0
07/05/2024 20:30	0.2	164	10	0.8	0.0
07/05/2024 20:40	0.4	287	21	1.2	0.0
07/05/2024 20:50	0.9	271	40	1.4	0.0
07/05/2024 21:00	1.0	258	15	1.6	0.0
07/05/2024 21:10	0.3	257	21	1.0	0.0
07/05/2024 21:20	0.5	232	6	1.0	0.0
07/05/2024 21:30	0.5	254	17	1.2	0.0
07/05/2024 21:40	0.7	236	14	1.6	0.0
07/05/2024 21:50	1.3	248	12	1.6	0.0
07/05/2024 22:00	1.3	254	9	1.6	0.0
07/05/2024 22:10	1.3	249	12	1.6	0.0
07/05/2024 22:20	1.3	252	13	1.8	0.0
07/05/2024 22:30	1.3	256	13	1.8	0.0
07/05/2024 22:40	1.5	253	11	1.9	0.0
07/05/2024 22:50	1.4	240	13	2.2	0.0
07/05/2024 23:00	0.9	260	14	1.5	0.0
07/05/2024 23:10	0.5	236	15	1.1	0.0
07/05/2024 23:20	0.0	246	4	0.4	0.0
07/05/2024 23:30	0.5	223	26	1.6	0.0
07/05/2024 23:40	1.2	233	15	1.9	0.0
07/05/2024 23:50	1.0	238	18	1.8	0.0
08/05/2024 00:00	1.5	251	17	2.5	0.0
08/05/2024 00:10	2.2	245	16	3.2	0.0
08/05/2024 00:20	2.4	251	13	3.2	0.0
08/05/2024 00:30	2.3	247	14	3.1	0.0
08/05/2024 00:40	2.5	250	11	3.4	0.0
08/05/2024 00:50	2.2	250	11	3.2	0.0
08/05/2024 01:00	2.4	250	15	3.6	0.0
08/05/2024 01:10	2.3	250	14	3.2	0.0
08/05/2024 01:20	2.2	255	14	3.3	0.0
08/05/2024 01:30	2.2	252	16	3.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 01:40	2.0	252	13	2.8	0.0
08/05/2024 01:50	2.2	252	11	3.2	0.0
08/05/2024 02:00	1.7	256	16	2.7	0.0
08/05/2024 02:10	1.2	254	16	2.0	0.0
08/05/2024 02:20	0.1	245	15	0.8	0.0
08/05/2024 02:30	0.1	245	2	0.9	0.0
08/05/2024 02:40	1.0	260	13	1.5	0.0
08/05/2024 02:50	0.8	266	24	1.5	0.0
08/05/2024 03:00	1.0	263	14	2.0	0.0
08/05/2024 03:10	1.0	281	18	2.0	0.0
08/05/2024 03:20	0.9	280	17	1.3	0.0
08/05/2024 03:30	0.7	271	21	1.4	0.0
08/05/2024 03:40					0.0
08/05/2024 03:50	0.4	262	7	1.2	0.0
08/05/2024 04:00	0.8	289	25	1.2	0.0
08/05/2024 04:10	1.5	263	17	2.3	0.0
08/05/2024 04:20	1.5	256	14	2.3	0.0
08/05/2024 04:30	1.6	258	12	2.4	0.0
08/05/2024 04:40	1.6	250	10	2.2	0.0
08/05/2024 04:50	1.9	247	9	2.3	0.0
08/05/2024 05:00	1.5	255	10	2.0	0.0
08/05/2024 05:10	1.4	262	9	1.8	0.0
08/05/2024 05:20	1.5	261	10	2.0	0.0
08/05/2024 05:30	1.2	273	15	1.9	0.0
08/05/2024 05:40	1.3	276	14	1.9	0.0
08/05/2024 05:50	0.9	256	12	1.6	0.0
08/05/2024 06:00	0.0	120	0	0.4	0.0
08/05/2024 06:10					0.0
08/05/2024 06:20					0.0
08/05/2024 06:30					0.0
08/05/2024 06:40					0.0
08/05/2024 06:50					0.0
08/05/2024 07:00					0.0
08/05/2024 07:10	0.4	38	12	1.3	0.0
08/05/2024 07:20	0.7	33	21	1.6	0.0
08/05/2024 07:30	0.9	27	21	1.4	0.0
08/05/2024 07:40	0.6	57	14	1.4	0.0
08/05/2024 07:50	0.6	54	15	1.2	0.0
08/05/2024 08:00	0.4	45	13	1.2	0.0
08/05/2024 08:10					0.0
08/05/2024 08:20					0.0
08/05/2024 08:30					0.0
08/05/2024 08:40	0.2	105	9	1.4	0.0
08/05/2024 08:50	1.3	101	29	2.0	0.0
08/05/2024 09:00	1.1	98	26	1.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 09:10	1.2	102	27	2.2	0.0
08/05/2024 09:20	1.6	103	26	2.8	0.0
08/05/2024 09:30	2.6	82	27	4.3	0.0
08/05/2024 09:40	2.6	85	25	4.8	0.0
08/05/2024 09:50	2.5	63	27	4.4	0.0
08/05/2024 10:00	2.5	67	23	4.5	0.0
08/05/2024 10:10	2.7	66	22	4.5	0.0
08/05/2024 10:20	2.8	60	22	4.4	0.0
08/05/2024 10:30	2.8	63	22	4.7	0.0
08/05/2024 10:40	2.8	68	24	4.4	0.0
08/05/2024 10:50	2.9	58	23	4.4	0.0
08/05/2024 11:00	3.0	58	22	5.2	0.0
08/05/2024 11:10	3.0	61	21	5.2	0.0
08/05/2024 11:20	2.7	62	21	4.2	0.0
08/05/2024 11:30	2.6	71	24	4.6	0.0
08/05/2024 11:40	3.2	63	21	5.2	0.0
08/05/2024 11:50	3.1	59	24	4.8	0.0
08/05/2024 12:00	3.2	61	23	5.2	0.0
08/05/2024 12:10	3.0	67	21	4.8	0.0
08/05/2024 12:20	3.1	61	24	4.8	0.0
08/05/2024 12:30	3.3	76	21	5.7	0.0
08/05/2024 12:40	3.4	72	22	5.3	0.0
08/05/2024 12:50	3.2	67	22	5.4	0.0
08/05/2024 13:00	3.2	67	23	5.4	0.0
08/05/2024 13:10	3.3	67	20	5.3	0.0
08/05/2024 13:20	3.2	65	20	4.7	0.0
08/05/2024 13:30	3.1	66	22	5.2	0.0
08/05/2024 13:40	3.0	63	23	4.3	0.0
08/05/2024 13:50	3.1	65	21	4.7	0.0
08/05/2024 14:00	3.1	59	23	5.1	0.0
08/05/2024 14:10	3.2	57	22	5.6	0.0
08/05/2024 14:20	3.1	60	21	4.9	0.0
08/05/2024 14:30	2.8	57	24	4.6	0.0
08/05/2024 14:40	2.9	58	25	4.3	0.0
08/05/2024 14:50	3.1	54	21	5.5	0.0
08/05/2024 15:00	2.6	55	22	4.4	0.0
08/05/2024 15:10	2.4	54	24	3.6	0.0
08/05/2024 15:20	2.6	52	20	4.0	0.0
08/05/2024 15:30	2.1	65	23	3.4	0.0
08/05/2024 15:40	2.0	69	25	3.2	0.0
08/05/2024 15:50	1.7	61	22	2.8	0.0
08/05/2024 16:00	1.6	62	25	2.8	0.0
08/05/2024 16:10	1.9	51	20	3.2	0.0
08/05/2024 16:20	1.6	51	26	2.8	0.0
08/05/2024 16:30	1.7	52	21	2.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
08/05/2024 16:40	2.3	44	20	3.4	0.0
08/05/2024 16:50	1.9	40	19	2.9	0.0
08/05/2024 17:00	1.8	45	22	3.1	0.0
08/05/2024 17:10	1.8	39	26	3.4	0.0
08/05/2024 17:20	1.8	28	29	3.1	0.0
08/05/2024 17:30	1.8	32	23	3.0	0.0
08/05/2024 17:40	1.9	32	26	3.6	0.0
08/05/2024 17:50	1.9	25	27	3.2	0.0
08/05/2024 18:00	2.4	25	26	3.6	0.0
08/05/2024 18:10	2.0	26	29	3.4	0.0
08/05/2024 18:20	1.8	32	23	3.3	0.0
08/05/2024 18:30	1.7	42	17	3.3	0.0
08/05/2024 18:40	2.2	39	18	3.5	0.0
08/05/2024 18:50	2.3	44	18	4.0	0.0
08/05/2024 19:00	1.8	42	20	3.2	0.0
08/05/2024 19:10	1.7	45	18	2.9	0.0
08/05/2024 19:20	1.7	41	20	2.7	0.0
08/05/2024 19:30	1.6	43	21	2.4	0.0
08/05/2024 19:40	1.3	37	22	2.0	0.0
08/05/2024 19:50	1.7	34	20	3.0	0.0
08/05/2024 20:00	2.0	35	20	3.9	0.0
08/05/2024 20:10	1.5	31	29	2.4	0.0
08/05/2024 20:20	1.8	35	27	2.8	0.0
08/05/2024 20:30	1.8	32	32	3.1	0.0
08/05/2024 20:40	1.8	32	24	3.1	0.0
08/05/2024 20:50	1.6	31	30	2.8	0.0
08/05/2024 21:00	1.5	35	27	2.7	0.0
08/05/2024 21:10	1.4	35	26	2.8	0.0
08/05/2024 21:20	1.4	39	23	2.4	0.0
08/05/2024 21:30	1.2	42	26	2.3	0.0
08/05/2024 21:40	1.3	41	21	2.2	0.0
08/05/2024 21:50	0.9	49	27	2.0	0.0
08/05/2024 22:00	0.7	58	12	1.2	0.0
08/05/2024 22:10	0.7	47	20	1.7	0.0
08/05/2024 22:20	1.0	50	23	2.0	0.0
08/05/2024 22:30	0.9	49	23	1.6	0.0
08/05/2024 22:40	1.0	45	25	2.0	0.0
08/05/2024 22:50	1.2	50	26	1.8	0.0
08/05/2024 23:00	0.6	66	34	1.6	0.0
08/05/2024 23:10	0.1	110	4	0.5	0.0
08/05/2024 23:20	0.5	249	5	1.9	0.0
08/05/2024 23:30	0.7	245	12	1.3	0.0
08/05/2024 23:40	0.8	244	12	1.4	0.0
08/05/2024 23:50	0.4	241	6	1.1	0.0
09/05/2024 00:00	0.8	247	8	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 00:10	0.8	271	12	1.4	0.0
09/05/2024 00:20	0.5	320	14	0.9	0.0
09/05/2024 00:30	0.0	338	0	0.4	0.0
09/05/2024 00:40	0.4	38	9	1.3	0.0
09/05/2024 00:50	1.0	40	19	1.6	0.0
09/05/2024 01:00	0.4	36	20	0.8	0.0
09/05/2024 01:10	0.1	39	6	0.6	0.0
09/05/2024 01:20					0.0
09/05/2024 01:30					0.0
09/05/2024 01:40					0.0
09/05/2024 01:50					0.0
09/05/2024 02:00					0.0
09/05/2024 02:10					0.0
09/05/2024 02:20					0.0
09/05/2024 02:30					0.0
09/05/2024 02:40	0.0	34	0	0.4	0.0
09/05/2024 02:50					0.0
09/05/2024 03:00					0.0
09/05/2024 03:10					0.0
09/05/2024 03:20					0.0
09/05/2024 03:30					0.0
09/05/2024 03:40					0.0
09/05/2024 03:50					0.0
09/05/2024 04:00					0.0
09/05/2024 04:10					0.0
09/05/2024 04:20					0.0
09/05/2024 04:30					0.0
09/05/2024 04:40					0.0
09/05/2024 04:50					0.0
09/05/2024 05:00					0.0
09/05/2024 05:10					0.0
09/05/2024 05:20					0.0
09/05/2024 05:30					0.0
09/05/2024 05:40					0.0
09/05/2024 05:50					0.0
09/05/2024 06:00					0.0
09/05/2024 06:10					0.0
09/05/2024 06:20					0.0
09/05/2024 06:30					0.0
09/05/2024 06:40					0.0
09/05/2024 06:50					0.0
09/05/2024 07:00					0.0
09/05/2024 07:10					0.0
09/05/2024 07:20	0.6	90	18	1.2	0.0
09/05/2024 07:30	0.5	107	19	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 07:40	1.3	98	25	2.4	0.0
09/05/2024 07:50	1.0	103	24	2.2	0.0
09/05/2024 08:00	1.7	97	29	3.2	0.0
09/05/2024 08:10	1.8	102	30	2.9	0.0
09/05/2024 08:20	1.7	109	34	2.9	0.0
09/05/2024 08:30	2.1	110	29	4.0	0.0
09/05/2024 08:40	2.5	89	27	4.0	0.0
09/05/2024 08:50	2.1	98	24	3.4	0.0
09/05/2024 09:00	2.0	109	33	3.5	0.0
09/05/2024 09:10	2.1	99	29	3.6	0.0
09/05/2024 09:20	3.2	90	26	5.6	0.0
09/05/2024 09:30	3.6	84	26	5.6	0.0
09/05/2024 09:40	3.1	82	26	5.8	0.0
09/05/2024 09:50	3.4	82	23	5.8	0.0
09/05/2024 10:00	3.2	93	28	5.1	0.0
09/05/2024 10:10	3.0	78	23	5.1	0.0
09/05/2024 10:20	3.4	74	22	5.2	0.0
09/05/2024 10:30	3.3	80	27	5.6	0.0
09/05/2024 10:40	3.3	71	25	5.2	0.0
09/05/2024 10:50	3.3	82	26	5.7	0.0
09/05/2024 11:00	3.4	85	25	5.6	0.0
09/05/2024 11:10	3.2	79	27	5.1	0.0
09/05/2024 11:20	3.0	78	27	5.3	0.0
09/05/2024 11:30	3.2	68	24	5.7	0.0
09/05/2024 11:40	3.2	68	25	5.2	0.0
09/05/2024 11:50	3.4	59	24	5.8	0.0
09/05/2024 12:00	3.4	63	24	6.0	0.0
09/05/2024 12:10	3.4	62	24	5.6	0.0
09/05/2024 12:20	3.6	61	21	6.2	0.0
09/05/2024 12:30	3.4	64	24	5.4	0.0
09/05/2024 12:40	3.5	60	23	5.6	0.0
09/05/2024 12:50	3.4	63	24	6.0	0.0
09/05/2024 13:00	3.4	70	24	5.5	0.0
09/05/2024 13:10	3.3	64	23	5.7	0.0
09/05/2024 13:20	3.6	71	22	5.7	0.0
09/05/2024 13:30	3.2	69	22	4.6	0.0
09/05/2024 13:40	3.1	72	23	4.7	0.0
09/05/2024 13:50	2.9	77	27	4.6	0.0
09/05/2024 14:00	3.0	73	22	4.7	0.0
09/05/2024 14:10	2.9	70	24	4.4	0.0
09/05/2024 14:20	2.7	74	22	4.3	0.0
09/05/2024 14:30	2.5	67	22	4.1	0.0
09/05/2024 14:40	2.7	61	22	4.4	0.0
09/05/2024 14:50	2.8	49	21	4.4	0.0
09/05/2024 15:00	3.1	57	22	5.1	0.0



Yara Pilbara Nitrates- Water Tanks
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 15:10	3.3	57	24	5.6	0.0
09/05/2024 15:20	3.0	52	20	5.6	0.0
09/05/2024 15:30	3.0	51	20	4.7	0.0
09/05/2024 15:40	2.6	60	22	4.9	0.0
09/05/2024 15:50	2.5	59	22	4.2	0.0
09/05/2024 16:00	2.4	55	22	3.7	0.0
09/05/2024 16:10	2.2	42	26	4.0	0.0
09/05/2024 16:20	2.4	43	22	4.1	0.0
09/05/2024 16:30	2.3	28	29	4.1	0.0
09/05/2024 16:40	2.5	21	27	4.0	0.0
09/05/2024 16:50	2.1	24	29	3.6	0.0
09/05/2024 17:00	1.9	26	30	3.5	0.0
09/05/2024 17:10	2.1	15	29	3.5	0.0
09/05/2024 17:20	2.2	19	30	3.9	0.0
09/05/2024 17:30	2.1	25	26	3.7	0.0
09/05/2024 17:40	1.8	26	29	3.1	0.0
09/05/2024 17:50	1.6	25	28	2.8	0.0
09/05/2024 18:00	2.0	30	25	3.4	0.0
09/05/2024 18:10	1.7	29	26	2.8	0.0
09/05/2024 18:20	1.8	36	23	3.1	0.0
09/05/2024 18:30	1.6	33	23	2.9	0.0
09/05/2024 18:40	1.6	35	24	3.2	0.0
09/05/2024 18:50	1.8	27	25	2.8	0.0
09/05/2024 19:00	1.7	28	24	2.6	0.0
09/05/2024 19:10	1.5	29	33	2.4	0.0
09/05/2024 19:20	1.4	40	25	2.4	0.0
09/05/2024 19:30	1.4	33	23	2.4	0.0
09/05/2024 19:40	1.5	30	27	2.8	0.0
09/05/2024 19:50	1.1	38	24	2.0	0.0
09/05/2024 20:00	1.0	34	26	1.8	0.0
09/05/2024 20:10	1.3	43	18	1.8	0.0
09/05/2024 20:20	0.8	42	17	1.4	0.0
09/05/2024 20:30	0.1	78	3	0.8	0.0
09/05/2024 20:40					0.0
09/05/2024 20:50	0.5	35	9	0.9	0.0
09/05/2024 21:00	0.5	37	11	1.0	0.0
09/05/2024 21:10	0.0	194	2	0.7	0.0
09/05/2024 21:20	0.4	175	18	1.0	0.0
09/05/2024 21:30					0.0
09/05/2024 21:40					0.0
09/05/2024 21:50					0.0
09/05/2024 22:00	0.4	341	4	1.1	0.0
09/05/2024 22:10	0.4	337	7	0.9	0.0
09/05/2024 22:20					0.0
09/05/2024 22:30	0.2	345	6	0.9	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
09/05/2024 22:40	0.5	8	14	0.8	0.0
09/05/2024 22:50	0.1	354	5	0.6	0.0
09/05/2024 23:00	0.0	345	0	0.4	0.0
09/05/2024 23:10	0.0	184	1	0.4	0.0
09/05/2024 23:20					0.0
09/05/2024 23:30					0.0
09/05/2024 23:40					0.0
09/05/2024 23:50	0.1	29	6	0.6	0.0
10/05/2024 00:00	0.1	2	8	0.8	0.0
10/05/2024 00:10	0.2	2	11	0.6	0.0
10/05/2024 00:20	0.4	44	14	0.9	0.0
10/05/2024 00:30	0.5	30	12	1.1	0.0
10/05/2024 00:40	0.5	17	15	0.9	0.0
10/05/2024 00:50	0.3	20	10	0.8	0.0
10/05/2024 01:00	0.3	29	10	0.8	0.0
10/05/2024 01:10	0.3	17	10	1.1	0.0
10/05/2024 01:20	0.1	32	8	0.6	0.0
10/05/2024 01:30	0.0	54	1	0.4	0.0
10/05/2024 01:40					0.0
10/05/2024 01:50	0.1	17	7	0.8	0.0
10/05/2024 02:00					0.0
10/05/2024 02:10					0.0
10/05/2024 02:20	0.0	81	4	0.4	0.0
10/05/2024 02:30					0.0
10/05/2024 02:40					0.0
10/05/2024 02:50					0.0
10/05/2024 03:00	0.1	11	6	0.8	0.0
10/05/2024 03:10	0.2	15	13	0.8	0.0
10/05/2024 03:20	0.3	5	10	0.8	0.0
10/05/2024 03:30					0.0
10/05/2024 03:40					0.0
10/05/2024 03:50					0.0
10/05/2024 04:00					0.0
10/05/2024 04:10					0.0
10/05/2024 04:20					0.0
10/05/2024 04:30					0.0
10/05/2024 04:40					0.0
10/05/2024 04:50	0.1	46	8	0.9	0.0
10/05/2024 05:00	0.4	41	15	0.9	0.0
10/05/2024 05:10	0.6	40	19	1.0	0.0
10/05/2024 05:20	0.2	36	12	0.7	0.0
10/05/2024 05:30	0.2	26	8	0.8	0.0
10/05/2024 05:40					0.0
10/05/2024 05:50					0.0
10/05/2024 06:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 06:10					0.0
10/05/2024 06:20	0.4	46	35	1.6	0.0
10/05/2024 06:30	0.2	56	26	0.9	0.0
10/05/2024 06:40	0.6	74	25	1.6	0.0
10/05/2024 06:50	0.4	78	26	1.6	0.0
10/05/2024 07:00	0.4	81	17	1.1	0.0
10/05/2024 07:10	0.8	77	19	1.3	0.0
10/05/2024 07:20	1.0	83	19	1.4	0.0
10/05/2024 07:30	1.0	82	19	1.5	0.0
10/05/2024 07:40	1.2	90	21	2.4	0.0
10/05/2024 07:50	0.9	101	38	1.9	0.0
10/05/2024 08:00	1.3	97	32	2.6	0.0
10/05/2024 08:10	1.8	100	28	3.0	0.0
10/05/2024 08:20	1.6	97	29	2.7	0.0
10/05/2024 08:30	1.9	94	23	3.0	0.0
10/05/2024 08:40	1.8	103	31	3.1	0.0
10/05/2024 08:50	1.6	110	32	2.5	0.0
10/05/2024 09:00	1.6	115	29	3.0	0.0
10/05/2024 09:10	1.4	113	34	2.4	0.0
10/05/2024 09:20	1.4	122	30	2.4	0.0
10/05/2024 09:30	1.3	118	32	2.1	0.0
10/05/2024 09:40	1.3	116	28	2.6	0.0
10/05/2024 09:50	1.4	132	34	2.7	0.0
10/05/2024 10:00	1.9	108	35	3.3	0.0
10/05/2024 10:10	2.8	98	27	4.1	0.0
10/05/2024 10:20	3.0	95	25	5.2	0.0
10/05/2024 10:30	2.4	86	34	4.3	0.0
10/05/2024 10:40	2.7	79	27	4.4	0.0
10/05/2024 10:50	2.6	70	29	4.7	0.0
10/05/2024 11:00	3.0	70	32	4.6	0.0
10/05/2024 11:10	2.6	74	30	4.1	0.0
10/05/2024 11:20	3.0	84	26	4.9	0.0
10/05/2024 11:30	3.2	86	26	5.6	0.0
10/05/2024 11:40	3.0	86	27	4.5	0.0
10/05/2024 11:50	3.0	85	26	4.9	0.0
10/05/2024 12:00	2.9	81	29	4.5	0.0
10/05/2024 12:10	2.8	62	26	4.7	0.0
10/05/2024 12:20	3.0	57	27	5.2	0.0
10/05/2024 12:30	3.1	51	24	5.1	0.0
10/05/2024 12:40	3.0	57	24	5.2	0.0
10/05/2024 12:50	2.7	63	22	3.9	0.0
10/05/2024 13:00	3.0	60	23	5.0	0.0
10/05/2024 13:10	2.8	60	26	4.7	0.0
10/05/2024 13:20	2.8	60	24	5.0	0.0
10/05/2024 13:30	2.8	61	24	4.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 13:40	2.8	62	23	4.2	0.0
10/05/2024 13:50	2.9	67	23	4.4	0.0
10/05/2024 14:00	3.0	76	23	4.6	0.0
10/05/2024 14:10	3.0	69	21	4.4	0.0
10/05/2024 14:20	2.6	66	24	4.7	0.0
10/05/2024 14:30	2.7	65	21	4.3	0.0
10/05/2024 14:40	2.8	74	21	4.2	0.0
10/05/2024 14:50	2.8	76	22	4.2	0.0
10/05/2024 15:00	2.8	71	21	4.5	0.0
10/05/2024 15:10	2.9	60	23	4.4	0.0
10/05/2024 15:20	2.8	55	21	5.1	0.0
10/05/2024 15:30	2.8	57	22	4.7	0.0
10/05/2024 15:40	2.9	60	21	4.5	0.0
10/05/2024 15:50	2.9	53	22	4.9	0.0
10/05/2024 16:00	2.3	60	23	3.4	0.0
10/05/2024 16:10	2.6	49	23	4.0	0.0
10/05/2024 16:20	2.3	53	23	3.8	0.0
10/05/2024 16:30	2.2	58	20	4.0	0.0
10/05/2024 16:40	2.5	49	19	4.0	0.0
10/05/2024 16:50	2.5	49	19	3.8	0.0
10/05/2024 17:00	2.6	47	19	3.8	0.0
10/05/2024 17:10	1.7	52	17	2.9	0.0
10/05/2024 17:20	1.9	48	19	3.2	0.0
10/05/2024 17:30	1.3	54	17	1.8	0.0
10/05/2024 17:40	1.2	51	16	1.7	0.0
10/05/2024 17:50	1.4	49	16	2.0	0.0
10/05/2024 18:00	1.4	46	18	2.4	0.0
10/05/2024 18:10	1.4	43	18	2.1	0.0
10/05/2024 18:20	1.8	33	19	2.8	0.0
10/05/2024 18:30	1.8	30	21	3.1	0.0
10/05/2024 18:40	1.5	35	20	2.4	0.0
10/05/2024 18:50	2.0	35	20	3.4	0.0
10/05/2024 19:00	1.8	35	19	2.8	0.0
10/05/2024 19:10	1.8	36	17	2.8	0.0
10/05/2024 19:20	1.4	41	17	2.0	0.0
10/05/2024 19:30	1.5	37	17	2.0	0.0
10/05/2024 19:40	1.3	45	19	2.0	0.0
10/05/2024 19:50	1.4	40	16	2.1	0.0
10/05/2024 20:00	1.2	29	17	1.8	0.0
10/05/2024 20:10	0.8	26	13	1.4	0.0
10/05/2024 20:20	0.7	21	13	1.2	0.0
10/05/2024 20:30	0.3	23	7	0.9	0.0
10/05/2024 20:40	0.0	240	0	0.4	0.0
10/05/2024 20:50	0.0	355	0	0.4	0.0
10/05/2024 21:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 21:10					0.0
10/05/2024 21:20					0.0
10/05/2024 21:30					0.0
10/05/2024 21:40					0.0
10/05/2024 21:50					0.0
10/05/2024 22:00	0.2	15	6	0.7	0.0
10/05/2024 22:10	0.0	21	0	0.4	0.0
10/05/2024 22:20	0.0	31	0	0.4	0.0
10/05/2024 22:30	0.0	39	2	0.6	0.0
10/05/2024 22:40					0.0
10/05/2024 22:50					0.0
10/05/2024 23:00	0.1	23	3	0.6	0.0
10/05/2024 23:10	0.3	28	11	0.8	0.0
10/05/2024 23:20	0.1	45	4	0.6	0.0
10/05/2024 23:30					0.0
10/05/2024 23:40					0.0
10/05/2024 23:50	0.1	336	5	0.5	0.0
11/05/2024 00:00					0.0
11/05/2024 00:10	0.2	348	5	0.8	0.0
11/05/2024 00:20					0.0
11/05/2024 00:30					0.0
11/05/2024 00:40					0.0
11/05/2024 00:50					0.0
11/05/2024 01:00	0.2	177	9	0.8	0.0
11/05/2024 01:10	0.1	177	5	0.8	0.0
11/05/2024 01:20	0.6	344	12	1.1	0.0
11/05/2024 01:30	0.5	333	10	0.8	0.0
11/05/2024 01:40	0.7	341	14	1.0	0.0
11/05/2024 01:50	0.7	340	12	1.3	0.0
11/05/2024 02:00	0.7	176	16	1.0	0.0
11/05/2024 02:10	0.8	20	11	1.1	0.0
11/05/2024 02:20	1.0	29	14	1.4	0.0
11/05/2024 02:30	1.1	29	18	1.4	0.0
11/05/2024 02:40	1.0	30	16	1.5	0.0
11/05/2024 02:50	0.8	41	18	1.3	0.0
11/05/2024 03:00	0.2	26	15	0.9	0.0
11/05/2024 03:10	0.4	5	16	0.9	0.0
11/05/2024 03:20	0.3	356	11	1.0	0.0
11/05/2024 03:30	0.4	178	26	1.6	0.0
11/05/2024 03:40	0.3	241	19	1.0	0.0
11/05/2024 03:50	0.3	161	16	1.1	0.0
11/05/2024 04:00	0.5	28	24	1.0	0.0
11/05/2024 04:10	0.1	196	10	0.5	0.0
11/05/2024 04:20	0.6	41	27	0.9	0.0
11/05/2024 04:30	0.7	43	25	1.2	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 04:40	0.7	42	20	1.1	0.0
11/05/2024 04:50	0.7	47	21	1.2	0.0
11/05/2024 05:00	0.6	41	17	1.1	0.0
11/05/2024 05:10	0.7	40	19	1.2	0.0
11/05/2024 05:20	0.0	60	0	0.4	0.0
11/05/2024 05:30	0.2	34	15	0.8	0.0
11/05/2024 05:40	0.8	41	21	1.4	0.0
11/05/2024 05:50	0.9	42	22	1.4	0.0
11/05/2024 06:00	0.1	39	16	0.7	0.0
11/05/2024 06:10	0.5	36	25	0.8	0.0
11/05/2024 06:20	0.2	19	22	0.8	0.0
11/05/2024 06:30	0.2	32	16	0.8	0.0
11/05/2024 06:40	0.4	34	29	1.1	0.0
11/05/2024 06:50	0.9	87	37	2.5	0.0
11/05/2024 07:00	1.0	95	33	2.4	0.0
11/05/2024 07:10	1.2	101	34	2.0	0.0
11/05/2024 07:20	1.1	95	40	2.4	0.0
11/05/2024 07:30	0.9	93	28	1.6	0.0
11/05/2024 07:40	1.3	91	21	2.5	0.0
11/05/2024 07:50	1.4	90	24	2.6	0.0
11/05/2024 08:00	1.3	90	23	2.4	0.0
11/05/2024 08:10	1.3	93	33	2.4	0.0
11/05/2024 08:20	1.5	96	34	2.8	0.0
11/05/2024 08:30	1.4	105	31	2.4	0.0
11/05/2024 08:40	1.4	103	25	2.0	0.0
11/05/2024 08:50	1.5	103	28	2.8	0.0
11/05/2024 09:00	1.5	112	27	2.4	0.0
11/05/2024 09:10	1.4	105	32	2.4	0.0
11/05/2024 09:20	1.4	112	33	2.4	0.0
11/05/2024 09:30	1.4	109	30	2.2	0.0
11/05/2024 09:40	1.4	117	25	2.5	0.0
11/05/2024 09:50	1.2	99	32	2.4	0.0
11/05/2024 10:00	1.4	89	30	2.4	0.0
11/05/2024 10:10	1.9	86	31	3.5	0.0
11/05/2024 10:20	2.2	77	28	3.6	0.0
11/05/2024 10:30	2.2	84	25	4.0	0.0
11/05/2024 10:40	2.3	73	24	3.8	0.0
11/05/2024 10:50	2.3	90	21	3.7	0.0
11/05/2024 11:00	2.4	65	23	4.8	0.0
11/05/2024 11:10	2.5	60	23	4.6	0.0
11/05/2024 11:20	2.5	58	25	4.0	0.0
11/05/2024 11:30	2.7	57	20	4.8	0.0
11/05/2024 11:40	2.5	60	26	4.3	0.0
11/05/2024 11:50	2.8	59	21	4.2	0.0
11/05/2024 12:00	2.6	48	22	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 12:10	3.1	55	23	4.7	0.0
11/05/2024 12:20	2.7	56	20	4.0	0.0
11/05/2024 12:30	3.0	55	23	4.8	0.0
11/05/2024 12:40	2.8	56	21	4.5	0.0
11/05/2024 12:50	2.3	61	24	4.0	0.0
11/05/2024 13:00	2.4	52	22	4.3	0.0
11/05/2024 13:10	2.6	65	27	4.2	0.0
11/05/2024 13:20	2.5	66	26	5.0	0.0
11/05/2024 13:30	2.5	69	25	4.2	0.0
11/05/2024 13:40	2.5	62	24	4.4	0.0
11/05/2024 13:50	2.6	67	24	4.7	0.0
11/05/2024 14:00	2.5	67	24	4.0	0.0
11/05/2024 14:10	2.6	62	26	4.4	0.0
11/05/2024 14:20	2.5	60	23	4.2	0.0
11/05/2024 14:30	2.6	57	20	4.7	0.0
11/05/2024 14:40	2.5	58	23	4.2	0.0
11/05/2024 14:50	2.5	49	23	3.9	0.0
11/05/2024 15:00	2.6	54	20	4.1	0.0
11/05/2024 15:10	2.6	49	19	4.4	0.0
11/05/2024 15:20	3.2	48	20	4.9	0.0
11/05/2024 15:30	2.9	48	18	4.6	0.0
11/05/2024 15:40	2.5	50	20	4.3	0.0
11/05/2024 15:50	2.7	48	21	3.9	0.0
11/05/2024 16:00	2.0	52	21	3.1	0.0
11/05/2024 16:10	2.3	46	17	3.5	0.0
11/05/2024 16:20	2.1	43	18	3.3	0.0
11/05/2024 16:30	1.6	43	24	2.5	0.0
11/05/2024 16:40	1.7	27	27	3.0	0.0
11/05/2024 16:50	2.0	21	26	3.5	0.0
11/05/2024 17:00	1.7	22	28	3.4	0.0
11/05/2024 17:10	2.0	17	26	3.2	0.0
11/05/2024 17:20	1.9	24	25	3.2	0.0
11/05/2024 17:30	1.7	16	25	2.8	0.0
11/05/2024 17:40	1.9	17	24	3.3	0.0
11/05/2024 17:50	2.1	17	27	3.4	0.0
11/05/2024 18:00	2.3	21	25	4.2	0.0
11/05/2024 18:10	2.4	16	20	3.5	0.0
11/05/2024 18:20	1.8	22	26	2.8	0.0
11/05/2024 18:30	1.5	173	31	2.6	0.0
11/05/2024 18:40	1.5	15	32	2.8	0.0
11/05/2024 18:50	1.6	15	30	2.9	0.0
11/05/2024 19:00	1.4	5	27	2.3	0.0
11/05/2024 19:10	0.5	198	33	1.5	0.0
11/05/2024 19:20	0.7	349	32	1.8	0.0
11/05/2024 19:30	0.4	224	54	1.5	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 19:40	0.1	299	34	0.4	0.0
11/05/2024 19:50	0.2	72	8	0.8	0.0
11/05/2024 20:00	0.0	60	6	0.4	0.0
11/05/2024 20:10	0.3	30	7	0.9	0.0
11/05/2024 20:20	1.0	32	16	1.4	0.0
11/05/2024 20:30	1.0	35	18	1.6	0.0
11/05/2024 20:40	0.8	17	17	1.3	0.0
11/05/2024 20:50	0.5	353	12	1.1	0.0
11/05/2024 21:00	0.4	11	15	1.0	0.0
11/05/2024 21:10	0.4	341	6	1.2	0.0
11/05/2024 21:20	0.6	28	13	1.1	0.0
11/05/2024 21:30	0.7	17	10	1.1	0.0
11/05/2024 21:40	0.0	325	1	0.4	0.0
11/05/2024 21:50					0.0
11/05/2024 22:00					0.0
11/05/2024 22:10	0.7	347	10	1.2	0.0
11/05/2024 22:20	0.2	325	6	0.8	0.0
11/05/2024 22:30	0.2	346	5	0.7	0.0
11/05/2024 22:40					0.0
11/05/2024 22:50					0.0
11/05/2024 23:00	0.2	1	11	0.9	0.0
11/05/2024 23:10	0.4	179	11	1.2	0.0
11/05/2024 23:20	0.0	351	4	0.4	0.0
11/05/2024 23:30					0.0
11/05/2024 23:40					0.0
11/05/2024 23:50					0.0
12/05/2024 00:00					0.0
12/05/2024 00:10					0.0
12/05/2024 00:20					0.0
12/05/2024 00:30					0.0
12/05/2024 00:40					0.0
12/05/2024 00:50					0.0
12/05/2024 01:00					0.0
12/05/2024 01:10					0.0
12/05/2024 01:20					0.0
12/05/2024 01:30					0.0
12/05/2024 01:40					0.0
12/05/2024 01:50					0.0
12/05/2024 02:00					0.0
12/05/2024 02:10					0.0
12/05/2024 02:20					0.0
12/05/2024 02:30					0.0
12/05/2024 02:40					0.0
12/05/2024 02:50					0.0
12/05/2024 03:00					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 03:10					0.0
12/05/2024 03:20					0.0
12/05/2024 03:30					0.0
12/05/2024 03:40					0.0
12/05/2024 03:50					0.0
12/05/2024 04:00					0.0
12/05/2024 04:10					0.0
12/05/2024 04:20					0.0
12/05/2024 04:30					0.0
12/05/2024 04:40					0.0
12/05/2024 04:50					0.0
12/05/2024 05:00					0.0
12/05/2024 05:10					0.0
12/05/2024 05:20					0.0
12/05/2024 05:30					0.0
12/05/2024 05:40					0.0
12/05/2024 05:50					0.0
12/05/2024 06:00					0.0
12/05/2024 06:10					0.0
12/05/2024 06:20					0.0
12/05/2024 06:30					0.0
12/05/2024 06:40					0.0
12/05/2024 06:50					0.0
12/05/2024 07:00					0.0
12/05/2024 07:10					0.0
12/05/2024 07:20					0.0
12/05/2024 07:30					0.0
12/05/2024 07:40					0.0
12/05/2024 07:50					0.0
12/05/2024 08:00	0.7	97	19	1.9	0.0
12/05/2024 08:10	1.4	102	28	2.7	0.0
12/05/2024 08:20	1.2	110	31	2.4	0.0
12/05/2024 08:30	1.5	109	27	2.6	0.0
12/05/2024 08:40	1.3	104	33	2.2	0.0
12/05/2024 08:50	1.2	132	28	2.0	0.0
12/05/2024 09:00	1.5	125	27	2.8	0.0
12/05/2024 09:10	1.7	133	30	3.1	0.0
12/05/2024 09:20	1.6	129	27	2.5	0.0
12/05/2024 09:30	1.9	129	28	3.2	0.0
12/05/2024 09:40	1.9	115	24	2.9	0.0
12/05/2024 09:50	1.9	111	29	3.0	0.0
12/05/2024 10:00	2.5	100	26	4.0	0.0
12/05/2024 10:10	2.6	93	29	4.4	0.0
12/05/2024 10:20	3.3	89	28	5.2	0.0
12/05/2024 10:30	3.4	89	22	5.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 10:40	3.3	95	31	5.2	0.0
12/05/2024 10:50	2.7	89	22	4.8	0.0
12/05/2024 11:00	3.1	84	27	4.8	0.0
12/05/2024 11:10	3.2	84	24	5.1	0.0
12/05/2024 11:20	2.9	78	22	4.3	0.0
12/05/2024 11:30	3.1	75	25	4.6	0.0
12/05/2024 11:40	3.4	87	23	5.2	0.0
12/05/2024 11:50	3.3	77	25	5.2	0.0
12/05/2024 12:00	3.3	85	27	5.3	0.0
12/05/2024 12:10	3.2	89	27	5.3	0.0
12/05/2024 12:20	3.0	82	28	4.8	0.0
12/05/2024 12:30	2.8	87	29	4.9	0.0
12/05/2024 12:40	2.5	69	27	4.0	0.0
12/05/2024 12:50	2.8	68	26	4.7	0.0
12/05/2024 13:00	2.7	60	22	4.5	0.0
12/05/2024 13:10	2.7	65	26	4.1	0.0
12/05/2024 13:20	2.9	64	25	4.6	0.0
12/05/2024 13:30	2.6	59	24	4.5	0.0
12/05/2024 13:40	2.6	70	30	4.8	0.0
12/05/2024 13:50	2.8	67	25	4.5	0.0
12/05/2024 14:00	2.7	70	26	4.1	0.0
12/05/2024 14:10	2.7	68	23	4.0	0.0
12/05/2024 14:20	2.7	78	28	4.3	0.0
12/05/2024 14:30	2.9	68	23	4.7	0.0
12/05/2024 14:40	2.8	74	23	4.4	0.0
12/05/2024 14:50	2.8	74	26	4.6	0.0
12/05/2024 15:00	2.7	71	25	4.4	0.0
12/05/2024 15:10	2.6	71	22	4.4	0.0
12/05/2024 15:20	2.7	50	22	4.4	0.0
12/05/2024 15:30	2.7	60	23	4.4	0.0
12/05/2024 15:40	2.6	53	22	4.6	0.0
12/05/2024 15:50	2.4	52	24	4.0	0.0
12/05/2024 16:00	2.7	53	24	4.4	0.0
12/05/2024 16:10	2.5	61	22	4.0	0.0
12/05/2024 16:20	2.8	54	22	4.8	0.0
12/05/2024 16:30	2.5	62	22	3.8	0.0
12/05/2024 16:40	2.3	60	20	3.6	0.0
12/05/2024 16:50	2.2	60	21	3.6	0.0
12/05/2024 17:00	2.2	63	23	3.4	0.0
12/05/2024 17:10	1.9	60	22	3.0	0.0
12/05/2024 17:20	1.8	61	21	2.7	0.0
12/05/2024 17:30	1.7	53	17	2.8	0.0
12/05/2024 17:40	1.8	45	23	2.8	0.0
12/05/2024 17:50	1.8	44	20	2.9	0.0
12/05/2024 18:00	1.5	35	20	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 18:10	1.9	37	21	2.8	0.0
12/05/2024 18:20	1.7	31	27	3.1	0.0
12/05/2024 18:30	2.0	24	30	3.5	0.0
12/05/2024 18:40	1.8	32	26	2.8	0.0
12/05/2024 18:50	1.9	28	29	3.3	0.0
12/05/2024 19:00	1.6	32	33	2.8	0.0
12/05/2024 19:10	1.5	31	28	2.5	0.0
12/05/2024 19:20	1.5	38	27	2.3	0.0
12/05/2024 19:30	1.4	34	25	2.7	0.0
12/05/2024 19:40	1.5	38	23	2.9	0.0
12/05/2024 19:50	1.3	40	23	2.0	0.0
12/05/2024 20:00	1.6	26	29	2.4	0.0
12/05/2024 20:10	1.5	39	25	2.3	0.0
12/05/2024 20:20	1.5	36	30	2.8	0.0
12/05/2024 20:30	1.6	33	26	2.6	0.0
12/05/2024 20:40	1.3	45	20	2.5	0.0
12/05/2024 20:50	1.3	39	22	2.4	0.0
12/05/2024 21:00	1.1	40	22	2.0	0.0
12/05/2024 21:10	1.3	39	21	2.6	0.0
12/05/2024 21:20	1.2	41	20	2.3	0.0
12/05/2024 21:30	1.0	37	19	1.8	0.0
12/05/2024 21:40	1.3	41	18	1.9	0.0
12/05/2024 21:50	0.9	35	15	1.5	0.0
12/05/2024 22:00	1.0	40	18	1.6	0.0
12/05/2024 22:10	0.9	43	15	1.5	0.0
12/05/2024 22:20	0.9	34	20	1.7	0.0
12/05/2024 22:30	0.6	29	25	1.1	0.0
12/05/2024 22:40	0.1	11	18	0.9	0.0
12/05/2024 22:50	0.1	18	11	0.6	0.0
12/05/2024 23:00					0.0
12/05/2024 23:10					0.0
12/05/2024 23:20					0.0
12/05/2024 23:30					0.0
12/05/2024 23:40	0.6	6	20	1.9	0.0
12/05/2024 23:50	1.3	177	31	2.6	0.0
13/05/2024 00:00	0.4	178	28	1.3	0.0
13/05/2024 00:10	0.6	352	28	1.5	0.0
13/05/2024 00:20	0.4	178	20	1.4	0.0
13/05/2024 00:30					0.0
13/05/2024 00:40	0.5	239	9	0.9	0.0
13/05/2024 00:50	0.1	295	2	0.6	0.0
13/05/2024 01:00	0.1	346	6	0.8	0.0
13/05/2024 01:10	0.5	174	22	0.9	0.0
13/05/2024 01:20	0.2	353	13	0.8	0.0
13/05/2024 01:30	0.0	341	0	0.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 01:40	0.2	353	8	0.8	0.0
13/05/2024 01:50	0.4	348	7	1.1	0.0
13/05/2024 02:00					0.0
13/05/2024 02:10					0.0
13/05/2024 02:20					0.0
13/05/2024 02:30					0.0
13/05/2024 02:40	0.1	204	5	0.8	0.0
13/05/2024 02:50	0.8	228	14	1.6	0.0
13/05/2024 03:00	0.6	188	17	1.4	0.0
13/05/2024 03:10	0.0	266	4	0.8	0.0
13/05/2024 03:20	0.3	243	26	1.2	0.0
13/05/2024 03:30	0.1	57	20	0.8	0.0
13/05/2024 03:40	0.0	319	0	0.4	0.0
13/05/2024 03:50	0.2	105	22	0.8	0.0
13/05/2024 04:00	0.3	115	29	1.2	0.0
13/05/2024 04:10	0.5	85	32	1.2	0.0
13/05/2024 04:20	0.4	76	24	0.9	0.0
13/05/2024 04:30	0.2	102	13	1.1	0.0
13/05/2024 04:40	0.0	190	0	0.4	0.0
13/05/2024 04:50					0.0
13/05/2024 05:00					0.0
13/05/2024 05:10					0.0
13/05/2024 05:20					0.0
13/05/2024 05:30					0.0
13/05/2024 05:40					0.0
13/05/2024 05:50					0.0
13/05/2024 06:00					0.0
13/05/2024 06:10					0.0
13/05/2024 06:20					0.0
13/05/2024 06:30					0.0
13/05/2024 06:40					0.0
13/05/2024 06:50					0.0
13/05/2024 07:00					0.0
13/05/2024 07:10					0.0
13/05/2024 07:20					0.0
13/05/2024 07:30					0.0
13/05/2024 07:40					0.0
13/05/2024 07:50					0.0
13/05/2024 08:00					0.0
13/05/2024 08:10					0.0
13/05/2024 08:20	0.9	132	26	2.2	0.0
13/05/2024 08:30	1.5	126	32	2.7	0.0
13/05/2024 08:40	1.5	137	34	2.8	0.0
13/05/2024 08:50	1.7	117	35	3.0	0.0
13/05/2024 09:00	1.6	122	36	2.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 09:10	1.6	129	29	3.2	0.0
13/05/2024 09:20	1.9	122	29	3.2	0.0
13/05/2024 09:30	1.9	106	27	3.0	0.0
13/05/2024 09:40	1.7	115	34	2.9	0.0
13/05/2024 09:50	2.1	109	32	3.8	0.0
13/05/2024 10:00	1.8	103	37	3.5	0.0
13/05/2024 10:10	2.0	101	31	3.0	0.0
13/05/2024 10:20	2.0	101	30	3.8	0.0
13/05/2024 10:30	2.2	109	30	3.4	0.0
13/05/2024 10:40	2.1	97	30	3.5	0.0
13/05/2024 10:50	2.3	73	26	3.8	0.0
13/05/2024 11:00	2.7	86	24	4.2	0.0
13/05/2024 11:10	2.5	73	29	4.7	0.0
13/05/2024 11:20	2.5	71	27	4.2	0.0
13/05/2024 11:30	2.7	59	23	4.5	0.0
13/05/2024 11:40	2.6	60	23	4.4	0.0
13/05/2024 11:50	2.2	63	26	3.6	0.0
13/05/2024 12:00	2.5	65	25	4.1	0.0
13/05/2024 12:10	2.5	66	25	4.3	0.0
13/05/2024 12:20	2.4	61	29	4.2	0.0
13/05/2024 12:30	2.3	69	30	4.5	0.0
13/05/2024 12:40	2.6	62	25	4.0	0.0
13/05/2024 12:50	2.5	58	27	4.4	0.0
13/05/2024 13:00	2.5	53	21	3.9	0.0
13/05/2024 13:10	2.5	62	23	4.2	0.0
13/05/2024 13:20	2.4	58	25	3.9	0.0
13/05/2024 13:30	2.5	58	22	4.0	0.0
13/05/2024 13:40	2.6	67	23	4.4	0.0
13/05/2024 13:50	2.7	58	23	5.2	0.0
13/05/2024 14:00	2.7	65	24	4.7	0.0
13/05/2024 14:10	2.5	66	28	4.1	0.0
13/05/2024 14:20	2.7	55	25	4.7	0.0
13/05/2024 14:30	2.7	62	20	3.9	0.0
13/05/2024 14:40	2.4	66	23	3.8	0.0
13/05/2024 14:50	2.4	68	22	4.1	0.0
13/05/2024 15:00	2.5	57	20	4.0	0.0
13/05/2024 15:10	2.7	63	22	4.1	0.0
13/05/2024 15:20	2.6	54	22	4.0	0.0
13/05/2024 15:30	2.6	63	24	4.0	0.0
13/05/2024 15:40	2.5	66	24	4.0	0.0
13/05/2024 15:50	2.5	64	23	4.0	0.0
13/05/2024 16:00	2.5	57	24	3.9	0.0
13/05/2024 16:10	2.2	61	22	3.8	0.0
13/05/2024 16:20	2.3	63	25	3.9	0.0
13/05/2024 16:30	2.3	63	21	3.4	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 16:40	2.1	69	23	3.2	0.0
13/05/2024 16:50	2.1	65	20	3.3	0.0
13/05/2024 17:00	1.7	66	19	3.3	0.0
13/05/2024 17:10	1.9	60	20	3.0	0.0
13/05/2024 17:20	2.2	51	17	3.7	0.0
13/05/2024 17:30	1.9	48	19	3.1	0.0
13/05/2024 17:40	1.4	53	16	2.2	0.0
13/05/2024 17:50	1.4	47	20	2.3	0.0
13/05/2024 18:00	1.0	45	23	1.8	0.0
13/05/2024 18:10	1.7	51	20	3.2	0.0
13/05/2024 18:20	1.3	48	22	2.2	0.0
13/05/2024 18:30	1.4	49	19	2.5	0.0
13/05/2024 18:40	1.5	37	23	2.4	0.0
13/05/2024 18:50	1.4	44	23	2.1	0.0
13/05/2024 19:00	1.4	30	26	2.1	0.0
13/05/2024 19:10	1.5	27	30	2.7	0.0
13/05/2024 19:20	1.8	16	26	2.8	0.0
13/05/2024 19:30	1.7	19	30	2.8	0.0
13/05/2024 19:40	1.9	16	28	3.3	0.0
13/05/2024 19:50	1.5	30	26	2.3	0.0
13/05/2024 20:00	1.7	21	25	2.9	0.0
13/05/2024 20:10	1.4	27	26	2.4	0.0
13/05/2024 20:20	1.5	22	23	2.4	0.0
13/05/2024 20:30	1.5	25	29	2.4	0.0
13/05/2024 20:40	1.3	35	20	1.9	0.0
13/05/2024 20:50	1.4	36	23	2.5	0.0
13/05/2024 21:00	1.6	36	22	2.6	0.0
13/05/2024 21:10	1.3	31	27	2.1	0.0
13/05/2024 21:20	1.6	21	25	2.4	0.0
13/05/2024 21:30	1.5	18	29	2.7	0.0
13/05/2024 21:40	1.2	25	31	2.0	0.0
13/05/2024 21:50	1.5	33	31	2.7	0.0
13/05/2024 22:00	1.3	27	27	2.7	0.0
13/05/2024 22:10	1.5	30	27	2.8	0.0
13/05/2024 22:20	1.6	26	29	2.4	0.0
13/05/2024 22:30	1.4	27	24	2.3	0.0
13/05/2024 22:40	0.9	33	21	1.5	0.0
13/05/2024 22:50	1.0	29	27	2.0	0.0
13/05/2024 23:00	1.1	43	27	1.8	0.0
13/05/2024 23:10	1.0	41	17	1.8	0.0
13/05/2024 23:20	1.3	37	16	2.1	0.0
13/05/2024 23:30	1.3	39	20	2.1	0.0
13/05/2024 23:40	1.4	34	14	2.2	0.0
13/05/2024 23:50	1.3	33	17	2.0	0.0
14/05/2024 00:00	1.2	28	20	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 00:10	0.8	27	16	1.4	0.0
14/05/2024 00:20	0.6	19	20	1.2	0.0
14/05/2024 00:30	0.5	24	13	1.2	0.0
14/05/2024 00:40	0.4	176	18	1.3	0.0
14/05/2024 00:50	0.5	181	19	1.6	0.0
14/05/2024 01:00	0.5	176	28	1.6	0.0
14/05/2024 01:10	0.7	189	27	1.9	0.0
14/05/2024 01:20	0.2	20	16	0.8	0.0
14/05/2024 01:30	0.8	15	28	1.6	0.0
14/05/2024 01:40	0.9	30	25	1.9	0.0
14/05/2024 01:50	0.5	26	22	1.4	0.0
14/05/2024 02:00	0.6	26	29	1.2	0.0
14/05/2024 02:10	0.6	33	13	1.1	0.0
14/05/2024 02:20	0.5	3	16	1.4	0.0
14/05/2024 02:30	0.2	188	13	1.3	0.0
14/05/2024 02:40	1.0	35	20	1.6	0.0
14/05/2024 02:50	1.0	28	28	1.8	0.0
14/05/2024 03:00	1.1	28	25	2.1	0.0
14/05/2024 03:10	1.2	42	21	2.0	0.0
14/05/2024 03:20	0.1	23	8	1.1	0.0
14/05/2024 03:30					0.0
14/05/2024 03:40					0.0
14/05/2024 03:50					0.0
14/05/2024 04:00					0.0
14/05/2024 04:10					0.0
14/05/2024 04:20					0.0
14/05/2024 04:30					0.0
14/05/2024 04:40					0.0
14/05/2024 04:50					0.0
14/05/2024 05:00					0.0
14/05/2024 05:10					0.0
14/05/2024 05:20					0.0
14/05/2024 05:30					0.0
14/05/2024 05:40					0.0
14/05/2024 05:50					0.0
14/05/2024 06:00					0.0
14/05/2024 06:10					0.0
14/05/2024 06:20					0.0
14/05/2024 06:30					0.0
14/05/2024 06:40					0.0
14/05/2024 06:50					0.0
14/05/2024 07:00					0.0
14/05/2024 07:10					0.0
14/05/2024 07:20					0.0
14/05/2024 07:30					0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 07:40	0.5	247	15	1.6	0.0
14/05/2024 07:50	0.7	266	20	2.7	0.0
14/05/2024 08:00	0.8	298	38	2.2	0.0
14/05/2024 08:10	1.2	259	29	2.2	0.0
14/05/2024 08:20	1.2	280	38	2.3	0.0
14/05/2024 08:30	1.1	291	35	2.4	0.0
14/05/2024 08:40	1.5	312	41	2.7	0.0
14/05/2024 08:50	1.3	278	44	2.6	0.0
14/05/2024 09:00	1.6	276	41	2.6	0.0
14/05/2024 09:10	1.7	242	26	2.8	0.0
14/05/2024 09:20	1.3	268	39	2.5	0.0
14/05/2024 09:30	1.3	271	45	2.4	0.0
14/05/2024 09:40	1.1	298	52	2.6	0.0
14/05/2024 09:50	1.3	320	31	2.8	0.0
14/05/2024 10:00	1.6	315	35	2.9	0.0
14/05/2024 10:10	1.6	329	37	3.2	0.0
14/05/2024 10:20	2.0	321	30	3.3	0.0
14/05/2024 10:30	1.4	322	43	2.6	0.0
14/05/2024 10:40	2.1	326	37	3.6	0.0
14/05/2024 10:50	2.0	295	31	3.6	0.0
14/05/2024 11:00	1.9	255	41	3.5	0.0
14/05/2024 11:10	1.7	311	36	3.2	0.0
14/05/2024 11:20	2.4	300	29	4.0	0.0
14/05/2024 11:30	2.5	323	31	4.3	0.0
14/05/2024 11:40	2.7	333	26	4.6	0.0
14/05/2024 11:50	2.2	284	49	4.4	0.0
14/05/2024 12:00	2.7	263	38	5.0	0.0
14/05/2024 12:10	2.5	283	47	4.5	0.0
14/05/2024 12:20	2.5	264	39	4.1	0.0
14/05/2024 12:30	2.6	281	40	4.4	0.0
14/05/2024 12:40	2.9	277	43	5.3	0.0
14/05/2024 12:50	2.8	314	39	4.7	0.0
14/05/2024 13:00	2.9	286	42	4.8	0.0
14/05/2024 13:10	2.9	275	41	5.0	0.0
14/05/2024 13:20	2.7	284	36	4.4	0.0
14/05/2024 13:30	2.7	275	47	4.6	0.0
14/05/2024 13:40	2.8	295	43	4.9	0.0
14/05/2024 13:50	2.7	300	48	4.5	0.0
14/05/2024 14:00	2.7	285	44	5.4	0.0
14/05/2024 14:10	2.7	282	40	4.3	0.0
14/05/2024 14:20	2.7	262	33	4.4	0.0
14/05/2024 14:30	2.5	280	37	4.4	0.0
14/05/2024 14:40	2.8	275	32	4.8	0.0
14/05/2024 14:50	2.3	283	43	3.9	0.0
14/05/2024 15:00	2.4	309	48	4.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 15:10	2.7	273	37	5.1	0.0
14/05/2024 15:20	2.3	277	36	4.0	0.0
14/05/2024 15:30	2.7	264	32	4.7	0.0
14/05/2024 15:40	2.3	288	39	4.0	0.0
14/05/2024 15:50	2.3	273	41	4.4	0.0
14/05/2024 16:00	2.2	292	39	4.1	0.0
14/05/2024 16:10	3.1	248	20	5.2	0.0
14/05/2024 16:20	3.0	248	17	4.3	0.0
14/05/2024 16:30	3.1	245	21	4.6	0.0
14/05/2024 16:40	3.0	253	15	4.3	0.0
14/05/2024 16:50	3.1	253	17	4.4	0.0
14/05/2024 17:00	2.7	248	17	3.9	0.0
14/05/2024 17:10	2.4	247	18	3.6	0.0
14/05/2024 17:20	2.4	249	16	3.6	0.0
14/05/2024 17:30	2.2	243	16	3.2	0.0
14/05/2024 17:40	2.3	244	17	3.2	0.0
14/05/2024 17:50	1.9	242	18	2.9	0.0
14/05/2024 18:00	1.9	241	16	2.8	0.0
14/05/2024 18:10	2.2	241	17	3.2	0.0
14/05/2024 18:20	1.8	236	17	2.7	0.0
14/05/2024 18:30	1.6	241	15	2.5	0.0
14/05/2024 18:40	2.0	241	16	2.9	0.0
14/05/2024 18:50	1.6	246	20	2.2	0.0
14/05/2024 19:00	1.7	247	15	2.4	0.0
14/05/2024 19:10	1.7	244	17	2.4	0.0
14/05/2024 19:20	1.9	240	14	3.0	0.0
14/05/2024 19:30	1.9	237	15	3.0	0.0
14/05/2024 19:40	1.7	253	18	2.7	0.0
14/05/2024 19:50	1.7	246	20	2.5	0.0
14/05/2024 20:00	1.6	248	18	2.5	0.0
14/05/2024 20:10	0.9	246	19	1.8	0.0
14/05/2024 20:20	1.2	252	12	1.8	0.0
14/05/2024 20:30	1.5	253	16	2.0	0.0
14/05/2024 20:40	1.7	252	12	2.5	0.0
14/05/2024 20:50	1.5	262	18	2.3	0.0
14/05/2024 21:00	1.1	283	22	1.9	0.0
14/05/2024 21:10	0.9	269	24	1.6	0.0
14/05/2024 21:20	1.4	260	19	2.0	0.0
14/05/2024 21:30	1.5	246	15	2.2	0.0
14/05/2024 21:40	1.5	247	14	2.0	0.0
14/05/2024 21:50	1.5	236	14	2.1	0.0
14/05/2024 22:00	1.3	243	12	2.0	0.0
14/05/2024 22:10	1.4	247	10	1.8	0.0
14/05/2024 22:20	1.4	248	10	2.0	0.0
14/05/2024 22:30	1.6	251	9	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 22:40	1.5	240	15	2.0	0.0
14/05/2024 22:50	1.5	247	15	2.0	0.0
14/05/2024 23:00	1.5	257	13	2.0	0.0
14/05/2024 23:10	1.3	255	12	1.9	0.0
14/05/2024 23:20	1.2	256	12	1.6	0.0
14/05/2024 23:30	1.3	246	16	1.9	0.0
14/05/2024 23:40	0.2	286	17	0.7	0.0
14/05/2024 23:50	1.4	245	11	1.7	0.0
15/05/2024 00:00	0.9	301	22	1.6	0.0
15/05/2024 00:10	1.1	326	19	2.0	0.0
15/05/2024 00:20	1.6	260	12	2.2	0.0
15/05/2024 00:30	1.2	270	17	1.8	0.0
15/05/2024 00:40	1.0	272	17	1.4	0.0
15/05/2024 00:50	1.2	266	15	1.6	0.0
15/05/2024 01:00	1.2	268	14	1.7	0.0
15/05/2024 01:10	1.1	266	13	1.6	0.0
15/05/2024 01:20	1.1	267	15	1.5	0.0
15/05/2024 01:30	1.3	257	19	2.1	0.0
15/05/2024 01:40	1.9	235	17	2.9	0.0
15/05/2024 01:50	1.6	250	20	2.5	0.0
15/05/2024 02:00	1.9	252	17	2.5	0.0
15/05/2024 02:10	1.9	249	15	2.7	0.0
15/05/2024 02:20	1.9	253	13	2.7	0.0
15/05/2024 02:30	1.4	272	17	2.0	0.0
15/05/2024 02:40	1.1	289	15	1.8	0.0
15/05/2024 02:50	1.2	292	17	1.8	0.0
15/05/2024 03:00	1.7	261	15	2.3	0.0
15/05/2024 03:10	1.6	257	15	2.3	0.0
15/05/2024 03:20	1.4	256	15	2.1	0.0
15/05/2024 03:30	1.5	255	15	2.3	0.0
15/05/2024 03:40	1.3	255	16	1.8	0.0
15/05/2024 03:50	1.3	264	14	1.8	0.0
15/05/2024 04:00	1.0	256	18	1.8	0.0
15/05/2024 04:10	1.3	251	18	2.1	0.0
15/05/2024 04:20	1.1	250	20	1.9	0.0
15/05/2024 04:30	1.0	251	22	1.6	0.0
15/05/2024 04:40	0.1	148	10	0.8	0.0
15/05/2024 04:50	1.4	255	16	2.1	0.0
15/05/2024 05:00	1.7	260	14	2.3	0.0
15/05/2024 05:10	2.0	262	15	2.7	0.0
15/05/2024 05:20	2.0	263	14	2.7	0.0
15/05/2024 05:30	1.7	267	15	2.4	0.0
15/05/2024 05:40	1.6	269	17	2.4	0.0
15/05/2024 05:50	1.7	269	16	2.4	0.0
15/05/2024 06:00	1.5	263	17	2.0	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 06:10	0.9	259	20	1.5	0.0
15/05/2024 06:20	0.3	271	14	0.8	0.0
15/05/2024 06:30	0.5	268	5	1.1	0.0
15/05/2024 06:40	1.0	249	13	1.5	0.0
15/05/2024 06:50	0.9	249	14	1.6	0.0
15/05/2024 07:00	1.3	248	16	1.8	0.0
15/05/2024 07:10	1.6	256	13	2.2	0.0
15/05/2024 07:20	1.8	261	15	2.5	0.0
15/05/2024 07:30	1.5	249	18	2.4	0.0
15/05/2024 07:40	1.3	246	23	2.0	0.0
15/05/2024 07:50	1.4	241	22	2.1	0.0
15/05/2024 08:00	1.6	236	25	2.6	0.0
15/05/2024 08:10	2.0	243	18	3.2	0.0
15/05/2024 08:20	2.0	227	25	3.2	0.0
15/05/2024 08:30	2.2	228	25	2.9	0.0
15/05/2024 08:40	2.1	222	20	3.3	0.0
15/05/2024 08:50	2.1	231	21	3.4	0.0
15/05/2024 09:00	2.1	224	24	3.3	0.0
15/05/2024 09:10	2.2	196	22	3.3	0.0
15/05/2024 09:20	2.5	181	23	4.0	0.0
15/05/2024 09:30	2.6	193	23	4.0	0.0
15/05/2024 09:40	2.7	187	21	4.0	0.0
15/05/2024 09:50	2.9	182	18	4.1	0.0
15/05/2024 10:00	2.7	183	17	4.1	0.0
15/05/2024 10:10	2.7	214	22	4.3	0.0
15/05/2024 10:20	3.0	218	20	4.6	0.0
15/05/2024 10:30	2.4	214	28	4.0	0.0
15/05/2024 10:40	2.6	208	23	3.8	0.0
15/05/2024 10:50	2.2	231	23	3.8	0.0
15/05/2024 11:00	2.2	225	28	3.9	0.0
15/05/2024 11:10	2.5	212	25	4.8	0.0
15/05/2024 11:20	2.2	211	30	3.9	0.0
15/05/2024 11:30	2.3	245	24	4.9	0.0
15/05/2024 11:40	2.3	250	18	3.9	0.0
15/05/2024 11:50	2.3	254	22	4.1	0.0
15/05/2024 12:00	2.1	259	22	3.8	0.0
15/05/2024 12:10	2.7	252	20	4.8	0.0
15/05/2024 12:20	2.4	238	21	4.0	0.0
15/05/2024 12:30	1.6	247	19	3.3	0.0
15/05/2024 12:40	2.3	252	23	4.1	0.0
15/05/2024 12:50	2.1	252	20	4.0	0.0
15/05/2024 13:00	1.9	253	19	3.2	0.0
15/05/2024 13:10	1.4	246	23	3.9	0.0
15/05/2024 13:20	0.7	271	24	3.0	0.0
15/05/2024 13:30	1.4	291	28	3.8	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 13:40	1.2	310	26	3.3	0.0
15/05/2024 13:50	1.7	288	39	3.8	0.0
15/05/2024 14:00	1.1	301	33	3.8	0.0
15/05/2024 14:10	1.4	344	28	3.6	0.0
15/05/2024 14:20	1.7	337	27	3.6	0.0
15/05/2024 14:30	2.4	331	27	4.4	0.0
15/05/2024 14:40	1.9	334	32	4.5	0.0
15/05/2024 14:50	2.5	346	32	4.7	0.0
15/05/2024 15:00	2.2	332	29	4.4	0.0
15/05/2024 15:10	2.2	331	31	4.4	0.0
15/05/2024 15:20	2.3	326	28	4.3	0.0
15/05/2024 15:30	2.2	318	28	4.3	0.0
15/05/2024 15:40	1.5	321	24	3.9	0.0
15/05/2024 15:50	1.9	256	22	3.6	0.0
15/05/2024 16:00	0.9	284	31	2.4	0.0
15/05/2024 16:10	1.0	263	21	3.0	0.0
15/05/2024 16:20	1.2	268	27	3.4	0.0
15/05/2024 16:30	1.5	269	35	3.6	0.0
15/05/2024 16:40	1.0	300	29	2.8	0.0
15/05/2024 16:50	2.1	325	26	4.0	0.0
15/05/2024 17:00	2.0	305	36	4.4	0.0
15/05/2024 17:10	1.7	318	31	4.4	0.0
15/05/2024 17:20	1.8	305	26	4.0	0.0
15/05/2024 17:30	1.5	271	32	3.6	0.0
15/05/2024 17:40	1.8	263	29	3.7	0.0
15/05/2024 17:50	1.5	258	25	3.6	0.0
15/05/2024 18:00	1.2	259	19	3.2	0.0
15/05/2024 18:10	1.2	256	21	3.6	0.0
15/05/2024 18:20	0.9	258	14	2.8	0.0
15/05/2024 18:30	1.6	254	15	2.9	0.0
15/05/2024 18:40	1.6	253	18	3.2	0.0
15/05/2024 18:50	2.4	247	19	4.1	0.0
15/05/2024 19:00	1.7	253	15	3.6	0.0
15/05/2024 19:10	2.5	247	18	4.4	0.0
15/05/2024 19:20	2.6	248	17	3.9	0.0
15/05/2024 19:30	2.6	254	17	4.3	0.0
15/05/2024 19:40	2.9	253	15	4.2	0.0
15/05/2024 19:50	2.5	252	16	4.0	0.0
15/05/2024 20:00	2.6	252	14	4.5	0.0
15/05/2024 20:10	2.7	254	15	4.0	0.0
15/05/2024 20:20	2.1	246	15	3.3	0.0
15/05/2024 20:30	1.4	243	17	2.4	0.0
15/05/2024 20:40	1.3	240	15	2.8	0.0
15/05/2024 20:50	1.2	249	16	2.8	0.0
15/05/2024 21:00	1.6	255	15	2.7	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 21:10	2.1	248	19	3.5	0.0
15/05/2024 21:20	1.9	239	20	3.2	0.0
15/05/2024 21:30	1.8	231	15	3.3	0.0
15/05/2024 21:40	1.6	226	14	3.3	0.0
15/05/2024 21:50	0.9	237	13	2.5	0.0
15/05/2024 22:00	1.0	227	12	2.4	0.0
15/05/2024 22:10	1.8	238	17	3.4	0.0
15/05/2024 22:20	0.9	232	13	2.4	0.0
15/05/2024 22:30	0.9	238	11	2.9	0.0
15/05/2024 22:40	0.7	236	8	2.3	0.0
15/05/2024 22:50	1.8	235	17	3.0	0.0
15/05/2024 23:00	1.3	240	16	3.1	0.0
15/05/2024 23:10	2.1	240	16	3.4	0.0
15/05/2024 23:20	1.9	242	15	3.4	0.0
15/05/2024 23:30	1.5	245	17	2.8	0.0
15/05/2024 23:40	1.8	250	16	3.1	0.0
15/05/2024 23:50	0.8	255	10	2.3	0.0
16/05/2024 00:00	1.7	256	13	3.3	0.0
16/05/2024 00:10	0.9	256	12	2.1	0.0
16/05/2024 00:20	0.8	259	12	2.5	0.0
16/05/2024 00:30	0.1	252	4	1.4	0.0
16/05/2024 00:40	1.1	257	12	2.2	0.0
16/05/2024 00:50	0.2	259	8	1.9	0.0
16/05/2024 01:00	1.2	250	14	2.6	0.0
16/05/2024 01:10	1.3	257	12	2.3	0.0
16/05/2024 01:20	0.7	247	11	2.1	0.0
16/05/2024 01:30	0.8	236	12	2.2	0.0
16/05/2024 01:40	1.3	231	13	2.6	0.0
16/05/2024 01:50	1.3	233	15	2.6	0.0
16/05/2024 02:00	0.8	240	10	2.1	0.0
16/05/2024 02:10	0.9	245	10	2.2	0.0
16/05/2024 02:20	1.2	263	13	2.2	0.0
16/05/2024 02:30	0.1	277	5	1.0	0.0
16/05/2024 02:40	0.1	268	3	1.2	0.0
16/05/2024 02:50	0.0	262	1	0.8	0.0
16/05/2024 03:00	0.3	267	6	1.5	0.0
16/05/2024 03:10	1.4	263	13	2.4	0.0
16/05/2024 03:20	0.6	258	7	2.0	0.0
16/05/2024 03:30	1.0	252	13	2.2	0.0
16/05/2024 03:40	0.9	249	10	1.9	0.0
16/05/2024 03:50	0.9	245	13	2.3	0.0
16/05/2024 04:00	1.1	249	12	2.5	0.0
16/05/2024 04:10	0.8	240	15	2.1	0.0
16/05/2024 04:20	1.3	242	13	2.4	0.0
16/05/2024 04:30	0.0	241	1	0.6	0.0



Yara Pilbara Nitrates- Water Tanks 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 04:40					0.0
16/05/2024 04:50	0.9	245	11	2.0	0.0
16/05/2024 05:00	1.3	256	14	2.1	0.0
16/05/2024 05:10	1.2	263	10	2.1	0.0
16/05/2024 05:20	1.0	259	11	2.4	0.0
16/05/2024 05:30	0.0	275	0	0.4	0.0
16/05/2024 05:40	0.4	232	9	1.8	0.0
16/05/2024 05:50	0.0	221	4	0.6	0.0
16/05/2024 06:00					0.0
16/05/2024 06:10	0.2	249	6	1.4	0.0
16/05/2024 06:20	1.3	271	15	2.1	0.0
16/05/2024 06:30	0.2	267	7	1.2	0.0
16/05/2024 06:40					0.0
16/05/2024 06:50					0.0
16/05/2024 07:00					0.0
16/05/2024 07:10					0.0
16/05/2024 07:20					0.0
16/05/2024 07:30					0.0
16/05/2024 07:40					0.0
16/05/2024 07:50					0.0
16/05/2024 08:00					0.0
16/05/2024 08:10					0.0
16/05/2024 08:20					0.0
16/05/2024 08:30					0.0
16/05/2024 08:40	0.2	105	12	1.9	0.0
16/05/2024 08:50	0.0	112	1	0.8	0.0
16/05/2024 09:00					0.0
16/05/2024 09:10					0.0
16/05/2024 09:20					0.0
16/05/2024 09:30	0.0	116	1	0.4	0.0
16/05/2024 09:40	0.0	88	3	0.6	0.0
16/05/2024 09:50	0.3	124	12	1.6	0.0
16/05/2024 10:00	0.4	127	17	1.8	0.0
16/05/2024 10:10	0.2	154	12	1.3	0.0
16/05/2024 10:20	0.4	122	16	1.7	0.0
16/05/2024 10:30	0.2	126	11	1.1	0.0
16/05/2024 10:40	0.2	125	9	1.6	0.0
16/05/2024 10:50	0.2	94	17	1.5	0.0
16/05/2024 11:00	0.3	89	10	1.6	0.0
16/05/2024 11:10	0.6	49	21	1.9	0.0
16/05/2024 11:20	0.7	60	22	2.7	0.0
16/05/2024 11:30	0.3	59	23	1.3	0.0
16/05/2024 11:40	0.8	94	24	2.4	0.0
16/05/2024 11:50	1.1	87	20	2.2	0.0
16/05/2024 12:00	1.1	75	19	2.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 6:10	4.7	93	22	7.8	0.0
11/12/2023 6:20	4.6	99	21	7.5	0.0
11/12/2023 6:30	4.8	99	21	7.6	0.0
11/12/2023 6:40	5.1	99	22	8.9	0.0
11/12/2023 6:50	4.9	106	24	8.9	0.0
11/12/2023 7:00	5.4	93	22	8.4	0.0
11/12/2023 7:10	5.4	98	24	9.5	0.0
11/12/2023 7:20	6.1	97	22	8.7	0.0
11/12/2023 7:30	5.9	98	19	10.3	0.0
11/12/2023 7:40	6.2	91	19	10.9	0.0
11/12/2023 7:50	6.1	92	21	9.7	0.0
11/12/2023 8:00	6.3	91	19	11.1	0.0
11/12/2023 8:10	7.0	88	16	10.5	0.0
11/12/2023 8:20	6.1	95	22	9.5	0.0
11/12/2023 8:30	7.0	86	15	10.0	0.0
11/12/2023 8:40	6.4	86	15	9.6	0.0
11/12/2023 8:50	7.1	87	14	9.9	0.0
11/12/2023 9:00	6.5	87	14	9.5	0.0
11/12/2023 9:10	6.8	84	14	9.8	0.0
11/12/2023 9:20	6.8	83	14	9.1	0.0
11/12/2023 9:30	6.7	82	14	9.4	0.0
11/12/2023 9:40	6.0	78	15	8.5	0.0
11/12/2023 9:50	6.2	77	15	8.0	0.0
11/12/2023 10:00	6.0	76	16	8.1	0.0
11/12/2023 10:10	6.4	73	14	8.3	0.0
11/12/2023 10:20	5.5	80	15	7.8	0.0
11/12/2023 10:30	5.4	72	17	8.1	0.0
11/12/2023 10:40	5.2	69	15	7.5	0.0
11/12/2023 10:50	5.5	58	13	7.9	0.0
11/12/2023 11:00	5.3	61	14	7.3	0.0
11/12/2023 11:10	5.9	59	11	7.7	0.0
11/12/2023 11:20	6.0	56	13	8.0	0.0
11/12/2023 11:30	5.9	58	13	7.9	0.0
11/12/2023 11:40	5.9	56	11	7.5	0.0
11/12/2023 11:50	5.4	54	12	7.3	0.0
11/12/2023 12:00	5.4	50	15	7.3	0.0
11/12/2023 12:10	5.2	48	13	7.2	0.0
11/12/2023 12:20	5.0	43	13	7.1	0.0
11/12/2023 12:30	5.2	44	12	7.3	0.0
11/12/2023 12:40	5.3	41	13	7.4	0.0
11/12/2023 12:50	5.2	44	14	6.5	0.0
11/12/2023 13:00	5.3	41	13	6.8	0.0
11/12/2023 13:10	5.0	40	14	7.2	0.0
11/12/2023 13:20	4.9	34	13	6.6	0.0
11/12/2023 13:30	5.0	38	12	6.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 13:40	4.6	36	13	6.4	0.0
11/12/2023 13:50	4.9	33	13	6.6	0.0
11/12/2023 14:00	4.7	38	12	6.8	0.0
11/12/2023 14:10	4.9	39	14	6.7	0.0
11/12/2023 14:20	4.5	42	14	6.2	0.0
11/12/2023 14:30	4.6	38	15	6.4	0.0
11/12/2023 14:40	4.9	43	12	6.4	0.0
11/12/2023 14:50	4.6	39	14	6.3	0.0
11/12/2023 15:00	4.7	37	15	6.2	0.0
11/12/2023 15:10	4.3	44	15	5.6	0.0
11/12/2023 15:20	4.6	41	16	6.0	0.0
11/12/2023 15:30	4.8	38	14	6.4	0.0
11/12/2023 15:40	4.2	37	15	6.0	0.0
11/12/2023 15:50	4.4	38	15	6.1	0.0
11/12/2023 16:00	4.1	38	15	5.8	0.0
11/12/2023 16:10	4.1	18	13	5.7	0.0
11/12/2023 16:20	4.7	345	19	7.1	0.0
11/12/2023 16:30	5.7	344	13	7.6	0.0
11/12/2023 16:40	5.6	345	15	7.2	0.0
11/12/2023 16:50	5.3	334	13	7.2	0.0
11/12/2023 17:00	5.0	344	16	7.1	0.0
11/12/2023 17:10	5.1	337	12	6.8	0.0
11/12/2023 17:20	5.2	332	11	6.9	0.0
11/12/2023 17:30	4.8	330	13	6.9	0.0
11/12/2023 17:40	4.2	339	13	6.4	0.0
11/12/2023 17:50	4.9	332	11	6.8	0.0
11/12/2023 18:00	4.0	331	14	6.0	0.0
11/12/2023 18:10	4.4	331	13	6.8	0.0
11/12/2023 18:20	3.7	312	17	5.7	0.0
11/12/2023 18:30	3.6	312	19	5.4	0.0
11/12/2023 18:40	3.2	311	21	5.2	0.0
11/12/2023 18:50	3.3	301	22	5.6	0.0
11/12/2023 19:00	3.5	302	15	5.2	0.0
11/12/2023 19:10	3.4	294	22	5.1	0.0
11/12/2023 19:20	3.4	277	23	5.9	0.0
11/12/2023 19:30	3.0	284	23	4.9	0.0
11/12/2023 19:40	3.2	269	27	4.8	0.0
11/12/2023 19:50	2.9	272	20	4.4	0.0
11/12/2023 20:00	3.4	268	17	4.8	0.0
11/12/2023 20:10	2.9	264	21	4.9	0.0
11/12/2023 20:20	2.7	268	22	4.5	0.0
11/12/2023 20:30	2.8	268	26	4.4	0.0
11/12/2023 20:40	2.6	271	27	4.2	0.0
11/12/2023 20:50	2.8	264	24	4.8	0.0
11/12/2023 21:00	2.3	268	30	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/12/2023 21:10	2.7	269	21	4.0	0.0
11/12/2023 21:20	2.4	268	25	4.3	0.0
11/12/2023 21:30	1.9	265	43	3.2	0.0
11/12/2023 21:40	1.8	268	37	3.6	0.0
11/12/2023 21:50	2.2	273	29	3.9	0.0
11/12/2023 22:00	1.9	272	31	3.5	0.0
11/12/2023 22:10	1.8	252	45	3.2	0.0
11/12/2023 22:20	1.6	252	46	3.0	0.0
11/12/2023 22:30	2.0	253	33	3.6	0.0
11/12/2023 22:40	1.7	266	34	3.5	0.0
11/12/2023 22:50	1.9	255	36	3.4	0.0
11/12/2023 23:00	2.0	265	27	3.3	0.0
11/12/2023 23:10	1.9	268	24	3.2	0.0
11/12/2023 23:20	1.6	271	39	3.2	0.0
11/12/2023 23:30	0.9	225	70	1.9	0.0
11/12/2023 23:40	1.6	267	29	3.0	0.0
11/12/2023 23:50	1.1	244	50	2.5	0.0
12/12/2023 0:00	1.2	228	53	2.6	0.0
12/12/2023 0:10	1.2	211	61	2.8	0.0
12/12/2023 0:20	1.1	214	60	2.7	0.0
12/12/2023 0:30	1.7	200	32	3.0	0.0
12/12/2023 0:40	1.3	219	55	2.8	0.0
12/12/2023 0:50	1.4	197	58	3.1	0.0
12/12/2023 1:00	1.8	205	42	4.0	0.0
12/12/2023 1:10	1.5	245	57	2.7	0.0
12/12/2023 1:20	1.4	253	59	3.0	0.0
12/12/2023 1:30	1.6	226	62	3.6	0.0
12/12/2023 1:40	1.4	235	54	2.6	0.0
12/12/2023 1:50	1.6	211	43	3.6	0.0
12/12/2023 2:00	1.5	209	49	2.8	0.0
12/12/2023 2:10	1.7	208	42	3.3	0.0
12/12/2023 2:20	1.5	248	61	3.6	0.0
12/12/2023 2:30	2.0	212	57	4.4	0.0
12/12/2023 2:40	2.1	204	48	4.2	0.0
12/12/2023 2:50	2.9	198	33	5.5	0.0
12/12/2023 3:00	4.0	196	25	6.4	0.0
12/12/2023 3:10	4.3	197	19	7.0	0.0
12/12/2023 3:20	4.4	197	14	6.3	0.0
12/12/2023 3:30	4.6	195	13	6.8	0.0
12/12/2023 3:40	3.5	193	18	5.5	0.0
12/12/2023 3:50	2.9	209	25	4.7	0.0
12/12/2023 4:00	2.6	216	28	4.5	0.0
12/12/2023 4:10	2.0	204	39	3.7	0.0
12/12/2023 4:20	1.4	203	47	3.9	0.0
12/12/2023 4:30	1.4	224	52	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 4:40	0.9	258	56	2.0	0.0
12/12/2023 4:50	1.2	214	54	2.4	0.0
12/12/2023 5:00	1.3	237	49	2.5	0.0
12/12/2023 5:10	1.3	223	35	2.8	0.0
12/12/2023 5:20	1.2	241	40	2.2	0.0
12/12/2023 5:30	1.2	267	33	2.1	0.0
12/12/2023 5:40	0.9	261	44	2.0	0.0
12/12/2023 5:50	0.8	274	28	2.0	0.0
12/12/2023 6:00	1.1	264	41	2.3	0.0
12/12/2023 6:10	1.5	241	41	2.9	0.0
12/12/2023 6:20	1.3	207	34	2.7	0.0
12/12/2023 6:30	1.9	210	26	3.3	0.0
12/12/2023 6:40	2.1	195	17	3.1	0.0
12/12/2023 6:50	2.7	192	12	3.8	0.0
12/12/2023 7:00	2.8	201	13	3.9	0.0
12/12/2023 7:10	2.7	204	16	3.6	0.0
12/12/2023 7:20	3.0	209	12	4.3	0.0
12/12/2023 7:30	3.1	207	13	4.2	0.0
12/12/2023 7:40	3.0	210	11	3.8	0.0
12/12/2023 7:50	2.2	203	25	3.2	0.0
12/12/2023 8:00	1.9	162	25	3.2	0.0
12/12/2023 8:10	1.9	155	38	3.6	0.0
12/12/2023 8:20	2.1	138	28	3.7	0.0
12/12/2023 8:30	2.3	141	22	3.3	0.0
12/12/2023 8:40	2.4	144	33	4.0	0.0
12/12/2023 8:50	2.5	97	17	3.6	0.0
12/12/2023 9:00	2.3	105	23	3.6	0.0
12/12/2023 9:10	2.3	97	19	3.5	0.0
12/12/2023 9:20	2.0	111	23	3.3	0.0
12/12/2023 9:30	2.0	70	24	3.1	0.0
12/12/2023 9:40	2.3	52	16	3.1	0.0
12/12/2023 9:50	2.5	51	14	3.5	0.0
12/12/2023 10:00	2.1	57	21	3.0	0.0
12/12/2023 10:10	2.5	61	13	3.2	0.0
12/12/2023 10:20	3.0	57	15	3.9	0.0
12/12/2023 10:30	3.1	62	17	4.0	0.0
12/12/2023 10:40	3.4	56	15	4.8	0.0
12/12/2023 10:50	3.5	55	15	4.7	0.0
12/12/2023 11:00	3.9	60	13	5.1	0.0
12/12/2023 11:10	4.2	60	10	5.2	0.0
12/12/2023 11:20	4.1	62	11	5.2	0.0
12/12/2023 11:30	4.3	61	10	5.6	0.0
12/12/2023 11:40	4.3	58	14	5.7	0.0
12/12/2023 11:50	4.3	58	11	5.7	0.0
12/12/2023 12:00	4.2	53	12	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 12:10	4.4	54	13	5.8	0.0
12/12/2023 12:20	4.1	53	14	5.8	0.0
12/12/2023 12:30	4.6	52	12	5.9	0.0
12/12/2023 12:40	4.1	55	15	5.6	0.0
12/12/2023 12:50	4.5	49	11	6.0	0.0
12/12/2023 13:00	4.0	47	15	5.1	0.0
12/12/2023 13:10	4.2	53	13	5.9	0.0
12/12/2023 13:20	4.2	46	14	5.6	0.0
12/12/2023 13:30	4.4	45	12	5.6	0.0
12/12/2023 13:40	4.4	49	13	5.7	0.0
12/12/2023 13:50	4.3	49	15	5.9	0.0
12/12/2023 14:00	4.8	43	12	6.5	0.0
12/12/2023 14:10	4.4	44	15	5.8	0.0
12/12/2023 14:20	4.6	44	14	6.5	0.0
12/12/2023 14:30	4.8	49	13	6.6	0.0
12/12/2023 14:40	5.3	45	13	7.4	0.0
12/12/2023 14:50	5.0	44	12	7.0	0.0
12/12/2023 15:00	4.9	40	14	6.9	0.0
12/12/2023 15:10	4.6	14	18	6.2	0.0
12/12/2023 15:20	4.9	342	14	7.0	0.0
12/12/2023 15:30	5.8	353	20	7.3	0.0
12/12/2023 15:40	5.7	341	12	7.5	0.0
12/12/2023 15:50	5.9	351	13	7.9	0.0
12/12/2023 16:00	6.0	347	13	7.8	0.0
12/12/2023 16:10	5.6	335	11	7.4	0.0
12/12/2023 16:20	5.6	345	13	7.6	0.0
12/12/2023 16:30	6.0	348	11	7.8	0.0
12/12/2023 16:40	5.7	341	12	7.7	0.0
12/12/2023 16:50	5.1	342	17	7.0	0.0
12/12/2023 17:00	5.8	343	11	7.8	0.0
12/12/2023 17:10	5.5	342	15	7.5	0.0
12/12/2023 17:20	5.9	346	15	7.6	0.0
12/12/2023 17:30	4.7	334	15	7.1	0.0
12/12/2023 17:40	4.6	326	15	6.4	0.0
12/12/2023 17:50	4.2	316	16	6.5	0.0
12/12/2023 18:00	4.3	303	17	7.1	0.0
12/12/2023 18:10	4.2	301	19	6.3	0.0
12/12/2023 18:20	4.0	303	16	6.4	0.0
12/12/2023 18:30	3.6	292	22	5.7	0.0
12/12/2023 18:40	3.8	284	21	5.7	0.0
12/12/2023 18:50	3.6	298	20	5.7	0.0
12/12/2023 19:00	3.8	295	25	5.9	0.0
12/12/2023 19:10	3.7	283	20	5.8	0.0
12/12/2023 19:20	3.2	280	26	5.5	0.0
12/12/2023 19:30	3.4	282	22	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/12/2023 19:40	3.4	280	24	5.2	0.0
12/12/2023 19:50	3.3	277	24	6.0	0.0
12/12/2023 20:00	3.6	277	20	5.6	0.0
12/12/2023 20:10	3.7	279	18	6.0	0.0
12/12/2023 20:20	3.6	277	22	6.1	0.0
12/12/2023 20:30	3.5	277	24	5.5	0.0
12/12/2023 20:40	3.7	276	23	5.9	0.0
12/12/2023 20:50	3.5	275	22	6.0	0.0
12/12/2023 21:00	3.6	268	25	6.5	0.0
12/12/2023 21:10	3.2	269	26	5.3	0.0
12/12/2023 21:20	3.8	270	22	6.4	0.0
12/12/2023 21:30	3.4	272	31	5.6	0.0
12/12/2023 21:40	3.3	265	34	6.0	0.0
12/12/2023 21:50	2.2	254	59	5.1	0.0
12/12/2023 22:00	2.6	269	43	4.8	0.0
12/12/2023 22:10	2.5	273	35	4.4	0.0
12/12/2023 22:20	2.2	257	52	5.2	0.0
12/12/2023 22:30	2.0	269	62	4.4	0.0
12/12/2023 22:40	3.0	273	31	4.8	0.0
12/12/2023 22:50	2.4	276	53	4.6	0.0
12/12/2023 23:00	2.1	256	50	4.5	0.0
12/12/2023 23:10	2.3	244	43	4.0	0.0
12/12/2023 23:20	2.2	256	41	3.6	0.0
12/12/2023 23:30	1.8	232	59	3.6	0.0
12/12/2023 23:40	1.5	221	69	2.8	0.0
12/12/2023 23:50	1.2	276	55	2.8	0.0
13/12/2023 0:00	1.8	257	46	3.6	0.0
13/12/2023 0:10	1.5	221	47	2.7	0.0
13/12/2023 0:20	1.8	218	57	4.0	0.0
13/12/2023 0:30	1.6	249	74	3.0	0.0
13/12/2023 0:40	1.5	232	73	3.1	0.0
13/12/2023 0:50	1.6	203	62	3.0	0.0
13/12/2023 1:00	2.0	218	46	4.4	0.0
13/12/2023 1:10	1.7	225	60	3.3	0.0
13/12/2023 1:20	1.5	229	55	3.2	0.0
13/12/2023 1:30	1.5	210	51	3.2	0.0
13/12/2023 1:40	1.6	216	47	2.7	0.0
13/12/2023 1:50	1.9	196	28	3.3	0.0
13/12/2023 2:00	1.6	194	52	3.2	0.0
13/12/2023 2:10	1.4	266	63	2.4	0.0
13/12/2023 2:20	1.2	254	62	2.4	0.0
13/12/2023 2:30	1.2	286	48	2.7	0.0
13/12/2023 2:40	1.3	271	38	2.7	0.0
13/12/2023 2:50	1.7	277	32	2.8	0.0
13/12/2023 3:00	1.2	249	56	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 3:10	1.3	294	58	3.4	0.0
13/12/2023 3:20	1.3	230	66	2.4	0.0
13/12/2023 3:30	1.4	250	59	3.2	0.0
13/12/2023 3:40	1.4	214	50	3.0	0.0
13/12/2023 3:50	1.3	264	53	2.5	0.0
13/12/2023 4:00	0.9	281	72	2.4	0.0
13/12/2023 4:10	1.3	274	41	2.9	0.0
13/12/2023 4:20	1.7	278	27	3.0	0.0
13/12/2023 4:30	1.4	276	43	2.4	0.0
13/12/2023 4:40	1.4	267	33	2.7	0.0
13/12/2023 4:50	0.5	231	24	2.1	0.0
13/12/2023 5:00	0.3	213	34	1.6	0.0
13/12/2023 5:10	1.0	210	42	2.6	0.0
13/12/2023 5:20	0.7	232	48	1.9	0.0
13/12/2023 5:30	0.7	254	40	2.4	0.0
13/12/2023 5:40	0.8	267	42	2.8	0.0
13/12/2023 5:50	0.7	188	35	2.7	0.0
13/12/2023 6:00	0.7	239	43	2.8	0.0
13/12/2023 6:10	1.5	262	35	3.4	0.0
13/12/2023 6:20	1.0	217	56	3.0	0.0
13/12/2023 6:30	1.9	232	56	4.0	0.0
13/12/2023 6:40	1.6	222	47	3.2	0.0
13/12/2023 6:50	2.4	225	39	4.3	0.0
13/12/2023 7:00	2.0	243	49	3.7	0.0
13/12/2023 7:10	2.0	203	49	4.9	0.0
13/12/2023 7:20	2.0	235	59	3.9	0.0
13/12/2023 7:30	2.5	247	39	4.4	0.0
13/12/2023 7:40	2.4	265	40	5.2	0.0
13/12/2023 7:50	1.6	217	72	3.4	0.0
13/12/2023 8:00	2.2	209	39	4.3	0.0
13/12/2023 8:10	2.2	227	45	4.4	0.0
13/12/2023 8:20	2.3	234	43	3.6	0.0
13/12/2023 8:30	2.9	200	18	5.0	0.0
13/12/2023 8:40	3.1	208	18	5.3	0.0
13/12/2023 8:50	3.8	204	17	5.6	0.0
13/12/2023 9:00	3.0	216	34	5.2	0.0
13/12/2023 9:10	2.8	239	35	4.8	0.0
13/12/2023 9:20	2.4	201	38	4.6	0.0
13/12/2023 9:30	2.3	216	38	4.0	0.0
13/12/2023 9:40	2.4	256	44	4.1	0.0
13/12/2023 9:50	3.4	285	26	4.7	0.0
13/12/2023 10:00	2.8	275	27	4.4	0.0
13/12/2023 10:10	2.8	293	24	4.4	0.0
13/12/2023 10:20	2.7	286	32	4.4	0.0
13/12/2023 10:30	2.9	291	28	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 10:40	3.0	277	23	4.5	0.0
13/12/2023 10:50	2.5	278	27	3.9	0.0
13/12/2023 11:00	3.0	285	27	4.7	0.0
13/12/2023 11:10	2.8	275	25	4.4	0.0
13/12/2023 11:20	2.9	270	27	4.4	0.0
13/12/2023 11:30	3.1	284	27	4.9	0.0
13/12/2023 11:40	3.1	278	29	5.0	0.0
13/12/2023 11:50	3.1	277	26	4.4	0.0
13/12/2023 12:00	2.9	276	30	4.6	0.0
13/12/2023 12:10	2.8	286	30	4.4	0.0
13/12/2023 12:20	3.3	273	26	5.3	0.0
13/12/2023 12:30	3.2	275	25	4.8	0.0
13/12/2023 12:40	3.4	270	27	5.1	0.0
13/12/2023 12:50	3.4	267	22	5.2	0.0
13/12/2023 13:00	3.4	284	28	5.3	0.0
13/12/2023 13:10	3.7	290	25	6.4	0.0
13/12/2023 13:20	3.4	278	26	5.2	0.0
13/12/2023 13:30	3.2	277	23	4.9	0.0
13/12/2023 13:40	3.4	310	27	5.3	0.0
13/12/2023 13:50	3.2	300	26	5.5	0.0
13/12/2023 14:00	3.3	271	23	5.2	0.0
13/12/2023 14:10	3.4	270	26	5.8	0.0
13/12/2023 14:20	3.6	281	21	5.5	0.0
13/12/2023 14:30	3.2	284	24	4.9	0.0
13/12/2023 14:40	3.8	279	25	5.9	0.0
13/12/2023 14:50	3.8	274	25	5.7	0.0
13/12/2023 15:00	3.9	274	20	5.3	0.0
13/12/2023 15:10	3.7	282	26	5.8	0.0
13/12/2023 15:20	4.1	265	22	6.0	0.0
13/12/2023 15:30	3.6	263	24	5.8	0.0
13/12/2023 15:40	3.3	290	25	5.6	0.0
13/12/2023 15:50	4.1	304	20	5.7	0.0
13/12/2023 16:00	4.4	298	21	6.6	0.0
13/12/2023 16:10	3.7	277	19	5.7	0.0
13/12/2023 16:20	3.7	291	23	5.6	0.0
13/12/2023 16:30	3.9	293	26	6.2	0.0
13/12/2023 16:40	4.7	294	19	6.4	0.0
13/12/2023 16:50	4.1	284	22	6.5	0.0
13/12/2023 17:00	4.0	271	20	5.6	0.0
13/12/2023 17:10	4.1	277	21	5.9	0.0
13/12/2023 17:20	3.5	282	23	5.6	0.0
13/12/2023 17:30	3.4	278	18	5.5	0.0
13/12/2023 17:40	3.7	290	22	5.9	0.0
13/12/2023 17:50	3.2	280	22	5.1	0.0
13/12/2023 18:00	3.7	286	22	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/12/2023 18:10	3.4	285	20	5.6	0.0
13/12/2023 18:20	4.0	268	19	5.9	0.0
13/12/2023 18:30	3.3	270	19	4.6	0.0
13/12/2023 18:40	2.7	267	30	4.6	0.0
13/12/2023 18:50	3.0	266	24	4.8	0.0
13/12/2023 19:00	2.8	267	28	4.4	0.0
13/12/2023 19:10	3.2	271	18	4.9	0.0
13/12/2023 19:20	3.2	277	20	5.0	0.0
13/12/2023 19:30	3.1	269	20	5.1	0.0
13/12/2023 19:40	2.8	269	20	4.4	0.0
13/12/2023 19:50	3.3	271	20	5.0	0.0
13/12/2023 20:00	2.8	276	19	4.4	0.0
13/12/2023 20:10	2.9	274	19	4.3	0.0
13/12/2023 20:20	3.2	276	19	4.7	0.0
13/12/2023 20:30	2.8	278	21	4.9	0.0
13/12/2023 20:40	3.2	275	18	4.8	0.0
13/12/2023 20:50	2.9	270	25	4.3	0.0
13/12/2023 21:00	2.6	277	30	4.5	0.0
13/12/2023 21:10	3.1	274	24	5.5	0.0
13/12/2023 21:20	3.5	269	25	5.4	0.0
13/12/2023 21:30	3.3	273	25	5.2	0.0
13/12/2023 21:40	3.2	277	20	4.7	0.0
13/12/2023 21:50	2.5	270	38	4.9	0.0
13/12/2023 22:00	3.2	268	28	5.4	0.0
13/12/2023 22:10	2.6	264	35	5.1	0.0
13/12/2023 22:20	2.3	255	42	4.8	0.0
13/12/2023 22:30	2.1	252	52	3.3	0.0
13/12/2023 22:40	1.3	233	64	2.6	0.0
13/12/2023 22:50	1.7	265	51	3.8	0.0
13/12/2023 23:00	1.5	238	48	2.8	0.0
13/12/2023 23:10	1.3	227	62	2.4	0.0
13/12/2023 23:20	2.1	224	48	4.0	0.0
13/12/2023 23:30	1.7	248	45	4.3	0.0
13/12/2023 23:40	2.0	242	45	4.2	0.0
13/12/2023 23:50	2.4	249	31	4.3	0.0
14/12/2023 0:00	1.9	257	39	3.8	0.0
14/12/2023 0:10	1.6	260	49	3.3	0.0
14/12/2023 0:20	1.8	270	34	3.6	0.0
14/12/2023 0:30	2.0	271	26	3.7	0.0
14/12/2023 0:40	2.1	281	22	3.4	0.0
14/12/2023 0:50	2.3	280	21	3.6	0.0
14/12/2023 1:00	2.2	282	22	3.5	0.0
14/12/2023 1:10	2.3	281	18	3.8	0.0
14/12/2023 1:20	2.0	274	26	3.3	0.0
14/12/2023 1:30	1.9	276	31	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 1:40	1.1	253	53	2.0	0.0
14/12/2023 1:50	1.2	256	70	2.7	0.0
14/12/2023 2:00	1.5	269	53	3.2	0.0
14/12/2023 2:10	1.5	274	67	3.5	0.0
14/12/2023 2:20	1.4	271	69	2.4	0.0
14/12/2023 2:30	1.4	271	89	2.8	0.0
14/12/2023 2:40	1.4	285	48	2.8	0.0
14/12/2023 2:50	1.4	248	79	2.7	0.0
14/12/2023 3:00	1.1	232	71	2.5	0.0
14/12/2023 3:10	1.2	242	87	2.5	0.0
14/12/2023 3:20	1.3	157	66	2.4	0.0
14/12/2023 3:30	1.1	284	66	2.8	0.0
14/12/2023 3:40	0.9	176	60	2.0	0.0
14/12/2023 3:50	0.9	207	71	2.0	0.0
14/12/2023 4:00	0.7	181	78	1.7	0.0
14/12/2023 4:10	0.7	176	79	2.0	0.0
14/12/2023 4:20	0.9	111	83	1.9	0.0
14/12/2023 4:30	1.1	267	78	2.2	0.0
14/12/2023 4:40	1.0	268	79	2.0	0.0
14/12/2023 4:50	1.0	172	71	2.3	0.0
14/12/2023 5:00	1.3	279	47	2.7	0.0
14/12/2023 5:10	0.8	264	47	2.4	0.0
14/12/2023 5:20	1.5	272	38	3.1	0.0
14/12/2023 5:30	1.9	278	23	3.3	0.0
14/12/2023 5:40	1.6	274	44	2.6	0.0
14/12/2023 5:50	2.0	284	25	3.3	0.0
14/12/2023 6:00	1.9	295	53	3.2	0.0
14/12/2023 6:10	1.6	247	53	3.2	0.0
14/12/2023 6:20	2.1	279	32	3.6	0.0
14/12/2023 6:30	2.1	289	32	3.4	0.0
14/12/2023 6:40	2.1	256	52	4.0	0.0
14/12/2023 6:50	2.5	250	36	5.2	0.0
14/12/2023 7:00	2.8	276	30	4.2	0.0
14/12/2023 7:10	3.1	278	21	5.1	0.0
14/12/2023 7:20	2.8	270	24	4.9	0.0
14/12/2023 7:30	3.1	274	24	5.2	0.0
14/12/2023 7:40	4.1	273	21	6.4	0.0
14/12/2023 7:50	3.0	268	29	5.1	0.0
14/12/2023 8:00	2.7	263	37	5.4	0.0
14/12/2023 8:10	2.3	257	39	4.4	0.0
14/12/2023 8:20	3.1	267	28	4.8	0.0
14/12/2023 8:30	3.0	280	27	4.5	0.0
14/12/2023 8:40	3.1	289	22	4.6	0.0
14/12/2023 8:50	3.0	279	23	4.5	0.0
14/12/2023 9:00	3.1	286	26	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 9:10	3.4	292	20	4.8	0.0
14/12/2023 9:20	3.1	282	23	4.7	0.0
14/12/2023 9:30	3.0	275	27	4.6	0.0
14/12/2023 9:40	3.1	275	22	4.6	0.0
14/12/2023 9:50	2.7	276	18	4.4	0.0
14/12/2023 10:00	2.9	283	23	4.0	0.0
14/12/2023 10:10	2.9	275	24	4.6	0.0
14/12/2023 10:20	2.7	281	25	4.1	0.0
14/12/2023 10:30	2.6	267	26	4.4	0.0
14/12/2023 10:40	2.7	267	30	4.0	0.0
14/12/2023 10:50	2.8	272	23	4.1	0.0
14/12/2023 11:00	2.9	268	29	4.4	0.0
14/12/2023 11:10	3.2	274	21	4.8	0.0
14/12/2023 11:20	2.9	267	24	4.3	0.0
14/12/2023 11:30	3.2	272	26	5.5	0.0
14/12/2023 11:40	3.3	293	33	5.3	0.0
14/12/2023 11:50	3.3	280	23	5.4	0.0
14/12/2023 12:00	3.7	282	23	5.6	0.0
14/12/2023 12:10	4.0	287	22	5.7	0.0
14/12/2023 12:20	3.8	293	24	5.6	0.0
14/12/2023 12:30	4.8	315	20	6.8	0.0
14/12/2023 12:40	5.4	322	15	7.3	0.0
14/12/2023 12:50	5.9	321	15	8.2	0.0
14/12/2023 13:00	5.3	318	19	7.9	0.0
14/12/2023 13:10	5.3	321	15	7.7	0.0
14/12/2023 13:20	5.9	322	15	8.3	0.0
14/12/2023 13:30	5.4	322	16	8.0	0.0
14/12/2023 13:40	5.7	322	15	7.6	0.0
14/12/2023 13:50	4.6	315	18	6.3	0.0
14/12/2023 14:00	5.4	319	16	7.6	0.0
14/12/2023 14:10	4.8	305	20	7.0	0.0
14/12/2023 14:20	5.4	319	16	8.3	0.0
14/12/2023 14:30	4.7	309	19	7.1	0.0
14/12/2023 14:40	4.6	299	21	6.9	0.0
14/12/2023 14:50	4.7	307	17	7.3	0.0
14/12/2023 15:00	5.0	317	16	7.0	0.0
14/12/2023 15:10	4.6	316	18	7.0	0.0
14/12/2023 15:20	4.0	300	21	6.7	0.0
14/12/2023 15:30	4.4	293	22	7.0	0.0
14/12/2023 15:40	4.4	291	23	7.2	0.0
14/12/2023 15:50	3.9	282	24	6.7	0.0
14/12/2023 16:00	4.2	288	23	6.8	0.0
14/12/2023 16:10	4.3	284	18	6.4	0.0
14/12/2023 16:20	4.2	281	23	6.0	0.0
14/12/2023 16:30	3.9	275	22	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/12/2023 16:40	4.0	278	21	6.0	0.0
14/12/2023 16:50	3.9	276	22	6.3	0.0
14/12/2023 17:00	4.0	285	19	6.0	0.0
14/12/2023 17:10	4.0	282	20	6.2	0.0
14/12/2023 17:20	4.1	281	23	6.4	0.0
14/12/2023 17:30	4.0	280	19	5.9	0.0
14/12/2023 17:40	3.7	284	22	6.7	0.0
14/12/2023 17:50	4.4	284	19	6.8	0.0
14/12/2023 18:00	3.6	291	26	6.3	0.0
14/12/2023 18:10	4.3	293	18	6.9	0.0
14/12/2023 18:20	4.6	299	20	7.1	0.0
14/12/2023 18:30	4.5	301	19	6.7	0.0
14/12/2023 18:40	4.2	296	19	7.1	0.0
14/12/2023 18:50	4.4	298	18	6.8	0.0
14/12/2023 19:00	4.2	294	20	6.4	0.0
14/12/2023 19:10	3.8	295	22	6.0	0.0
14/12/2023 19:20	3.7	293	22	5.9	0.0
14/12/2023 19:30	3.6	287	24	5.4	0.0
14/12/2023 19:40	3.4	280	23	6.1	0.0
14/12/2023 19:50	4.0	269	21	6.4	0.0
14/12/2023 20:00	3.7	274	20	6.0	0.0
14/12/2023 20:10	3.6	270	18	6.1	0.0
14/12/2023 20:20	3.2	272	32	5.2	0.0
14/12/2023 20:30	3.3	272	25	5.7	0.0
14/12/2023 20:40	4.0	275	21	6.0	0.0
14/12/2023 20:50	3.1	269	34	5.6	0.0
14/12/2023 21:00	3.6	266	26	5.6	0.0
14/12/2023 21:10	3.6	271	21	5.8	0.0
14/12/2023 21:20	3.0	275	28	5.6	0.0
14/12/2023 21:30	3.2	270	24	5.3	0.0
14/12/2023 21:40	3.4	272	23	6.3	0.0
14/12/2023 21:50	2.8	264	40	5.4	0.0
14/12/2023 22:00	2.3	244	47	5.6	0.0
14/12/2023 22:10	3.1	268	35	5.8	0.0
14/12/2023 22:20	2.7	289	39	4.4	0.0
14/12/2023 22:30	2.4	264	57	4.9	0.0
14/12/2023 22:40	2.3	262	53	4.8	0.0
14/12/2023 22:50	2.4	261	41	4.2	0.0
14/12/2023 23:00	2.2	278	33	4.4	0.0
14/12/2023 23:10	2.4	257	40	4.6	0.0
14/12/2023 23:20	2.1	265	42	3.9	0.0
14/12/2023 23:30	2.3	266	34	4.4	0.0
14/12/2023 23:40	2.3	272	47	5.2	0.0
14/12/2023 23:50	2.5	260	33	4.6	0.0
15/12/2023 0:00	2.7	252	35	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 0:10	2.4	235	37	3.8	0.0
15/12/2023 0:20	2.4	266	30	4.1	0.0
15/12/2023 0:30	2.6	286	21	4.5	0.0
15/12/2023 0:40	2.1	268	35	3.5	0.0
15/12/2023 0:50	1.2	261	39	3.7	0.0
15/12/2023 1:00	2.3	274	26	4.8	0.0
15/12/2023 1:10	2.3	269	30	4.2	0.0
15/12/2023 1:20	2.5	273	32	4.4	0.0
15/12/2023 1:30	2.7	271	26	4.4	0.0
15/12/2023 1:40	1.5	274	39	2.8	0.0
15/12/2023 1:50	2.1	266	34	4.1	0.0
15/12/2023 2:00	2.2	267	30	4.2	0.0
15/12/2023 2:10	1.2	253	55	3.5	0.0
15/12/2023 2:20	1.3	277	37	3.9	0.0
15/12/2023 2:30	2.3	266	27	3.9	0.0
15/12/2023 2:40	2.0	272	32	3.8	0.0
15/12/2023 2:50	2.5	266	22	3.6	0.0
15/12/2023 3:00	2.3	264	26	3.9	0.0
15/12/2023 3:10	2.4	272	22	4.0	0.0
15/12/2023 3:20	1.4	271	33	3.2	0.0
15/12/2023 3:30	1.4	261	31	3.4	0.0
15/12/2023 3:40	1.8	270	24	3.5	0.0
15/12/2023 3:50	2.0	270	30	3.7	0.0
15/12/2023 4:00	0.9	242	40	2.8	0.0
15/12/2023 4:10	0.9	260	37	2.5	0.0
15/12/2023 4:20	0.9	265	33	2.5	0.0
15/12/2023 4:30	1.1	265	46	3.3	0.0
15/12/2023 4:40	0.9	276	30	2.6	0.0
15/12/2023 4:50	0.5	250	38	2.3	0.0
15/12/2023 5:00	0.2	227	28	1.7	0.0
15/12/2023 5:10	1.1	262	32	3.2	0.0
15/12/2023 5:20	2.1	243	27	3.6	0.0
15/12/2023 5:30	2.1	258	31	4.0	0.0
15/12/2023 5:40	1.8	245	39	3.5	0.0
15/12/2023 5:50	0.9	269	27	2.3	0.0
15/12/2023 6:00	1.0	248	31	2.8	0.0
15/12/2023 6:10	1.0	237	25	2.6	0.0
15/12/2023 6:20	1.3	265	26	2.8	0.0
15/12/2023 6:30	1.4	246	63	3.0	0.0
15/12/2023 6:40	2.8	270	28	4.8	0.0
15/12/2023 6:50	2.1	257	47	4.0	0.0
15/12/2023 7:00	2.8	276	33	4.5	0.0
15/12/2023 7:10	2.2	260	45	4.3	0.0
15/12/2023 7:20	2.4	260	47	5.3	0.0
15/12/2023 7:30	3.1	277	23	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 7:40	3.1	275	23	4.8	0.0
15/12/2023 7:50	3.3	283	20	4.8	0.0
15/12/2023 8:00	3.1	274	25	4.9	0.0
15/12/2023 8:10	3.2	271	20	5.0	0.0
15/12/2023 8:20	3.3	279	23	5.2	0.0
15/12/2023 8:30	3.4	282	22	5.2	0.0
15/12/2023 8:40	3.3	276	22	4.9	0.0
15/12/2023 8:50	3.1	272	24	5.3	0.0
15/12/2023 9:00	3.2	275	24	4.9	0.0
15/12/2023 9:10	3.4	285	25	6.0	0.0
15/12/2023 9:20	3.5	280	26	5.6	0.0
15/12/2023 9:30	3.0	263	39	5.0	0.0
15/12/2023 9:40	3.5	271	21	5.3	0.0
15/12/2023 9:50	3.9	276	24	5.7	0.0
15/12/2023 10:00	3.5	266	31	5.7	0.0
15/12/2023 10:10	3.1	264	32	5.2	0.0
15/12/2023 10:20	3.8	262	23	5.9	0.0
15/12/2023 10:30	3.4	268	33	5.4	0.0
15/12/2023 10:40	3.9	290	23	6.5	0.0
15/12/2023 10:50	4.2	291	24	6.9	0.0
15/12/2023 11:00	3.7	282	30	5.8	0.0
15/12/2023 11:10	3.5	283	26	5.6	0.0
15/12/2023 11:20	4.2	292	19	6.3	0.0
15/12/2023 11:30	4.1	301	21	6.5	0.0
15/12/2023 11:40	4.3	308	22	7.4	0.0
15/12/2023 11:50	4.3	302	24	6.4	0.0
15/12/2023 12:00	4.4	303	23	7.0	0.0
15/12/2023 12:10	3.9	292	28	6.7	0.0
15/12/2023 12:20	4.3	289	24	7.2	0.0
15/12/2023 12:30	4.2	298	22	7.0	0.0
15/12/2023 12:40	4.2	301	22	6.7	0.0
15/12/2023 12:50	4.1	298	30	7.1	0.0
15/12/2023 13:00	4.4	302	30	7.4	0.0
15/12/2023 13:10	5.0	304	22	8.3	0.0
15/12/2023 13:20	4.3	300	29	7.3	0.0
15/12/2023 13:30	4.8	292	21	7.1	0.0
15/12/2023 13:40	5.0	292	23	7.6	0.0
15/12/2023 13:50	4.1	290	25	6.6	0.0
15/12/2023 14:00	4.7	300	26	6.7	0.0
15/12/2023 14:10	4.4	306	23	7.2	0.0
15/12/2023 14:20	4.2	302	24	6.4	0.0
15/12/2023 14:30	4.2	289	24	6.8	0.0
15/12/2023 14:40	4.2	298	23	6.6	0.0
15/12/2023 14:50	4.5	297	23	7.1	0.0
15/12/2023 15:00	3.9	290	24	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 15:10	4.3	302	29	6.4	0.0
15/12/2023 15:20	4.1	307	20	6.7	0.0
15/12/2023 15:30	4.0	305	27	6.9	0.0
15/12/2023 15:40	4.2	302	22	6.5	0.0
15/12/2023 15:50	3.7	294	22	5.8	0.0
15/12/2023 16:00	4.5	304	23	6.8	0.0
15/12/2023 16:10	4.0	313	26	6.6	0.0
15/12/2023 16:20	4.3	312	22	6.8	0.0
15/12/2023 16:30	4.0	304	19	6.5	0.0
15/12/2023 16:40	3.7	304	25	5.9	0.0
15/12/2023 16:50	3.8	304	21	6.0	0.0
15/12/2023 17:00	4.0	299	25	6.5	0.0
15/12/2023 17:10	4.1	306	21	6.6	0.0
15/12/2023 17:20	4.2	300	20	6.2	0.0
15/12/2023 17:30	3.9	296	24	6.8	0.0
15/12/2023 17:40	4.3	298	20	6.7	0.0
15/12/2023 17:50	4.0	276	24	6.3	0.0
15/12/2023 18:00	3.5	274	22	6.2	0.0
15/12/2023 18:10	3.5	272	27	5.5	0.0
15/12/2023 18:20	3.4	267	27	5.6	0.0
15/12/2023 18:30	3.5	267	26	6.1	0.0
15/12/2023 18:40	3.4	269	31	6.0	0.0
15/12/2023 18:50	3.0	272	25	5.6	0.0
15/12/2023 19:00	3.5	273	21	5.7	0.0
15/12/2023 19:10	2.7	274	37	5.1	0.0
15/12/2023 19:20	3.4	272	19	5.1	0.0
15/12/2023 19:30	3.2	278	20	5.2	0.0
15/12/2023 19:40	3.2	278	21	5.1	0.0
15/12/2023 19:50	2.9	282	24	4.7	0.0
15/12/2023 20:00	2.7	270	24	4.5	0.0
15/12/2023 20:10	3.1	275	20	4.9	0.0
15/12/2023 20:20	3.1	267	24	4.9	0.0
15/12/2023 20:30	3.1	275	24	4.8	0.0
15/12/2023 20:40	3.0	273	31	4.9	0.0
15/12/2023 20:50	2.5	270	35	4.6	0.0
15/12/2023 21:00	2.7	271	34	4.9	0.0
15/12/2023 21:10	2.7	272	28	4.7	0.0
15/12/2023 21:20	1.6	273	61	3.4	0.0
15/12/2023 21:30	2.5	268	32	4.0	0.0
15/12/2023 21:40	2.3	272	24	3.6	0.0
15/12/2023 21:50	2.4	276	20	3.8	0.0
15/12/2023 22:00	2.7	272	22	4.7	0.0
15/12/2023 22:10	2.3	276	24	3.7	0.0
15/12/2023 22:20	2.3	271	27	3.7	0.0
15/12/2023 22:30	2.4	273	23	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/12/2023 22:40	2.3	275	32	4.3	0.0
15/12/2023 22:50	2.8	274	25	4.6	0.0
15/12/2023 23:00	2.4	274	20	4.2	0.0
15/12/2023 23:10	2.0	249	49	3.6	0.0
15/12/2023 23:20	2.3	270	33	4.7	0.0
15/12/2023 23:30	2.1	273	32	4.0	0.0
15/12/2023 23:40	2.6	272	26	4.4	0.0
15/12/2023 23:50	2.5	275	20	4.2	0.0
16/12/2023 0:00	2.1	269	35	3.7	0.0
16/12/2023 0:10	2.2	265	30	3.4	0.0
16/12/2023 0:20	2.5	267	31	4.4	0.0
16/12/2023 0:30	2.4	276	24	4.1	0.0
16/12/2023 0:40	2.2	272	29	3.6	0.0
16/12/2023 0:50	2.3	276	25	4.1	0.0
16/12/2023 1:00	2.1	270	27	3.2	0.0
16/12/2023 1:10	2.6	279	21	4.1	0.0
16/12/2023 1:20	2.6	275	22	4.6	0.0
16/12/2023 1:30	2.1	265	33	4.0	0.0
16/12/2023 1:40	2.2	282	28	3.8	0.0
16/12/2023 1:50	2.0	270	36	3.6	0.0
16/12/2023 2:00	1.5	272	51	3.1	0.0
16/12/2023 2:10	2.0	260	46	3.6	0.0
16/12/2023 2:20	1.8	260	48	3.4	0.0
16/12/2023 2:30	2.0	261	42	4.0	0.0
16/12/2023 2:40	2.5	272	19	4.0	0.0
16/12/2023 2:50	2.2	264	33	3.5	0.0
16/12/2023 3:00	1.8	263	53	3.6	0.0
16/12/2023 3:10	1.8	271	32	3.3	0.0
16/12/2023 3:20	1.6	281	23	2.8	0.0
16/12/2023 3:30	2.1	285	26	3.5	0.0
16/12/2023 3:40	1.8	280	23	2.9	0.0
16/12/2023 3:50	2.3	269	28	4.0	0.0
16/12/2023 4:00	2.0	277	29	3.5	0.0
16/12/2023 4:10	2.1	276	30	3.7	0.0
16/12/2023 4:20	2.3	275	25	4.0	0.0
16/12/2023 4:30	1.9	282	21	2.8	0.0
16/12/2023 4:40	1.9	269	34	3.6	0.0
16/12/2023 4:50	2.1	270	27	4.2	0.0
16/12/2023 5:00	2.3	276	33	3.7	0.0
16/12/2023 5:10	2.4	274	24	4.5	0.0
16/12/2023 5:20	2.2	281	28	3.5	0.0
16/12/2023 5:30	1.7	294	30	2.8	0.0
16/12/2023 5:40	2.2	276	27	3.3	0.0
16/12/2023 5:50	2.2	271	27	3.8	0.0
16/12/2023 6:00	2.4	272	27	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 6:10	2.3	283	26	4.0	0.0
16/12/2023 6:20	2.8	283	22	4.4	0.0
16/12/2023 6:30	2.8	292	24	4.4	0.0
16/12/2023 6:40	3.5	298	19	5.6	0.0
16/12/2023 6:50	3.0	289	22	4.8	0.0
16/12/2023 7:00	3.2	282	35	6.0	0.0
16/12/2023 7:10	3.2	285	26	5.9	0.0
16/12/2023 7:20	2.7	274	31	4.1	0.0
16/12/2023 7:30	3.5	291	22	5.0	0.0
16/12/2023 7:40	3.6	283	25	6.7	0.0
16/12/2023 7:50	4.1	281	20	6.0	0.0
16/12/2023 8:00	3.4	294	30	6.2	0.0
16/12/2023 8:10	3.6	295	23	6.3	0.0
16/12/2023 8:20	3.9	282	21	6.1	0.0
16/12/2023 8:30	3.9	292	26	6.4	0.0
16/12/2023 8:40	4.3	282	26	7.2	0.0
16/12/2023 8:50	4.7	291	19	6.4	0.0
16/12/2023 9:00	4.5	287	25	7.2	0.0
16/12/2023 9:10	4.9	291	21	7.5	0.0
16/12/2023 9:20	4.4	285	24	7.2	0.0
16/12/2023 9:30	4.3	271	24	6.9	0.0
16/12/2023 9:40	4.2	272	25	6.8	0.0
16/12/2023 9:50	4.4	272	26	7.3	0.0
16/12/2023 10:00	4.9	270	26	7.7	0.0
16/12/2023 10:10	4.0	259	33	6.7	0.0
16/12/2023 10:20	4.6	267	28	7.3	0.0
16/12/2023 10:30	4.0	264	31	7.4	0.0
16/12/2023 10:40	3.9	264	33	7.6	0.0
16/12/2023 10:50	4.3	256	34	7.6	0.0
16/12/2023 11:00	4.0	269	37	6.8	0.0
16/12/2023 11:10	4.3	266	31	7.2	0.0
16/12/2023 11:20	3.7	254	43	6.4	0.0
16/12/2023 11:30	3.8	255	42	7.0	0.0
16/12/2023 11:40	4.1	267	32	6.5	0.0
16/12/2023 11:50	4.3	265	28	6.7	0.0
16/12/2023 12:00	4.1	267	28	7.1	0.0
16/12/2023 12:10	4.3	244	39	7.3	0.0
16/12/2023 12:20	3.9	263	26	7.5	0.0
16/12/2023 12:30	3.9	247	38	5.9	0.0
16/12/2023 12:40	4.2	267	27	6.8	0.0
16/12/2023 12:50	4.0	256	41	7.5	0.0
16/12/2023 13:00	4.4	268	34	7.3	0.0
16/12/2023 13:10	4.0	263	40	7.0	0.0
16/12/2023 13:20	5.0	271	27	8.4	0.0
16/12/2023 13:30	5.1	272	28	8.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 13:40	5.1	271	25	7.7	0.0
16/12/2023 13:50	4.9	270	27	8.1	0.0
16/12/2023 14:00	4.8	269	34	8.0	0.0
16/12/2023 14:10	5.1	271	30	7.5	0.0
16/12/2023 14:20	5.3	265	29	8.7	0.0
16/12/2023 14:30	5.2	272	26	9.0	0.0
16/12/2023 14:40	5.0	269	28	8.5	0.0
16/12/2023 14:50	4.9	274	32	8.3	0.0
16/12/2023 15:00	4.9	271	27	8.4	0.0
16/12/2023 15:10	4.9	269	28	8.7	0.0
16/12/2023 15:20	4.4	272	32	7.9	0.0
16/12/2023 15:30	4.5	273	26	8.8	0.0
16/12/2023 15:40	4.0	265	34	7.4	0.0
16/12/2023 15:50	5.0	269	25	8.3	0.0
16/12/2023 16:00	5.0	276	20	7.5	0.0
16/12/2023 16:10	5.0	264	27	8.3	0.0
16/12/2023 16:20	4.8	266	32	7.7	0.0
16/12/2023 16:30	4.8	274	24	7.5	0.0
16/12/2023 16:40	4.5	265	27	7.2	0.0
16/12/2023 16:50	5.2	273	23	7.5	0.0
16/12/2023 17:00	3.8	265	41	7.3	0.0
16/12/2023 17:10	3.5	255	43	6.3	0.0
16/12/2023 17:20	4.1	267	32	7.3	0.0
16/12/2023 17:30	3.7	261	36	7.4	0.0
16/12/2023 17:40	3.9	259	43	6.5	0.0
16/12/2023 17:50	3.8	266	34	7.1	0.0
16/12/2023 18:00	4.1	271	32	7.1	0.0
16/12/2023 18:10	3.7	265	36	6.8	0.0
16/12/2023 18:20	3.3	249	34	6.4	0.0
16/12/2023 18:30	3.0	263	47	6.3	0.0
16/12/2023 18:40	3.7	270	33	6.4	0.0
16/12/2023 18:50	3.9	269	41	6.7	0.0
16/12/2023 19:00	3.0	236	47	6.5	0.0
16/12/2023 19:10	3.1	247	45	6.5	0.0
16/12/2023 19:20	3.6	262	43	6.6	0.0
16/12/2023 19:30	2.9	256	51	5.3	0.0
16/12/2023 19:40	3.1	237	45	5.9	0.0
16/12/2023 19:50	2.6	255	52	5.2	0.0
16/12/2023 20:00	2.6	245	51	6.6	0.0
16/12/2023 20:10	2.4	248	55	5.2	0.0
16/12/2023 20:20	2.9	247	41	5.6	0.0
16/12/2023 20:30	3.0	257	41	5.7	0.0
16/12/2023 20:40	3.0	251	38	5.6	0.0
16/12/2023 20:50	2.7	269	48	5.4	0.0
16/12/2023 21:00	3.0	248	39	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/12/2023 21:10	2.2	259	50	4.5	0.0
16/12/2023 21:20	2.6	259	52	5.6	0.0
16/12/2023 21:30	2.8	255	38	5.1	0.0
16/12/2023 21:40	2.2	236	59	4.1	0.0
16/12/2023 21:50	2.5	243	46	4.8	0.0
16/12/2023 22:00	2.3	242	50	4.7	0.0
16/12/2023 22:10	2.9	255	48	6.4	0.0
16/12/2023 22:20	2.5	251	43	4.8	0.0
16/12/2023 22:30	2.2	244	55	4.3	0.0
16/12/2023 22:40	2.4	236	50	4.8	0.0
16/12/2023 22:50	2.5	238	51	4.4	0.0
16/12/2023 23:00	2.4	236	47	4.8	0.0
16/12/2023 23:10	2.1	238	66	4.6	0.0
16/12/2023 23:20	2.3	249	49	4.4	0.0
16/12/2023 23:30	2.2	248	48	4.4	0.0
16/12/2023 23:40	1.9	225	65	4.0	0.0
16/12/2023 23:50	2.0	258	55	4.0	0.0
17/12/2023 0:00	1.8	236	59	4.4	0.0
17/12/2023 0:10	2.1	247	54	3.9	0.0
17/12/2023 0:20	1.7	249	58	2.8	0.0
17/12/2023 0:30	1.5	246	45	3.5	0.0
17/12/2023 0:40	1.4	249	50	3.0	0.0
17/12/2023 0:50	1.6	232	48	3.5	0.0
17/12/2023 1:00	1.5	249	43	2.8	0.0
17/12/2023 1:10	1.1	242	47	2.8	0.0
17/12/2023 1:20	1.8	221	37	3.5	0.0
17/12/2023 1:30	2.5	201	23	4.2	0.0
17/12/2023 1:40	2.6	198	20	4.4	0.0
17/12/2023 1:50	2.0	187	23	3.5	0.0
17/12/2023 2:00	1.3	212	46	2.2	0.0
17/12/2023 2:10	1.7	192	33	2.9	0.0
17/12/2023 2:20	1.9	197	24	3.2	0.0
17/12/2023 2:30	1.9	204	30	3.2	0.0
17/12/2023 2:40	1.9	196	30	3.0	0.0
17/12/2023 2:50	2.2	202	27	3.6	0.0
17/12/2023 3:00	1.9	202	36	3.6	0.0
17/12/2023 3:10	1.9	212	54	3.9	0.0
17/12/2023 3:20	1.7	199	52	3.7	0.0
17/12/2023 3:30	1.8	204	44	2.9	0.0
17/12/2023 3:40	2.3	208	35	3.8	0.0
17/12/2023 3:50	2.7	203	32	4.4	0.0
17/12/2023 4:00	3.0	198	22	5.4	0.0
17/12/2023 4:10	2.9	204	27	4.7	0.0
17/12/2023 4:20	3.0	198	28	5.2	0.0
17/12/2023 4:30	2.9	205	28	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 4:40	2.8	206	27	4.8	0.0
17/12/2023 4:50	2.5	198	34	4.4	0.0
17/12/2023 5:00	2.7	197	32	4.4	0.0
17/12/2023 5:10	2.9	204	31	5.1	0.0
17/12/2023 5:20	2.8	205	31	4.4	0.0
17/12/2023 5:30	2.8	203	30	5.2	0.0
17/12/2023 5:40	3.2	206	25	5.9	0.0
17/12/2023 5:50	3.2	211	31	5.2	0.0
17/12/2023 6:00	4.0	207	26	7.2	0.0
17/12/2023 6:10	3.9	203	24	6.8	0.0
17/12/2023 6:20	3.7	206	24	6.4	0.0
17/12/2023 6:30	3.8	200	24	5.8	0.0
17/12/2023 6:40	4.0	208	25	6.9	0.0
17/12/2023 6:50	4.2	206	30	7.7	0.0
17/12/2023 7:00	3.8	207	32	6.8	0.0
17/12/2023 7:10	4.6	206	23	7.7	0.0
17/12/2023 7:20	4.5	199	22	7.1	0.0
17/12/2023 7:30	3.9	206	23	6.6	0.0
17/12/2023 7:40	3.8	209	28	6.6	0.0
17/12/2023 7:50	3.5	214	31	7.2	0.0
17/12/2023 8:00	3.1	217	37	6.4	0.0
17/12/2023 8:10	3.5	203	35	5.9	0.0
17/12/2023 8:20	3.0	236	50	5.2	0.0
17/12/2023 8:30	3.1	216	37	5.8	0.0
17/12/2023 8:40	2.4	228	53	5.3	0.0
17/12/2023 8:50	3.2	220	42	5.9	0.0
17/12/2023 9:00	3.4	222	40	6.3	0.0
17/12/2023 9:10	2.8	232	47	5.8	0.0
17/12/2023 9:20	3.8	258	40	7.2	0.0
17/12/2023 9:30	3.3	257	48	6.0	0.0
17/12/2023 9:40	3.3	236	44	6.2	0.0
17/12/2023 9:50	3.3	259	51	6.2	0.0
17/12/2023 10:00	3.4	270	37	6.2	0.0
17/12/2023 10:10	3.5	251	38	6.3	0.0
17/12/2023 10:20	3.3	260	31	6.2	0.0
17/12/2023 10:30	4.8	267	23	8.7	0.0
17/12/2023 10:40	4.4	265	31	8.3	0.0
17/12/2023 10:50	4.1	266	35	7.1	0.0
17/12/2023 11:00	4.8	263	31	7.6	0.0
17/12/2023 11:10	4.7	268	29	7.8	0.0
17/12/2023 11:20	4.7	272	23	7.5	0.0
17/12/2023 11:30	5.3	278	25	8.1	0.0
17/12/2023 11:40	5.2	277	27	8.7	0.0
17/12/2023 11:50	4.9	271	25	8.4	0.0
17/12/2023 12:00	5.2	271	22	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 12:10	5.7	281	22	8.3	0.0
17/12/2023 12:20	5.6	278	24	9.5	0.0
17/12/2023 12:30	5.7	270	25	9.2	0.0
17/12/2023 12:40	6.1	275	21	9.5	0.0
17/12/2023 12:50	6.2	271	22	9.6	0.0
17/12/2023 13:00	5.3	264	30	9.1	0.0
17/12/2023 13:10	5.6	274	21	9.1	0.0
17/12/2023 13:20	5.1	264	34	8.7	0.0
17/12/2023 13:30	5.7	276	24	9.5	0.0
17/12/2023 13:40	5.8	271	23	9.1	0.0
17/12/2023 13:50	4.8	277	31	7.9	0.0
17/12/2023 14:00	5.6	273	24	9.3	0.0
17/12/2023 14:10	5.1	270	31	8.7	0.0
17/12/2023 14:20	4.9	265	33	8.3	0.0
17/12/2023 14:30	5.4	274	25	8.7	0.0
17/12/2023 14:40	5.9	274	20	9.1	0.0
17/12/2023 14:50	6.0	272	22	9.1	0.0
17/12/2023 15:00	5.8	275	26	9.0	0.0
17/12/2023 15:10	6.1	271	26	9.2	0.0
17/12/2023 15:20	6.1	269	22	9.0	0.0
17/12/2023 15:30	6.4	270	22	10.1	0.0
17/12/2023 15:40	6.5	269	22	9.9	0.0
17/12/2023 15:50	6.1	271	22	9.6	0.0
17/12/2023 16:00	5.9	270	24	8.9	0.0
17/12/2023 16:10	5.6	266	32	9.7	0.0
17/12/2023 16:20	5.6	270	24	8.8	0.0
17/12/2023 16:30	5.4	263	34	9.5	0.0
17/12/2023 16:40	4.5	262	54	8.7	0.0
17/12/2023 16:50	4.2	260	40	9.8	0.0
17/12/2023 17:00	4.5	262	41	8.9	0.0
17/12/2023 17:10	5.1	267	31	9.2	0.0
17/12/2023 17:20	5.0	272	31	9.1	0.0
17/12/2023 17:30	5.4	265	29	9.1	0.0
17/12/2023 17:40	5.5	267	29	8.9	0.0
17/12/2023 17:50	3.8	248	51	7.9	0.0
17/12/2023 18:00	5.1	271	38	8.6	0.0
17/12/2023 18:10	4.5	263	40	8.8	0.0
17/12/2023 18:20	4.0	254	53	8.4	0.0
17/12/2023 18:30	4.7	270	38	8.1	0.0
17/12/2023 18:40	4.0	272	43	6.9	0.0
17/12/2023 18:50	3.7	255	51	7.3	0.0
17/12/2023 19:00	3.3	260	49	6.3	0.0
17/12/2023 19:10	4.1	262	40	6.7	0.0
17/12/2023 19:20	3.2	248	47	7.0	0.0
17/12/2023 19:30	3.6	256	48	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/12/2023 19:40	3.7	243	50	6.4	0.0
17/12/2023 19:50	3.7	255	51	7.3	0.0
17/12/2023 20:00	3.3	261	57	6.4	0.0
17/12/2023 20:10	3.6	258	58	7.3	0.0
17/12/2023 20:20	3.6	238	46	6.0	0.0
17/12/2023 20:30	3.5	251	45	9.2	0.0
17/12/2023 20:40	3.3	256	54	7.6	0.0
17/12/2023 20:50	3.8	247	41	6.8	0.0
17/12/2023 21:00	3.2	252	57	6.5	0.0
17/12/2023 21:10	3.0	250	44	5.9	0.0
17/12/2023 21:20	2.6	263	57	5.3	0.0
17/12/2023 21:30	3.4	266	46	6.8	0.0
17/12/2023 21:40	2.3	237	73	4.6	0.0
17/12/2023 21:50	2.4	239	63	4.8	0.0
17/12/2023 22:00	2.6	242	52	5.0	0.0
17/12/2023 22:10	2.9	252	39	4.9	0.0
17/12/2023 22:20	2.6	239	47	6.0	0.0
17/12/2023 22:30	2.2	253	71	4.9	0.0
17/12/2023 22:40	3.0	245	53	6.3	0.0
17/12/2023 22:50	3.1	250	49	5.7	0.0
17/12/2023 23:00	2.5	231	56	4.8	0.0
17/12/2023 23:10	2.3	239	57	5.2	0.0
17/12/2023 23:20	2.6	248	52	4.9	0.0
17/12/2023 23:30	2.3	233	55	4.6	0.0
17/12/2023 23:40	2.6	239	51	5.4	0.0
17/12/2023 23:50	2.0	219	38	4.2	0.0
18/12/2023 0:00	1.9	206	43	3.7	0.0
18/12/2023 0:10	2.0	209	45	4.4	0.0
18/12/2023 0:20	2.1	211	56	4.7	0.0
18/12/2023 0:30	2.1	240	55	3.8	0.0
18/12/2023 0:40	2.4	209	48	4.5	0.0
18/12/2023 0:50	2.1	235	60	4.3	0.0
18/12/2023 1:00	1.9	235	71	4.1	0.0
18/12/2023 1:10	2.2	240	55	4.3	0.0
18/12/2023 1:20	2.3	217	44	4.2	0.0
18/12/2023 1:30	1.7	205	65	3.8	0.0
18/12/2023 1:40	2.4	217	48	4.7	0.0
18/12/2023 1:50	1.8	220	60	3.6	0.0
18/12/2023 2:00	2.3	217	48	4.3	0.0
18/12/2023 2:10	2.6	225	37	5.1	0.0
18/12/2023 2:20	2.3	233	46	5.1	0.0
18/12/2023 2:30	2.0	236	57	4.1	0.0
18/12/2023 2:40	2.4	233	42	4.5	0.0
18/12/2023 2:50	1.9	228	60	3.9	0.0
18/12/2023 3:00	2.3	230	48	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 3:10	2.2	225	46	4.4	0.0
18/12/2023 3:20	1.8	224	60	3.6	0.0
18/12/2023 3:30	2.3	228	54	5.3	0.0
18/12/2023 3:40	2.2	240	51	4.7	0.0
18/12/2023 3:50	2.0	243	68	4.7	0.0
18/12/2023 4:00	2.3	218	53	5.2	0.0
18/12/2023 4:10	2.5	213	46	5.6	0.0
18/12/2023 4:20	2.5	218	49	4.8	0.0
18/12/2023 4:30	2.4	222	52	4.1	0.0
18/12/2023 4:40	2.5	212	46	5.1	0.0
18/12/2023 4:50	1.9	208	40	4.0	0.0
18/12/2023 5:00	1.8	224	60	3.8	0.0
18/12/2023 5:10	1.6	217	55	3.6	0.0
18/12/2023 5:20	1.5	223	56	3.2	0.0
18/12/2023 5:30	1.6	242	55	2.9	0.0
18/12/2023 5:40	1.5	220	63	3.6	0.0
18/12/2023 5:50	1.5	267	79	2.9	0.0
18/12/2023 6:00	2.0	196	45	4.1	0.0
18/12/2023 6:10	2.3	199	43	4.1	0.0
18/12/2023 6:20	2.0	203	43	4.0	0.0
18/12/2023 6:30	2.0	221	52	4.4	0.0
18/12/2023 6:40	2.3	214	38	4.2	0.0
18/12/2023 6:50	2.2	247	48	4.3	0.0
18/12/2023 7:00	2.1	204	40	4.3	0.0
18/12/2023 7:10	2.0	199	52	4.1	0.0
18/12/2023 7:20	2.1	212	49	4.5	0.0
18/12/2023 7:30	2.2	222	59	4.5	0.0
18/12/2023 7:40	2.0	210	55	3.5	0.0
18/12/2023 7:50	2.5	233	42	4.8	0.0
18/12/2023 8:00	2.5	242	50	5.6	0.0
18/12/2023 8:10	2.4	250	50	4.4	0.0
18/12/2023 8:20	2.9	237	42	5.6	0.0
18/12/2023 8:30	3.3	257	38	5.5	0.0
18/12/2023 8:40	2.7	254	43	4.4	0.0
18/12/2023 8:50	2.7	241	47	4.4	0.0
18/12/2023 9:00	2.6	212	52	5.2	0.0
18/12/2023 9:10	3.1	240	50	5.6	0.0
18/12/2023 9:20	2.4	241	48	5.8	0.0
18/12/2023 9:30	3.0	240	42	6.0	0.0
18/12/2023 9:40	3.9	270	28	6.1	0.0
18/12/2023 9:50	4.0	272	28	6.9	0.0
18/12/2023 10:00	4.4	263	34	7.6	0.0
18/12/2023 10:10	3.8	271	29	6.6	0.0
18/12/2023 10:20	4.4	269	28	8.1	0.0
18/12/2023 10:30	4.5	267	20	7.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 10:40	4.9	272	25	7.9	0.0
18/12/2023 10:50	5.2	272	22	7.9	0.0
18/12/2023 11:00	4.9	281	24	8.3	0.0
18/12/2023 11:10	5.0	277	23	7.5	0.0
18/12/2023 11:20	5.1	276	21	8.3	0.0
18/12/2023 11:30	5.5	272	22	8.0	0.0
18/12/2023 11:40	4.8	276	24	8.8	0.0
18/12/2023 11:50	5.4	278	22	8.1	0.0
18/12/2023 12:00	5.6	275	20	8.9	0.0
18/12/2023 12:10	5.1	269	21	8.3	0.0
18/12/2023 12:20	5.2	270	22	8.7	0.0
18/12/2023 12:30	4.9	274	27	9.2	0.0
18/12/2023 12:40	5.6	272	23	8.7	0.0
18/12/2023 12:50	5.7	279	22	8.8	0.0
18/12/2023 13:00	5.0	272	22	7.7	0.0
18/12/2023 13:10	5.6	276	25	8.4	0.0
18/12/2023 13:20	5.3	275	25	8.4	0.0
18/12/2023 13:30	4.9	269	31	8.2	0.0
18/12/2023 13:40	5.6	278	22	8.9	0.0
18/12/2023 13:50	5.2	279	19	8.5	0.0
18/12/2023 14:00	5.2	275	21	7.8	0.0
18/12/2023 14:10	5.6	276	21	8.3	0.0
18/12/2023 14:20	5.6	267	23	9.0	0.0
18/12/2023 14:30	6.1	269	23	8.8	0.0
18/12/2023 14:40	5.6	267	24	9.3	0.0
18/12/2023 14:50	4.8	266	37	8.7	0.0
18/12/2023 15:00	5.4	271	26	8.5	0.0
18/12/2023 15:10	5.4	270	27	8.2	0.0
18/12/2023 15:20	5.0	269	25	8.1	0.0
18/12/2023 15:30	5.5	269	24	8.5	0.0
18/12/2023 15:40	5.0	266	25	8.3	0.0
18/12/2023 15:50	5.3	271	22	9.5	0.0
18/12/2023 16:00	5.0	260	33	8.8	0.0
18/12/2023 16:10	4.6	273	32	8.4	0.0
18/12/2023 16:20	5.0	268	30	8.7	0.0
18/12/2023 16:30	5.4	268	24	8.0	0.0
18/12/2023 16:40	4.7	268	27	8.6	0.0
18/12/2023 16:50	5.3	271	25	8.0	0.0
18/12/2023 17:00	4.5	270	29	7.6	0.0
18/12/2023 17:10	5.8	276	21	8.5	0.0
18/12/2023 17:20	5.4	272	18	8.4	0.0
18/12/2023 17:30	5.0	268	22	7.8	0.0
18/12/2023 17:40	4.8	269	29	8.0	0.0
18/12/2023 17:50	4.8	269	25	8.2	0.0
18/12/2023 18:00	4.8	275	23	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/12/2023 18:10	4.8	274	22	7.2	0.0
18/12/2023 18:20	4.6	267	20	7.1	0.0
18/12/2023 18:30	4.2	267	23	6.7	0.0
18/12/2023 18:40	4.3	275	27	7.4	0.0
18/12/2023 18:50	4.5	270	20	6.8	0.0
18/12/2023 19:00	4.4	268	24	7.8	0.0
18/12/2023 19:10	4.5	270	22	7.2	0.0
18/12/2023 19:20	4.8	270	25	7.3	0.0
18/12/2023 19:30	4.1	270	22	7.1	0.0
18/12/2023 19:40	4.2	268	28	6.9	0.0
18/12/2023 19:50	3.7	267	35	6.0	0.0
18/12/2023 20:00	4.3	266	26	6.4	0.0
18/12/2023 20:10	4.4	270	27	7.8	0.0
18/12/2023 20:20	4.4	267	26	7.1	0.0
18/12/2023 20:30	3.7	271	23	6.0	0.0
18/12/2023 20:40	3.0	258	39	5.5	0.0
18/12/2023 20:50	3.0	274	40	5.6	0.0
18/12/2023 21:00	3.3	261	36	7.2	0.0
18/12/2023 21:10	2.9	251	47	5.5	0.0
18/12/2023 21:20	2.6	259	62	5.2	0.0
18/12/2023 21:30	3.1	257	44	6.9	0.0
18/12/2023 21:40	3.1	269	42	5.3	0.0
18/12/2023 21:50	2.0	239	62	4.2	0.0
18/12/2023 22:00	2.8	256	55	5.6	0.0
18/12/2023 22:10	2.6	253	60	5.6	0.0
18/12/2023 22:20	2.4	245	60	5.5	0.0
18/12/2023 22:30	2.5	265	43	4.7	0.0
18/12/2023 22:40	2.4	257	55	4.5	0.0
18/12/2023 22:50	2.1	235	60	4.6	0.0
18/12/2023 23:00	1.8	246	57	3.5	0.0
18/12/2023 23:10	2.6	243	41	4.7	0.0
18/12/2023 23:20	2.3	257	59	4.3	0.0
18/12/2023 23:30	2.0	249	56	4.6	0.0
18/12/2023 23:40	1.9	225	56	3.2	0.0
18/12/2023 23:50	2.3	248	57	5.2	0.0
19/12/2023 0:00	1.9	241	51	4.1	0.0
19/12/2023 0:10	1.7	230	62	3.7	0.0
19/12/2023 0:20	1.7	216	58	3.3	0.0
19/12/2023 0:30	1.5	232	71	3.0	0.0
19/12/2023 0:40	2.0	217	40	3.6	0.0
19/12/2023 0:50	1.4	214	58	3.3	0.0
19/12/2023 1:00	1.4	214	50	2.9	0.0
19/12/2023 1:10	1.8	200	43	3.3	0.0
19/12/2023 1:20	1.7	213	59	3.6	0.0
19/12/2023 1:30	1.8	206	39	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 1:40	1.6	219	57	3.9	0.0
19/12/2023 1:50	2.1	215	40	4.5	0.0
19/12/2023 2:00	1.5	192	58	4.2	0.0
19/12/2023 2:10	1.5	215	53	3.7	0.0
19/12/2023 2:20	1.6	213	55	3.2	0.0
19/12/2023 2:30	1.3	209	59	2.7	0.0
19/12/2023 2:40	1.6	219	55	3.2	0.0
19/12/2023 2:50	1.3	185	56	2.8	0.0
19/12/2023 3:00	1.0	201	58	2.4	0.0
19/12/2023 3:10	2.1	219	43	4.0	0.0
19/12/2023 3:20	1.8	196	43	3.4	0.0
19/12/2023 3:30	1.8	189	65	3.5	0.0
19/12/2023 3:40	1.9	204	39	4.2	0.0
19/12/2023 3:50	1.6	222	63	3.5	0.0
19/12/2023 4:00	1.3	208	55	2.8	0.0
19/12/2023 4:10	1.8	225	48	3.6	0.0
19/12/2023 4:20	2.1	226	49	4.6	0.0
19/12/2023 4:30	1.4	239	65	3.1	0.0
19/12/2023 4:40	1.8	199	49	3.4	0.0
19/12/2023 4:50	1.7	212	55	3.2	0.0
19/12/2023 5:00	1.4	231	74	3.0	0.0
19/12/2023 5:10	1.3	237	61	2.8	0.0
19/12/2023 5:20	1.9	236	60	3.3	0.0
19/12/2023 5:30	1.4	228	55	2.9	0.0
19/12/2023 5:40	1.6	204	60	3.4	0.0
19/12/2023 5:50	1.7	218	57	3.5	0.0
19/12/2023 6:00	1.5	233	57	3.1	0.0
19/12/2023 6:10	1.7	215	51	3.6	0.0
19/12/2023 6:20	1.5	191	51	3.0	0.0
19/12/2023 6:30	1.7	205	52	4.5	0.0
19/12/2023 6:40	2.0	218	49	4.4	0.0
19/12/2023 6:50	2.0	222	50	3.5	0.0
19/12/2023 7:00	1.9	219	58	3.2	0.0
19/12/2023 7:10	1.7	211	57	4.1	0.0
19/12/2023 7:20	2.1	221	52	4.6	0.0
19/12/2023 7:30	2.5	235	46	4.9	0.0
19/12/2023 7:40	2.5	242	44	4.8	0.0
19/12/2023 7:50	2.6	235	55	4.9	0.0
19/12/2023 8:00	2.9	208	36	5.6	0.0
19/12/2023 8:10	2.6	226	45	5.3	0.0
19/12/2023 8:20	3.0	251	37	5.3	0.0
19/12/2023 8:30	3.3	264	28	6.0	0.0
19/12/2023 8:40	2.7	253	38	5.2	0.0
19/12/2023 8:50	2.7	230	41	5.3	0.0
19/12/2023 9:00	3.4	262	29	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 9:10	3.0	249	50	5.9	0.0
19/12/2023 9:20	3.3	261	35	5.3	0.0
19/12/2023 9:30	3.4	266	34	5.9	0.0
19/12/2023 9:40	4.0	266	28	6.5	0.0
19/12/2023 9:50	3.1	257	33	5.8	0.0
19/12/2023 10:00	3.9	271	22	7.2	0.0
19/12/2023 10:10	4.2	270	23	6.7	0.0
19/12/2023 10:20	4.6	276	22	7.3	0.0
19/12/2023 10:30	4.4	271	22	7.1	0.0
19/12/2023 10:40	4.4	273	26	7.2	0.0
19/12/2023 10:50	4.6	275	28	7.2	0.0
19/12/2023 11:00	4.7	282	22	7.5	0.0
19/12/2023 11:10	4.5	268	21	7.2	0.0
19/12/2023 11:20	4.9	278	20	7.8	0.0
19/12/2023 11:30	4.5	268	24	6.8	0.0
19/12/2023 11:40	4.9	277	21	7.8	0.0
19/12/2023 11:50	5.3	277	23	7.8	0.0
19/12/2023 12:00	5.3	272	21	7.8	0.0
19/12/2023 12:10	5.1	276	24	7.6	0.0
19/12/2023 12:20	4.8	276	23	7.2	0.0
19/12/2023 12:30	5.5	280	22	8.2	0.0
19/12/2023 12:40	4.8	281	22	7.4	0.0
19/12/2023 12:50	5.2	274	23	8.2	0.0
19/12/2023 13:00	5.4	272	22	7.9	0.0
19/12/2023 13:10	4.8	268	23	7.4	0.0
19/12/2023 13:20	5.1	271	22	8.0	0.0
19/12/2023 13:30	3.8	258	34	6.1	0.0
19/12/2023 13:40	3.5	253	35	6.0	0.0
19/12/2023 13:50	4.3	267	26	7.9	0.0
19/12/2023 14:00	3.8	250	38	6.1	0.0
19/12/2023 14:10	5.3	275	24	7.9	0.0
19/12/2023 14:20	4.7	271	27	7.9	0.0
19/12/2023 14:30	4.1	261	34	7.4	0.0
19/12/2023 14:40	4.3	266	31	7.5	0.0
19/12/2023 14:50	4.0	260	44	7.4	0.0
19/12/2023 15:00	4.1	263	34	7.6	0.0
19/12/2023 15:10	4.6	265	29	7.9	0.0
19/12/2023 15:20	5.0	277	20	8.6	0.0
19/12/2023 15:30	4.7	276	27	7.5	0.0
19/12/2023 15:40	5.4	277	19	8.3	0.0
19/12/2023 15:50	5.6	271	23	9.1	0.0
19/12/2023 16:00	5.3	272	22	8.2	0.0
19/12/2023 16:10	5.5	273	20	8.4	0.0
19/12/2023 16:20	5.4	271	24	8.5	0.0
19/12/2023 16:30	5.4	271	22	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/12/2023 16:40	5.3	266	26	8.7	0.0
19/12/2023 16:50	5.7	277	19	8.6	0.0
19/12/2023 17:00	5.1	270	24	8.1	0.0
19/12/2023 17:10	5.2	275	20	7.2	0.0
19/12/2023 17:20	5.1	274	19	7.9	0.0
19/12/2023 17:30	4.4	267	29	7.9	0.0
19/12/2023 17:40	4.8	269	24	8.0	0.0
19/12/2023 17:50	4.4	262	32	7.9	0.0
19/12/2023 18:00	4.6	266	26	8.1	0.0
19/12/2023 18:10	4.4	271	32	7.1	0.0
19/12/2023 18:20	4.9	274	21	8.0	0.0
19/12/2023 18:30	3.8	254	41	7.4	0.0
19/12/2023 18:40	4.5	273	23	7.2	0.0
19/12/2023 18:50	4.1	266	30	6.9	0.0
19/12/2023 19:00	4.0	266	30	7.2	0.0
19/12/2023 19:10	4.1	269	29	7.2	0.0
19/12/2023 19:20	3.9	264	31	7.0	0.0
19/12/2023 19:30	4.3	273	21	6.8	0.0
19/12/2023 19:40	3.6	255	46	6.9	0.0
19/12/2023 19:50	3.6	265	36	6.5	0.0
19/12/2023 20:00	4.0	266	30	6.8	0.0
19/12/2023 20:10	4.1	262	30	6.4	0.0
19/12/2023 20:20	3.7	263	33	6.4	0.0
19/12/2023 20:30	3.3	253	37	6.4	0.0
19/12/2023 20:40	3.0	263	44	5.5	0.0
19/12/2023 20:50	3.5	263	34	6.8	0.0
19/12/2023 21:00	3.9	272	25	7.1	0.0
19/12/2023 21:10	3.2	259	33	5.5	0.0
19/12/2023 21:20	3.7	266	28	6.4	0.0
19/12/2023 21:30	2.7	260	41	5.7	0.0
19/12/2023 21:40	3.1	259	35	6.6	0.0
19/12/2023 21:50	2.9	256	35	5.6	0.0
19/12/2023 22:00	3.2	258	31	5.2	0.0
19/12/2023 22:10	2.4	239	55	4.9	0.0
19/12/2023 22:20	2.9	249	44	5.0	0.0
19/12/2023 22:30	2.9	263	49	5.5	0.0
19/12/2023 22:40	2.4	251	60	5.3	0.0
19/12/2023 22:50	2.3	253	52	4.5	0.0
19/12/2023 23:00	2.4	249	45	4.1	0.0
19/12/2023 23:10	2.1	235	63	4.4	0.0
19/12/2023 23:20	1.7	225	63	3.4	0.0
19/12/2023 23:30	2.3	240	40	4.5	0.0
19/12/2023 23:40	1.8	212	65	3.6	0.0
19/12/2023 23:50	2.1	230	51	4.1	0.0
20/12/2023 0:00	2.2	211	40	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 0:10	1.7	245	53	3.1	0.0
20/12/2023 0:20	1.8	213	61	3.6	0.0
20/12/2023 0:30	1.9	248	53	3.7	0.0
20/12/2023 0:40	2.0	236	54	4.1	0.0
20/12/2023 0:50	2.3	219	45	4.2	0.0
20/12/2023 1:00	2.7	240	40	4.9	0.0
20/12/2023 1:10	2.4	222	44	4.8	0.0
20/12/2023 1:20	2.0	203	56	4.4	0.0
20/12/2023 1:30	2.1	226	55	4.2	0.0
20/12/2023 1:40	2.2	222	43	4.8	0.0
20/12/2023 1:50	2.4	216	50	5.6	0.0
20/12/2023 2:00	2.5	220	40	5.1	0.0
20/12/2023 2:10	2.3	201	50	4.0	0.0
20/12/2023 2:20	2.5	215	45	4.3	0.0
20/12/2023 2:30	2.9	212	36	5.5	0.0
20/12/2023 2:40	2.8	219	43	6.1	0.0
20/12/2023 2:50	2.7	210	36	5.6	0.0
20/12/2023 3:00	2.7	211	34	5.0	0.0
20/12/2023 3:10	3.2	209	34	5.6	0.0
20/12/2023 3:20	2.7	211	37	5.9	0.0
20/12/2023 3:30	2.4	232	48	4.8	0.0
20/12/2023 3:40	2.1	202	44	3.8	0.0
20/12/2023 3:50	2.9	204	31	6.1	0.0
20/12/2023 4:00	2.5	220	39	5.6	0.0
20/12/2023 4:10	2.4	200	31	4.2	0.0
20/12/2023 4:20	2.3	211	31	4.3	0.0
20/12/2023 4:30	2.3	215	49	5.3	0.0
20/12/2023 4:40	1.9	219	66	4.4	0.0
20/12/2023 4:50	1.2	221	61	3.1	0.0
20/12/2023 5:00	1.5	253	57	3.6	0.0
20/12/2023 5:10	1.3	213	58	2.7	0.0
20/12/2023 5:20	2.0	229	41	3.2	0.0
20/12/2023 5:30	1.2	182	58	2.4	0.0
20/12/2023 5:40	1.4	221	52	3.1	0.0
20/12/2023 5:50	1.7	227	54	3.8	0.0
20/12/2023 6:00	1.0	240	49	2.3	0.0
20/12/2023 6:10	1.4	232	51	2.8	0.0
20/12/2023 6:20	0.9	259	47	2.2	0.0
20/12/2023 6:30	1.2	249	50	2.1	0.0
20/12/2023 6:40	1.5	265	44	2.8	0.0
20/12/2023 6:50	1.7	232	45	4.0	0.0
20/12/2023 7:00	2.2	227	42	4.2	0.0
20/12/2023 7:10	1.9	265	45	3.8	0.0
20/12/2023 7:20	2.4	258	30	4.5	0.0
20/12/2023 7:30	2.0	222	50	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 7:40	2.1	230	52	4.6	0.0
20/12/2023 7:50	2.2	232	37	4.6	0.0
20/12/2023 8:00	2.6	261	34	5.1	0.0
20/12/2023 8:10	3.3	269	28	6.4	0.0
20/12/2023 8:20	2.3	264	50	4.9	0.0
20/12/2023 8:30	3.3	259	33	5.6	0.0
20/12/2023 8:40	3.0	263	30	5.2	0.0
20/12/2023 8:50	3.0	261	39	5.5	0.0
20/12/2023 9:00	2.9	256	35	5.5	0.0
20/12/2023 9:10	3.3	268	24	6.4	0.0
20/12/2023 9:20	3.2	269	35	5.6	0.0
20/12/2023 9:30	4.0	275	21	5.9	0.0
20/12/2023 9:40	3.9	272	24	6.0	0.0
20/12/2023 9:50	4.0	273	23	6.9	0.0
20/12/2023 10:00	4.5	281	18	6.7	0.0
20/12/2023 10:10	4.4	286	25	7.6	0.0
20/12/2023 10:20	4.4	273	23	6.7	0.0
20/12/2023 10:30	4.4	273	22	7.6	0.0
20/12/2023 10:40	4.6	280	21	7.6	0.0
20/12/2023 10:50	4.4	280	25	7.0	0.0
20/12/2023 11:00	4.4	272	19	7.2	0.0
20/12/2023 11:10	4.9	275	21	8.2	0.0
20/12/2023 11:20	4.0	267	29	6.6	0.0
20/12/2023 11:30	4.5	268	25	6.8	0.0
20/12/2023 11:40	4.9	277	21	7.2	0.0
20/12/2023 11:50	4.8	276	22	7.2	0.0
20/12/2023 12:00	5.3	276	20	8.3	0.0
20/12/2023 12:10	5.1	276	18	7.2	0.0
20/12/2023 12:20	5.3	275	20	8.2	0.0
20/12/2023 12:30	5.6	277	21	8.4	0.0
20/12/2023 12:40	5.2	277	24	7.9	0.0
20/12/2023 12:50	5.5	275	20	8.4	0.0
20/12/2023 13:00	5.8	270	23	8.7	0.0
20/12/2023 13:10	5.4	272	26	7.7	0.0
20/12/2023 13:20	4.7	269	22	7.4	0.0
20/12/2023 13:30	4.6	270	29	7.2	0.0
20/12/2023 13:40	4.8	269	25	8.3	0.0
20/12/2023 13:50	4.1	260	43	7.2	0.0
20/12/2023 14:00	3.9	262	37	7.7	0.0
20/12/2023 14:10	4.0	257	39	7.0	0.0
20/12/2023 14:20	4.4	266	29	7.4	0.0
20/12/2023 14:30	4.9	266	31	8.7	0.0
20/12/2023 14:40	5.4	272	22	9.1	0.0
20/12/2023 14:50	4.8	260	33	7.2	0.0
20/12/2023 15:00	4.8	265	28	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 15:10	5.5	272	19	8.7	0.0
20/12/2023 15:20	4.6	267	24	7.2	0.0
20/12/2023 15:30	5.6	272	20	9.0	0.0
20/12/2023 15:40	5.3	274	21	8.4	0.0
20/12/2023 15:50	5.3	273	22	8.1	0.0
20/12/2023 16:00	4.8	273	24	7.6	0.0
20/12/2023 16:10	5.1	273	19	7.1	0.0
20/12/2023 16:20	4.8	266	25	7.8	0.0
20/12/2023 16:30	4.2	255	32	7.6	0.0
20/12/2023 16:40	4.6	262	34	8.2	0.0
20/12/2023 16:50	4.6	268	29	7.9	0.0
20/12/2023 17:00	3.7	245	41	6.0	0.0
20/12/2023 17:10	3.7	256	42	6.0	0.0
20/12/2023 17:20	4.2	265	36	7.9	0.0
20/12/2023 17:30	3.7	251	49	6.4	0.0
20/12/2023 17:40	3.1	251	47	5.8	0.0
20/12/2023 17:50	3.0	252	49	6.0	0.0
20/12/2023 18:00	3.9	256	32	6.8	0.0
20/12/2023 18:10	3.1	250	44	6.7	0.0
20/12/2023 18:20	2.7	248	51	5.9	0.0
20/12/2023 18:30	3.4	255	41	6.3	0.0
20/12/2023 18:40	3.7	248	33	6.8	0.0
20/12/2023 18:50	3.1	260	46	6.4	0.0
20/12/2023 19:00	2.7	249	51	5.2	0.0
20/12/2023 19:10	3.5	268	47	6.7	0.0
20/12/2023 19:20	3.1	271	34	5.4	0.0
20/12/2023 19:30	3.5	273	41	6.7	0.0
20/12/2023 19:40	3.6	272	36	7.5	0.0
20/12/2023 19:50	3.3	271	30	5.9	0.0
20/12/2023 20:00	3.8	272	26	6.8	0.0
20/12/2023 20:10	4.3	271	19	7.0	0.0
20/12/2023 20:20	3.3	258	42	6.1	0.0
20/12/2023 20:30	3.8	268	30	7.5	0.0
20/12/2023 20:40	4.3	272	23	6.6	0.0
20/12/2023 20:50	4.6	270	25	7.2	0.0
20/12/2023 21:00	3.7	257	35	6.3	0.0
20/12/2023 21:10	3.1	264	43	5.4	0.0
20/12/2023 21:20	3.0	251	49	5.1	0.0
20/12/2023 21:30	3.1	266	49	6.4	0.0
20/12/2023 21:40	3.4	266	45	6.4	0.0
20/12/2023 21:50	2.5	246	47	5.6	0.0
20/12/2023 22:00	2.7	262	56	5.5	0.0
20/12/2023 22:10	2.6	232	52	4.8	0.0
20/12/2023 22:20	2.8	261	47	5.6	0.0
20/12/2023 22:30	2.4	250	53	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/12/2023 22:40	2.4	257	54	5.6	0.0
20/12/2023 22:50	2.4	243	43	4.8	0.0
20/12/2023 23:00	2.4	241	35	4.8	0.0
20/12/2023 23:10	2.5	232	58	4.8	0.0
20/12/2023 23:20	1.6	271	88	3.9	0.0
20/12/2023 23:30	2.6	247	47	5.3	0.0
20/12/2023 23:40	2.6	255	33	4.9	0.0
20/12/2023 23:50	2.6	253	51	5.0	0.0
21/12/2023 0:00	2.8	256	38	5.2	0.0
21/12/2023 0:10	2.0	233	53	4.4	0.0
21/12/2023 0:20	3.2	250	40	6.2	0.0
21/12/2023 0:30	3.0	249	34	6.0	0.0
21/12/2023 0:40	2.9	242	41	4.8	0.0
21/12/2023 0:50	2.4	235	51	5.2	0.0
21/12/2023 1:00	2.3	238	48	4.2	0.0
21/12/2023 1:10	2.5	246	48	4.9	0.0
21/12/2023 1:20	2.5	250	50	5.3	0.0
21/12/2023 1:30	2.4	253	49	5.9	0.0
21/12/2023 1:40	2.4	223	59	5.7	0.0
21/12/2023 1:50	2.1	234	71	4.4	0.0
21/12/2023 2:00	2.1	214	54	5.2	0.0
21/12/2023 2:10	2.2	237	52	4.4	0.0
21/12/2023 2:20	2.2	214	44	4.5	0.0
21/12/2023 2:30	2.2	218	60	4.1	0.0
21/12/2023 2:40	2.2	244	43	4.6	0.0
21/12/2023 2:50	2.1	218	64	4.5	0.0
21/12/2023 3:00	2.5	217	42	5.2	0.0
21/12/2023 3:10	2.3	209	57	4.2	0.0
21/12/2023 3:20	1.8	224	73	4.0	0.0
21/12/2023 3:30	2.1	206	60	3.9	0.0
21/12/2023 3:40	2.0	230	60	5.2	0.0
21/12/2023 3:50	2.3	223	53	4.8	0.0
21/12/2023 4:00	2.2	192	41	4.6	0.0
21/12/2023 4:10	2.2	232	46	4.8	0.0
21/12/2023 4:20	2.3	218	45	4.5	0.0
21/12/2023 4:30	1.8	213	50	3.7	0.0
21/12/2023 4:40	2.2	236	48	4.5	0.0
21/12/2023 4:50	2.0	202	62	4.4	0.0
21/12/2023 5:00	1.9	242	63	4.1	0.0
21/12/2023 5:10	1.7	223	80	3.5	0.0
21/12/2023 5:20	2.1	225	63	4.3	0.0
21/12/2023 5:30	1.8	197	67	4.2	0.0
21/12/2023 5:40	1.5	232	63	4.0	0.0
21/12/2023 5:50	1.8	195	73	3.7	0.0
21/12/2023 6:00	1.8	209	63	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 6:10	1.8	217	54	4.0	0.0
21/12/2023 6:20	1.8	192	54	3.9	0.0
21/12/2023 6:30	1.6	234	61	4.0	0.0
21/12/2023 6:40	2.0	192	53	3.6	0.0
21/12/2023 6:50	2.2	230	51	4.5	0.0
21/12/2023 7:00	1.7	232	78	4.4	0.0
21/12/2023 7:10	2.0	233	50	4.1	0.0
21/12/2023 7:20	2.0	214	46	3.5	0.0
21/12/2023 7:30	2.4	242	32	4.0	0.0
21/12/2023 7:40	1.8	245	55	3.6	0.0
21/12/2023 7:50	2.3	238	42	4.4	0.0
21/12/2023 8:00	2.5	209	36	4.8	0.0
21/12/2023 8:10	3.0	213	37	6.6	0.0
21/12/2023 8:20	2.6	220	50	5.5	0.0
21/12/2023 8:30	3.1	221	38	6.5	0.0
21/12/2023 8:40	3.0	207	42	5.2	0.0
21/12/2023 8:50	3.2	218	35	5.8	0.0
21/12/2023 9:00	2.6	217	42	5.1	0.0
21/12/2023 9:10	2.2	199	47	4.1	0.0
21/12/2023 9:20	3.3	210	33	6.9	0.0
21/12/2023 9:30	2.4	233	62	5.4	0.0
21/12/2023 9:40	3.0	231	45	5.2	0.0
21/12/2023 9:50	2.8	229	41	5.1	0.0
21/12/2023 10:00	2.9	255	34	5.2	0.0
21/12/2023 10:10	2.8	260	40	5.9	0.0
21/12/2023 10:20	3.5	264	37	5.4	0.0
21/12/2023 10:30	3.9	274	21	6.1	0.0
21/12/2023 10:40	4.4	270	20	6.4	0.0
21/12/2023 10:50	4.6	268	19	7.4	0.0
21/12/2023 11:00	4.7	272	20	6.9	0.0
21/12/2023 11:10	4.7	271	21	7.2	0.0
21/12/2023 11:20	4.6	273	18	6.7	0.0
21/12/2023 11:30	4.7	277	23	7.2	0.0
21/12/2023 11:40	4.8	268	22	7.7	0.0
21/12/2023 11:50	4.6	268	26	6.8	0.0
21/12/2023 12:00	4.0	270	22	6.8	0.0
21/12/2023 12:10	4.4	267	26	7.6	0.0
21/12/2023 12:20	4.0	271	28	6.4	0.0
21/12/2023 12:30	5.0	270	22	7.9	0.0
21/12/2023 12:40	5.3	273	19	8.3	0.0
21/12/2023 12:50	4.4	269	26	7.5	0.0
21/12/2023 13:00	4.6	261	37	8.3	0.0
21/12/2023 13:10	4.2	266	26	6.3	0.0
21/12/2023 13:20	4.6	273	20	6.8	0.0
21/12/2023 13:30	4.7	275	20	7.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 13:40	5.1	277	17	8.4	0.0
21/12/2023 13:50	4.8	278	20	7.3	0.0
21/12/2023 14:00	4.7	276	20	7.3	0.0
21/12/2023 14:10	5.4	280	23	7.9	0.0
21/12/2023 14:20	5.2	272	20	8.2	0.0
21/12/2023 14:30	5.4	273	17	8.7	0.0
21/12/2023 14:40	5.5	283	22	8.1	0.0
21/12/2023 14:50	5.1	272	21	8.0	0.0
21/12/2023 15:00	4.9	278	21	7.4	0.0
21/12/2023 15:10	4.9	277	23	7.9	0.0
21/12/2023 15:20	6.0	300	22	8.8	0.0
21/12/2023 15:30	7.4	299	16	11.1	0.0
21/12/2023 15:40	7.4	299	16	10.0	0.0
21/12/2023 15:50	5.4	306	21	8.7	0.0
21/12/2023 16:00	6.4	304	18	9.1	0.0
21/12/2023 16:10	5.9	288	24	8.4	0.0
21/12/2023 16:20	5.7	290	23	8.9	0.0
21/12/2023 16:30	5.9	291	22	9.4	0.0
21/12/2023 16:40	5.8	290	21	9.3	0.0
21/12/2023 16:50	5.9	283	20	9.9	0.0
21/12/2023 17:00	6.0	291	23	10.3	0.0
21/12/2023 17:10	5.5	290	23	10.0	0.0
21/12/2023 17:20	4.9	285	24	9.1	0.0
21/12/2023 17:30	5.8	287	21	8.4	0.0
21/12/2023 17:40	5.7	286	21	8.6	0.0
21/12/2023 17:50	5.2	286	23	7.9	0.0
21/12/2023 18:00	4.5	279	22	7.7	0.0
21/12/2023 18:10	4.1	273	24	7.4	0.0
21/12/2023 18:20	4.1	274	23	6.8	0.0
21/12/2023 18:30	4.5	267	22	6.9	0.0
21/12/2023 18:40	4.4	272	22	7.1	0.0
21/12/2023 18:50	4.5	262	22	7.2	0.0
21/12/2023 19:00	4.2	263	23	6.8	0.0
21/12/2023 19:10	4.9	265	22	7.2	0.0
21/12/2023 19:20	4.8	271	20	7.5	0.0
21/12/2023 19:30	4.5	276	20	7.4	0.0
21/12/2023 19:40	4.8	270	21	7.9	0.0
21/12/2023 19:50	5.0	273	19	9.0	0.0
21/12/2023 20:00	4.9	273	22	7.5	0.0
21/12/2023 20:10	5.1	275	19	8.1	0.0
21/12/2023 20:20	4.6	276	18	7.4	0.0
21/12/2023 20:30	4.6	277	19	7.0	0.0
21/12/2023 20:40	4.5	270	31	7.5	0.0
21/12/2023 20:50	4.8	270	23	7.9	0.0
21/12/2023 21:00	4.9	274	26	7.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/12/2023 21:10	4.6	266	31	7.1	0.0
21/12/2023 21:20	5.3	270	20	9.4	0.0
21/12/2023 21:30	5.2	277	20	8.4	0.0
21/12/2023 21:40	4.6	269	34	8.2	0.0
21/12/2023 21:50	4.3	270	29	7.3	0.0
21/12/2023 22:00	4.8	272	26	7.7	0.0
21/12/2023 22:10	3.7	266	29	6.8	0.0
21/12/2023 22:20	3.2	259	51	7.1	0.0
21/12/2023 22:30	3.9	270	33	7.4	0.0
21/12/2023 22:40	3.3	257	46	6.7	0.0
21/12/2023 22:50	2.6	239	55	5.2	0.0
21/12/2023 23:00	2.8	248	63	5.9	0.0
21/12/2023 23:10	2.8	252	60	5.7	0.0
21/12/2023 23:20	2.7	257	48	5.9	0.0
21/12/2023 23:30	2.8	241	57	5.2	0.0
21/12/2023 23:40	3.1	248	50	6.0	0.0
21/12/2023 23:50	2.5	218	60	5.4	0.0
22/12/2023 0:00	2.4	226	55	4.7	0.0
22/12/2023 0:10	2.7	242	46	6.4	0.0
22/12/2023 0:20	2.1	279	59	5.0	0.0
22/12/2023 0:30	2.5	226	56	5.3	0.0
22/12/2023 0:40	2.4	247	58	5.6	0.0
22/12/2023 0:50	2.0	203	74	5.6	0.0
22/12/2023 1:00	2.2	231	61	5.6	0.0
22/12/2023 1:10	2.7	245	44	5.8	0.0
22/12/2023 1:20	2.1	213	64	4.7	0.0
22/12/2023 1:30	2.4	219	53	4.8	0.0
22/12/2023 1:40	2.3	208	64	6.3	0.0
22/12/2023 1:50	2.2	208	52	4.5	0.0
22/12/2023 2:00	2.4	242	47	4.4	0.0
22/12/2023 2:10	2.7	219	45	5.2	0.0
22/12/2023 2:20	2.4	218	46	5.3	0.0
22/12/2023 2:30	1.8	237	74	4.0	0.0
22/12/2023 2:40	2.5	234	51	4.8	0.0
22/12/2023 2:50	1.7	224	53	4.2	0.0
22/12/2023 3:00	1.8	232	79	4.1	0.0
22/12/2023 3:10	2.0	221	56	4.3	0.0
22/12/2023 3:20	2.1	215	51	4.8	0.0
22/12/2023 3:30	1.6	228	58	3.8	0.0
22/12/2023 3:40	1.8	202	60	2.9	0.0
22/12/2023 3:50	2.1	230	58	4.4	0.0
22/12/2023 4:00	2.0	241	49	4.2	0.0
22/12/2023 4:10	2.2	249	34	4.2	0.0
22/12/2023 4:20	2.4	234	38	4.9	0.0
22/12/2023 4:30	2.1	230	42	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 4:40	2.7	261	36	4.9	0.0
22/12/2023 4:50	1.7	254	48	3.7	0.0
22/12/2023 5:00	1.7	253	50	3.5	0.0
22/12/2023 5:10	1.8	254	55	4.6	0.0
22/12/2023 5:20	2.5	270	36	4.4	0.0
22/12/2023 5:30	2.0	242	56	4.1	0.0
22/12/2023 5:40	1.8	223	60	4.7	0.0
22/12/2023 5:50	2.5	281	49	5.2	0.0
22/12/2023 6:00	1.8	327	57	3.6	0.0
22/12/2023 6:10	2.6	117	25	4.0	0.0
22/12/2023 6:20	2.1	259	43	3.6	0.0
22/12/2023 6:30	2.3	276	32	4.2	0.0
22/12/2023 6:40	2.0	240	25	3.3	0.0
22/12/2023 6:50	2.3	276	32	3.9	0.0
22/12/2023 7:00	2.6	268	26	4.8	0.0
22/12/2023 7:10	2.5	271	26	4.8	0.0
22/12/2023 7:20	2.6	264	36	4.7	0.0
22/12/2023 7:30	3.0	276	24	4.9	0.0
22/12/2023 7:40	3.0	271	23	4.9	0.0
22/12/2023 7:50	3.0	271	22	4.8	0.0
22/12/2023 8:00	3.3	272	22	5.2	0.0
22/12/2023 8:10	2.9	271	25	4.8	0.0
22/12/2023 8:20	3.3	276	19	5.1	0.0
22/12/2023 8:30	3.3	273	21	4.9	0.0
22/12/2023 8:40	2.2	319	36	5.1	0.0
22/12/2023 8:50					
22/12/2023 9:00					
22/12/2023 9:10					
22/12/2023 9:20					
22/12/2023 9:30					
22/12/2023 9:40					0.0
22/12/2023 9:50					0.0
22/12/2023 10:00					0.0
22/12/2023 10:10					0.0
22/12/2023 10:20					0.0
22/12/2023 10:30					0.0
22/12/2023 10:40					0.0
22/12/2023 10:50					0.0
22/12/2023 11:00					0.0
22/12/2023 11:10					0.0
22/12/2023 11:20					0.0
22/12/2023 11:30					0.0
22/12/2023 11:40					0.0
22/12/2023 11:50					0.0
22/12/2023 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 12:10					0.0
22/12/2023 12:20					0.0
22/12/2023 12:30					0.0
22/12/2023 12:40					0.0
22/12/2023 12:50					0.0
22/12/2023 13:00					0.0
22/12/2023 13:10					0.0
22/12/2023 13:20					0.0
22/12/2023 13:30					0.0
22/12/2023 13:40					0.0
22/12/2023 13:50					0.0
22/12/2023 14:00					0.0
22/12/2023 14:10					0.0
22/12/2023 14:20					0.0
22/12/2023 14:30					0.0
22/12/2023 14:40					0.0
22/12/2023 14:50					0.0
22/12/2023 15:00					0.0
22/12/2023 15:10					0.0
22/12/2023 15:20					0.0
22/12/2023 15:30					0.0
22/12/2023 15:40					0.0
22/12/2023 15:50					0.0
22/12/2023 16:00					0.0
22/12/2023 16:10					0.0
22/12/2023 16:20					0.0
22/12/2023 16:30					0.0
22/12/2023 16:40					0.0
22/12/2023 16:50					0.0
22/12/2023 17:00					0.0
22/12/2023 17:10					0.0
22/12/2023 17:20					0.0
22/12/2023 17:30					0.0
22/12/2023 17:40					0.0
22/12/2023 17:50					0.0
22/12/2023 18:00					0.0
22/12/2023 18:10					0.0
22/12/2023 18:20					0.0
22/12/2023 18:30					0.0
22/12/2023 18:40					0.0
22/12/2023 18:50					0.0
22/12/2023 19:00					0.0
22/12/2023 19:10					0.0
22/12/2023 19:20					0.0
22/12/2023 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/12/2023 19:40					0.0
22/12/2023 19:50					0.0
22/12/2023 20:00	2.6	262	55	6.8	0.0
22/12/2023 20:10	3.4	249	45	6.7	0.0
22/12/2023 20:20	3.4	238	44	6.9	0.0
22/12/2023 20:30	3.4	264	50	5.9	0.0
22/12/2023 20:40	3.4	249	53	7.8	0.0
22/12/2023 20:50	2.9	243	54	6.3	0.0
22/12/2023 21:00	3.2	242	45	7.4	0.0
22/12/2023 21:10	3.4	247	44	6.7	0.0
22/12/2023 21:20	2.9	252	62	6.9	0.0
22/12/2023 21:30	2.9	249	50	6.8	0.0
22/12/2023 21:40	2.7	230	51	5.0	0.0
22/12/2023 21:50	2.7	248	51	5.2	0.0
22/12/2023 22:00	2.4	238	47	5.2	0.0
22/12/2023 22:10	2.1	227	54	4.7	0.0
22/12/2023 22:20	3.0	242	39	6.1	0.0
22/12/2023 22:30	2.8	242	48	5.5	0.0
22/12/2023 22:40	2.3	225	53	4.6	0.0
22/12/2023 22:50	2.5	258	51	4.4	0.0
22/12/2023 23:00	1.9	232	64	3.9	0.0
22/12/2023 23:10	2.5	256	49	4.9	0.0
22/12/2023 23:20	2.7	258	41	5.2	0.0
22/12/2023 23:30	1.9	233	59	4.0	0.0
22/12/2023 23:40	2.3	249	41	5.2	0.0
22/12/2023 23:50	2.3	259	47	5.2	0.0
23/12/2023 0:00	2.2	244	59	4.6	0.0
23/12/2023 0:10	2.0	228	54	4.0	0.0
23/12/2023 0:20	1.7	216	58	3.6	0.0
23/12/2023 0:30	2.2	248	49	4.1	0.0
23/12/2023 0:40	2.3	252	56	5.2	0.0
23/12/2023 0:50	2.2	250	44	4.8	0.0
23/12/2023 1:00	2.1	217	50	4.2	0.0
23/12/2023 1:10	2.3	238	49	4.7	0.0
23/12/2023 1:20	2.3	252	50	5.2	0.0
23/12/2023 1:30	2.1	247	53	3.6	0.0
23/12/2023 1:40	1.5	207	64	3.2	0.0
23/12/2023 1:50	2.3	246	42	4.0	0.0
23/12/2023 2:00	1.4	200	65	2.9	0.0
23/12/2023 2:10	1.8	257	61	3.8	0.0
23/12/2023 2:20	1.7	222	55	3.5	0.0
23/12/2023 2:30	1.9	245	48	3.6	0.0
23/12/2023 2:40	1.6	242	64	3.2	0.0
23/12/2023 2:50	2.1	250	37	3.7	0.0
23/12/2023 3:00	2.1	226	35	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 3:10	2.1	248	32	4.6	0.0
23/12/2023 3:20	1.4	237	62	3.1	0.0
23/12/2023 3:30	1.8	257	35	3.6	0.0
23/12/2023 3:40	1.1	252	49	2.8	0.0
23/12/2023 3:50	1.2	255	44	2.3	0.0
23/12/2023 4:00	1.8	248	41	3.4	0.0
23/12/2023 4:10	2.0	242	39	3.9	0.0
23/12/2023 4:20	1.7	245	49	3.1	0.0
23/12/2023 4:30	1.4	215	56	3.2	0.0
23/12/2023 4:40	1.8	265	48	4.0	0.0
23/12/2023 4:50	2.2	267	34	4.1	0.0
23/12/2023 5:00	2.4	265	31	4.4	0.0
23/12/2023 5:10	2.1	263	40	3.8	0.0
23/12/2023 5:20	2.0	263	35	3.6	0.0
23/12/2023 5:30	2.1	256	42	4.5	0.0
23/12/2023 5:40	1.8	250	48	3.6	0.0
23/12/2023 5:50	2.1	247	47	4.1	0.0
23/12/2023 6:00	2.4	236	45	4.1	0.0
23/12/2023 6:10	2.1	239	46	4.3	0.0
23/12/2023 6:20	2.3	258	41	4.2	0.0
23/12/2023 6:30	1.8	243	72	3.9	0.0
23/12/2023 6:40	2.4	244	51	4.4	0.0
23/12/2023 6:50	2.8	256	38	5.1	0.0
23/12/2023 7:00	2.4	256	56	4.9	0.0
23/12/2023 7:10	1.7	251	69	3.6	0.0
23/12/2023 7:20	1.7	276	61	3.5	0.0
23/12/2023 7:30	2.6	257	40	4.6	0.0
23/12/2023 7:40	2.7	244	42	5.6	0.0
23/12/2023 7:50	2.7	252	33	4.7	0.0
23/12/2023 8:00	3.0	257	31	4.8	0.0
23/12/2023 8:10	2.5	260	36	5.0	0.0
23/12/2023 8:20	2.4	268	43	5.6	0.0
23/12/2023 8:30	3.3	268	25	5.2	0.0
23/12/2023 8:40	3.2	263	23	5.2	0.0
23/12/2023 8:50	3.0	259	37	5.2	0.0
23/12/2023 9:00	3.1	259	35	4.7	0.0
23/12/2023 9:10	3.8	274	22	6.8	0.0
23/12/2023 9:20	3.6	274	27	6.4	0.0
23/12/2023 9:30	3.9	269	26	6.4	0.0
23/12/2023 9:40	4.0	271	23	6.0	0.0
23/12/2023 9:50	4.4	269	21	6.8	0.0
23/12/2023 10:00	4.4	271	22	6.4	0.0
23/12/2023 10:10	4.4	268	23	7.1	0.0
23/12/2023 10:20	4.0	268	27	6.8	0.0
23/12/2023 10:30	4.5	268	26	6.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 10:40	4.4	273	26	6.8	0.0
23/12/2023 10:50	3.6	277	27	6.8	0.0
23/12/2023 11:00	3.8	266	28	6.0	0.0
23/12/2023 11:10	4.0	270	23	5.9	0.0
23/12/2023 11:20	4.6	274	18	6.9	0.0
23/12/2023 11:30	4.7	273	21	7.2	0.0
23/12/2023 11:40	4.6	276	19	6.9	0.0
23/12/2023 11:50	4.9	273	20	7.0	0.0
23/12/2023 12:00	5.0	279	23	7.9	0.0
23/12/2023 12:10	5.0	274	23	7.2	0.0
23/12/2023 12:20	5.1	272	21	8.1	0.0
23/12/2023 12:30	4.7	270	26	7.5	0.0
23/12/2023 12:40	5.2	280	20	7.9	0.0
23/12/2023 12:50	5.3	279	21	8.8	0.0
23/12/2023 13:00	5.4	279	22	8.6	0.0
23/12/2023 13:10	4.6	272	29	7.8	0.0
23/12/2023 13:20	5.6	271	20	8.7	0.0
23/12/2023 13:30	5.3	275	25	8.4	0.0
23/12/2023 13:40	5.5	276	22	8.0	0.0
23/12/2023 13:50	5.7	274	23	8.7	0.0
23/12/2023 14:00	5.5	274	25	9.0	0.0
23/12/2023 14:10	5.7	277	22	9.2	0.0
23/12/2023 14:20	5.7	277	19	8.7	0.0
23/12/2023 14:30	5.5	273	21	9.3	0.0
23/12/2023 14:40	6.1	274	19	9.1	0.0
23/12/2023 14:50	5.3	279	23	7.9	0.0
23/12/2023 15:00	5.6	271	22	8.1	0.0
23/12/2023 15:10	5.2	274	23	8.7	0.0
23/12/2023 15:20	5.2	272	21	8.3	0.0
23/12/2023 15:30	5.2	276	20	7.5	0.0
23/12/2023 15:40	5.3	274	20	7.8	0.0
23/12/2023 15:50	5.4	271	19	8.5	0.0
23/12/2023 16:00	5.5	274	19	8.7	0.0
23/12/2023 16:10	4.9	267	28	8.0	0.0
23/12/2023 16:20	5.0	272	22	7.4	0.0
23/12/2023 16:30	4.9	269	24	7.9	0.0
23/12/2023 16:40	4.6	263	24	8.0	0.0
23/12/2023 16:50	5.0	270	23	7.9	0.0
23/12/2023 17:00	4.9	276	19	7.1	0.0
23/12/2023 17:10	5.2	267	22	8.1	0.0
23/12/2023 17:20	5.1	271	23	7.9	0.0
23/12/2023 17:30	4.9	268	25	7.9	0.0
23/12/2023 17:40	4.8	270	24	8.7	0.0
23/12/2023 17:50	4.5	270	29	7.9	0.0
23/12/2023 18:00	4.5	263	38	8.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/12/2023 18:10	4.5	264	41	7.7	0.0
23/12/2023 18:20	4.6	267	31	8.1	0.0
23/12/2023 18:30	4.1	264	33	6.8	0.0
23/12/2023 18:40	4.2	262	42	8.0	0.0
23/12/2023 18:50	3.5	263	53	6.8	0.0
23/12/2023 19:00	3.9	269	42	7.2	0.0
23/12/2023 19:10	3.3	258	56	6.8	0.0
23/12/2023 19:20	3.1	251	52	7.0	0.0
23/12/2023 19:30	3.6	256	47	7.3	0.0
23/12/2023 19:40	3.7	251	43	6.7	0.0
23/12/2023 19:50	3.0	257	51	6.0	0.0
23/12/2023 20:00	3.0	266	52	6.5	0.0
23/12/2023 20:10	3.1	251	43	6.5	0.0
23/12/2023 20:20	3.4	252	49	7.2	0.0
23/12/2023 20:30	2.8	244	53	5.9	0.0
23/12/2023 20:40	2.4	229	68	4.8	0.0
23/12/2023 20:50	2.9	240	42	4.9	0.0
23/12/2023 21:00	3.6	253	40	6.6	0.0
23/12/2023 21:10	2.8	240	47	5.8	0.0
23/12/2023 21:20	3.3	261	43	6.3	0.0
23/12/2023 21:30	2.8	244	53	5.4	0.0
23/12/2023 21:40	3.2	272	49	6.4	0.0
23/12/2023 21:50	2.7	246	51	5.6	0.0
23/12/2023 22:00	3.0	249	46	5.6	0.0
23/12/2023 22:10	2.8	244	53	5.7	0.0
23/12/2023 22:20	2.6	251	51	5.2	0.0
23/12/2023 22:30	2.4	230	51	6.2	0.0
23/12/2023 22:40	2.8	256	66	6.8	0.0
23/12/2023 22:50	2.1	187	70	5.8	0.0
23/12/2023 23:00	2.6	242	48	5.4	0.0
23/12/2023 23:10	2.6	255	52	5.9	0.0
23/12/2023 23:20	3.1	262	43	5.9	0.0
23/12/2023 23:30	2.5	234	53	4.4	0.0
23/12/2023 23:40	2.0	228	62	3.6	0.0
23/12/2023 23:50	2.7	247	54	5.8	0.0
24/12/2023 0:00	2.8	246	50	5.5	0.0
24/12/2023 0:10	2.8	254	47	5.6	0.0
24/12/2023 0:20	2.0	243	69	4.0	0.0
24/12/2023 0:30	2.6	250	53	5.8	0.0
24/12/2023 0:40	2.1	226	63	4.4	0.0
24/12/2023 0:50	2.1	251	62	5.2	0.0
24/12/2023 1:00	2.6	265	40	5.4	0.0
24/12/2023 1:10	2.0	249	77	5.4	0.0
24/12/2023 1:20	2.3	246	50	5.0	0.0
24/12/2023 1:30	2.3	249	53	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 1:40	1.8	207	53	3.7	0.0
24/12/2023 1:50	1.9	250	71	3.7	0.0
24/12/2023 2:00	2.0	236	60	4.0	0.0
24/12/2023 2:10	1.9	232	57	4.0	0.0
24/12/2023 2:20	2.2	250	48	5.2	0.0
24/12/2023 2:30	1.5	248	61	3.4	0.0
24/12/2023 2:40	2.1	217	52	4.0	0.0
24/12/2023 2:50	1.8	254	47	4.0	0.0
24/12/2023 3:00	2.0	223	48	4.2	0.0
24/12/2023 3:10	1.7	241	61	3.8	0.0
24/12/2023 3:20	2.3	255	45	4.5	0.0
24/12/2023 3:30	2.4	269	36	4.4	0.0
24/12/2023 3:40	2.1	254	60	4.0	0.0
24/12/2023 3:50	2.8	259	33	5.2	0.0
24/12/2023 4:00	1.9	249	56	4.0	0.0
24/12/2023 4:10	2.2	241	43	4.4	0.0
24/12/2023 4:20	1.7	251	63	3.9	0.0
24/12/2023 4:30	2.2	240	44	4.0	0.0
24/12/2023 4:40	1.7	249	58	4.0	0.0
24/12/2023 4:50	2.1	254	52	3.8	0.0
24/12/2023 5:00	2.1	250	41	4.0	0.0
24/12/2023 5:10	1.9	254	58	4.6	0.0
24/12/2023 5:20	2.3	255	45	4.3	0.0
24/12/2023 5:30	1.9	254	51	3.8	0.0
24/12/2023 5:40	2.5	261	34	4.4	0.0
24/12/2023 5:50	2.7	249	35	5.2	0.0
24/12/2023 6:00	2.8	244	42	6.0	0.0
24/12/2023 6:10	3.3	234	39	5.6	0.0
24/12/2023 6:20	2.7	251	47	4.4	0.0
24/12/2023 6:30	2.8	256	39	5.4	0.0
24/12/2023 6:40	2.9	249	49	5.7	0.0
24/12/2023 6:50	2.4	246	60	4.8	0.0
24/12/2023 7:00	2.7	262	33	5.0	0.0
24/12/2023 7:10	2.3	237	44	4.5	0.0
24/12/2023 7:20	2.7	256	34	5.0	0.0
24/12/2023 7:30	3.0	255	27	5.0	0.0
24/12/2023 7:40	2.9	262	37	4.6	0.0
24/12/2023 7:50	2.8	262	33	4.6	0.0
24/12/2023 8:00	2.5	255	41	5.1	0.0
24/12/2023 8:10	2.7	250	37	4.9	0.0
24/12/2023 8:20	2.6	241	44	4.6	0.0
24/12/2023 8:30	2.3	249	51	4.8	0.0
24/12/2023 8:40	2.6	261	41	4.4	0.0
24/12/2023 8:50	3.1	264	35	5.2	0.0
24/12/2023 9:00	2.7	265	45	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 9:10	2.7	265	32	4.8	0.0
24/12/2023 9:20	3.5	275	23	5.5	0.0
24/12/2023 9:30	3.9	275	23	6.0	0.0
24/12/2023 9:40	3.8	275	22	5.9	0.0
24/12/2023 9:50	3.8	279	21	6.0	0.0
24/12/2023 10:00	4.4	281	22	7.3	0.0
24/12/2023 10:10	4.2	269	19	6.2	0.0
24/12/2023 10:20	4.0	273	21	6.1	0.0
24/12/2023 10:30	4.0	276	22	6.3	0.0
24/12/2023 10:40	3.9	278	23	5.6	0.0
24/12/2023 10:50	3.9	285	26	6.6	0.0
24/12/2023 11:00	4.1	289	24	6.6	0.0
24/12/2023 11:10	4.3	279	26	6.7	0.0
24/12/2023 11:20	4.0	276	21	6.2	0.0
24/12/2023 11:30	4.3	279	23	6.5	0.0
24/12/2023 11:40	4.4	270	23	6.8	0.0
24/12/2023 11:50	4.6	268	22	6.5	0.0
24/12/2023 12:00	5.2	269	19	7.3	0.0
24/12/2023 12:10	5.2	272	20	7.3	0.0
24/12/2023 12:20	4.7	275	19	7.3	0.0
24/12/2023 12:30	5.4	274	23	8.3	0.0
24/12/2023 12:40	4.9	275	22	7.4	0.0
24/12/2023 12:50	5.4	276	19	7.9	0.0
24/12/2023 13:00	4.8	271	19	7.7	0.0
24/12/2023 13:10	4.9	273	24	8.3	0.0
24/12/2023 13:20	5.6	271	20	7.5	0.0
24/12/2023 13:30	5.8	273	18	8.8	0.0
24/12/2023 13:40	5.2	282	21	8.3	0.0
24/12/2023 13:50	5.8	272	16	8.4	0.0
24/12/2023 14:00	5.8	266	19	8.7	0.0
24/12/2023 14:10	5.2	265	26	8.3	0.0
24/12/2023 14:20	5.8	265	22	8.2	0.0
24/12/2023 14:30	5.3	269	25	7.9	0.0
24/12/2023 14:40	6.1	267	20	8.5	0.0
24/12/2023 14:50	5.2	272	28	8.3	0.0
24/12/2023 15:00	4.7	265	36	8.2	0.0
24/12/2023 15:10	5.3	271	21	8.4	0.0
24/12/2023 15:20	5.5	267	24	8.5	0.0
24/12/2023 15:30	5.7	278	20	8.8	0.0
24/12/2023 15:40	5.7	276	17	8.7	0.0
24/12/2023 15:50	5.2	270	21	7.9	0.0
24/12/2023 16:00	4.8	275	25	7.9	0.0
24/12/2023 16:10	5.4	272	22	8.3	0.0
24/12/2023 16:20	5.3	269	20	8.3	0.0
24/12/2023 16:30	4.8	274	21	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/12/2023 16:40	5.0	268	23	7.6	0.0
24/12/2023 16:50	5.1	267	23	8.3	0.0
24/12/2023 17:00	4.9	274	20	7.6	0.0
24/12/2023 17:10	4.9	271	21	7.9	0.0
24/12/2023 17:20	5.3	272	21	8.3	0.0
24/12/2023 17:30	5.0	266	28	7.5	0.0
24/12/2023 17:40	4.1	259	41	6.8	0.0
24/12/2023 17:50	3.4	269	40	6.4	0.0
24/12/2023 18:00	4.2	278	28	7.1	0.0
24/12/2023 18:10	4.3	267	28	8.5	0.0
24/12/2023 18:20	3.4	267	46	6.1	0.0
24/12/2023 18:30	3.2	239	46	6.8	0.0
24/12/2023 18:40	3.0	259	52	7.3	0.0
24/12/2023 18:50	3.3	249	38	6.3	0.0
24/12/2023 19:00	4.1	268	29	7.4	0.0
24/12/2023 19:10	3.5	271	33	6.7	0.0
24/12/2023 19:20	4.2	272	30	7.0	0.0
24/12/2023 19:30	4.0	271	29	7.4	0.0
24/12/2023 19:40	3.8	269	33	7.2	0.0
24/12/2023 19:50	3.4	272	34	6.2	0.0
24/12/2023 20:00	4.8	272	19	7.3	0.0
24/12/2023 20:10	4.2	268	30	6.8	0.0
24/12/2023 20:20	3.4	264	36	7.7	0.0
24/12/2023 20:30	3.9	264	47	7.3	0.0
24/12/2023 20:40	3.1	271	38	5.8	0.0
24/12/2023 20:50	3.5	269	40	6.7	0.0
24/12/2023 21:00	2.9	271	41	5.6	0.0
24/12/2023 21:10	3.8	267	29	6.7	0.0
24/12/2023 21:20	3.2	259	38	5.7	0.0
24/12/2023 21:30	2.8	265	35	5.6	0.0
24/12/2023 21:40	2.8	259	52	5.3	0.0
24/12/2023 21:50	3.8	252	40	7.2	0.0
24/12/2023 22:00	2.8	242	58	6.7	0.0
24/12/2023 22:10	2.2	243	73	5.8	0.0
24/12/2023 22:20	2.6	253	46	4.7	0.0
24/12/2023 22:30	2.5	245	46	4.8	0.0
24/12/2023 22:40	2.8	265	52	5.1	0.0
24/12/2023 22:50	2.5	249	41	5.2	0.0
24/12/2023 23:00	3.0	255	52	5.7	0.0
24/12/2023 23:10	2.2	258	58	4.6	0.0
24/12/2023 23:20	2.5	255	56	5.0	0.0
24/12/2023 23:30	3.0	254	48	5.2	0.0
24/12/2023 23:40	2.8	243	50	5.5	0.0
24/12/2023 23:50	2.2	259	51	5.0	0.0
25/12/2023 0:00	2.6	241	64	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 0:10	2.1	265	75	5.6	0.0
25/12/2023 0:20	2.7	254	42	4.8	0.0
25/12/2023 0:30	2.6	243	49	4.9	0.0
25/12/2023 0:40	2.1	248	59	4.9	0.0
25/12/2023 0:50	3.0	261	45	6.3	0.0
25/12/2023 1:00	1.9	222	68	3.6	0.0
25/12/2023 1:10	2.6	258	44	5.7	0.0
25/12/2023 1:20	2.7	242	34	5.0	0.0
25/12/2023 1:30	3.5	265	27	6.9	0.0
25/12/2023 1:40	2.4	264	44	4.8	0.0
25/12/2023 1:50	2.5	257	45	5.8	0.0
25/12/2023 2:00	2.1	246	46	3.6	0.0
25/12/2023 2:10	2.4	265	44	4.3	0.0
25/12/2023 2:20	2.4	242	41	5.7	0.0
25/12/2023 2:30	2.1	251	60	4.5	0.0
25/12/2023 2:40	1.6	219	73	3.6	0.0
25/12/2023 2:50	1.8	235	62	4.1	0.0
25/12/2023 3:00	1.5	220	60	3.3	0.0
25/12/2023 3:10	1.4	207	62	3.2	0.0
25/12/2023 3:20	2.5	251	30	4.9	0.0
25/12/2023 3:30	1.9	234	60	4.0	0.0
25/12/2023 3:40	1.9	240	62	3.9	0.0
25/12/2023 3:50	1.9	225	47	3.6	0.0
25/12/2023 4:00	1.4	229	55	3.3	0.0
25/12/2023 4:10	2.3	257	34	5.0	0.0
25/12/2023 4:20	1.9	254	38	3.8	0.0
25/12/2023 4:30	1.8	252	48	3.6	0.0
25/12/2023 4:40	1.7	235	50	2.9	0.0
25/12/2023 4:50	1.8	246	54	3.6	0.0
25/12/2023 5:00	1.7	254	55	3.2	0.0
25/12/2023 5:10	1.9	270	57	3.9	0.0
25/12/2023 5:20	2.0	237	61	4.7	0.0
25/12/2023 5:30	1.7	211	60	3.2	0.0
25/12/2023 5:40	1.4	217	66	2.8	0.0
25/12/2023 5:50	1.9	237	58	4.8	0.0
25/12/2023 6:00	1.5	213	62	3.0	0.0
25/12/2023 6:10	1.8	222	47	4.0	0.0
25/12/2023 6:20	1.4	230	59	2.6	0.0
25/12/2023 6:30	2.0	193	35	3.8	0.0
25/12/2023 6:40	1.8	214	64	4.0	0.0
25/12/2023 6:50	2.0	212	34	4.6	0.0
25/12/2023 7:00	2.2	235	48	4.2	0.0
25/12/2023 7:10	2.3	227	54	4.5	0.0
25/12/2023 7:20	2.5	211	46	4.3	0.0
25/12/2023 7:30	2.0	220	51	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 7:40	2.4	228	54	4.9	0.0
25/12/2023 7:50	2.6	250	47	5.0	0.0
25/12/2023 8:00	2.9	259	35	5.6	0.0
25/12/2023 8:10	2.3	255	51	4.6	0.0
25/12/2023 8:20	2.4	264	39	4.2	0.0
25/12/2023 8:30	3.3	273	34	5.9	0.0
25/12/2023 8:40	3.4	265	32	5.6	0.0
25/12/2023 8:50	3.1	258	38	5.6	0.0
25/12/2023 9:00	3.0	267	38	6.0	0.0
25/12/2023 9:10	3.5	266	30	6.0	0.0
25/12/2023 9:20	3.0	266	38	5.5	0.0
25/12/2023 9:30	3.4	266	25	5.7	0.0
25/12/2023 9:40	4.1	268	22	6.0	0.0
25/12/2023 9:50	4.1	270	29	6.5	0.0
25/12/2023 10:00	3.7	269	28	6.8	0.0
25/12/2023 10:10	4.1	276	24	6.7	0.0
25/12/2023 10:20	4.6	264	22	7.3	0.0
25/12/2023 10:30	4.8	277	21	7.2	0.0
25/12/2023 10:40	4.6	271	23	7.7	0.0
25/12/2023 10:50	5.0	274	24	7.5	0.0
25/12/2023 11:00	4.9	272	22	7.5	0.0
25/12/2023 11:10	5.0	273	22	8.1	0.0
25/12/2023 11:20	5.4	280	21	7.9	0.0
25/12/2023 11:30	5.1	277	20	9.1	0.0
25/12/2023 11:40	4.9	271	20	7.9	0.0
25/12/2023 11:50	5.0	272	23	7.5	0.0
25/12/2023 12:00	5.3	273	20	8.4	0.0
25/12/2023 12:10	5.3	273	22	8.2	0.0
25/12/2023 12:20	5.2	269	22	8.1	0.0
25/12/2023 12:30	5.1	272	21	7.6	0.0
25/12/2023 12:40	5.0	273	22	7.5	0.0
25/12/2023 12:50	5.0	274	20	8.2	0.0
25/12/2023 13:00	4.4	273	27	7.1	0.0
25/12/2023 13:10	4.3	274	24	7.0	0.0
25/12/2023 13:20	5.3	271	21	8.3	0.0
25/12/2023 13:30	4.7	271	20	7.7	0.0
25/12/2023 13:40	5.5	274	17	8.0	0.0
25/12/2023 13:50	5.5	278	19	8.2	0.0
25/12/2023 14:00	5.2	276	20	7.8	0.0
25/12/2023 14:10	5.4	271	20	8.9	0.0
25/12/2023 14:20	5.1	274	21	8.3	0.0
25/12/2023 14:30	5.4	278	19	8.3	0.0
25/12/2023 14:40	5.3	277	21	7.7	0.0
25/12/2023 14:50	5.8	272	21	9.4	0.0
25/12/2023 15:00	6.0	275	20	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 15:10	5.5	277	19	8.9	0.0
25/12/2023 15:20	5.4	278	19	7.6	0.0
25/12/2023 15:30	5.8	278	18	8.7	0.0
25/12/2023 15:40	5.2	273	24	8.3	0.0
25/12/2023 15:50	5.4	271	26	8.5	0.0
25/12/2023 16:00	5.5	270	28	9.6	0.0
25/12/2023 16:10	6.1	272	23	9.9	0.0
25/12/2023 16:20	5.7	271	24	8.4	0.0
25/12/2023 16:30	5.2	268	28	9.1	0.0
25/12/2023 16:40	6.0	272	19	9.3	0.0
25/12/2023 16:50	5.2	268	27	8.7	0.0
25/12/2023 17:00	5.1	268	24	8.8	0.0
25/12/2023 17:10	5.2	261	25	8.1	0.0
25/12/2023 17:20	5.7	278	21	8.7	0.0
25/12/2023 17:30	5.6	271	21	9.1	0.0
25/12/2023 17:40	4.6	268	30	7.9	0.0
25/12/2023 17:50	5.1	269	33	8.9	0.0
25/12/2023 18:00	4.3	271	34	7.5	0.0
25/12/2023 18:10	4.4	268	42	8.1	0.0
25/12/2023 18:20	5.2	270	24	8.1	0.0
25/12/2023 18:30	4.0	252	43	7.9	0.0
25/12/2023 18:40	4.3	265	45	7.9	0.0
25/12/2023 18:50	4.1	271	30	7.0	0.0
25/12/2023 19:00	3.6	254	44	6.8	0.0
25/12/2023 19:10	2.9	256	52	5.9	0.0
25/12/2023 19:20	4.0	262	44	7.2	0.0
25/12/2023 19:30	3.4	266	36	5.6	0.0
25/12/2023 19:40	2.3	275	55	5.3	0.0
25/12/2023 19:50	3.7	263	42	8.3	0.0
25/12/2023 20:00	3.3	253	55	7.0	0.0
25/12/2023 20:10	3.1	256	57	6.8	0.0
25/12/2023 20:20	3.6	257	44	7.4	0.0
25/12/2023 20:30	3.6	244	41	6.7	0.0
25/12/2023 20:40	2.9	234	59	5.6	0.0
25/12/2023 20:50	2.7	242	42	4.8	0.0
25/12/2023 21:00	3.4	243	40	5.9	0.0
25/12/2023 21:10	3.5	255	32	7.2	0.0
25/12/2023 21:20	3.4	260	35	6.3	0.0
25/12/2023 21:30	2.5	238	61	5.1	0.0
25/12/2023 21:40	2.3	258	58	4.7	0.0
25/12/2023 21:50	2.7	258	43	6.2	0.0
25/12/2023 22:00	2.3	252	67	5.1	0.0
25/12/2023 22:10	2.6	239	56	5.3	0.0
25/12/2023 22:20	2.8	250	45	6.0	0.0
25/12/2023 22:30	2.8	253	36	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/12/2023 22:40	3.1	258	38	5.3	0.0
25/12/2023 22:50	3.1	260	38	5.8	0.0
25/12/2023 23:00	2.5	245	52	5.2	0.0
25/12/2023 23:10	2.8	255	44	4.9	0.0
25/12/2023 23:20	2.4	225	52	5.3	0.0
25/12/2023 23:30	2.7	251	39	4.9	0.0
25/12/2023 23:40	3.1	249	37	6.8	0.0
25/12/2023 23:50	2.5	217	55	5.3	0.0
26/12/2023 0:00	3.1	245	53	6.2	0.0
26/12/2023 0:10	2.1	200	71	4.9	0.0
26/12/2023 0:20	2.2	246	64	4.4	0.0
26/12/2023 0:30	2.0	226	73	4.4	0.0
26/12/2023 0:40	2.0	218	59	4.0	0.0
26/12/2023 0:50	3.4	253	39	5.7	0.0
26/12/2023 1:00	2.5	255	60	4.5	0.0
26/12/2023 1:10	2.6	248	61	5.6	0.0
26/12/2023 1:20	1.9	245	61	4.2	0.0
26/12/2023 1:30	2.7	250	47	5.3	0.0
26/12/2023 1:40	2.9	248	43	5.7	0.0
26/12/2023 1:50	2.7	250	45	6.2	0.0
26/12/2023 2:00	2.2	255	60	4.9	0.0
26/12/2023 2:10	2.6	247	42	5.9	0.0
26/12/2023 2:20	2.1	234	55	3.9	0.0
26/12/2023 2:30	2.4	245	59	5.1	0.0
26/12/2023 2:40	2.2	253	50	4.6	0.0
26/12/2023 2:50	2.6	264	40	5.0	0.0
26/12/2023 3:00	2.5	237	50	4.5	0.0
26/12/2023 3:10	2.1	247	51	4.3	0.0
26/12/2023 3:20	2.0	231	57	3.9	0.0
26/12/2023 3:30	1.9	246	56	4.0	0.0
26/12/2023 3:40	1.9	224	53	3.6	0.0
26/12/2023 3:50	1.9	244	50	4.0	0.0
26/12/2023 4:00	1.6	268	67	3.9	0.0
26/12/2023 4:10	2.1	224	66	4.5	0.0
26/12/2023 4:20	2.5	253	51	4.6	0.0
26/12/2023 4:30	2.2	265	50	4.8	0.0
26/12/2023 4:40	2.0	265	44	4.0	0.0
26/12/2023 4:50	2.3	252	50	4.4	0.0
26/12/2023 5:00	1.7	246	66	4.2	0.0
26/12/2023 5:10	2.3	249	41	4.4	0.0
26/12/2023 5:20	2.2	243	39	4.1	0.0
26/12/2023 5:30	2.5	253	35	4.6	0.0
26/12/2023 5:40	2.1	244	52	4.3	0.0
26/12/2023 5:50	2.0	240	53	4.0	0.0
26/12/2023 6:00	2.6	238	41	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 6:10	2.3	232	52	5.3	0.0
26/12/2023 6:20	2.4	224	43	5.2	0.0
26/12/2023 6:30	2.6	233	44	5.1	0.0
26/12/2023 6:40	2.6	214	45	5.3	0.0
26/12/2023 6:50	2.5	230	51	5.4	0.0
26/12/2023 7:00	2.3	226	52	4.2	0.0
26/12/2023 7:10	2.7	223	44	5.5	0.0
26/12/2023 7:20	2.7	217	42	5.3	0.0
26/12/2023 7:30	3.0	217	40	5.5	0.0
26/12/2023 7:40	2.4	234	65	5.2	0.0
26/12/2023 7:50	2.4	227	64	5.4	0.0
26/12/2023 8:00	2.4	221	52	4.7	0.0
26/12/2023 8:10	3.2	216	42	5.8	0.0
26/12/2023 8:20	3.1	204	40	5.4	0.0
26/12/2023 8:30	3.6	213	31	6.1	0.0
26/12/2023 8:40	3.5	215	31	5.6	0.0
26/12/2023 8:50	2.9	235	39	5.0	0.0
26/12/2023 9:00	2.9	239	48	5.7	0.0
26/12/2023 9:10	3.1	243	38	5.3	0.0
26/12/2023 9:20	3.2	217	38	5.7	0.0
26/12/2023 9:30	3.6	216	37	7.2	0.0
26/12/2023 9:40	3.3	217	35	5.6	0.0
26/12/2023 9:50	3.7	219	38	6.2	0.0
26/12/2023 10:00	3.3	218	44	6.4	0.0
26/12/2023 10:10	3.5	208	36	5.5	0.0
26/12/2023 10:20	3.6	217	36	6.8	0.0
26/12/2023 10:30	3.9	220	32	7.2	0.0
26/12/2023 10:40	3.9	221	34	7.1	0.0
26/12/2023 10:50	3.4	228	41	6.2	0.0
26/12/2023 11:00	2.8	221	45	5.9	0.0
26/12/2023 11:10	3.1	269	46	5.7	0.0
26/12/2023 11:20	4.1	264	30	6.8	0.0
26/12/2023 11:30	4.9	272	23	8.1	0.0
26/12/2023 11:40	4.9	268	19	7.1	0.0
26/12/2023 11:50	4.8	269	25	7.5	0.0
26/12/2023 12:00	4.9	272	21	8.0	0.0
26/12/2023 12:10	4.5	267	25	6.7	0.0
26/12/2023 12:20	4.7	270	21	7.3	0.0
26/12/2023 12:30	4.9	273	22	8.0	0.0
26/12/2023 12:40	4.6	275	22	7.6	0.0
26/12/2023 12:50	5.2	270	25	8.0	0.0
26/12/2023 13:00	4.9	266	22	7.7	0.0
26/12/2023 13:10	5.0	270	22	8.1	0.0
26/12/2023 13:20	4.8	269	26	8.5	0.0
26/12/2023 13:30	4.4	270	28	8.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 13:40	4.3	265	27	7.9	0.0
26/12/2023 13:50	5.2	266	28	8.8	0.0
26/12/2023 14:00	4.0	264	48	8.1	0.0
26/12/2023 14:10	3.8	251	44	7.6	0.0
26/12/2023 14:20	3.8	271	35	7.4	0.0
26/12/2023 14:30	3.8	261	36	6.9	0.0
26/12/2023 14:40	4.6	270	36	8.5	0.0
26/12/2023 14:50	4.5	256	37	7.6	0.0
26/12/2023 15:00	4.4	259	36	7.9	0.0
26/12/2023 15:10	3.8	262	40	6.6	0.0
26/12/2023 15:20	4.3	260	37	8.0	0.0
26/12/2023 15:30	4.1	263	40	7.3	0.0
26/12/2023 15:40	4.3	263	40	8.4	0.0
26/12/2023 15:50	4.0	262	39	7.9	0.0
26/12/2023 16:00	3.7	262	42	8.3	0.0
26/12/2023 16:10	5.1	263	31	8.6	0.0
26/12/2023 16:20	5.0	270	30	9.3	0.0
26/12/2023 16:30	4.6	263	41	9.0	0.0
26/12/2023 16:40	4.3	255	42	7.7	0.0
26/12/2023 16:50	5.3	272	27	8.6	0.0
26/12/2023 17:00	4.2	258	31	8.2	0.0
26/12/2023 17:10	4.2	267	43	7.8	0.0
26/12/2023 17:20	3.6	262	33	7.1	0.0
26/12/2023 17:30	4.1	270	39	7.5	0.0
26/12/2023 17:40	4.5	263	31	7.5	0.0
26/12/2023 17:50	3.7	271	30	6.4	0.0
26/12/2023 18:00	4.1	264	33	6.8	0.0
26/12/2023 18:10	4.2	262	29	7.2	0.0
26/12/2023 18:20	3.7	265	46	6.8	0.0
26/12/2023 18:30	3.3	250	45	6.0	0.0
26/12/2023 18:40	3.4	260	39	6.2	0.0
26/12/2023 18:50					0.0
26/12/2023 19:00					0.0
26/12/2023 19:10					0.0
26/12/2023 19:20					0.0
26/12/2023 19:30					0.0
26/12/2023 19:40					0.0
26/12/2023 19:50					0.0
26/12/2023 20:00					0.0
26/12/2023 20:10					0.0
26/12/2023 20:20					0.0
26/12/2023 20:30					0.0
26/12/2023 20:40					0.0
26/12/2023 20:50					0.0
26/12/2023 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/12/2023 21:10					0.0
26/12/2023 21:20	2.9	257	38	5.9	0.0
26/12/2023 21:30	2.6	252	46	4.8	0.0
26/12/2023 21:40	2.8	242	54	5.6	0.0
26/12/2023 21:50	2.9	256	38	5.8	0.0
26/12/2023 22:00	3.0	257	40	5.9	0.0
26/12/2023 22:10	2.5	262	48	4.8	0.0
26/12/2023 22:20	2.8	247	43	5.6	0.0
26/12/2023 22:30	2.3	263	58	5.1	0.0
26/12/2023 22:40	2.5	252	56	4.8	0.0
26/12/2023 22:50	1.9	238	60	4.4	0.0
26/12/2023 23:00	2.4	272	41	4.8	0.0
26/12/2023 23:10	2.3	255	43	5.3	0.0
26/12/2023 23:20	2.3	250	59	5.2	0.0
26/12/2023 23:30	2.3	261	51	4.2	0.0
26/12/2023 23:40	2.1	253	51	4.4	0.0
26/12/2023 23:50	2.3	251	43	5.5	0.0
27/12/2023 0:00	2.7	244	45	4.9	0.0
27/12/2023 0:10	2.3	246	61	6.6	0.0
27/12/2023 0:20	2.2	227	54	5.2	0.0
27/12/2023 0:30	2.1	250	44	4.4	0.0
27/12/2023 0:40	2.7	248	43	4.5	0.0
27/12/2023 0:50	2.5	243	46	5.6	0.0
27/12/2023 1:00	2.6	272	36	5.1	0.0
27/12/2023 1:10	2.6	261	44	5.1	0.0
27/12/2023 1:20	2.2	267	45	4.4	0.0
27/12/2023 1:30	2.1	234	45	4.1	0.0
27/12/2023 1:40	2.5	253	41	5.3	0.0
27/12/2023 1:50	1.6	248	61	3.6	0.0
27/12/2023 2:00	2.2	231	54	4.3	0.0
27/12/2023 2:10	1.7	231	69	5.2	0.0
27/12/2023 2:20	2.0	241	50	4.3	0.0
27/12/2023 2:30	2.6	241	47	4.9	0.0
27/12/2023 2:40	1.6	232	62	3.9	0.0
27/12/2023 2:50	1.7	235	62	3.8	0.0
27/12/2023 3:00	1.5	232	72	3.5	0.0
27/12/2023 3:10	2.0	259	48	4.4	0.0
27/12/2023 3:20	2.6	248	41	4.3	0.0
27/12/2023 3:30	2.4	247	35	4.5	0.0
27/12/2023 3:40	2.4	249	31	5.0	0.0
27/12/2023 3:50	1.9	233	40	4.3	0.0
27/12/2023 4:00	1.6	246	49	3.4	0.0
27/12/2023 4:10	1.6	259	65	2.9	0.0
27/12/2023 4:20	1.7	271	41	3.9	0.0
27/12/2023 4:30	2.1	262	32	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 4:40	1.9	231	50	4.6	0.0
27/12/2023 4:50	1.6	229	61	3.6	0.0
27/12/2023 5:00	1.6	220	50	3.4	0.0
27/12/2023 5:10	1.9	261	32	3.4	0.0
27/12/2023 5:20	2.1	254	37	4.1	0.0
27/12/2023 5:30	2.2	246	38	4.1	0.0
27/12/2023 5:40	1.8	246	50	3.7	0.0
27/12/2023 5:50	1.9	250	31	3.3	0.0
27/12/2023 6:00	2.5	241	39	5.4	0.0
27/12/2023 6:10	2.2	254	36	4.4	0.0
27/12/2023 6:20	1.7	270	48	3.2	0.0
27/12/2023 6:30	1.6	209	70	4.1	0.0
27/12/2023 6:40	1.8	209	56	4.9	0.0
27/12/2023 6:50	2.4	217	44	5.1	0.0
27/12/2023 7:00	2.5	222	35	5.2	0.0
27/12/2023 7:10	2.5	220	34	6.1	0.0
27/12/2023 7:20	3.0	218	36	5.1	0.0
27/12/2023 7:30	3.1	233	37	5.7	0.0
27/12/2023 7:40	2.8	211	41	5.8	0.0
27/12/2023 7:50	3.0	206	28	4.9	0.0
27/12/2023 8:00	3.8	218	27	6.5	0.0
27/12/2023 8:10	3.5	215	28	6.2	0.0
27/12/2023 8:20	3.2	227	33	6.0	0.0
27/12/2023 8:30	3.5	233	32	6.2	0.0
27/12/2023 8:40	2.5	233	42	6.3	0.0
27/12/2023 8:50	2.9	234	33	5.3	0.0
27/12/2023 9:00	1.9	223	49	3.8	0.0
27/12/2023 9:10	2.8	229	42	5.2	0.0
27/12/2023 9:20	2.7	238	48	4.8	0.0
27/12/2023 9:30	2.7	237	39	4.7	0.0
27/12/2023 9:40	2.8	222	39	5.0	0.0
27/12/2023 9:50	3.2	215	35	5.9	0.0
27/12/2023 10:00	2.8	211	35	5.6	0.0
27/12/2023 10:10	2.9	211	44	5.5	0.0
27/12/2023 10:20	2.9	230	36	4.7	0.0
27/12/2023 10:30	2.4	256	26	5.2	0.0
27/12/2023 10:40	2.9	272	20	5.9	0.0
27/12/2023 10:50	3.4	274	23	5.5	0.0
27/12/2023 11:00	4.1	285	21	5.9	0.0
27/12/2023 11:10	4.2	281	23	6.6	0.0
27/12/2023 11:20	4.5	283	22	7.0	0.0
27/12/2023 11:30	4.4	282	21	7.2	0.0
27/12/2023 11:40	4.8	289	20	8.0	0.0
27/12/2023 11:50	4.7	291	23	7.5	0.0
27/12/2023 12:00	5.4	301	22	7.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 12:10	4.7	290	24	7.5	0.0
27/12/2023 12:20	4.6	283	23	7.3	0.0
27/12/2023 12:30	5.1	284	24	7.4	0.0
27/12/2023 12:40	5.3	281	23	8.3	0.0
27/12/2023 12:50	4.7	277	24	8.1	0.0
27/12/2023 13:00	5.2	274	21	7.6	0.0
27/12/2023 13:10	5.5	278	19	7.8	0.0
27/12/2023 13:20	4.8	272	25	7.7	0.0
27/12/2023 13:30	4.9	278	19	7.3	0.0
27/12/2023 13:40	5.0	278	20	7.9	0.0
27/12/2023 13:50	4.8	281	26	7.5	0.0
27/12/2023 14:00	5.0	271	21	7.2	0.0
27/12/2023 14:10	5.3	276	19	8.0	0.0
27/12/2023 14:20	5.4	278	21	7.7	0.0
27/12/2023 14:30	4.8	274	24	7.6	0.0
27/12/2023 14:40	5.1	279	22	8.0	0.0
27/12/2023 14:50	5.5	268	20	8.7	0.0
27/12/2023 15:00	4.9	272	23	7.7	0.0
27/12/2023 15:10	5.4	277	21	8.3	0.0
27/12/2023 15:20	5.0	275	20	8.0	0.0
27/12/2023 15:30	5.4	270	21	8.5	0.0
27/12/2023 15:40	4.8	267	31	7.9	0.0
27/12/2023 15:50	5.3	270	23	7.9	0.0
27/12/2023 16:00	4.5	269	34	7.9	0.0
27/12/2023 16:10	3.7	256	41	6.6	0.0
27/12/2023 16:20	5.1	265	30	8.5	0.0
27/12/2023 16:30	3.9	252	40	6.9	0.0
27/12/2023 16:40	3.9	266	43	6.8	0.0
27/12/2023 16:50	4.0	257	45	7.2	0.0
27/12/2023 17:00	4.4	267	33	7.1	0.0
27/12/2023 17:10	3.8	262	33	6.7	0.0
27/12/2023 17:20	3.6	264	36	6.1	0.0
27/12/2023 17:30	3.2	254	49	6.1	0.0
27/12/2023 17:40	3.7	273	32	6.5	0.0
27/12/2023 17:50	3.5	265	40	7.2	0.0
27/12/2023 18:00	3.6	258	33	7.5	0.0
27/12/2023 18:10	3.0	259	35	5.9	0.0
27/12/2023 18:20	3.8	268	29	6.4	0.0
27/12/2023 18:30	3.9	269	31	6.6	0.0
27/12/2023 18:40	3.8	272	29	6.5	0.0
27/12/2023 18:50	3.8	263	25	7.1	0.0
27/12/2023 19:00	3.4	270	28	6.5	0.0
27/12/2023 19:10	3.9	264	24	6.7	0.0
27/12/2023 19:20	3.4	275	25	5.6	0.0
27/12/2023 19:30	3.3	268	30	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/12/2023 19:40	3.4	267	22	5.6	0.0
27/12/2023 19:50	3.5	268	24	5.5	0.0
27/12/2023 20:00	3.7	275	21	6.0	0.0
27/12/2023 20:10	3.4	275	29	5.7	0.0
27/12/2023 20:20	3.6	272	22	5.8	0.0
27/12/2023 20:30	3.2	267	32	6.0	0.0
27/12/2023 20:40	3.6	277	26	5.8	0.0
27/12/2023 20:50	3.6	277	26	6.2	0.0
27/12/2023 21:00	4.1	266	31	6.8	0.0
27/12/2023 21:10	3.2	266	39	6.6	0.0
27/12/2023 21:20	2.8	260	36	5.0	0.0
27/12/2023 21:30	3.6	269	25	6.5	0.0
27/12/2023 21:40	3.2	269	31	5.6	0.0
27/12/2023 21:50	2.7	260	46	5.2	0.0
27/12/2023 22:00	3.2	261	28	6.0	0.0
27/12/2023 22:10	3.8	261	29	6.6	0.0
27/12/2023 22:20	2.8	265	30	6.2	0.0
27/12/2023 22:30	2.4	251	44	5.2	0.0
27/12/2023 22:40	2.3	259	36	4.6	0.0
27/12/2023 22:50	2.9	261	33	5.5	0.0
27/12/2023 23:00	2.0	251	50	4.9	0.0
27/12/2023 23:10	2.2	266	37	5.1	0.0
27/12/2023 23:20	2.6	272	40	5.4	0.0
27/12/2023 23:30	2.7	264	31	5.2	0.0
27/12/2023 23:40	2.3	259	39	4.4	0.0
27/12/2023 23:50	2.5	277	44	5.3	0.0
28/12/2023 0:00	2.6	272	38	5.2	0.0
28/12/2023 0:10	2.2	269	47	4.7	0.0
28/12/2023 0:20	2.3	265	44	4.6	0.0
28/12/2023 0:30	1.9	262	53	4.5	0.0
28/12/2023 0:40	2.1	259	46	3.7	0.0
28/12/2023 0:50	2.5	274	42	4.1	0.0
28/12/2023 1:00	2.0	268	43	3.6	0.0
28/12/2023 1:10	2.0	261	42	4.4	0.0
28/12/2023 1:20	1.4	272	55	3.0	0.0
28/12/2023 1:30	1.7	264	57	3.8	0.0
28/12/2023 1:40	1.3	258	49	3.5	0.0
28/12/2023 1:50	1.8	234	51	4.1	0.0
28/12/2023 2:00	1.3	232	57	3.2	0.0
28/12/2023 2:10	2.2	242	43	4.4	0.0
28/12/2023 2:20	1.5	238	60	3.4	0.0
28/12/2023 2:30	2.0	270	35	2.9	0.0
28/12/2023 2:40	2.0	266	37	3.7	0.0
28/12/2023 2:50	2.0	264	38	3.6	0.0
28/12/2023 3:00	2.8	264	19	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 3:10	2.3	268	20	3.7	0.0
28/12/2023 3:20	2.2	279	28	4.0	0.0
28/12/2023 3:30	1.6	270	46	4.1	0.0
28/12/2023 3:40	2.3	264	27	3.6	0.0
28/12/2023 3:50	1.7	267	27	3.6	0.0
28/12/2023 4:00	1.8	262	40	3.4	0.0
28/12/2023 4:10	1.4	246	75	3.5	0.0
28/12/2023 4:20	1.7	252	42	5.0	0.0
28/12/2023 4:30	2.1	243	42	4.0	0.0
28/12/2023 4:40	2.5	256	32	4.9	0.0
28/12/2023 4:50	2.0	265	31	3.0	0.0
28/12/2023 5:00	1.7	258	35	3.8	0.0
28/12/2023 5:10	1.7	254	36	3.4	0.0
28/12/2023 5:20	2.5	268	21	4.3	0.0
28/12/2023 5:30	2.0	272	33	3.6	0.0
28/12/2023 5:40	1.5	284	27	2.8	0.0
28/12/2023 5:50	1.8	275	18	2.5	0.0
28/12/2023 6:00	2.0	279	13	3.0	0.0
28/12/2023 6:10	1.9	280	18	2.9	0.0
28/12/2023 6:20	2.0	274	22	3.5	0.0
28/12/2023 6:30	1.5	273	48	3.1	0.0
28/12/2023 6:40	2.0	266	30	4.1	0.0
28/12/2023 6:50	1.8	257	36	3.3	0.0
28/12/2023 7:00	2.5	266	29	4.2	0.0
28/12/2023 7:10	1.8	259	52	3.6	0.0
28/12/2023 7:20	2.2	261	34	4.2	0.0
28/12/2023 7:30	2.2	241	42	4.4	0.0
28/12/2023 7:40	2.2	242	45	4.8	0.0
28/12/2023 7:50	2.4	238	39	4.8	0.0
28/12/2023 8:00	1.8	238	47	4.6	0.0
28/12/2023 8:10	1.8	251	38	4.0	0.0
28/12/2023 8:20	1.5	227	61	3.3	0.0
28/12/2023 8:30	1.9	211	40	3.6	0.0
28/12/2023 8:40	2.4	256	31	4.0	0.0
28/12/2023 8:50	2.5	256	28	4.0	0.0
28/12/2023 9:00	2.2	258	29	4.0	0.0
28/12/2023 9:10	2.4	260	33	4.4	0.0
28/12/2023 9:20	2.7	259	32	5.2	0.0
28/12/2023 9:30	3.2	269	23	4.8	0.0
28/12/2023 9:40	3.4	268	20	5.2	0.0
28/12/2023 9:50	3.3	271	21	5.5	0.0
28/12/2023 10:00	3.3	272	21	5.4	0.0
28/12/2023 10:10	3.8	275	17	5.6	0.0
28/12/2023 10:20	3.9	275	20	6.0	0.0
28/12/2023 10:30	3.4	276	20	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 10:40	3.7	278	25	5.9	0.0
28/12/2023 10:50	3.8	274	21	5.8	0.0
28/12/2023 11:00	3.8	274	22	5.7	0.0
28/12/2023 11:10	3.9	282	20	6.0	0.0
28/12/2023 11:20	4.2	283	22	6.2	0.0
28/12/2023 11:30	4.2	295	25	6.0	0.0
28/12/2023 11:40	4.5	294	22	6.8	0.0
28/12/2023 11:50	4.1	288	24	6.0	0.0
28/12/2023 12:00	4.0	278	24	7.0	0.0
28/12/2023 12:10	4.1	281	17	6.0	0.0
28/12/2023 12:20	4.1	291	22	6.0	0.0
28/12/2023 12:30	4.3	292	23	6.7	0.0
28/12/2023 12:40	4.1	280	26	6.6	0.0
28/12/2023 12:50	4.1	280	21	6.4	0.0
28/12/2023 13:00	4.0	279	21	5.8	0.0
28/12/2023 13:10	4.5	284	24	7.2	0.0
28/12/2023 13:20	4.6	282	21	7.1	0.0
28/12/2023 13:30	4.7	272	21	7.1	0.0
28/12/2023 13:40	4.7	279	23	7.5	0.0
28/12/2023 13:50	4.6	282	19	7.3	0.0
28/12/2023 14:00	4.8	280	19	7.4	0.0
28/12/2023 14:10	4.5	278	19	7.5	0.0
28/12/2023 14:20	4.6	275	18	7.2	0.0
28/12/2023 14:30	4.8	277	18	7.0	0.0
28/12/2023 14:40	4.6	274	20	6.9	0.0
28/12/2023 14:50	4.9	275	18	7.1	0.0
28/12/2023 15:00	4.4	272	22	7.0	0.0
28/12/2023 15:10	4.3	282	21	6.4	0.0
28/12/2023 15:20	4.7	283	19	7.3	0.0
28/12/2023 15:30	4.3	273	23	7.2	0.0
28/12/2023 15:40	4.0	274	24	6.8	0.0
28/12/2023 15:50	3.8	274	20	6.4	0.0
28/12/2023 16:00	3.8	267	33	6.3	0.0
28/12/2023 16:10	3.6	263	31	5.8	0.0
28/12/2023 16:20	3.7	257	27	6.8	0.0
28/12/2023 16:30	4.3	269	30	7.3	0.0
28/12/2023 16:40	3.7	263	40	6.3	0.0
28/12/2023 16:50	4.0	259	30	7.4	0.0
28/12/2023 17:00	4.1	267	28	6.4	0.0
28/12/2023 17:10	4.4	272	26	7.0	0.0
28/12/2023 17:20	3.9	275	27	7.4	0.0
28/12/2023 17:30	4.2	277	19	6.6	0.0
28/12/2023 17:40	4.4	276	21	6.3	0.0
28/12/2023 17:50	3.7	276	27	6.0	0.0
28/12/2023 18:00	3.3	271	24	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/12/2023 18:10	3.1	266	29	6.0	0.0
28/12/2023 18:20	3.3	274	30	6.1	0.0
28/12/2023 18:30	3.9	272	22	6.2	0.0
28/12/2023 18:40	3.5	270	32	6.3	0.0
28/12/2023 18:50	2.8	262	42	6.2	0.0
28/12/2023 19:00	3.7	270	30	5.6	0.0
28/12/2023 19:10	2.8	269	47	5.6	0.0
28/12/2023 19:20	3.3	271	31	5.4	0.0
28/12/2023 19:30	2.6	275	35	5.0	0.0
28/12/2023 19:40	2.9	252	44	6.1	0.0
28/12/2023 19:50	3.5	254	25	6.9	0.0
28/12/2023 20:00	2.7	258	44	5.2	0.0
28/12/2023 20:10	2.7	260	48	5.6	0.0
28/12/2023 20:20	2.2	248	50	5.2	0.0
28/12/2023 20:30	2.8	256	37	5.4	0.0
28/12/2023 20:40	3.6	269	27	5.5	0.0
28/12/2023 20:50	3.0	263	30	5.7	0.0
28/12/2023 21:00	2.7	254	41	4.4	0.0
28/12/2023 21:10	2.4	248	42	4.4	0.0
28/12/2023 21:20	2.6	255	44	5.2	0.0
28/12/2023 21:30	2.7	261	46	5.1	0.0
28/12/2023 21:40	2.4	253	53	5.1	0.0
28/12/2023 21:50	2.7	253	46	5.2	0.0
28/12/2023 22:00	2.2	244	53	5.0	0.0
28/12/2023 22:10	3.0	249	39	5.5	0.0
28/12/2023 22:20	3.4	251	31	5.7	0.0
28/12/2023 22:30	2.3	252	48	4.8	0.0
28/12/2023 22:40	2.0	241	65	4.9	0.0
28/12/2023 22:50	2.4	259	43	4.5	0.0
28/12/2023 23:00	2.6	259	35	5.5	0.0
28/12/2023 23:10	2.6	261	38	4.5	0.0
28/12/2023 23:20	2.1	250	50	4.2	0.0
28/12/2023 23:30	2.2	257	38	4.6	0.0
28/12/2023 23:40	3.4	258	28	5.5	0.0
28/12/2023 23:50	2.4	258	45	4.7	0.0
29/12/2023 0:00	2.6	269	40	5.3	0.0
29/12/2023 0:10	2.2	263	59	4.5	0.0
29/12/2023 0:20	2.3	246	36	4.7	0.0
29/12/2023 0:30	2.9	253	27	5.0	0.0
29/12/2023 0:40	2.1	251	62	4.1	0.0
29/12/2023 0:50	2.0	240	41	4.1	0.0
29/12/2023 1:00	2.2	255	32	4.6	0.0
29/12/2023 1:10	1.9	271	39	3.8	0.0
29/12/2023 1:20	2.0	250	54	4.0	0.0
29/12/2023 1:30	1.6	225	60	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 1:40	2.2	259	37	4.0	0.0
29/12/2023 1:50	1.6	260	47	3.5	0.0
29/12/2023 2:00	2.0	251	42	4.2	0.0
29/12/2023 2:10	1.8	255	42	3.7	0.0
29/12/2023 2:20	1.9	268	34	3.4	0.0
29/12/2023 2:30	2.5	264	37	4.2	0.0
29/12/2023 2:40	2.3	259	30	3.7	0.0
29/12/2023 2:50	2.6	261	20	4.0	0.0
29/12/2023 3:00	2.2	259	28	3.9	0.0
29/12/2023 3:10	1.9	272	34	3.5	0.0
29/12/2023 3:20	1.7	259	42	3.4	0.0
29/12/2023 3:30	2.0	257	31	3.6	0.0
29/12/2023 3:40	1.5	251	50	3.5	0.0
29/12/2023 3:50	1.6	242	68	3.4	0.0
29/12/2023 4:00	1.5	243	43	3.6	0.0
29/12/2023 4:10	1.9	251	28	3.6	0.0
29/12/2023 4:20	2.1	257	33	4.5	0.0
29/12/2023 4:30	2.5	264	29	4.0	0.0
29/12/2023 4:40	1.0	245	47	2.5	0.0
29/12/2023 4:50	2.0	269	22	3.6	0.0
29/12/2023 5:00	2.8	262	20	4.6	0.0
29/12/2023 5:10	2.7	267	19	4.3	0.0
29/12/2023 5:20	2.4	274	21	3.7	0.0
29/12/2023 5:30	2.5	275	17	4.0	0.0
29/12/2023 5:40	2.0	263	46	3.2	0.0
29/12/2023 5:50	2.4	262	30	5.2	0.0
29/12/2023 6:00	1.9	248	41	4.4	0.0
29/12/2023 6:10	1.1	233	45	2.6	0.0
29/12/2023 6:20	1.7	254	36	3.4	0.0
29/12/2023 6:30	2.1	259	36	4.4	0.0
29/12/2023 6:40	2.6	265	24	4.4	0.0
29/12/2023 6:50	2.4	252	32	4.8	0.0
29/12/2023 7:00	2.7	254	33	4.7	0.0
29/12/2023 7:10	2.3	247	35	4.1	0.0
29/12/2023 7:20	2.8	259	30	4.5	0.0
29/12/2023 7:30	2.9	254	26	4.2	0.0
29/12/2023 7:40	3.0	256	23	5.0	0.0
29/12/2023 7:50	2.8	259	22	5.2	0.0
29/12/2023 8:00	2.9	260	22	4.3	0.0
29/12/2023 8:10	2.6	261	22	3.9	0.0
29/12/2023 8:20	3.5	265	17	5.3	0.0
29/12/2023 8:30	3.3	269	18	4.9	0.0
29/12/2023 8:40	3.1	264	19	4.8	0.0
29/12/2023 8:50	2.5	261	20	4.0	0.0
29/12/2023 9:00	2.2	256	32	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 9:10	2.1	248	36	3.5	0.0
29/12/2023 9:20	2.5	253	35	4.2	0.0
29/12/2023 9:30	2.9	273	21	4.5	0.0
29/12/2023 9:40	3.3	278	18	5.0	0.0
29/12/2023 9:50	3.0	281	27	5.2	0.0
29/12/2023 10:00	3.8	289	21	6.0	0.0
29/12/2023 10:10	3.8	271	19	5.5	0.0
29/12/2023 10:20	3.6	268	22	5.6	0.0
29/12/2023 10:30	3.5	278	23	5.2	0.0
29/12/2023 10:40	3.6	278	18	5.4	0.0
29/12/2023 10:50	3.4	285	27	5.2	0.0
29/12/2023 11:00	4.0	273	20	6.0	0.0
29/12/2023 11:10	3.7	279	23	5.5	0.0
29/12/2023 11:20	3.7	282	24	6.1	0.0
29/12/2023 11:30	4.3	271	20	6.5	0.0
29/12/2023 11:40	4.5	272	16	6.2	0.0
29/12/2023 11:50	4.1	268	20	6.0	0.0
29/12/2023 12:00	4.4	272	19	6.8	0.0
29/12/2023 12:10	4.4	273	18	6.0	0.0
29/12/2023 12:20	4.4	268	20	6.4	0.0
29/12/2023 12:30	4.3	277	20	6.4	0.0
29/12/2023 12:40	4.4	265	20	7.0	0.0
29/12/2023 12:50	3.9	269	22	6.4	0.0
29/12/2023 13:00	3.9	275	26	6.1	0.0
29/12/2023 13:10	3.5	273	25	6.1	0.0
29/12/2023 13:20	3.9	268	28	6.2	0.0
29/12/2023 13:30	3.7	264	31	6.2	0.0
29/12/2023 13:40	4.2	274	21	6.4	0.0
29/12/2023 13:50	4.2	278	24	6.8	0.0
29/12/2023 14:00	4.7	273	18	6.7	0.0
29/12/2023 14:10	4.1	275	26	6.2	0.0
29/12/2023 14:20	4.2	275	21	7.0	0.0
29/12/2023 14:30	4.4	269	27	7.3	0.0
29/12/2023 14:40	4.8	270	19	7.5	0.0
29/12/2023 14:50	4.3	275	20	7.2	0.0
29/12/2023 15:00	4.4	282	19	7.3	0.0
29/12/2023 15:10	4.4	274	20	7.1	0.0
29/12/2023 15:20	4.6	275	20	7.8	0.0
29/12/2023 15:30	4.6	276	20	7.8	0.0
29/12/2023 15:40	4.8	273	24	7.0	0.0
29/12/2023 15:50	5.0	274	21	7.3	0.0
29/12/2023 16:00	4.7	274	20	6.9	0.0
29/12/2023 16:10	4.6	268	22	6.8	0.0
29/12/2023 16:20	4.9	276	20	7.0	0.0
29/12/2023 16:30	4.3	276	17	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/12/2023 16:40	4.5	275	17	6.3	0.0
29/12/2023 16:50	4.1	271	23	6.8	0.0
29/12/2023 17:00	4.4	270	19	6.4	0.0
29/12/2023 17:10	4.6	269	16	6.7	0.0
29/12/2023 17:20	4.5	277	16	6.2	0.0
29/12/2023 17:30	4.5	272	16	6.4	0.0
29/12/2023 17:40	3.9	271	18	6.0	0.0
29/12/2023 17:50	4.6	273	17	7.5	0.0
29/12/2023 18:00	4.6	270	19	7.2	0.0
29/12/2023 18:10	4.7	270	17	6.7	0.0
29/12/2023 18:20	4.4	274	21	6.8	0.0
29/12/2023 18:30	3.9	276	19	6.2	0.0
29/12/2023 18:40	4.1	275	19	6.7	0.0
29/12/2023 18:50	4.1	272	23	6.5	0.0
29/12/2023 19:00	4.1	268	23	6.4	0.0
29/12/2023 19:10	4.1	262	24	6.4	0.0
29/12/2023 19:20	3.9	266	29	6.6	0.0
29/12/2023 19:30	4.1	267	22	7.0	0.0
29/12/2023 19:40	4.1	269	19	6.4	0.0
29/12/2023 19:50	4.4	267	21	6.8	0.0
29/12/2023 20:00	4.0	268	18	6.8	0.0
29/12/2023 20:10	3.7	270	27	6.3	0.0
29/12/2023 20:20	3.8	272	24	5.8	0.0
29/12/2023 20:30	3.0	275	26	5.1	0.0
29/12/2023 20:40	4.3	271	21	6.4	0.0
29/12/2023 20:50	4.4	275	22	6.6	0.0
29/12/2023 21:00	4.1	270	21	6.4	0.0
29/12/2023 21:10	3.4	273	22	5.6	0.0
29/12/2023 21:20	3.7	276	26	5.2	0.0
29/12/2023 21:30	3.2	272	33	6.4	0.0
29/12/2023 21:40	2.5	260	41	5.6	0.0
29/12/2023 21:50	3.5	273	25	5.6	0.0
29/12/2023 22:00	3.2	269	36	5.7	0.0
29/12/2023 22:10	2.5	253	59	5.3	0.0
29/12/2023 22:20	3.3	268	39	6.6	0.0
29/12/2023 22:30	3.2	272	35	6.3	0.0
29/12/2023 22:40	2.8	261	45	5.2	0.0
29/12/2023 22:50	2.4	261	53	4.4	0.0
29/12/2023 23:00	2.9	266	34	6.0	0.0
29/12/2023 23:10	3.0	267	35	5.6	0.0
29/12/2023 23:20	2.6	248	51	5.6	0.0
29/12/2023 23:30	2.9	263	35	5.6	0.0
29/12/2023 23:40	2.9	263	53	5.3	0.0
29/12/2023 23:50	2.5	239	48	4.9	0.0
30/12/2023 0:00	2.6	236	43	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 0:10	2.5	265	44	4.7	0.0
30/12/2023 0:20	2.1	258	50	3.8	0.0
30/12/2023 0:30	2.0	246	48	4.0	0.0
30/12/2023 0:40	2.1	253	51	4.4	0.0
30/12/2023 0:50	2.6	253	34	4.8	0.0
30/12/2023 1:00	2.1	262	49	4.5	0.0
30/12/2023 1:10	2.0	257	40	4.3	0.0
30/12/2023 1:20	1.9	242	49	3.7	0.0
30/12/2023 1:30	1.9	237	63	4.0	0.0
30/12/2023 1:40	2.3	261	29	4.2	0.0
30/12/2023 1:50	2.5	247	35	4.1	0.0
30/12/2023 2:00	2.6	260	28	4.6	0.0
30/12/2023 2:10	2.2	255	38	4.4	0.0
30/12/2023 2:20	2.4	265	28	4.5	0.0
30/12/2023 2:30	2.2	252	32	4.8	0.0
30/12/2023 2:40	2.6	266	26	4.0	0.0
30/12/2023 2:50	2.3	263	34	3.7	0.0
30/12/2023 3:00	2.2	255	39	4.0	0.0
30/12/2023 3:10	1.8	268	38	3.8	0.0
30/12/2023 3:20	1.9	262	38	3.6	0.0
30/12/2023 3:30	2.2	269	34	3.6	0.0
30/12/2023 3:40	1.6	237	54	3.5	0.0
30/12/2023 3:50	2.0	253	34	4.4	0.0
30/12/2023 4:00	2.5	255	25	4.4	0.0
30/12/2023 4:10	2.5	264	26	4.2	0.0
30/12/2023 4:20	2.5	256	27	4.4	0.0
30/12/2023 4:30	1.7	268	38	3.6	0.0
30/12/2023 4:40	1.2	259	59	3.3	0.0
30/12/2023 4:50	1.3	286	58	3.6	0.0
30/12/2023 5:00	1.5	247	56	3.1	0.0
30/12/2023 5:10	1.3	210	67	2.9	0.0
30/12/2023 5:20	1.6	251	55	2.7	0.0
30/12/2023 5:30	1.7	245	56	3.6	0.0
30/12/2023 5:40	2.3	288	17	3.6	0.0
30/12/2023 5:50	2.5	280	15	3.9	0.0
30/12/2023 6:00	2.7	276	14	3.7	0.0
30/12/2023 6:10	2.2	278	13	3.3	0.0
30/12/2023 6:20	1.7	282	20	2.7	0.0
30/12/2023 6:30	1.9	284	16	2.9	0.0
30/12/2023 6:40	1.9	282	19	2.9	0.0
30/12/2023 6:50	2.6	275	14	4.0	0.0
30/12/2023 7:00	2.3	267	23	3.7	0.0
30/12/2023 7:10	2.2	266	26	4.2	0.0
30/12/2023 7:20	2.0	225	37	3.4	0.0
30/12/2023 7:30	1.9	256	38	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 7:40	2.6	272	19	3.9	0.0
30/12/2023 7:50	2.4	265	22	3.7	0.0
30/12/2023 8:00	2.7	267	16	4.0	0.0
30/12/2023 8:10	1.8	261	40	2.8	0.0
30/12/2023 8:20	2.1	272	18	3.0	0.0
30/12/2023 8:30	2.2	273	20	3.1	0.0
30/12/2023 8:40	2.4	284	24	3.6	0.0
30/12/2023 8:50	2.4	300	22	3.7	0.0
30/12/2023 9:00	2.6	293	23	4.2	0.0
30/12/2023 9:10	2.4	274	24	3.5	0.0
30/12/2023 9:20	2.5	274	20	3.6	0.0
30/12/2023 9:30	2.3	278	22	3.5	0.0
30/12/2023 9:40	2.4	267	20	3.6	0.0
30/12/2023 9:50	2.5	260	28	4.1	0.0
30/12/2023 10:00	2.2	279	21	3.9	0.0
30/12/2023 10:10	2.9	270	21	4.4	0.0
30/12/2023 10:20	3.1	263	17	4.3	0.0
30/12/2023 10:30	2.8	260	26	4.4	0.0
30/12/2023 10:40	2.9	271	23	4.6	0.0
30/12/2023 10:50	3.2	267	20	4.4	0.0
30/12/2023 11:00	3.2	264	20	5.1	0.0
30/12/2023 11:10	3.2	265	24	4.9	0.0
30/12/2023 11:20	3.7	267	22	5.6	0.0
30/12/2023 11:30	3.5	266	21	4.7	0.0
30/12/2023 11:40	3.5	261	15	5.3	0.0
30/12/2023 11:50	3.6	266	17	5.2	0.0
30/12/2023 12:00	3.7	265	16	5.2	0.0
30/12/2023 12:10	3.5	262	19	5.6	0.0
30/12/2023 12:20	3.5	271	17	5.2	0.0
30/12/2023 12:30	3.3	262	29	5.5	0.0
30/12/2023 12:40	4.2	277	21	6.4	0.0
30/12/2023 12:50	4.2	282	20	6.4	0.0
30/12/2023 13:00	3.7	273	21	5.5	0.0
30/12/2023 13:10	4.2	263	29	7.2	0.0
30/12/2023 13:20	4.7	277	21	7.4	0.0
30/12/2023 13:30	4.2	277	20	6.3	0.0
30/12/2023 13:40	4.1	278	20	6.4	0.0
30/12/2023 13:50	4.6	272	22	7.1	0.0
30/12/2023 14:00	4.7	269	26	7.3	0.0
30/12/2023 14:10	4.6	274	22	7.6	0.0
30/12/2023 14:20	4.9	273	22	7.3	0.0
30/12/2023 14:30	4.5	273	23	6.8	0.0
30/12/2023 14:40	5.1	276	18	7.5	0.0
30/12/2023 14:50	4.8	275	21	7.4	0.0
30/12/2023 15:00	4.9	278	23	7.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 15:10	4.8	277	24	7.2	0.0
30/12/2023 15:20	4.6	280	22	7.0	0.0
30/12/2023 15:30	5.5	279	23	7.8	0.0
30/12/2023 15:40	4.8	278	19	7.8	0.0
30/12/2023 15:50	5.1	281	19	7.6	0.0
30/12/2023 16:00	4.9	280	19	7.9	0.0
30/12/2023 16:10	5.1	282	19	8.1	0.0
30/12/2023 16:20	5.2	281	20	7.5	0.0
30/12/2023 16:30	4.3	287	25	7.1	0.0
30/12/2023 16:40	4.6	296	24	6.8	0.0
30/12/2023 16:50	4.4	284	21	6.9	0.0
30/12/2023 17:00	4.6	277	23	8.2	0.0
30/12/2023 17:10	4.4	285	18	7.3	0.0
30/12/2023 17:20	4.3	276	18	7.2	0.0
30/12/2023 17:30	4.3	279	21	6.7	0.0
30/12/2023 17:40	4.1	271	32	6.9	0.0
30/12/2023 17:50	4.2	265	29	7.8	0.0
30/12/2023 18:00	3.7	256	38	6.6	0.0
30/12/2023 18:10	2.5	246	64	5.4	0.0
30/12/2023 18:20	3.7	259	50	7.6	0.0
30/12/2023 18:30	3.6	273	49	7.3	0.0
30/12/2023 18:40	3.2	253	45	6.2	0.0
30/12/2023 18:50	3.1	267	46	5.6	0.0
30/12/2023 19:00	3.2	260	45	6.2	0.0
30/12/2023 19:10	3.0	247	39	5.5	0.0
30/12/2023 19:20	3.5	263	31	6.4	0.0
30/12/2023 19:30	3.0	277	45	5.8	0.0
30/12/2023 19:40	3.6	269	32	5.5	0.0
30/12/2023 19:50	3.4	259	31	5.8	0.0
30/12/2023 20:00	3.2	260	33	5.6	0.0
30/12/2023 20:10	2.8	253	40	4.9	0.0
30/12/2023 20:20	3.7	265	25	6.6	0.0
30/12/2023 20:30	2.9	244	46	6.1	0.0
30/12/2023 20:40	2.7	252	53	5.5	0.0
30/12/2023 20:50	3.2	262	35	6.0	0.0
30/12/2023 21:00	3.4	263	34	6.6	0.0
30/12/2023 21:10	3.3	262	36	6.1	0.0
30/12/2023 21:20	3.9	263	32	6.8	0.0
30/12/2023 21:30	3.0	264	48	5.4	0.0
30/12/2023 21:40	2.9	250	51	6.3	0.0
30/12/2023 21:50	2.5	244	51	5.3	0.0
30/12/2023 22:00	2.9	270	51	6.2	0.0
30/12/2023 22:10	2.4	254	47	5.8	0.0
30/12/2023 22:20	3.3	266	34	5.9	0.0
30/12/2023 22:30	3.0	274	45	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/12/2023 22:40	3.0	264	34	5.4	0.0
30/12/2023 22:50	2.9	267	38	6.0	0.0
30/12/2023 23:00	3.0	265	42	6.3	0.0
30/12/2023 23:10	2.0	259	73	3.7	0.0
30/12/2023 23:20	1.9	236	69	4.4	0.0
30/12/2023 23:30	2.8	270	39	5.1	0.0
30/12/2023 23:40	2.5	262	36	5.1	0.0
30/12/2023 23:50	2.6	265	28	5.1	0.0
31/12/2023 0:00	2.5	260	38	4.4	0.0
31/12/2023 0:10	2.2	262	43	5.2	0.0
31/12/2023 0:20	1.6	278	83	3.1	0.0
31/12/2023 0:30	1.7	261	67	4.3	0.0
31/12/2023 0:40	1.6	270	68	3.7	0.0
31/12/2023 0:50	1.9	275	70	5.3	0.0
31/12/2023 1:00	2.2	265	45	4.5	0.0
31/12/2023 1:10	1.8	252	55	3.3	0.0
31/12/2023 1:20	2.0	248	50	3.9	0.0
31/12/2023 1:30	1.3	234	66	2.4	0.0
31/12/2023 1:40	2.0	276	36	3.7	0.0
31/12/2023 1:50	1.3	271	46	2.8	0.0
31/12/2023 2:00	1.1	266	48	2.8	0.0
31/12/2023 2:10	1.6	274	36	3.0	0.0
31/12/2023 2:20	1.1	259	60	2.8	0.0
31/12/2023 2:30	1.4	273	45	2.9	0.0
31/12/2023 2:40	0.4	271	27	1.8	0.0
31/12/2023 2:50	0.9	277	85	2.3	0.0
31/12/2023 3:00	1.2	186	79	2.9	0.0
31/12/2023 3:10	0.8	242	62	2.8	0.0
31/12/2023 3:20	0.8	201	54	2.3	0.0
31/12/2023 3:30	0.8	234	48	2.4	0.0
31/12/2023 3:40	0.9	238	69	2.6	0.0
31/12/2023 3:50	1.6	239	33	3.6	0.0
31/12/2023 4:00	1.4	237	53	2.7	0.0
31/12/2023 4:10	0.4	234	23	1.7	0.0
31/12/2023 4:20	0.4	206	35	2.1	0.0
31/12/2023 4:30	1.1	209	35	2.8	0.0
31/12/2023 4:40	1.0	221	30	3.1	0.0
31/12/2023 4:50	0.7	224	29	3.2	0.0
31/12/2023 5:00	0.5	254	39	2.0	0.0
31/12/2023 5:10	0.1	245	24	0.9	0.0
31/12/2023 5:20	0.2	234	17	1.4	0.0
31/12/2023 5:30	0.5	210	39	1.8	0.0
31/12/2023 5:40	0.2	205	14	1.6	0.0
31/12/2023 5:50	1.0	217	41	2.4	0.0
31/12/2023 6:00	0.8	191	48	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 6:10	1.1	192	43	2.8	0.0
31/12/2023 6:20	1.4	207	41	3.2	0.0
31/12/2023 6:30	1.3	249	28	3.1	0.0
31/12/2023 6:40	1.1	200	40	2.8	0.0
31/12/2023 6:50	2.2	206	33	4.2	0.0
31/12/2023 7:00	2.3	212	29	4.0	0.0
31/12/2023 7:10	2.2	223	43	3.7	0.0
31/12/2023 7:20	2.0	234	37	3.4	0.0
31/12/2023 7:30	2.1	229	31	4.4	0.0
31/12/2023 7:40	2.5	238	25	4.0	0.0
31/12/2023 7:50	2.4	246	25	4.0	0.0
31/12/2023 8:00	2.1	242	31	4.0	0.0
31/12/2023 8:10	2.7	248	25	4.8	0.0
31/12/2023 8:20	2.7	253	24	4.0	0.0
31/12/2023 8:30	2.4	242	32	4.2	0.0
31/12/2023 8:40	2.1	224	34	4.6	0.0
31/12/2023 8:50	2.3	233	41	4.4	0.0
31/12/2023 9:00	2.5	231	30	4.4	0.0
31/12/2023 9:10	2.3	234	33	4.1	0.0
31/12/2023 9:20	2.3	246	30	4.4	0.0
31/12/2023 9:30	2.5	225	28	4.3	0.0
31/12/2023 9:40	2.4	215	28	4.1	0.0
31/12/2023 9:50	2.7	214	28	4.2	0.0
31/12/2023 10:00	2.6	231	43	4.5	0.0
31/12/2023 10:10	2.5	275	21	3.7	0.0
31/12/2023 10:20	2.8	282	18	4.6	0.0
31/12/2023 10:30	3.5	282	16	4.9	0.0
31/12/2023 10:40	3.9	289	19	5.6	0.0
31/12/2023 10:50	3.8	285	18	5.6	0.0
31/12/2023 11:00	3.7	284	21	6.2	0.0
31/12/2023 11:10	4.0	286	19	5.7	0.0
31/12/2023 11:20	4.0	281	19	5.6	0.0
31/12/2023 11:30	3.9	287	21	5.8	0.0
31/12/2023 11:40	4.4	286	20	6.7	0.0
31/12/2023 11:50	4.6	280	22	7.1	0.0
31/12/2023 12:00	4.5	277	19	7.2	0.0
31/12/2023 12:10	4.4	278	20	6.5	0.0
31/12/2023 12:20	4.5	288	20	7.3	0.0
31/12/2023 12:30	4.7	279	20	7.4	0.0
31/12/2023 12:40	4.5	280	22	6.7	0.0
31/12/2023 12:50	4.6	283	17	6.5	0.0
31/12/2023 13:00	4.4	280	20	7.4	0.0
31/12/2023 13:10	4.9	279	18	7.3	0.0
31/12/2023 13:20	5.0	276	18	7.7	0.0
31/12/2023 13:30	4.0	260	27	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 13:40	4.7	276	19	7.0	0.0
31/12/2023 13:50	5.4	272	21	8.0	0.0
31/12/2023 14:00	4.2	270	24	6.9	0.0
31/12/2023 14:10	4.1	274	27	6.4	0.0
31/12/2023 14:20	4.6	269	20	6.8	0.0
31/12/2023 14:30	4.2	264	37	7.6	0.0
31/12/2023 14:40	3.5	264	35	6.8	0.0
31/12/2023 14:50	4.4	271	32	7.2	0.0
31/12/2023 15:00	4.1	270	23	6.8	0.0
31/12/2023 15:10	4.2	270	27	6.4	0.0
31/12/2023 15:20	4.0	270	21	6.7	0.0
31/12/2023 15:30	3.7	262	34	6.6	0.0
31/12/2023 15:40	3.7	261	26	6.8	0.0
31/12/2023 15:50	3.6	267	38	7.0	0.0
31/12/2023 16:00	4.4	273	25	7.9	0.0
31/12/2023 16:10	3.8	267	32	7.4	0.0
31/12/2023 16:20	4.2	275	31	8.1	0.0
31/12/2023 16:30	3.9	273	33	7.1	0.0
31/12/2023 16:40	3.2	263	37	6.0	0.0
31/12/2023 16:50	3.0	261	46	6.0	0.0
31/12/2023 17:00	3.6	272	31	5.8	0.0
31/12/2023 17:10	4.4	255	29	7.9	0.0
31/12/2023 17:20	3.4	254	44	6.4	0.0
31/12/2023 17:30	3.5	260	35	5.7	0.0
31/12/2023 17:40	3.5	269	34	6.8	0.0
31/12/2023 17:50	3.7	265	31	6.8	0.0
31/12/2023 18:00	3.1	264	41	6.0	0.0
31/12/2023 18:10	3.6	269	30	6.4	0.0
31/12/2023 18:20	4.1	257	28	7.4	0.0
31/12/2023 18:30	3.5	251	32	6.2	0.0
31/12/2023 18:40	3.8	257	27	7.5	0.0
31/12/2023 18:50	3.6	261	35	6.8	0.0
31/12/2023 19:00	3.6	261	32	6.4	0.0
31/12/2023 19:10	2.8	260	55	6.2	0.0
31/12/2023 19:20	3.1	254	50	6.0	0.0
31/12/2023 19:30	2.8	246	54	4.8	0.0
31/12/2023 19:40	2.9	257	40	5.4	0.0
31/12/2023 19:50	3.1	270	42	5.6	0.0
31/12/2023 20:00	3.1	266	35	5.2	0.0
31/12/2023 20:10	2.9	268	32	5.2	0.0
31/12/2023 20:20	2.3	269	41	4.8	0.0
31/12/2023 20:30	2.4	257	39	4.6	0.0
31/12/2023 20:40	2.9	265	32	5.6	0.0
31/12/2023 20:50	2.6	261	42	5.1	0.0
31/12/2023 21:00	2.7	262	40	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/12/2023 21:10	2.8	272	32	4.9	0.0
31/12/2023 21:20	2.7	271	32	4.8	0.0
31/12/2023 21:30	2.1	275	42	4.1	0.0
31/12/2023 21:40	2.5	267	31	4.3	0.0
31/12/2023 21:50	2.1	271	42	4.0	0.0
31/12/2023 22:00	2.2	270	34	4.0	0.0
31/12/2023 22:10	2.2	270	34	3.6	0.0
31/12/2023 22:20	2.2	273	37	5.1	0.0
31/12/2023 22:30	1.7	261	54	4.0	0.0
31/12/2023 22:40	1.8	280	43	3.5	0.0
31/12/2023 22:50	1.9	276	37	3.0	0.0
31/12/2023 23:00	1.3	278	51	2.8	0.0
31/12/2023 23:10	1.2	298	30	2.0	0.0
31/12/2023 23:20	1.3	293	42	2.3	0.0
31/12/2023 23:30	1.1	305	28	2.0	0.0
31/12/2023 23:40	1.4	300	22	2.6	0.0
31/12/2023 23:50	1.4	291	28	2.3	0.0
1/01/2024 0:00	1.5	288	29	2.4	0.0
1/01/2024 0:10	1.6	294	22	2.5	0.0
1/01/2024 0:20	1.3	291	27	2.4	0.0
1/01/2024 0:30	0.8	328	25	1.6	0.0
1/01/2024 0:40	1.5	306	17	2.5	0.0
1/01/2024 0:50	1.2	303	23	2.0	0.0
1/01/2024 1:00	1.2	291	24	2.2	0.0
1/01/2024 1:10	1.3	298	20	2.0	0.0
1/01/2024 1:20	0.8	294	16	1.9	0.0
1/01/2024 1:30	0.9	304	9	1.6	0.0
1/01/2024 1:40	1.9	306	11	2.5	0.0
1/01/2024 1:50	1.7	299	14	2.1	0.0
1/01/2024 2:00	1.2	292	19	1.9	0.0
1/01/2024 2:10	0.7	293	28	1.6	0.0
1/01/2024 2:20	0.7	281	21	1.4	0.0
1/01/2024 2:30	1.5	280	14	2.3	0.0
1/01/2024 2:40	1.3	277	13	2.1	0.0
1/01/2024 2:50	1.3	276	16	2.4	0.0
1/01/2024 3:00	0.6	290	15	1.7	0.0
1/01/2024 3:10	1.5	281	10	2.2	0.0
1/01/2024 3:20	1.8	279	15	2.5	0.0
1/01/2024 3:30	2.2	274	9	2.8	0.0
1/01/2024 3:40	2.0	275	9	2.6	0.0
1/01/2024 3:50	1.5	275	14	2.4	0.0
1/01/2024 4:00	1.6	265	17	2.8	0.0
1/01/2024 4:10	1.5	276	16	2.4	0.0
1/01/2024 4:20	2.0	283	7	2.6	0.0
1/01/2024 4:30	1.5	260	23	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/01/2024 4:40	0.9	249	20	3.6	0.0
1/01/2024 4:50	0.4	257	23	2.7	0.0
1/01/2024 5:00	0.3	199	8	2.7	0.0
1/01/2024 5:10	0.3	248	7	1.8	0.0
1/01/2024 5:20	0.3	247	12	2.0	0.0
1/01/2024 5:30	0.0	228	4	1.3	0.0
1/01/2024 5:40	0.3	238	17	2.0	0.0
1/01/2024 5:50	0.0	250	8	0.4	0.0
1/01/2024 6:00	0.0	165	5	0.8	0.0
1/01/2024 6:10	0.0	249	10	0.4	0.0
1/01/2024 6:20	0.1	251	13	1.2	0.0
1/01/2024 6:30	0.1	241	8	1.6	0.0
1/01/2024 6:40	0.3	253	10	3.3	0.0
1/01/2024 6:50	0.1	241	7	1.6	0.0
1/01/2024 7:00	0.2	243	10	2.0	0.0
1/01/2024 7:10	0.1	233	8	1.5	0.0
1/01/2024 7:20	0.4	268	8	1.8	0.0
1/01/2024 7:30	0.0	237	1	0.8	0.0
1/01/2024 7:40	1.2	250	22	3.8	0.0
1/01/2024 7:50	0.1	202	2	1.2	0.0
1/01/2024 8:00	0.4	203	14	2.8	0.0
1/01/2024 8:10	1.9	206	18	4.2	0.0
1/01/2024 8:20	1.3	200	14	3.4	0.0
1/01/2024 8:30	2.6	204	13	4.4	0.0
1/01/2024 8:40	2.1	204	16	3.5	0.0
1/01/2024 8:50	2.2	195	25	3.3	0.0
1/01/2024 9:00	1.4	153	20	2.9	0.0
1/01/2024 9:10	2.1	105	15	3.2	0.0
1/01/2024 9:20	2.5	98	16	3.6	0.0
1/01/2024 9:30	3.0	78	15	4.1	0.0
1/01/2024 9:40	2.2	53	17	3.2	0.0
1/01/2024 9:50	2.1	54	12	2.8	0.0
1/01/2024 10:00	2.6	60	13	3.3	0.0
1/01/2024 10:10	3.0	66	12	4.3	0.0
1/01/2024 10:20	2.8	63	12	3.8	0.0
1/01/2024 10:30	3.2	63	11	4.3	0.0
1/01/2024 10:40	3.3	56	13	4.8	0.0
1/01/2024 10:50	3.8	64	11	4.8	0.0
1/01/2024 11:00	4.1	61	12	6.0	0.0
1/01/2024 11:10	3.7	56	15	5.1	0.0
1/01/2024 11:20	4.0	62	14	5.5	0.0
1/01/2024 11:30	4.1	51	14	5.7	0.0
1/01/2024 11:40	3.8	60	14	5.2	0.0
1/01/2024 11:50	3.8	66	16	5.7	0.0
1/01/2024 12:00	3.3	68	17	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/01/2024 12:10	4.6	59	17	6.8	0.0
1/01/2024 12:20	3.0	193	26	4.7	0.0
1/01/2024 12:30	4.2	40	35	6.8	0.0
1/01/2024 12:40	3.3	36	21	4.6	0.0
1/01/2024 12:50	4.6	46	16	6.8	0.0
1/01/2024 13:00	4.2	183	19	6.2	0.0
1/01/2024 13:10	3.9	332	15	6.0	0.0
1/01/2024 13:20	5.1	344	15	6.7	0.0
1/01/2024 13:30	4.6	331	17	6.4	0.0
1/01/2024 13:40	4.4	333	17	6.4	0.0
1/01/2024 13:50	5.1	333	15	7.0	0.0
1/01/2024 14:00	4.1	320	19	6.0	0.0
1/01/2024 14:10	4.4	328	17	6.8	0.0
1/01/2024 14:20	4.3	327	20	6.0	0.0
1/01/2024 14:30	5.1	336	18	7.6	0.0
1/01/2024 14:40	4.7	337	18	6.5	0.0
1/01/2024 14:50	4.9	329	16	7.7	0.0
1/01/2024 15:00	5.6	337	18	7.9	0.0
1/01/2024 15:10	5.5	337	11	7.2	0.0
1/01/2024 15:20	4.8	323	16	6.6	0.0
1/01/2024 15:30	4.4	328	16	5.9	0.0
1/01/2024 15:40	4.5	324	16	6.3	0.0
1/01/2024 15:50	5.0	323	14	6.8	0.0
1/01/2024 16:00	4.5	324	13	6.4	0.0
1/01/2024 16:10	4.0	310	22	6.0	0.0
1/01/2024 16:20	4.0	292	25	5.8	0.0
1/01/2024 16:30	3.4	298	24	5.6	0.0
1/01/2024 16:40	4.3	294	17	6.5	0.0
1/01/2024 16:50	3.6	278	21	5.7	0.0
1/01/2024 17:00	4.4	266	18	6.6	0.0
1/01/2024 17:10	3.8	268	27	6.0	0.0
1/01/2024 17:20	4.5	265	26	7.5	0.0
1/01/2024 17:30	4.5	267	24	7.1	0.0
1/01/2024 17:40	4.5	269	21	7.0	0.0
1/01/2024 17:50	4.3	269	20	6.4	0.0
1/01/2024 18:00	4.4	274	19	6.3	0.0
1/01/2024 18:10	4.3	276	20	6.4	0.0
1/01/2024 18:20	4.1	278	22	6.5	0.0
1/01/2024 18:30	3.7	276	17	5.5	0.0
1/01/2024 18:40	3.5	278	19	5.2	0.0
1/01/2024 18:50	3.6	273	23	5.8	0.0
1/01/2024 19:00	2.4	261	48	5.1	0.0
1/01/2024 19:10	2.4	265	41	4.4	0.0
1/01/2024 19:20	3.1	270	31	4.8	0.0
1/01/2024 19:30	3.3	268	21	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/01/2024 19:40	3.5	274	20	5.2	0.0
1/01/2024 19:50	3.1	278	20	4.9	0.0
1/01/2024 20:00	3.0	279	21	5.0	0.0
1/01/2024 20:10	3.1	269	24	5.2	0.0
1/01/2024 20:20	3.0	270	32	6.4	0.0
1/01/2024 20:30	3.4	267	26	7.2	0.0
1/01/2024 20:40	2.8	256	39	5.3	0.0
1/01/2024 20:50	2.6	273	33	5.2	0.0
1/01/2024 21:00	2.7	264	41	5.8	0.0
1/01/2024 21:10	3.0	270	39	6.2	0.0
1/01/2024 21:20	2.9	262	37	6.3	0.0
1/01/2024 21:30	2.9	261	32	5.2	0.0
1/01/2024 21:40	2.5	265	36	4.8	0.0
1/01/2024 21:50	2.7	255	37	6.0	0.0
1/01/2024 22:00	2.9	268	42	5.6	0.0
1/01/2024 22:10	3.3	259	35	7.1	0.0
1/01/2024 22:20	3.1	255	38	6.0	0.0
1/01/2024 22:30	3.1	257	30	5.9	0.0
1/01/2024 22:40	3.1	262	39	5.6	0.0
1/01/2024 22:50	2.4	240	59	5.6	0.0
1/01/2024 23:00	2.2	225	45	4.4	0.0
1/01/2024 23:10	2.5	248	50	5.6	0.0
1/01/2024 23:20	2.6	249	37	5.6	0.0
1/01/2024 23:30	2.6	256	39	5.3	0.0
1/01/2024 23:40	3.4	262	34	6.6	0.0
1/01/2024 23:50	2.6	274	32	4.8	0.0
2/01/2024 0:00	2.6	268	37	5.4	0.0
2/01/2024 0:10	3.2	270	27	6.0	0.0
2/01/2024 0:20	3.0	269	41	5.6	0.0
2/01/2024 0:30	2.4	253	53	4.4	0.0
2/01/2024 0:40	2.3	249	53	4.9	0.0
2/01/2024 0:50	3.1	263	30	5.9	0.0
2/01/2024 1:00	3.1	260	35	5.8	0.0
2/01/2024 1:10	2.2	261	41	5.2	0.0
2/01/2024 1:20	1.9	248	44	4.4	0.0
2/01/2024 1:30	2.5	260	43	5.5	0.0
2/01/2024 1:40	1.6	214	63	4.3	0.0
2/01/2024 1:50	1.9	213	65	3.9	0.0
2/01/2024 2:00	2.3	256	43	4.3	0.0
2/01/2024 2:10	2.1	255	51	4.3	0.0
2/01/2024 2:20	2.0	247	54	4.3	0.0
2/01/2024 2:30	2.9	266	30	5.8	0.0
2/01/2024 2:40	2.5	263	46	4.8	0.0
2/01/2024 2:50	1.4	219	75	4.0	0.0
2/01/2024 3:00	2.1	266	45	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/01/2024 3:10	1.7	230	72	3.7	0.0
2/01/2024 3:20	2.1	247	43	3.6	0.0
2/01/2024 3:30	1.8	252	52	3.6	0.0
2/01/2024 3:40	2.1	256	33	3.6	0.0
2/01/2024 3:50	2.0	254	37	3.9	0.0
2/01/2024 4:00	1.4	252	32	3.6	0.0
2/01/2024 4:10	1.4	257	47	2.9	0.0
2/01/2024 4:20	1.4	266	34	3.3	0.0
2/01/2024 4:30	1.2	247	51	2.8	0.0
2/01/2024 4:40	1.2	244	48	3.2	0.0
2/01/2024 4:50	1.5	253	54	3.2	0.0
2/01/2024 5:00	1.6	238	45	3.7	0.0
2/01/2024 5:10	1.7	272	38	3.6	0.0
2/01/2024 5:20	1.7	256	46	4.1	0.0
2/01/2024 5:30	1.9	264	48	4.4	0.0
2/01/2024 5:40	1.7	247	56	4.1	0.0
2/01/2024 5:50	1.6	269	39	3.2	0.0
2/01/2024 6:00	1.7	276	43	3.6	0.0
2/01/2024 6:10	1.5	274	39	2.9	0.0
2/01/2024 6:20	1.8	275	25	3.9	0.0
2/01/2024 6:30	2.1	274	28	3.2	0.0
2/01/2024 6:40	2.1	273	20	3.6	0.0
2/01/2024 6:50	2.4	271	22	3.6	0.0
2/01/2024 7:00	2.6	270	21	3.9	0.0
2/01/2024 7:10	2.7	266	19	4.3	0.0
2/01/2024 7:20	2.2	270	23	3.7	0.0
2/01/2024 7:30	2.4	265	24	3.9	0.0
2/01/2024 7:40	2.2	272	19	3.9	0.0
2/01/2024 7:50	2.3	274	24	3.6	0.0
2/01/2024 8:00	1.8	257	57	3.7	0.0
2/01/2024 8:10	2.2	215	37	4.0	0.0
2/01/2024 8:20	2.1	215	35	3.8	0.0
2/01/2024 8:30	2.6	229	29	4.2	0.0
2/01/2024 8:40	2.1	253	29	3.6	0.0
2/01/2024 8:50	2.3	256	29	4.0	0.0
2/01/2024 9:00	1.9	242	37	3.1	0.0
2/01/2024 9:10	2.9	286	22	4.6	0.0
2/01/2024 9:20	3.1	281	18	4.5	0.0
2/01/2024 9:30	3.1	283	25	4.8	0.0
2/01/2024 9:40	3.1	273	17	4.5	0.0
2/01/2024 9:50	3.4	270	19	5.2	0.0
2/01/2024 10:00	3.7	272	24	5.6	0.0
2/01/2024 10:10	3.5	277	21	4.8	0.0
2/01/2024 10:20	3.6	276	17	5.8	0.0
2/01/2024 10:30	4.0	279	15	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/01/2024 10:40	4.1	278	18	6.2	0.0
2/01/2024 10:50	4.0	273	19	6.0	0.0
2/01/2024 11:00	4.3	269	19	6.4	0.0
2/01/2024 11:10	3.7	270	19	5.9	0.0
2/01/2024 11:20	3.9	271	22	5.8	0.0
2/01/2024 11:30	3.7	280	23	5.6	0.0
2/01/2024 11:40	3.9	272	22	5.6	0.0
2/01/2024 11:50	3.8	273	19	5.8	0.0
2/01/2024 12:00	4.0	270	22	6.4	0.0
2/01/2024 12:10	4.1	273	26	6.3	0.0
2/01/2024 12:20	4.0	274	23	6.0	0.0
2/01/2024 12:30	4.0	266	23	5.9	0.0
2/01/2024 12:40	4.4	275	21	6.9	0.0
2/01/2024 12:50	4.4	268	24	7.2	0.0
2/01/2024 13:00	4.5	270	20	6.4	0.0
2/01/2024 13:10	4.3	270	20	6.4	0.0
2/01/2024 13:20	4.9	280	20	7.2	0.0
2/01/2024 13:30	4.9	287	21	7.5	0.0
2/01/2024 13:40	4.8	280	19	6.6	0.0
2/01/2024 13:50	5.1	273	17	7.0	0.0
2/01/2024 14:00	5.1	271	15	7.0	0.0
2/01/2024 14:10	4.0	279	21	6.6	0.0
2/01/2024 14:20	4.5	276	21	6.5	0.0
2/01/2024 14:30	4.1	277	26	6.4	0.0
2/01/2024 14:40	4.3	269	21	7.2	0.0
2/01/2024 14:50	4.8	272	17	7.2	0.0
2/01/2024 15:00	5.0	272	19	7.2	0.0
2/01/2024 15:10	4.5	266	26	7.6	0.0
2/01/2024 15:20	4.2	262	33	7.3	0.0
2/01/2024 15:30	4.2	258	29	7.1	0.0
2/01/2024 15:40	3.9	263	36	6.0	0.0
2/01/2024 15:50	4.2	266	32	7.1	0.0
2/01/2024 16:00	4.3	271	27	6.7	0.0
2/01/2024 16:10	4.3	272	20	6.7	0.0
2/01/2024 16:20	4.7	272	16	7.8	0.0
2/01/2024 16:30	4.2	275	20	6.1	0.0
2/01/2024 16:40	4.5	275	17	6.4	0.0
2/01/2024 16:50	3.9	274	20	5.8	0.0
2/01/2024 17:00	4.5	271	19	6.8	0.0
2/01/2024 17:10	4.4	273	17	6.8	0.0
2/01/2024 17:20	4.4	281	18	6.8	0.0
2/01/2024 17:30	4.6	282	20	6.8	0.0
2/01/2024 17:40	4.7	278	17	6.9	0.0
2/01/2024 17:50	3.7	286	24	6.4	0.0
2/01/2024 18:00	4.2	291	24	6.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/01/2024 18:10	4.0	297	22	6.2	0.0
2/01/2024 18:20	3.9	288	23	6.4	0.0
2/01/2024 18:30	3.8	275	21	6.1	0.0
2/01/2024 18:40	4.1	278	19	6.8	0.0
2/01/2024 18:50	4.1	276	21	6.4	0.0
2/01/2024 19:00	4.0	271	21	6.3	0.0
2/01/2024 19:10	4.2	268	22	7.2	0.0
2/01/2024 19:20	4.0	265	23	6.5	0.0
2/01/2024 19:30	4.3	278	18	6.4	0.0
2/01/2024 19:40	4.2	261	27	6.8	0.0
2/01/2024 19:50	4.5	262	33	7.3	0.0
2/01/2024 20:00	4.6	261	30	7.6	0.0
2/01/2024 20:10	4.8	264	26	7.7	0.0
2/01/2024 20:20	4.7	268	19	7.5	0.0
2/01/2024 20:30	4.4	267	21	6.8	0.0
2/01/2024 20:40	4.6	265	22	7.0	0.0
2/01/2024 20:50	4.6	262	19	7.0	0.0
2/01/2024 21:00	3.9	267	23	6.8	0.0
2/01/2024 21:10	4.2	278	20	7.2	0.0
2/01/2024 21:20	3.7	277	25	6.5	0.0
2/01/2024 21:30	3.8	275	23	6.2	0.0
2/01/2024 21:40	4.4	279	22	7.1	0.0
2/01/2024 21:50	4.8	282	18	7.1	0.0
2/01/2024 22:00	4.5	280	19	7.1	0.0
2/01/2024 22:10	4.1	283	22	6.7	0.0
2/01/2024 22:20	3.8	279	26	6.8	0.0
2/01/2024 22:30	3.9	279	22	6.2	0.0
2/01/2024 22:40	4.4	280	26	7.5	0.0
2/01/2024 22:50	3.6	280	23	6.1	0.0
2/01/2024 23:00	4.2	271	25	6.7	0.0
2/01/2024 23:10	4.0	275	24	6.4	0.0
2/01/2024 23:20	3.6	263	30	6.0	0.0
2/01/2024 23:30	4.1	259	29	7.0	0.0
2/01/2024 23:40	4.4	261	26	6.8	0.0
2/01/2024 23:50	3.9	267	27	7.1	0.0
3/01/2024 0:00	4.0	263	32	6.8	0.0
3/01/2024 0:10	4.1	258	33	6.5	0.0
3/01/2024 0:20	4.4	267	21	6.7	0.0
3/01/2024 0:30	4.3	266	22	6.9	0.0
3/01/2024 0:40	4.2	269	22	6.2	0.0
3/01/2024 0:50	4.0	267	24	5.8	0.0
3/01/2024 1:00	4.3	266	23	6.7	0.0
3/01/2024 1:10	3.9	267	24	6.0	0.0
3/01/2024 1:20	3.8	273	21	6.0	0.0
3/01/2024 1:30	3.7	273	31	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/01/2024 1:40	3.7	272	23	5.8	0.0
3/01/2024 1:50	3.8	274	23	5.9	0.0
3/01/2024 2:00	3.4	275	24	5.5	0.0
3/01/2024 2:10	3.0	280	22	5.2	0.0
3/01/2024 2:20	3.1	276	25	4.9	0.0
3/01/2024 2:30	3.2	283	21	5.2	0.0
3/01/2024 2:40	3.0	282	21	4.4	0.0
3/01/2024 2:50	3.1	284	20	5.2	0.0
3/01/2024 3:00	3.1	283	18	5.0	0.0
3/01/2024 3:10	2.8	275	23	4.8	0.0
3/01/2024 3:20	3.0	274	22	4.8	0.0
3/01/2024 3:30	3.0	277	20	5.0	0.0
3/01/2024 3:40	3.0	270	22	5.0	0.0
3/01/2024 3:50	3.0	268	26	4.1	0.0
3/01/2024 4:00	3.2	267	28	5.5	0.0
3/01/2024 4:10	2.6	268	44	4.9	0.0
3/01/2024 4:20	1.8	244	72	4.0	0.0
3/01/2024 4:30	2.3	274	54	4.4	0.0
3/01/2024 4:40	3.1	273	27	5.2	0.0
3/01/2024 4:50	2.9	276	30	5.0	0.0
3/01/2024 5:00	2.9	274	21	4.4	0.0
3/01/2024 5:10	2.4	266	25	4.1	0.0
3/01/2024 5:20	2.8	267	24	4.9	0.0
3/01/2024 5:30	2.5	272	31	4.2	0.0
3/01/2024 5:40	2.0	265	35	3.5	0.0
3/01/2024 5:50	1.4	191	62	2.7	0.0
3/01/2024 6:00	1.8	273	49	4.0	0.0
3/01/2024 6:10	2.5	272	32	4.2	0.0
3/01/2024 6:20	2.3	235	39	4.2	0.0
3/01/2024 6:30	2.3	250	38	4.0	0.0
3/01/2024 6:40	2.3	275	29	4.1	0.0
3/01/2024 6:50	1.9	263	53	4.4	0.0
3/01/2024 7:00	3.0	264	34	4.8	0.0
3/01/2024 7:10	2.4	268	44	4.7	0.0
3/01/2024 7:20	2.3	240	54	5.3	0.0
3/01/2024 7:30	3.1	276	33	6.5	0.0
3/01/2024 7:40	3.7	275	27	6.0	0.0
3/01/2024 7:50	3.3	272	24	5.8	0.0
3/01/2024 8:00	4.0	273	26	6.8	0.0
3/01/2024 8:10	3.6	265	30	6.4	0.0
3/01/2024 8:20	3.8	265	24	6.3	0.0
3/01/2024 8:30	3.1	257	39	5.9	0.0
3/01/2024 8:40	3.7	256	33	6.6	0.0
3/01/2024 8:50	3.5	261	31	6.4	0.0
3/01/2024 9:00	3.9	265	26	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/01/2024 9:10	4.4	272	25	6.7	0.0
3/01/2024 9:20	4.3	272	21	6.9	0.0
3/01/2024 9:30	4.4	270	22	6.7	0.0
3/01/2024 9:40	4.5	271	19	7.2	0.0
3/01/2024 9:50	4.4	271	23	7.0	0.0
3/01/2024 10:00	4.6	275	24	7.6	0.0
3/01/2024 10:10	5.2	273	17	7.5	0.0
3/01/2024 10:20	5.1	275	20	7.9	0.0
3/01/2024 10:30	4.6	269	21	7.3	0.0
3/01/2024 10:40	5.0	267	23	7.7	0.0
3/01/2024 10:50	4.9	271	21	7.4	0.0
3/01/2024 11:00	5.1	274	18	7.5	0.0
3/01/2024 11:10	5.1	271	19	7.6	0.0
3/01/2024 11:20	4.8	277	18	7.1	0.0
3/01/2024 11:30	4.8	273	19	6.8	0.0
3/01/2024 11:40	4.7	275	17	7.5	0.0
3/01/2024 11:50	4.7	277	20	6.6	0.0
3/01/2024 12:00	5.0	279	21	7.5	0.0
3/01/2024 12:10	4.6	275	22	6.8	0.0
3/01/2024 12:20	5.1	269	20	7.8	0.0
3/01/2024 12:30	5.0	272	23	7.6	0.0
3/01/2024 12:40	4.8	272	19	7.6	0.0
3/01/2024 12:50	4.6	267	24	7.7	0.0
3/01/2024 13:00	5.2	278	21	7.7	0.0
3/01/2024 13:10	5.1	273	23	7.6	0.0
3/01/2024 13:20	5.0	273	23	7.6	0.0
3/01/2024 13:30	5.1	270	18	7.8	0.0
3/01/2024 13:40	4.9	267	20	7.1	0.0
3/01/2024 13:50	4.3	276	19	6.3	0.0
3/01/2024 14:00	4.7	280	19	7.4	0.0
3/01/2024 14:10	4.9	282	20	7.1	0.0
3/01/2024 14:20	4.4	285	18	6.8	0.0
3/01/2024 14:30	4.5	277	22	6.3	0.0
3/01/2024 14:40	4.2	268	24	6.4	0.0
3/01/2024 14:50	4.6	281	20	6.4	0.0
3/01/2024 15:00	5.2	310	18	7.4	0.0
3/01/2024 15:10	4.6	290	19	7.2	0.0
3/01/2024 15:20	4.8	300	20	7.4	0.0
3/01/2024 15:30	4.7	291	21	7.2	0.0
3/01/2024 15:40	4.8	295	23	7.9	0.0
3/01/2024 15:50	4.9	291	22	7.2	0.0
3/01/2024 16:00	4.8	297	20	7.9	0.0
3/01/2024 16:10	4.1	291	23	6.9	0.0
3/01/2024 16:20	4.9	298	21	7.9	0.0
3/01/2024 16:30	3.9	294	25	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/01/2024 16:40	3.9	285	28	6.4	0.0
3/01/2024 16:50	4.5	291	26	7.2	0.0
3/01/2024 17:00	4.6	294	26	7.9	0.0
3/01/2024 17:10	4.3	293	22	6.8	0.0
3/01/2024 17:20	4.5	296	22	7.5	0.0
3/01/2024 17:30	4.4	296	25	7.3	0.0
3/01/2024 17:40	4.1	286	29	6.6	0.0
3/01/2024 17:50	4.4	293	23	7.0	0.0
3/01/2024 18:00	4.4	282	21	6.8	0.0
3/01/2024 18:10	4.4	271	16	6.8	0.0
3/01/2024 18:20	4.3	275	18	6.4	0.0
3/01/2024 18:30	3.9	272	28	6.6	0.0
3/01/2024 18:40	4.0	268	36	8.0	0.0
3/01/2024 18:50	4.3	270	23	6.8	0.0
3/01/2024 19:00	4.6	272	23	7.2	0.0
3/01/2024 19:10	4.4	271	23	7.1	0.0
3/01/2024 19:20	4.1	267	26	6.9	0.0
3/01/2024 19:30	4.2	271	24	6.5	0.0
3/01/2024 19:40	4.4	267	27	6.8	0.0
3/01/2024 19:50	3.7	267	36	7.2	0.0
3/01/2024 20:00	4.0	271	25	7.1	0.0
3/01/2024 20:10	4.0	271	26	7.1	0.0
3/01/2024 20:20	4.6	275	19	6.8	0.0
3/01/2024 20:30	4.0	270	31	6.4	0.0
3/01/2024 20:40	3.0	259	51	5.5	0.0
3/01/2024 20:50	3.6	272	32	6.5	0.0
3/01/2024 21:00	3.6	274	33	7.5	0.0
3/01/2024 21:10	3.6	257	41	6.4	0.0
3/01/2024 21:20	2.5	261	60	5.4	0.0
3/01/2024 21:30	3.0	264	43	5.6	0.0
3/01/2024 21:40	2.9	270	46	5.1	0.0
3/01/2024 21:50	3.2	276	34	5.7	0.0
3/01/2024 22:00	3.0	262	58	6.4	0.0
3/01/2024 22:10	2.8	264	40	4.6	0.0
3/01/2024 22:20	2.7	270	43	4.8	0.0
3/01/2024 22:30	2.8	256	38	5.6	0.0
3/01/2024 22:40	2.9	267	42	6.0	0.0
3/01/2024 22:50	2.3	231	56	4.4	0.0
3/01/2024 23:00	3.0	249	40	6.0	0.0
3/01/2024 23:10	2.3	224	67	5.2	0.0
3/01/2024 23:20	2.0	224	67	4.8	0.0
3/01/2024 23:30	2.3	241	52	4.4	0.0
3/01/2024 23:40	2.8	261	42	5.4	0.0
3/01/2024 23:50	2.2	271	60	5.5	0.0
4/01/2024 0:00	2.4	253	69	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/01/2024 0:10	1.7	164	92	4.0	0.0
4/01/2024 0:20	1.7	213	88	4.0	0.0
4/01/2024 0:30	2.5	221	54	5.2	0.0
4/01/2024 0:40	1.7	225	89	5.3	0.0
4/01/2024 0:50	2.4	243	48	4.7	0.0
4/01/2024 1:00	1.9	273	66	4.7	0.0
4/01/2024 1:10	2.1	240	62	4.5	0.0
4/01/2024 1:20	2.4	263	73	5.4	0.0
4/01/2024 1:30	1.8	237	74	3.9	0.0
4/01/2024 1:40	2.2	262	48	4.8	0.0
4/01/2024 1:50	2.0	241	69	4.4	0.0
4/01/2024 2:00	1.6	203	75	3.4	0.0
4/01/2024 2:10	1.8	254	57	3.6	0.0
4/01/2024 2:20	1.7	207	67	4.1	0.0
4/01/2024 2:30	1.8	215	62	3.2	0.0
4/01/2024 2:40	1.8	221	62	3.9	0.0
4/01/2024 2:50	1.8	240	67	3.8	0.0
4/01/2024 3:00	2.0	227	59	3.9	0.0
4/01/2024 3:10	2.1	233	42	3.6	0.0
4/01/2024 3:20	1.9	226	41	4.1	0.0
4/01/2024 3:30	2.2	253	44	4.0	0.0
4/01/2024 3:40	2.0	249	42	3.3	0.0
4/01/2024 3:50	1.7	258	44	3.9	0.0
4/01/2024 4:00	1.6	248	46	3.5	0.0
4/01/2024 4:10	1.4	185	43	3.4	0.0
4/01/2024 4:20	1.5	199	56	3.2	0.0
4/01/2024 4:30	1.8	205	34	3.2	0.0
4/01/2024 4:40	1.2	209	48	2.1	0.0
4/01/2024 4:50	1.6	253	54	3.2	0.0
4/01/2024 5:00	1.3	231	37	2.4	0.0
4/01/2024 5:10	1.4	209	38	2.7	0.0
4/01/2024 5:20	1.6	238	43	3.0	0.0
4/01/2024 5:30	2.6	273	28	4.2	0.0
4/01/2024 5:40	3.0	269	30	5.3	0.0
4/01/2024 5:50	2.1	273	34	5.3	0.0
4/01/2024 6:00	2.5	275	28	4.4	0.0
4/01/2024 6:10	2.7	271	26	4.2	0.0
4/01/2024 6:20	2.4	268	30	4.5	0.0
4/01/2024 6:30	2.5	271	26	3.9	0.0
4/01/2024 6:40	2.9	274	24	4.6	0.0
4/01/2024 6:50	3.0	270	24	4.6	0.0
4/01/2024 7:00	2.7	278	23	5.2	0.0
4/01/2024 7:10	2.8	268	32	4.5	0.0
4/01/2024 7:20	2.7	269	31	4.6	0.0
4/01/2024 7:30	2.9	268	26	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/01/2024 7:40	2.9	272	29	4.8	0.0
4/01/2024 7:50	2.9	276	22	4.8	0.0
4/01/2024 8:00	2.6	265	34	4.9	0.0
4/01/2024 8:10	2.7	268	28	4.5	0.0
4/01/2024 8:20	2.3	242	40	4.4	0.0
4/01/2024 8:30	2.5	263	39	4.0	0.0
4/01/2024 8:40	3.4	262	23	5.4	0.0
4/01/2024 8:50	2.4	244	43	4.7	0.0
4/01/2024 9:00	2.9	261	31	4.4	0.0
4/01/2024 9:10	2.0	270	48	3.9	0.0
4/01/2024 9:20	3.0	277	27	6.7	0.0
4/01/2024 9:30	3.3	282	27	5.6	0.0
4/01/2024 9:40	3.8	290	21	5.6	0.0
4/01/2024 9:50	3.9	293	20	5.8	0.0
4/01/2024 10:00	3.4	290	27	5.2	0.0
4/01/2024 10:10	3.3	280	26	5.5	0.0
4/01/2024 10:20	3.4	278	26	5.6	0.0
4/01/2024 10:30	3.7	281	26	5.8	0.0
4/01/2024 10:40	3.5	285	26	5.8	0.0
4/01/2024 10:50	3.7	285	25	5.5	0.0
4/01/2024 11:00	3.4	292	24	5.2	0.0
4/01/2024 11:10	3.9	284	23	5.6	0.0
4/01/2024 11:20	3.6	274	23	5.2	0.0
4/01/2024 11:30	3.6	279	20	5.5	0.0
4/01/2024 11:40	3.8	276	25	5.6	0.0
4/01/2024 11:50	3.8	276	19	5.6	0.0
4/01/2024 12:00	3.5	276	21	5.3	0.0
4/01/2024 12:10	3.6	272	22	5.2	0.0
4/01/2024 12:20	3.7	280	24	6.0	0.0
4/01/2024 12:30	3.5	284	23	5.2	0.0
4/01/2024 12:40	3.3	279	23	4.8	0.0
4/01/2024 12:50	3.8	291	20	6.0	0.0
4/01/2024 13:00	3.9	271	22	5.6	0.0
4/01/2024 13:10	3.9	269	19	5.9	0.0
4/01/2024 13:20	3.7	270	24	5.7	0.0
4/01/2024 13:30	4.1	291	27	6.8	0.0
4/01/2024 13:40	4.0	290	19	6.1	0.0
4/01/2024 13:50	4.8	316	19	8.3	0.0
4/01/2024 14:00	4.6	307	20	7.3	0.0
4/01/2024 14:10	3.9	300	25	6.4	0.0
4/01/2024 14:20	4.8	321	18	7.2	0.0
4/01/2024 14:30	5.1	323	17	7.2	0.0
4/01/2024 14:40	4.6	307	22	7.3	0.0
4/01/2024 14:50	4.6	309	21	6.9	0.0
4/01/2024 15:00	4.7	318	22	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/01/2024 15:10	4.5	312	23	7.1	0.0
4/01/2024 15:20	4.7	313	21	6.5	0.0
4/01/2024 15:30	4.8	307	22	7.0	0.0
4/01/2024 15:40	4.3	297	22	6.9	0.0
4/01/2024 15:50	4.6	307	20	6.9	0.0
4/01/2024 16:00	4.0	305	23	6.3	0.0
4/01/2024 16:10	4.3	314	20	6.2	0.0
4/01/2024 16:20	4.0	303	26	6.5	0.0
4/01/2024 16:30	4.1	295	24	6.4	0.0
4/01/2024 16:40	4.0	297	23	6.4	0.0
4/01/2024 16:50	3.8	298	24	5.8	0.0
4/01/2024 17:00	4.2	312	20	6.6	0.0
4/01/2024 17:10	4.4	314	23	6.9	0.0
4/01/2024 17:20	4.6	302	15	7.2	0.0
4/01/2024 17:30	3.9	304	24	6.2	0.0
4/01/2024 17:40	4.4	304	20	7.0	0.0
4/01/2024 17:50	4.8	300	19	7.9	0.0
4/01/2024 18:00	4.9	299	17	7.2	0.0
4/01/2024 18:10	4.6	298	21	6.9	0.0
4/01/2024 18:20	4.1	291	21	6.1	0.0
4/01/2024 18:30	4.2	299	21	7.1	0.0
4/01/2024 18:40	3.8	294	18	6.4	0.0
4/01/2024 18:50	4.3	303	15	6.2	0.0
4/01/2024 19:00	3.8	293	20	5.6	0.0
4/01/2024 19:10	4.1	292	20	6.1	0.0
4/01/2024 19:20	4.6	301	16	6.4	0.0
4/01/2024 19:30	3.6	285	19	5.3	0.0
4/01/2024 19:40	3.7	291	22	5.9	0.0
4/01/2024 19:50	3.3	285	28	5.7	0.0
4/01/2024 20:00	3.2	285	25	5.5	0.0
4/01/2024 20:10	3.6	282	24	5.8	0.0
4/01/2024 20:20	3.7	283	21	5.2	0.0
4/01/2024 20:30	3.6	284	22	6.3	0.0
4/01/2024 20:40	3.5	282	21	5.4	0.0
4/01/2024 20:50	3.3	285	23	5.6	0.0
4/01/2024 21:00	3.6	287	23	5.2	0.0
4/01/2024 21:10	3.9	294	20	5.7	0.0
4/01/2024 21:20	3.5	288	24	6.1	0.0
4/01/2024 21:30	3.4	280	21	5.2	0.0
4/01/2024 21:40	3.5	272	18	5.2	0.0
4/01/2024 21:50	3.8	275	19	5.5	0.0
4/01/2024 22:00	3.5	284	20	5.2	0.0
4/01/2024 22:10	3.3	276	23	5.2	0.0
4/01/2024 22:20	3.0	278	19	5.2	0.0
4/01/2024 22:30	3.3	269	24	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/01/2024 22:40	3.1	269	26	5.4	0.0
4/01/2024 22:50	3.7	265	26	6.3	0.0
4/01/2024 23:00	3.6	267	26	6.0	0.0
4/01/2024 23:10	3.2	276	23	4.8	0.0
4/01/2024 23:20	3.4	269	23	6.3	0.0
4/01/2024 23:30	3.5	273	25	5.6	0.0
4/01/2024 23:40	3.5	272	25	5.5	0.0
4/01/2024 23:50	3.6	272	20	5.7	0.0
5/01/2024 0:00	2.7	260	44	5.3	0.0
5/01/2024 0:10	2.7	263	44	5.2	0.0
5/01/2024 0:20	2.7	269	50	5.4	0.0
5/01/2024 0:30	2.9	270	37	5.7	0.0
5/01/2024 0:40	2.1	245	52	4.0	0.0
5/01/2024 0:50	2.0	270	65	4.6	0.0
5/01/2024 1:00	2.5	263	49	4.4	0.0
5/01/2024 1:10	2.6	259	37	5.5	0.0
5/01/2024 1:20	2.6	257	43	4.7	0.0
5/01/2024 1:30	2.6	255	37	5.3	0.0
5/01/2024 1:40	2.1	258	54	4.1	0.0
5/01/2024 1:50	2.5	259	48	4.8	0.0
5/01/2024 2:00	2.2	258	44	4.0	0.0
5/01/2024 2:10	1.9	256	56	3.6	0.0
5/01/2024 2:20	2.1	242	44	4.0	0.0
5/01/2024 2:30	2.2	252	38	4.1	0.0
5/01/2024 2:40	2.0	241	52	3.9	0.0
5/01/2024 2:50	2.3	255	39	4.4	0.0
5/01/2024 3:00	2.3	260	39	4.8	0.0
5/01/2024 3:10	1.7	234	58	3.7	0.0
5/01/2024 3:20	1.9	246	43	3.9	0.0
5/01/2024 3:30	1.6	219	60	3.9	0.0
5/01/2024 3:40	1.9	244	44	4.1	0.0
5/01/2024 3:50	1.2	267	56	2.6	0.0
5/01/2024 4:00	2.2	274	40	4.4	0.0
5/01/2024 4:10	1.7	248	60	3.1	0.0
5/01/2024 4:20	1.7	252	57	3.5	0.0
5/01/2024 4:30	1.9	271	71	3.9	0.0
5/01/2024 4:40	1.6	221	66	2.9	0.0
5/01/2024 4:50	1.7	243	49	3.3	0.0
5/01/2024 5:00	1.8	239	50	2.9	0.0
5/01/2024 5:10	1.3	187	34	2.4	0.0
5/01/2024 5:20	1.3	211	42	2.6	0.0
5/01/2024 5:30	1.3	220	52	3.1	0.0
5/01/2024 5:40	1.1	239	42	2.7	0.0
5/01/2024 5:50	2.0	260	40	3.8	0.0
5/01/2024 6:00	1.8	230	44	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/01/2024 6:10	1.7	261	58	4.1	0.0
5/01/2024 6:20	1.8	266	46	3.8	0.0
5/01/2024 6:30	1.7	251	57	3.5	0.0
5/01/2024 6:40	2.1	267	36	3.9	0.0
5/01/2024 6:50	2.4	273	36	4.4	0.0
5/01/2024 7:00	2.0	237	51	3.9	0.0
5/01/2024 7:10	2.5	265	32	4.7	0.0
5/01/2024 7:20	2.3	273	38	4.4	0.0
5/01/2024 7:30	2.1	278	36	4.8	0.0
5/01/2024 7:40	2.7	271	30	4.8	0.0
5/01/2024 7:50	3.2	273	28	5.1	0.0
5/01/2024 8:00	2.8	272	32	4.8	0.0
5/01/2024 8:10	3.4	271	26	5.3	0.0
5/01/2024 8:20	3.5	271	25	5.2	0.0
5/01/2024 8:30	3.9	279	19	6.3	0.0
5/01/2024 8:40	3.5	278	23	5.3	0.0
5/01/2024 8:50	3.7	274	21	5.2	0.0
5/01/2024 9:00	3.5	268	31	5.7	0.0
5/01/2024 9:10	3.8	274	23	5.9	0.0
5/01/2024 9:20	4.1	270	23	6.0	0.0
5/01/2024 9:30	4.0	270	25	6.4	0.0
5/01/2024 9:40	3.7	259	31	6.8	0.0
5/01/2024 9:50	3.0	253	37	5.6	0.0
5/01/2024 10:00	3.0	264	30	4.8	0.0
5/01/2024 10:10	3.5	271	30	6.2	0.0
5/01/2024 10:20	3.4	261	33	5.6	0.0
5/01/2024 10:30	3.1	260	37	5.6	0.0
5/01/2024 10:40	3.6	270	26	6.4	0.0
5/01/2024 10:50	3.7	267	26	5.8	0.0
5/01/2024 11:00	2.8	262	44	5.7	0.0
5/01/2024 11:10	3.7	263	30	6.4	0.0
5/01/2024 11:20	3.7	264	29	6.0	0.0
5/01/2024 11:30	4.1	273	32	6.7	0.0
5/01/2024 11:40	4.1	280	27	6.4	0.0
5/01/2024 11:50	4.3	273	24	6.7	0.0
5/01/2024 12:00	4.2	274	22	6.9	0.0
5/01/2024 12:10	4.6	276	26	7.0	0.0
5/01/2024 12:20	4.2	277	23	6.4	0.0
5/01/2024 12:30	4.5	276	19	6.4	0.0
5/01/2024 12:40	4.8	289	23	7.5	0.0
5/01/2024 12:50	4.4	275	22	7.2	0.0
5/01/2024 13:00	4.8	282	23	7.2	0.0
5/01/2024 13:10	4.5	273	24	6.6	0.0
5/01/2024 13:20	5.3	278	24	7.9	0.0
5/01/2024 13:30	4.5	276	24	7.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/01/2024 13:40	4.9	274	20	7.2	0.0
5/01/2024 13:50	4.8	275	21	7.2	0.0
5/01/2024 14:00	4.5	271	23	7.4	0.0
5/01/2024 14:10	4.6	279	20	7.2	0.0
5/01/2024 14:20	5.0	274	20	7.5	0.0
5/01/2024 14:30	4.6	274	20	7.1	0.0
5/01/2024 14:40	4.2	271	31	6.7	0.0
5/01/2024 14:50	4.9	269	23	7.6	0.0
5/01/2024 15:00	4.9	268	21	7.6	0.0
5/01/2024 15:10	4.8	274	22	7.4	0.0
5/01/2024 15:20	4.3	264	30	7.6	0.0
5/01/2024 15:30	4.3	273	25	6.8	0.0
5/01/2024 15:40	4.5	266	29	7.5	0.0
5/01/2024 15:50	4.0	270	26	7.0	0.0
5/01/2024 16:00	4.6	265	24	7.3	0.0
5/01/2024 16:10	4.0	262	36	7.1	0.0
5/01/2024 16:20	4.5	270	25	7.2	0.0
5/01/2024 16:30	4.1	273	28	7.3	0.0
5/01/2024 16:40	5.0	271	20	7.0	0.0
5/01/2024 16:50	4.4	270	23	7.7	0.0
5/01/2024 17:00	4.1	270	25	7.6	0.0
5/01/2024 17:10	3.9	274	25	6.4	0.0
5/01/2024 17:20	3.5	262	30	6.0	0.0
5/01/2024 17:30	3.1	259	38	6.0	0.0
5/01/2024 17:40	4.1	264	25	6.2	0.0
5/01/2024 17:50	4.5	271	21	7.1	0.0
5/01/2024 18:00	4.2	266	20	6.2	0.0
5/01/2024 18:10	3.9	272	21	5.8	0.0
5/01/2024 18:20	3.0	265	34	5.5	0.0
5/01/2024 18:30	3.9	273	19	6.4	0.0
5/01/2024 18:40	3.6	268	24	6.0	0.0
5/01/2024 18:50	3.6	276	19	6.4	0.0
5/01/2024 19:00	3.7	278	21	6.1	0.0
5/01/2024 19:10	3.8	278	22	6.1	0.0
5/01/2024 19:20	3.6	275	25	6.0	0.0
5/01/2024 19:30	3.5	270	25	5.3	0.0
5/01/2024 19:40	3.8	270	19	6.0	0.0
5/01/2024 19:50	3.4	270	26	5.8	0.0
5/01/2024 20:00	4.0	271	19	6.4	0.0
5/01/2024 20:10	3.8	275	20	5.8	0.0
5/01/2024 20:20	3.4	271	27	5.9	0.0
5/01/2024 20:30	3.9	273	17	6.3	0.0
5/01/2024 20:40	3.7	273	22	5.6	0.0
5/01/2024 20:50	3.8	273	24	6.3	0.0
5/01/2024 21:00	3.5	269	30	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/01/2024 21:10	2.9	269	35	5.2	0.0
5/01/2024 21:20	3.0	270	33	5.2	0.0
5/01/2024 21:30	3.4	265	36	5.5	0.0
5/01/2024 21:40	2.5	250	48	4.8	0.0
5/01/2024 21:50	2.3	242	48	4.3	0.0
5/01/2024 22:00	2.2	257	57	4.6	0.0
5/01/2024 22:10	2.4	235	51	4.6	0.0
5/01/2024 22:20	2.5	266	61	6.0	0.0
5/01/2024 22:30	2.9	253	31	5.6	0.0
5/01/2024 22:40	2.8	252	48	5.4	0.0
5/01/2024 22:50	2.5	263	55	5.0	0.0
5/01/2024 23:00	2.1	253	52	4.5	0.0
5/01/2024 23:10	2.5	245	38	5.2	0.0
5/01/2024 23:20	2.8	243	34	5.2	0.0
5/01/2024 23:30	2.2	230	56	4.7	0.0
5/01/2024 23:40	2.2	254	52	4.6	0.0
5/01/2024 23:50	2.3	233	53	4.5	0.0
6/01/2024 0:00	2.1	229	60	4.8	0.0
6/01/2024 0:10	2.4	223	53	5.2	0.0
6/01/2024 0:20	2.3	216	44	5.2	0.0
6/01/2024 0:30	1.8	227	67	4.1	0.0
6/01/2024 0:40	1.6	226	72	3.9	0.0
6/01/2024 0:50	1.8	221	66	4.0	0.0
6/01/2024 1:00	2.0	244	64	4.4	0.0
6/01/2024 1:10	2.2	200	59	4.4	0.0
6/01/2024 1:20	2.6	196	42	4.9	0.0
6/01/2024 1:30	2.5	207	41	4.5	0.0
6/01/2024 1:40	2.7	215	47	5.1	0.0
6/01/2024 1:50	2.7	221	44	5.0	0.0
6/01/2024 2:00	2.3	212	41	4.2	0.0
6/01/2024 2:10	2.5	199	39	4.6	0.0
6/01/2024 2:20	2.2	214	47	4.0	0.0
6/01/2024 2:30	1.8	202	65	3.4	0.0
6/01/2024 2:40	1.9	228	57	3.6	0.0
6/01/2024 2:50	2.2	217	48	4.4	0.0
6/01/2024 3:00	2.3	234	51	4.9	0.0
6/01/2024 3:10	2.2	233	59	5.1	0.0
6/01/2024 3:20	2.3	230	53	4.6	0.0
6/01/2024 3:30	2.3	225	43	4.3	0.0
6/01/2024 3:40	1.7	219	54	3.4	0.0
6/01/2024 3:50	2.0	195	46	3.8	0.0
6/01/2024 4:00	2.4	240	47	4.4	0.0
6/01/2024 4:10	2.0	244	52	4.3	0.0
6/01/2024 4:20	2.2	240	42	4.0	0.0
6/01/2024 4:30	1.6	200	64	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/01/2024 4:40	2.0	212	51	4.0	0.0
6/01/2024 4:50	2.2	211	31	4.0	0.0
6/01/2024 5:00	2.2	198	30	3.4	0.0
6/01/2024 5:10	2.6	218	32	4.6	0.0
6/01/2024 5:20	1.9	214	40	3.9	0.0
6/01/2024 5:30	1.6	222	36	3.4	0.0
6/01/2024 5:40	1.4	236	60	2.8	0.0
6/01/2024 5:50	1.4	224	33	3.1	0.0
6/01/2024 6:00	1.5	267	28	2.6	0.0
6/01/2024 6:10	1.5	264	39	2.7	0.0
6/01/2024 6:20	1.7	273	40	3.2	0.0
6/01/2024 6:30	1.8	261	34	3.6	0.0
6/01/2024 6:40	2.3	270	27	4.1	0.0
6/01/2024 6:50	2.1	260	28	3.4	0.0
6/01/2024 7:00	2.1	268	30	3.9	0.0
6/01/2024 7:10	2.0	262	44	3.4	0.0
6/01/2024 7:20	2.6	259	26	4.0	0.0
6/01/2024 7:30	2.5	264	35	4.3	0.0
6/01/2024 7:40	2.5	268	22	3.8	0.0
6/01/2024 7:50	2.8	269	29	5.4	0.0
6/01/2024 8:00	2.5	257	30	4.4	0.0
6/01/2024 8:10	2.9	262	24	4.8	0.0
6/01/2024 8:20	3.1	266	24	4.5	0.0
6/01/2024 8:30	3.1	264	30	5.3	0.0
6/01/2024 8:40	2.4	271	38	4.3	0.0
6/01/2024 8:50	3.4	270	28	5.5	0.0
6/01/2024 9:00	3.5	268	21	5.2	0.0
6/01/2024 9:10	3.2	264	27	4.8	0.0
6/01/2024 9:20	3.1	257	30	5.7	0.0
6/01/2024 9:30	2.9	274	31	5.3	0.0
6/01/2024 9:40	3.5	291	25	6.0	0.0
6/01/2024 9:50	4.2	299	21	6.4	0.0
6/01/2024 10:00	3.9	285	22	5.9	0.0
6/01/2024 10:10	3.5	282	27	5.9	0.0
6/01/2024 10:20	3.8	279	24	6.0	0.0
6/01/2024 10:30	4.0	267	21	6.0	0.0
6/01/2024 10:40	3.8	270	20	6.0	0.0
6/01/2024 10:50	3.8	280	23	6.0	0.0
6/01/2024 11:00	3.4	270	25	5.7	0.0
6/01/2024 11:10	4.9	314	24	8.0	0.0
6/01/2024 11:20	5.3	321	17	7.5	0.0
6/01/2024 11:30	4.9	319	20	8.0	0.0
6/01/2024 11:40	5.2	315	19	7.9	0.0
6/01/2024 11:50	5.0	305	20	8.6	0.0
6/01/2024 12:00	5.0	297	20	8.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/01/2024 12:10	4.9	302	19	7.7	0.0
6/01/2024 12:20	4.9	297	24	7.3	0.0
6/01/2024 12:30	5.2	302	19	8.7	0.0
6/01/2024 12:40	5.8	301	18	8.5	0.0
6/01/2024 12:50	4.9	294	22	7.7	0.0
6/01/2024 13:00	4.9	291	24	7.8	0.0
6/01/2024 13:10	5.6	288	22	8.1	0.0
6/01/2024 13:20	5.2	273	22	7.3	0.0
6/01/2024 13:30	4.1	264	39	7.0	0.0
6/01/2024 13:40	4.8	278	23	6.8	0.0
6/01/2024 13:50	4.6	271	23	6.3	0.0
6/01/2024 14:00	4.5	269	24	6.8	0.0
6/01/2024 14:10	4.5	268	24	7.2	0.0
6/01/2024 14:20	4.8	268	19	7.6	0.0
6/01/2024 14:30	4.9	275	16	7.5	0.0
6/01/2024 14:40	5.0	274	15	6.9	0.0
6/01/2024 14:50	4.1	273	24	7.0	0.0
6/01/2024 15:00	4.0	270	32	6.8	0.0
6/01/2024 15:10	5.2	266	19	8.1	0.0
6/01/2024 15:20	4.9	267	23	7.3	0.0
6/01/2024 15:30	4.5	266	23	7.6	0.0
6/01/2024 15:40	4.6	272	18	7.5	0.0
6/01/2024 15:50	5.0	267	19	8.1	0.0
6/01/2024 16:00	4.7	267	23	7.5	0.0
6/01/2024 16:10	4.9	273	21	7.0	0.0
6/01/2024 16:20	5.3	272	18	7.7	0.0
6/01/2024 16:30	4.4	267	26	7.0	0.0
6/01/2024 16:40	5.1	273	16	7.5	0.0
6/01/2024 16:50	4.4	263	32	6.8	0.0
6/01/2024 17:00	4.2	265	33	6.8	0.0
6/01/2024 17:10	4.9	274	20	7.5	0.0
6/01/2024 17:20	4.3	268	32	7.4	0.0
6/01/2024 17:30	4.2	271	31	7.3	0.0
6/01/2024 17:40	4.7	271	29	7.8	0.0
6/01/2024 17:50	4.6	268	30	7.3	0.0
6/01/2024 18:00	4.7	266	22	7.4	0.0
6/01/2024 18:10	4.9	266	28	7.3	0.0
6/01/2024 18:20	4.9	268	22	7.1	0.0
6/01/2024 18:30	4.6	266	22	6.8	0.0
6/01/2024 18:40	4.7	267	30	8.2	0.0
6/01/2024 18:50	4.5	265	27	7.5	0.0
6/01/2024 19:00	4.5	266	27	7.6	0.0
6/01/2024 19:10	4.3	260	34	8.3	0.0
6/01/2024 19:20	5.0	263	22	7.5	0.0
6/01/2024 19:30	4.4	266	25	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/01/2024 19:40	4.4	260	25	7.2	0.0
6/01/2024 19:50	4.3	260	26	7.3	0.0
6/01/2024 20:00	4.0	267	28	6.9	0.0
6/01/2024 20:10	4.3	264	27	7.5	0.0
6/01/2024 20:20	4.0	266	30	6.7	0.0
6/01/2024 20:30	4.2	265	25	6.7	0.0
6/01/2024 20:40	4.9	266	26	7.9	0.0
6/01/2024 20:50	3.6	254	42	7.9	0.0
6/01/2024 21:00	4.3	257	35	7.6	0.0
6/01/2024 21:10	4.3	273	26	6.6	0.0
6/01/2024 21:20	3.8	279	25	7.0	0.0
6/01/2024 21:30	3.7	270	26	5.9	0.0
6/01/2024 21:40	3.9	274	21	5.8	0.0
6/01/2024 21:50	3.2	267	39	6.1	0.0
6/01/2024 22:00	3.3	273	40	6.0	0.0
6/01/2024 22:10	3.1	259	45	5.3	0.0
6/01/2024 22:20	2.9	244	47	5.9	0.0
6/01/2024 22:30	2.5	247	55	4.8	0.0
6/01/2024 22:40	2.9	240	39	5.2	0.0
6/01/2024 22:50	2.4	254	51	4.5	0.0
6/01/2024 23:00	2.7	240	50	5.2	0.0
6/01/2024 23:10	2.7	245	42	5.2	0.0
6/01/2024 23:20	3.2	244	45	5.7	0.0
6/01/2024 23:30	2.7	250	48	5.2	0.0
6/01/2024 23:40	2.7	242	52	5.3	0.0
6/01/2024 23:50	2.9	251	43	5.3	0.0
7/01/2024 0:00	3.0	259	41	5.2	0.0
7/01/2024 0:10	2.8	259	42	5.3	0.0
7/01/2024 0:20	2.3	256	50	4.8	0.0
7/01/2024 0:30	2.3	258	57	4.8	0.0
7/01/2024 0:40	2.9	255	30	4.8	0.0
7/01/2024 0:50	2.5	271	43	5.2	0.0
7/01/2024 1:00	2.7	260	39	4.8	0.0
7/01/2024 1:10	2.4	265	50	5.7	0.0
7/01/2024 1:20	2.1	258	51	4.0	0.0
7/01/2024 1:30	2.9	247	43	6.0	0.0
7/01/2024 1:40	2.7	260	46	4.7	0.0
7/01/2024 1:50	2.9	239	46	5.5	0.0
7/01/2024 2:00	2.6	245	44	5.5	0.0
7/01/2024 2:10	2.6	247	45	5.3	0.0
7/01/2024 2:20	2.7	254	40	5.6	0.0
7/01/2024 2:30	3.2	256	28	5.6	0.0
7/01/2024 2:40	2.8	239	45	6.6	0.0
7/01/2024 2:50	2.2	246	55	4.5	0.0
7/01/2024 3:00	3.0	245	40	5.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/01/2024 3:10	2.7	261	33	4.6	0.0
7/01/2024 3:20	2.1	245	54	4.4	0.0
7/01/2024 3:30	1.9	249	49	3.6	0.0
7/01/2024 3:40	1.7	226	60	3.8	0.0
7/01/2024 3:50	2.2	253	42	4.1	0.0
7/01/2024 4:00	1.9	263	62	4.7	0.0
7/01/2024 4:10	1.8	252	49	3.3	0.0
7/01/2024 4:20	1.6	246	74	3.8	0.0
7/01/2024 4:30	2.0	202	67	4.1	0.0
7/01/2024 4:40	1.7	262	61	3.6	0.0
7/01/2024 4:50	2.1	261	42	4.4	0.0
7/01/2024 5:00	2.4	254	47	4.8	0.0
7/01/2024 5:10	2.0	267	48	3.7	0.0
7/01/2024 5:20	2.1	268	53	4.0	0.0
7/01/2024 5:30	2.1	270	64	4.8	0.0
7/01/2024 5:40	1.8	239	55	3.5	0.0
7/01/2024 5:50	2.1	251	38	3.7	0.0
7/01/2024 6:00	2.0	282	53	4.4	0.0
7/01/2024 6:10	1.9	259	64	3.4	0.0
7/01/2024 6:20	1.7	275	37	3.0	0.0
7/01/2024 6:30	1.8	269	44	3.9	0.0
7/01/2024 6:40	1.6	269	51	3.2	0.0
7/01/2024 6:50	2.3	263	44	5.0	0.0
7/01/2024 7:00	2.2	258	37	3.8	0.0
7/01/2024 7:10	2.8	264	27	5.6	0.0
7/01/2024 7:20	2.4	255	32	4.1	0.0
7/01/2024 7:30	2.5	253	32	4.2	0.0
7/01/2024 7:40	1.6	226	58	2.9	0.0
7/01/2024 7:50	2.4	262	40	4.0	0.0
7/01/2024 8:00	2.4	219	41	4.9	0.0
7/01/2024 8:10	2.1	231	55	4.4	0.0
7/01/2024 8:20	1.9	221	50	4.6	0.0
7/01/2024 8:30	1.8	244	45	4.0	0.0
7/01/2024 8:40	1.8	222	47	3.6	0.0
7/01/2024 8:50	1.9	244	51	3.9	0.0
7/01/2024 9:00	2.0	226	41	3.6	0.0
7/01/2024 9:10	2.6	206	23	4.6	0.0
7/01/2024 9:20	3.1	202	24	5.0	0.0
7/01/2024 9:30	3.1	197	21	4.8	0.0
7/01/2024 9:40	2.9	216	35	4.5	0.0
7/01/2024 9:50	2.4	234	36	4.9	0.0
7/01/2024 10:00	2.7	235	28	4.8	0.0
7/01/2024 10:10	2.3	263	29	3.9	0.0
7/01/2024 10:20	2.7	289	29	4.8	0.0
7/01/2024 10:30	2.9	284	28	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/01/2024 10:40	3.3	277	23	5.4	0.0
7/01/2024 10:50	3.9	269	18	5.5	0.0
7/01/2024 11:00	4.1	268	19	6.1	0.0
7/01/2024 11:10	4.2	268	18	6.4	0.0
7/01/2024 11:20	4.1	268	20	6.0	0.0
7/01/2024 11:30	4.2	273	18	6.2	0.0
7/01/2024 11:40	4.0	274	18	7.2	0.0
7/01/2024 11:50	4.0	273	19	6.1	0.0
7/01/2024 12:00	3.9	266	28	6.0	0.0
7/01/2024 12:10	3.7	269	23	5.7	0.0
7/01/2024 12:20	3.5	268	29	6.4	0.0
7/01/2024 12:30	4.0	263	23	6.4	0.0
7/01/2024 12:40	3.5	259	36	6.5	0.0
7/01/2024 12:50	4.3	271	21	6.4	0.0
7/01/2024 13:00	3.7	273	25	6.1	0.0
7/01/2024 13:10	4.4	268	22	6.2	0.0
7/01/2024 13:20	4.5	265	23	6.7	0.0
7/01/2024 13:30	4.2	281	25	7.0	0.0
7/01/2024 13:40	4.9	269	20	6.8	0.0
7/01/2024 13:50	5.1	276	19	7.4	0.0
7/01/2024 14:00	4.7	267	20	7.0	0.0
7/01/2024 14:10	4.6	264	32	7.2	0.0
7/01/2024 14:20	4.3	266	26	6.6	0.0
7/01/2024 14:30	4.6	268	23	6.9	0.0
7/01/2024 14:40	3.8	254	39	7.1	0.0
7/01/2024 14:50	4.5	270	27	7.3	0.0
7/01/2024 15:00	3.7	258	44	6.4	0.0
7/01/2024 15:10	4.7	262	28	8.3	0.0
7/01/2024 15:20	3.7	265	32	6.1	0.0
7/01/2024 15:30	4.0	254	45	8.0	0.0
7/01/2024 15:40	5.5	272	23	8.1	0.0
7/01/2024 15:50	5.6	270	19	8.3	0.0
7/01/2024 16:00	5.6	278	19	8.6	0.0
7/01/2024 16:10	5.3	281	19	7.9	0.0
7/01/2024 16:20	5.0	282	19	7.6	0.0
7/01/2024 16:30	5.2	274	20	8.1	0.0
7/01/2024 16:40	5.4	276	18	8.3	0.0
7/01/2024 16:50	5.4	277	18	7.6	0.0
7/01/2024 17:00	5.0	276	17	7.7	0.0
7/01/2024 17:10	5.2	284	16	8.4	0.0
7/01/2024 17:20	5.3	282	17	7.7	0.0
7/01/2024 17:30	5.2	277	17	7.2	0.0
7/01/2024 17:40	4.9	278	19	7.8	0.0
7/01/2024 17:50	4.8	273	19	7.4	0.0
7/01/2024 18:00	4.3	273	24	6.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/01/2024 18:10	4.4	278	20	7.5	0.0
7/01/2024 18:20	4.4	282	17	6.6	0.0
7/01/2024 18:30	3.7	275	24	5.8	0.0
7/01/2024 18:40	3.7	278	20	5.7	0.0
7/01/2024 18:50	4.1	279	18	6.4	0.0
7/01/2024 19:00	3.9	280	20	5.7	0.0
7/01/2024 19:10	3.5	285	19	5.5	0.0
7/01/2024 19:20	3.4	280	20	5.0	0.0
7/01/2024 19:30	3.3	275	22	5.4	0.0
7/01/2024 19:40	3.2	275	21	5.5	0.0
7/01/2024 19:50	3.9	270	22	6.7	0.0
7/01/2024 20:00	3.6	277	22	5.6	0.0
7/01/2024 20:10	3.4	275	20	5.3	0.0
7/01/2024 20:20	2.7	273	32	5.1	0.0
7/01/2024 20:30	2.8	265	25	5.0	0.0
7/01/2024 20:40	2.8	260	30	5.2	0.0
7/01/2024 20:50	2.9	267	28	4.9	0.0
7/01/2024 21:00	2.8	261	28	4.6	0.0
7/01/2024 21:10	3.0	263	28	5.5	0.0
7/01/2024 21:20	3.0	265	28	5.4	0.0
7/01/2024 21:30	3.2	262	27	6.1	0.0
7/01/2024 21:40	3.4	268	25	5.6	0.0
7/01/2024 21:50	2.5	266	36	4.4	0.0
7/01/2024 22:00	2.9	266	27	4.9	0.0
7/01/2024 22:10	2.6	275	35	4.4	0.0
7/01/2024 22:20	2.7	271	28	5.1	0.0
7/01/2024 22:30	2.7	268	24	4.8	0.0
7/01/2024 22:40	2.7	280	26	4.5	0.0
7/01/2024 22:50	2.3	273	25	4.3	0.0
7/01/2024 23:00	2.3	268	29	4.0	0.0
7/01/2024 23:10	2.6	271	29	4.8	0.0
7/01/2024 23:20	2.5	266	34	4.8	0.0
7/01/2024 23:30	2.3	236	50	4.7	0.0
7/01/2024 23:40	2.2	216	63	4.8	0.0
7/01/2024 23:50	2.1	215	56	4.4	0.0
8/01/2024 0:00	2.1	224	60	4.4	0.0
8/01/2024 0:10	2.3	226	49	5.2	0.0
8/01/2024 0:20	1.9	191	64	4.0	0.0
8/01/2024 0:30	1.8	201	62	3.2	0.0
8/01/2024 0:40	1.6	222	76	3.2	0.0
8/01/2024 0:50	1.7	212	63	3.5	0.0
8/01/2024 1:00	1.6	233	58	3.4	0.0
8/01/2024 1:10	1.3	253	62	2.8	0.0
8/01/2024 1:20	1.4	252	77	2.8	0.0
8/01/2024 1:30	1.4	277	53	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/01/2024 1:40	1.8	246	48	4.0	0.0
8/01/2024 1:50	1.9	252	38	3.6	0.0
8/01/2024 2:00	1.3	275	42	2.4	0.0
8/01/2024 2:10	1.4	297	43	2.4	0.0
8/01/2024 2:20	1.7	279	45	3.2	0.0
8/01/2024 2:30	1.9	255	49	3.8	0.0
8/01/2024 2:40	1.9	240	44	3.6	0.0
8/01/2024 2:50	2.3	209	39	4.6	0.0
8/01/2024 3:00	3.3	203	25	5.2	0.0
8/01/2024 3:10	3.4	200	20	5.1	0.0
8/01/2024 3:20	3.6	201	16	5.2	0.0
8/01/2024 3:30	2.8	199	16	4.1	0.0
8/01/2024 3:40	2.4	213	28	4.4	0.0
8/01/2024 3:50	1.9	209	38	3.4	0.0
8/01/2024 4:00	1.6	230	39	2.8	0.0
8/01/2024 4:10	1.7	242	31	3.0	0.0
8/01/2024 4:20	1.5	250	29	2.8	0.0
8/01/2024 4:30	1.4	240	41	2.4	0.0
8/01/2024 4:40	1.4	236	47	2.5	0.0
8/01/2024 4:50	1.8	241	37	3.6	0.0
8/01/2024 5:00	1.8	227	34	3.1	0.0
8/01/2024 5:10	2.1	224	36	4.4	0.0
8/01/2024 5:20	1.9	257	25	3.3	0.0
8/01/2024 5:30	1.8	250	33	3.3	0.0
8/01/2024 5:40	1.3	248	44	2.4	0.0
8/01/2024 5:50	1.9	251	34	3.2	0.0
8/01/2024 6:00	2.1	248	27	3.2	0.0
8/01/2024 6:10	1.6	243	35	3.2	0.0
8/01/2024 6:20	1.4	246	39	3.0	0.0
8/01/2024 6:30	2.1	249	34	3.6	0.0
8/01/2024 6:40	2.1	235	35	4.1	0.0
8/01/2024 6:50	2.4	239	28	3.8	0.0
8/01/2024 7:00	2.4	240	31	4.0	0.0
8/01/2024 7:10	2.2	223	31	4.0	0.0
8/01/2024 7:20	2.3	204	32	4.3	0.0
8/01/2024 7:30	3.1	208	22	5.2	0.0
8/01/2024 7:40	2.5	216	29	4.8	0.0
8/01/2024 7:50	3.0	208	20	5.1	0.0
8/01/2024 8:00	3.3	206	19	5.1	0.0
8/01/2024 8:10	3.3	196	16	4.5	0.0
8/01/2024 8:20	3.8	193	15	5.6	0.0
8/01/2024 8:30	3.6	196	14	5.2	0.0
8/01/2024 8:40	3.5	198	13	4.9	0.0
8/01/2024 8:50	3.5	208	12	4.3	0.0
8/01/2024 9:00	3.2	200	13	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/01/2024 9:10	2.8	199	15	3.9	0.0
8/01/2024 9:20	2.5	200	15	3.8	0.0
8/01/2024 9:30	2.6	198	21	3.9	0.0
8/01/2024 9:40	3.2	205	19	4.9	0.0
8/01/2024 9:50	3.0	193	18	4.4	0.0
8/01/2024 10:00	3.5	198	18	5.0	0.0
8/01/2024 10:10	3.9	209	22	6.0	0.0
8/01/2024 10:20	3.8	206	23	6.1	0.0
8/01/2024 10:30	4.4	192	14	6.5	0.0
8/01/2024 10:40	4.8	197	16	7.2	0.0
8/01/2024 10:50	4.5	205	19	6.4	0.0
8/01/2024 11:00	4.4	201	20	6.3	0.0
8/01/2024 11:10	4.5	205	23	7.2	0.0
8/01/2024 11:20	4.0	206	25	6.7	0.0
8/01/2024 11:30	3.9	199	23	6.4	0.0
8/01/2024 11:40	4.2	206	21	6.8	0.0
8/01/2024 11:50	3.8	204	24	6.4	0.0
8/01/2024 12:00	3.5	223	28	7.4	0.0
8/01/2024 12:10	3.3	256	31	5.5	0.0
8/01/2024 12:20	3.7	269	28	6.2	0.0
8/01/2024 12:30	3.6	261	24	6.0	0.0
8/01/2024 12:40	3.7	269	23	5.6	0.0
8/01/2024 12:50	4.2	268	22	6.4	0.0
8/01/2024 13:00	4.1	272	22	6.4	0.0
8/01/2024 13:10	4.4	279	23	7.1	0.0
8/01/2024 13:20	4.8	272	19	7.0	0.0
8/01/2024 13:30	4.7	270	24	7.5	0.0
8/01/2024 13:40	4.2	266	26	7.1	0.0
8/01/2024 13:50	3.6	269	30	6.4	0.0
8/01/2024 14:00	4.0	277	22	6.6	0.0
8/01/2024 14:10	4.1	282	22	6.7	0.0
8/01/2024 14:20	4.6	283	25	7.1	0.0
8/01/2024 14:30	4.5	285	19	6.9	0.0
8/01/2024 14:40	4.9	284	18	7.2	0.0
8/01/2024 14:50	4.4	287	23	7.2	0.0
8/01/2024 15:00	4.7	288	20	7.2	0.0
8/01/2024 15:10	4.3	290	21	6.6	0.0
8/01/2024 15:20	4.4	285	17	6.6	0.0
8/01/2024 15:30	4.3	286	24	6.4	0.0
8/01/2024 15:40	5.0	284	20	7.4	0.0
8/01/2024 15:50	4.9	278	21	7.7	0.0
8/01/2024 16:00	5.1	280	16	7.6	0.0
8/01/2024 16:10	4.7	277	20	8.3	0.0
8/01/2024 16:20	4.8	278	18	7.3	0.0
8/01/2024 16:30	4.8	279	18	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/01/2024 16:40	4.8	285	18	7.0	0.0
8/01/2024 16:50	5.0	283	21	7.4	0.0
8/01/2024 17:00	4.5	277	21	7.6	0.0
8/01/2024 17:10	4.6	276	18	7.2	0.0
8/01/2024 17:20	4.6	276	22	8.1	0.0
8/01/2024 17:30	4.7	272	23	7.7	0.0
8/01/2024 17:40	5.1	274	21	7.4	0.0
8/01/2024 17:50	4.4	277	18	6.6	0.0
8/01/2024 18:00	4.7	278	19	7.5	0.0
8/01/2024 18:10	5.1	275	18	8.2	0.0
8/01/2024 18:20	4.4	272	24	7.9	0.0
8/01/2024 18:30	4.2	273	24	7.1	0.0
8/01/2024 18:40	4.4	271	21	7.4	0.0
8/01/2024 18:50	4.4	279	22	7.0	0.0
8/01/2024 19:00	4.1	274	27	6.3	0.0
8/01/2024 19:10	4.1	270	25	6.8	0.0
8/01/2024 19:20	4.0	272	29	7.0	0.0
8/01/2024 19:30	3.4	269	37	5.8	0.0
8/01/2024 19:40	3.9	268	30	6.3	0.0
8/01/2024 19:50	3.3	265	41	5.9	0.0
8/01/2024 20:00	3.5	262	40	6.4	0.0
8/01/2024 20:10	3.1	260	50	7.2	0.0
8/01/2024 20:20	3.6	247	35	6.5	0.0
8/01/2024 20:30	3.1	253	49	5.5	0.0
8/01/2024 20:40	2.6	238	56	4.8	0.0
8/01/2024 20:50	3.0	254	48	5.6	0.0
8/01/2024 21:00	2.9	249	45	6.0	0.0
8/01/2024 21:10	2.4	250	68	5.6	0.0
8/01/2024 21:20	2.4	219	63	6.0	0.0
8/01/2024 21:30	2.5	220	64	5.2	0.0
8/01/2024 21:40	2.4	233	57	4.6	0.0
8/01/2024 21:50	1.9	221	65	3.7	0.0
8/01/2024 22:00	2.1	247	63	4.2	0.0
8/01/2024 22:10	2.4	260	44	4.6	0.0
8/01/2024 22:20	2.2	244	67	4.6	0.0
8/01/2024 22:30	1.9	232	73	4.3	0.0
8/01/2024 22:40	2.7	223	51	5.7	0.0
8/01/2024 22:50	2.9	219	48	6.4	0.0
8/01/2024 23:00	2.2	226	53	4.8	0.0
8/01/2024 23:10	2.2	208	67	4.8	0.0
8/01/2024 23:20	2.7	219	47	5.4	0.0
8/01/2024 23:30	3.3	215	40	6.1	0.0
8/01/2024 23:40	3.2	211	37	6.2	0.0
8/01/2024 23:50	3.1	219	27	5.7	0.0
9/01/2024 0:00	3.4	225	39	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/01/2024 0:10	3.2	206	32	5.4	0.0
9/01/2024 0:20	3.3	212	30	6.3	0.0
9/01/2024 0:30	3.4	205	28	6.4	0.0
9/01/2024 0:40	2.9	214	34	5.2	0.0
9/01/2024 0:50	2.3	216	38	4.4	0.0
9/01/2024 1:00	2.6	199	29	4.2	0.0
9/01/2024 1:10	2.5	222	36	5.0	0.0
9/01/2024 1:20	2.1	231	46	4.2	0.0
9/01/2024 1:30	1.4	207	66	2.7	0.0
9/01/2024 1:40	1.8	200	52	3.0	0.0
9/01/2024 1:50	2.2	189	31	3.7	0.0
9/01/2024 2:00	2.5	202	36	4.4	0.0
9/01/2024 2:10	3.3	202	21	5.8	0.0
9/01/2024 2:20	2.2	209	48	4.4	0.0
9/01/2024 2:30	2.6	185	26	4.4	0.0
9/01/2024 2:40	2.8	208	30	5.3	0.0
9/01/2024 2:50	2.3	222	36	4.0	0.0
9/01/2024 3:00	2.8	212	29	4.0	0.0
9/01/2024 3:10	2.0	222	44	4.4	0.0
9/01/2024 3:20	2.4	206	35	4.3	0.0
9/01/2024 3:30	2.4	215	49	4.0	0.0
9/01/2024 3:40	1.9	270	39	3.5	0.0
9/01/2024 3:50	2.1	275	50	4.3	0.0
9/01/2024 4:00	2.0	270	25	3.1	0.0
9/01/2024 4:10	2.4	280	23	3.8	0.0
9/01/2024 4:20	2.7	278	16	3.8	0.0
9/01/2024 4:30	2.5	273	13	3.6	0.0
9/01/2024 4:40	2.1	241	52	4.7	0.0
9/01/2024 4:50	2.7	247	31	5.0	0.0
9/01/2024 5:00	2.8	262	25	5.5	0.0
9/01/2024 5:10	2.4	259	38	4.4	0.0
9/01/2024 5:20	1.9	239	38	3.1	0.0
9/01/2024 5:30	2.0	272	23	3.2	0.0
9/01/2024 5:40	1.3	286	44	2.5	0.0
9/01/2024 5:50	2.1	250	36	3.6	0.0
9/01/2024 6:00	2.1	251	39	3.5	0.0
9/01/2024 6:10	2.0	231	40	3.9	0.0
9/01/2024 6:20	1.9	237	38	3.7	0.0
9/01/2024 6:30	2.2	253	40	3.9	0.0
9/01/2024 6:40	2.3	245	38	4.5	0.0
9/01/2024 6:50	2.1	250	32	3.6	0.0
9/01/2024 7:00	2.6	249	34	4.4	0.0
9/01/2024 7:10	2.0	258	36	4.0	0.0
9/01/2024 7:20	2.0	243	49	3.7	0.0
9/01/2024 7:30	2.8	255	32	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/01/2024 7:40	2.5	264	28	4.3	0.0
9/01/2024 7:50	2.5	254	30	4.7	0.0
9/01/2024 8:00	3.3	253	22	5.2	0.0
9/01/2024 8:10	2.7	260	23	4.4	0.0
9/01/2024 8:20	3.4	265	18	5.3	0.0
9/01/2024 8:30	2.3	234	51	4.4	0.0
9/01/2024 8:40	2.7	254	29	4.4	0.0
9/01/2024 8:50	1.7	242	47	3.3	0.0
9/01/2024 9:00	2.4	254	33	4.2	0.0
9/01/2024 9:10	2.7	263	29	4.2	0.0
9/01/2024 9:20	3.3	278	17	4.8	0.0
9/01/2024 9:30	2.8	264	34	4.2	0.0
9/01/2024 9:40	2.2	267	47	4.0	0.0
9/01/2024 9:50	2.7	288	22	4.4	0.0
9/01/2024 10:00	3.0	290	23	4.5	0.0
9/01/2024 10:10	3.2	285	23	4.8	0.0
9/01/2024 10:20	3.3	283	22	4.8	0.0
9/01/2024 10:30	3.4	280	25	5.4	0.0
9/01/2024 10:40	3.8	271	21	5.7	0.0
9/01/2024 10:50	3.8	277	22	5.5	0.0
9/01/2024 11:00	3.8	279	18	5.5	0.0
9/01/2024 11:10	3.5	283	22	5.4	0.0
9/01/2024 11:20	3.6	271	21	5.4	0.0
9/01/2024 11:30	3.5	271	20	5.2	0.0
9/01/2024 11:40	3.9	272	24	5.1	0.0
9/01/2024 11:50	3.9	272	20	5.6	0.0
9/01/2024 12:00	3.5	262	24	5.2	0.0
9/01/2024 12:10	3.8	254	34	6.4	0.0
9/01/2024 12:20	4.2	266	20	6.0	0.0
9/01/2024 12:30	3.6	267	24	5.6	0.0
9/01/2024 12:40	3.4	253	28	5.4	0.0
9/01/2024 12:50	3.3	259	26	5.3	0.0
9/01/2024 13:00	3.8	278	19	5.4	0.0
9/01/2024 13:10	3.9	284	23	5.6	0.0
9/01/2024 13:20	4.0	298	22	6.4	0.0
9/01/2024 13:30	4.0	295	26	6.1	0.0
9/01/2024 13:40	3.8	292	21	5.2	0.0
9/01/2024 13:50	3.7	288	24	5.8	0.0
9/01/2024 14:00	3.7	288	21	5.5	0.0
9/01/2024 14:10	3.6	287	22	5.6	0.0
9/01/2024 14:20	3.6	276	16	5.2	0.0
9/01/2024 14:30	3.6	278	23	5.6	0.0
9/01/2024 14:40	3.7	279	25	5.9	0.0
9/01/2024 14:50	3.7	274	20	5.9	0.0
9/01/2024 15:00	3.4	279	19	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/01/2024 15:10	3.7	275	23	5.5	0.0
9/01/2024 15:20	4.1	279	22	6.2	0.0
9/01/2024 15:30	3.6	275	21	5.2	0.0
9/01/2024 15:40	4.0	281	21	6.0	0.0
9/01/2024 15:50	4.1	287	21	6.7	0.0
9/01/2024 16:00	4.2	281	18	6.8	0.0
9/01/2024 16:10	3.8	279	19	6.0	0.0
9/01/2024 16:20	4.1	286	19	6.7	0.0
9/01/2024 16:30	4.1	287	20	6.7	0.0
9/01/2024 16:40	4.3	282	23	6.4	0.0
9/01/2024 16:50	3.8	282	21	5.8	0.0
9/01/2024 17:00	3.6	281	21	5.5	0.0
9/01/2024 17:10	4.0	279	16	5.4	0.0
9/01/2024 17:20	3.8	278	17	5.6	0.0
9/01/2024 17:30	3.8	269	21	6.0	0.0
9/01/2024 17:40	4.1	273	17	5.7	0.0
9/01/2024 17:50	4.3	272	18	6.0	0.0
9/01/2024 18:00	3.7	270	24	5.8	0.0
9/01/2024 18:10	3.7	269	30	6.2	0.0
9/01/2024 18:20	3.4	270	31	6.3	0.0
9/01/2024 18:30	3.6	270	20	5.9	0.0
9/01/2024 18:40	3.4	275	21	5.3	0.0
9/01/2024 18:50	3.9	274	16	5.4	0.0
9/01/2024 19:00	3.7	276	15	5.2	0.0
9/01/2024 19:10	3.5	269	25	5.5	0.0
9/01/2024 19:20	3.2	268	23	4.8	0.0
9/01/2024 19:30	3.0	258	24	5.2	0.0
9/01/2024 19:40	3.0	270	24	4.8	0.0
9/01/2024 19:50	3.3	265	28	5.9	0.0
9/01/2024 20:00	2.4	261	33	4.4	0.0
9/01/2024 20:10	3.1	261	36	5.7	0.0
9/01/2024 20:20	3.1	269	27	5.6	0.0
9/01/2024 20:30	2.6	259	39	4.4	0.0
9/01/2024 20:40	3.0	277	23	5.1	0.0
9/01/2024 20:50	2.9	269	31	5.3	0.0
9/01/2024 21:00	3.0	265	28	6.0	0.0
9/01/2024 21:10	2.7	272	31	5.2	0.0
9/01/2024 21:20	2.6	268	31	4.3	0.0
9/01/2024 21:30	3.5	263	20	6.5	0.0
9/01/2024 21:40	2.4	243	39	5.2	0.0
9/01/2024 21:50	1.9	253	48	3.6	0.0
9/01/2024 22:00	2.4	246	47	4.8	0.0
9/01/2024 22:10	2.7	257	40	4.6	0.0
9/01/2024 22:20	2.5	258	33	5.1	0.0
9/01/2024 22:30	2.6	263	35	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/01/2024 22:40	2.8	265	28	4.8	0.0
9/01/2024 22:50	3.0	269	22	4.8	0.0
9/01/2024 23:00	2.4	266	37	4.7	0.0
9/01/2024 23:10	2.2	269	32	4.4	0.0
9/01/2024 23:20	1.8	255	45	4.0	0.0
9/01/2024 23:30	2.1	265	45	4.0	0.0
9/01/2024 23:40	2.0	220	46	4.5	0.0
9/01/2024 23:50	2.0	226	51	4.2	0.0
10/01/2024 0:00	2.0	207	50	4.0	0.0
10/01/2024 0:10	1.9	234	41	3.6	0.0
10/01/2024 0:20	1.6	262	53	2.8	0.0
10/01/2024 0:30	2.3	261	29	4.0	0.0
10/01/2024 0:40	2.1	246	44	5.2	0.0
10/01/2024 0:50	1.8	253	48	3.6	0.0
10/01/2024 1:00	1.8	271	27	3.1	0.0
10/01/2024 1:10	1.9	269	24	3.2	0.0
10/01/2024 1:20	2.4	228	40	5.0	0.0
10/01/2024 1:30	2.1	256	46	3.4	0.0
10/01/2024 1:40	1.8	288	25	3.5	0.0
10/01/2024 1:50	1.8	281	26	2.8	0.0
10/01/2024 2:00	2.2	259	32	4.2	0.0
10/01/2024 2:10	2.2	248	32	3.7	0.0
10/01/2024 2:20	2.5	246	24	4.6	0.0
10/01/2024 2:30	2.8	245	26	5.2	0.0
10/01/2024 2:40	2.2	257	29	3.8	0.0
10/01/2024 2:50	2.1	259	30	3.8	0.0
10/01/2024 3:00	1.9	249	57	4.2	0.0
10/01/2024 3:10	2.5	217	49	4.9	0.0
10/01/2024 3:20	4.6	203	22	7.3	0.0
10/01/2024 3:30	4.7	202	17	7.5	0.0
10/01/2024 3:40	4.1	201	19	6.7	0.0
10/01/2024 3:50	3.5	205	26	5.8	0.0
10/01/2024 4:00	2.8	226	38	5.1	0.0
10/01/2024 4:10	3.2	216	34	6.6	0.0
10/01/2024 4:20	3.1	203	32	5.2	0.0
10/01/2024 4:30	2.6	249	37	5.0	0.0
10/01/2024 4:40	3.4	216	34	6.3	0.0
10/01/2024 4:50	5.1	200	15	7.7	0.0
10/01/2024 5:00	5.5	202	15	8.0	0.0
10/01/2024 5:10	4.9	200	19	8.2	0.0
10/01/2024 5:20	5.3	199	14	8.1	0.0
10/01/2024 5:30	6.2	201	11	8.4	0.0
10/01/2024 5:40	6.4	201	10	8.3	0.0
10/01/2024 5:50	5.9	202	11	7.7	0.0
10/01/2024 6:00	6.0	200	12	8.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 6:10	6.1	201	11	7.9	0.0
10/01/2024 6:20	5.8	201	12	7.8	0.0
10/01/2024 6:30	5.0	200	12	6.9	0.0
10/01/2024 6:40	5.8	197	12	8.1	0.0
10/01/2024 6:50	5.5	202	12	7.1	0.0
10/01/2024 7:00	4.2	204	17	5.9	0.0
10/01/2024 7:10	3.2	205	21	4.8	0.0
10/01/2024 7:20	4.2	207	16	5.7	0.0
10/01/2024 7:30	3.1	232	29	5.8	0.0
10/01/2024 7:40	2.6	257	20	4.9	0.0
10/01/2024 7:50	2.1	272	21	2.8	0.0
10/01/2024 8:00	2.1	274	20	3.1	0.0
10/01/2024 8:10	2.7	287	20	4.0	0.0
10/01/2024 8:20	3.0	277	16	4.6	0.0
10/01/2024 8:30	2.3	262	31	3.7	0.0
10/01/2024 8:40	3.1	289	26	4.9	0.0
10/01/2024 8:50	3.1	290	20	4.3	0.0
10/01/2024 9:00	2.9	291	20	4.2	0.0
10/01/2024 9:10	3.6	296	20	5.2	0.0
10/01/2024 9:20	3.2	278	21	5.0	0.0
10/01/2024 9:30	3.4	272	19	4.8	0.0
10/01/2024 9:40	3.8	274	17	5.2	0.0
10/01/2024 9:50	3.4	272	21	5.2	0.0
10/01/2024 10:00	3.6	277	22	5.4	0.0
10/01/2024 10:10	3.6	269	22	5.4	0.0
10/01/2024 10:20	4.0	265	17	5.7	0.0
10/01/2024 10:30	4.4	267	15	6.1	0.0
10/01/2024 10:40	4.3	272	15	5.9	0.0
10/01/2024 10:50	4.0	268	16	6.2	0.0
10/01/2024 11:00	4.2	274	19	6.3	0.0
10/01/2024 11:10	4.2	279	17	6.2	0.0
10/01/2024 11:20	4.4	280	16	6.0	0.0
10/01/2024 11:30	4.2	278	20	6.0	0.0
10/01/2024 11:40	4.1	280	22	6.2	0.0
10/01/2024 11:50	4.2	281	21	6.4	0.0
10/01/2024 12:00	4.2	280	20	6.2	0.0
10/01/2024 12:10	4.5	296	19	6.5	0.0
10/01/2024 12:20	4.2	289	26	6.9	0.0
10/01/2024 12:30	3.8	291	21	5.7	0.0
10/01/2024 12:40	4.2	280	22	6.2	0.0
10/01/2024 12:50	4.1	275	20	5.7	0.0
10/01/2024 13:00	4.1	276	20	6.6	0.0
10/01/2024 13:10	4.1	269	21	6.2	0.0
10/01/2024 13:20	4.4	280	20	6.8	0.0
10/01/2024 13:30	4.1	276	21	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 13:40	4.0	281	22	6.6	0.0
10/01/2024 13:50	4.1	284	20	6.0	0.0
10/01/2024 14:00	4.1	281	19	6.7	0.0
10/01/2024 14:10	4.1	281	20	5.8	0.0
10/01/2024 14:20	3.9	280	19	6.0	0.0
10/01/2024 14:30	4.2	280	17	6.0	0.0
10/01/2024 14:40	4.3	281	21	6.2	0.0
10/01/2024 14:50	4.4	282	22	6.5	0.0
10/01/2024 15:00	4.9	285	21	7.2	0.0
10/01/2024 15:10	4.1	279	25	7.2	0.0
10/01/2024 15:20	4.9	282	18	7.2	0.0
10/01/2024 15:30	4.6	275	17	6.8	0.0
10/01/2024 15:40	4.8	281	15	6.7	0.0
10/01/2024 15:50	4.7	274	18	6.8	0.0
10/01/2024 16:00	5.0	279	18	7.2	0.0
10/01/2024 16:10	4.8	281	17	6.9	0.0
10/01/2024 16:20	5.0	272	19	7.3	0.0
10/01/2024 16:30	5.0	277	19	7.5	0.0
10/01/2024 16:40	5.1	276	16	8.1	0.0
10/01/2024 16:50	5.1	275	17	7.0	0.0
10/01/2024 17:00	4.6	276	18	7.9	0.0
10/01/2024 17:10	4.9	275	17	7.3	0.0
10/01/2024 17:20	4.7	278	21	7.5	0.0
10/01/2024 17:30	4.9	281	18	7.8	0.0
10/01/2024 17:40	5.0	279	20	7.9	0.0
10/01/2024 17:50	5.2	271	19	7.6	0.0
10/01/2024 18:00	4.7	273	19	7.5	0.0
10/01/2024 18:10	4.7	268	22	7.6	0.0
10/01/2024 18:20	4.7	272	21	7.4	0.0
10/01/2024 18:30	4.7	272	20	7.2	0.0
10/01/2024 18:40	4.6	272	22	7.0	0.0
10/01/2024 18:50	4.5	268	23	7.5	0.0
10/01/2024 19:00	4.7	269	21	7.3	0.0
10/01/2024 19:10	4.4	266	32	7.2	0.0
10/01/2024 19:20	3.9	268	30	6.8	0.0
10/01/2024 19:30	4.0	271	25	6.5	0.0
10/01/2024 19:40	4.1	269	29	7.0	0.0
10/01/2024 19:50	4.2	268	27	6.9	0.0
10/01/2024 20:00	3.8	266	37	6.8	0.0
10/01/2024 20:10	2.8	255	48	5.2	0.0
10/01/2024 20:20	3.0	253	46	6.5	0.0
10/01/2024 20:30	3.3	241	46	7.0	0.0
10/01/2024 20:40	3.3	261	38	5.6	0.0
10/01/2024 20:50	3.1	258	41	6.4	0.0
10/01/2024 21:00	2.9	242	49	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/01/2024 21:10	3.3	270	30	5.4	0.0
10/01/2024 21:20	4.2	274	22	6.0	0.0
10/01/2024 21:30	3.2	270	28	5.5	0.0
10/01/2024 21:40	3.2	260	30	6.0	0.0
10/01/2024 21:50	3.4	273	25	6.1	0.0
10/01/2024 22:00	3.3	262	37	7.1	0.0
10/01/2024 22:10	3.4	273	26	6.2	0.0
10/01/2024 22:20	3.0	266	31	5.0	0.0
10/01/2024 22:30	3.1	267	26	5.7	0.0
10/01/2024 22:40	3.8	271	22	6.3	0.0
10/01/2024 22:50	3.8	265	25	6.0	0.0
10/01/2024 23:00	3.1	277	31	5.6	0.0
10/01/2024 23:10	3.4	276	22	5.8	0.0
10/01/2024 23:20	2.9	270	29	4.7	0.0
10/01/2024 23:30	3.2	271	24	5.8	0.0
10/01/2024 23:40	3.7	278	22	6.4	0.0
10/01/2024 23:50	3.5	265	29	6.0	0.0
11/01/2024 0:00	3.5	273	22	5.9	0.0
11/01/2024 0:10	3.4	275	21	6.0	0.0
11/01/2024 0:20	2.9	274	27	5.4	0.0
11/01/2024 0:30	2.4	279	40	4.0	0.0
11/01/2024 0:40	2.4	256	38	4.4	0.0
11/01/2024 0:50	2.2	267	48	4.0	0.0
11/01/2024 1:00	2.3	268	39	4.4	0.0
11/01/2024 1:10	1.4	188	73	2.9	0.0
11/01/2024 1:20	1.8	168	30	3.2	0.0
11/01/2024 1:30	2.2	247	28	3.2	0.0
11/01/2024 1:40	1.9	231	30	3.4	0.0
11/01/2024 1:50	1.7	262	24	2.8	0.0
11/01/2024 2:00	1.9	265	16	2.7	0.0
11/01/2024 2:10	1.8	268	24	3.0	0.0
11/01/2024 2:20	1.5	235	40	2.6	0.0
11/01/2024 2:30	1.6	277	16	2.2	0.0
11/01/2024 2:40	1.0	169	32	1.9	0.0
11/01/2024 2:50	1.3	299	19	2.4	0.0
11/01/2024 3:00	0.9	323	29	2.1	0.0
11/01/2024 3:10	1.5	274	20	2.6	0.0
11/01/2024 3:20	1.0	282	16	1.7	0.0
11/01/2024 3:30	0.4	339	13	1.0	0.0
11/01/2024 3:40	0.7	199	23	1.2	0.0
11/01/2024 3:50	0.8	216	29	1.4	0.0
11/01/2024 4:00	0.3	184	5	1.2	0.0
11/01/2024 4:10	1.1	81	12	1.6	0.0
11/01/2024 4:20	1.0	67	15	2.4	0.0
11/01/2024 4:30	1.0	69	15	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 4:40	0.4	31	14	0.9	0.0
11/01/2024 4:50	1.2	296	12	2.0	0.0
11/01/2024 5:00	1.1	275	15	1.6	0.0
11/01/2024 5:10	1.0	271	13	1.4	0.0
11/01/2024 5:20	1.2	284	25	1.6	0.0
11/01/2024 5:30	1.2	280	18	1.9	0.0
11/01/2024 5:40	0.7	246	19	1.8	0.0
11/01/2024 5:50	1.2	249	38	2.0	0.0
11/01/2024 6:00	1.4	270	20	2.3	0.0
11/01/2024 6:10	1.8	271	20	2.8	0.0
11/01/2024 6:20	0.5	252	42	1.1	0.0
11/01/2024 6:30	1.2	254	39	2.0	0.0
11/01/2024 6:40	1.4	255	28	2.7	0.0
11/01/2024 6:50	1.6	269	25	3.0	0.0
11/01/2024 7:00	2.2	270	16	3.2	0.0
11/01/2024 7:10	2.1	274	18	3.3	0.0
11/01/2024 7:20	2.6	270	16	4.0	0.0
11/01/2024 7:30	2.4	265	21	4.0	0.0
11/01/2024 7:40	2.4	264	27	4.2	0.0
11/01/2024 7:50	2.8	267	18	4.0	0.0
11/01/2024 8:00	2.8	270	20	4.4	0.0
11/01/2024 8:10	2.6	260	23	4.4	0.0
11/01/2024 8:20	2.2	243	30	3.9	0.0
11/01/2024 8:30	2.9	195	19	4.4	0.0
11/01/2024 8:40	2.7	171	20	4.2	0.0
11/01/2024 8:50	3.0	155	23	4.4	0.0
11/01/2024 9:00	2.0	136	39	3.2	0.0
11/01/2024 9:10	1.7	73	37	2.6	0.0
11/01/2024 9:20	1.5	109	37	2.3	0.0
11/01/2024 9:30	1.8	80	21	2.7	0.0
11/01/2024 9:40	1.7	74	21	2.6	0.0
11/01/2024 9:50	2.2	71	16	3.2	0.0
11/01/2024 10:00	1.9	60	17	2.8	0.0
11/01/2024 10:10	1.5	25	27	2.6	0.0
11/01/2024 10:20	2.3	50	15	3.0	0.0
11/01/2024 10:30	1.2	58	34	2.3	0.0
11/01/2024 10:40	1.4	189	31	2.5	0.0
11/01/2024 10:50	1.0	274	33	2.3	0.0
11/01/2024 11:00	1.8	217	38	2.7	0.0
11/01/2024 11:10	2.4	80	29	4.0	0.0
11/01/2024 11:20	2.6	79	22	3.4	0.0
11/01/2024 11:30	2.4	85	28	4.0	0.0
11/01/2024 11:40	3.0	70	15	4.0	0.0
11/01/2024 11:50	3.0	58	14	3.7	0.0
11/01/2024 12:00	2.4	59	17	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 12:10	1.9	52	36	2.9	0.0
11/01/2024 12:20	1.5	151	57	3.1	0.0
11/01/2024 12:30	2.6	77	35	4.0	0.0
11/01/2024 12:40	3.2	55	12	4.4	0.0
11/01/2024 12:50	4.7	61	8	5.6	0.0
11/01/2024 13:00	4.3	68	9	5.5	0.0
11/01/2024 13:10	3.7	66	13	5.5	0.0
11/01/2024 13:20	3.7	69	13	5.4	0.0
11/01/2024 13:30	4.0	63	9	5.1	0.0
11/01/2024 13:40	3.4	69	14	4.4	0.0
11/01/2024 13:50	2.9	72	17	4.3	0.0
11/01/2024 14:00	3.5	63	15	5.1	0.0
11/01/2024 14:10	2.8	63	19	3.8	0.0
11/01/2024 14:20	2.6	152	47	4.0	0.0
11/01/2024 14:30	3.5	256	20	4.8	0.0
11/01/2024 14:40	3.8	268	21	5.4	0.0
11/01/2024 14:50	3.7	271	22	5.3	0.0
11/01/2024 15:00	3.8	280	20	5.5	0.0
11/01/2024 15:10	3.7	279	21	5.4	0.0
11/01/2024 15:20	4.0	270	21	6.2	0.0
11/01/2024 15:30	4.1	271	21	6.0	0.0
11/01/2024 15:40	4.2	276	19	6.7	0.0
11/01/2024 15:50	4.1	276	22	6.5	0.0
11/01/2024 16:00	3.2	267	31	6.0	0.0
11/01/2024 16:10	4.1	268	25	6.4	0.0
11/01/2024 16:20	3.5	271	29	6.2	0.0
11/01/2024 16:30	4.0	263	28	6.5	0.0
11/01/2024 16:40	3.4	265	38	6.8	0.0
11/01/2024 16:50	4.6	265	27	7.5	0.0
11/01/2024 17:00	3.5	268	33	6.5	0.0
11/01/2024 17:10	4.2	280	19	6.4	0.0
11/01/2024 17:20	4.5	274	19	7.6	0.0
11/01/2024 17:30	4.3	273	18	7.4	0.0
11/01/2024 17:40	4.9	269	22	6.9	0.0
11/01/2024 17:50	4.5	273	17	6.3	0.0
11/01/2024 18:00	4.3	274	18	6.9	0.0
11/01/2024 18:10	3.7	273	25	6.2	0.0
11/01/2024 18:20	3.8	265	28	6.4	0.0
11/01/2024 18:30	3.8	259	34	7.0	0.0
11/01/2024 18:40	3.9	268	29	6.6	0.0
11/01/2024 18:50	3.8	274	19	6.0	0.0
11/01/2024 19:00	4.1	269	24	6.2	0.0
11/01/2024 19:10	4.1	273	19	6.6	0.0
11/01/2024 19:20	3.3	269	28	5.8	0.0
11/01/2024 19:30	3.0	270	32	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/01/2024 19:40	2.4	257	41	5.0	0.0
11/01/2024 19:50	3.3	260	29	5.7	0.0
11/01/2024 20:00	3.2	272	26	5.6	0.0
11/01/2024 20:10	2.9	256	36	5.0	0.0
11/01/2024 20:20	3.0	262	36	6.1	0.0
11/01/2024 20:30	3.2	275	25	5.2	0.0
11/01/2024 20:40	3.1	276	23	5.2	0.0
11/01/2024 20:50	3.6	274	19	5.7	0.0
11/01/2024 21:00	3.9	271	20	6.0	0.0
11/01/2024 21:10	3.5	269	25	5.6	0.0
11/01/2024 21:20	3.6	274	19	5.4	0.0
11/01/2024 21:30	3.5	275	26	5.0	0.0
11/01/2024 21:40	4.2	271	19	6.6	0.0
11/01/2024 21:50	3.9	274	18	6.0	0.0
11/01/2024 22:00	3.6	276	20	6.2	0.0
11/01/2024 22:10	3.5	274	22	5.5	0.0
11/01/2024 22:20	3.4	271	20	4.8	0.0
11/01/2024 22:30	2.8	279	29	4.8	0.0
11/01/2024 22:40	3.0	277	24	4.8	0.0
11/01/2024 22:50	2.2	264	35	4.0	0.0
11/01/2024 23:00	2.9	261	30	5.6	0.0
11/01/2024 23:10	2.5	259	35	4.4	0.0
11/01/2024 23:20	2.9	268	31	5.7	0.0
11/01/2024 23:30	2.6	256	42	4.8	0.0
11/01/2024 23:40	2.9	256	33	5.4	0.0
11/01/2024 23:50	2.4	263	43	5.4	0.0
12/01/2024 0:00	2.5	260	51	5.3	0.0
12/01/2024 0:10	3.0	261	30	5.6	0.0
12/01/2024 0:20	2.7	250	45	5.8	0.0
12/01/2024 0:30	3.0	246	37	4.7	0.0
12/01/2024 0:40	2.1	255	54	3.3	0.0
12/01/2024 0:50	2.4	260	53	5.3	0.0
12/01/2024 1:00	2.1	223	63	4.8	0.0
12/01/2024 1:10	2.0	245	65	4.2	0.0
12/01/2024 1:20	2.2	243	55	3.7	0.0
12/01/2024 1:30	1.9	259	61	3.7	0.0
12/01/2024 1:40	1.8	230	59	3.2	0.0
12/01/2024 1:50	2.2	267	45	4.5	0.0
12/01/2024 2:00	2.4	264	46	5.2	0.0
12/01/2024 2:10	2.4	240	42	5.0	0.0
12/01/2024 2:20	2.0	249	51	3.9	0.0
12/01/2024 2:30	1.7	252	48	3.4	0.0
12/01/2024 2:40	2.1	264	44	4.4	0.0
12/01/2024 2:50	2.0	247	50	4.0	0.0
12/01/2024 3:00	2.1	258	45	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 3:10	2.2	242	41	4.2	0.0
12/01/2024 3:20	2.3	242	42	4.4	0.0
12/01/2024 3:30	1.9	233	64	3.6	0.0
12/01/2024 3:40	2.0	270	65	4.0	0.0
12/01/2024 3:50	1.6	238	72	3.8	0.0
12/01/2024 4:00	2.3	240	52	4.8	0.0
12/01/2024 4:10	2.1	264	37	3.8	0.0
12/01/2024 4:20	2.4	266	44	5.4	0.0
12/01/2024 4:30	1.8	255	60	4.0	0.0
12/01/2024 4:40	2.2	263	45	4.8	0.0
12/01/2024 4:50	1.8	288	37	2.8	0.0
12/01/2024 5:00	2.2	286	16	3.5	0.0
12/01/2024 5:10	2.1	281	20	3.6	0.0
12/01/2024 5:20	2.3	279	22	3.3	0.0
12/01/2024 5:30	2.0	282	16	3.2	0.0
12/01/2024 5:40	2.3	281	16	3.4	0.0
12/01/2024 5:50	2.4	283	14	3.5	0.0
12/01/2024 6:00	1.3	266	41	2.1	0.0
12/01/2024 6:10	1.5	263	51	2.8	0.0
12/01/2024 6:20	1.6	241	39	2.7	0.0
12/01/2024 6:30	1.0	228	59	2.3	0.0
12/01/2024 6:40	1.6	291	18	2.4	0.0
12/01/2024 6:50	1.6	288	16	2.1	0.0
12/01/2024 7:00	1.9	281	14	2.8	0.0
12/01/2024 7:10	1.8	273	15	2.7	0.0
12/01/2024 7:20	1.6	281	24	2.4	0.0
12/01/2024 7:30	1.8	277	20	2.7	0.0
12/01/2024 7:40	2.3	282	21	3.5	0.0
12/01/2024 7:50	2.7	273	20	4.1	0.0
12/01/2024 8:00	2.8	265	25	4.3	0.0
12/01/2024 8:10	3.1	267	18	4.4	0.0
12/01/2024 8:20	3.1	276	18	4.4	0.0
12/01/2024 8:30	3.0	279	22	4.8	0.0
12/01/2024 8:40	3.5	278	21	5.6	0.0
12/01/2024 8:50	3.1	276	19	4.7	0.0
12/01/2024 9:00	3.3	277	21	4.9	0.0
12/01/2024 9:10	3.2	275	21	5.2	0.0
12/01/2024 9:20	3.6	279	19	5.0	0.0
12/01/2024 9:30	3.6	278	17	5.4	0.0
12/01/2024 9:40	3.5	276	23	5.1	0.0
12/01/2024 9:50	3.8	264	21	5.7	0.0
12/01/2024 10:00	3.6	276	21	5.6	0.0
12/01/2024 10:10	3.7	277	18	6.0	0.0
12/01/2024 10:20	3.7	283	22	5.6	0.0
12/01/2024 10:30	3.5	282	22	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 10:40	3.8	286	23	5.8	0.0
12/01/2024 10:50	3.5	276	21	5.5	0.0
12/01/2024 11:00	4.2	273	21	6.2	0.0
12/01/2024 11:10	3.8	277	23	6.0	0.0
12/01/2024 11:20	3.8	275	19	5.6	0.0
12/01/2024 11:30	3.9	279	23	5.9	0.0
12/01/2024 11:40	3.8	273	21	5.6	0.0
12/01/2024 11:50	3.8	276	21	5.2	0.0
12/01/2024 12:00	3.4	272	25	5.2	0.0
12/01/2024 12:10	3.8	282	26	5.6	0.0
12/01/2024 12:20	3.7	273	21	5.2	0.0
12/01/2024 12:30	3.7	281	22	6.0	0.0
12/01/2024 12:40	3.8	269	18	5.6	0.0
12/01/2024 12:50	3.7	276	17	5.1	0.0
12/01/2024 13:00	3.6	277	17	5.2	0.0
12/01/2024 13:10	3.4	273	21	5.2	0.0
12/01/2024 13:20	3.7	271	25	5.2	0.0
12/01/2024 13:30	3.5	276	25	6.4	0.0
12/01/2024 13:40	3.3	274	22	4.8	0.0
12/01/2024 13:50	3.6	275	20	5.2	0.0
12/01/2024 14:00	3.7	266	21	5.6	0.0
12/01/2024 14:10	4.2	263	18	6.1	0.0
12/01/2024 14:20	4.4	272	16	6.0	0.0
12/01/2024 14:30	4.0	268	17	6.3	0.0
12/01/2024 14:40	4.1	269	20	6.3	0.0
12/01/2024 14:50	4.4	266	21	6.4	0.0
12/01/2024 15:00	4.7	263	19	6.6	0.0
12/01/2024 15:10	4.1	270	24	6.4	0.0
12/01/2024 15:20	4.5	267	21	6.8	0.0
12/01/2024 15:30	4.6	268	19	7.5	0.0
12/01/2024 15:40	4.7	276	18	6.8	0.0
12/01/2024 15:50	4.2	261	23	6.8	0.0
12/01/2024 16:00	4.5	271	21	7.1	0.0
12/01/2024 16:10	4.8	271	24	7.3	0.0
12/01/2024 16:20	4.7	272	19	7.3	0.0
12/01/2024 16:30	4.8	269	23	8.3	0.0
12/01/2024 16:40	4.5	270	19	6.5	0.0
12/01/2024 16:50	3.6	249	33	6.8	0.0
12/01/2024 17:00	2.8	233	42	4.6	0.0
12/01/2024 17:10	3.3	264	27	5.7	0.0
12/01/2024 17:20	3.3	245	36	5.6	0.0
12/01/2024 17:30	3.3	267	24	5.6	0.0
12/01/2024 17:40	3.4	278	20	5.1	0.0
12/01/2024 17:50	3.5	275	18	5.3	0.0
12/01/2024 18:00	3.8	280	16	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/01/2024 18:10	3.5	278	16	4.9	0.0
12/01/2024 18:20	3.6	276	16	5.5	0.0
12/01/2024 18:30	3.8	273	13	5.6	0.0
12/01/2024 18:40	3.9	274	16	5.6	0.0
12/01/2024 18:50	3.6	272	16	5.3	0.0
12/01/2024 19:00	3.7	265	31	5.6	0.0
12/01/2024 19:10	3.9	272	17	6.4	0.0
12/01/2024 19:20	3.9	272	18	5.8	0.0
12/01/2024 19:30	4.0	270	20	5.7	0.0
12/01/2024 19:40	3.3	266	26	5.2	0.0
12/01/2024 19:50	3.3	263	21	5.6	0.0
12/01/2024 20:00	3.2	270	20	5.2	0.0
12/01/2024 20:10	2.9	267	20	4.3	0.0
12/01/2024 20:20	3.3	263	25	5.3	0.0
12/01/2024 20:30	2.7	254	37	6.2	0.0
12/01/2024 20:40	2.3	241	45	4.2	0.0
12/01/2024 20:50	2.6	243	46	5.7	0.0
12/01/2024 21:00	2.3	246	41	4.0	0.0
12/01/2024 21:10	2.2	246	49	4.5	0.0
12/01/2024 21:20	2.4	231	37	4.1	0.0
12/01/2024 21:30	3.8	252	17	5.6	0.0
12/01/2024 21:40	4.2	250	14	5.7	0.0
12/01/2024 21:50	3.1	245	24	4.8	0.0
12/01/2024 22:00	3.1	254	21	5.0	0.0
12/01/2024 22:10	3.1	252	18	4.8	0.0
12/01/2024 22:20	2.8	261	19	4.4	0.0
12/01/2024 22:30	2.6	253	20	4.1	0.0
12/01/2024 22:40	2.6	251	20	3.9	0.0
12/01/2024 22:50	2.7	261	15	3.8	0.0
12/01/2024 23:00	2.9	266	14	4.4	0.0
12/01/2024 23:10	1.6	225	48	3.2	0.0
12/01/2024 23:20	2.1	227	29	4.2	0.0
12/01/2024 23:30	1.8	228	35	3.9	0.0
12/01/2024 23:40	2.2	273	26	3.6	0.0
12/01/2024 23:50	2.4	266	29	3.9	0.0
13/01/2024 0:00	2.7	271	26	5.1	0.0
13/01/2024 0:10	2.9	264	28	4.9	0.0
13/01/2024 0:20	2.7	268	24	4.4	0.0
13/01/2024 0:30	2.6	265	23	4.6	0.0
13/01/2024 0:40	2.7	263	24	4.4	0.0
13/01/2024 0:50	2.4	267	26	4.8	0.0
13/01/2024 1:00	2.4	266	25	3.6	0.0
13/01/2024 1:10	2.9	277	17	4.6	0.0
13/01/2024 1:20	2.4	262	28	4.5	0.0
13/01/2024 1:30	2.0	264	33	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 1:40	2.2	251	32	4.5	0.0
13/01/2024 1:50	2.6	266	25	4.5	0.0
13/01/2024 2:00	2.6	259	30	4.0	0.0
13/01/2024 2:10	1.9	258	41	3.7	0.0
13/01/2024 2:20	2.4	271	34	4.0	0.0
13/01/2024 2:30	2.6	268	35	4.6	0.0
13/01/2024 2:40	2.2	255	48	4.4	0.0
13/01/2024 2:50	2.6	264	29	4.2	0.0
13/01/2024 3:00	1.9	267	42	3.6	0.0
13/01/2024 3:10	2.2	268	38	4.4	0.0
13/01/2024 3:20	2.4	261	34	4.1	0.0
13/01/2024 3:30	2.5	249	38	5.2	0.0
13/01/2024 3:40	2.2	255	42	4.2	0.0
13/01/2024 3:50	2.6	262	32	4.6	0.0
13/01/2024 4:00	2.7	264	31	4.5	0.0
13/01/2024 4:10	2.5	261	32	4.1	0.0
13/01/2024 4:20	2.4	262	36	4.1	0.0
13/01/2024 4:30	2.4	264	27	4.1	0.0
13/01/2024 4:40	2.0	268	44	3.9	0.0
13/01/2024 4:50	1.6	261	48	3.1	0.0
13/01/2024 5:00	1.9	265	38	3.3	0.0
13/01/2024 5:10	2.1	253	34	3.8	0.0
13/01/2024 5:20	2.3	268	34	4.0	0.0
13/01/2024 5:30	2.2	275	24	4.1	0.0
13/01/2024 5:40	1.7	265	57	3.1	0.0
13/01/2024 5:50	1.9	269	40	3.1	0.0
13/01/2024 6:00	1.8	246	59	3.6	0.0
13/01/2024 6:10	2.5	264	39	4.4	0.0
13/01/2024 6:20	2.3	258	34	4.1	0.0
13/01/2024 6:30	2.3	256	25	4.4	0.0
13/01/2024 6:40	2.3	268	21	4.0	0.0
13/01/2024 6:50	2.2	250	28	4.3	0.0
13/01/2024 7:00	2.5	260	31	4.8	0.0
13/01/2024 7:10	2.5	257	35	4.5	0.0
13/01/2024 7:20	2.5	258	29	4.9	0.0
13/01/2024 7:30	3.1	269	29	5.6	0.0
13/01/2024 7:40	2.2	246	60	4.9	0.0
13/01/2024 7:50	2.0	244	50	4.0	0.0
13/01/2024 8:00	3.0	261	29	5.3	0.0
13/01/2024 8:10	2.9	258	24	5.1	0.0
13/01/2024 8:20	3.0	262	26	5.6	0.0
13/01/2024 8:30	3.0	270	23	5.0	0.0
13/01/2024 8:40	2.8	265	27	4.5	0.0
13/01/2024 8:50	3.5	277	19	5.6	0.0
13/01/2024 9:00	4.0	272	18	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 9:10	4.0	274	20	6.4	0.0
13/01/2024 9:20	4.4	277	20	6.8	0.0
13/01/2024 9:30	4.4	275	22	6.4	0.0
13/01/2024 9:40	4.3	272	19	6.8	0.0
13/01/2024 9:50	4.0	276	22	6.3	0.0
13/01/2024 10:00	4.6	273	19	7.2	0.0
13/01/2024 10:10	4.7	269	21	6.8	0.0
13/01/2024 10:20	4.4	275	22	6.7	0.0
13/01/2024 10:30	4.5	277	19	6.9	0.0
13/01/2024 10:40	4.6	279	21	6.9	0.0
13/01/2024 10:50	4.4	281	21	6.8	0.0
13/01/2024 11:00	4.5	273	19	6.8	0.0
13/01/2024 11:10	5.0	269	23	7.5	0.0
13/01/2024 11:20	4.9	270	20	7.4	0.0
13/01/2024 11:30	4.8	272	23	7.2	0.0
13/01/2024 11:40	4.9	267	20	7.9	0.0
13/01/2024 11:50	4.6	272	25	7.5	0.0
13/01/2024 12:00	5.3	270	20	8.3	0.0
13/01/2024 12:10	5.3	274	20	7.6	0.0
13/01/2024 12:20	4.8	268	21	7.1	0.0
13/01/2024 12:30	5.2	268	24	8.3	0.0
13/01/2024 12:40	5.0	267	21	8.2	0.0
13/01/2024 12:50	5.3	268	21	7.9	0.0
13/01/2024 13:00	5.4	270	17	7.6	0.0
13/01/2024 13:10	5.5	268	21	8.1	0.0
13/01/2024 13:20	5.1	275	20	8.2	0.0
13/01/2024 13:30	5.4	269	22	8.3	0.0
13/01/2024 13:40	5.4	264	22	8.7	0.0
13/01/2024 13:50	5.9	267	24	9.3	0.0
13/01/2024 14:00	5.6	267	21	8.4	0.0
13/01/2024 14:10	5.8	270	20	9.0	0.0
13/01/2024 14:20	5.6	273	18	8.4	0.0
13/01/2024 14:30	4.9	277	20	8.1	0.0
13/01/2024 14:40	5.1	268	23	7.9	0.0
13/01/2024 14:50	5.4	272	22	8.3	0.0
13/01/2024 15:00	4.7	269	24	8.5	0.0
13/01/2024 15:10	4.4	259	34	8.2	0.0
13/01/2024 15:20	4.0	257	40	7.9	0.0
13/01/2024 15:30	5.2	271	25	8.8	0.0
13/01/2024 15:40	5.3	272	24	8.3	0.0
13/01/2024 15:50	4.9	271	23	7.5	0.0
13/01/2024 16:00	5.8	266	18	9.0	0.0
13/01/2024 16:10	5.5	268	28	8.6	0.0
13/01/2024 16:20	5.9	269	23	8.8	0.0
13/01/2024 16:30	5.9	276	18	9.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/01/2024 16:40	5.4	276	20	8.6	0.0
13/01/2024 16:50	5.5	275	21	8.3	0.0
13/01/2024 17:00	5.2	277	22	7.6	0.0
13/01/2024 17:10	4.8	272	23	7.0	0.0
13/01/2024 17:20	5.2	273	21	7.7	0.0
13/01/2024 17:30	5.1	274	22	8.0	0.0
13/01/2024 17:40	5.0	273	21	7.5	0.0
13/01/2024 17:50	5.3	275	18	7.9	0.0
13/01/2024 18:00	4.8	268	24	7.5	0.0
13/01/2024 18:10	5.1	270	19	7.9	0.0
13/01/2024 18:20	4.2	270	28	7.0	0.0
13/01/2024 18:30	4.7	268	23	7.5	0.0
13/01/2024 18:40	4.0	269	33	6.8	0.0
13/01/2024 18:50	4.3	271	34	7.2	0.0
13/01/2024 19:00	3.6	257	42	7.1	0.0
13/01/2024 19:10	3.8	269	36	6.4	0.0
13/01/2024 19:20	3.6	262	38	6.8	0.0
13/01/2024 19:30	3.5	266	42	6.7	0.0
13/01/2024 19:40	3.2	264	41	6.4	0.0
13/01/2024 19:50	3.6	264	31	5.8	0.0
13/01/2024 20:00	3.4	268	35	7.2	0.0
13/01/2024 20:10	3.5	271	26	7.0	0.0
13/01/2024 20:20	3.2	262	43	6.0	0.0
13/01/2024 20:30	3.6	258	38	6.6	0.0
13/01/2024 20:40	3.4	252	36	6.4	0.0
13/01/2024 20:50	3.5	243	39	6.8	0.0
13/01/2024 21:00	3.6	259	36	7.1	0.0
13/01/2024 21:10	2.5	246	48	5.2	0.0
13/01/2024 21:20	3.0	254	35	5.8	0.0
13/01/2024 21:30	3.3	251	40	6.1	0.0
13/01/2024 21:40	3.0	247	47	7.4	0.0
13/01/2024 21:50	2.7	254	49	5.6	0.0
13/01/2024 22:00	2.7	252	49	5.5	0.0
13/01/2024 22:10	2.3	256	52	4.9	0.0
13/01/2024 22:20	2.9	259	36	5.0	0.0
13/01/2024 22:30	3.2	255	31	5.1	0.0
13/01/2024 22:40	2.5	257	55	4.8	0.0
13/01/2024 22:50	2.6	260	56	5.4	0.0
13/01/2024 23:00	2.7	255	50	5.4	0.0
13/01/2024 23:10	2.8	253	40	5.3	0.0
13/01/2024 23:20	3.0	257	39	5.1	0.0
13/01/2024 23:30	2.3	232	58	4.0	0.0
13/01/2024 23:40	2.5	245	47	4.9	0.0
13/01/2024 23:50	3.2	260	35	5.6	0.0
14/01/2024 0:00	3.1	256	39	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 0:10	2.5	272	34	4.7	0.0
14/01/2024 0:20	2.9	258	29	5.0	0.0
14/01/2024 0:30	2.8	266	29	5.1	0.0
14/01/2024 0:40	3.1	266	26	5.3	0.0
14/01/2024 0:50	2.9	275	26	6.2	0.0
14/01/2024 1:00	2.8	268	50	4.9	0.0
14/01/2024 1:10	2.8	270	43	5.2	0.0
14/01/2024 1:20	2.5	259	50	5.0	0.0
14/01/2024 1:30	2.5	274	47	4.9	0.0
14/01/2024 1:40	2.1	261	57	4.1	0.0
14/01/2024 1:50	3.1	277	28	5.4	0.0
14/01/2024 2:00	3.5	274	28	5.7	0.0
14/01/2024 2:10	2.6	258	49	5.2	0.0
14/01/2024 2:20	2.8	267	31	5.1	0.0
14/01/2024 2:30	2.6	268	40	5.3	0.0
14/01/2024 2:40	3.0	278	30	5.1	0.0
14/01/2024 2:50	2.6	247	55	5.1	0.0
14/01/2024 3:00	2.5	244	40	5.1	0.0
14/01/2024 3:10	2.6	250	48	4.6	0.0
14/01/2024 3:20	2.5	251	47	5.1	0.0
14/01/2024 3:30	2.5	255	67	5.7	0.0
14/01/2024 3:40	2.5	259	49	4.3	0.0
14/01/2024 3:50	2.5	242	57	4.7	0.0
14/01/2024 4:00	2.7	263	48	6.4	0.0
14/01/2024 4:10	2.6	259	48	5.2	0.0
14/01/2024 4:20	2.7	257	47	5.0	0.0
14/01/2024 4:30	2.4	253	40	4.9	0.0
14/01/2024 4:40	3.2	258	38	5.9	0.0
14/01/2024 4:50	2.6	264	49	5.2	0.0
14/01/2024 5:00	2.7	255	47	5.6	0.0
14/01/2024 5:10	2.4	247	61	5.4	0.0
14/01/2024 5:20	2.8	252	40	5.2	0.0
14/01/2024 5:30	2.2	252	67	4.8	0.0
14/01/2024 5:40	2.1	238	59	4.0	0.0
14/01/2024 5:50	2.8	252	41	5.5	0.0
14/01/2024 6:00	2.7	263	52	4.8	0.0
14/01/2024 6:10	2.3	264	67	4.7	0.0
14/01/2024 6:20	3.1	268	42	6.0	0.0
14/01/2024 6:30	3.1	268	36	7.1	0.0
14/01/2024 6:40	2.7	242	46	5.7	0.0
14/01/2024 6:50	2.9	250	58	6.1	0.0
14/01/2024 7:00	2.8	243	52	4.8	0.0
14/01/2024 7:10	2.7	245	55	4.9	0.0
14/01/2024 7:20	2.7	245	45	5.2	0.0
14/01/2024 7:30	2.8	241	42	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 7:40	2.8	238	47	5.3	0.0
14/01/2024 7:50	2.8	234	51	5.0	0.0
14/01/2024 8:00	2.9	237	51	5.2	0.0
14/01/2024 8:10	3.3	248	39	5.8	0.0
14/01/2024 8:20	3.4	261	30	6.0	0.0
14/01/2024 8:30	3.2	252	33	6.0	0.0
14/01/2024 8:40	3.8	266	26	6.4	0.0
14/01/2024 8:50	4.1	263	32	7.3	0.0
14/01/2024 9:00	4.2	264	29	7.8	0.0
14/01/2024 9:10	4.1	269	30	7.9	0.0
14/01/2024 9:20	4.4	269	24	7.3	0.0
14/01/2024 9:30	4.7	267	32	7.5	0.0
14/01/2024 9:40	5.4	271	18	8.1	0.0
14/01/2024 9:50	4.9	268	25	8.4	0.0
14/01/2024 10:00	5.1	266	27	8.6	0.0
14/01/2024 10:10	4.7	277	21	7.5	0.0
14/01/2024 10:20	3.3	262	47	6.4	0.0
14/01/2024 10:30	4.8	274	24	8.3	0.0
14/01/2024 10:40	4.3	260	35	7.8	0.0
14/01/2024 10:50	4.6	264	34	7.2	0.0
14/01/2024 11:00	5.8	274	23	8.7	0.0
14/01/2024 11:10	5.7	269	20	8.7	0.0
14/01/2024 11:20	5.4	270	22	9.0	0.0
14/01/2024 11:30	5.6	266	23	8.7	0.0
14/01/2024 11:40	5.8	264	23	8.6	0.0
14/01/2024 11:50	6.2	267	21	9.7	0.0
14/01/2024 12:00	6.2	274	20	9.5	0.0
14/01/2024 12:10	5.7	271	21	8.9	0.0
14/01/2024 12:20	5.9	273	21	8.7	0.0
14/01/2024 12:30	6.1	268	23	9.5	0.0
14/01/2024 12:40	6.3	272	21	9.6	0.0
14/01/2024 12:50	5.8	275	20	8.6	0.0
14/01/2024 13:00	6.2	272	21	10.1	0.0
14/01/2024 13:10	5.9	269	21	9.5	0.0
14/01/2024 13:20	7.0	273	21	10.2	0.0
14/01/2024 13:30	6.5	266	20	10.2	0.0
14/01/2024 13:40	5.9	267	26	9.5	0.0
14/01/2024 13:50	6.0	270	23	9.0	0.0
14/01/2024 14:00	6.0	269	24	8.9	0.0
14/01/2024 14:10	6.3	269	26	9.8	0.0
14/01/2024 14:20	5.5	261	28	9.1	0.0
14/01/2024 14:30	5.8	266	30	9.0	0.0
14/01/2024 14:40	6.1	272	20	9.9	0.0
14/01/2024 14:50	6.2	273	21	9.2	0.0
14/01/2024 15:00	5.6	271	18	9.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 15:10	6.1	270	21	9.8	0.0
14/01/2024 15:20	5.7	271	27	8.4	0.0
14/01/2024 15:30	5.6	269	23	9.5	0.0
14/01/2024 15:40	6.3	272	19	9.9	0.0
14/01/2024 15:50	6.2	266	21	9.1	0.0
14/01/2024 16:00	6.7	274	19	9.9	0.0
14/01/2024 16:10	6.4	266	20	9.6	0.0
14/01/2024 16:20	6.6	270	20	10.4	0.0
14/01/2024 16:30	6.3	271	20	9.5	0.0
14/01/2024 16:40	6.0	268	26	9.5	0.0
14/01/2024 16:50	6.1	268	24	9.8	0.0
14/01/2024 17:00	5.7	273	22	9.4	0.0
14/01/2024 17:10	6.0	272	19	9.2	0.0
14/01/2024 17:20	5.6	266	29	9.3	0.0
14/01/2024 17:30	6.0	272	21	8.9	0.0
14/01/2024 17:40	5.9	268	20	8.7	0.0
14/01/2024 17:50	5.7	267	24	9.2	0.0
14/01/2024 18:00	5.4	271	25	9.2	0.0
14/01/2024 18:10	5.9	268	25	9.0	0.0
14/01/2024 18:20	5.0	268	27	8.3	0.0
14/01/2024 18:30	5.6	270	23	8.5	0.0
14/01/2024 18:40	5.4	266	30	8.5	0.0
14/01/2024 18:50	5.1	265	29	8.5	0.0
14/01/2024 19:00	4.6	262	36	8.3	0.0
14/01/2024 19:10	4.5	265	37	7.5	0.0
14/01/2024 19:20	4.8	266	27	8.0	0.0
14/01/2024 19:30	3.6	261	52	8.0	0.0
14/01/2024 19:40	4.0	260	38	6.9	0.0
14/01/2024 19:50	4.0	252	38	8.3	0.0
14/01/2024 20:00	4.0	265	31	7.4	0.0
14/01/2024 20:10	3.6	258	46	6.9	0.0
14/01/2024 20:20	4.1	272	29	7.8	0.0
14/01/2024 20:30	3.1	251	48	6.8	0.0
14/01/2024 20:40	3.2	260	40	7.2	0.0
14/01/2024 20:50	3.6	265	34	6.7	0.0
14/01/2024 21:00	3.8	270	36	7.0	0.0
14/01/2024 21:10	3.3	258	44	6.0	0.0
14/01/2024 21:20	2.9	254	38	5.1	0.0
14/01/2024 21:30	3.7	271	33	7.0	0.0
14/01/2024 21:40	4.4	271	29	7.3	0.0
14/01/2024 21:50	3.0	258	46	6.3	0.0
14/01/2024 22:00	3.4	267	31	6.4	0.0
14/01/2024 22:10	2.9	253	47	5.8	0.0
14/01/2024 22:20	3.4	255	39	6.2	0.0
14/01/2024 22:30	3.3	256	51	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/01/2024 22:40	3.4	255	42	6.0	0.0
14/01/2024 22:50	3.1	259	46	5.9	0.0
14/01/2024 23:00	3.1	262	43	6.5	0.0
14/01/2024 23:10	3.0	272	40	5.2	0.0
14/01/2024 23:20	2.9	259	45	5.7	0.0
14/01/2024 23:30	3.0	261	39	6.7	0.0
14/01/2024 23:40	2.9	243	62	5.6	0.0
14/01/2024 23:50	3.5	261	38	6.7	0.0
15/01/2024 0:00	3.0	262	40	5.7	0.0
15/01/2024 0:10	2.9	264	39	5.4	0.0
15/01/2024 0:20	3.0	257	42	5.9	0.0
15/01/2024 0:30	3.1	270	48	6.3	0.0
15/01/2024 0:40	2.7	250	67	4.8	0.0
15/01/2024 0:50	3.1	257	43	6.0	0.0
15/01/2024 1:00	2.4	251	69	5.2	0.0
15/01/2024 1:10	2.6	257	60	5.6	0.0
15/01/2024 1:20	2.6	248	51	5.2	0.0
15/01/2024 1:30	2.5	244	56	4.6	0.0
15/01/2024 1:40	2.7	240	42	4.9	0.0
15/01/2024 1:50	2.5	245	44	4.2	0.0
15/01/2024 2:00	2.0	220	48	4.4	0.0
15/01/2024 2:10	2.3	255	44	4.6	0.0
15/01/2024 2:20	2.4	256	43	5.1	0.0
15/01/2024 2:30	1.7	215	65	4.8	0.0
15/01/2024 2:40	1.8	253	42	3.5	0.0
15/01/2024 2:50	2.4	214	45	4.8	0.0
15/01/2024 3:00	2.7	248	39	5.2	0.0
15/01/2024 3:10	2.2	273	32	4.4	0.0
15/01/2024 3:20	2.1	229	53	4.5	0.0
15/01/2024 3:30	2.4	237	39	4.5	0.0
15/01/2024 3:40	1.7	227	68	3.6	0.0
15/01/2024 3:50	2.0	251	58	4.5	0.0
15/01/2024 4:00	1.8	258	55	3.6	0.0
15/01/2024 4:10	2.2	256	41	4.1	0.0
15/01/2024 4:20	2.7	263	33	4.9	0.0
15/01/2024 4:30	2.3	246	49	4.3	0.0
15/01/2024 4:40	2.4	253	34	4.1	0.0
15/01/2024 4:50	1.9	252	51	3.8	0.0
15/01/2024 5:00	2.0	250	47	4.8	0.0
15/01/2024 5:10	1.9	212	43	3.4	0.0
15/01/2024 5:20	1.8	230	57	3.5	0.0
15/01/2024 5:30	2.4	248	36	5.0	0.0
15/01/2024 5:40	2.6	256	32	5.6	0.0
15/01/2024 5:50	2.4	258	42	5.1	0.0
15/01/2024 6:00	2.9	257	28	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 6:10	2.5	257	43	5.0	0.0
15/01/2024 6:20	2.1	252	42	4.7	0.0
15/01/2024 6:30	2.1	251	50	4.3	0.0
15/01/2024 6:40	2.8	243	43	5.3	0.0
15/01/2024 6:50	2.6	236	46	5.2	0.0
15/01/2024 7:00	2.6	239	48	4.6	0.0
15/01/2024 7:10	2.6	261	33	4.9	0.0
15/01/2024 7:20	2.8	265	33	4.8	0.0
15/01/2024 7:30	2.9	261	39	5.0	0.0
15/01/2024 7:40	2.6	240	54	4.8	0.0
15/01/2024 7:50	3.0	271	22	5.0	0.0
15/01/2024 8:00	3.1	267	23	5.4	0.0
15/01/2024 8:10	3.4	268	25	5.8	0.0
15/01/2024 8:20	3.6	263	23	6.2	0.0
15/01/2024 8:30	3.5	271	22	5.9	0.0
15/01/2024 8:40	3.5	263	31	6.0	0.0
15/01/2024 8:50	3.3	269	26	6.0	0.0
15/01/2024 9:00	2.8	260	38	4.8	0.0
15/01/2024 9:10	2.8	258	39	4.5	0.0
15/01/2024 9:20	3.1	260	29	4.9	0.0
15/01/2024 9:30	3.0	266	28	5.1	0.0
15/01/2024 9:40	3.1	271	24	5.2	0.0
15/01/2024 9:50	3.5	289	26	5.7	0.0
15/01/2024 10:00	3.8	283	23	5.6	0.0
15/01/2024 10:10	3.7	283	20	6.3	0.0
15/01/2024 10:20	3.8	277	25	6.6	0.0
15/01/2024 10:30	4.2	279	19	6.0	0.0
15/01/2024 10:40	4.3	285	22	6.7	0.0
15/01/2024 10:50	4.2	274	23	6.4	0.0
15/01/2024 11:00	4.4	276	18	6.7	0.0
15/01/2024 11:10	4.0	268	21	6.9	0.0
15/01/2024 11:20	4.2	263	23	6.6	0.0
15/01/2024 11:30	4.3	273	19	6.3	0.0
15/01/2024 11:40	4.5	272	20	6.9	0.0
15/01/2024 11:50	4.6	268	19	6.8	0.0
15/01/2024 12:00	4.5	271	19	6.8	0.0
15/01/2024 12:10	4.5	276	23	7.4	0.0
15/01/2024 12:20	4.6	273	21	6.8	0.0
15/01/2024 12:30	4.5	275	23	6.9	0.0
15/01/2024 12:40	5.2	276	16	6.8	0.0
15/01/2024 12:50	4.9	273	22	7.6	0.0
15/01/2024 13:00	4.5	275	21	6.7	0.0
15/01/2024 13:10	4.5	280	23	7.2	0.0
15/01/2024 13:20	4.4	269	26	6.5	0.0
15/01/2024 13:30	4.8	277	22	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 13:40	5.2	277	21	7.9	0.0
15/01/2024 13:50	5.0	276	21	7.9	0.0
15/01/2024 14:00	4.7	271	19	7.7	0.0
15/01/2024 14:10	5.2	275	20	7.7	0.0
15/01/2024 14:20	5.2	268	21	9.1	0.0
15/01/2024 14:30	4.9	274	19	7.2	0.0
15/01/2024 14:40	5.3	276	22	7.9	0.0
15/01/2024 14:50	5.3	270	18	8.2	0.0
15/01/2024 15:00	4.9	274	21	7.9	0.0
15/01/2024 15:10	5.2	273	22	8.0	0.0
15/01/2024 15:20	5.3	272	20	8.4	0.0
15/01/2024 15:30	5.3	271	21	8.0	0.0
15/01/2024 15:40	5.4	273	18	7.8	0.0
15/01/2024 15:50	5.2	270	23	8.0	0.0
15/01/2024 16:00	4.6	270	24	8.0	0.0
15/01/2024 16:10	4.8	272	19	7.5	0.0
15/01/2024 16:20	4.8	265	25	8.7	0.0
15/01/2024 16:30	3.7	257	38	7.2	0.0
15/01/2024 16:40	4.3	264	27	6.9	0.0
15/01/2024 16:50	3.7	267	26	6.9	0.0
15/01/2024 17:00	4.7	271	22	7.9	0.0
15/01/2024 17:10	4.5	269	24	6.8	0.0
15/01/2024 17:20	4.7	270	26	8.0	0.0
15/01/2024 17:30	4.4	259	41	8.3	0.0
15/01/2024 17:40	3.7	271	33	6.8	0.0
15/01/2024 17:50	3.9	258	40	6.8	0.0
15/01/2024 18:00	4.8	270	28	8.2	0.0
15/01/2024 18:10	3.9	261	43	8.3	0.0
15/01/2024 18:20	5.2	269	25	8.3	0.0
15/01/2024 18:30	4.6	263	34	7.4	0.0
15/01/2024 18:40	4.3	267	33	7.7	0.0
15/01/2024 18:50	3.7	248	37	6.4	0.0
15/01/2024 19:00	2.6	253	39	4.9	0.0
15/01/2024 19:10	3.3	261	35	6.2	0.0
15/01/2024 19:20	3.6	261	26	7.1	0.0
15/01/2024 19:30	2.7	258	51	4.9	0.0
15/01/2024 19:40	2.9	259	55	6.0	0.0
15/01/2024 19:50	3.7	260	45	6.8	0.0
15/01/2024 20:00	3.3	251	38	6.4	0.0
15/01/2024 20:10	3.5	256	41	6.4	0.0
15/01/2024 20:20	3.2	262	34	5.7	0.0
15/01/2024 20:30	4.1	270	41	7.0	0.0
15/01/2024 20:40	3.9	271	31	6.8	0.0
15/01/2024 20:50	3.9	267	41	6.9	0.0
15/01/2024 21:00	3.6	278	27	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/01/2024 21:10	3.9	270	30	7.5	0.0
15/01/2024 21:20	3.0	268	43	6.4	0.0
15/01/2024 21:30	2.9	256	41	5.3	0.0
15/01/2024 21:40	2.4	254	48	4.4	0.0
15/01/2024 21:50	2.6	255	48	5.6	0.0
15/01/2024 22:00	2.8	263	33	5.7	0.0
15/01/2024 22:10	3.0	265	36	5.8	0.0
15/01/2024 22:20	2.7	260	47	5.5	0.0
15/01/2024 22:30	2.4	257	40	4.4	0.0
15/01/2024 22:40	1.9	243	60	4.1	0.0
15/01/2024 22:50	2.5	257	52	4.9	0.0
15/01/2024 23:00	2.2	254	45	4.6	0.0
15/01/2024 23:10	2.7	249	37	5.0	0.0
15/01/2024 23:20	2.1	264	49	4.0	0.0
15/01/2024 23:30	2.8	263	38	4.5	0.0
15/01/2024 23:40	2.3	250	43	5.0	0.0
15/01/2024 23:50	2.0	245	52	3.6	0.0
16/01/2024 0:00	1.6	251	65	3.2	0.0
16/01/2024 0:10	2.3	269	29	4.4	0.0
16/01/2024 0:20	3.2	273	23	5.3	0.0
16/01/2024 0:30	2.3	266	40	4.8	0.0
16/01/2024 0:40	2.7	272	24	4.3	0.0
16/01/2024 0:50	3.4	272	25	5.6	0.0
16/01/2024 1:00	3.0	273	27	5.2	0.0
16/01/2024 1:10	3.5	271	25	5.5	0.0
16/01/2024 1:20	2.7	273	39	5.2	0.0
16/01/2024 1:30	3.1	259	43	5.7	0.0
16/01/2024 1:40	3.6	275	29	6.2	0.0
16/01/2024 1:50	3.7	266	33	6.2	0.0
16/01/2024 2:00	3.8	267	21	6.8	0.0
16/01/2024 2:10	3.4	258	50	6.5	0.0
16/01/2024 2:20	2.5	248	59	5.8	0.0
16/01/2024 2:30	2.7	270	50	5.8	0.0
16/01/2024 2:40	4.4	271	22	6.9	0.0
16/01/2024 2:50	3.0	251	56	6.9	0.0
16/01/2024 3:00	3.3	265	45	6.3	0.0
16/01/2024 3:10	3.4	266	33	5.9	0.0
16/01/2024 3:20	4.3	271	27	7.0	0.0
16/01/2024 3:30	4.6	272	26	7.9	0.0
16/01/2024 3:40	4.2	273	28	6.9	0.0
16/01/2024 3:50	4.0	272	34	7.6	0.0
16/01/2024 4:00	3.8	271	25	6.3	0.0
16/01/2024 4:10	4.2	265	26	6.6	0.0
16/01/2024 4:20	3.9	273	26	6.8	0.0
16/01/2024 4:30	3.6	264	44	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 4:40	4.3	271	29	7.5	0.0
16/01/2024 4:50	3.6	263	33	7.2	0.0
16/01/2024 5:00	2.8	267	46	5.0	0.0
16/01/2024 5:10	2.1	243	61	4.4	0.0
16/01/2024 5:20	2.8	238	47	6.0	0.0
16/01/2024 5:30	2.9	242	49	6.2	0.0
16/01/2024 5:40	2.9	244	46	5.4	0.0
16/01/2024 5:50	2.8	233	47	5.2	0.0
16/01/2024 6:00	2.3	247	60	5.2	0.0
16/01/2024 6:10	2.4	235	63	4.7	0.0
16/01/2024 6:20	3.1	254	37	6.3	0.0
16/01/2024 6:30	2.8	244	44	5.7	0.0
16/01/2024 6:40	3.0	252	44	5.6	0.0
16/01/2024 6:50	2.9	254	50	6.4	0.0
16/01/2024 7:00	2.6	239	57	5.5	0.0
16/01/2024 7:10	2.8	247	42	5.1	0.0
16/01/2024 7:20	3.2	251	41	6.0	0.0
16/01/2024 7:30	2.7	237	45	6.1	0.0
16/01/2024 7:40	3.1	242	35	5.3	0.0
16/01/2024 7:50	3.3	238	42	6.2	0.0
16/01/2024 8:00	3.7	258	39	7.0	0.0
16/01/2024 8:10	3.2	242	43	5.7	0.0
16/01/2024 8:20	2.9	248	49	5.2	0.0
16/01/2024 8:30	3.8	260	42	6.9	0.0
16/01/2024 8:40	3.1	243	47	6.0	0.0
16/01/2024 8:50	4.1	251	44	7.6	0.0
16/01/2024 9:00	4.5	271	34	8.3	0.0
16/01/2024 9:10	4.3	263	34	7.0	0.0
16/01/2024 9:20	4.2	255	39	7.2	0.0
16/01/2024 9:30	4.4	254	33	8.6	0.0
16/01/2024 9:40	4.3	260	38	7.8	0.0
16/01/2024 9:50	4.9	266	31	9.1	0.0
16/01/2024 10:00	4.7	262	35	8.3	0.0
16/01/2024 10:10	3.9	254	41	7.8	0.0
16/01/2024 10:20	4.4	257	41	7.7	0.0
16/01/2024 10:30	4.9	263	35	9.1	0.0
16/01/2024 10:40	4.5	257	35	7.6	0.0
16/01/2024 10:50	4.7	256	45	10.3	0.0
16/01/2024 11:00	5.0	267	36	9.3	0.0
16/01/2024 11:10	5.6	267	27	9.2	0.0
16/01/2024 11:20	4.7	260	35	8.2	0.0
16/01/2024 11:30	5.4	274	25	8.5	0.0
16/01/2024 11:40	4.7	265	36	8.3	0.0
16/01/2024 11:50	4.4	263	39	8.5	0.0
16/01/2024 12:00	6.0	271	26	9.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 12:10	6.2	269	24	9.7	0.0
16/01/2024 12:20	5.8	265	22	8.8	0.0
16/01/2024 12:30	5.8	268	27	9.0	0.0
16/01/2024 12:40	5.6	268	21	8.6	0.0
16/01/2024 12:50	5.6	272	21	10.0	0.0
16/01/2024 13:00	6.1	279	20	9.3	0.0
16/01/2024 13:10	6.0	273	20	9.2	0.0
16/01/2024 13:20	5.9	273	21	8.5	0.0
16/01/2024 13:30	5.4	276	24	8.9	0.0
16/01/2024 13:40	6.2	271	20	9.6	0.0
16/01/2024 13:50	6.5	275	21	10.3	0.0
16/01/2024 14:00	5.8	265	26	10.3	0.0
16/01/2024 14:10	6.4	273	22	9.5	0.0
16/01/2024 14:20	6.5	269	22	9.5	0.0
16/01/2024 14:30	6.4	274	17	9.2	0.0
16/01/2024 14:40	5.3	268	33	9.1	0.0
16/01/2024 14:50	6.6	269	22	10.5	0.0
16/01/2024 15:00	6.0	262	34	10.9	0.0
16/01/2024 15:10	6.6	271	22	9.8	0.0
16/01/2024 15:20	6.5	273	23	10.3	0.0
16/01/2024 15:30	6.3	269	23	11.0	0.0
16/01/2024 15:40	7.0	271	21	10.8	0.0
16/01/2024 15:50	6.6	268	25	9.5	0.0
16/01/2024 16:00	6.7	268	26	10.7	0.0
16/01/2024 16:10	6.8	271	21	11.3	0.0
16/01/2024 16:20	7.2	269	26	11.9	0.0
16/01/2024 16:30	5.8	264	31	11.2	0.0
16/01/2024 16:40	5.2	263	42	10.5	0.0
16/01/2024 16:50	6.4	269	24	11.5	0.0
16/01/2024 17:00	6.5	270	23	10.4	0.0
16/01/2024 17:10	5.8	270	31	9.2	0.0
16/01/2024 17:20	6.1	267	24	9.4	0.0
16/01/2024 17:30	5.7	270	23	9.5	0.0
16/01/2024 17:40	6.4	270	22	10.5	0.0
16/01/2024 17:50	5.3	268	26	9.1	0.0
16/01/2024 18:00	6.1	268	23	9.3	0.0
16/01/2024 18:10	5.7	269	37	10.0	0.0
16/01/2024 18:20	5.9	273	22	9.7	0.0
16/01/2024 18:30	4.5	255	44	9.2	0.0
16/01/2024 18:40	5.4	273	27	8.7	0.0
16/01/2024 18:50	4.5	262	41	7.9	0.0
16/01/2024 19:00	4.9	272	33	7.8	0.0
16/01/2024 19:10	3.2	257	51	7.2	0.0
16/01/2024 19:20	3.8	265	36	7.2	0.0
16/01/2024 19:30	4.6	267	36	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/01/2024 19:40	4.9	273	28	8.3	0.0
16/01/2024 19:50	4.2	262	37	8.0	0.0
16/01/2024 20:00	4.3	269	35	8.2	0.0
16/01/2024 20:10	3.2	242	50	5.6	0.0
16/01/2024 20:20	4.0	260	47	7.3	0.0
16/01/2024 20:30	3.5	267	47	7.4	0.0
16/01/2024 20:40	3.0	251	61	6.7	0.0
16/01/2024 20:50	3.6	252	54	6.7	0.0
16/01/2024 21:00	3.3	242	56	6.2	0.0
16/01/2024 21:10	3.5	256	46	7.5	0.0
16/01/2024 21:20	3.2	243	45	5.8	0.0
16/01/2024 21:30	2.7	253	58	6.2	0.0
16/01/2024 21:40	3.4	245	49	6.6	0.0
16/01/2024 21:50	2.7	241	50	5.5	0.0
16/01/2024 22:00	3.4	254	55	6.8	0.0
16/01/2024 22:10	3.3	261	55	7.7	0.0
16/01/2024 22:20	3.6	252	48	6.4	0.0
16/01/2024 22:30	3.0	264	54	6.8	0.0
16/01/2024 22:40	3.3	248	57	6.2	0.0
16/01/2024 22:50	2.9	239	49	5.4	0.0
16/01/2024 23:00	2.7	254	45	5.2	0.0
16/01/2024 23:10	2.9	242	53	6.0	0.0
16/01/2024 23:20	3.0	270	50	6.0	0.0
16/01/2024 23:30	2.5	248	64	4.9	0.0
16/01/2024 23:40	2.5	238	55	5.2	0.0
16/01/2024 23:50	3.6	257	54	6.7	0.0
17/01/2024 0:00	3.3	260	44	6.3	0.0
17/01/2024 0:10	2.9	245	54	6.1	0.0
17/01/2024 0:20	2.7	238	54	4.8	0.0
17/01/2024 0:30	3.0	242	47	6.2	0.0
17/01/2024 0:40	3.3	254	39	6.3	0.0
17/01/2024 0:50	3.3	243	47	6.2	0.0
17/01/2024 1:00	3.1	257	41	5.8	0.0
17/01/2024 1:10	3.1	268	45	6.0	0.0
17/01/2024 1:20	2.8	260	51	5.7	0.0
17/01/2024 1:30	3.3	254	47	6.8	0.0
17/01/2024 1:40	3.0	258	47	6.0	0.0
17/01/2024 1:50	2.6	246	46	5.3	0.0
17/01/2024 2:00	2.9	260	51	6.2	0.0
17/01/2024 2:10	3.5	269	32	7.2	0.0
17/01/2024 2:20	3.0	259	49	6.4	0.0
17/01/2024 2:30	3.2	256	46	6.7	0.0
17/01/2024 2:40	1.8	210	83	4.1	0.0
17/01/2024 2:50	2.9	241	54	5.4	0.0
17/01/2024 3:00	2.8	242	49	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 3:10	2.6	228	60	5.0	0.0
17/01/2024 3:20	3.1	254	39	7.2	0.0
17/01/2024 3:30	3.0	239	53	6.2	0.0
17/01/2024 3:40	2.8	234	56	4.7	0.0
17/01/2024 3:50	2.9	260	53	5.7	0.0
17/01/2024 4:00	2.9	237	45	5.9	0.0
17/01/2024 4:10	2.9	249	51	6.3	0.0
17/01/2024 4:20	2.9	242	47	5.9	0.0
17/01/2024 4:30	3.2	244	41	6.4	0.0
17/01/2024 4:40	3.1	254	45	6.8	0.0
17/01/2024 4:50	3.0	258	40	5.8	0.0
17/01/2024 5:00	2.8	244	54	5.7	0.0
17/01/2024 5:10	2.8	255	61	5.2	0.0
17/01/2024 5:20	2.9	256	44	6.8	0.0
17/01/2024 5:30	1.7	193	85	4.0	0.0
17/01/2024 5:40	2.9	255	41	5.3	0.0
17/01/2024 5:50	2.5	252	53	4.8	0.0
17/01/2024 6:00	2.6	262	46	5.1	0.0
17/01/2024 6:10	2.3	243	58	4.8	0.0
17/01/2024 6:20	2.0	235	56	4.3	0.0
17/01/2024 6:30	1.9	256	62	4.0	0.0
17/01/2024 6:40	2.2	276	48	4.9	0.0
17/01/2024 6:50	2.2	260	62	4.8	0.0
17/01/2024 7:00	3.0	255	49	5.2	0.0
17/01/2024 7:10	3.9	274	33	6.2	0.0
17/01/2024 7:20	3.6	263	35	6.3	0.0
17/01/2024 7:30	3.6	263	42	7.7	0.0
17/01/2024 7:40	3.8	260	32	7.3	0.0
17/01/2024 7:50	4.2	263	33	7.5	0.0
17/01/2024 8:00	4.4	258	42	8.0	0.0
17/01/2024 8:10	3.5	232	56	6.8	0.0
17/01/2024 8:20	3.3	240	48	7.1	0.0
17/01/2024 8:30	4.5	262	40	7.5	0.0
17/01/2024 8:40	3.5	246	57	6.1	0.0
17/01/2024 8:50	3.6	248	50	7.3	0.0
17/01/2024 9:00	3.9	244	44	8.1	0.0
17/01/2024 9:10	3.9	248	39	7.7	0.0
17/01/2024 9:20	4.3	254	47	8.4	0.0
17/01/2024 9:30	4.7	261	42	9.3	0.0
17/01/2024 9:40	3.6	257	40	6.7	0.0
17/01/2024 9:50	4.4	264	39	7.9	0.0
17/01/2024 10:00	4.1	262	38	7.4	0.0
17/01/2024 10:10	3.7	263	40	6.3	0.0
17/01/2024 10:20	4.6	267	30	7.9	0.0
17/01/2024 10:30	3.8	264	37	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 10:40	3.4	255	42	6.7	0.0
17/01/2024 10:50	4.4	268	35	7.4	0.0
17/01/2024 11:00	4.7	273	29	7.9	0.0
17/01/2024 11:10	4.0	267	32	7.5	0.0
17/01/2024 11:20	4.7	269	24	7.5	0.0
17/01/2024 11:30	5.0	273	23	8.5	0.0
17/01/2024 11:40	5.3	278	21	8.2	0.0
17/01/2024 11:50	5.5	274	24	8.9	0.0
17/01/2024 12:00	5.5	270	21	9.3	0.0
17/01/2024 12:10	5.5	272	23	8.4	0.0
17/01/2024 12:20	5.8	271	19	9.9	0.0
17/01/2024 12:30	5.9	270	23	9.2	0.0
17/01/2024 12:40	6.0	273	21	9.0	0.0
17/01/2024 12:50	5.4	270	24	9.6	0.0
17/01/2024 13:00	5.7	271	25	9.6	0.0
17/01/2024 13:10	5.3	268	30	9.7	0.0
17/01/2024 13:20	6.1	268	25	9.6	0.0
17/01/2024 13:30	5.2	267	26	8.8	0.0
17/01/2024 13:40	5.5	274	22	9.2	0.0
17/01/2024 13:50	6.0	269	22	8.7	0.0
17/01/2024 14:00	5.9	269	21	9.0	0.0
17/01/2024 14:10	6.3	269	19	9.7	0.0
17/01/2024 14:20	5.8	273	22	8.8	0.0
17/01/2024 14:30	6.0	271	20	9.1	0.0
17/01/2024 14:40	5.4	275	21	8.1	0.0
17/01/2024 14:50	5.7	278	22	9.6	0.0
17/01/2024 15:00	5.8	270	23	9.1	0.0
17/01/2024 15:10	5.3	272	33	8.8	0.0
17/01/2024 15:20	6.1	266	21	9.3	0.0
17/01/2024 15:30	5.7	269	23	9.1	0.0
17/01/2024 15:40	6.2	264	21	9.6	0.0
17/01/2024 15:50	5.3	264	26	8.6	0.0
17/01/2024 16:00	5.4	273	21	8.3	0.0
17/01/2024 16:10	5.8	267	24	8.3	0.0
17/01/2024 16:20	6.0	272	23	9.9	0.0
17/01/2024 16:30	5.6	269	24	8.7	0.0
17/01/2024 16:40	6.0	271	20	8.4	0.0
17/01/2024 16:50	6.1	269	21	9.4	0.0
17/01/2024 17:00	5.6	268	24	9.2	0.0
17/01/2024 17:10	5.9	268	24	9.1	0.0
17/01/2024 17:20	6.1	266	21	9.9	0.0
17/01/2024 17:30	5.7	264	22	8.7	0.0
17/01/2024 17:40	4.8	277	22	7.5	0.0
17/01/2024 17:50	4.7	275	25	7.9	0.0
17/01/2024 18:00	5.0	269	27	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/01/2024 18:10	4.8	271	20	7.3	0.0
17/01/2024 18:20	5.1	270	23	8.6	0.0
17/01/2024 18:30	4.6	266	24	7.4	0.0
17/01/2024 18:40	5.1	271	20	8.1	0.0
17/01/2024 18:50	5.3	269	25	8.3	0.0
17/01/2024 19:00	5.1	266	22	8.6	0.0
17/01/2024 19:10	6.0	271	22	9.5	0.0
17/01/2024 19:20	5.9	268	18	8.9	0.0
17/01/2024 19:30	5.9	265	18	8.9	0.0
17/01/2024 19:40	5.5	272	23	7.9	0.0
17/01/2024 19:50	5.5	264	24	8.7	0.0
17/01/2024 20:00	4.9	260	32	8.3	0.0
17/01/2024 20:10	3.3	242	41	6.6	0.0
17/01/2024 20:20	3.7	247	40	6.8	0.0
17/01/2024 20:30	3.2	261	41	6.2	0.0
17/01/2024 20:40	3.0	269	35	5.6	0.0
17/01/2024 20:50	3.2	257	33	6.0	0.0
17/01/2024 21:00	4.8	272	23	7.4	0.0
17/01/2024 21:10	4.0	272	29	7.2	0.0
17/01/2024 21:20	4.7	266	29	7.7	0.0
17/01/2024 21:30	5.2	268	25	7.8	0.0
17/01/2024 21:40	4.9	270	24	8.6	0.0
17/01/2024 21:50	4.7	269	18	7.9	0.0
17/01/2024 22:00	4.2	271	27	7.1	0.0
17/01/2024 22:10	4.4	270	22	7.2	0.0
17/01/2024 22:20	4.5	270	19	7.2	0.0
17/01/2024 22:30	4.1	268	24	6.8	0.0
17/01/2024 22:40	4.5	264	22	7.8	0.0
17/01/2024 22:50	3.8	260	39	6.4	0.0
17/01/2024 23:00	4.2	271	25	7.2	0.0
17/01/2024 23:10	4.4	268	22	7.1	0.0
17/01/2024 23:20	3.1	259	41	6.7	0.0
17/01/2024 23:30	3.4	272	33	6.0	0.0
17/01/2024 23:40	3.1	266	37	5.1	0.0
17/01/2024 23:50	2.8	253	65	6.3	0.0
18/01/2024 0:00	3.7	270	32	6.2	0.0
18/01/2024 0:10	4.1	269	24	7.3	0.0
18/01/2024 0:20	4.5	271	22	7.2	0.0
18/01/2024 0:30	3.5	263	39	6.8	0.0
18/01/2024 0:40	3.0	266	49	6.1	0.0
18/01/2024 0:50	2.5	249	56	5.6	0.0
18/01/2024 1:00	2.3	239	58	4.7	0.0
18/01/2024 1:10	2.8	248	47	5.3	0.0
18/01/2024 1:20	3.0	254	40	5.9	0.0
18/01/2024 1:30	2.7	243	51	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 1:40	3.1	247	33	5.2	0.0
18/01/2024 1:50	2.3	232	55	4.0	0.0
18/01/2024 2:00	2.5	235	45	4.8	0.0
18/01/2024 2:10	2.8	252	38	5.1	0.0
18/01/2024 2:20	2.1	228	66	4.9	0.0
18/01/2024 2:30	3.0	255	36	6.0	0.0
18/01/2024 2:40	2.5	252	42	4.8	0.0
18/01/2024 2:50	2.6	249	34	4.8	0.0
18/01/2024 3:00	2.8	262	34	4.7	0.0
18/01/2024 3:10	2.4	255	41	4.1	0.0
18/01/2024 3:20	2.7	267	39	4.8	0.0
18/01/2024 3:30	2.7	269	34	4.8	0.0
18/01/2024 3:40	2.7	264	32	4.4	0.0
18/01/2024 3:50	2.8	271	27	4.5	0.0
18/01/2024 4:00	2.8	275	22	4.1	0.0
18/01/2024 4:10	2.9	273	18	5.2	0.0
18/01/2024 4:20	2.9	270	20	5.0	0.0
18/01/2024 4:30	3.1	281	14	4.5	0.0
18/01/2024 4:40	2.3	274	30	3.7	0.0
18/01/2024 4:50	2.7	270	21	4.5	0.0
18/01/2024 5:00	2.5	270	25	4.2	0.0
18/01/2024 5:10	2.0	266	44	3.9	0.0
18/01/2024 5:20	2.1	268	33	4.8	0.0
18/01/2024 5:30	2.4	276	26	4.4	0.0
18/01/2024 5:40	2.5	269	23	4.4	0.0
18/01/2024 5:50	2.0	247	47	3.9	0.0
18/01/2024 6:00	1.8	260	43	3.5	0.0
18/01/2024 6:10	2.1	252	48	4.3	0.0
18/01/2024 6:20	2.3	270	44	4.8	0.0
18/01/2024 6:30	2.1	232	59	3.9	0.0
18/01/2024 6:40	2.3	248	40	4.4	0.0
18/01/2024 6:50	2.4	266	33	4.1	0.0
18/01/2024 7:00	2.9	273	33	4.9	0.0
18/01/2024 7:10	2.7	267	36	5.0	0.0
18/01/2024 7:20	2.7	262	32	4.8	0.0
18/01/2024 7:30	3.4	266	34	6.3	0.0
18/01/2024 7:40	3.5	268	30	6.0	0.0
18/01/2024 7:50	3.2	254	35	5.2	0.0
18/01/2024 8:00	3.1	259	32	5.2	0.0
18/01/2024 8:10	3.2	265	39	5.8	0.0
18/01/2024 8:20	2.8	247	39	5.0	0.0
18/01/2024 8:30	3.2	262	31	5.9	0.0
18/01/2024 8:40	2.9	253	37	5.3	0.0
18/01/2024 8:50	2.6	263	44	5.1	0.0
18/01/2024 9:00	3.2	257	34	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 9:10	2.9	259	42	5.8	0.0
18/01/2024 9:20	2.9	264	32	5.2	0.0
18/01/2024 9:30	3.2	257	31	4.9	0.0
18/01/2024 9:40	3.0	265	32	5.5	0.0
18/01/2024 9:50	3.3	270	30	5.2	0.0
18/01/2024 10:00	3.0	243	35	5.0	0.0
18/01/2024 10:10	3.3	266	24	5.4	0.0
18/01/2024 10:20	4.1	277	18	6.0	0.0
18/01/2024 10:30	3.8	276	21	5.8	0.0
18/01/2024 10:40	4.2	284	20	6.6	0.0
18/01/2024 10:50	4.3	279	16	6.5	0.0
18/01/2024 11:00	4.0	279	21	6.3	0.0
18/01/2024 11:10	4.2	281	22	6.5	0.0
18/01/2024 11:20	4.2	282	22	6.7	0.0
18/01/2024 11:30	4.5	272	18	6.9	0.0
18/01/2024 11:40	4.6	272	17	7.1	0.0
18/01/2024 11:50	4.4	275	19	6.8	0.0
18/01/2024 12:00	4.5	272	18	6.6	0.0
18/01/2024 12:10	3.6	260	32	5.6	0.0
18/01/2024 12:20	3.8	269	20	6.0	0.0
18/01/2024 12:30	4.0	271	25	6.8	0.0
18/01/2024 12:40	4.2	267	24	6.4	0.0
18/01/2024 12:50	4.2	266	22	6.5	0.0
18/01/2024 13:00	4.4	275	20	6.7	0.0
18/01/2024 13:10	4.5	270	20	6.6	0.0
18/01/2024 13:20	4.7	268	18	6.4	0.0
18/01/2024 13:30	4.4	277	19	7.5	0.0
18/01/2024 13:40	4.8	261	20	7.4	0.0
18/01/2024 13:50	4.6	283	21	7.9	0.0
18/01/2024 14:00	5.5	295	22	8.0	0.0
18/01/2024 14:10	6.1	296	16	8.2	0.0
18/01/2024 14:20	5.2	290	24	8.4	0.0
18/01/2024 14:30	5.7	295	20	10.2	0.0
18/01/2024 14:40	5.3	292	21	8.3	0.0
18/01/2024 14:50	5.8	295	21	8.5	0.0
18/01/2024 15:00	5.4	299	20	8.0	0.0
18/01/2024 15:10	5.5	297	20	8.0	0.0
18/01/2024 15:20	5.3	302	20	7.9	0.0
18/01/2024 15:30	5.4	290	20	7.9	0.0
18/01/2024 15:40	5.1	298	24	8.2	0.0
18/01/2024 15:50	5.1	283	21	7.5	0.0
18/01/2024 16:00	5.1	288	21	8.2	0.0
18/01/2024 16:10	4.7	275	22	8.0	0.0
18/01/2024 16:20	4.9	261	30	7.9	0.0
18/01/2024 16:30	5.3	267	22	8.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/01/2024 16:40	4.9	270	22	7.5	0.0
18/01/2024 16:50	4.8	267	26	7.2	0.0
18/01/2024 17:00	3.6	273	26	5.8	0.0
18/01/2024 17:10	4.0	264	32	7.5	0.0
18/01/2024 17:20	4.2	266	31	8.7	0.0
18/01/2024 17:30	4.2	261	37	6.8	0.0
18/01/2024 17:40	5.6	272	22	8.5	0.0
18/01/2024 17:50	5.4	266	24	8.0	0.0
18/01/2024 18:00	4.9	268	27	7.9	0.0
18/01/2024 18:10	5.4	273	19	8.3	0.0
18/01/2024 18:20	4.8	268	24	8.3	0.0
18/01/2024 18:30	4.4	271	23	7.4	0.0
18/01/2024 18:40	4.9	271	19	7.0	0.0
18/01/2024 18:50	4.3	270	21	6.7	0.0
18/01/2024 19:00	4.7	269	22	7.2	0.0
18/01/2024 19:10	4.6	270	19	6.8	0.0
18/01/2024 19:20	4.3	272	24	6.6	0.0
18/01/2024 19:30	4.3	272	22	7.3	0.0
18/01/2024 19:40	3.4	271	37	5.9	0.0
18/01/2024 19:50	3.9	263	30	7.2	0.0
18/01/2024 20:00	3.2	244	34	6.2	0.0
18/01/2024 20:10	3.4	238	41	6.5	0.0
18/01/2024 20:20	2.6	233	43	4.6	0.0
18/01/2024 20:30	3.0	245	38	5.6	0.0
18/01/2024 20:40	2.9	268	26	5.5	0.0
18/01/2024 20:50	3.2	267	25	5.6	0.0
18/01/2024 21:00	2.9	261	34	4.8	0.0
18/01/2024 21:10	2.6	271	32	4.8	0.0
18/01/2024 21:20	2.7	273	20	4.0	0.0
18/01/2024 21:30	3.0	273	27	5.2	0.0
18/01/2024 21:40	3.0	279	25	5.5	0.0
18/01/2024 21:50	3.8	268	20	5.4	0.0
18/01/2024 22:00	3.5	271	22	6.1	0.0
18/01/2024 22:10	3.1	267	26	5.1	0.0
18/01/2024 22:20	3.3	276	23	5.6	0.0
18/01/2024 22:30	3.5	265	33	5.8	0.0
18/01/2024 22:40	2.4	268	47	4.6	0.0
18/01/2024 22:50	3.0	268	31	5.1	0.0
18/01/2024 23:00	2.8	271	30	4.8	0.0
18/01/2024 23:10	2.8	266	40	5.0	0.0
18/01/2024 23:20	3.3	272	21	5.3	0.0
18/01/2024 23:30	3.8	271	23	6.4	0.0
18/01/2024 23:40	3.0	268	29	4.8	0.0
18/01/2024 23:50	2.3	268	37	4.0	0.0
19/01/2024 0:00	2.6	275	22	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 0:10	2.6	269	28	4.5	0.0
19/01/2024 0:20	2.6	273	27	4.0	0.0
19/01/2024 0:30	2.2	273	28	3.8	0.0
19/01/2024 0:40	2.6	277	20	4.1	0.0
19/01/2024 0:50	2.9	275	26	4.4	0.0
19/01/2024 1:00	2.8	271	22	4.4	0.0
19/01/2024 1:10	2.4	274	20	3.7	0.0
19/01/2024 1:20	2.4	272	23	3.7	0.0
19/01/2024 1:30	2.4	272	21	3.6	0.0
19/01/2024 1:40	2.2	268	24	3.4	0.0
19/01/2024 1:50	1.8	268	23	2.9	0.0
19/01/2024 2:00	1.6	265	35	2.9	0.0
19/01/2024 2:10	2.3	269	21	3.6	0.0
19/01/2024 2:20	2.4	275	20	3.5	0.0
19/01/2024 2:30	2.0	270	34	3.4	0.0
19/01/2024 2:40	2.4	270	21	3.9	0.0
19/01/2024 2:50	2.2	268	23	3.7	0.0
19/01/2024 3:00	2.7	271	17	4.2	0.0
19/01/2024 3:10	2.5	269	31	4.0	0.0
19/01/2024 3:20	2.6	279	21	4.4	0.0
19/01/2024 3:30	3.4	270	20	5.8	0.0
19/01/2024 3:40	2.5	274	25	5.1	0.0
19/01/2024 3:50	2.1	271	51	4.2	0.0
19/01/2024 4:00	2.0	267	35	3.7	0.0
19/01/2024 4:10	1.8	259	41	3.4	0.0
19/01/2024 4:20	1.8	252	49	3.5	0.0
19/01/2024 4:30	2.1	272	29	4.0	0.0
19/01/2024 4:40	1.4	261	59	2.6	0.0
19/01/2024 4:50	1.6	273	40	2.9	0.0
19/01/2024 5:00	1.7	292	23	3.0	0.0
19/01/2024 5:10	1.5	272	24	2.7	0.0
19/01/2024 5:20	1.7	282	18	2.8	0.0
19/01/2024 5:30	1.4	280	35	2.4	0.0
19/01/2024 5:40	1.6	278	23	2.8	0.0
19/01/2024 5:50	1.9	267	26	2.8	0.0
19/01/2024 6:00	1.9	266	24	3.0	0.0
19/01/2024 6:10	2.2	264	25	3.6	0.0
19/01/2024 6:20	1.9	246	50	3.5	0.0
19/01/2024 6:30	2.3	271	22	3.4	0.0
19/01/2024 6:40	2.4	278	22	3.6	0.0
19/01/2024 6:50	2.5	266	21	4.2	0.0
19/01/2024 7:00	2.7	278	21	4.2	0.0
19/01/2024 7:10	2.9	274	18	4.0	0.0
19/01/2024 7:20	2.9	291	21	4.7	0.0
19/01/2024 7:30	3.3	297	19	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 7:40	2.9	284	20	4.5	0.0
19/01/2024 7:50	3.3	290	21	5.0	0.0
19/01/2024 8:00	3.3	289	22	5.0	0.0
19/01/2024 8:10	3.6	297	21	5.2	0.0
19/01/2024 8:20	3.3	285	21	5.0	0.0
19/01/2024 8:30	3.7	302	19	6.0	0.0
19/01/2024 8:40	3.8	299	20	6.3	0.0
19/01/2024 8:50	3.9	295	21	6.2	0.0
19/01/2024 9:00	3.7	289	23	5.6	0.0
19/01/2024 9:10	4.3	300	16	6.4	0.0
19/01/2024 9:20	4.1	282	25	6.4	0.0
19/01/2024 9:30	3.8	283	21	5.6	0.0
19/01/2024 9:40	3.8	289	19	6.7	0.0
19/01/2024 9:50	3.5	287	26	6.4	0.0
19/01/2024 10:00	3.6	279	21	5.5	0.0
19/01/2024 10:10	4.1	277	22	6.0	0.0
19/01/2024 10:20	3.7	277	22	5.8	0.0
19/01/2024 10:30	4.1	274	20	6.3	0.0
19/01/2024 10:40	4.4	280	22	6.8	0.0
19/01/2024 10:50	3.9	273	24	6.1	0.0
19/01/2024 11:00	4.0	270	22	6.6	0.0
19/01/2024 11:10	3.9	263	22	6.0	0.0
19/01/2024 11:20	4.3	266	18	6.0	0.0
19/01/2024 11:30	4.0	277	17	5.9	0.0
19/01/2024 11:40	3.6	262	30	5.6	0.0
19/01/2024 11:50	4.1	265	21	6.3	0.0
19/01/2024 12:00	3.6	265	27	5.6	0.0
19/01/2024 12:10	3.6	279	23	6.0	0.0
19/01/2024 12:20	4.0	271	23	5.6	0.0
19/01/2024 12:30	4.8	294	22	7.4	0.0
19/01/2024 12:40	3.4	271	34	5.2	0.0
19/01/2024 12:50	3.8	260	26	5.8	0.0
19/01/2024 13:00	4.1	276	25	6.2	0.0
19/01/2024 13:10	3.9	267	22	6.0	0.0
19/01/2024 13:20	4.0	271	26	6.2	0.0
19/01/2024 13:30	3.7	265	21	5.8	0.0
19/01/2024 13:40	4.1	275	22	6.3	0.0
19/01/2024 13:50	4.2	286	23	7.0	0.0
19/01/2024 14:00	4.2	286	24	6.4	0.0
19/01/2024 14:10	4.5	293	22	6.8	0.0
19/01/2024 14:20	5.0	299	20	7.6	0.0
19/01/2024 14:30	4.9	291	19	7.4	0.0
19/01/2024 14:40	4.5	289	24	6.1	0.0
19/01/2024 14:50	5.6	302	14	7.4	0.0
19/01/2024 15:00	4.9	289	22	7.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 15:10	4.2	292	24	7.2	0.0
19/01/2024 15:20	4.3	283	24	6.4	0.0
19/01/2024 15:30	4.3	278	24	6.5	0.0
19/01/2024 15:40	4.3	279	22	6.7	0.0
19/01/2024 15:50	4.2	276	18	6.6	0.0
19/01/2024 16:00	4.4	275	22	6.9	0.0
19/01/2024 16:10	4.2	279	25	6.4	0.0
19/01/2024 16:20	4.2	280	22	6.4	0.0
19/01/2024 16:30	4.3	279	23	6.3	0.0
19/01/2024 16:40	4.6	281	20	6.8	0.0
19/01/2024 16:50	4.3	270	21	6.7	0.0
19/01/2024 17:00	4.4	265	18	6.7	0.0
19/01/2024 17:10	4.3	275	23	6.7	0.0
19/01/2024 17:20	4.5	267	25	6.8	0.0
19/01/2024 17:30	4.7	273	19	7.4	0.0
19/01/2024 17:40	2.8	258	42	5.0	0.0
19/01/2024 17:50	3.0	261	42	6.0	0.0
19/01/2024 18:00	3.7	283	21	5.5	0.0
19/01/2024 18:10	4.0	276	22	5.7	0.0
19/01/2024 18:20	3.3	269	30	6.2	0.0
19/01/2024 18:30	3.2	272	22	5.3	0.0
19/01/2024 18:40	2.7	275	25	4.2	0.0
19/01/2024 18:50	2.9	275	21	4.2	0.0
19/01/2024 19:00	3.5	286	24	5.2	0.0
19/01/2024 19:10	4.1	294	18	6.2	0.0
19/01/2024 19:20	4.0	295	20	6.4	0.0
19/01/2024 19:30	3.9	298	20	6.1	0.0
19/01/2024 19:40	4.1	297	19	6.3	0.0
19/01/2024 19:50	3.2	287	23	5.0	0.0
19/01/2024 20:00	3.2	287	21	5.1	0.0
19/01/2024 20:10	3.5	293	21	5.8	0.0
19/01/2024 20:20	3.3	286	26	5.6	0.0
19/01/2024 20:30	3.5	291	20	5.5	0.0
19/01/2024 20:40	3.5	291	23	5.6	0.0
19/01/2024 20:50	3.6	290	24	5.8	0.0
19/01/2024 21:00	3.6	290	26	5.9	0.0
19/01/2024 21:10	3.8	301	23	6.3	0.0
19/01/2024 21:20	3.9	284	22	5.9	0.0
19/01/2024 21:30	4.1	291	25	6.4	0.0
19/01/2024 21:40	4.4	289	24	6.8	0.0
19/01/2024 21:50	4.0	287	19	6.6	0.0
19/01/2024 22:00	3.9	291	22	5.7	0.0
19/01/2024 22:10	4.0	288	25	6.5	0.0
19/01/2024 22:20	4.1	276	21	6.9	0.0
19/01/2024 22:30	4.1	277	23	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/01/2024 22:40	4.0	269	22	6.4	0.0
19/01/2024 22:50	3.7	269	21	6.4	0.0
19/01/2024 23:00	4.0	270	23	6.3	0.0
19/01/2024 23:10	3.6	272	23	6.1	0.0
19/01/2024 23:20	3.7	277	17	5.6	0.0
19/01/2024 23:30	3.5	271	23	5.9	0.0
19/01/2024 23:40	3.5	271	21	6.0	0.0
19/01/2024 23:50	3.9	265	19	6.0	0.0
20/01/2024 0:00	3.3	262	21	5.5	0.0
20/01/2024 0:10	3.5	280	17	5.6	0.0
20/01/2024 0:20	3.3	276	18	5.0	0.0
20/01/2024 0:30	3.0	271	26	5.0	0.0
20/01/2024 0:40	3.4	269	22	5.6	0.0
20/01/2024 0:50	3.3	267	21	5.8	0.0
20/01/2024 1:00	3.2	275	19	5.2	0.0
20/01/2024 1:10	3.6	272	21	6.1	0.0
20/01/2024 1:20	3.5	268	21	6.0	0.0
20/01/2024 1:30	3.5	268	23	5.4	0.0
20/01/2024 1:40	4.1	274	21	6.2	0.0
20/01/2024 1:50	4.4	280	20	6.4	0.0
20/01/2024 2:00	4.3	264	22	7.2	0.0
20/01/2024 2:10	4.0	276	22	6.2	0.0
20/01/2024 2:20	3.7	280	20	5.8	0.0
20/01/2024 2:30	4.0	280	19	6.2	0.0
20/01/2024 2:40	3.4	268	25	5.4	0.0
20/01/2024 2:50	3.6	266	22	6.1	0.0
20/01/2024 3:00	3.4	270	21	5.5	0.0
20/01/2024 3:10	3.3	271	21	5.1	0.0
20/01/2024 3:20	3.3	281	22	5.2	0.0
20/01/2024 3:30	2.9	282	23	4.8	0.0
20/01/2024 3:40	3.5	285	22	6.0	0.0
20/01/2024 3:50	3.3	289	19	5.1	0.0
20/01/2024 4:00	3.9	279	18	5.6	0.0
20/01/2024 4:10	3.6	282	21	6.0	0.0
20/01/2024 4:20	3.3	284	21	5.6	0.0
20/01/2024 4:30	3.1	284	23	5.2	0.0
20/01/2024 4:40	3.5	276	24	5.9	0.0
20/01/2024 4:50	3.6	268	24	6.3	0.0
20/01/2024 5:00	3.6	277	20	5.9	0.0
20/01/2024 5:10	3.7	273	22	6.2	0.0
20/01/2024 5:20	3.6	266	25	5.5	0.0
20/01/2024 5:30	3.4	277	22	5.3	0.0
20/01/2024 5:40	3.3	273	20	5.1	0.0
20/01/2024 5:50	3.3	275	20	5.2	0.0
20/01/2024 6:00	3.2	280	18	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 6:10	3.3	276	21	4.8	0.0
20/01/2024 6:20	3.7	276	18	5.3	0.0
20/01/2024 6:30	3.4	282	22	5.0	0.0
20/01/2024 6:40	2.6	281	24	4.4	0.0
20/01/2024 6:50	3.0	265	26	5.2	0.0
20/01/2024 7:00	3.1	270	21	4.8	0.0
20/01/2024 7:10	2.6	260	30	5.4	0.0
20/01/2024 7:20	2.6	274	25	4.3	0.0
20/01/2024 7:30	3.0	279	20	4.6	0.0
20/01/2024 7:40	3.3	275	23	4.7	0.0
20/01/2024 7:50	3.4	273	20	5.4	0.0
20/01/2024 8:00	3.7	265	19	5.1	0.0
20/01/2024 8:10	3.6	267	18	5.4	0.0
20/01/2024 8:20	3.8	274	17	5.6	0.0
20/01/2024 8:30	3.1	278	25	4.8	0.0
20/01/2024 8:40	3.3	281	29	5.2	0.0
20/01/2024 8:50	3.8	288	23	6.0	0.0
20/01/2024 9:00	3.6	289	22	6.2	0.0
20/01/2024 9:10	3.8	290	21	6.2	0.0
20/01/2024 9:20	3.9	284	21	6.0	0.0
20/01/2024 9:30	3.7	277	23	6.0	0.0
20/01/2024 9:40	3.8	280	25	6.1	0.0
20/01/2024 9:50	4.1	292	23	5.9	0.0
20/01/2024 10:00	3.7	271	21	5.8	0.0
20/01/2024 10:10	3.3	268	31	5.5	0.0
20/01/2024 10:20	3.7	272	24	5.7	0.0
20/01/2024 10:30	4.3	272	21	6.1	0.0
20/01/2024 10:40	3.7	279	24	5.6	0.0
20/01/2024 10:50	4.0	277	22	6.4	0.0
20/01/2024 11:00	4.4	277	22	6.3	0.0
20/01/2024 11:10	4.3	282	23	6.3	0.0
20/01/2024 11:20	4.3	281	22	6.4	0.0
20/01/2024 11:30	4.3	266	22	6.8	0.0
20/01/2024 11:40	4.2	269	20	6.6	0.0
20/01/2024 11:50	4.4	263	17	6.3	0.0
20/01/2024 12:00	4.1	265	20	6.0	0.0
20/01/2024 12:10	4.2	261	20	6.0	0.0
20/01/2024 12:20	4.2	277	21	6.1	0.0
20/01/2024 12:30	3.9	282	22	5.5	0.0
20/01/2024 12:40	3.8	276	26	6.0	0.0
20/01/2024 12:50	3.8	266	29	5.5	0.0
20/01/2024 13:00	3.9	276	20	5.5	0.0
20/01/2024 13:10	4.0	282	20	6.1	0.0
20/01/2024 13:20	3.9	297	28	6.3	0.0
20/01/2024 13:30	4.4	292	22	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 13:40	3.7	291	25	6.0	0.0
20/01/2024 13:50	4.2	276	20	6.0	0.0
20/01/2024 14:00	4.2	283	23	6.6	0.0
20/01/2024 14:10	4.2	292	19	6.8	0.0
20/01/2024 14:20	4.4	293	20	6.4	0.0
20/01/2024 14:30	4.3	294	19	7.1	0.0
20/01/2024 14:40	4.0	290	25	5.9	0.0
20/01/2024 14:50	4.1	280	23	6.1	0.0
20/01/2024 15:00	4.4	305	23	7.3	0.0
20/01/2024 15:10	4.9	311	17	7.3	0.0
20/01/2024 15:20	4.7	303	18	6.4	0.0
20/01/2024 15:30	4.4	298	19	7.0	0.0
20/01/2024 15:40	4.7	304	19	6.8	0.0
20/01/2024 15:50	4.7	306	19	6.8	0.0
20/01/2024 16:00	4.2	296	21	6.5	0.0
20/01/2024 16:10	4.3	285	23	6.5	0.0
20/01/2024 16:20	3.7	272	25	5.7	0.0
20/01/2024 16:30	4.3	280	26	6.4	0.0
20/01/2024 16:40	4.6	282	23	6.8	0.0
20/01/2024 16:50	4.5	277	18	6.9	0.0
20/01/2024 17:00	4.0	281	25	7.1	0.0
20/01/2024 17:10	4.2	287	23	6.3	0.0
20/01/2024 17:20	4.4	282	21	6.4	0.0
20/01/2024 17:30	4.4	294	23	7.2	0.0
20/01/2024 17:40	4.3	296	22	6.9	0.0
20/01/2024 17:50	4.3	300	22	7.1	0.0
20/01/2024 18:00	4.6	296	20	8.1	0.0
20/01/2024 18:10	3.9	294	23	6.7	0.0
20/01/2024 18:20	4.8	298	18	7.2	0.0
20/01/2024 18:30	5.0	304	16	6.8	0.0
20/01/2024 18:40	3.6	298	24	5.6	0.0
20/01/2024 18:50	4.3	298	19	6.4	0.0
20/01/2024 19:00	4.1	297	20	6.6	0.0
20/01/2024 19:10	4.2	298	20	6.4	0.0
20/01/2024 19:20	3.9	293	22	6.2	0.0
20/01/2024 19:30	3.9	287	23	5.6	0.0
20/01/2024 19:40	4.1	293	23	6.7	0.0
20/01/2024 19:50	3.9	284	23	5.9	0.0
20/01/2024 20:00	3.8	283	25	5.9	0.0
20/01/2024 20:10	4.3	293	23	7.0	0.0
20/01/2024 20:20	4.1	290	20	6.6	0.0
20/01/2024 20:30	3.7	284	22	6.2	0.0
20/01/2024 20:40	3.1	291	25	5.2	0.0
20/01/2024 20:50	3.8	281	20	6.3	0.0
20/01/2024 21:00	3.9	284	21	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/01/2024 21:10	3.5	288	24	5.5	0.0
20/01/2024 21:20	4.2	280	18	6.5	0.0
20/01/2024 21:30	3.8	284	23	6.5	0.0
20/01/2024 21:40	3.5	280	20	5.6	0.0
20/01/2024 21:50	3.7	278	20	6.4	0.0
20/01/2024 22:00	3.9	283	21	6.0	0.0
20/01/2024 22:10	3.9	283	27	6.5	0.0
20/01/2024 22:20	3.4	288	22	5.2	0.0
20/01/2024 22:30	3.8	288	22	6.6	0.0
20/01/2024 22:40	3.7	286	24	6.4	0.0
20/01/2024 22:50	4.0	276	26	6.0	0.0
20/01/2024 23:00	3.8	283	20	6.0	0.0
20/01/2024 23:10	3.8	283	22	6.0	0.0
20/01/2024 23:20	3.7	287	24	6.0	0.0
20/01/2024 23:30	3.9	286	24	6.0	0.0
20/01/2024 23:40	4.3	284	22	7.0	0.0
20/01/2024 23:50	4.1	282	27	6.7	0.0
21/01/2024 0:00	4.4	281	19	6.6	0.0
21/01/2024 0:10	4.4	282	19	6.8	0.0
21/01/2024 0:20	3.8	280	23	6.2	0.0
21/01/2024 0:30	3.8	293	27	6.6	0.0
21/01/2024 0:40	4.1	285	23	6.3	0.0
21/01/2024 0:50	3.9	287	24	6.6	0.0
21/01/2024 1:00	4.1	283	21	6.3	0.0
21/01/2024 1:10	3.5	288	24	5.8	0.0
21/01/2024 1:20	4.0	288	25	6.5	0.0
21/01/2024 1:30	3.6	292	24	5.7	0.0
21/01/2024 1:40	3.1	280	25	5.2	0.0
21/01/2024 1:50	2.7	283	21	4.8	0.0
21/01/2024 2:00	2.6	276	23	5.1	0.0
21/01/2024 2:10	2.8	283	23	4.3	0.0
21/01/2024 2:20	2.7	284	24	4.5	0.0
21/01/2024 2:30	2.4	286	23	4.3	0.0
21/01/2024 2:40	2.1	289	25	4.0	0.0
21/01/2024 2:50	2.6	298	24	4.7	0.0
21/01/2024 3:00	2.7	286	22	4.5	0.0
21/01/2024 3:10	2.8	298	18	4.8	0.0
21/01/2024 3:20	2.1	290	23	4.3	0.0
21/01/2024 3:30	2.7	287	20	4.4	0.0
21/01/2024 3:40	2.3	286	24	4.2	0.0
21/01/2024 3:50	2.3	287	24	4.4	0.0
21/01/2024 4:00	2.7	294	22	4.9	0.0
21/01/2024 4:10	2.4	293	21	4.1	0.0
21/01/2024 4:20	2.2	283	26	4.1	0.0
21/01/2024 4:30	2.2	282	21	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 4:40	2.0	284	25	3.4	0.0
21/01/2024 4:50	2.2	272	23	4.0	0.0
21/01/2024 5:00	2.0	264	26	3.5	0.0
21/01/2024 5:10	2.0	272	23	3.3	0.0
21/01/2024 5:20	1.8	269	24	3.2	0.0
21/01/2024 5:30	1.6	271	24	2.8	0.0
21/01/2024 5:40	1.3	275	25	2.4	0.0
21/01/2024 5:50	0.7	281	17	2.0	0.0
21/01/2024 6:00	1.4	273	19	2.6	0.0
21/01/2024 6:10	1.1	273	17	2.1	0.0
21/01/2024 6:20	0.7	278	21	2.1	0.0
21/01/2024 6:30	0.5	283	16	1.2	0.0
21/01/2024 6:40	0.0	293	5	0.4	0.0
21/01/2024 6:50	0.8	334	9	1.7	0.0
21/01/2024 7:00	0.5	337	12	1.2	0.0
21/01/2024 7:10	0.1	337	5	0.5	0.0
21/01/2024 7:20	0.5	343	8	1.3	0.0
21/01/2024 7:30	0.3	323	8	1.0	0.0
21/01/2024 7:40	0.4	296	14	1.4	0.0
21/01/2024 7:50	0.9	313	21	2.0	0.0
21/01/2024 8:00	0.8	155	27	1.7	0.0
21/01/2024 8:10	0.9	192	24	1.7	0.0
21/01/2024 8:20	0.5	76	22	1.3	0.0
21/01/2024 8:30	2.4	60	15	3.2	0.0
21/01/2024 8:40	2.3	85	17	3.1	0.0
21/01/2024 8:50	2.7	85	14	3.6	0.0
21/01/2024 9:00	2.2	74	20	3.0	0.0
21/01/2024 9:10	2.4	79	19	3.2	0.0
21/01/2024 9:20	2.4	77	18	3.3	0.0
21/01/2024 9:30	2.6	75	20	3.6	0.0
21/01/2024 9:40	2.7	80	18	3.6	0.0
21/01/2024 9:50	2.7	70	18	3.7	0.0
21/01/2024 10:00	2.8	64	14	4.0	0.0
21/01/2024 10:10	2.9	65	15	4.3	0.0
21/01/2024 10:20	3.4	64	15	4.6	0.0
21/01/2024 10:30	3.6	58	15	4.9	0.0
21/01/2024 10:40	3.3	66	17	4.5	0.0
21/01/2024 10:50	3.5	60	13	4.8	0.0
21/01/2024 11:00	3.3	65	15	4.7	0.0
21/01/2024 11:10	3.3	63	16	4.5	0.0
21/01/2024 11:20	3.4	61	13	4.7	0.0
21/01/2024 11:30	3.1	65	15	4.2	0.0
21/01/2024 11:40	3.5	65	16	4.8	0.0
21/01/2024 11:50	3.0	77	19	3.9	0.0
21/01/2024 12:00	3.5	65	17	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 12:10	3.8	58	11	4.6	0.0
21/01/2024 12:20	4.0	63	11	5.2	0.0
21/01/2024 12:30	3.7	57	17	5.2	0.0
21/01/2024 12:40	3.3	39	30	4.9	0.0
21/01/2024 12:50	3.7	47	17	5.2	0.0
21/01/2024 13:00	3.3	180	24	5.6	0.0
21/01/2024 13:10	3.2	352	17	5.1	0.0
21/01/2024 13:20	2.7	352	34	4.8	0.0
21/01/2024 13:30	2.5	192	37	4.1	0.0
21/01/2024 13:40	3.5	2	22	5.5	0.0
21/01/2024 13:50	3.6	177	20	5.5	0.0
21/01/2024 14:00	4.0	181	21	6.4	0.0
21/01/2024 14:10	3.9	352	18	5.7	0.0
21/01/2024 14:20	3.1	182	21	4.9	0.0
21/01/2024 14:30	3.4	183	27	5.0	0.0
21/01/2024 14:40	4.0	10	20	5.6	0.0
21/01/2024 14:50	4.6	354	19	6.4	0.0
21/01/2024 15:00	4.8	348	16	6.2	0.0
21/01/2024 15:10	4.6	345	16	6.8	0.0
21/01/2024 15:20	4.7	345	16	6.2	0.0
21/01/2024 15:30	4.4	342	15	6.1	0.0
21/01/2024 15:40	4.0	330	14	5.6	0.0
21/01/2024 15:50	3.9	319	19	5.5	0.0
21/01/2024 16:00	4.0	319	16	5.8	0.0
21/01/2024 16:10	4.5	325	13	6.0	0.0
21/01/2024 16:20	4.1	329	18	5.8	0.0
21/01/2024 16:30	4.7	331	13	6.4	0.0
21/01/2024 16:40	4.2	339	18	5.8	0.0
21/01/2024 16:50	3.7	325	18	5.6	0.0
21/01/2024 17:00	3.9	333	14	5.3	0.0
21/01/2024 17:10	4.2	333	16	5.4	0.0
21/01/2024 17:20	3.9	334	14	5.6	0.0
21/01/2024 17:30	4.2	330	12	5.6	0.0
21/01/2024 17:40	4.6	330	13	6.2	0.0
21/01/2024 17:50	4.0	329	15	5.7	0.0
21/01/2024 18:00	3.5	327	12	5.4	0.0
21/01/2024 18:10	2.8	297	23	4.7	0.0
21/01/2024 18:20	2.5	291	28	4.4	0.0
21/01/2024 18:30	2.4	279	23	3.6	0.0
21/01/2024 18:40	2.5	315	29	3.6	0.0
21/01/2024 18:50	2.8	322	15	4.1	0.0
21/01/2024 19:00	2.8	315	15	4.0	0.0
21/01/2024 19:10	2.4	290	22	3.8	0.0
21/01/2024 19:20	3.3	298	20	5.1	0.0
21/01/2024 19:30	2.6	294	22	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/01/2024 19:40	2.6	295	22	4.0	0.0
21/01/2024 19:50	2.5	294	23	4.0	0.0
21/01/2024 20:00	1.8	288	29	2.9	0.0
21/01/2024 20:10	1.6	267	27	2.7	0.0
21/01/2024 20:20	1.4	312	17	2.1	0.0
21/01/2024 20:30	0.4	302	11	1.1	0.0
21/01/2024 20:40	0.2	311	5	1.7	0.0
21/01/2024 20:50	0.5	331	7	1.5	0.0
21/01/2024 21:00	1.7	333	9	2.5	0.0
21/01/2024 21:10	2.1	346	9	2.9	0.0
21/01/2024 21:20	1.7	347	15	2.8	0.0
21/01/2024 21:30	1.5	328	14	2.4	0.0
21/01/2024 21:40	1.5	328	8	2.4	0.0
21/01/2024 21:50	1.6	326	13	2.4	0.0
21/01/2024 22:00	2.2	327	10	2.9	0.0
21/01/2024 22:10	1.9	331	11	2.8	0.0
21/01/2024 22:20	2.2	328	11	3.0	0.0
21/01/2024 22:30	3.3	324	13	4.4	0.0
21/01/2024 22:40	3.4	314	16	4.8	0.0
21/01/2024 22:50	3.0	307	19	5.2	0.0
21/01/2024 23:00	4.1	324	13	5.7	0.0
21/01/2024 23:10	3.7	313	18	5.2	0.0
21/01/2024 23:20	1.7	305	8	3.2	0.0
21/01/2024 23:30					0.0
21/01/2024 23:40					0.0
21/01/2024 23:50					0.0
22/01/2024 0:00					0.0
22/01/2024 0:10	0.1	286	8	0.4	0.0
22/01/2024 0:20	0.2	307	14	0.4	0.0
22/01/2024 0:30	0.2	322	9	0.4	0.0
22/01/2024 0:40	0.2	312	11	0.4	0.0
22/01/2024 0:50	0.2	318	12	0.4	0.0
22/01/2024 1:00	0.2	303	13	0.4	0.0
22/01/2024 1:10	0.2	320	10	0.4	0.0
22/01/2024 1:20	0.2	317	12	0.4	0.0
22/01/2024 1:30	0.1	325	2	0.4	0.0
22/01/2024 1:40	0.1	329	5	0.4	0.0
22/01/2024 1:50	0.2	322	8	0.4	0.0
22/01/2024 2:00	0.3	320	13	0.4	0.0
22/01/2024 2:10	0.2	325	10	0.4	0.0
22/01/2024 2:20	0.2	330	11	0.4	0.0
22/01/2024 2:30	0.2	340	7	0.4	0.0
22/01/2024 2:40	0.4	340	11	1.7	0.0
22/01/2024 2:50	2.1	349	13	3.3	0.0
22/01/2024 3:00	2.3	178	16	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 3:10	1.4	182	12	2.2	0.0
22/01/2024 3:20	0.5	171	12	1.5	0.0
22/01/2024 3:30	0.6	2	13	1.8	0.0
22/01/2024 3:40	0.1	36	5	0.9	0.0
22/01/2024 3:50					0.0
22/01/2024 4:00					0.0
22/01/2024 4:10	0.0	8	1	0.4	0.0
22/01/2024 4:20	0.0	15	3	0.4	0.0
22/01/2024 4:30					0.0
22/01/2024 4:40	0.3	12	8	1.6	0.0
22/01/2024 4:50	0.1	25	3	0.8	0.0
22/01/2024 5:00	0.1	51	4	0.4	0.0
22/01/2024 5:10	0.2	49	8	0.6	0.0
22/01/2024 5:20	0.4	55	15	1.6	0.0
22/01/2024 5:30	2.0	48	18	2.9	0.0
22/01/2024 5:40	2.6	58	13	3.5	0.0
22/01/2024 5:50	2.6	73	14	4.6	0.0
22/01/2024 6:00	3.0	80	16	4.4	0.0
22/01/2024 6:10	2.9	70	13	4.2	0.0
22/01/2024 6:20	3.1	60	13	5.2	0.0
22/01/2024 6:30	3.6	50	14	5.0	0.0
22/01/2024 6:40	3.5	56	14	4.9	0.0
22/01/2024 6:50	3.3	51	13	4.5	0.0
22/01/2024 7:00	3.3	43	13	4.9	0.0
22/01/2024 7:10	3.5	38	14	4.9	0.0
22/01/2024 7:20	3.4	41	13	4.5	0.0
22/01/2024 7:30	3.6	40	12	4.9	0.0
22/01/2024 7:40	3.1	41	14	4.7	0.0
22/01/2024 7:50	3.6	28	12	4.9	0.0
22/01/2024 8:00	3.4	37	14	4.8	0.0
22/01/2024 8:10	4.2	43	13	5.4	0.0
22/01/2024 8:20	4.1	42	13	5.5	0.0
22/01/2024 8:30	3.7	49	15	5.2	0.0
22/01/2024 8:40	4.2	48	14	5.6	0.0
22/01/2024 8:50	4.2	41	15	6.3	0.0
22/01/2024 9:00	4.4	45	14	5.9	0.0
22/01/2024 9:10	4.9	40	14	6.7	0.0
22/01/2024 9:20	4.7	36	14	6.6	0.0
22/01/2024 9:30	4.7	41	12	6.4	0.0
22/01/2024 9:40	4.8	49	12	6.5	0.0
22/01/2024 9:50	5.1	52	12	6.6	0.0
22/01/2024 10:00	4.1	42	15	6.0	0.0
22/01/2024 10:10	4.2	34	18	6.0	0.0
22/01/2024 10:20	4.3	32	13	5.9	0.0
22/01/2024 10:30	4.6	45	15	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 10:40	4.7	50	14	6.6	0.0
22/01/2024 10:50	4.7	56	14	6.2	0.0
22/01/2024 11:00	4.9	53	15	6.4	0.0
22/01/2024 11:10	4.2	34	18	5.5	0.0
22/01/2024 11:20	4.1	40	23	5.9	0.0
22/01/2024 11:30	3.2	21	29	4.8	0.0
22/01/2024 11:40	4.5	354	15	6.4	0.0
22/01/2024 11:50	5.2	347	18	7.0	0.0
22/01/2024 12:00	4.8	339	15	6.8	0.0
22/01/2024 12:10	4.7	346	16	6.9	0.0
22/01/2024 12:20	5.1	341	16	7.1	0.0
22/01/2024 12:30	5.1	348	12	7.3	0.0
22/01/2024 12:40	5.1	344	15	6.8	0.0
22/01/2024 12:50	5.1	342	16	7.0	0.0
22/01/2024 13:00	4.6	344	15	7.2	0.0
22/01/2024 13:10	4.9	333	15	7.5	0.0
22/01/2024 13:20	4.7	344	20	6.7	0.0
22/01/2024 13:30	4.8	334	16	6.8	0.0
22/01/2024 13:40	4.9	339	19	6.8	0.0
22/01/2024 13:50	4.5	322	19	6.3	0.0
22/01/2024 14:00	4.7	320	18	7.0	0.0
22/01/2024 14:10	4.0	314	20	6.1	0.0
22/01/2024 14:20	4.0	335	18	6.3	0.0
22/01/2024 14:30	4.2	180	16	5.6	0.0
22/01/2024 14:40	4.6	8	14	6.4	0.0
22/01/2024 14:50	4.6	351	17	6.6	0.0
22/01/2024 15:00	4.4	344	16	5.9	0.0
22/01/2024 15:10	4.5	175	18	6.9	0.0
22/01/2024 15:20	4.6	354	14	6.4	0.0
22/01/2024 15:30	4.2	354	15	6.0	0.0
22/01/2024 15:40	4.3	178	15	6.2	0.0
22/01/2024 15:50	4.2	354	17	6.1	0.0
22/01/2024 16:00	4.4	175	18	5.8	0.0
22/01/2024 16:10	4.0	348	15	5.8	0.0
22/01/2024 16:20	4.6	354	12	6.0	0.0
22/01/2024 16:30	4.0	336	18	5.8	0.0
22/01/2024 16:40	3.8	303	19	5.7	0.0
22/01/2024 16:50	3.7	300	22	5.4	0.0
22/01/2024 17:00	4.2	326	15	5.9	0.0
22/01/2024 17:10	3.8	324	18	5.7	0.0
22/01/2024 17:20	3.1	320	20	4.5	0.0
22/01/2024 17:30	3.1	321	25	4.8	0.0
22/01/2024 17:40	3.0	320	25	5.1	0.0
22/01/2024 17:50	2.5	307	22	4.2	0.0
22/01/2024 18:00	2.8	273	22	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/01/2024 18:10	2.1	254	22	3.2	0.0
22/01/2024 18:20	1.9	278	31	3.3	0.0
22/01/2024 18:30	2.2	280	25	3.3	0.0
22/01/2024 18:40	2.1	275	22	3.2	0.0
22/01/2024 18:50	2.3	288	20	3.5	0.0
22/01/2024 19:00	1.4	220	32	2.5	0.0
22/01/2024 19:10	1.4	99	51	2.2	0.0
22/01/2024 19:20	1.7	340	17	2.2	0.0
22/01/2024 19:30	1.7	323	14	2.4	0.0
22/01/2024 19:40	1.7	338	15	2.4	0.0
22/01/2024 19:50	2.2	330	13	3.2	0.0
22/01/2024 20:00	2.9	316	15	4.2	0.0
22/01/2024 20:10	2.2	291	20	3.5	0.0
22/01/2024 20:20	2.2	289	19	3.5	0.0
22/01/2024 20:30	1.8	290	19	2.9	0.0
22/01/2024 20:40	2.0	265	22	2.9	0.0
22/01/2024 20:50	3.1	265	13	4.5	0.0
22/01/2024 21:00	2.7	268	22	4.0	0.0
22/01/2024 21:10	3.1	272	16	4.4	0.0
22/01/2024 21:20	3.3	264	17	5.0	0.0
22/01/2024 21:30	3.1	268	20	4.8	0.0
22/01/2024 21:40	3.3	271	14	4.5	0.0
22/01/2024 21:50	3.1	279	15	5.0	0.0
22/01/2024 22:00	3.0	280	19	4.5	0.0
22/01/2024 22:10	2.6	277	22	3.9	0.0
22/01/2024 22:20	2.5	285	22	4.0	0.0
22/01/2024 22:30	1.9	283	25	3.2	0.0
22/01/2024 22:40	1.6	301	23	2.8	0.0
22/01/2024 22:50	2.0	280	16	2.8	0.0
22/01/2024 23:00	2.0	271	22	3.1	0.0
22/01/2024 23:10	2.1	289	19	3.2	0.0
22/01/2024 23:20	1.9	297	22	3.1	0.0
22/01/2024 23:30	2.2	300	22	4.0	0.0
22/01/2024 23:40	1.2	268	18	2.5	0.0
22/01/2024 23:50	0.8	195	18	2.8	0.0
23/01/2024 0:00	0.9	214	19	2.4	0.0
23/01/2024 0:10	1.2	279	29	2.4	0.0
23/01/2024 0:20	1.7	318	16	2.4	0.0
23/01/2024 0:30	1.7	293	16	2.8	0.0
23/01/2024 0:40	1.6	286	15	2.5	0.0
23/01/2024 0:50	1.5	313	19	2.6	0.0
23/01/2024 1:00	1.7	297	22	2.5	0.0
23/01/2024 1:10	1.9	281	18	3.0	0.0
23/01/2024 1:20	2.1	295	29	3.6	0.0
23/01/2024 1:30	2.5	291	16	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 1:40	2.4	298	18	3.6	0.0
23/01/2024 1:50	2.9	302	16	4.4	0.0
23/01/2024 2:00	2.7	260	25	4.0	0.0
23/01/2024 2:10	2.7	267	23	4.4	0.0
23/01/2024 2:20	3.0	291	19	4.6	0.0
23/01/2024 2:30	2.7	286	24	4.9	0.0
23/01/2024 2:40	2.8	275	20	5.2	0.0
23/01/2024 2:50	2.5	267	36	4.4	0.0
23/01/2024 3:00	2.9	296	17	4.6	0.0
23/01/2024 3:10	2.8	298	18	4.3	0.0
23/01/2024 3:20	2.6	296	20	3.9	0.0
23/01/2024 3:30	2.6	277	21	3.7	0.0
23/01/2024 3:40	2.0	278	21	3.0	0.0
23/01/2024 3:50	2.2	260	22	3.5	0.0
23/01/2024 4:00	2.8	278	17	4.5	0.0
23/01/2024 4:10	2.9	266	19	4.8	0.0
23/01/2024 4:20	2.6	265	25	4.0	0.0
23/01/2024 4:30	2.6	267	19	4.2	0.0
23/01/2024 4:40	2.1	273	23	3.3	0.0
23/01/2024 4:50	2.1	276	21	3.5	0.0
23/01/2024 5:00	2.2	279	19	3.5	0.0
23/01/2024 5:10	2.5	256	21	4.0	0.0
23/01/2024 5:20	2.1	259	23	3.4	0.0
23/01/2024 5:30	1.5	265	18	2.6	0.0
23/01/2024 5:40	1.6	254	24	2.8	0.0
23/01/2024 5:50	0.7	241	26	2.0	0.0
23/01/2024 6:00	0.0	297	0	0.4	0.0
23/01/2024 6:10					0.0
23/01/2024 6:20					0.0
23/01/2024 6:30					0.0
23/01/2024 6:40	0.5	30	6	1.7	0.0
23/01/2024 6:50	0.2	19	3	1.6	0.0
23/01/2024 7:00	0.8	187	9	1.8	0.0
23/01/2024 7:10	2.0	346	13	2.7	0.0
23/01/2024 7:20	2.2	341	18	3.1	0.0
23/01/2024 7:30	2.7	324	11	4.0	0.0
23/01/2024 7:40	2.3	320	18	3.6	0.0
23/01/2024 7:50	2.6	328	15	3.6	0.0
23/01/2024 8:00	2.8	327	13	3.7	0.0
23/01/2024 8:10	2.1	316	20	3.2	0.0
23/01/2024 8:20	1.9	277	27	3.0	0.0
23/01/2024 8:30	1.7	256	26	3.1	0.0
23/01/2024 8:40	1.8	281	32	2.8	0.0
23/01/2024 8:50	1.5	294	33	2.7	0.0
23/01/2024 9:00	1.4	251	31	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 9:10	1.0	318	38	2.0	0.0
23/01/2024 9:20	1.9	142	36	3.5	0.0
23/01/2024 9:30	3.1	117	17	4.1	0.0
23/01/2024 9:40	2.7	112	19	4.1	0.0
23/01/2024 9:50	3.1	119	14	4.2	0.0
23/01/2024 10:00	3.1	129	21	4.5	0.0
23/01/2024 10:10	3.4	115	17	5.4	0.0
23/01/2024 10:20	2.2	105	19	3.5	0.0
23/01/2024 10:30	2.0	76	30	3.2	0.0
23/01/2024 10:40	1.7	55	31	2.5	0.0
23/01/2024 10:50	1.8	41	27	2.7	0.0
23/01/2024 11:00	2.3	64	17	2.8	0.0
23/01/2024 11:10	2.6	61	17	4.1	0.0
23/01/2024 11:20	2.9	54	11	3.6	0.0
23/01/2024 11:30	3.0	62	16	4.4	0.0
23/01/2024 11:40	3.7	56	12	4.7	0.0
23/01/2024 11:50	4.5	52	8	5.4	0.0
23/01/2024 12:00	4.7	57	10	6.0	0.0
23/01/2024 12:10	4.9	58	13	6.6	0.0
23/01/2024 12:20	4.9	55	15	6.8	0.0
23/01/2024 12:30	5.0	50	13	6.5	0.0
23/01/2024 12:40	5.2	57	14	7.2	0.0
23/01/2024 12:50	5.0	45	14	6.9	0.0
23/01/2024 13:00	4.7	50	13	6.5	0.0
23/01/2024 13:10	5.0	47	14	6.8	0.0
23/01/2024 13:20	5.0	52	15	6.6	0.0
23/01/2024 13:30	4.8	52	14	6.8	0.0
23/01/2024 13:40	4.7	53	15	6.5	0.0
23/01/2024 13:50	4.8	53	14	6.5	0.0
23/01/2024 14:00	5.1	50	13	6.9	0.0
23/01/2024 14:10	4.7	46	14	6.5	0.0
23/01/2024 14:20	4.5	48	16	6.0	0.0
23/01/2024 14:30	4.5	54	14	6.0	0.0
23/01/2024 14:40	4.8	50	14	6.8	0.0
23/01/2024 14:50	4.2	54	14	6.0	0.0
23/01/2024 15:00	3.7	67	12	6.0	0.0
23/01/2024 15:10	3.8	54	13	5.5	0.0
23/01/2024 15:20	3.4	60	13	4.7	0.0
23/01/2024 15:30	3.3	60	13	4.9	0.0
23/01/2024 15:40	3.3	63	12	4.4	0.0
23/01/2024 15:50	2.7	332	47	4.6	0.0
23/01/2024 16:00	3.0	180	25	5.1	0.0
23/01/2024 16:10	3.5	328	16	5.6	0.0
23/01/2024 16:20	4.0	335	20	5.5	0.0
23/01/2024 16:30	4.2	355	15	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/01/2024 16:40	4.3	350	15	5.5	0.0
23/01/2024 16:50	4.0	346	14	5.2	0.0
23/01/2024 17:00	2.9	182	18	4.1	0.0
23/01/2024 17:10	3.4	47	15	5.1	0.0
23/01/2024 17:20	4.0	50	12	5.5	0.0
23/01/2024 17:30	4.0	50	13	5.8	0.0
23/01/2024 17:40	4.5	47	15	6.4	0.0
23/01/2024 17:50	4.6	36	14	6.8	0.0
23/01/2024 18:00	4.2	38	15	6.0	0.0
23/01/2024 18:10	3.6	34	20	4.9	0.0
23/01/2024 18:20	5.0	77	22	8.5	0.0
23/01/2024 18:30	4.5	60	15	6.4	0.0
23/01/2024 18:40	5.0	52	12	6.8	0.0
23/01/2024 18:50	4.7	52	11	6.8	0.0
23/01/2024 19:00	4.7	40	15	6.5	0.0
23/01/2024 19:10	4.6	37	16	6.4	0.0
23/01/2024 19:20	4.4	33	14	6.0	0.0
23/01/2024 19:30	4.4	21	14	5.6	0.0
23/01/2024 19:40	4.6	27	12	6.4	0.0
23/01/2024 19:50	3.9	18	15	5.4	0.0
23/01/2024 20:00	3.8	17	13	5.8	0.0
23/01/2024 20:10	4.0	19	16	5.9	0.0
23/01/2024 20:20	3.6	8	15	4.9	0.0
23/01/2024 20:30	3.5	22	13	5.2	0.0
23/01/2024 20:40	2.4	10	24	4.3	0.0
23/01/2024 20:50	1.4	335	28	2.6	0.0
23/01/2024 21:00	1.3	300	20	2.0	0.0
23/01/2024 21:10	2.0	352	9	2.8	0.0
23/01/2024 21:20	3.4	182	10	4.2	0.0
23/01/2024 21:30	3.5	172	15	4.6	0.0
23/01/2024 21:40	3.3	328	11	4.4	0.0
23/01/2024 21:50	3.0	332	11	4.0	0.0
23/01/2024 22:00	3.7	334	12	5.4	0.0
23/01/2024 22:10	3.0	328	18	4.9	0.0
23/01/2024 22:20	2.4	326	15	4.0	0.0
23/01/2024 22:30	1.8	317	20	2.9	0.0
23/01/2024 22:40	1.5	289	21	2.3	0.0
23/01/2024 22:50	1.5	309	21	2.4	0.0
23/01/2024 23:00	1.8	323	11	2.8	0.0
23/01/2024 23:10	3.0	305	15	4.3	0.0
23/01/2024 23:20	2.6	305	14	4.0	0.0
23/01/2024 23:30	1.7	288	21	2.7	0.0
23/01/2024 23:40	1.6	284	20	2.4	0.0
23/01/2024 23:50	1.9	276	21	3.1	0.0
24/01/2024 0:00	1.5	263	21	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 0:10	1.7	213	26	2.8	0.0
24/01/2024 0:20	2.0	187	14	2.9	0.0
24/01/2024 0:30	1.8	135	29	3.6	0.0
24/01/2024 0:40	2.5	77	19	3.4	0.0
24/01/2024 0:50	2.1	76	14	3.2	0.0
24/01/2024 1:00	1.7	80	14	2.7	0.0
24/01/2024 1:10	1.5	55	12	2.0	0.0
24/01/2024 1:20	1.0	51	15	1.6	0.0
24/01/2024 1:30	1.3	15	16	1.7	0.0
24/01/2024 1:40	0.9	350	11	1.3	0.0
24/01/2024 1:50	0.9	323	8	1.3	0.0
24/01/2024 2:00	0.2	9	11	0.8	0.0
24/01/2024 2:10	0.7	327	12	1.2	0.0
24/01/2024 2:20	0.2	324	0	0.6	0.0
24/01/2024 2:30	0.2	338	4	0.7	0.0
24/01/2024 2:40	0.5	341	5	0.9	0.0
24/01/2024 2:50					0.0
24/01/2024 3:00					0.0
24/01/2024 3:10					0.0
24/01/2024 3:20	0.7	333	6	1.2	0.0
24/01/2024 3:30	0.1	342	0	0.8	0.0
24/01/2024 3:40	0.9	97	4	1.4	0.0
24/01/2024 3:50	1.0	62	17	1.5	0.0
24/01/2024 4:00	1.5	79	14	2.0	0.0
24/01/2024 4:10	1.4	63	13	2.0	0.0
24/01/2024 4:20	1.5	66	12	2.0	0.0
24/01/2024 4:30	1.4	67	13	2.0	0.0
24/01/2024 4:40	1.5	65	13	2.0	0.0
24/01/2024 4:50	1.4	73	14	2.0	0.0
24/01/2024 5:00	1.9	82	14	2.6	0.0
24/01/2024 5:10	2.2	84	13	3.0	0.0
24/01/2024 5:20	1.8	76	12	2.7	0.0
24/01/2024 5:30	1.9	73	14	3.1	0.0
24/01/2024 5:40	2.0	71	13	2.9	0.0
24/01/2024 5:50	2.1	58	12	3.1	0.0
24/01/2024 6:00	1.7	50	15	2.4	0.0
24/01/2024 6:10	1.3	42	14	2.0	0.0
24/01/2024 6:20	1.3	41	12	1.9	0.0
24/01/2024 6:30	0.8	65	12	1.6	0.0
24/01/2024 6:40	0.9	70	13	1.6	0.0
24/01/2024 6:50	1.0	92	13	1.6	0.0
24/01/2024 7:00	1.3	64	15	1.9	0.0
24/01/2024 7:10	1.4	43	14	2.0	0.0
24/01/2024 7:20	1.5	71	14	2.1	0.0
24/01/2024 7:30	1.8	78	16	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 7:40	2.0	83	19	2.7	0.0
24/01/2024 7:50	2.1	68	13	3.0	0.0
24/01/2024 8:00	2.5	80	13	3.3	0.0
24/01/2024 8:10	2.4	83	18	3.5	0.0
24/01/2024 8:20	2.5	63	16	3.7	0.0
24/01/2024 8:30	2.7	73	14	3.8	0.0
24/01/2024 8:40	2.4	77	19	3.3	0.0
24/01/2024 8:50	2.5	65	17	3.6	0.0
24/01/2024 9:00	2.7	73	15	4.1	0.0
24/01/2024 9:10	2.7	70	16	3.9	0.0
24/01/2024 9:20	2.9	61	18	3.9	0.0
24/01/2024 9:30	2.9	55	10	3.6	0.0
24/01/2024 9:40	2.9	55	12	3.8	0.0
24/01/2024 9:50	2.7	60	11	3.6	0.0
24/01/2024 10:00	2.5	55	13	3.4	0.0
24/01/2024 10:10	2.5	57	18	3.7	0.0
24/01/2024 10:20	2.6	56	16	3.5	0.0
24/01/2024 10:30	2.9	56	13	3.9	0.0
24/01/2024 10:40	3.2	52	14	4.2	0.0
24/01/2024 10:50	3.2	49	17	4.5	0.0
24/01/2024 11:00	3.4	50	16	4.6	0.0
24/01/2024 11:10	3.4	55	16	4.4	0.0
24/01/2024 11:20	3.5	52	16	4.9	0.0
24/01/2024 11:30	3.7	51	13	4.7	0.0
24/01/2024 11:40	3.8	53	15	5.1	0.0
24/01/2024 11:50	3.9	50	15	5.1	0.0
24/01/2024 12:00	3.8	55	15	5.4	0.0
24/01/2024 12:10	4.2	59	14	5.3	0.0
24/01/2024 12:20	3.9	47	15	5.2	0.0
24/01/2024 12:30	3.9	54	16	5.3	0.0
24/01/2024 12:40	3.8	49	15	5.5	0.0
24/01/2024 12:50	4.0	55	16	5.5	0.0
24/01/2024 13:00	4.1	52	14	5.8	0.0
24/01/2024 13:10	4.4	52	15	5.7	0.0
24/01/2024 13:20	4.3	47	13	5.6	0.0
24/01/2024 13:30	4.3	46	14	6.0	0.0
24/01/2024 13:40	4.4	38	17	6.0	0.0
24/01/2024 13:50	4.9	39	15	6.8	0.0
24/01/2024 14:00	4.6	46	12	6.1	0.0
24/01/2024 14:10	4.7	42	15	6.4	0.0
24/01/2024 14:20	4.7	41	13	6.4	0.0
24/01/2024 14:30	4.3	49	14	5.9	0.0
24/01/2024 14:40	4.3	51	13	5.6	0.0
24/01/2024 14:50	4.2	48	15	6.6	0.0
24/01/2024 15:00	5.0	44	13	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 15:10	5.2	44	12	6.9	0.0
24/01/2024 15:20	4.8	45	14	6.6	0.0
24/01/2024 15:30	4.8	30	15	6.6	0.0
24/01/2024 15:40	4.8	27	15	6.8	0.0
24/01/2024 15:50	5.2	359	15	7.5	0.0
24/01/2024 16:00	5.5	347	14	7.8	0.0
24/01/2024 16:10	6.2	345	16	8.1	0.0
24/01/2024 16:20	5.8	350	16	7.9	0.0
24/01/2024 16:30	5.7	176	14	7.9	0.0
24/01/2024 16:40	5.9	346	15	8.2	0.0
24/01/2024 16:50	5.9	344	15	7.7	0.0
24/01/2024 17:00	5.3	335	11	7.2	0.0
24/01/2024 17:10	5.5	340	17	7.4	0.0
24/01/2024 17:20	5.0	340	17	7.3	0.0
24/01/2024 17:30	5.2	337	11	7.5	0.0
24/01/2024 17:40	5.7	341	11	7.7	0.0
24/01/2024 17:50	4.6	348	14	6.9	0.0
24/01/2024 18:00	3.8	335	16	5.4	0.0
24/01/2024 18:10	3.6	325	19	5.7	0.0
24/01/2024 18:20	3.9	308	18	6.4	0.0
24/01/2024 18:30	3.9	308	20	6.0	0.0
24/01/2024 18:40	3.5	302	22	5.7	0.0
24/01/2024 18:50	3.6	300	24	5.9	0.0
24/01/2024 19:00	4.0	321	16	6.4	0.0
24/01/2024 19:10	5.0	322	14	7.0	0.0
24/01/2024 19:20	4.5	322	14	6.9	0.0
24/01/2024 19:30	3.9	312	19	6.1	0.0
24/01/2024 19:40	3.9	310	19	6.5	0.0
24/01/2024 19:50	3.5	295	22	5.6	0.0
24/01/2024 20:00	3.6	305	17	5.5	0.0
24/01/2024 20:10	3.6	306	19	5.9	0.0
24/01/2024 20:20	4.2	303	16	6.0	0.0
24/01/2024 20:30	4.7	300	19	7.5	0.0
24/01/2024 20:40	4.4	299	22	7.2	0.0
24/01/2024 20:50	3.7	283	24	5.7	0.0
24/01/2024 21:00	3.3	289	25	5.5	0.0
24/01/2024 21:10	3.0	278	26	5.2	0.0
24/01/2024 21:20	2.8	223	23	5.1	0.0
24/01/2024 21:30	2.2	250	33	4.2	0.0
24/01/2024 21:40	2.4	276	24	3.6	0.0
24/01/2024 21:50	2.5	283	24	3.6	0.0
24/01/2024 22:00	2.7	290	26	4.5	0.0
24/01/2024 22:10	2.4	282	27	3.7	0.0
24/01/2024 22:20	2.0	284	25	3.8	0.0
24/01/2024 22:30	2.1	300	27	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/01/2024 22:40	2.2	299	24	3.7	0.0
24/01/2024 22:50	3.0	307	15	4.2	0.0
24/01/2024 23:00	3.3	312	17	5.2	0.0
24/01/2024 23:10	3.6	325	12	5.1	0.0
24/01/2024 23:20	4.0	325	12	5.4	0.0
24/01/2024 23:30	3.6	323	16	5.0	0.0
24/01/2024 23:40	4.1	321	16	6.0	0.0
24/01/2024 23:50	3.1	313	19	5.0	0.0
25/01/2024 0:00	2.8	308	20	4.4	0.0
25/01/2024 0:10	2.4	316	22	4.2	0.0
25/01/2024 0:20	2.9	322	13	4.4	0.0
25/01/2024 0:30	3.0	319	19	4.3	0.0
25/01/2024 0:40	2.8	311	19	5.2	0.0
25/01/2024 0:50	2.7	303	20	4.1	0.0
25/01/2024 1:00	2.8	289	21	4.3	0.0
25/01/2024 1:10	2.3	283	25	3.3	0.0
25/01/2024 1:20	2.3	291	25	3.6	0.0
25/01/2024 1:30	2.1	300	23	3.6	0.0
25/01/2024 1:40	2.3	281	21	4.0	0.0
25/01/2024 1:50	2.4	294	22	3.5	0.0
25/01/2024 2:00	2.1	295	25	3.1	0.0
25/01/2024 2:10	2.1	297	23	3.4	0.0
25/01/2024 2:20	1.9	288	25	2.9	0.0
25/01/2024 2:30	2.1	293	23	3.3	0.0
25/01/2024 2:40	2.2	278	21	3.6	0.0
25/01/2024 2:50	2.1	279	23	3.1	0.0
25/01/2024 3:00	1.6	282	25	2.7	0.0
25/01/2024 3:10	2.4	282	15	3.7	0.0
25/01/2024 3:20	2.0	283	23	3.4	0.0
25/01/2024 3:30	1.8	280	24	2.9	0.0
25/01/2024 3:40	1.7	290	24	2.7	0.0
25/01/2024 3:50	1.6	283	31	2.9	0.0
25/01/2024 4:00	1.5	276	25	2.8	0.0
25/01/2024 4:10	1.5	288	22	2.2	0.0
25/01/2024 4:20	1.7	269	21	2.7	0.0
25/01/2024 4:30	1.4	291	19	2.3	0.0
25/01/2024 4:40	1.6	296	22	2.4	0.0
25/01/2024 4:50	2.0	287	20	3.0	0.0
25/01/2024 5:00	1.3	286	30	2.4	0.0
25/01/2024 5:10	1.8	303	18	2.8	0.0
25/01/2024 5:20	1.5	301	23	2.6	0.0
25/01/2024 5:30	1.8	306	17	2.8	0.0
25/01/2024 5:40	2.0	306	18	3.1	0.0
25/01/2024 5:50	2.4	305	15	3.2	0.0
25/01/2024 6:00	1.7	300	24	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 6:10	1.4	291	21	2.4	0.0
25/01/2024 6:20	1.3	305	17	2.2	0.0
25/01/2024 6:30	1.2	295	30	2.3	0.0
25/01/2024 6:40	1.7	282	27	2.7	0.0
25/01/2024 6:50	1.3	297	28	2.2	0.0
25/01/2024 7:00	2.0	305	18	3.2	0.0
25/01/2024 7:10	1.8	309	22	3.3	0.0
25/01/2024 7:20	1.8	294	25	2.8	0.0
25/01/2024 7:30	1.8	280	24	3.0	0.0
25/01/2024 7:40	1.8	272	33	2.6	0.0
25/01/2024 7:50	2.0	285	47	3.2	0.0
25/01/2024 8:00	2.2	298	26	3.7	0.0
25/01/2024 8:10	2.0	288	30	3.7	0.0
25/01/2024 8:20	2.1	294	41	4.3	0.0
25/01/2024 8:30	2.2	277	29	4.2	0.0
25/01/2024 8:40	2.6	297	24	4.1	0.0
25/01/2024 8:50	2.2	275	24	3.6	0.0
25/01/2024 9:00	2.6	269	27	4.4	0.0
25/01/2024 9:10	2.5	268	24	4.0	0.0
25/01/2024 9:20	2.4	280	35	4.2	0.0
25/01/2024 9:30	2.6	282	23	4.0	0.0
25/01/2024 9:40	2.8	266	25	4.1	0.0
25/01/2024 9:50	3.0	277	23	4.0	0.0
25/01/2024 10:00	3.0	261	20	4.3	0.0
25/01/2024 10:10	2.6	272	23	4.3	0.0
25/01/2024 10:20	2.5	270	24	4.1	0.0
25/01/2024 10:30	2.6	282	32	4.2	0.0
25/01/2024 10:40	2.7	277	32	4.4	0.0
25/01/2024 10:50	2.6	261	24	3.7	0.0
25/01/2024 11:00	2.8	277	32	4.7	0.0
25/01/2024 11:10	3.3	302	21	5.2	0.0
25/01/2024 11:20	3.1	302	35	4.9	0.0
25/01/2024 11:30	3.1	279	25	4.6	0.0
25/01/2024 11:40	3.0	282	28	5.2	0.0
25/01/2024 11:50	3.2	294	31	5.0	0.0
25/01/2024 12:00	3.5	274	21	5.3	0.0
25/01/2024 12:10	4.0	286	21	6.4	0.0
25/01/2024 12:20	3.8	295	31	6.2	0.0
25/01/2024 12:30	3.6	276	30	5.3	0.0
25/01/2024 12:40	3.8	282	26	6.4	0.0
25/01/2024 12:50	4.2	309	23	6.4	0.0
25/01/2024 13:00	5.2	326	14	7.2	0.0
25/01/2024 13:10	4.3	292	22	6.4	0.0
25/01/2024 13:20	4.5	302	17	7.1	0.0
25/01/2024 13:30	4.6	302	19	6.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 13:40	4.3	309	20	7.2	0.0
25/01/2024 13:50	4.5	309	21	6.8	0.0
25/01/2024 14:00	4.6	304	20	7.4	0.0
25/01/2024 14:10	5.5	301	16	8.1	0.0
25/01/2024 14:20	5.9	301	16	8.7	0.0
25/01/2024 14:30	5.1	300	19	8.0	0.0
25/01/2024 14:40	4.7	289	26	7.5	0.0
25/01/2024 14:50	4.8	290	23	7.7	0.0
25/01/2024 15:00	5.3	308	19	8.3	0.0
25/01/2024 15:10	6.1	304	15	8.8	0.0
25/01/2024 15:20	5.9	301	18	8.5	0.0
25/01/2024 15:30	5.5	300	19	8.3	0.0
25/01/2024 15:40	5.8	300	18	8.8	0.0
25/01/2024 15:50	5.6	294	19	8.7	0.0
25/01/2024 16:00	6.1	299	16	9.5	0.0
25/01/2024 16:10	6.5	299	16	8.7	0.0
25/01/2024 16:20	5.3	292	23	8.3	0.0
25/01/2024 16:30	5.7	301	18	8.3	0.0
25/01/2024 16:40	6.0	296	19	9.1	0.0
25/01/2024 16:50	5.4	295	23	8.7	0.0
25/01/2024 17:00	5.5	298	19	8.7	0.0
25/01/2024 17:10	6.1	300	20	8.9	0.0
25/01/2024 17:20	5.2	291	23	8.0	0.0
25/01/2024 17:30	6.3	296	20	9.0	0.0
25/01/2024 17:40	5.4	295	21	8.2	0.0
25/01/2024 17:50	5.2	287	22	7.9	0.0
25/01/2024 18:00	6.1	279	19	9.0	0.0
25/01/2024 18:10	5.4	276	20	8.7	0.0
25/01/2024 18:20	5.5	274	18	8.9	0.0
25/01/2024 18:30	5.0	274	22	7.6	0.0
25/01/2024 18:40	4.9	273	21	7.9	0.0
25/01/2024 18:50	5.1	266	22	8.6	0.0
25/01/2024 19:00	5.2	267	24	7.8	0.0
25/01/2024 19:10	4.9	264	26	8.3	0.0
25/01/2024 19:20	5.1	265	23	8.0	0.0
25/01/2024 19:30	5.3	269	22	7.9	0.0
25/01/2024 19:40	4.7	264	27	7.6	0.0
25/01/2024 19:50	4.2	260	38	7.2	0.0
25/01/2024 20:00	4.6	265	27	7.5	0.0
25/01/2024 20:10	4.8	265	27	7.7	0.0
25/01/2024 20:20	4.7	266	28	7.9	0.0
25/01/2024 20:30	4.7	271	25	7.6	0.0
25/01/2024 20:40	3.8	274	40	6.5	0.0
25/01/2024 20:50	3.7	250	48	6.7	0.0
25/01/2024 21:00	3.4	264	46	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/01/2024 21:10	3.9	271	36	6.6	0.0
25/01/2024 21:20	3.2	252	45	7.1	0.0
25/01/2024 21:30	2.8	246	51	6.2	0.0
25/01/2024 21:40	3.2	265	39	5.8	0.0
25/01/2024 21:50	3.0	255	45	5.9	0.0
25/01/2024 22:00	3.4	269	37	6.8	0.0
25/01/2024 22:10	3.8	264	31	6.7	0.0
25/01/2024 22:20	4.2	264	37	7.8	0.0
25/01/2024 22:30	3.0	254	46	7.9	0.0
25/01/2024 22:40	3.9	265	36	6.4	0.0
25/01/2024 22:50	4.0	272	28	6.7	0.0
25/01/2024 23:00	3.4	264	36	6.0	0.0
25/01/2024 23:10	4.1	279	26	6.6	0.0
25/01/2024 23:20	3.8	272	30	6.9	0.0
25/01/2024 23:30	2.6	251	62	5.5	0.0
25/01/2024 23:40	3.9	273	28	6.0	0.0
25/01/2024 23:50	3.6	269	36	6.2	0.0
26/01/2024 0:00	2.5	254	59	5.1	0.0
26/01/2024 0:10	2.4	242	47	4.5	0.0
26/01/2024 0:20	2.1	251	50	5.2	0.0
26/01/2024 0:30	3.2	254	33	5.8	0.0
26/01/2024 0:40	3.0	263	41	5.2	0.0
26/01/2024 0:50	3.3	269	31	5.5	0.0
26/01/2024 1:00	2.7	252	51	4.6	0.0
26/01/2024 1:10	3.1	266	43	5.8	0.0
26/01/2024 1:20	2.9	268	39	5.6	0.0
26/01/2024 1:30	2.5	235	63	4.7	0.0
26/01/2024 1:40	2.4	265	58	5.1	0.0
26/01/2024 1:50	3.3	270	33	6.5	0.0
26/01/2024 2:00	3.9	272	23	6.5	0.0
26/01/2024 2:10	2.6	250	51	5.4	0.0
26/01/2024 2:20	2.5	244	56	5.2	0.0
26/01/2024 2:30	2.5	255	66	5.3	0.0
26/01/2024 2:40	2.2	250	71	5.4	0.0
26/01/2024 2:50	2.3	253	53	4.5	0.0
26/01/2024 3:00	2.5	257	57	5.0	0.0
26/01/2024 3:10	2.8	245	51	4.7	0.0
26/01/2024 3:20	2.9	241	53	6.2	0.0
26/01/2024 3:30	2.7	239	48	5.4	0.0
26/01/2024 3:40	2.0	218	59	4.8	0.0
26/01/2024 3:50	2.1	202	46	5.0	0.0
26/01/2024 4:00	1.7	232	67	3.2	0.0
26/01/2024 4:10	2.9	200	32	4.8	0.0
26/01/2024 4:20	2.6	202	25	4.1	0.0
26/01/2024 4:30	2.2	259	27	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 4:40	1.6	252	66	3.4	0.0
26/01/2024 4:50	1.8	255	46	3.4	0.0
26/01/2024 5:00	2.3	261	34	3.8	0.0
26/01/2024 5:10	2.1	243	51	4.6	0.0
26/01/2024 5:20	2.0	266	43	3.6	0.0
26/01/2024 5:30	2.1	236	34	3.2	0.0
26/01/2024 5:40	1.9	234	37	3.0	0.0
26/01/2024 5:50	2.1	210	38	3.6	0.0
26/01/2024 6:00	1.9	202	40	3.3	0.0
26/01/2024 6:10	1.6	224	63	3.1	0.0
26/01/2024 6:20	2.1	219	36	3.6	0.0
26/01/2024 6:30	2.3	213	38	4.2	0.0
26/01/2024 6:40	2.2	217	38	4.6	0.0
26/01/2024 6:50	2.7	220	46	4.7	0.0
26/01/2024 7:00	2.7	218	42	5.1	0.0
26/01/2024 7:10	2.9	211	38	5.2	0.0
26/01/2024 7:20	2.4	209	33	4.9	0.0
26/01/2024 7:30	2.1	213	54	4.0	0.0
26/01/2024 7:40	2.5	223	32	4.8	0.0
26/01/2024 7:50	2.5	213	49	4.9	0.0
26/01/2024 8:00	2.2	251	57	4.3	0.0
26/01/2024 8:10	2.5	209	35	4.0	0.0
26/01/2024 8:20	3.0	228	30	5.0	0.0
26/01/2024 8:30	3.1	203	28	5.0	0.0
26/01/2024 8:40	2.4	236	44	3.8	0.0
26/01/2024 8:50	3.0	237	36	4.7	0.0
26/01/2024 9:00	2.7	249	36	4.7	0.0
26/01/2024 9:10	3.2	267	25	5.0	0.0
26/01/2024 9:20	3.3	263	29	5.0	0.0
26/01/2024 9:30	3.2	255	40	5.4	0.0
26/01/2024 9:40	3.6	267	25	5.7	0.0
26/01/2024 9:50	3.7	269	31	6.2	0.0
26/01/2024 10:00	3.6	269	24	6.1	0.0
26/01/2024 10:10	4.1	283	27	6.9	0.0
26/01/2024 10:20	4.3	281	23	6.7	0.0
26/01/2024 10:30	4.6	275	22	7.0	0.0
26/01/2024 10:40	4.8	283	20	7.1	0.0
26/01/2024 10:50	4.3	276	24	6.4	0.0
26/01/2024 11:00	4.3	273	25	7.0	0.0
26/01/2024 11:10	4.6	276	20	6.7	0.0
26/01/2024 11:20	4.8	280	19	7.9	0.0
26/01/2024 11:30	4.9	273	23	7.0	0.0
26/01/2024 11:40	4.7	283	21	6.4	0.0
26/01/2024 11:50	4.9	277	23	7.6	0.0
26/01/2024 12:00	4.0	273	19	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 12:10	4.3	270	23	6.6	0.0
26/01/2024 12:20	4.5	272	23	7.2	0.0
26/01/2024 12:30	3.9	266	27	6.4	0.0
26/01/2024 12:40	4.2	269	25	6.4	0.0
26/01/2024 12:50	4.3	268	21	7.2	0.0
26/01/2024 13:00	4.2	275	22	6.6	0.0
26/01/2024 13:10	4.7	280	20	7.2	0.0
26/01/2024 13:20	4.7	267	20	7.0	0.0
26/01/2024 13:30	4.8	271	19	7.0	0.0
26/01/2024 13:40	5.0	268	21	7.7	0.0
26/01/2024 13:50	5.0	271	25	7.9	0.0
26/01/2024 14:00	5.4	266	22	7.9	0.0
26/01/2024 14:10	5.2	261	23	8.3	0.0
26/01/2024 14:20	5.4	266	24	7.9	0.0
26/01/2024 14:30	4.9	272	19	8.3	0.0
26/01/2024 14:40	5.6	293	22	8.3	0.0
26/01/2024 14:50	6.3	300	19	9.4	0.0
26/01/2024 15:00	5.9	293	22	8.9	0.0
26/01/2024 15:10	5.9	297	19	9.4	0.0
26/01/2024 15:20	5.2	288	22	7.6	0.0
26/01/2024 15:30	5.8	291	20	9.4	0.0
26/01/2024 15:40	5.4	290	24	9.9	0.0
26/01/2024 15:50	6.4	295	19	9.5	0.0
26/01/2024 16:00	6.5	293	20	10.3	0.0
26/01/2024 16:10	5.9	293	22	9.0	0.0
26/01/2024 16:20	5.7	290	23	9.7	0.0
26/01/2024 16:30	5.7	283	24	9.1	0.0
26/01/2024 16:40	5.1	280	22	7.5	0.0
26/01/2024 16:50	5.2	286	20	8.1	0.0
26/01/2024 17:00	5.1	278	24	8.4	0.0
26/01/2024 17:10	5.3	271	20	8.5	0.0
26/01/2024 17:20	5.6	276	20	8.5	0.0
26/01/2024 17:30	5.1	282	23	7.7	0.0
26/01/2024 17:40	5.4	268	22	8.2	0.0
26/01/2024 17:50	5.1	274	24	7.5	0.0
26/01/2024 18:00	5.1	270	23	8.0	0.0
26/01/2024 18:10	5.1	271	24	8.0	0.0
26/01/2024 18:20	5.0	266	26	7.8	0.0
26/01/2024 18:30	5.1	268	29	8.6	0.0
26/01/2024 18:40	5.2	274	22	8.0	0.0
26/01/2024 18:50	5.4	273	21	8.0	0.0
26/01/2024 19:00	5.4	276	22	8.5	0.0
26/01/2024 19:10	4.9	272	23	7.4	0.0
26/01/2024 19:20	5.2	267	19	8.7	0.0
26/01/2024 19:30	5.5	268	18	8.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/01/2024 19:40	5.0	278	20	7.0	0.0
26/01/2024 19:50	4.9	272	22	7.6	0.0
26/01/2024 20:00	4.8	274	23	7.5	0.0
26/01/2024 20:10	4.6	273	25	7.2	0.0
26/01/2024 20:20	4.5	275	24	7.5	0.0
26/01/2024 20:30	4.4	270	26	7.4	0.0
26/01/2024 20:40	4.4	266	25	7.0	0.0
26/01/2024 20:50	4.0	268	26	7.2	0.0
26/01/2024 21:00	4.3	268	25	6.7	0.0
26/01/2024 21:10	4.2	266	33	7.6	0.0
26/01/2024 21:20	3.6	268	44	6.8	0.0
26/01/2024 21:30	3.9	275	40	7.6	0.0
26/01/2024 21:40	2.8	257	57	5.2	0.0
26/01/2024 21:50	3.3	264	44	6.6	0.0
26/01/2024 22:00	3.2	259	38	6.6	0.0
26/01/2024 22:10	3.3	275	43	6.5	0.0
26/01/2024 22:20	3.2	265	45	6.9	0.0
26/01/2024 22:30	2.0	230	60	4.3	0.0
26/01/2024 22:40	3.0	260	44	6.1	0.0
26/01/2024 22:50	2.8	258	51	6.0	0.0
26/01/2024 23:00	2.5	275	48	4.7	0.0
26/01/2024 23:10	2.6	255	63	5.6	0.0
26/01/2024 23:20	2.8	265	56	5.5	0.0
26/01/2024 23:30	2.9	262	51	7.2	0.0
26/01/2024 23:40	3.0	260	39	5.3	0.0
26/01/2024 23:50	2.9	235	58	5.5	0.0
27/01/2024 0:00	3.7	265	36	6.3	0.0
27/01/2024 0:10	3.9	252	37	6.4	0.0
27/01/2024 0:20	4.0	273	24	6.8	0.0
27/01/2024 0:30	3.4	265	29	6.6	0.0
27/01/2024 0:40	3.2	270	34	5.5	0.0
27/01/2024 0:50	3.1	260	40	6.0	0.0
27/01/2024 1:00	3.4	264	36	5.7	0.0
27/01/2024 1:10	3.4	262	31	6.4	0.0
27/01/2024 1:20	2.9	255	49	5.5	0.0
27/01/2024 1:30	3.7	269	26	7.3	0.0
27/01/2024 1:40	3.1	270	35	6.1	0.0
27/01/2024 1:50	3.1	269	33	5.7	0.0
27/01/2024 2:00	3.5	268	28	5.5	0.0
27/01/2024 2:10	3.5	269	24	5.4	0.0
27/01/2024 2:20	2.8	270	27	4.8	0.0
27/01/2024 2:30	2.9	278	22	4.4	0.0
27/01/2024 2:40	3.2	291	22	5.1	0.0
27/01/2024 2:50	2.9	286	26	4.4	0.0
27/01/2024 3:00	3.1	274	23	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 3:10	3.0	289	19	5.2	0.0
27/01/2024 3:20	2.9	284	24	4.8	0.0
27/01/2024 3:30	3.0	283	27	4.7	0.0
27/01/2024 3:40	3.1	285	23	5.1	0.0
27/01/2024 3:50	3.1	283	25	5.4	0.0
27/01/2024 4:00	3.2	278	22	5.7	0.0
27/01/2024 4:10	2.8	271	25	5.1	0.0
27/01/2024 4:20	3.2	265	27	5.7	0.0
27/01/2024 4:30	2.8	267	28	4.6	0.0
27/01/2024 4:40	3.1	276	23	5.8	0.0
27/01/2024 4:50	3.1	275	27	5.4	0.0
27/01/2024 5:00	3.5	275	22	5.6	0.0
27/01/2024 5:10	2.9	272	28	5.0	0.0
27/01/2024 5:20	3.5	274	24	5.6	0.0
27/01/2024 5:30	3.2	276	22	5.2	0.0
27/01/2024 5:40	3.1	285	25	5.8	0.0
27/01/2024 5:50	3.6	280	25	5.4	0.0
27/01/2024 6:00	3.4	281	19	5.2	0.0
27/01/2024 6:10	3.2	287	20	5.6	0.0
27/01/2024 6:20	3.2	277	25	5.6	0.0
27/01/2024 6:30	3.0	266	29	5.7	0.0
27/01/2024 6:40	3.6	289	23	5.5	0.0
27/01/2024 6:50	3.4	286	23	5.3	0.0
27/01/2024 7:00	3.6	283	19	5.3	0.0
27/01/2024 7:10	3.4	285	26	5.2	0.0
27/01/2024 7:20	3.7	285	24	5.9	0.0
27/01/2024 7:30	3.4	278	24	6.0	0.0
27/01/2024 7:40	3.2	282	24	5.6	0.0
27/01/2024 7:50	3.3	273	25	5.5	0.0
27/01/2024 8:00	3.0	279	24	5.6	0.0
27/01/2024 8:10	2.8	277	31	4.7	0.0
27/01/2024 8:20	3.2	282	21	4.8	0.0
27/01/2024 8:30	3.4	292	20	5.6	0.0
27/01/2024 8:40	3.1	270	23	5.1	0.0
27/01/2024 8:50	2.8	282	26	4.6	0.0
27/01/2024 9:00	3.7	286	20	5.6	0.0
27/01/2024 9:10	3.0	284	24	5.1	0.0
27/01/2024 9:20	3.9	284	21	6.4	0.0
27/01/2024 9:30	3.9	284	22	6.0	0.0
27/01/2024 9:40	3.3	282	26	5.4	0.0
27/01/2024 9:50	3.4	289	23	6.0	0.0
27/01/2024 10:00	4.1	299	25	6.0	0.0
27/01/2024 10:10	3.8	294	23	6.4	0.0
27/01/2024 10:20	4.2	292	23	6.6	0.0
27/01/2024 10:30	3.9	288	20	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 10:40	3.9	282	23	5.9	0.0
27/01/2024 10:50	4.1	301	22	6.1	0.0
27/01/2024 11:00	3.5	290	26	5.6	0.0
27/01/2024 11:10	3.7	289	23	6.2	0.0
27/01/2024 11:20	4.3	301	23	6.8	0.0
27/01/2024 11:30	4.0	294	24	6.2	0.0
27/01/2024 11:40	4.3	302	22	7.6	0.0
27/01/2024 11:50	4.7	315	23	7.5	0.0
27/01/2024 12:00	4.9	299	25	7.8	0.0
27/01/2024 12:10	5.9	300	17	8.6	0.0
27/01/2024 12:20	5.6	295	20	8.0	0.0
27/01/2024 12:30	4.9	292	20	7.5	0.0
27/01/2024 12:40	4.9	301	25	7.9	0.0
27/01/2024 12:50	5.1	299	24	7.9	0.0
27/01/2024 13:00	4.5	292	21	7.2	0.0
27/01/2024 13:10	4.7	292	26	7.7	0.0
27/01/2024 13:20	5.7	299	20	9.5	0.0
27/01/2024 13:30	5.2	288	24	7.7	0.0
27/01/2024 13:40	5.2	305	24	8.4	0.0
27/01/2024 13:50	4.9	292	26	7.5	0.0
27/01/2024 14:00	4.9	295	24	8.4	0.0
27/01/2024 14:10	5.9	308	20	8.7	0.0
27/01/2024 14:20	5.2	299	22	8.5	0.0
27/01/2024 14:30	5.6	303	19	8.7	0.0
27/01/2024 14:40	5.5	303	19	8.3	0.0
27/01/2024 14:50	5.4	304	25	8.7	0.0
27/01/2024 15:00	5.4	305	24	9.0	0.0
27/01/2024 15:10	5.0	289	28	8.7	0.0
27/01/2024 15:20	4.8	290	25	8.0	0.0
27/01/2024 15:30	4.9	308	25	8.0	0.0
27/01/2024 15:40	4.9	294	20	7.8	0.0
27/01/2024 15:50	5.1	293	20	7.9	0.0
27/01/2024 16:00	5.3	309	25	7.9	0.0
27/01/2024 16:10	4.8	292	22	7.3	0.0
27/01/2024 16:20	5.0	308	20	7.5	0.0
27/01/2024 16:30	5.0	295	25	8.7	0.0
27/01/2024 16:40	5.2	290	20	7.7	0.0
27/01/2024 16:50	4.6	298	20	7.1	0.0
27/01/2024 17:00	4.7	290	21	7.2	0.0
27/01/2024 17:10	4.8	297	22	7.9	0.0
27/01/2024 17:20	4.4	292	26	7.5	0.0
27/01/2024 17:30	4.3	290	24	7.7	0.0
27/01/2024 17:40	4.7	290	21	7.2	0.0
27/01/2024 17:50	4.7	301	20	7.6	0.0
27/01/2024 18:00	4.4	296	19	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/01/2024 18:10	4.8	297	22	6.8	0.0
27/01/2024 18:20	5.2	297	23	8.7	0.0
27/01/2024 18:30	4.0	293	27	6.9	0.0
27/01/2024 18:40	3.4	283	25	6.4	0.0
27/01/2024 18:50	3.9	280	22	6.8	0.0
27/01/2024 19:00	3.5	286	25	5.6	0.0
27/01/2024 19:10	3.3	284	25	5.1	0.0
27/01/2024 19:20	3.2	282	25	6.3	0.0
27/01/2024 19:30	3.7	284	25	6.6	0.0
27/01/2024 19:40	3.7	264	29	6.0	0.0
27/01/2024 19:50	3.5	265	23	6.0	0.0
27/01/2024 20:00	3.5	273	23	5.6	0.0
27/01/2024 20:10	2.8	269	29	5.2	0.0
27/01/2024 20:20	3.2	268	27	5.1	0.0
27/01/2024 20:30	3.0	272	27	5.2	0.0
27/01/2024 20:40	3.4	263	25	5.1	0.0
27/01/2024 20:50	2.8	270	26	5.2	0.0
27/01/2024 21:00	2.8	281	29	4.7	0.0
27/01/2024 21:10	2.7	281	29	4.7	0.0
27/01/2024 21:20	3.1	279	21	4.5	0.0
27/01/2024 21:30	2.9	280	29	4.5	0.0
27/01/2024 21:40	2.6	279	26	5.3	0.0
27/01/2024 21:50	3.1	273	23	4.9	0.0
27/01/2024 22:00	3.2	290	24	4.8	0.0
27/01/2024 22:10	3.3	289	20	5.2	0.0
27/01/2024 22:20	3.1	279	27	4.8	0.0
27/01/2024 22:30	3.2	275	27	5.5	0.0
27/01/2024 22:40	3.1	274	29	4.8	0.0
27/01/2024 22:50	2.9	276	26	4.5	0.0
27/01/2024 23:00	3.5	293	23	6.1	0.0
27/01/2024 23:10	3.5	281	23	5.4	0.0
27/01/2024 23:20	3.4	283	21	5.3	0.0
27/01/2024 23:30	3.0	271	27	5.3	0.0
27/01/2024 23:40	3.3	278	25	5.5	0.0
27/01/2024 23:50	3.3	275	21	5.5	0.0
28/01/2024 0:00	3.5	273	28	5.9	0.0
28/01/2024 0:10	3.2	272	24	5.5	0.0
28/01/2024 0:20	3.0	270	25	5.7	0.0
28/01/2024 0:30	3.4	267	26	6.6	0.0
28/01/2024 0:40	2.9	272	28	4.7	0.0
28/01/2024 0:50	3.1	273	24	5.8	0.0
28/01/2024 1:00	3.4	275	29	5.9	0.0
28/01/2024 1:10	3.7	273	25	5.9	0.0
28/01/2024 1:20	3.1	276	30	5.4	0.0
28/01/2024 1:30	3.4	270	25	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 1:40	2.6	271	33	4.8	0.0
28/01/2024 1:50	3.6	263	33	6.4	0.0
28/01/2024 2:00	3.1	268	34	6.8	0.0
28/01/2024 2:10	3.8	263	27	5.8	0.0
28/01/2024 2:20	3.2	271	28	5.6	0.0
28/01/2024 2:30	3.4	264	30	5.8	0.0
28/01/2024 2:40	3.2	269	44	6.0	0.0
28/01/2024 2:50	3.4	270	28	5.7	0.0
28/01/2024 3:00	3.2	264	30	5.3	0.0
28/01/2024 3:10	3.2	270	29	6.2	0.0
28/01/2024 3:20	3.2	266	32	5.6	0.0
28/01/2024 3:30	2.7	264	52	4.8	0.0
28/01/2024 3:40	2.9	258	40	5.7	0.0
28/01/2024 3:50	3.0	260	34	4.8	0.0
28/01/2024 4:00	2.7	264	37	5.4	0.0
28/01/2024 4:10	2.2	268	51	4.4	0.0
28/01/2024 4:20	3.0	267	36	5.8	0.0
28/01/2024 4:30	2.4	274	48	4.4	0.0
28/01/2024 4:40	2.9	266	28	4.8	0.0
28/01/2024 4:50	2.6	264	26	4.3	0.0
28/01/2024 5:00	2.5	261	51	4.8	0.0
28/01/2024 5:10	3.3	261	23	5.4	0.0
28/01/2024 5:20	3.2	277	26	5.5	0.0
28/01/2024 5:30	2.6	270	35	5.6	0.0
28/01/2024 5:40	2.6	274	25	4.7	0.0
28/01/2024 5:50	2.7	269	28	4.4	0.0
28/01/2024 6:00	3.2	270	27	5.1	0.0
28/01/2024 6:10	3.0	278	24	5.4	0.0
28/01/2024 6:20	2.8	260	35	4.7	0.0
28/01/2024 6:30	2.6	265	36	4.6	0.0
28/01/2024 6:40	2.5	275	27	4.4	0.0
28/01/2024 6:50	2.7	290	24	5.0	0.0
28/01/2024 7:00	2.8	290	23	5.2	0.0
28/01/2024 7:10	2.9	276	25	4.4	0.0
28/01/2024 7:20	2.7	270	26	4.4	0.0
28/01/2024 7:30	2.7	279	26	4.5	0.0
28/01/2024 7:40	2.6	270	25	4.0	0.0
28/01/2024 7:50	2.7	277	25	4.4	0.0
28/01/2024 8:00	2.8	276	30	4.6	0.0
28/01/2024 8:10	3.4	287	19	5.6	0.0
28/01/2024 8:20	3.2	283	23	5.1	0.0
28/01/2024 8:30	2.9	269	23	4.6	0.0
28/01/2024 8:40	3.1	277	27	4.9	0.0
28/01/2024 8:50	3.4	275	23	5.2	0.0
28/01/2024 9:00	3.1	276	24	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 9:10	3.2	265	33	4.7	0.0
28/01/2024 9:20	3.2	269	23	5.2	0.0
28/01/2024 9:30	3.0	272	27	4.8	0.0
28/01/2024 9:40	3.2	271	24	5.6	0.0
28/01/2024 9:50	3.4	274	26	5.8	0.0
28/01/2024 10:00	2.9	252	35	4.8	0.0
28/01/2024 10:10	3.0	261	34	6.1	0.0
28/01/2024 10:20	3.1	269	31	4.9	0.0
28/01/2024 10:30	2.9	260	32	5.1	0.0
28/01/2024 10:40	3.5	271	22	5.6	0.0
28/01/2024 10:50	3.9	285	21	6.4	0.0
28/01/2024 11:00	4.2	273	19	6.3	0.0
28/01/2024 11:10	3.8	273	27	6.4	0.0
28/01/2024 11:20	4.0	276	23	6.7	0.0
28/01/2024 11:30	3.8	271	24	6.0	0.0
28/01/2024 11:40	4.4	270	19	7.2	0.0
28/01/2024 11:50	4.2	277	22	6.5	0.0
28/01/2024 12:00	4.1	279	22	6.8	0.0
28/01/2024 12:10	4.0	274	26	6.5	0.0
28/01/2024 12:20	3.9	285	25	7.1	0.0
28/01/2024 12:30	3.5	283	28	6.2	0.0
28/01/2024 12:40	3.6	275	28	6.0	0.0
28/01/2024 12:50	3.6	264	27	5.7	0.0
28/01/2024 13:00	5.1	295	18	7.8	0.0
28/01/2024 13:10	4.4	290	26	7.7	0.0
28/01/2024 13:20	4.7	300	19	7.5	0.0
28/01/2024 13:30	4.8	303	21	7.4	0.0
28/01/2024 13:40	4.5	303	23	7.7	0.0
28/01/2024 13:50	4.4	307	21	6.9	0.0
28/01/2024 14:00	4.7	299	20	7.9	0.0
28/01/2024 14:10	4.7	303	23	7.3	0.0
28/01/2024 14:20	5.5	296	22	8.7	0.0
28/01/2024 14:30	4.6	296	26	6.8	0.0
28/01/2024 14:40	5.0	301	23	8.3	0.0
28/01/2024 14:50	5.6	316	18	8.5	0.0
28/01/2024 15:00	4.7	290	25	7.2	0.0
28/01/2024 15:10	5.1	291	22	7.3	0.0
28/01/2024 15:20	4.9	294	20	7.2	0.0
28/01/2024 15:30	4.2	283	26	7.3	0.0
28/01/2024 15:40	4.9	288	25	7.6	0.0
28/01/2024 15:50	4.1	272	26	7.4	0.0
28/01/2024 16:00	4.9	278	20	8.1	0.0
28/01/2024 16:10	4.1	270	23	6.8	0.0
28/01/2024 16:20	4.6	275	26	7.5	0.0
28/01/2024 16:30	4.4	268	27	6.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/01/2024 16:40	4.7	280	23	7.5	0.0
28/01/2024 16:50	4.6	274	20	7.1	0.0
28/01/2024 17:00	4.6	293	24	8.1	0.0
28/01/2024 17:10	4.3	292	20	6.8	0.0
28/01/2024 17:20	5.2	301	18	7.7	0.0
28/01/2024 17:30	4.7	288	20	7.2	0.0
28/01/2024 17:40	5.0	296	21	7.9	0.0
28/01/2024 17:50	4.2	289	22	7.2	0.0
28/01/2024 18:00	4.4	296	25	7.2	0.0
28/01/2024 18:10	4.1	282	24	6.7	0.0
28/01/2024 18:20	4.6	288	20	8.1	0.0
28/01/2024 18:30	4.0	291	24	7.0	0.0
28/01/2024 18:40	4.5	287	21	6.8	0.0
28/01/2024 18:50	3.9	286	24	6.6	0.0
28/01/2024 19:00	4.4	277	20	7.2	0.0
28/01/2024 19:10	4.3	272	22	7.1	0.0
28/01/2024 19:20	4.4	278	27	6.2	0.0
28/01/2024 19:30	4.5	271	22	7.6	0.0
28/01/2024 19:40	4.2	287	25	7.1	0.0
28/01/2024 19:50	4.6	282	21	7.5	0.0
28/01/2024 20:00	3.8	278	19	6.3	0.0
28/01/2024 20:10	4.1	282	24	6.8	0.0
28/01/2024 20:20	4.5	283	22	6.8	0.0
28/01/2024 20:30	4.4	275	23	6.9	0.0
28/01/2024 20:40	4.5	277	18	6.8	0.0
28/01/2024 20:50	4.0	277	20	6.6	0.0
28/01/2024 21:00	3.9	281	21	6.3	0.0
28/01/2024 21:10	4.3	283	20	6.8	0.0
28/01/2024 21:20	4.3	281	16	6.3	0.0
28/01/2024 21:30	3.7	275	21	6.0	0.0
28/01/2024 21:40	4.1	274	23	6.4	0.0
28/01/2024 21:50	4.1	276	22	6.2	0.0
28/01/2024 22:00	4.3	276	21	7.2	0.0
28/01/2024 22:10	4.4	269	22	7.2	0.0
28/01/2024 22:20	3.8	274	24	5.6	0.0
28/01/2024 22:30	4.1	270	27	6.3	0.0
28/01/2024 22:40	4.7	264	22	7.2	0.0
28/01/2024 22:50	3.7	266	26	5.6	0.0
28/01/2024 23:00	2.6	266	53	5.0	0.0
28/01/2024 23:10	3.0	241	51	5.4	0.0
28/01/2024 23:20	2.8	253	57	5.9	0.0
28/01/2024 23:30	2.6	264	54	4.8	0.0
28/01/2024 23:40	2.7	237	60	5.6	0.0
28/01/2024 23:50	2.7	258	51	5.8	0.0
29/01/2024 0:00	3.2	260	45	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 0:10	2.7	256	50	5.1	0.0
29/01/2024 0:20	2.5	254	59	5.8	0.0
29/01/2024 0:30	2.2	249	58	4.8	0.0
29/01/2024 0:40	2.2	217	59	4.8	0.0
29/01/2024 0:50	2.2	253	43	4.2	0.0
29/01/2024 1:00	2.0	240	73	4.7	0.0
29/01/2024 1:10	2.7	257	46	5.6	0.0
29/01/2024 1:20	2.5	263	41	5.3	0.0
29/01/2024 1:30	2.2	245	59	4.1	0.0
29/01/2024 1:40	1.9	237	63	3.2	0.0
29/01/2024 1:50	2.5	258	49	4.6	0.0
29/01/2024 2:00	2.4	256	57	5.8	0.0
29/01/2024 2:10	2.3	255	52	5.0	0.0
29/01/2024 2:20	2.2	235	70	5.4	0.0
29/01/2024 2:30	2.5	254	47	4.7	0.0
29/01/2024 2:40	2.5	268	41	4.5	0.0
29/01/2024 2:50	2.5	263	35	5.4	0.0
29/01/2024 3:00	3.2	267	25	5.1	0.0
29/01/2024 3:10	3.3	271	26	5.6	0.0
29/01/2024 3:20	3.3	267	27	5.2	0.0
29/01/2024 3:30	3.2	267	37	5.6	0.0
29/01/2024 3:40	2.9	276	38	4.9	0.0
29/01/2024 3:50	2.8	268	33	5.2	0.0
29/01/2024 4:00	3.0	270	28	5.1	0.0
29/01/2024 4:10	3.3	273	30	5.6	0.0
29/01/2024 4:20	3.0	270	21	5.2	0.0
29/01/2024 4:30	3.3	267	30	5.6	0.0
29/01/2024 4:40	3.4	262	24	5.6	0.0
29/01/2024 4:50	3.0	267	23	5.0	0.0
29/01/2024 5:00	2.6	274	42	4.7	0.0
29/01/2024 5:10	2.7	261	38	4.9	0.0
29/01/2024 5:20	3.5	268	29	5.7	0.0
29/01/2024 5:30	2.3	257	56	5.6	0.0
29/01/2024 5:40	3.2	268	37	5.7	0.0
29/01/2024 5:50	3.3	268	36	6.0	0.0
29/01/2024 6:00	3.2	265	28	5.3	0.0
29/01/2024 6:10	2.5	268	39	4.4	0.0
29/01/2024 6:20	2.8	258	38	5.5	0.0
29/01/2024 6:30	2.5	250	46	4.5	0.0
29/01/2024 6:40	1.7	251	53	3.9	0.0
29/01/2024 6:50	2.7	269	38	5.1	0.0
29/01/2024 7:00	2.3	271	52	4.4	0.0
29/01/2024 7:10	3.0	266	33	5.0	0.0
29/01/2024 7:20	2.9	268	44	5.1	0.0
29/01/2024 7:30	2.6	268	43	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 7:40	2.9	269	44	5.2	0.0
29/01/2024 7:50	2.8	246	42	5.3	0.0
29/01/2024 8:00	3.3	265	32	5.5	0.0
29/01/2024 8:10	3.4	271	27	5.6	0.0
29/01/2024 8:20	3.7	267	25	6.5	0.0
29/01/2024 8:30	3.1	278	34	5.4	0.0
29/01/2024 8:40	3.7	283	20	5.9	0.0
29/01/2024 8:50	3.7	275	21	6.2	0.0
29/01/2024 9:00	3.7	273	22	5.8	0.0
29/01/2024 9:10	3.5	265	35	6.4	0.0
29/01/2024 9:20	3.9	281	23	6.4	0.0
29/01/2024 9:30	3.9	267	25	6.3	0.0
29/01/2024 9:40	3.7	277	27	6.2	0.0
29/01/2024 9:50	4.4	274	24	6.8	0.0
29/01/2024 10:00	4.4	279	23	6.7	0.0
29/01/2024 10:10	4.5	279	23	6.4	0.0
29/01/2024 10:20	4.1	287	25	6.8	0.0
29/01/2024 10:30	4.5	279	21	7.2	0.0
29/01/2024 10:40	4.3	266	21	6.6	0.0
29/01/2024 10:50	4.4	278	25	7.2	0.0
29/01/2024 11:00	4.5	273	20	7.5	0.0
29/01/2024 11:10	3.9	275	23	6.4	0.0
29/01/2024 11:20	3.8	275	24	6.8	0.0
29/01/2024 11:30	3.9	273	24	6.5	0.0
29/01/2024 11:40	3.7	269	23	6.6	0.0
29/01/2024 11:50	4.1	277	19	6.1	0.0
29/01/2024 12:00	4.6	277	25	7.2	0.0
29/01/2024 12:10	4.2	269	21	7.0	0.0
29/01/2024 12:20	4.2	277	24	6.8	0.0
29/01/2024 12:30	4.3	269	20	6.6	0.0
29/01/2024 12:40	4.5	271	22	7.1	0.0
29/01/2024 12:50	4.4	267	22	7.1	0.0
29/01/2024 13:00	4.2	272	24	6.6	0.0
29/01/2024 13:10	4.6	269	18	7.2	0.0
29/01/2024 13:20	4.8	271	22	7.2	0.0
29/01/2024 13:30	4.8	271	21	7.9	0.0
29/01/2024 13:40	4.6	286	25	7.7	0.0
29/01/2024 13:50	4.6	288	24	7.2	0.0
29/01/2024 14:00	5.4	296	19	8.3	0.0
29/01/2024 14:10	5.5	304	22	9.2	0.0
29/01/2024 14:20	5.8	312	19	8.7	0.0
29/01/2024 14:30	5.5	299	22	8.7	0.0
29/01/2024 14:40	5.3	300	27	8.0	0.0
29/01/2024 14:50	5.3	304	18	7.7	0.0
29/01/2024 15:00	5.8	298	18	8.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 15:10	5.4	296	20	8.6	0.0
29/01/2024 15:20	5.2	295	22	7.6	0.0
29/01/2024 15:30	5.0	296	20	7.5	0.0
29/01/2024 15:40	5.7	298	21	8.7	0.0
29/01/2024 15:50	5.6	297	20	8.9	0.0
29/01/2024 16:00	5.4	295	23	8.4	0.0
29/01/2024 16:10	5.3	291	23	8.0	0.0
29/01/2024 16:20	5.1	294	22	8.3	0.0
29/01/2024 16:30	5.8	297	20	9.4	0.0
29/01/2024 16:40	5.7	295	21	8.5	0.0
29/01/2024 16:50	6.0	298	18	9.3	0.0
29/01/2024 17:00	6.1	294	20	9.7	0.0
29/01/2024 17:10	5.8	296	23	9.2	0.0
29/01/2024 17:20	5.9	294	21	9.2	0.0
29/01/2024 17:30	5.3	292	21	7.9	0.0
29/01/2024 17:40	4.7	287	22	7.7	0.0
29/01/2024 17:50	4.5	288	24	8.3	0.0
29/01/2024 18:00	4.6	284	25	7.1	0.0
29/01/2024 18:10	4.9	292	22	8.6	0.0
29/01/2024 18:20	4.9	289	21	8.3	0.0
29/01/2024 18:30	4.6	281	19	6.8	0.0
29/01/2024 18:40	4.5	282	22	6.9	0.0
29/01/2024 18:50	4.3	280	27	6.7	0.0
29/01/2024 19:00	4.4	279	19	7.1	0.0
29/01/2024 19:10	4.5	275	20	7.4	0.0
29/01/2024 19:20	4.6	272	21	7.4	0.0
29/01/2024 19:30	4.5	276	20	7.5	0.0
29/01/2024 19:40	4.5	270	19	6.8	0.0
29/01/2024 19:50	4.3	269	22	7.5	0.0
29/01/2024 20:00	4.5	282	19	6.6	0.0
29/01/2024 20:10	3.9	271	22	6.0	0.0
29/01/2024 20:20	4.7	278	24	6.6	0.0
29/01/2024 20:30	4.5	274	21	7.2	0.0
29/01/2024 20:40	4.4	279	20	7.4	0.0
29/01/2024 20:50	4.9	278	21	7.9	0.0
29/01/2024 21:00	4.4	268	29	8.0	0.0
29/01/2024 21:10	4.3	272	20	6.8	0.0
29/01/2024 21:20	4.2	275	23	6.7	0.0
29/01/2024 21:30	4.8	268	20	8.2	0.0
29/01/2024 21:40	4.5	263	24	8.4	0.0
29/01/2024 21:50	4.3	268	27	6.8	0.0
29/01/2024 22:00	4.0	273	35	7.1	0.0
29/01/2024 22:10	3.0	265	48	6.3	0.0
29/01/2024 22:20	3.9	272	26	6.9	0.0
29/01/2024 22:30	2.5	232	66	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/01/2024 22:40	3.2	260	50	6.0	0.0
29/01/2024 22:50	2.1	276	52	4.7	0.0
29/01/2024 23:00	2.2	241	63	5.2	0.0
29/01/2024 23:10	2.5	241	54	4.8	0.0
29/01/2024 23:20	3.0	253	47	5.6	0.0
29/01/2024 23:30	2.3	261	64	4.8	0.0
29/01/2024 23:40	2.3	258	57	4.8	0.0
29/01/2024 23:50	1.7	266	72	4.3	0.0
30/01/2024 0:00	2.5	269	45	4.8	0.0
30/01/2024 0:10	2.3	265	48	4.4	0.0
30/01/2024 0:20	1.9	261	70	4.0	0.0
30/01/2024 0:30	1.9	246	57	4.0	0.0
30/01/2024 0:40	1.9	266	51	3.8	0.0
30/01/2024 0:50	2.1	274	40	4.0	0.0
30/01/2024 1:00	2.2	268	36	4.5	0.0
30/01/2024 1:10	2.4	273	28	4.4	0.0
30/01/2024 1:20	1.6	256	51	3.7	0.0
30/01/2024 1:30	2.4	274	33	4.0	0.0
30/01/2024 1:40	2.1	274	37	4.3	0.0
30/01/2024 1:50	2.3	274	46	4.2	0.0
30/01/2024 2:00	3.1	270	24	5.5	0.0
30/01/2024 2:10	2.4	273	34	4.6	0.0
30/01/2024 2:20	2.4	268	35	4.9	0.0
30/01/2024 2:30	2.7	265	23	4.5	0.0
30/01/2024 2:40	2.6	265	30	4.2	0.0
30/01/2024 2:50	2.7	265	28	4.4	0.0
30/01/2024 3:00	2.8	268	22	4.7	0.0
30/01/2024 3:10	1.9	263	45	3.9	0.0
30/01/2024 3:20	1.8	263	53	4.1	0.0
30/01/2024 3:30	1.7	248	50	3.2	0.0
30/01/2024 3:40	1.6	265	41	3.5	0.0
30/01/2024 3:50	2.2	273	26	3.6	0.0
30/01/2024 4:00	2.0	272	32	3.4	0.0
30/01/2024 4:10	2.1	276	32	3.8	0.0
30/01/2024 4:20	2.1	277	23	3.5	0.0
30/01/2024 4:30	2.0	275	26	3.4	0.0
30/01/2024 4:40	2.6	270	23	4.2	0.0
30/01/2024 4:50	2.4	269	27	4.3	0.0
30/01/2024 5:00	2.5	277	20	4.3	0.0
30/01/2024 5:10	2.5	280	22	3.9	0.0
30/01/2024 5:20	2.5	281	22	4.4	0.0
30/01/2024 5:30	2.4	281	26	4.3	0.0
30/01/2024 5:40	2.5	267	27	4.0	0.0
30/01/2024 5:50	2.4	274	26	4.2	0.0
30/01/2024 6:00	2.4	259	28	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 6:10	2.5	267	32	3.9	0.0
30/01/2024 6:20	2.6	259	35	4.8	0.0
30/01/2024 6:30	2.2	254	40	4.3	0.0
30/01/2024 6:40	2.4	269	27	4.0	0.0
30/01/2024 6:50	2.4	269	34	4.4	0.0
30/01/2024 7:00	2.5	279	27	4.7	0.0
30/01/2024 7:10	2.7	281	22	4.4	0.0
30/01/2024 7:20	2.8	275	23	4.4	0.0
30/01/2024 7:30	2.7	276	23	4.8	0.0
30/01/2024 7:40	2.7	292	22	4.4	0.0
30/01/2024 7:50	3.1	287	22	5.2	0.0
30/01/2024 8:00	2.3	282	22	3.7	0.0
30/01/2024 8:10	2.6	275	22	4.0	0.0
30/01/2024 8:20	3.2	264	21	5.2	0.0
30/01/2024 8:30	3.5	274	21	5.6	0.0
30/01/2024 8:40	3.0	275	27	4.8	0.0
30/01/2024 8:50	3.2	271	24	4.8	0.0
30/01/2024 9:00	3.0	271	25	5.4	0.0
30/01/2024 9:10	3.2	275	22	5.1	0.0
30/01/2024 9:20	3.4	275	24	5.3	0.0
30/01/2024 9:30	3.4	279	25	5.5	0.0
30/01/2024 9:40	3.2	283	24	5.1	0.0
30/01/2024 9:50	3.0	275	28	5.2	0.0
30/01/2024 10:00	3.4	291	27	5.2	0.0
30/01/2024 10:10	3.5	293	25	5.7	0.0
30/01/2024 10:20	3.3	288	24	5.5	0.0
30/01/2024 10:30	3.5	280	30	5.5	0.0
30/01/2024 10:40	3.1	270	24	4.7	0.0
30/01/2024 10:50	3.4	267	25	5.1	0.0
30/01/2024 11:00	3.3	276	26	4.9	0.0
30/01/2024 11:10	3.1	269	22	5.0	0.0
30/01/2024 11:20	3.6	269	20	5.2	0.0
30/01/2024 11:30	3.2	268	29	5.3	0.0
30/01/2024 11:40	3.4	280	21	5.1	0.0
30/01/2024 11:50	3.4	291	23	5.4	0.0
30/01/2024 12:00	3.4	278	25	5.2	0.0
30/01/2024 12:10	3.9	303	28	6.2	0.0
30/01/2024 12:20	4.0	286	25	6.4	0.0
30/01/2024 12:30	3.8	285	27	5.9	0.0
30/01/2024 12:40	3.9	281	22	6.3	0.0
30/01/2024 12:50	3.8	303	24	5.9	0.0
30/01/2024 13:00	3.4	308	33	6.0	0.0
30/01/2024 13:10	4.2	306	22	7.0	0.0
30/01/2024 13:20	3.7	311	26	6.0	0.0
30/01/2024 13:30	3.6	292	23	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 13:40	3.7	307	22	5.9	0.0
30/01/2024 13:50	3.9	296	27	6.0	0.0
30/01/2024 14:00	3.7	303	23	6.0	0.0
30/01/2024 14:10	4.0	297	22	6.4	0.0
30/01/2024 14:20	4.2	305	23	6.5	0.0
30/01/2024 14:30	4.2	298	18	6.3	0.0
30/01/2024 14:40	4.5	293	19	6.9	0.0
30/01/2024 14:50	4.4	298	21	6.7	0.0
30/01/2024 15:00	4.4	294	23	6.2	0.0
30/01/2024 15:10	4.3	297	23	7.1	0.0
30/01/2024 15:20	4.7	299	19	7.1	0.0
30/01/2024 15:30	4.4	288	19	7.2	0.0
30/01/2024 15:40	4.2	299	24	6.3	0.0
30/01/2024 15:50	4.7	292	23	7.2	0.0
30/01/2024 16:00	4.4	294	23	7.0	0.0
30/01/2024 16:10	4.5	291	22	7.3	0.0
30/01/2024 16:20	5.3	297	18	7.7	0.0
30/01/2024 16:30	4.7	291	21	7.0	0.0
30/01/2024 16:40	4.7	295	20	8.1	0.0
30/01/2024 16:50	4.9	296	19	7.5	0.0
30/01/2024 17:00	5.0	296	18	7.8	0.0
30/01/2024 17:10	4.2	290	22	6.7	0.0
30/01/2024 17:20	4.7	295	20	7.6	0.0
30/01/2024 17:30	5.0	299	17	8.1	0.0
30/01/2024 17:40	4.5	288	23	7.5	0.0
30/01/2024 17:50	4.7	295	19	7.5	0.0
30/01/2024 18:00	4.3	294	24	6.8	0.0
30/01/2024 18:10	4.7	294	22	7.6	0.0
30/01/2024 18:20	4.8	293	19	8.3	0.0
30/01/2024 18:30	5.2	294	20	8.1	0.0
30/01/2024 18:40	4.7	294	23	7.8	0.0
30/01/2024 18:50	4.7	288	23	7.5	0.0
30/01/2024 19:00	4.2	286	23	6.8	0.0
30/01/2024 19:10	4.2	294	21	6.7	0.0
30/01/2024 19:20	4.3	291	22	6.5	0.0
30/01/2024 19:30	4.4	290	25	6.8	0.0
30/01/2024 19:40	4.6	286	24	7.0	0.0
30/01/2024 19:50	4.2	284	21	7.2	0.0
30/01/2024 20:00	4.7	280	17	7.2	0.0
30/01/2024 20:10	4.3	272	21	6.2	0.0
30/01/2024 20:20	4.2	276	21	6.8	0.0
30/01/2024 20:30	3.7	267	25	5.5	0.0
30/01/2024 20:40	4.1	270	24	6.8	0.0
30/01/2024 20:50	4.4	268	23	6.8	0.0
30/01/2024 21:00	4.1	270	30	7.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/01/2024 21:10	3.7	269	29	7.2	0.0
30/01/2024 21:20	3.1	271	37	6.1	0.0
30/01/2024 21:30	3.6	263	45	7.2	0.0
30/01/2024 21:40	3.6	269	36	5.9	0.0
30/01/2024 21:50	3.2	266	31	5.2	0.0
30/01/2024 22:00	3.2	271	31	5.2	0.0
30/01/2024 22:10	3.0	267	41	4.8	0.0
30/01/2024 22:20	2.5	265	41	4.8	0.0
30/01/2024 22:30	2.5	263	49	5.8	0.0
30/01/2024 22:40	2.6	278	34	4.5	0.0
30/01/2024 22:50	2.3	262	42	4.9	0.0
30/01/2024 23:00	2.0	263	52	4.4	0.0
30/01/2024 23:10	1.7	254	45	3.4	0.0
30/01/2024 23:20	2.5	268	28	4.7	0.0
30/01/2024 23:30	2.8	274	22	4.6	0.0
30/01/2024 23:40	2.3	278	27	4.0	0.0
30/01/2024 23:50	2.8	272	24	4.5	0.0
31/01/2024 0:00	2.8	272	22	4.6	0.0
1/02/2024 0:10	1.5	282	19	2.5	0.0
1/02/2024 0:20	1.8	280	20	2.8	0.0
1/02/2024 0:30	2.4	265	19	3.6	0.0
1/02/2024 0:40	2.6	272	17	3.7	0.0
1/02/2024 0:50	2.7	268	22	4.0	0.0
1/02/2024 1:00	2.2	265	20	3.4	0.0
1/02/2024 1:10	2.3	275	17	3.6	0.0
1/02/2024 1:20	2.7	273	18	3.8	0.0
1/02/2024 1:30	2.4	270	21	3.9	0.0
1/02/2024 1:40	2.3	268	24	3.9	0.0
1/02/2024 1:50	2.4	268	19	4.0	0.0
1/02/2024 2:00	2.4	274	20	3.8	0.0
1/02/2024 2:10	2.1	269	26	3.4	0.0
1/02/2024 2:20	1.5	245	45	2.8	0.0
1/02/2024 2:30	1.6	212	22	2.8	0.0
1/02/2024 2:40	0.7	146	49	1.8	0.0
1/02/2024 2:50	1.1	240	65	2.1	0.0
1/02/2024 3:00	1.3	292	19	1.9	0.0
1/02/2024 3:10	1.4	272	14	2.1	0.0
1/02/2024 3:20	1.4	274	17	2.1	0.0
1/02/2024 3:30	1.9	272	18	2.8	0.0
1/02/2024 3:40	2.0	267	25	2.9	0.0
1/02/2024 3:50	2.2	270	20	3.6	0.0
1/02/2024 4:00	2.5	266	21	3.9	0.0
1/02/2024 4:10	2.1	255	31	3.5	0.0
1/02/2024 4:20	1.9	269	30	3.7	0.0
1/02/2024 4:30	2.1	262	26	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/02/2024 4:40	2.5	275	16	3.8	0.0
1/02/2024 4:50	2.3	271	25	3.8	0.0
1/02/2024 5:00	2.2	273	20	3.7	0.0
1/02/2024 5:10	2.5	262	23	4.0	0.0
1/02/2024 5:20	2.3	265	23	3.9	0.0
1/02/2024 5:30	2.5	264	22	4.0	0.0
1/02/2024 5:40	2.3	258	27	4.7	0.0
1/02/2024 5:50	2.0	272	21	3.5	0.0
1/02/2024 6:00	2.6	267	25	4.7	0.0
1/02/2024 6:10	1.9	274	36	4.1	0.0
1/02/2024 6:20	2.4	267	28	4.0	0.0
1/02/2024 6:30	2.7	268	22	4.8	0.0
1/02/2024 6:40	2.8	268	20	4.9	0.0
1/02/2024 6:50	2.5	270	24	4.9	0.0
1/02/2024 7:00	2.2	270	26	4.3	0.0
1/02/2024 7:10	3.1	272	22	4.9	0.0
1/02/2024 7:20	3.0	267	27	5.1	0.0
1/02/2024 7:30	3.1	276	19	4.9	0.0
1/02/2024 7:40	3.3	270	24	5.7	0.0
1/02/2024 7:50	3.1	269	23	5.0	0.0
1/02/2024 8:00	2.7	264	29	4.3	0.0
1/02/2024 8:10	3.2	266	26	4.6	0.0
1/02/2024 8:20	3.3	271	21	5.6	0.0
1/02/2024 8:30	3.3	271	21	5.4	0.0
1/02/2024 8:40	3.6	270	19	5.5	0.0
1/02/2024 8:50	3.5	277	19	5.4	0.0
1/02/2024 9:00	4.0	272	18	5.6	0.0
1/02/2024 9:10	3.9	272	20	5.6	0.0
1/02/2024 9:20	4.0	271	19	6.0	0.0
1/02/2024 9:30	4.3	274	20	6.1	0.0
1/02/2024 9:40	4.1	272	19	6.0	0.0
1/02/2024 9:50	4.1	269	19	6.0	0.0
1/02/2024 10:00	3.9	275	19	6.2	0.0
1/02/2024 10:10	4.1	276	21	6.2	0.0
1/02/2024 10:20	4.1	278	20	6.4	0.0
1/02/2024 10:30	4.2	275	22	6.5	0.0
1/02/2024 10:40	4.3	271	21	6.8	0.0
1/02/2024 10:50	4.7	273	22	6.5	0.0
1/02/2024 11:00	4.6	270	23	7.2	0.0
1/02/2024 11:10	4.3	273	26	6.2	0.0
1/02/2024 11:20	4.4	273	19	6.8	0.0
1/02/2024 11:30	4.6	274	22	6.8	0.0
1/02/2024 11:40	4.3	276	22	6.3	0.0
1/02/2024 11:50	4.4	280	23	7.0	0.0
1/02/2024 12:00	4.1	274	22	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/02/2024 12:10	4.1	278	23	6.3	0.0
1/02/2024 12:20	4.4	278	21	6.6	0.0
1/02/2024 12:30	4.7	272	21	6.8	0.0
1/02/2024 12:40	4.5	272	21	6.6	0.0
1/02/2024 12:50	4.5	272	21	6.8	0.0
1/02/2024 13:00	4.6	269	21	7.2	0.0
1/02/2024 13:10	4.4	269	22	6.9	0.0
1/02/2024 13:20	4.7	266	21	7.2	0.0
1/02/2024 13:30	4.8	268	19	7.1	0.0
1/02/2024 13:40	4.8	269	19	6.8	0.0
1/02/2024 13:50	4.5	271	22	6.8	0.0
1/02/2024 14:00	4.8	274	19	7.9	0.0
1/02/2024 14:10	4.6	266	17	6.7	0.0
1/02/2024 14:20	4.4	266	20	6.8	0.0
1/02/2024 14:30	5.0	271	23	6.8	0.0
1/02/2024 14:40	4.8	279	20	6.9	0.0
1/02/2024 14:50	4.9	268	18	7.7	0.0
1/02/2024 15:00	4.6	275	22	6.8	0.0
1/02/2024 15:10	4.7	273	20	7.4	0.0
1/02/2024 15:20	4.7	279	20	7.0	0.0
1/02/2024 15:30	4.6	271	20	7.1	0.0
1/02/2024 15:40	4.6	279	20	6.6	0.0
1/02/2024 15:50	4.7	279	19	7.1	0.0
1/02/2024 16:00	4.6	278	18	7.5	0.0
1/02/2024 16:10	4.1	271	24	6.1	0.0
1/02/2024 16:20	4.5	272	21	6.4	0.0
1/02/2024 16:30	4.0	278	18	6.0	0.0
1/02/2024 16:40	4.2	274	20	5.9	0.0
1/02/2024 16:50	4.1	277	20	6.8	0.0
1/02/2024 17:00	4.4	268	19	6.8	0.0
1/02/2024 17:10	4.6	271	18	6.4	0.0
1/02/2024 17:20	4.8	267	18	7.1	0.0
1/02/2024 17:30	4.3	271	28	7.2	0.0
1/02/2024 17:40	4.3	265	23	6.5	0.0
1/02/2024 17:50	4.4	268	23	6.4	0.0
1/02/2024 18:00	4.2	272	21	6.9	0.0
1/02/2024 18:10	5.0	272	17	7.4	0.0
1/02/2024 18:20	5.1	270	25	7.5	0.0
1/02/2024 18:30	4.8	273	19	7.1	0.0
1/02/2024 18:40	4.6	271	23	7.0	0.0
1/02/2024 18:50	4.8	271	19	7.7	0.0
1/02/2024 19:00	4.6	270	21	7.0	0.0
1/02/2024 19:10	3.4	256	40	6.4	0.0
1/02/2024 19:20	3.4	260	38	6.1	0.0
1/02/2024 19:30	3.6	264	33	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/02/2024 19:40	3.5	270	24	6.4	0.0
1/02/2024 19:50	3.3	273	28	5.0	0.0
1/02/2024 20:00	2.7	265	29	5.1	0.0
1/02/2024 20:10	2.2	243	55	4.9	0.0
1/02/2024 20:20	2.9	263	31	4.4	0.0
1/02/2024 20:30	2.3	254	35	4.4	0.0
1/02/2024 20:40	2.8	276	36	4.7	0.0
1/02/2024 20:50	3.1	272	37	5.6	0.0
1/02/2024 21:00	2.9	271	32	6.0	0.0
1/02/2024 21:10	3.0	266	41	5.2	0.0
1/02/2024 21:20	3.1	273	27	5.3	0.0
1/02/2024 21:30	3.0	270	30	5.4	0.0
1/02/2024 21:40	3.4	268	29	5.0	0.0
1/02/2024 21:50	2.7	257	41	5.1	0.0
1/02/2024 22:00	2.3	265	42	4.4	0.0
1/02/2024 22:10	2.8	265	32	4.8	0.0
1/02/2024 22:20	2.6	261	42	4.8	0.0
1/02/2024 22:30	2.7	255	38	4.8	0.0
1/02/2024 22:40	2.7	272	44	4.8	0.0
1/02/2024 22:50	1.3	229	65	3.0	0.0
1/02/2024 23:00	2.4	189	21	3.5	0.0
1/02/2024 23:10	2.3	248	26	3.7	0.0
1/02/2024 23:20	1.1	115	76	2.2	0.0
1/02/2024 23:30	1.3	259	43	2.3	0.0
1/02/2024 23:40	2.0	231	33	2.9	0.0
1/02/2024 23:50	2.1	226	38	3.1	0.0
2/02/2024 0:00	2.0	271	22	3.0	0.0
2/02/2024 0:10	2.1	265	26	3.5	0.0
2/02/2024 0:20	2.9	273	16	4.5	0.0
2/02/2024 0:30	2.0	254	42	3.8	0.0
2/02/2024 0:40	2.1	246	36	3.9	0.0
2/02/2024 0:50	1.7	226	46	3.1	0.0
2/02/2024 1:00	1.9	242	52	4.4	0.0
2/02/2024 1:10	2.2	264	42	3.8	0.0
2/02/2024 1:20	2.4	254	34	3.9	0.0
2/02/2024 1:30	2.6	262	26	4.3	0.0
2/02/2024 1:40	2.3	269	36	4.1	0.0
2/02/2024 1:50	2.1	261	35	3.8	0.0
2/02/2024 2:00	2.8	272	27	4.7	0.0
2/02/2024 2:10	1.9	260	41	3.8	0.0
2/02/2024 2:20	2.1	273	32	3.7	0.0
2/02/2024 2:30	2.6	273	26	4.4	0.0
2/02/2024 2:40	2.4	267	25	4.4	0.0
2/02/2024 2:50	2.7	264	28	4.3	0.0
2/02/2024 3:00	2.5	270	28	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/02/2024 3:10	2.2	272	43	4.0	0.0
2/02/2024 3:20	3.0	261	33	5.0	0.0
2/02/2024 3:30	3.5	269	30	6.6	0.0
2/02/2024 3:40	3.5	270	27	6.0	0.0
2/02/2024 3:50	3.0	269	28	5.2	0.0
2/02/2024 4:00	2.9	262	40	4.9	0.0
2/02/2024 4:10	3.3	266	27	5.3	0.0
2/02/2024 4:20	2.8	268	26	4.8	0.0
2/02/2024 4:30	3.1	262	30	5.3	0.0
2/02/2024 4:40	3.1	273	26	5.9	0.0
2/02/2024 4:50	2.3	253	47	5.0	0.0
2/02/2024 5:00	3.0	276	23	5.8	0.0
2/02/2024 5:10	2.5	247	40	5.1	0.0
2/02/2024 5:20	2.6	267	30	4.5	0.0
2/02/2024 5:30	1.1	224	39	2.8	0.0
2/02/2024 5:40	1.9	261	28	3.6	0.0
2/02/2024 5:50	1.2	269	36	3.4	0.0
2/02/2024 6:00	1.7	241	39	3.0	0.0
2/02/2024 6:10	1.0	223	42	3.7	0.0
2/02/2024 6:20	1.0	246	46	3.1	0.0
2/02/2024 6:30	1.7	260	31	3.4	0.0
2/02/2024 6:40	2.2	276	26	3.8	0.0
2/02/2024 6:50	2.4	277	24	4.1	0.0
2/02/2024 7:00	3.3	269	19	5.3	0.0
2/02/2024 7:10	3.0	270	19	4.8	0.0
2/02/2024 7:20	3.7	278	18	5.3	0.0
2/02/2024 7:30	3.4	271	20	5.7	0.0
2/02/2024 7:40	3.3	267	23	5.7	0.0
2/02/2024 7:50	3.7	275	18	5.6	0.0
2/02/2024 8:00	3.9	274	19	5.6	0.0
2/02/2024 8:10	4.0	275	19	6.1	0.0
2/02/2024 8:20	3.4	274	22	5.4	0.0
2/02/2024 8:30	4.2	274	18	6.3	0.0
2/02/2024 8:40	3.8	271	23	6.6	0.0
2/02/2024 8:50	3.5	267	22	5.6	0.0
2/02/2024 9:00	4.0	272	15	6.2	0.0
2/02/2024 9:10	3.5	272	27	6.0	0.0
2/02/2024 9:20	3.2	257	34	5.6	0.0
2/02/2024 9:30	3.3	269	23	4.9	0.0
2/02/2024 9:40	3.1	265	27	5.2	0.0
2/02/2024 9:50	3.0	266	31	5.3	0.0
2/02/2024 10:00	3.3	268	23	5.7	0.0
2/02/2024 10:10	3.8	278	21	7.0	0.0
2/02/2024 10:20	3.9	274	22	6.0	0.0
2/02/2024 10:30	3.6	277	20	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/02/2024 10:40	3.9	281	24	6.4	0.0
2/02/2024 10:50	4.7	281	19	7.1	0.0
2/02/2024 11:00	4.7	277	20	6.7	0.0
2/02/2024 11:10	4.6	274	21	7.2	0.0
2/02/2024 11:20	4.6	272	19	6.8	0.0
2/02/2024 11:30	4.6	278	18	7.8	0.0
2/02/2024 11:40	4.6	278	18	7.3	0.0
2/02/2024 11:50	4.6	280	23	6.6	0.0
2/02/2024 12:00	5.0	268	20	7.3	0.0
2/02/2024 12:10	4.6	274	20	6.3	0.0
2/02/2024 12:20	4.9	270	17	7.2	0.0
2/02/2024 12:30	4.4	273	21	6.6	0.0
2/02/2024 12:40	4.1	264	24	6.6	0.0
2/02/2024 12:50	4.4	271	19	6.5	0.0
2/02/2024 13:00	4.2	271	22	7.0	0.0
2/02/2024 13:10	4.4	265	19	6.8	0.0
2/02/2024 13:20	4.9	276	17	6.8	0.0
2/02/2024 13:30	4.3	267	21	6.6	0.0
2/02/2024 13:40	4.9	264	17	7.5	0.0
2/02/2024 13:50	4.8	267	22	7.5	0.0
2/02/2024 14:00	5.2	266	20	7.7	0.0
2/02/2024 14:10	5.1	269	22	7.4	0.0
2/02/2024 14:20	5.1	290	20	7.8	0.0
2/02/2024 14:30	4.8	292	24	7.5	0.0
2/02/2024 14:40	5.7	296	20	8.7	0.0
2/02/2024 14:50	6.2	298	18	8.8	0.0
2/02/2024 15:00	5.5	285	20	8.6	0.0
2/02/2024 15:10	5.6	294	21	7.9	0.0
2/02/2024 15:20	5.5	289	24	8.2	0.0
2/02/2024 15:30	5.1	290	23	8.3	0.0
2/02/2024 15:40	5.4	267	23	8.2	0.0
2/02/2024 15:50	5.1	272	25	7.8	0.0
2/02/2024 16:00	5.5	270	19	7.5	0.0
2/02/2024 16:10	5.6	275	16	7.6	0.0
2/02/2024 16:20	5.3	278	19	7.5	0.0
2/02/2024 16:30	4.5	268	28	7.2	0.0
2/02/2024 16:40	4.4	263	29	7.4	0.0
2/02/2024 16:50	3.9	252	42	6.9	0.0
2/02/2024 17:00	3.7	247	39	7.2	0.0
2/02/2024 17:10	4.1	268	32	6.6	0.0
2/02/2024 17:20	3.7	258	33	6.5	0.0
2/02/2024 17:30	3.0	249	53	5.6	0.0
2/02/2024 17:40	3.8	272	37	6.2	0.1
2/02/2024 17:50	3.1	228	42	5.8	0.0
2/02/2024 18:00	3.2	257	31	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/02/2024 18:10	3.1	268	27	5.2	0.0
2/02/2024 18:20	2.4	278	22	4.0	0.0
2/02/2024 18:30	2.2	265	26	3.6	0.1
2/02/2024 18:40	2.4	203	26	4.1	0.0
2/02/2024 18:50	3.7	209	19	5.6	0.0
2/02/2024 19:00	3.8	195	18	6.4	0.1
2/02/2024 19:10	3.4	197	16	5.0	0.0
2/02/2024 19:20	2.7	191	15	3.7	0.1
2/02/2024 19:30	3.7	190	13	5.6	0.0
2/02/2024 19:40	4.0	197	11	5.2	0.1
2/02/2024 19:50	2.8	224	24	4.1	0.1
2/02/2024 20:00	2.2	253	28	3.8	0.0
2/02/2024 20:10	2.4	272	27	4.0	0.0
2/02/2024 20:20	2.6	276	25	4.4	0.0
2/02/2024 20:30	3.0	274	23	5.0	0.0
2/02/2024 20:40	2.3	256	40	4.4	0.0
2/02/2024 20:50	3.2	246	32	5.2	0.0
2/02/2024 21:00	2.1	244	52	5.5	0.0
2/02/2024 21:10	2.5	224	43	5.6	0.0
2/02/2024 21:20	3.1	209	38	6.5	0.0
2/02/2024 21:30	3.1	210	34	5.8	0.0
2/02/2024 21:40	2.1	216	45	4.4	0.0
2/02/2024 21:50	1.9	265	46	4.4	0.0
2/02/2024 22:00	1.8	260	48	3.8	0.0
2/02/2024 22:10	2.0	268	37	4.0	0.0
2/02/2024 22:20	2.0	261	47	4.0	0.0
2/02/2024 22:30	2.0	244	52	4.0	0.0
2/02/2024 22:40	2.2	237	49	4.7	0.0
2/02/2024 22:50	2.0	259	38	3.2	0.0
2/02/2024 23:00	1.5	225	66	2.8	0.0
2/02/2024 23:10	2.4	243	51	5.1	0.0
2/02/2024 23:20	2.1	255	46	4.8	0.0
2/02/2024 23:30	2.2	273	36	3.9	0.0
2/02/2024 23:40	1.8	260	50	3.4	0.0
2/02/2024 23:50	1.8	279	29	3.4	0.0
3/02/2024 0:00	2.5	277	17	4.4	0.0
3/02/2024 0:10	2.1	276	29	4.0	0.0
3/02/2024 0:20	2.4	278	19	3.6	0.0
3/02/2024 0:30	2.2	274	22	3.6	0.0
3/02/2024 0:40	2.6	260	35	4.2	0.0
3/02/2024 0:50	2.5	261	34	4.8	0.0
3/02/2024 1:00	2.1	300	24	3.6	0.0
3/02/2024 1:10	1.7	285	25	3.2	0.0
3/02/2024 1:20	1.6	288	26	2.6	0.0
3/02/2024 1:30	2.1	298	20	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/02/2024 1:40	1.3	306	18	2.7	0.0
3/02/2024 1:50	2.1	303	23	3.4	0.0
3/02/2024 2:00	2.9	278	18	4.8	0.0
3/02/2024 2:10	3.6	272	23	5.2	0.0
3/02/2024 2:20	3.3	272	20	5.3	0.0
3/02/2024 2:30	3.8	268	20	6.1	0.0
3/02/2024 2:40	3.3	267	26	5.6	0.0
3/02/2024 2:50	3.3	275	22	5.6	0.0
3/02/2024 3:00	3.0	298	23	5.0	0.0
3/02/2024 3:10	2.9	266	22	4.7	0.0
3/02/2024 3:20	3.0	266	22	4.8	0.0
3/02/2024 3:30	2.9	270	23	4.5	0.0
3/02/2024 3:40	2.8	284	18	4.7	0.0
3/02/2024 3:50	2.0	278	22	3.4	0.0
3/02/2024 4:00	1.7	254	39	3.2	0.0
3/02/2024 4:10	1.0	268	23	3.0	0.0
3/02/2024 4:20	1.1	258	37	3.1	0.0
3/02/2024 4:30	1.8	255	39	3.2	0.0
3/02/2024 4:40	0.7	240	40	2.9	0.0
3/02/2024 4:50	0.7	266	28	2.4	0.0
3/02/2024 5:00	1.4	257	24	3.7	0.0
3/02/2024 5:10	0.4	278	25	2.0	0.0
3/02/2024 5:20	1.4	280	29	3.2	0.0
3/02/2024 5:30	1.7	279	28	3.2	0.0
3/02/2024 5:40	2.4	268	23	4.1	0.0
3/02/2024 5:50	2.5	266	24	4.0	0.0
3/02/2024 6:00	2.5	270	28	4.2	0.0
3/02/2024 6:10	2.5	262	25	4.9	0.0
3/02/2024 6:20	3.0	273	23	4.9	0.0
3/02/2024 6:30	3.1	265	23	5.1	0.0
3/02/2024 6:40	2.8	270	25	4.7	0.0
3/02/2024 6:50	2.6	262	33	4.9	0.0
3/02/2024 7:00	2.3	262	43	4.4	0.0
3/02/2024 7:10	2.3	252	54	4.0	0.0
3/02/2024 7:20	2.6	257	44	5.2	0.0
3/02/2024 7:30	2.8	261	38	6.0	0.0
3/02/2024 7:40	2.8	274	35	4.6	0.0
3/02/2024 7:50	2.5	254	46	5.3	0.0
3/02/2024 8:00	2.9	267	31	4.9	0.0
3/02/2024 8:10	2.7	273	42	5.0	0.0
3/02/2024 8:20	2.7	268	32	5.0	0.0
3/02/2024 8:30	2.4	250	51	6.6	0.0
3/02/2024 8:40	3.5	260	24	5.6	0.0
3/02/2024 8:50	3.3	264	35	6.2	0.0
3/02/2024 9:00	3.4	264	34	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/02/2024 9:10	3.6	265	25	6.3	0.0
3/02/2024 9:20	2.9	258	39	5.4	0.0
3/02/2024 9:30	2.9	264	33	6.0	0.0
3/02/2024 9:40	3.1	264	38	5.6	0.0
3/02/2024 9:50	4.0	266	21	7.0	0.0
3/02/2024 10:00	4.1	269	22	6.3	0.0
3/02/2024 10:10	4.4	272	18	6.8	0.0
3/02/2024 10:20	4.6	271	21	7.1	0.0
3/02/2024 10:30	4.7	273	21	7.2	0.0
3/02/2024 10:40	4.5	274	19	6.8	0.0
3/02/2024 10:50	4.6	270	20	6.8	0.0
3/02/2024 11:00	4.6	275	20	6.9	0.0
3/02/2024 11:10	4.3	271	17	6.4	0.0
3/02/2024 11:20	4.9	275	21	7.0	0.0
3/02/2024 11:30	4.7	282	23	7.7	0.0
3/02/2024 11:40	4.8	281	23	7.9	0.0
3/02/2024 11:50	5.1	274	21	7.5	0.0
3/02/2024 12:00	5.0	273	23	8.2	0.0
3/02/2024 12:10	5.1	275	23	7.9	0.0
3/02/2024 12:20	5.2	273	20	8.3	0.0
3/02/2024 12:30	5.3	274	21	8.1	0.0
3/02/2024 12:40	5.0	276	23	7.7	0.0
3/02/2024 12:50	5.4	272	21	8.2	0.0
3/02/2024 13:00	5.3	266	22	7.9	0.0
3/02/2024 13:10	5.1	272	25	8.7	0.0
3/02/2024 13:20	5.8	264	21	9.0	0.0
3/02/2024 13:30	5.2	264	21	8.1	0.0
3/02/2024 13:40	5.6	271	20	8.5	0.0
3/02/2024 13:50	5.7	266	20	8.7	0.0
3/02/2024 14:00	5.5	265	20	8.3	0.0
3/02/2024 14:10	4.5	267	33	7.2	0.0
3/02/2024 14:20	5.4	265	22	8.3	0.0
3/02/2024 14:30	5.3	271	20	7.7	0.0
3/02/2024 14:40	4.9	270	23	7.8	0.0
3/02/2024 14:50	5.5	273	20	8.1	0.0
3/02/2024 15:00	5.6	270	20	8.7	0.0
3/02/2024 15:10	6.2	271	20	9.2	0.0
3/02/2024 15:20	5.3	275	18	7.9	0.0
3/02/2024 15:30	5.2	273	21	7.9	0.0
3/02/2024 15:40	5.7	274	18	8.7	0.0
3/02/2024 15:50	5.7	274	19	8.8	0.0
3/02/2024 16:00	5.8	275	21	8.5	0.0
3/02/2024 16:10	5.6	275	19	8.6	0.0
3/02/2024 16:20	5.5	275	19	7.9	0.0
3/02/2024 16:30	5.8	277	16	8.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/02/2024 16:40	5.3	278	19	8.7	0.0
3/02/2024 16:50	5.5	276	19	7.9	0.0
3/02/2024 17:00	5.6	273	21	8.7	0.0
3/02/2024 17:10	5.1	272	22	7.5	0.0
3/02/2024 17:20	5.8	270	19	9.1	0.0
3/02/2024 17:30	4.9	272	21	8.0	0.0
3/02/2024 17:40	5.3	269	24	8.8	0.0
3/02/2024 17:50	4.9	271	29	8.3	0.0
3/02/2024 18:00	4.4	264	33	8.2	0.0
3/02/2024 18:10	3.5	257	50	6.5	0.0
3/02/2024 18:20	4.1	260	33	7.1	0.0
3/02/2024 18:30	5.2	265	27	8.2	0.0
3/02/2024 18:40	5.1	271	26	8.0	0.0
3/02/2024 18:50	4.9	266	28	8.8	0.0
3/02/2024 19:00	5.3	273	24	8.1	0.0
3/02/2024 19:10	5.2	273	19	8.1	0.0
3/02/2024 19:20	4.9	274	20	7.5	0.0
3/02/2024 19:30	4.8	269	22	7.9	0.0
3/02/2024 19:40	4.6	269	29	7.5	0.0
3/02/2024 19:50	4.3	269	32	7.2	0.0
3/02/2024 20:00	4.7	270	28	7.9	0.0
3/02/2024 20:10	4.6	268	26	8.7	0.0
3/02/2024 20:20	4.7	269	21	8.0	0.0
3/02/2024 20:30	4.6	268	25	7.7	0.0
3/02/2024 20:40	4.9	268	25	7.3	0.0
3/02/2024 20:50	4.4	267	30	7.8	0.0
3/02/2024 21:00	4.3	265	34	6.9	0.0
3/02/2024 21:10	3.4	251	46	6.3	0.0
3/02/2024 21:20	2.9	245	54	6.1	0.0
3/02/2024 21:30	2.9	225	50	5.6	0.0
3/02/2024 21:40	2.9	218	35	5.7	0.0
3/02/2024 21:50	2.5	216	28	4.3	0.0
3/02/2024 22:00	2.3	248	39	4.4	0.0
3/02/2024 22:10	2.6	205	35	4.8	0.0
3/02/2024 22:20	2.7	256	36	4.5	0.0
3/02/2024 22:30	2.3	261	51	5.1	0.0
3/02/2024 22:40	2.1	247	54	3.7	0.0
3/02/2024 22:50	3.2	273	25	5.2	0.0
3/02/2024 23:00	2.7	253	60	5.7	0.0
3/02/2024 23:10	2.8	257	50	5.3	0.0
3/02/2024 23:20	2.8	261	53	6.0	0.0
3/02/2024 23:30	3.2	254	35	5.6	0.0
3/02/2024 23:40	2.6	244	40	4.6	0.0
3/02/2024 23:50	3.2	267	30	5.3	0.0
4/02/2024 0:00	3.6	273	22	5.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/02/2024 0:10	4.0	268	25	6.4	0.0
4/02/2024 0:20	3.5	266	33	6.7	0.0
4/02/2024 0:30	3.3	264	39	5.8	0.0
4/02/2024 0:40	3.8	270	28	6.0	0.0
4/02/2024 0:50	4.1	269	27	6.8	0.0
4/02/2024 1:00	4.6	268	24	7.4	0.0
4/02/2024 1:10	2.8	264	51	5.6	0.0
4/02/2024 1:20	3.4	268	38	6.0	0.0
4/02/2024 1:30	4.5	270	23	7.5	0.0
4/02/2024 1:40	4.8	265	28	7.9	0.0
4/02/2024 1:50	5.2	268	29	8.6	0.0
4/02/2024 2:00	5.5	269	23	9.3	0.0
4/02/2024 2:10	5.3	268	28	9.1	0.0
4/02/2024 2:20	5.1	273	32	8.3	0.0
4/02/2024 2:30	4.9	266	32	8.2	0.0
4/02/2024 2:40	4.9	261	30	8.7	0.0
4/02/2024 2:50	4.5	267	34	8.5	0.0
4/02/2024 3:00	4.2	267	35	7.8	0.0
4/02/2024 3:10	4.2	271	36	7.4	0.0
4/02/2024 3:20	4.7	264	33	7.5	0.0
4/02/2024 3:30	4.3	261	39	8.3	0.0
4/02/2024 3:40	4.7	267	42	8.6	0.0
4/02/2024 3:50	4.6	261	48	8.5	0.0
4/02/2024 4:00	4.8	263	30	8.2	0.0
4/02/2024 4:10	4.1	263	51	8.3	0.0
4/02/2024 4:20	4.6	267	36	8.1	0.0
4/02/2024 4:30	4.9	270	23	7.2	0.0
4/02/2024 4:40	4.3	264	35	7.1	0.0
4/02/2024 4:50	3.4	241	52	7.5	0.0
4/02/2024 5:00	3.0	242	59	7.7	0.0
4/02/2024 5:10	3.0	240	51	5.6	0.0
4/02/2024 5:20	3.0	236	59	6.3	0.0
4/02/2024 5:30	3.0	240	47	6.2	0.0
4/02/2024 5:40	3.0	259	50	6.0	0.0
4/02/2024 5:50	2.7	228	51	4.9	0.0
4/02/2024 6:00	2.8	229	47	4.8	0.0
4/02/2024 6:10	2.7	224	36	4.7	0.0
4/02/2024 6:20	2.6	254	54	5.2	0.0
4/02/2024 6:30	2.4	242	57	5.3	0.0
4/02/2024 6:40	3.1	232	42	6.8	0.0
4/02/2024 6:50	3.7	255	34	7.8	0.0
4/02/2024 7:00	4.4	261	41	8.7	0.0
4/02/2024 7:10	3.7	249	51	6.8	0.0
4/02/2024 7:20	2.8	239	61	6.4	0.0
4/02/2024 7:30	2.9	256	42	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/02/2024 7:40	3.3	248	42	6.3	0.0
4/02/2024 7:50	3.1	257	60	6.4	0.0
4/02/2024 8:00	3.5	256	44	6.7	0.0
4/02/2024 8:10	3.7	246	38	6.8	0.0
4/02/2024 8:20	3.3	249	48	8.3	0.0
4/02/2024 8:30	3.2	256	43	6.7	0.0
4/02/2024 8:40	3.5	256	49	7.4	0.0
4/02/2024 8:50	3.6	259	38	6.8	0.0
4/02/2024 9:00	3.7	244	39	7.1	0.0
4/02/2024 9:10	2.5	258	55	4.4	0.0
4/02/2024 9:20	4.1	257	39	7.3	0.0
4/02/2024 9:30	4.2	267	32	6.8	0.0
4/02/2024 9:40	3.6	261	40	7.5	0.0
4/02/2024 9:50	4.3	267	30	7.2	0.0
4/02/2024 10:00	4.6	266	28	7.8	0.0
4/02/2024 10:10	4.0	262	36	6.8	0.0
4/02/2024 10:20	3.3	273	35	6.8	0.0
4/02/2024 10:30	4.0	264	32	7.2	0.0
4/02/2024 10:40	4.5	269	28	7.5	0.0
4/02/2024 10:50	5.2	277	21	8.2	0.0
4/02/2024 11:00	4.8	271	21	7.9	0.0
4/02/2024 11:10	4.9	271	21	7.4	0.0
4/02/2024 11:20	5.2	274	20	8.3	0.0
4/02/2024 11:30	5.3	274	21	8.0	0.0
4/02/2024 11:40	5.0	284	20	8.2	0.0
4/02/2024 11:50	4.8	287	25	8.3	0.0
4/02/2024 12:00	5.0	278	22	7.9	0.0
4/02/2024 12:10	5.4	279	23	7.3	0.0
4/02/2024 12:20	4.9	271	25	7.3	0.0
4/02/2024 12:30	4.5	269	28	7.2	0.0
4/02/2024 12:40	4.4	270	27	6.8	0.0
4/02/2024 12:50	4.8	270	24	7.2	0.0
4/02/2024 13:00	4.8	279	22	7.4	0.0
4/02/2024 13:10	5.0	286	25	8.7	0.0
4/02/2024 13:20	5.9	299	20	9.1	0.0
4/02/2024 13:30	4.5	270	24	7.3	0.0
4/02/2024 13:40	5.2	273	20	8.0	0.0
4/02/2024 13:50	4.8	268	22	7.7	0.0
4/02/2024 14:00	4.8	288	26	8.3	0.0
4/02/2024 14:10	4.9	291	22	8.2	0.0
4/02/2024 14:20	5.3	294	23	8.5	0.0
4/02/2024 14:30	4.8	294	23	7.9	0.0
4/02/2024 14:40	6.0	299	18	9.0	0.0
4/02/2024 14:50	6.5	302	18	9.2	0.0
4/02/2024 15:00	6.7	303	15	9.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/02/2024 15:10	5.5	292	21	9.0	0.0
4/02/2024 15:20	5.0	288	22	7.8	0.0
4/02/2024 15:30	5.0	290	24	7.5	0.0
4/02/2024 15:40	5.6	290	23	7.8	0.0
4/02/2024 15:50	5.5	299	19	8.8	0.0
4/02/2024 16:00	6.1	298	19	9.1	0.0
4/02/2024 16:10	5.1	285	23	8.1	0.0
4/02/2024 16:20	5.6	293	23	8.3	0.0
4/02/2024 16:30	5.2	283	24	7.9	0.0
4/02/2024 16:40	5.3	289	22	7.6	0.0
4/02/2024 16:50	5.3	286	23	7.6	0.0
4/02/2024 17:00	5.4	287	20	8.8	0.0
4/02/2024 17:10	5.8	292	22	8.6	0.0
4/02/2024 17:20	5.3	289	25	8.0	0.0
4/02/2024 17:30	5.5	284	23	7.8	0.0
4/02/2024 17:40	5.0	293	24	8.0	0.0
4/02/2024 17:50	5.8	293	25	8.7	0.0
4/02/2024 18:00	5.0	289	22	8.4	0.0
4/02/2024 18:10	4.6	285	21	7.4	0.0
4/02/2024 18:20	4.5	271	22	6.8	0.0
4/02/2024 18:30	5.3	266	20	8.2	0.0
4/02/2024 18:40	5.3	272	21	8.4	0.0
4/02/2024 18:50	5.0	275	23	8.8	0.0
4/02/2024 19:00	5.4	280	20	9.1	0.0
4/02/2024 19:10	4.6	279	20	7.5	0.0
4/02/2024 19:20	4.9	269	20	7.4	0.0
4/02/2024 19:30	4.7	270	23	7.8	0.0
4/02/2024 19:40	4.3	279	23	7.5	0.0
4/02/2024 19:50	4.7	274	23	7.1	0.0
4/02/2024 20:00	5.1	267	21	7.2	0.0
4/02/2024 20:10	5.1	262	19	7.8	0.0
4/02/2024 20:20	4.7	264	24	7.2	0.0
4/02/2024 20:30	5.1	263	22	7.5	0.0
4/02/2024 20:40	5.2	265	22	8.3	0.0
4/02/2024 20:50	5.1	265	21	7.4	0.0
4/02/2024 21:00	5.1	282	19	7.9	0.0
4/02/2024 21:10	4.9	279	19	7.9	0.0
4/02/2024 21:20	5.0	278	19	8.3	0.0
4/02/2024 21:30	5.1	277	23	8.4	0.0
4/02/2024 21:40	4.9	281	19	7.7	0.0
4/02/2024 21:50	4.8	281	19	7.1	0.0
4/02/2024 22:00	4.1	270	25	7.5	0.0
4/02/2024 22:10	4.6	273	22	7.5	0.0
4/02/2024 22:20	4.9	272	20	7.2	0.0
4/02/2024 22:30	5.1	270	28	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/02/2024 22:40	5.0	264	25	7.5	0.0
4/02/2024 22:50	4.5	270	21	7.5	0.0
4/02/2024 23:00	4.1	266	27	7.3	0.0
4/02/2024 23:10	3.7	268	30	6.8	0.0
4/02/2024 23:20	4.4	268	22	7.5	0.0
4/02/2024 23:30	4.8	269	20	7.0	0.0
4/02/2024 23:40	4.3	273	21	6.8	0.0
4/02/2024 23:50	4.4	274	21	6.8	0.0
5/02/2024 0:00	4.0	271	21	6.3	0.0
5/02/2024 0:10	4.4	267	26	6.7	0.0
5/02/2024 0:20	4.4	265	20	7.1	0.0
5/02/2024 0:30	3.7	271	21	6.3	0.0
5/02/2024 0:40	4.0	274	19	6.4	0.0
5/02/2024 0:50	3.5	273	22	5.7	0.0
5/02/2024 1:00	3.6	274	24	5.6	0.0
5/02/2024 1:10	3.2	273	27	5.6	0.0
5/02/2024 1:20	3.3	274	23	5.3	0.0
5/02/2024 1:30	3.0	266	23	4.7	0.0
5/02/2024 1:40	2.7	258	29	4.5	0.0
5/02/2024 1:50	3.1	265	26	5.2	0.0
5/02/2024 2:00	2.8	270	31	4.7	0.0
5/02/2024 2:10	3.2	265	22	5.1	0.0
5/02/2024 2:20	2.9	265	28	5.5	0.0
5/02/2024 2:30	2.7	265	36	4.6	0.0
5/02/2024 2:40	2.3	264	36	3.9	0.0
5/02/2024 2:50	2.0	267	37	4.1	0.0
5/02/2024 3:00	2.0	251	52	5.2	0.0
5/02/2024 3:10	1.5	219	43	3.0	0.0
5/02/2024 3:20	1.0	229	39	2.5	0.0
5/02/2024 3:30	1.3	245	35	3.1	0.0
5/02/2024 3:40	1.2	224	47	2.4	0.0
5/02/2024 3:50	1.0	204	35	2.8	0.0
5/02/2024 4:00	1.4	205	44	2.8	0.0
5/02/2024 4:10	1.7	214	53	3.6	0.0
5/02/2024 4:20	1.7	203	51	3.0	0.0
5/02/2024 4:30	1.8	224	47	3.7	0.0
5/02/2024 4:40	1.5	210	41	2.8	0.0
5/02/2024 4:50	1.4	225	78	2.7	0.0
5/02/2024 5:00	1.4	219	68	3.0	0.0
5/02/2024 5:10	1.1	233	82	2.6	0.0
5/02/2024 5:20	1.4	232	50	3.3	0.0
5/02/2024 5:30	1.3	220	51	3.0	0.0
5/02/2024 5:40	1.4	212	46	2.7	0.0
5/02/2024 5:50	1.6	233	55	4.4	0.0
5/02/2024 6:00	1.5	213	62	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/02/2024 6:10	1.6	230	54	3.0	0.0
5/02/2024 6:20	2.4	249	53	5.8	0.0
5/02/2024 6:30	1.1	264	45	2.7	0.0
5/02/2024 6:40	0.6	254	30	3.6	0.0
5/02/2024 6:50	2.2	235	58	4.5	0.0
5/02/2024 7:00	1.8	265	42	4.7	0.0
5/02/2024 7:10	0.9	273	9	4.6	0.0
5/02/2024 7:20	2.7	257	39	4.8	0.0
5/02/2024 7:30	1.6	258	37	4.3	0.0
5/02/2024 7:40					0.0
5/02/2024 7:50	2.0	244	26	6.6	0.0
5/02/2024 8:00	2.4	252	39	4.6	0.0
5/02/2024 8:10	2.8	266	35	5.6	0.0
5/02/2024 8:20	1.2	242	18	3.3	0.0
5/02/2024 8:30					0.0
5/02/2024 8:40					0.0
5/02/2024 8:50					0.0
5/02/2024 9:00					0.0
5/02/2024 9:10					0.0
5/02/2024 9:20					0.0
5/02/2024 9:30					0.0
5/02/2024 9:40					0.0
5/02/2024 9:50					0.0
5/02/2024 10:00					0.0
5/02/2024 10:10					0.0
5/02/2024 10:20					0.0
5/02/2024 10:30					0.0
5/02/2024 10:40					0.0
5/02/2024 10:50					0.0
5/02/2024 11:00					0.0
5/02/2024 11:10					0.0
5/02/2024 11:20					0.0
5/02/2024 11:30					0.0
5/02/2024 11:40					0.0
5/02/2024 11:50					0.0
5/02/2024 12:00					0.0
5/02/2024 12:10					0.0
5/02/2024 12:20					0.0
5/02/2024 12:30	0.5	263	10	4.2	0.0
5/02/2024 12:40	0.3	265	6	2.0	0.0
5/02/2024 12:50	0.1	277	7	2.0	0.0
5/02/2024 13:00	1.0	267	15	4.1	0.0
5/02/2024 13:10	0.5	256	14	3.9	0.0
5/02/2024 13:20	1.0	272	9	5.1	0.0
5/02/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/02/2024 13:40	0.0	253	0	0.4	0.0
5/02/2024 13:50	0.1	277	5	3.0	0.0
5/02/2024 14:00	0.0	238	0	0.4	0.0
5/02/2024 14:10	1.7	287	14	5.7	0.0
5/02/2024 14:20	0.0	272	2	1.6	0.0
5/02/2024 14:30	2.4	267	17	6.4	0.0
5/02/2024 14:40	3.6	274	19	6.8	0.0
5/02/2024 14:50	0.8	289	12	5.2	0.0
5/02/2024 15:00					0.0
5/02/2024 15:10	2.9	267	16	6.0	0.0
5/02/2024 15:20	3.7	276	19	6.6	0.0
5/02/2024 15:30	3.2	274	15	5.9	0.0
5/02/2024 15:40	2.4	281	14	5.6	0.0
5/02/2024 15:50					0.0
5/02/2024 16:00					0.0
5/02/2024 16:10					0.0
5/02/2024 16:20					0.0
5/02/2024 16:30					0.0
5/02/2024 16:40					0.0
5/02/2024 16:50					0.0
5/02/2024 17:00					0.0
5/02/2024 17:10					0.0
5/02/2024 17:20					0.0
5/02/2024 17:30					0.0
5/02/2024 17:40					0.0
5/02/2024 17:50					0.0
5/02/2024 18:00					0.0
5/02/2024 18:10	3.7	275	17	6.8	0.0
5/02/2024 18:20	3.7	278	21	6.3	0.0
5/02/2024 18:30					0.0
5/02/2024 18:40	4.0	275	18	6.2	0.0
5/02/2024 18:50	3.8	275	26	6.8	0.0
5/02/2024 19:00	3.7	268	21	6.4	0.0
5/02/2024 19:10	3.3	269	23	6.2	0.0
5/02/2024 19:20	3.5	274	22	6.3	0.0
5/02/2024 19:30	2.8	268	22	5.6	0.0
5/02/2024 19:40	3.0	273	20	5.6	0.0
5/02/2024 19:50	2.7	262	32	5.5	0.0
5/02/2024 20:00	3.3	265	32	6.4	0.0
5/02/2024 20:10	2.9	270	30	5.2	0.0
5/02/2024 20:20	3.1	273	34	5.6	0.0
5/02/2024 20:30	2.9	273	29	5.7	0.0
5/02/2024 20:40	2.2	268	51	4.4	0.0
5/02/2024 20:50	3.0	264	34	6.0	0.0
5/02/2024 21:00	2.6	273	43	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/02/2024 21:10	2.9	264	42	6.3	0.0
5/02/2024 21:20	3.0	265	32	5.8	0.0
5/02/2024 21:30	2.6	256	59	5.6	0.0
5/02/2024 21:40	2.7	268	38	5.9	0.0
5/02/2024 21:50	3.1	253	43	6.7	0.0
5/02/2024 22:00	2.3	242	54	5.7	0.0
5/02/2024 22:10	2.7	266	27	6.8	0.0
5/02/2024 22:20	2.7	270	45	5.8	0.0
5/02/2024 22:30	2.0	269	19	4.9	0.0
5/02/2024 22:40	3.4	269	22	6.3	0.0
5/02/2024 22:50	3.1	263	24	5.9	0.0
5/02/2024 23:00	2.6	270	32	5.6	0.0
5/02/2024 23:10	2.7	260	37	5.6	0.0
5/02/2024 23:20	2.8	268	49	6.1	0.0
5/02/2024 23:30	2.7	272	40	5.5	0.0
5/02/2024 23:40	2.1	241	62	5.0	0.0
5/02/2024 23:50	2.0	225	67	4.0	0.0
6/02/2024 0:00	2.2	238	51	4.0	0.0
6/02/2024 0:10	2.4	238	45	4.8	0.0
6/02/2024 0:20	2.3	261	39	4.9	0.0
6/02/2024 0:30	2.4	261	41	4.4	0.0
6/02/2024 0:40	2.6	263	38	4.8	0.0
6/02/2024 0:50	2.1	253	45	3.7	0.0
6/02/2024 1:00	2.2	256	45	4.8	0.0
6/02/2024 1:10	2.7	265	36	5.4	0.0
6/02/2024 1:20	2.4	261	39	4.7	0.0
6/02/2024 1:30	2.6	248	40	5.1	0.0
6/02/2024 1:40	2.7	257	34	4.7	0.0
6/02/2024 1:50	2.3	245	41	4.6	0.0
6/02/2024 2:00	2.5	262	37	4.4	0.0
6/02/2024 2:10	2.0	256	36	4.1	0.0
6/02/2024 2:20	2.6	269	25	4.8	0.0
6/02/2024 2:30	2.0	248	58	4.3	0.0
6/02/2024 2:40	1.6	236	75	3.6	0.0
6/02/2024 2:50	1.6	211	56	3.1	0.0
6/02/2024 3:00	1.3	190	33	2.4	0.0
6/02/2024 3:10	2.4	191	13	3.9	0.0
6/02/2024 3:20	2.0	255	44	3.8	0.0
6/02/2024 3:30	2.0	193	25	3.6	0.0
6/02/2024 3:40	2.4	213	28	3.9	0.0
6/02/2024 3:50	2.3	199	24	3.8	0.0
6/02/2024 4:00	1.7	263	26	2.8	0.0
6/02/2024 4:10	1.6	225	38	3.2	0.0
6/02/2024 4:20	1.5	272	26	3.2	0.0
6/02/2024 4:30	1.4	259	28	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/02/2024 4:40	0.9	265	20	2.1	0.0
6/02/2024 4:50	0.8	262	29	1.9	0.0
6/02/2024 5:00	1.6	245	31	3.2	0.0
6/02/2024 5:10	1.5	200	29	2.5	0.0
6/02/2024 5:20	0.8	251	34	2.4	0.0
6/02/2024 5:30	1.6	252	39	2.5	0.0
6/02/2024 5:40	1.4	231	34	2.3	0.0
6/02/2024 5:50	1.5	235	39	2.6	0.0
6/02/2024 6:00	1.3	214	41	2.8	0.0
6/02/2024 6:10	1.2	209	32	2.3	0.0
6/02/2024 6:20	1.7	203	20	3.0	0.0
6/02/2024 6:30	1.6	203	11	3.5	0.0
6/02/2024 6:40	2.7	202	11	4.0	0.0
6/02/2024 6:50	3.1	202	10	5.1	0.0
6/02/2024 7:00	0.3	185	1	2.8	0.0
6/02/2024 7:10	0.4	193	6	2.4	0.0
6/02/2024 7:20	0.4	195	3	2.5	0.0
6/02/2024 7:30					0.0
6/02/2024 7:40	1.8	159	19	4.3	0.0
6/02/2024 7:50	1.8	151	21	3.6	0.0
6/02/2024 8:00	2.3	123	30	3.6	0.0
6/02/2024 8:10	2.6	143	26	4.0	0.0
6/02/2024 8:20	2.8	117	24	4.6	0.0
6/02/2024 8:30	3.2	115	17	5.1	0.0
6/02/2024 8:40	3.0	88	19	4.4	0.0
6/02/2024 8:50	3.3	75	15	5.1	0.0
6/02/2024 9:00	3.7	73	17	5.2	0.0
6/02/2024 9:10	4.2	78	15	6.0	0.0
6/02/2024 9:20	0.6	76	6	6.5	0.0
6/02/2024 9:30					0.0
6/02/2024 9:40	3.5	57	10	7.7	0.0
6/02/2024 9:50	4.9	58	12	7.5	0.0
6/02/2024 10:00	5.7	57	11	7.8	0.0
6/02/2024 10:10	5.3	54	13	7.2	0.0
6/02/2024 10:20	5.0	53	14	7.2	0.0
6/02/2024 10:30	5.3	46	14	7.9	0.0
6/02/2024 10:40	4.8	50	12	7.2	0.0
6/02/2024 10:50	5.6	49	12	7.6	0.0
6/02/2024 11:00	5.0	42	13	7.5	0.0
6/02/2024 11:10	5.5	41	12	7.3	0.0
6/02/2024 11:20	4.9	43	14	7.4	0.0
6/02/2024 11:30	5.4	39	13	7.1	0.0
6/02/2024 11:40	4.1	44	14	6.7	0.0
6/02/2024 11:50	4.5	51	13	6.3	0.0
6/02/2024 12:00	4.4	55	15	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/02/2024 12:10	4.4	57	12	6.0	0.0
6/02/2024 12:20	4.2	48	13	6.0	0.0
6/02/2024 12:30	4.3	52	14	5.6	0.0
6/02/2024 12:40	4.0	57	15	5.9	0.0
6/02/2024 12:50	4.1	47	17	6.0	0.0
6/02/2024 13:00	3.6	34	20	6.1	0.0
6/02/2024 13:10	3.4	44	22	5.9	0.0
6/02/2024 13:20	3.1	14	31	5.6	0.0
6/02/2024 13:30	3.1	180	37	6.5	0.0
6/02/2024 13:40	2.9	349	30	5.1	0.0
6/02/2024 13:50	3.8	351	18	7.3	0.0
6/02/2024 14:00	3.9	342	18	8.5	0.0
6/02/2024 14:10	4.0	345	18	6.0	0.0
6/02/2024 14:20	3.9	348	17	7.4	0.0
6/02/2024 14:30	3.6	343	21	6.4	0.0
6/02/2024 14:40	4.0	347	24	6.0	0.0
6/02/2024 14:50	4.1	350	21	6.9	0.0
6/02/2024 15:00	4.2	343	16	6.5	0.0
6/02/2024 15:10	3.8	354	21	6.0	0.0
6/02/2024 15:20	4.1	348	17	6.6	0.0
6/02/2024 15:30	3.8	348	17	6.3	0.0
6/02/2024 15:40	2.3	345	17	5.1	0.0
6/02/2024 15:50	3.5	344	18	7.1	0.0
6/02/2024 16:00	2.8	341	18	5.6	0.0
6/02/2024 16:10	2.2	338	15	5.6	0.0
6/02/2024 16:20	3.7	337	16	6.0	0.0
6/02/2024 16:30	4.2	337	18	6.4	0.0
6/02/2024 16:40	4.3	347	16	6.3	0.0
6/02/2024 16:50	4.0	347	21	6.4	0.0
6/02/2024 17:00	4.2	338	13	6.7	0.0
6/02/2024 17:10	4.0	325	14	8.3	0.0
6/02/2024 17:20	3.6	333	21	5.6	0.0
6/02/2024 17:30	2.9	320	19	4.8	0.0
6/02/2024 17:40	3.2	330	16	4.8	0.0
6/02/2024 17:50	3.3	328	20	4.8	0.0
6/02/2024 18:00	2.9	329	20	4.4	0.0
6/02/2024 18:10	2.9	329	18	4.5	0.0
6/02/2024 18:20	2.7	318	19	4.6	0.0
6/02/2024 18:30	2.7	297	20	4.2	0.0
6/02/2024 18:40	2.9	282	19	4.4	0.0
6/02/2024 18:50	3.4	276	18	4.9	0.0
6/02/2024 19:00	2.9	294	20	4.8	0.0
6/02/2024 19:10	3.3	266	18	5.2	0.0
6/02/2024 19:20	3.5	269	18	5.2	0.0
6/02/2024 19:30	3.4	268	14	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/02/2024 19:40	3.8	268	16	5.2	0.0
6/02/2024 19:50	3.6	268	15	5.2	0.0
6/02/2024 20:00	3.7	277	16	5.0	0.0
6/02/2024 20:10	3.5	276	16	5.4	0.0
6/02/2024 20:20	3.6	279	16	4.8	0.0
6/02/2024 20:30	3.9	284	19	5.5	0.0
6/02/2024 20:40	3.7	279	15	5.4	0.0
6/02/2024 20:50	3.5	278	15	5.3	0.0
6/02/2024 21:00	3.2	278	17	5.1	0.0
6/02/2024 21:10	3.6	275	16	5.4	0.0
6/02/2024 21:20	3.5	273	14	5.0	0.0
6/02/2024 21:30	3.4	274	16	4.5	0.0
6/02/2024 21:40	3.3	269	15	4.7	0.0
6/02/2024 21:50	3.2	275	15	4.6	0.0
6/02/2024 22:00	3.4	270	17	4.9	0.0
6/02/2024 22:10	2.9	275	17	4.1	0.0
6/02/2024 22:20	2.5	267	24	3.8	0.0
6/02/2024 22:30	1.8	261	33	3.2	0.0
6/02/2024 22:40	2.5	193	16	3.6	0.0
6/02/2024 22:50	1.6	237	32	2.4	0.0
6/02/2024 23:00	1.4	278	25	2.1	0.0
6/02/2024 23:10	0.9	255	30	2.4	0.0
6/02/2024 23:20	1.2	266	24	2.0	0.0
6/02/2024 23:30	0.8	248	22	1.8	0.0
6/02/2024 23:40	1.3	275	23	1.9	0.0
6/02/2024 23:50	1.2	253	40	2.3	0.0
7/02/2024 0:00	1.7	275	15	2.5	0.0
7/02/2024 0:10	1.8	274	19	2.8	0.0
7/02/2024 0:20	1.8	277	19	2.9	0.0
7/02/2024 0:30	2.2	285	16	3.3	0.0
7/02/2024 0:40	2.1	273	18	3.0	0.0
7/02/2024 0:50	1.8	278	20	2.8	0.0
7/02/2024 1:00	2.0	283	16	2.8	0.0
7/02/2024 1:10	2.0	273	21	3.4	0.0
7/02/2024 1:20	1.6	270	22	2.8	0.0
7/02/2024 1:30	1.6	269	25	2.6	0.0
7/02/2024 1:40	1.4	271	25	2.4	0.0
7/02/2024 1:50	1.5	271	22	2.6	0.0
7/02/2024 2:00	1.6	271	32	2.4	0.0
7/02/2024 2:10	1.4	260	28	2.1	0.0
7/02/2024 2:20	1.3	203	39	2.1	0.0
7/02/2024 2:30	0.9	209	13	2.0	0.0
7/02/2024 2:40	1.9	196	16	3.3	0.0
7/02/2024 2:50	1.6	203	22	3.0	0.0
7/02/2024 3:00	1.8	214	28	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/02/2024 3:10	1.4	201	30	2.4	0.0
7/02/2024 3:20	1.1	203	22	2.7	0.0
7/02/2024 3:30	1.1	227	37	2.4	0.0
7/02/2024 3:40	1.1	254	34	2.5	0.0
7/02/2024 3:50	1.9	198	19	3.1	0.0
7/02/2024 4:00	2.7	199	14	4.0	0.0
7/02/2024 4:10	2.8	195	10	3.6	0.0
7/02/2024 4:20	2.4	198	15	3.4	0.0
7/02/2024 4:30	2.4	199	13	3.4	0.0
7/02/2024 4:40	2.4	184	18	3.5	0.0
7/02/2024 4:50	2.1	195	19	3.3	0.0
7/02/2024 5:00	1.8	203	26	2.6	0.0
7/02/2024 5:10	1.6	191	21	2.5	0.0
7/02/2024 5:20	1.2	244	36	2.4	0.0
7/02/2024 5:30	0.9	246	27	2.1	0.0
7/02/2024 5:40	1.6	241	20	2.4	0.0
7/02/2024 5:50	1.4	267	26	2.3	0.0
7/02/2024 6:00	1.5	272	16	2.2	0.0
7/02/2024 6:10	0.9	230	29	1.7	0.0
7/02/2024 6:20	1.5	200	20	2.5	0.0
7/02/2024 6:30	1.2	197	16	2.7	0.0
7/02/2024 6:40	1.8	195	13	2.8	0.0
7/02/2024 6:50	2.1	195	14	3.0	0.0
7/02/2024 7:00	1.4	205	27	2.3	0.0
7/02/2024 7:10	1.3	205	28	2.4	0.0
7/02/2024 7:20	1.4	211	30	2.8	0.0
7/02/2024 7:30	0.9	202	23	2.0	0.0
7/02/2024 7:40					0.0
7/02/2024 7:50					0.0
7/02/2024 8:00					0.0
7/02/2024 8:10					0.0
7/02/2024 8:20	0.2	168	5	2.4	0.0
7/02/2024 8:30	0.3	215	31	1.5	0.0
7/02/2024 8:40	1.7	191	25	2.9	0.0
7/02/2024 8:50	1.2	165	44	2.9	0.0
7/02/2024 9:00	1.7	151	27	3.0	0.0
7/02/2024 9:10	1.4	149	39	3.6	0.0
7/02/2024 9:20	0.6	118	33	3.6	0.0
7/02/2024 9:30	0.3	105	27	2.0	0.0
7/02/2024 9:40	0.1	155	11	1.1	0.0
7/02/2024 9:50	1.7	83	30	3.1	0.0
7/02/2024 10:00	0.6	53	10	2.8	0.0
7/02/2024 10:10	0.1	52	4	1.4	0.0
7/02/2024 10:20	1.1	62	15	2.8	0.0
7/02/2024 10:30	1.8	55	12	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/02/2024 10:40	1.0	57	16	2.5	0.0
7/02/2024 10:50	0.0	40	1	0.8	0.0
7/02/2024 11:00					0.0
7/02/2024 11:10	0.3	29	10	2.5	0.0
7/02/2024 11:20	0.3	53	16	2.2	0.0
7/02/2024 11:30					0.0
7/02/2024 11:40					0.0
7/02/2024 11:50					0.0
7/02/2024 12:00					0.0
7/02/2024 12:10					0.0
7/02/2024 12:20					0.0
7/02/2024 12:30					0.0
7/02/2024 12:40					0.0
7/02/2024 12:50					0.0
7/02/2024 13:00					0.0
7/02/2024 13:10	0.9	44	7	5.6	0.0
7/02/2024 13:20	0.1	55	2	1.6	0.0
7/02/2024 13:30					0.0
7/02/2024 13:40	0.7	34	8	4.0	0.0
7/02/2024 13:50	0.4	55	6	3.2	0.0
7/02/2024 14:00					0.0
7/02/2024 14:10	0.3	39	8	3.5	0.0
7/02/2024 14:20	2.7	21	24	4.8	0.0
7/02/2024 14:30	3.6	355	18	6.1	0.0
7/02/2024 14:40	4.2	178	19	6.8	0.0
7/02/2024 14:50	3.2	168	25	6.0	0.0
7/02/2024 15:00	3.8	354	18	5.8	0.0
7/02/2024 15:10	0.4	347	7	3.2	0.0
7/02/2024 15:20	3.9	338	12	5.4	0.0
7/02/2024 15:30	3.8	342	20	5.6	0.0
7/02/2024 15:40	4.6	343	15	6.6	0.0
7/02/2024 15:50	3.7	341	19	5.3	0.0
7/02/2024 16:00	4.0	339	16	6.4	0.0
7/02/2024 16:10	4.1	338	14	6.1	0.0
7/02/2024 16:20	3.7	325	20	5.7	0.0
7/02/2024 16:30	3.6	320	17	5.7	0.0
7/02/2024 16:40	2.9	314	22	5.7	0.0
7/02/2024 16:50	1.6	314	10	5.6	0.0
7/02/2024 17:00	3.4	319	23	5.4	0.0
7/02/2024 17:10	3.9	330	15	6.1	0.0
7/02/2024 17:20	4.0	332	15	5.9	0.0
7/02/2024 17:30	4.0	326	13	5.6	0.0
7/02/2024 17:40	3.9	334	13	5.6	0.0
7/02/2024 17:50	3.9	334	15	6.0	0.0
7/02/2024 18:00	3.2	337	13	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/02/2024 18:10	3.1	319	21	4.7	0.0
7/02/2024 18:20	3.1	285	16	4.8	0.0
7/02/2024 18:30	2.5	280	16	4.8	0.0
7/02/2024 18:40	3.1	279	18	6.1	0.0
7/02/2024 18:50	3.0	273	23	5.0	0.0
7/02/2024 19:00	3.0	275	20	5.0	0.0
7/02/2024 19:10	3.2	268	16	5.2	0.0
7/02/2024 19:20	3.4	265	16	5.5	0.0
7/02/2024 19:30	3.7	270	16	5.8	0.0
7/02/2024 19:40	3.2	272	19	6.2	0.0
7/02/2024 19:50	3.0	279	16	4.4	0.0
7/02/2024 20:00	3.2	268	19	5.1	0.0
7/02/2024 20:10	3.1	268	20	5.5	0.0
7/02/2024 20:20	3.5	272	16	5.0	0.0
7/02/2024 20:30	3.3	274	17	5.5	0.0
7/02/2024 20:40	3.3	270	16	5.0	0.0
7/02/2024 20:50	3.0	276	19	4.8	0.0
7/02/2024 21:00	3.0	272	24	4.9	0.0
7/02/2024 21:10	3.1	277	19	4.9	0.0
7/02/2024 21:20	3.3	277	15	5.2	0.0
7/02/2024 21:30	2.8	274	18	4.8	0.0
7/02/2024 21:40	2.3	270	26	4.3	0.0
7/02/2024 21:50	2.5	267	27	4.0	0.0
7/02/2024 22:00	2.3	256	32	4.0	0.0
7/02/2024 22:10	2.2	243	36	4.0	0.0
7/02/2024 22:20	2.2	253	28	3.6	0.0
7/02/2024 22:30	2.4	253	32	3.9	0.0
7/02/2024 22:40	1.9	258	32	3.3	0.0
7/02/2024 22:50	2.4	276	19	3.6	0.0
7/02/2024 23:00	2.1	272	19	4.0	0.0
7/02/2024 23:10	1.4	251	36	2.8	0.0
7/02/2024 23:20	1.6	214	43	3.0	0.0
7/02/2024 23:30	1.2	224	51	2.6	0.0
7/02/2024 23:40	1.0	234	46	2.8	0.0
7/02/2024 23:50	1.2	206	32	2.4	0.0
8/02/2024 0:00	1.5	202	46	3.1	0.0
8/02/2024 0:10	1.3	214	39	2.9	0.0
8/02/2024 0:20	2.8	203	27	4.8	0.0
8/02/2024 0:30	3.8	196	18	5.6	0.0
8/02/2024 0:40	3.3	200	16	5.4	0.0
8/02/2024 0:50	3.9	175	13	5.3	0.0
8/02/2024 1:00	3.6	186	13	5.2	0.0
8/02/2024 1:10	3.6	187	13	5.2	0.0
8/02/2024 1:20	3.2	187	14	4.4	0.0
8/02/2024 1:30	2.9	192	13	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/02/2024 1:40	3.4	187	11	5.8	0.0
8/02/2024 1:50	3.7	189	14	5.2	0.0
8/02/2024 2:00	3.8	191	13	5.5	0.0
8/02/2024 2:10	4.0	194	11	5.4	0.0
8/02/2024 2:20	4.2	192	12	5.6	0.0
8/02/2024 2:30	2.7	193	8	4.8	0.0
8/02/2024 2:40	2.1	190	9	4.4	0.0
8/02/2024 2:50	2.1	186	10	4.6	0.0
8/02/2024 3:00	3.5	186	12	5.1	0.0
8/02/2024 3:10	4.5	189	11	5.9	0.0
8/02/2024 3:20	4.9	190	10	6.0	0.0
8/02/2024 3:30	5.6	189	10	7.1	0.0
8/02/2024 3:40	4.9	187	11	6.9	0.0
8/02/2024 3:50	2.8	181	13	6.6	0.0
8/02/2024 4:00	3.7	185	14	6.0	0.0
8/02/2024 4:10	3.6	192	21	6.2	0.0
8/02/2024 4:20	1.5	189	10	4.4	0.0
8/02/2024 4:30	2.4	259	38	4.4	0.0
8/02/2024 4:40	2.0	253	43	3.3	0.0
8/02/2024 4:50	1.6	271	10	2.4	0.0
8/02/2024 5:00	0.3	294	20	2.8	0.0
8/02/2024 5:10					0.0
8/02/2024 5:20	2.8	179	14	3.9	0.0
8/02/2024 5:30	2.6	196	10	4.2	0.0
8/02/2024 5:40	3.2	196	15	4.5	0.0
8/02/2024 5:50	2.8	193	12	4.8	0.0
8/02/2024 6:00	2.5	191	7	4.9	0.0
8/02/2024 6:10	2.3	198	10	4.3	0.0
8/02/2024 6:20	2.0	197	9	5.7	0.0
8/02/2024 6:30	3.3	199	10	5.6	0.0
8/02/2024 6:40	2.9	202	9	4.6	0.0
8/02/2024 6:50	2.8	206	14	6.7	0.0
8/02/2024 7:00	1.1	210	10	4.0	0.0
8/02/2024 7:10	2.3	219	24	3.9	0.0
8/02/2024 7:20	1.8	226	30	3.0	0.0
8/02/2024 7:30	3.3	208	16	4.8	0.0
8/02/2024 7:40	1.3	206	7	4.6	0.0
8/02/2024 7:50	0.2	195	9	3.6	0.0
8/02/2024 8:00	3.6	200	12	5.8	0.0
8/02/2024 8:10	1.2	200	8	5.5	0.0
8/02/2024 8:20	3.4	195	10	6.0	0.0
8/02/2024 8:30	2.8	194	9	6.2	0.0
8/02/2024 8:40	4.3	198	10	6.0	0.0
8/02/2024 8:50	3.3	193	11	5.9	0.0
8/02/2024 9:00	1.0	184	11	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/02/2024 9:10	1.5	127	19	5.3	0.0
8/02/2024 9:20	0.9	117	14	4.2	0.0
8/02/2024 9:30	2.8	110	37	4.9	0.0
8/02/2024 9:40	2.7	125	27	5.2	0.0
8/02/2024 9:50	2.5	118	26	4.4	0.0
8/02/2024 10:00	0.6	123	13	3.8	0.0
8/02/2024 10:10	1.2	94	15	3.9	0.0
8/02/2024 10:20	0.5	60	8	2.8	0.0
8/02/2024 10:30	1.4	49	16	3.2	0.0
8/02/2024 10:40					0.0
8/02/2024 10:50	0.1	17	15	1.7	0.0
8/02/2024 11:00	1.5	43	7	4.9	0.0
8/02/2024 11:10					0.0
8/02/2024 11:20					0.0
8/02/2024 11:30					0.0
8/02/2024 11:40					0.0
8/02/2024 11:50					0.0
8/02/2024 12:00					0.0
8/02/2024 12:10					0.0
8/02/2024 12:20					0.0
8/02/2024 12:30					0.0
8/02/2024 12:40					0.0
8/02/2024 12:50					0.0
8/02/2024 13:00					0.0
8/02/2024 13:10					0.0
8/02/2024 13:20	2.5	44	9	5.4	0.0
8/02/2024 13:30	2.5	45	9	5.7	0.0
8/02/2024 13:40					0.0
8/02/2024 13:50					0.0
8/02/2024 14:00					0.0
8/02/2024 14:10					0.0
8/02/2024 14:20					0.0
8/02/2024 14:30					0.0
8/02/2024 14:40					0.0
8/02/2024 14:50					0.0
8/02/2024 15:00					0.0
8/02/2024 15:10					0.0
8/02/2024 15:20					0.0
8/02/2024 15:30					0.0
8/02/2024 15:40					0.0
8/02/2024 15:50					0.0
8/02/2024 16:00					0.0
8/02/2024 16:10					0.0
8/02/2024 16:20					0.0
8/02/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/02/2024 16:40					0.0
8/02/2024 16:50					0.0
8/02/2024 17:00					0.0
8/02/2024 17:10					0.0
8/02/2024 17:20					0.0
8/02/2024 17:30					0.0
8/02/2024 17:40					0.0
8/02/2024 17:50					0.0
8/02/2024 18:00					0.0
8/02/2024 18:10					0.0
8/02/2024 18:20					0.0
8/02/2024 18:30					0.0
8/02/2024 18:40	2.0	277	13	4.4	0.0
8/02/2024 18:50	1.5	276	14	3.7	0.0
8/02/2024 19:00	1.7	275	15	6.2	0.0
8/02/2024 19:10	0.7	263	14	3.2	0.0
8/02/2024 19:20	0.0	267	0	0.4	0.0
8/02/2024 19:30					0.0
8/02/2024 19:40	1.3	269	13	4.4	0.0
8/02/2024 19:50	1.9	273	29	5.6	0.0
8/02/2024 20:00	1.0	249	31	3.5	0.0
8/02/2024 20:10	1.2	256	33	4.4	0.0
8/02/2024 20:20	1.2	251	43	3.2	0.0
8/02/2024 20:30	0.8	203	50	2.4	0.0
8/02/2024 20:40	0.7	241	36	2.1	0.0
8/02/2024 20:50	1.7	239	29	4.5	0.0
8/02/2024 21:00	0.4	262	21	2.2	0.0
8/02/2024 21:10					0.0
8/02/2024 21:20					0.0
8/02/2024 21:30					0.0
8/02/2024 21:40					0.0
8/02/2024 21:50	1.5	204	28	4.9	0.0
8/02/2024 22:00					0.0
8/02/2024 22:10					0.0
8/02/2024 22:20					0.0
8/02/2024 22:30	1.6	245	54	3.3	0.0
8/02/2024 22:40	2.4	234	45	5.0	0.0
8/02/2024 22:50	0.6	243	19	4.1	0.0
8/02/2024 23:00	0.1	243	6	1.6	0.0
8/02/2024 23:10	0.1	181	1	2.5	0.0
8/02/2024 23:20	2.5	217	47	4.8	0.0
8/02/2024 23:30	2.6	222	32	5.7	0.0
8/02/2024 23:40	2.5	218	30	7.3	0.0
8/02/2024 23:50	0.9	212	22	4.1	0.0
9/02/2024 0:00	1.1	207	19	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/02/2024 0:10	0.9	234	32	4.3	0.0
9/02/2024 0:20	0.4	189	4	4.0	0.0
9/02/2024 0:30	1.5	194	29	6.1	0.0
9/02/2024 0:40	2.4	41	21	6.5	0.0
9/02/2024 0:50	0.9	239	53	4.8	0.0
9/02/2024 1:00	0.9	155	16	4.2	0.0
9/02/2024 1:10	0.9	94	21	3.2	0.0
9/02/2024 1:20					0.0
9/02/2024 1:30	0.1	24	7	0.7	0.0
9/02/2024 1:40	0.2	61	3	2.8	0.0
9/02/2024 1:50	0.6	74	12	2.5	0.0
9/02/2024 2:00	1.3	160	26	3.2	0.0
9/02/2024 2:10	1.2	171	19	5.5	0.0
9/02/2024 2:20	0.5	337	14	1.6	0.0
9/02/2024 2:30	0.1	11	5	1.1	0.0
9/02/2024 2:40	0.0	336	2	0.9	0.0
9/02/2024 2:50	0.0	24	1	0.9	0.0
9/02/2024 3:00	0.2	71	20	2.1	0.0
9/02/2024 3:10	1.0	37	13	4.8	0.0
9/02/2024 3:20	1.5	31	10	6.4	0.0
9/02/2024 3:30	1.6	27	10	7.0	0.0
9/02/2024 3:40	0.8	36	6	5.4	0.0
9/02/2024 3:50	1.2	37	10	6.0	0.0
9/02/2024 4:00	1.5	29	9	5.6	0.0
9/02/2024 4:10	0.5	17	6	3.6	0.0
9/02/2024 4:20	0.2	5	7	3.3	0.0
9/02/2024 4:30					0.0
9/02/2024 4:40					0.0
9/02/2024 4:50	0.1	307	10	1.6	0.0
9/02/2024 5:00	0.1	260	1	3.3	0.0
9/02/2024 5:10	0.1	290	6	2.0	0.0
9/02/2024 5:20	0.1	278	11	2.0	0.0
9/02/2024 5:30	0.9	290	15	3.5	0.0
9/02/2024 5:40	0.1	284	7	1.6	0.0
9/02/2024 5:50	0.2	261	10	2.0	0.0
9/02/2024 6:00	0.5	259	8	3.8	0.0
9/02/2024 6:10	0.4	273	6	2.9	0.0
9/02/2024 6:20	0.2	254	8	3.6	0.0
9/02/2024 6:30	1.0	248	54	2.8	0.0
9/02/2024 6:40	0.2	235	11	2.2	0.0
9/02/2024 6:50	1.4	277	18	2.4	0.0
9/02/2024 7:00	1.1	262	34	2.8	0.0
9/02/2024 7:10	0.9	265	30	1.9	0.0
9/02/2024 7:20	1.3	268	16	2.4	0.0
9/02/2024 7:30	0.9	255	34	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/02/2024 7:40	0.5	276	13	2.1	0.0
9/02/2024 7:50	0.5	257	22	2.0	0.0
9/02/2024 8:00	0.9	244	36	2.4	0.0
9/02/2024 8:10	0.6	286	22	2.6	0.0
9/02/2024 8:20	0.6	307	11	2.3	0.0
9/02/2024 8:30	0.4	304	21	1.7	0.0
9/02/2024 8:40	0.2	166	11	2.0	0.0
9/02/2024 8:50	0.3	201	10	2.1	0.0
9/02/2024 9:00					0.0
9/02/2024 9:10	0.4	132	6	2.3	0.0
9/02/2024 9:20	1.8	95	15	3.7	0.0
9/02/2024 9:30	1.4	79	12	3.3	0.0
9/02/2024 9:40	2.0	65	12	4.7	0.0
9/02/2024 9:50	3.9	54	9	4.9	0.0
9/02/2024 10:00	3.6	64	10	4.8	0.0
9/02/2024 10:10	2.8	54	14	4.2	0.0
9/02/2024 10:20	2.8	62	15	3.8	0.0
9/02/2024 10:30	1.9	65	8	3.4	0.0
9/02/2024 10:40	0.1	67	3	1.6	0.0
9/02/2024 10:50	1.3	54	8	4.8	0.0
9/02/2024 11:00	0.4	67	5	2.9	0.0
9/02/2024 11:10	0.0	49	2	1.6	0.0
9/02/2024 11:20	0.2	72	2	2.5	0.0
9/02/2024 11:30					0.0
9/02/2024 11:40					0.0
9/02/2024 11:50	0.8	57	7	4.1	0.0
9/02/2024 12:00	2.7	56	11	4.9	0.0
9/02/2024 12:10	0.9	66	9	5.1	0.0
9/02/2024 12:20					0.0
9/02/2024 12:30					0.0
9/02/2024 12:40					0.0
9/02/2024 12:50					0.0
9/02/2024 13:00					0.0
9/02/2024 13:10					0.0
9/02/2024 13:20	0.1	53	2	1.6	0.0
9/02/2024 13:30	0.0	36	0	1.4	0.0
9/02/2024 13:40					0.0
9/02/2024 13:50					0.0
9/02/2024 14:00					0.0
9/02/2024 14:10	3.1	63	13	4.9	0.0
9/02/2024 14:20	0.9	63	9	4.6	0.0
9/02/2024 14:30	1.8	61	9	4.9	0.0
9/02/2024 14:40	1.7	63	9	5.5	0.0
9/02/2024 14:50	1.2	60	10	3.9	0.0
9/02/2024 15:00	0.7	56	7	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/02/2024 15:10	2.3	32	12	4.9	0.0
9/02/2024 15:20	2.5	18	15	5.0	0.0
9/02/2024 15:30	0.6	166	6	2.6	0.0
9/02/2024 15:40					0.0
9/02/2024 15:50					0.0
9/02/2024 16:00					0.0
9/02/2024 16:10					0.0
9/02/2024 16:20					0.0
9/02/2024 16:30	0.2	335	4	2.0	0.0
9/02/2024 16:40	4.1	330	16	8.1	0.0
9/02/2024 16:50	4.3	341	12	6.1	0.0
9/02/2024 17:00	4.4	343	14	6.0	0.0
9/02/2024 17:10	4.5	338	12	6.7	0.0
9/02/2024 17:20	4.8	333	14	7.2	0.0
9/02/2024 17:30	4.7	331	14	6.8	0.0
9/02/2024 17:40	4.9	333	12	6.8	0.0
9/02/2024 17:50	5.0	342	14	6.7	0.0
9/02/2024 18:00	5.1	335	11	6.8	0.0
9/02/2024 18:10	4.8	338	14	7.1	0.0
9/02/2024 18:20	4.7	341	13	6.1	0.0
9/02/2024 18:30	4.9	342	11	6.4	0.0
9/02/2024 18:40	3.7	339	14	5.4	0.0
9/02/2024 18:50	3.4	333	13	4.7	0.0
9/02/2024 19:00	0.8	334	3	4.8	0.0
9/02/2024 19:10	1.4	339	5	5.1	0.0
9/02/2024 19:20	2.3	333	9	6.5	0.0
9/02/2024 19:30					0.0
9/02/2024 19:40	0.5	329	4	4.0	0.0
9/02/2024 19:50					0.0
9/02/2024 20:00	0.3	146	7	5.2	0.0
9/02/2024 20:10	0.3	218	8	3.6	0.6
9/02/2024 20:20					0.0
9/02/2024 20:30					0.0
9/02/2024 20:40					0.1
9/02/2024 20:50					0.0
9/02/2024 21:00					0.0
9/02/2024 21:10	0.1	195	5	0.5	0.0
9/02/2024 21:20	0.1	195	4	0.4	0.0
9/02/2024 21:30	0.0	198	7	0.4	0.0
9/02/2024 21:40	0.1	200	4	1.2	0.0
9/02/2024 21:50	2.8	201	18	6.2	0.0
9/02/2024 22:00	4.1	195	12	6.6	0.0
9/02/2024 22:10	3.3	203	26	6.0	0.0
9/02/2024 22:20	2.0	230	41	4.4	0.0
9/02/2024 22:30	1.3	234	45	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/02/2024 22:40	1.4	208	31	3.6	0.0
9/02/2024 22:50	2.2	207	34	5.0	0.0
9/02/2024 23:00	1.9	197	52	5.0	0.0
9/02/2024 23:10	1.2	195	30	3.2	0.0
9/02/2024 23:20	1.9	185	31	4.6	0.0
9/02/2024 23:30	0.7	189	6	4.4	0.0
9/02/2024 23:40					0.0
9/02/2024 23:50					0.0
10/02/2024 0:00					0.0
10/02/2024 0:10	2.3	208	8	4.7	0.0
10/02/2024 0:20	1.5	210	15	4.1	0.0
10/02/2024 0:30	4.7	200	11	6.4	0.0
10/02/2024 0:40	3.4	200	6	6.6	0.0
10/02/2024 0:50	4.8	199	9	6.4	0.0
10/02/2024 1:00	0.9	189	7	2.7	0.0
10/02/2024 1:10	2.2	182	14	5.5	0.0
10/02/2024 1:20					0.0
10/02/2024 1:30					0.0
10/02/2024 1:40	5.2	171	12	7.5	0.0
10/02/2024 1:50	5.9	169	11	7.8	0.0
10/02/2024 2:00	6.3	171	10	8.3	0.0
10/02/2024 2:10	5.0	173	12	6.8	0.0
10/02/2024 2:20	4.5	167	8	7.5	0.0
10/02/2024 2:30	3.5	169	11	6.0	0.0
10/02/2024 2:40	1.6	145	37	3.6	0.0
10/02/2024 2:50	0.4	80	28	1.5	0.0
10/02/2024 3:00	1.0	175	27	2.9	0.0
10/02/2024 3:10	1.3	173	13	3.1	0.0
10/02/2024 3:20	1.2	180	13	3.8	0.0
10/02/2024 3:30	0.0	107	3	0.4	0.0
10/02/2024 3:40	0.3	180	21	1.6	0.0
10/02/2024 3:50	0.8	175	50	1.7	0.0
10/02/2024 4:00	1.0	166	33	2.8	0.0
10/02/2024 4:10	0.4	348	58	3.0	0.0
10/02/2024 4:20	2.3	194	9	5.2	0.0
10/02/2024 4:30	1.8	188	10	5.2	0.0
10/02/2024 4:40	3.8	187	11	6.1	0.0
10/02/2024 4:50	3.8	186	8	6.6	0.0
10/02/2024 5:00	4.6	185	10	6.2	0.0
10/02/2024 5:10	4.5	184	12	6.0	0.0
10/02/2024 5:20	5.4	190	9	7.2	0.0
10/02/2024 5:30	3.6	190	10	6.8	0.0
10/02/2024 5:40	2.1	187	7	5.3	0.0
10/02/2024 5:50	3.3	193	12	4.9	0.0
10/02/2024 6:00	2.6	206	33	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 6:10	1.1	248	43	2.8	0.0
10/02/2024 6:20	0.6	197	13	3.0	0.0
10/02/2024 6:30	1.6	194	10	4.1	0.0
10/02/2024 6:40	2.7	198	11	5.1	0.0
10/02/2024 6:50	1.9	211	28	3.6	0.0
10/02/2024 7:00	0.8	200	10	3.3	0.0
10/02/2024 7:10	0.1	199	8	1.4	0.0
10/02/2024 7:20	0.3	278	5	3.0	0.0
10/02/2024 7:30	0.1	240	13	2.2	0.0
10/02/2024 7:40					0.0
10/02/2024 7:50	0.3	276	15	2.2	0.0
10/02/2024 8:00					0.0
10/02/2024 8:10	0.0	187	2	0.8	0.0
10/02/2024 8:20	0.0	269	3	0.8	0.0
10/02/2024 8:30	1.1	274	16	3.1	0.0
10/02/2024 8:40	0.4	287	13	2.8	0.0
10/02/2024 8:50	1.9	280	24	3.4	0.0
10/02/2024 9:00	1.8	275	25	2.8	0.0
10/02/2024 9:10	0.7	254	24	2.1	0.0
10/02/2024 9:20					0.0
10/02/2024 9:30	0.5	301	12	2.0	0.0
10/02/2024 9:40					0.0
10/02/2024 9:50	1.4	284	16	3.2	0.0
10/02/2024 10:00	0.2	276	9	2.4	0.0
10/02/2024 10:10	0.6	268	13	3.5	0.0
10/02/2024 10:20	0.4	271	8	2.3	0.0
10/02/2024 10:30					0.0
10/02/2024 10:40	0.0	310	0	0.8	0.0
10/02/2024 10:50					0.0
10/02/2024 11:00					0.0
10/02/2024 11:10	0.0	295	1	1.6	0.0
10/02/2024 11:20	2.0	290	15	4.4	0.0
10/02/2024 11:30	2.2	295	16	4.0	0.0
10/02/2024 11:40					0.0
10/02/2024 11:50					0.0
10/02/2024 12:00					0.0
10/02/2024 12:10					0.0
10/02/2024 12:20					0.0
10/02/2024 12:30	0.2	289	5	2.7	0.0
10/02/2024 12:40					0.0
10/02/2024 12:50					0.0
10/02/2024 13:00					0.0
10/02/2024 13:10					0.0
10/02/2024 13:20					0.0
10/02/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 13:40					0.0
10/02/2024 13:50	0.5	281	11	4.7	0.0
10/02/2024 14:00					0.0
10/02/2024 14:10					0.0
10/02/2024 14:20					0.0
10/02/2024 14:30					0.0
10/02/2024 14:40					0.0
10/02/2024 14:50					0.0
10/02/2024 15:00					0.0
10/02/2024 15:10					0.0
10/02/2024 15:20					0.0
10/02/2024 15:30	0.0	282	2	0.6	0.0
10/02/2024 15:40	1.2	269	15	5.9	0.0
10/02/2024 15:50	0.7	261	22	3.6	0.0
10/02/2024 16:00	1.4	269	15	4.5	0.0
10/02/2024 16:10	0.6	252	8	2.9	0.0
10/02/2024 16:20	0.8	275	9	6.2	0.0
10/02/2024 16:30					0.0
10/02/2024 16:40					0.0
10/02/2024 16:50					0.0
10/02/2024 17:00					0.0
10/02/2024 17:10					0.0
10/02/2024 17:20					0.0
10/02/2024 17:30					0.0
10/02/2024 17:40					0.0
10/02/2024 17:50	2.3	264	40	7.0	0.0
10/02/2024 18:00	4.7	270	21	7.0	0.0
10/02/2024 18:10	2.9	274	13	6.2	0.0
10/02/2024 18:20	3.3	272	23	6.5	0.0
10/02/2024 18:30	3.5	270	22	7.0	0.0
10/02/2024 18:40					0.0
10/02/2024 18:50	0.9	279	11	4.9	0.0
10/02/2024 19:00	2.6	275	19	5.9	0.0
10/02/2024 19:10	2.7	268	21	5.4	0.0
10/02/2024 19:20	2.5	273	22	5.2	0.0
10/02/2024 19:30	2.1	276	24	4.8	0.0
10/02/2024 19:40	3.2	267	28	5.2	0.0
10/02/2024 19:50	2.0	260	39	4.7	0.0
10/02/2024 20:00	2.5	253	38	5.3	0.0
10/02/2024 20:10	1.0	244	31	4.1	0.0
10/02/2024 20:20	2.4	245	30	4.3	0.0
10/02/2024 20:30	0.6	198	9	3.5	0.0
10/02/2024 20:40	1.1	264	25	4.2	0.0
10/02/2024 20:50	2.0	245	49	3.6	0.0
10/02/2024 21:00	2.6	255	42	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/02/2024 21:10	1.9	265	51	4.2	0.0
10/02/2024 21:20	2.2	270	36	4.4	0.0
10/02/2024 21:30	2.6	275	36	5.0	0.0
10/02/2024 21:40	2.3	268	37	4.3	0.0
10/02/2024 21:50	2.3	258	44	4.0	0.0
10/02/2024 22:00	2.3	252	36	4.4	0.0
10/02/2024 22:10	1.9	255	42	3.6	0.0
10/02/2024 22:20	2.0	264	38	3.5	0.0
10/02/2024 22:30	2.2	275	29	4.0	0.0
10/02/2024 22:40	2.1	278	23	3.6	0.0
10/02/2024 22:50	1.7	283	18	3.2	0.0
10/02/2024 23:00	1.8	280	15	3.4	0.0
10/02/2024 23:10	0.6	262	22	2.8	0.0
10/02/2024 23:20	0.7	268	20	2.7	0.0
10/02/2024 23:30	0.8	275	21	3.0	0.0
10/02/2024 23:40	1.0	260	34	3.0	0.0
10/02/2024 23:50					0.0
11/02/2024 0:00					0.0
11/02/2024 0:10	0.1	229	16	1.6	0.0
11/02/2024 0:20	1.5	272	38	3.1	0.0
11/02/2024 0:30	1.0	252	42	2.8	0.0
11/02/2024 0:40	0.7	277	39	2.7	0.0
11/02/2024 0:50	1.0	221	52	2.5	0.0
11/02/2024 1:00	1.4	216	71	3.2	0.0
11/02/2024 1:10	1.6	224	64	3.9	0.0
11/02/2024 1:20	1.2	244	54	2.6	0.0
11/02/2024 1:30	0.9	278	28	2.0	0.0
11/02/2024 1:40	0.5	296	38	1.8	0.0
11/02/2024 1:50	1.0	271	44	2.1	0.0
11/02/2024 2:00	0.5	257	32	1.6	0.0
11/02/2024 2:10	1.1	301	20	2.0	0.0
11/02/2024 2:20	1.6	282	20	2.4	0.0
11/02/2024 2:30	1.4	311	39	2.4	0.0
11/02/2024 2:40	0.8	279	33	2.0	0.0
11/02/2024 2:50	0.6	255	12	2.0	0.0
11/02/2024 3:00	1.1	278	25	2.6	0.0
11/02/2024 3:10	1.2	281	24	2.4	0.0
11/02/2024 3:20	0.5	295	17	1.3	0.0
11/02/2024 3:30					0.0
11/02/2024 3:40	0.2	306	10	1.9	0.0
11/02/2024 3:50	1.6	311	15	2.3	0.0
11/02/2024 4:00	1.4	286	25	3.0	0.0
11/02/2024 4:10	1.1	232	41	2.4	0.0
11/02/2024 4:20	0.7	256	45	2.0	0.0
11/02/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 4:40	0.7	347	68	2.0	0.0
11/02/2024 4:50	0.2	244	37	0.9	0.0
11/02/2024 5:00					0.0
11/02/2024 5:10					0.0
11/02/2024 5:20	0.5	296	32	1.5	0.0
11/02/2024 5:30	0.0	159	14	0.5	0.0
11/02/2024 5:40	0.2	162	24	1.1	0.0
11/02/2024 5:50	0.1	232	16	1.2	0.0
11/02/2024 6:00	0.9	191	11	2.1	0.0
11/02/2024 6:10	0.9	189	8	2.0	0.0
11/02/2024 6:20	1.7	191	10	2.2	0.0
11/02/2024 6:30	1.5	183	15	2.2	0.0
11/02/2024 6:40	0.1	264	18	0.6	0.0
11/02/2024 6:50	0.4	88	27	1.4	0.0
11/02/2024 7:00	1.0	193	28	1.8	0.0
11/02/2024 7:10	1.1	185	26	2.4	0.0
11/02/2024 7:20	1.1	185	25	2.7	0.0
11/02/2024 7:30	0.5	232	16	1.8	0.0
11/02/2024 7:40	1.4	221	34	2.6	0.0
11/02/2024 7:50	1.6	250	15	2.6	0.0
11/02/2024 8:00	2.0	261	21	3.3	0.0
11/02/2024 8:10	1.7	275	11	3.4	0.0
11/02/2024 8:20	1.4	281	15	3.7	0.0
11/02/2024 8:30	0.4	267	13	2.4	0.0
11/02/2024 8:40	0.9	292	18	3.0	0.0
11/02/2024 8:50	1.6	290	28	2.8	0.0
11/02/2024 9:00	2.4	298	16	3.5	0.0
11/02/2024 9:10	2.2	295	22	3.5	0.0
11/02/2024 9:20	2.5	289	20	3.4	0.0
11/02/2024 9:30	2.3	276	23	3.4	0.0
11/02/2024 9:40	2.5	274	23	3.7	0.0
11/02/2024 9:50	2.0	270	29	3.2	0.0
11/02/2024 10:00	2.1	273	24	3.2	0.0
11/02/2024 10:10	2.3	266	26	3.3	0.0
11/02/2024 10:20	2.0	271	32	3.7	0.0
11/02/2024 10:30	2.4	278	22	4.4	0.0
11/02/2024 10:40	2.2	276	34	3.6	0.0
11/02/2024 10:50	1.5	286	29	3.6	0.0
11/02/2024 11:00	2.0	300	23	4.4	0.0
11/02/2024 11:10	2.7	292	24	4.5	0.0
11/02/2024 11:20	2.6	271	22	4.0	0.0
11/02/2024 11:30	3.1	257	16	4.3	0.0
11/02/2024 11:40	3.1	268	20	4.8	0.0
11/02/2024 11:50	3.2	282	21	4.8	0.0
11/02/2024 12:00	3.0	276	21	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 12:10	2.5	259	19	4.9	0.0
11/02/2024 12:20	1.2	262	12	4.1	0.0
11/02/2024 12:30	0.3	271	5	4.0	0.0
11/02/2024 12:40	0.6	270	8	3.4	0.0
11/02/2024 12:50	0.6	260	12	4.0	0.0
11/02/2024 13:00	0.5	261	10	3.4	0.0
11/02/2024 13:10	0.9	273	14	3.7	0.0
11/02/2024 13:20	0.9	262	13	4.0	0.0
11/02/2024 13:30	0.3	273	8	3.2	0.0
11/02/2024 13:40	0.8	255	11	4.0	0.0
11/02/2024 13:50	3.2	263	24	4.8	0.0
11/02/2024 14:00	3.1	275	18	5.2	0.0
11/02/2024 14:10	3.3	277	25	5.1	0.0
11/02/2024 14:20	3.4	281	24	6.3	0.0
11/02/2024 14:30	3.2	291	25	5.4	0.0
11/02/2024 14:40	3.7	281	20	5.2	0.0
11/02/2024 14:50	3.5	290	22	5.3	0.0
11/02/2024 15:00	3.1	312	21	4.8	0.0
11/02/2024 15:10	2.6	293	24	4.4	0.0
11/02/2024 15:20	2.6	278	23	5.0	0.0
11/02/2024 15:30	1.9	290	17	5.6	0.0
11/02/2024 15:40	0.9	271	11	5.1	0.0
11/02/2024 15:50	1.2	289	15	5.1	0.0
11/02/2024 16:00	1.3	286	14	4.9	0.0
11/02/2024 16:10	1.0	265	15	6.0	0.0
11/02/2024 16:20	0.0	273	2	1.1	0.0
11/02/2024 16:30					0.0
11/02/2024 16:40	0.8	285	11	4.1	0.0
11/02/2024 16:50	0.8	269	6	4.7	0.0
11/02/2024 17:00	1.1	267	14	5.2	0.0
11/02/2024 17:10	1.7	270	13	5.6	0.0
11/02/2024 17:20	1.0	264	21	4.8	0.0
11/02/2024 17:30	1.7	253	25	4.6	0.0
11/02/2024 17:40	1.2	268	12	3.9	0.0
11/02/2024 17:50	1.4	255	20	3.8	0.0
11/02/2024 18:00	1.5	266	17	3.8	0.0
11/02/2024 18:10	1.4	252	24	4.5	0.0
11/02/2024 18:20	0.8	261	11	4.4	0.0
11/02/2024 18:30	1.4	282	12	4.8	0.0
11/02/2024 18:40	1.0	269	15	4.6	0.0
11/02/2024 18:50	0.4	259	9	2.5	0.0
11/02/2024 19:00	0.7	269	15	4.0	0.0
11/02/2024 19:10	0.6	263	23	4.0	0.0
11/02/2024 19:20	0.9	276	9	4.0	0.0
11/02/2024 19:30	1.7	275	16	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/02/2024 19:40	2.0	272	19	5.6	0.0
11/02/2024 19:50	1.1	275	10	5.1	0.0
11/02/2024 20:00	0.5	269	12	4.8	0.0
11/02/2024 20:10	2.7	272	14	6.2	0.0
11/02/2024 20:20	3.1	265	19	5.7	0.0
11/02/2024 20:30	2.9	273	17	6.7	0.0
11/02/2024 20:40	3.2	272	22	6.5	0.0
11/02/2024 20:50	4.2	275	21	6.6	0.0
11/02/2024 21:00	4.0	276	22	6.4	0.0
11/02/2024 21:10	3.8	274	21	5.8	0.0
11/02/2024 21:20	3.6	271	29	5.7	0.0
11/02/2024 21:30	3.5	274	36	6.4	0.0
11/02/2024 21:40	3.8	272	22	5.6	0.0
11/02/2024 21:50	2.8	276	33	5.9	0.0
11/02/2024 22:00	2.7	273	36	5.6	0.0
11/02/2024 22:10	2.4	260	46	4.7	0.0
11/02/2024 22:20	2.2	253	52	5.0	0.0
11/02/2024 22:30	2.4	258	34	5.0	0.0
11/02/2024 22:40	1.0	268	46	2.9	0.0
11/02/2024 22:50	2.3	259	35	4.6	0.0
11/02/2024 23:00	2.4	262	40	4.5	0.0
11/02/2024 23:10	1.9	269	47	3.6	0.0
11/02/2024 23:20	1.6	271	36	3.2	0.0
11/02/2024 23:30	1.8	277	25	3.5	0.0
11/02/2024 23:40	1.4	281	25	3.0	0.0
11/02/2024 23:50	1.9	269	26	3.5	0.0
12/02/2024 0:00	2.0	271	32	3.9	0.0
12/02/2024 0:10	1.6	272	36	4.0	0.0
12/02/2024 0:20	1.3	269	22	3.2	0.0
12/02/2024 0:30	0.2	216	37	1.2	0.0
12/02/2024 0:40	0.6	256	45	2.1	0.0
12/02/2024 0:50	1.2	258	36	3.0	0.0
12/02/2024 1:00	1.6	252	45	3.5	0.0
12/02/2024 1:10	1.2	262	39	3.0	0.0
12/02/2024 1:20	1.7	260	43	3.4	0.0
12/02/2024 1:30	1.7	282	33	3.1	0.0
12/02/2024 1:40	1.2	269	57	2.6	0.0
12/02/2024 1:50	0.8	227	65	2.7	0.0
12/02/2024 2:00	1.3	281	35	2.7	0.0
12/02/2024 2:10	0.9	313	74	2.3	0.0
12/02/2024 2:20	0.2	187	30	1.2	0.0
12/02/2024 2:30	0.8	291	32	2.5	0.0
12/02/2024 2:40	0.4	278	34	1.8	0.0
12/02/2024 2:50	0.1	142	13	1.0	0.0
12/02/2024 3:00	0.1	222	29	0.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 3:10					0.0
12/02/2024 3:20	0.3	325	8	1.4	0.0
12/02/2024 3:30	0.1	302	9	0.4	0.0
12/02/2024 3:40	0.0	287	6	0.4	0.0
12/02/2024 3:50	0.0	264	0	0.4	0.0
12/02/2024 4:00					0.0
12/02/2024 4:10	0.0	273	0	0.4	0.0
12/02/2024 4:20	0.0	283	2	0.4	0.0
12/02/2024 4:30	0.0	319	0	0.4	0.0
12/02/2024 4:40					0.0
12/02/2024 4:50					0.0
12/02/2024 5:00					0.0
12/02/2024 5:10					0.0
12/02/2024 5:20					0.0
12/02/2024 5:30					0.0
12/02/2024 5:40					0.0
12/02/2024 5:50					0.0
12/02/2024 6:00					0.0
12/02/2024 6:10					0.0
12/02/2024 6:20					0.0
12/02/2024 6:30					0.0
12/02/2024 6:40					0.0
12/02/2024 6:50					0.0
12/02/2024 7:00					0.0
12/02/2024 7:10	0.2	271	11	0.8	0.0
12/02/2024 7:20	0.4	287	16	1.7	0.0
12/02/2024 7:30	1.3	275	19	3.0	0.0
12/02/2024 7:40	2.6	271	18	3.6	0.0
12/02/2024 7:50	2.6	288	23	4.0	0.0
12/02/2024 8:00	2.8	274	24	4.3	0.0
12/02/2024 8:10	3.0	274	19	4.6	0.0
12/02/2024 8:20	2.8	274	23	4.3	0.0
12/02/2024 8:30	2.9	279	25	4.2	0.0
12/02/2024 8:40	2.8	281	25	4.3	0.0
12/02/2024 8:50	2.5	280	22	4.2	0.0
12/02/2024 9:00	2.7	285	18	4.5	0.0
12/02/2024 9:10	2.7	282	20	4.6	0.0
12/02/2024 9:20	3.3	273	27	5.2	0.0
12/02/2024 9:30	2.4	265	27	4.2	0.0
12/02/2024 9:40	2.7	278	22	4.1	0.0
12/02/2024 9:50	2.1	273	23	3.8	0.0
12/02/2024 10:00	2.5	271	21	4.4	0.0
12/02/2024 10:10	2.3	275	22	4.8	0.0
12/02/2024 10:20	2.8	266	20	4.4	0.0
12/02/2024 10:30	3.2	274	21	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 10:40	3.3	270	22	4.9	0.0
12/02/2024 10:50	3.4	265	21	5.3	0.0
12/02/2024 11:00	3.7	266	18	5.7	0.0
12/02/2024 11:10	3.5	264	21	6.0	0.0
12/02/2024 11:20	3.5	270	17	5.8	0.0
12/02/2024 11:30	3.8	261	17	5.8	0.0
12/02/2024 11:40	3.8	261	15	6.3	0.0
12/02/2024 11:50	3.0	278	25	5.5	0.0
12/02/2024 12:00	3.4	274	23	5.8	0.0
12/02/2024 12:10	3.7	279	25	6.5	0.0
12/02/2024 12:20	3.8	288	22	6.0	0.0
12/02/2024 12:30	4.3	302	24	6.6	0.0
12/02/2024 12:40	4.0	310	19	7.4	0.0
12/02/2024 12:50	3.5	307	23	6.0	0.0
12/02/2024 13:00	3.8	301	23	7.1	0.0
12/02/2024 13:10	2.8	291	24	4.8	0.0
12/02/2024 13:20	3.9	294	20	6.8	0.0
12/02/2024 13:30	3.6	290	23	6.0	0.0
12/02/2024 13:40	3.1	298	18	6.6	0.0
12/02/2024 13:50	3.4	289	27	5.6	0.0
12/02/2024 14:00	3.9	299	22	7.2	0.0
12/02/2024 14:10	3.6	306	19	7.1	0.0
12/02/2024 14:20	3.9	308	23	7.5	0.0
12/02/2024 14:30	4.3	296	22	6.8	0.0
12/02/2024 14:40	3.9	291	19	6.8	0.0
12/02/2024 14:50	3.0	295	16	6.9	0.0
12/02/2024 15:00	3.7	294	22	7.3	0.0
12/02/2024 15:10	4.0	288	20	7.0	0.0
12/02/2024 15:20	3.5	287	20	7.0	0.0
12/02/2024 15:30	4.9	296	18	7.5	0.0
12/02/2024 15:40	4.7	294	22	8.3	0.0
12/02/2024 15:50	4.8	295	17	7.8	0.0
12/02/2024 16:00	5.0	296	20	8.3	0.0
12/02/2024 16:10	4.2	292	22	7.1	0.0
12/02/2024 16:20	4.9	296	19	7.4	0.0
12/02/2024 16:30	4.5	298	18	8.1	0.0
12/02/2024 16:40	4.7	300	19	7.9	0.0
12/02/2024 16:50	5.0	300	18	8.6	0.0
12/02/2024 17:00	5.3	297	20	8.4	0.0
12/02/2024 17:10	4.8	298	20	7.3	0.0
12/02/2024 17:20	4.4	297	23	6.8	0.0
12/02/2024 17:30	4.3	293	25	6.8	0.0
12/02/2024 17:40	4.5	298	24	7.2	0.0
12/02/2024 17:50	4.5	284	25	7.1	0.0
12/02/2024 18:00	4.3	281	20	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/02/2024 18:10	4.0	284	19	6.0	0.0
12/02/2024 18:20	4.1	272	21	6.2	0.0
12/02/2024 18:30	4.1	271	18	6.4	0.0
12/02/2024 18:40	4.3	275	18	6.9	0.0
12/02/2024 18:50	4.2	280	20	6.4	0.0
12/02/2024 19:00	4.4	273	17	6.4	0.0
12/02/2024 19:10	4.1	267	19	6.3	0.0
12/02/2024 19:20	4.3	266	23	6.3	0.0
12/02/2024 19:30	4.3	272	23	6.9	0.0
12/02/2024 19:40	4.8	272	19	6.9	0.0
12/02/2024 19:50	4.0	272	20	5.8	0.0
12/02/2024 20:00	4.3	277	18	7.1	0.0
12/02/2024 20:10	4.5	285	16	6.8	0.0
12/02/2024 20:20	4.3	275	20	6.5	0.0
12/02/2024 20:30	4.4	266	22	6.8	0.0
12/02/2024 20:40	4.5	269	20	7.2	0.0
12/02/2024 20:50	3.8	270	24	6.4	0.0
12/02/2024 21:00	3.8	279	18	6.2	0.0
12/02/2024 21:10	3.5	272	19	6.0	0.0
12/02/2024 21:20	0.5	273	16	2.6	0.0
12/02/2024 21:30	0.2	283	18	0.4	0.0
12/02/2024 21:40	0.1	288	12	0.4	0.0
12/02/2024 21:50	0.0	283	4	0.4	0.0
12/02/2024 22:00	0.0	288	7	0.4	0.0
12/02/2024 22:10					0.0
12/02/2024 22:20	0.0	293	0	0.4	0.0
12/02/2024 22:30					0.0
12/02/2024 22:40	0.0	277	4	0.4	0.0
12/02/2024 22:50	0.1	283	11	0.4	0.0
12/02/2024 23:00	0.2	264	18	0.4	0.0
12/02/2024 23:10	0.2	268	14	0.4	0.0
12/02/2024 23:20	0.2	260	15	0.4	0.0
12/02/2024 23:30	0.2	265	22	0.4	0.0
12/02/2024 23:40	0.2	273	17	0.4	0.0
12/02/2024 23:50	0.2	264	27	0.4	0.0
13/02/2024 0:00	0.2	242	30	0.4	0.0
13/02/2024 0:10	0.1	251	20	0.4	0.0
13/02/2024 0:20	0.2	277	22	0.4	0.0
13/02/2024 0:30	0.2	274	26	0.4	0.0
13/02/2024 0:40	0.3	248	30	0.7	0.0
13/02/2024 0:50	0.2	237	37	1.0	0.0
13/02/2024 1:00	0.2	267	40	0.4	0.0
13/02/2024 1:10	0.2	271	20	0.4	0.0
13/02/2024 1:20	0.3	268	25	0.5	0.0
13/02/2024 1:30	0.2	234	36	0.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 1:40	0.1	275	17	0.4	0.0
13/02/2024 1:50	0.2	279	14	0.4	0.0
13/02/2024 2:00	0.2	276	12	0.4	0.0
13/02/2024 2:10	0.0	279	5	0.4	0.0
13/02/2024 2:20	0.1	293	9	0.4	0.0
13/02/2024 2:30	0.0	290	6	0.4	0.0
13/02/2024 2:40	0.1	300	8	0.4	0.0
13/02/2024 2:50	0.0	292	2	0.4	0.0
13/02/2024 3:00					0.0
13/02/2024 3:10					0.0
13/02/2024 3:20					0.0
13/02/2024 3:30					0.0
13/02/2024 3:40					0.0
13/02/2024 3:50					0.0
13/02/2024 4:00					0.0
13/02/2024 4:10					0.0
13/02/2024 4:20					0.0
13/02/2024 4:30					0.0
13/02/2024 4:40	0.1	314	5	0.4	0.0
13/02/2024 4:50	0.1	315	8	0.4	0.0
13/02/2024 5:00	0.0	284	0	0.4	0.0
13/02/2024 5:10					0.0
13/02/2024 5:20	0.1	277	7	0.4	0.0
13/02/2024 5:30	0.1	257	11	0.4	0.0
13/02/2024 5:40	0.0	308	5	0.4	0.0
13/02/2024 5:50	0.0	285	6	0.4	0.0
13/02/2024 6:00					0.0
13/02/2024 6:10	0.1	293	14	0.4	0.0
13/02/2024 6:20	0.1	268	15	0.4	0.0
13/02/2024 6:30	0.2	304	21	0.4	0.0
13/02/2024 6:40	0.2	284	17	0.6	0.0
13/02/2024 6:50	2.8	278	22	5.7	0.0
13/02/2024 7:00	1.1	297	18	5.6	0.0
13/02/2024 7:10	3.1	282	24	4.8	0.0
13/02/2024 7:20	3.3	269	23	5.2	0.0
13/02/2024 7:30	1.9	209	31	4.2	0.0
13/02/2024 7:40					0.0
13/02/2024 7:50	1.0	269	13	3.6	0.0
13/02/2024 8:00	1.1	275	43	2.8	0.0
13/02/2024 8:10	1.4	281	27	3.2	0.0
13/02/2024 8:20	2.7	284	40	4.7	0.0
13/02/2024 8:30	1.0	247	35	2.3	0.0
13/02/2024 8:40	1.8	280	19	4.0	0.0
13/02/2024 8:50	1.0	216	24	2.4	0.0
13/02/2024 9:00	3.2	273	22	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 9:10	2.5	268	24	4.2	0.0
13/02/2024 9:20	2.5	266	33	3.9	0.0
13/02/2024 9:30	2.0	249	31	3.7	0.0
13/02/2024 9:40	2.7	286	28	4.5	0.0
13/02/2024 9:50	3.3	274	24	4.7	0.0
13/02/2024 10:00	2.8	282	23	4.4	0.0
13/02/2024 10:10	2.7	288	32	5.0	0.0
13/02/2024 10:20	2.5	280	38	4.6	0.0
13/02/2024 10:30	3.0	302	30	4.9	0.0
13/02/2024 10:40	3.2	283	29	5.1	0.0
13/02/2024 10:50	2.8	281	37	4.4	0.0
13/02/2024 11:00	2.6	266	27	4.8	0.0
13/02/2024 11:10	2.2	279	34	4.8	0.0
13/02/2024 11:20	2.7	291	33	5.1	0.0
13/02/2024 11:30	2.8	283	35	4.9	0.0
13/02/2024 11:40	2.0	300	27	5.4	0.0
13/02/2024 11:50	3.0	307	29	4.8	0.0
13/02/2024 12:00	3.5	294	26	6.0	0.0
13/02/2024 12:10	2.9	303	23	5.6	0.0
13/02/2024 12:20	3.1	293	31	5.2	0.0
13/02/2024 12:30	3.8	314	21	6.3	0.0
13/02/2024 12:40	3.7	319	21	6.0	0.0
13/02/2024 12:50	3.3	308	29	5.2	0.0
13/02/2024 13:00	3.2	305	24	5.4	0.0
13/02/2024 13:10	3.7	306	20	5.8	0.0
13/02/2024 13:20	3.3	314	23	5.7	0.0
13/02/2024 13:30	1.9	304	15	5.7	0.0
13/02/2024 13:40	2.6	320	16	6.8	0.0
13/02/2024 13:50	0.2	329	5	3.9	0.0
13/02/2024 14:00	3.0	303	21	5.8	0.0
13/02/2024 14:10	4.0	294	27	7.1	0.0
13/02/2024 14:20	3.1	298	19	5.9	0.0
13/02/2024 14:30	3.9	288	24	6.1	0.0
13/02/2024 14:40	3.8	164	23	6.5	0.0
13/02/2024 14:50	4.1	321	24	6.0	0.0
13/02/2024 15:00	4.1	343	20	6.4	0.0
13/02/2024 15:10	4.5	342	16	6.8	0.0
13/02/2024 15:20	4.6	331	15	7.6	0.0
13/02/2024 15:30	4.7	326	15	6.6	0.0
13/02/2024 15:40	3.8	321	17	6.0	0.0
13/02/2024 15:50	3.7	328	16	6.5	0.0
13/02/2024 16:00	3.1	315	18	6.4	0.0
13/02/2024 16:10	4.4	319	16	6.7	0.0
13/02/2024 16:20	4.1	324	20	7.3	0.0
13/02/2024 16:30	4.7	332	18	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/02/2024 16:40	4.1	328	18	6.4	0.0
13/02/2024 16:50	4.4	323	16	7.2	0.0
13/02/2024 17:00	5.0	333	14	7.0	0.0
13/02/2024 17:10	4.4	327	14	7.2	0.0
13/02/2024 17:20	4.2	319	17	7.2	0.0
13/02/2024 17:30	2.1	330	11	6.4	0.0
13/02/2024 17:40	4.6	320	19	6.5	0.0
13/02/2024 17:50	4.4	326	10	8.0	0.0
13/02/2024 18:00					0.0
13/02/2024 18:10					0.0
13/02/2024 18:20	3.0	309	11	6.6	0.0
13/02/2024 18:30	5.7	319	16	8.5	0.0
13/02/2024 18:40	5.3	314	23	8.5	0.0
13/02/2024 18:50	4.9	307	21	7.9	0.0
13/02/2024 19:00	5.0	306	22	8.0	0.0
13/02/2024 19:10	5.0	306	19	6.9	0.0
13/02/2024 19:20	4.6	301	20	7.2	0.0
13/02/2024 19:30	5.2	326	15	7.5	0.0
13/02/2024 19:40	4.7	310	15	7.2	0.0
13/02/2024 19:50	3.9	309	23	6.0	0.0
13/02/2024 20:00	3.6	304	22	5.6	0.0
13/02/2024 20:10	2.7	290	26	4.8	0.0
13/02/2024 20:20	2.5	282	28	4.0	0.0
13/02/2024 20:30	2.4	269	26	4.0	0.0
13/02/2024 20:40	2.3	280	22	3.4	0.0
13/02/2024 20:50	1.8	276	25	3.2	0.0
13/02/2024 21:00	1.3	306	25	2.2	0.0
13/02/2024 21:10	1.7	338	13	2.4	0.0
13/02/2024 21:20	1.1	179	29	1.7	0.0
13/02/2024 21:30	1.7	21	15	2.3	0.0
13/02/2024 21:40	1.3	351	13	2.0	0.0
13/02/2024 21:50	1.2	182	15	1.7	0.0
13/02/2024 22:00	1.8	8	15	2.8	0.0
13/02/2024 22:10	2.4	81	30	4.1	0.0
13/02/2024 22:20	2.9	55	29	4.4	0.0
13/02/2024 22:30	3.5	83	14	5.0	0.0
13/02/2024 22:40	2.6	73	18	4.4	0.0
13/02/2024 22:50	2.3	62	17	3.5	0.0
13/02/2024 23:00	2.6	44	21	3.6	0.0
13/02/2024 23:10	2.4	26	23	4.0	0.0
13/02/2024 23:20	2.4	7	11	3.6	0.0
13/02/2024 23:30	2.9	5	18	3.6	0.0
13/02/2024 23:40	3.8	345	11	4.9	0.0
13/02/2024 23:50	4.6	331	12	6.2	0.0
14/02/2024 0:00	3.9	317	16	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 0:10	4.4	320	17	6.3	0.0
14/02/2024 0:20	4.4	315	19	6.7	0.0
14/02/2024 0:30	4.8	307	20	8.0	0.0
14/02/2024 0:40	3.7	272	27	6.1	0.0
14/02/2024 0:50	3.4	285	31	5.8	0.0
14/02/2024 1:00	3.0	292	22	4.9	0.0
14/02/2024 1:10	2.9	272	20	4.3	0.0
14/02/2024 1:20	3.6	290	22	6.1	0.0
14/02/2024 1:30	3.2	281	19	5.8	0.0
14/02/2024 1:40	3.5	273	22	5.4	0.0
14/02/2024 1:50	2.7	285	22	4.1	0.0
14/02/2024 2:00	2.4	291	22	3.6	0.0
14/02/2024 2:10	2.4	289	20	3.8	0.0
14/02/2024 2:20	2.5	290	26	3.9	0.0
14/02/2024 2:30	3.1	270	23	4.8	0.0
14/02/2024 2:40	2.9	275	23	5.0	0.0
14/02/2024 2:50	3.0	271	23	5.3	0.0
14/02/2024 3:00	3.3	261	31	6.0	0.0
14/02/2024 3:10	3.6	297	24	5.4	0.0
14/02/2024 3:20	3.6	301	24	5.7	0.0
14/02/2024 3:30	2.7	317	22	4.8	0.0
14/02/2024 3:40	1.7	327	49	3.0	0.0
14/02/2024 3:50	1.2	316	37	1.8	0.0
14/02/2024 4:00	1.8	355	19	2.8	0.0
14/02/2024 4:10	1.3	174	16	2.0	0.0
14/02/2024 4:20	1.7	8	19	2.6	0.0
14/02/2024 4:30	1.4	323	22	2.5	0.0
14/02/2024 4:40	1.7	311	17	2.9	0.0
14/02/2024 4:50	2.8	328	12	4.0	0.0
14/02/2024 5:00	1.8	303	22	2.8	0.0
14/02/2024 5:10	2.0	314	17	2.8	0.0
14/02/2024 5:20	2.6	295	18	3.7	0.0
14/02/2024 5:30	2.8	270	24	4.6	0.0
14/02/2024 5:40	2.5	292	22	3.7	0.0
14/02/2024 5:50	1.7	298	26	2.8	0.0
14/02/2024 6:00	1.8	280	22	3.0	0.0
14/02/2024 6:10	1.9	286	20	3.2	0.0
14/02/2024 6:20	2.6	278	20	4.1	0.0
14/02/2024 6:30	2.2	290	26	3.9	0.0
14/02/2024 6:40	2.6	308	23	3.7	0.0
14/02/2024 6:50	2.1	295	26	3.6	0.0
14/02/2024 7:00	2.4	300	20	3.6	0.0
14/02/2024 7:10	2.3	286	22	3.6	0.0
14/02/2024 7:20	2.5	283	20	4.0	0.0
14/02/2024 7:30	2.4	277	22	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 7:40	2.6	294	21	4.4	0.0
14/02/2024 7:50	2.9	276	24	4.5	0.0
14/02/2024 8:00	2.8	280	26	4.0	0.0
14/02/2024 8:10	3.4	296	19	5.6	0.0
14/02/2024 8:20	3.3	307	20	4.8	0.0
14/02/2024 8:30	2.3	301	18	5.1	0.0
14/02/2024 8:40	2.5	277	30	4.9	0.0
14/02/2024 8:50	2.4	266	31	3.9	0.0
14/02/2024 9:00	2.3	286	24	3.6	0.0
14/02/2024 9:10	2.3	282	29	3.6	0.0
14/02/2024 9:20	2.2	293	27	3.7	0.0
14/02/2024 9:30	2.2	269	29	3.8	0.0
14/02/2024 9:40	1.8	295	31	3.2	0.0
14/02/2024 9:50	2.0	279	47	3.1	0.0
14/02/2024 10:00	1.6	220	44	3.1	0.0
14/02/2024 10:10	1.8	309	55	3.6	0.0
14/02/2024 10:20	1.6	331	38	3.1	0.0
14/02/2024 10:30	2.1	319	52	3.5	0.0
14/02/2024 10:40	2.2	316	27	3.9	0.0
14/02/2024 10:50	2.1	344	38	4.4	0.0
14/02/2024 11:00	3.2	208	23	4.5	0.0
14/02/2024 11:10	2.6	305	40	4.6	0.0
14/02/2024 11:20	2.9	324	32	4.6	0.0
14/02/2024 11:30	3.3	337	27	5.5	0.0
14/02/2024 11:40	3.1	325	25	4.7	0.0
14/02/2024 11:50	3.7	342	23	5.6	0.0
14/02/2024 12:00	3.5	329	20	5.5	0.0
14/02/2024 12:10	3.3	335	20	5.1	0.0
14/02/2024 12:20	2.4	312	35	4.9	0.0
14/02/2024 12:30	3.2	36	29	4.9	0.0
14/02/2024 12:40	3.4	58	15	4.4	0.0
14/02/2024 12:50	2.7	29	47	4.7	0.0
14/02/2024 13:00	3.0	179	25	4.8	0.0
14/02/2024 13:10	3.5	349	38	5.6	0.0
14/02/2024 13:20	3.1	346	36	5.6	0.0
14/02/2024 13:30	3.6	317	24	5.9	0.0
14/02/2024 13:40	3.6	333	26	5.6	0.0
14/02/2024 13:50	3.1	313	23	4.8	0.0
14/02/2024 14:00	3.6	337	18	5.5	0.0
14/02/2024 14:10	3.7	332	25	5.8	0.0
14/02/2024 14:20	3.6	333	26	5.3	0.0
14/02/2024 14:30	2.9	311	26	5.0	0.0
14/02/2024 14:40	3.5	330	19	5.7	0.0
14/02/2024 14:50	3.8	323	21	6.0	0.0
14/02/2024 15:00	4.3	327	16	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 15:10	4.2	332	17	6.4	0.0
14/02/2024 15:20	4.1	326	18	6.2	0.0
14/02/2024 15:30	3.8	319	19	6.0	0.0
14/02/2024 15:40	4.7	333	14	6.8	0.0
14/02/2024 15:50	5.1	323	14	7.2	0.0
14/02/2024 16:00	5.0	324	16	6.9	0.0
14/02/2024 16:10	5.1	322	14	7.2	0.0
14/02/2024 16:20	5.4	322	16	8.1	0.0
14/02/2024 16:30	5.0	313	16	7.6	0.0
14/02/2024 16:40	5.0	323	17	7.4	0.0
14/02/2024 16:50	5.0	329	13	7.3	0.0
14/02/2024 17:00	5.2	323	14	7.5	0.0
14/02/2024 17:10	5.0	325	16	7.1	0.0
14/02/2024 17:20	4.7	323	16	6.9	0.0
14/02/2024 17:30	4.7	310	20	7.2	0.0
14/02/2024 17:40	4.7	322	16	7.3	0.0
14/02/2024 17:50	5.0	316	19	7.3	0.0
14/02/2024 18:00	5.3	324	15	7.3	0.0
14/02/2024 18:10	4.5	317	19	7.2	0.0
14/02/2024 18:20	4.4	299	21	6.6	0.0
14/02/2024 18:30	3.1	299	19	6.0	0.0
14/02/2024 18:40	2.8	293	19	6.2	0.0
14/02/2024 18:50	3.6	289	20	6.4	0.0
14/02/2024 19:00	2.2	294	13	5.0	0.0
14/02/2024 19:10	2.4	278	15	5.2	0.0
14/02/2024 19:20	3.8	280	23	5.7	0.0
14/02/2024 19:30	3.2	283	21	5.1	0.0
14/02/2024 19:40	3.1	274	21	5.5	0.0
14/02/2024 19:50	3.0	280	25	4.5	0.0
14/02/2024 20:00	2.7	286	26	4.6	0.0
14/02/2024 20:10	2.7	278	21	4.4	0.0
14/02/2024 20:20	2.6	268	19	4.6	0.0
14/02/2024 20:30	2.8	253	36	4.5	0.0
14/02/2024 20:40	5.8	196	12	7.9	0.0
14/02/2024 20:50	4.1	194	19	6.4	0.0
14/02/2024 21:00	3.3	212	29	5.5	0.0
14/02/2024 21:10	1.4	315	27	2.3	0.0
14/02/2024 21:20	0.9	247	17	2.2	0.0
14/02/2024 21:30	1.4	136	22	2.4	0.0
14/02/2024 21:40	0.7	208	9	1.9	0.0
14/02/2024 21:50	0.8	299	14	1.2	0.0
14/02/2024 22:00	1.7	313	25	2.5	0.0
14/02/2024 22:10	1.8	267	24	2.4	0.0
14/02/2024 22:20	1.7	255	27	2.7	0.0
14/02/2024 22:30	2.1	267	16	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/02/2024 22:40	2.0	266	17	2.7	0.0
14/02/2024 22:50	2.0	236	27	3.2	0.0
14/02/2024 23:00	1.9	265	17	2.8	0.0
14/02/2024 23:10	1.6	256	23	2.5	0.0
14/02/2024 23:20	1.9	282	22	3.2	0.0
14/02/2024 23:30	2.3	267	16	3.2	0.0
14/02/2024 23:40	2.3	289	19	3.5	0.0
14/02/2024 23:50	3.0	299	18	4.2	0.0
15/02/2024 0:00	2.8	301	16	4.7	0.0
15/02/2024 0:10	2.9	301	15	4.1	0.0
15/02/2024 0:20	3.3	300	17	4.5	0.0
15/02/2024 0:30	3.7	305	17	6.7	0.0
15/02/2024 0:40	3.4	300	21	5.3	0.0
15/02/2024 0:50	4.0	308	18	6.4	0.0
15/02/2024 1:00	3.9	300	20	6.5	0.0
15/02/2024 1:10	3.7	305	16	5.6	0.0
15/02/2024 1:20	4.0	302	17	6.2	0.0
15/02/2024 1:30	3.4	301	16	5.4	0.0
15/02/2024 1:40	3.1	283	21	4.5	0.0
15/02/2024 1:50	2.8	272	20	4.4	0.0
15/02/2024 2:00	2.5	290	20	4.0	0.0
15/02/2024 2:10	2.8	286	19	4.2	0.0
15/02/2024 2:20	2.5	306	19	4.0	0.0
15/02/2024 2:30	3.0	326	15	5.1	0.0
15/02/2024 2:40	2.8	314	16	4.2	0.0
15/02/2024 2:50	3.1	302	15	4.8	0.0
15/02/2024 3:00	2.1	306	20	3.6	0.0
15/02/2024 3:10	2.5	318	20	3.6	0.0
15/02/2024 3:20	2.5	320	15	3.3	0.0
15/02/2024 3:30	2.6	306	15	4.0	0.0
15/02/2024 3:40	2.5	312	15	3.6	0.0
15/02/2024 3:50	1.9	277	19	2.8	0.0
15/02/2024 4:00	1.8	269	19	2.8	0.0
15/02/2024 4:10	1.2	275	23	1.9	0.0
15/02/2024 4:20	0.4	228	14	0.9	0.0
15/02/2024 4:30	0.5	168	12	1.0	0.0
15/02/2024 4:40	0.5	200	9	1.4	0.0
15/02/2024 4:50	0.8	130	24	1.8	0.0
15/02/2024 5:00	0.4	133	16	1.6	0.0
15/02/2024 5:10	0.6	205	6	1.8	0.0
15/02/2024 5:20					0.0
15/02/2024 5:30					0.0
15/02/2024 5:40					0.0
15/02/2024 5:50	0.8	197	5	2.5	0.0
15/02/2024 6:00	1.4	219	28	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 6:10	1.2	213	32	2.4	0.0
15/02/2024 6:20	1.1	213	22	2.4	0.0
15/02/2024 6:30	2.1	202	30	3.2	0.0
15/02/2024 6:40	1.7	239	50	3.1	0.0
15/02/2024 6:50	2.4	239	46	5.1	0.0
15/02/2024 7:00	2.5	225	46	4.1	0.0
15/02/2024 7:10	2.2	226	36	4.4	0.0
15/02/2024 7:20	2.3	237	38	4.0	0.0
15/02/2024 7:30	2.4	222	36	4.1	0.0
15/02/2024 7:40	2.9	238	35	5.3	0.0
15/02/2024 7:50	1.9	247	47	3.6	0.0
15/02/2024 8:00	2.0	213	43	4.1	0.0
15/02/2024 8:10	2.3	230	39	4.7	0.0
15/02/2024 8:20	3.1	277	29	5.0	0.0
15/02/2024 8:30	2.4	230	31	4.0	0.0
15/02/2024 8:40	1.8	91	28	3.3	0.0
15/02/2024 8:50	1.5	137	36	2.8	0.0
15/02/2024 9:00	1.1	173	50	2.4	0.0
15/02/2024 9:10	2.0	81	18	3.1	0.1
15/02/2024 9:20	1.5	96	26	2.2	0.0
15/02/2024 9:30	2.2	74	16	3.4	0.0
15/02/2024 9:40	1.9	67	27	2.7	0.0
15/02/2024 9:50	2.2	55	24	3.0	0.0
15/02/2024 10:00	1.8	44	13	2.7	0.0
15/02/2024 10:10	1.3	38	21	2.3	0.0
15/02/2024 10:20	2.1	204	24	3.8	0.0
15/02/2024 10:30	1.8	222	37	3.3	0.0
15/02/2024 10:40	2.4	221	37	3.7	0.0
15/02/2024 10:50	1.8	255	47	3.0	0.0
15/02/2024 11:00	2.3	284	24	3.8	0.0
15/02/2024 11:10	2.0	303	27	3.3	0.0
15/02/2024 11:20	2.3	273	24	3.9	0.0
15/02/2024 11:30	2.3	272	29	4.4	0.0
15/02/2024 11:40	2.5	284	22	4.8	0.0
15/02/2024 11:50	1.6	272	27	4.1	0.0
15/02/2024 12:00	2.2	283	28	4.1	0.0
15/02/2024 12:10	2.0	290	27	3.6	0.0
15/02/2024 12:20	1.5	282	21	3.7	0.0
15/02/2024 12:30	2.1	281	21	4.9	0.0
15/02/2024 12:40	1.6	278	19	4.3	0.0
15/02/2024 12:50	1.7	274	28	3.9	0.0
15/02/2024 13:00	2.0	283	21	4.7	0.0
15/02/2024 13:10	1.6	272	19	4.8	0.0
15/02/2024 13:20	2.2	265	22	4.4	0.0
15/02/2024 13:30	0.5	273	11	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 13:40	0.8	274	13	3.5	0.0
15/02/2024 13:50	0.3	275	9	2.8	0.0
15/02/2024 14:00	0.5	298	8	4.4	0.0
15/02/2024 14:10	0.7	290	14	3.6	0.0
15/02/2024 14:20	2.7	302	24	6.5	0.0
15/02/2024 14:30	0.1	287	4	1.4	0.0
15/02/2024 14:40	1.2	301	15	4.9	0.0
15/02/2024 14:50					0.0
15/02/2024 15:00	0.7	311	12	3.0	0.0
15/02/2024 15:10					0.0
15/02/2024 15:20					0.0
15/02/2024 15:30					0.0
15/02/2024 15:40					0.0
15/02/2024 15:50					0.0
15/02/2024 16:00					0.0
15/02/2024 16:10					0.0
15/02/2024 16:20					0.0
15/02/2024 16:30					0.0
15/02/2024 16:40					0.0
15/02/2024 16:50	0.1	278	0	3.0	0.0
15/02/2024 17:00					0.0
15/02/2024 17:10					0.0
15/02/2024 17:20	0.6	283	9	3.6	0.0
15/02/2024 17:30	1.4	286	16	5.6	0.0
15/02/2024 17:40	0.6	298	11	4.4	0.0
15/02/2024 17:50	1.2	297	10	5.3	0.0
15/02/2024 18:00	2.2	296	16	5.2	0.0
15/02/2024 18:10	2.4	288	17	5.4	0.0
15/02/2024 18:20	3.0	279	19	5.4	0.0
15/02/2024 18:30	3.5	282	17	6.0	0.0
15/02/2024 18:40	3.4	282	25	5.9	0.0
15/02/2024 18:50	3.6	281	21	5.8	0.0
15/02/2024 19:00	3.8	283	19	5.9	0.0
15/02/2024 19:10	3.5	285	22	5.3	0.0
15/02/2024 19:20	3.9	294	23	6.7	0.0
15/02/2024 19:30	3.9	283	21	6.0	0.0
15/02/2024 19:40	4.0	275	19	5.4	0.0
15/02/2024 19:50	3.6	290	20	5.7	0.0
15/02/2024 20:00	3.4	282	24	5.6	0.0
15/02/2024 20:10	3.5	276	18	5.2	0.0
15/02/2024 20:20	3.6	279	18	5.8	0.0
15/02/2024 20:30	3.3	277	19	4.8	0.0
15/02/2024 20:40	3.0	277	20	4.7	0.0
15/02/2024 20:50	3.2	268	18	4.7	0.0
15/02/2024 21:00	3.2	217	27	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/02/2024 21:10	2.6	260	39	4.9	0.0
15/02/2024 21:20	3.1	232	29	5.5	0.0
15/02/2024 21:30	2.8	268	27	4.9	0.0
15/02/2024 21:40	2.4	235	33	4.4	0.0
15/02/2024 21:50	2.3	250	28	3.8	0.0
15/02/2024 22:00	2.2	263	34	4.0	0.0
15/02/2024 22:10	2.6	269	29	4.4	0.0
15/02/2024 22:20	2.5	241	33	4.9	0.0
15/02/2024 22:30	2.1	253	36	4.0	0.0
15/02/2024 22:40	2.9	271	27	4.4	0.0
15/02/2024 22:50	3.6	272	20	5.3	0.0
15/02/2024 23:00	2.6	267	33	4.5	0.0
15/02/2024 23:10	3.4	267	20	5.1	0.0
15/02/2024 23:20	3.2	272	25	5.2	0.0
15/02/2024 23:30	2.4	264	28	4.0	0.0
15/02/2024 23:40	2.6	275	24	4.3	0.0
15/02/2024 23:50	2.9	272	19	4.4	0.0
16/02/2024 0:00	2.9	270	20	4.6	0.0
16/02/2024 0:10	3.1	264	26	4.8	0.0
16/02/2024 0:20	3.0	279	19	4.8	0.0
16/02/2024 0:30	3.1	278	17	4.7	0.0
16/02/2024 0:40	2.5	264	41	4.1	0.0
16/02/2024 0:50	2.2	277	41	3.7	0.0
16/02/2024 1:00	1.8	252	60	3.5	0.0
16/02/2024 1:10	1.6	223	40	2.9	0.0
16/02/2024 1:20	1.6	159	54	2.8	0.0
16/02/2024 1:30	1.0	188	49	2.1	0.0
16/02/2024 1:40	1.7	222	27	2.8	0.0
16/02/2024 1:50	1.2	230	52	3.0	0.0
16/02/2024 2:00	1.0	260	50	2.2	0.0
16/02/2024 2:10	1.7	208	30	3.2	0.0
16/02/2024 2:20	1.3	214	40	3.0	0.0
16/02/2024 2:30	2.0	197	22	3.5	0.0
16/02/2024 2:40	1.9	201	27	3.6	0.0
16/02/2024 2:50	1.1	258	36	2.8	0.0
16/02/2024 3:00	1.2	217	38	2.8	0.0
16/02/2024 3:10	1.9	256	31	3.6	0.0
16/02/2024 3:20	2.5	279	18	3.9	0.0
16/02/2024 3:30	2.4	260	37	4.8	0.0
16/02/2024 3:40	1.6	187	45	2.8	0.0
16/02/2024 3:50	2.1	244	28	3.6	0.0
16/02/2024 4:00	1.3	203	53	2.9	0.0
16/02/2024 4:10	2.5	232	41	5.0	0.0
16/02/2024 4:20	2.9	262	42	5.0	0.0
16/02/2024 4:30	1.7	198	43	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 4:40	1.4	264	62	2.3	0.0
16/02/2024 4:50	1.7	285	38	2.3	0.0
16/02/2024 5:00	1.0	231	46	2.7	0.0
16/02/2024 5:10	1.2	132	36	1.7	0.0
16/02/2024 5:20	0.5	215	14	1.2	0.0
16/02/2024 5:30	0.4	323	5	1.2	0.0
16/02/2024 5:40	1.3	269	33	1.9	0.0
16/02/2024 5:50	1.3	224	26	2.1	0.0
16/02/2024 6:00	1.7	253	50	3.1	0.0
16/02/2024 6:10	2.0	235	41	3.8	0.0
16/02/2024 6:20	1.7	259	73	3.2	0.0
16/02/2024 6:30	1.7	272	29	2.9	0.0
16/02/2024 6:40	1.6	254	40	3.1	0.0
16/02/2024 6:50	0.9	209	40	1.8	0.0
16/02/2024 7:00	2.2	236	30	3.8	0.0
16/02/2024 7:10	1.2	228	31	2.8	0.0
16/02/2024 7:20	1.8	276	22	2.8	0.0
16/02/2024 7:30	1.9	228	32	2.8	0.0
16/02/2024 7:40	2.0	195	26	3.2	0.0
16/02/2024 7:50	1.7	278	35	3.2	0.0
16/02/2024 8:00	2.3	294	30	3.6	0.0
16/02/2024 8:10	1.7	239	38	3.1	0.0
16/02/2024 8:20	1.6	274	29	2.5	0.0
16/02/2024 8:30	1.7	278	32	3.0	0.0
16/02/2024 8:40	3.0	303	21	4.5	0.0
16/02/2024 8:50	2.6	276	24	4.8	0.0
16/02/2024 9:00	2.9	278	26	5.2	0.0
16/02/2024 9:10	2.6	283	20	3.7	0.0
16/02/2024 9:20	2.8	273	21	4.8	0.0
16/02/2024 9:30	3.3	295	19	5.0	0.0
16/02/2024 9:40	3.1	299	24	5.4	0.0
16/02/2024 9:50	3.1	299	21	4.8	0.0
16/02/2024 10:00	3.2	291	21	5.0	0.0
16/02/2024 10:10	3.3	288	22	6.1	0.0
16/02/2024 10:20	3.0	287	20	5.3	0.0
16/02/2024 10:30	3.4	264	20	5.2	0.0
16/02/2024 10:40	3.7	278	21	5.4	0.0
16/02/2024 10:50	3.0	267	20	5.5	0.0
16/02/2024 11:00	3.6	277	20	5.9	0.0
16/02/2024 11:10	2.9	271	19	4.8	0.0
16/02/2024 11:20	3.7	287	23	5.3	0.0
16/02/2024 11:30	3.9	284	17	5.6	0.0
16/02/2024 11:40	3.9	287	21	6.4	0.0
16/02/2024 11:50	3.8	276	26	5.7	0.0
16/02/2024 12:00	3.7	282	21	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 12:10	4.1	280	27	6.4	0.0
16/02/2024 12:20	4.1	279	22	6.2	0.0
16/02/2024 12:30	4.4	280	27	6.4	0.0
16/02/2024 12:40	4.2	289	24	6.4	0.0
16/02/2024 12:50	4.4	292	21	6.5	0.0
16/02/2024 13:00	4.0	286	19	5.8	0.0
16/02/2024 13:10	4.7	297	21	7.5	0.0
16/02/2024 13:20	4.9	294	18	7.0	0.0
16/02/2024 13:30	4.5	289	21	7.2	0.0
16/02/2024 13:40	5.0	294	25	8.3	0.0
16/02/2024 13:50	4.6	294	23	6.7	0.0
16/02/2024 14:00	4.9	296	20	7.9	0.0
16/02/2024 14:10	4.7	290	20	7.5	0.0
16/02/2024 14:20	5.1	292	24	7.7	0.0
16/02/2024 14:30	5.1	292	21	9.3	0.0
16/02/2024 14:40	4.9	301	18	8.8	0.0
16/02/2024 14:50	5.4	294	21	9.3	0.0
16/02/2024 15:00	4.9	292	22	9.2	0.0
16/02/2024 15:10	4.9	289	19	8.2	0.0
16/02/2024 15:20	4.9	285	20	7.5	0.0
16/02/2024 15:30	5.4	276	21	8.7	0.0
16/02/2024 15:40	4.9	263	21	7.9	0.0
16/02/2024 15:50	4.1	273	22	6.9	0.0
16/02/2024 16:00	4.1	266	26	7.5	0.0
16/02/2024 16:10	4.9	272	18	7.9	0.0
16/02/2024 16:20	3.5	272	21	6.7	0.0
16/02/2024 16:30	3.6	270	22	6.8	0.0
16/02/2024 16:40	3.5	277	20	7.3	0.0
16/02/2024 16:50	3.6	269	17	6.4	0.0
16/02/2024 17:00	2.1	268	17	5.9	0.0
16/02/2024 17:10	3.0	271	16	6.8	0.0
16/02/2024 17:20	3.9	270	21	6.3	0.0
16/02/2024 17:30	3.7	267	17	6.7	0.0
16/02/2024 17:40	3.9	267	23	6.7	0.0
16/02/2024 17:50	3.8	272	21	5.8	0.0
16/02/2024 18:00	4.0	270	20	6.0	0.0
16/02/2024 18:10	3.7	269	23	6.4	0.0
16/02/2024 18:20	3.6	268	22	5.3	0.0
16/02/2024 18:30	3.7	262	30	6.5	0.0
16/02/2024 18:40	2.2	269	19	5.6	0.0
16/02/2024 18:50	3.3	271	25	5.7	0.0
16/02/2024 19:00	3.7	271	22	5.8	0.0
16/02/2024 19:10	2.8	270	23	6.0	0.0
16/02/2024 19:20	2.6	274	30	5.6	0.0
16/02/2024 19:30	3.9	267	23	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/02/2024 19:40	3.2	263	34	5.6	0.0
16/02/2024 19:50	3.4	272	23	6.5	0.0
16/02/2024 20:00	4.2	274	19	6.8	0.0
16/02/2024 20:10	3.7	272	19	5.7	0.0
16/02/2024 20:20	3.9	270	21	5.8	0.0
16/02/2024 20:30	3.7	276	19	5.6	0.0
16/02/2024 20:40	3.4	277	17	5.4	0.0
16/02/2024 20:50	3.5	272	20	5.6	0.0
16/02/2024 21:00	3.3	274	24	5.0	0.0
16/02/2024 21:10	3.6	275	22	5.6	0.0
16/02/2024 21:20	3.4	268	33	5.6	0.0
16/02/2024 21:30	3.2	271	29	5.7	0.0
16/02/2024 21:40	3.3	276	36	5.7	0.0
16/02/2024 21:50	2.2	255	52	4.8	0.0
16/02/2024 22:00	1.8	205	79	4.2	0.0
16/02/2024 22:10	2.1	262	52	4.5	0.0
16/02/2024 22:20	1.9	275	42	4.5	0.0
16/02/2024 22:30	2.4	252	43	4.6	0.0
16/02/2024 22:40	2.4	252	43	4.8	0.0
16/02/2024 22:50	2.5	250	39	5.2	0.0
16/02/2024 23:00	2.2	239	44	4.7	0.0
16/02/2024 23:10	2.0	267	51	5.0	0.0
16/02/2024 23:20	2.5	247	48	5.4	0.0
16/02/2024 23:30	2.4	243	36	5.1	0.0
16/02/2024 23:40	2.2	246	58	4.1	0.0
16/02/2024 23:50	1.8	205	59	3.9	0.0
17/02/2024 0:00	1.9	243	52	4.1	0.0
17/02/2024 0:10	2.3	253	46	4.2	0.0
17/02/2024 0:20	1.8	258	53	3.6	0.0
17/02/2024 0:30	1.5	227	59	2.8	0.0
17/02/2024 0:40	1.5	242	58	3.4	0.0
17/02/2024 0:50	1.9	246	54	4.2	0.0
17/02/2024 1:00	2.3	252	43	4.8	0.0
17/02/2024 1:10	2.0	231	51	3.6	0.0
17/02/2024 1:20	1.6	275	60	3.6	0.0
17/02/2024 1:30	3.0	274	29	5.7	0.0
17/02/2024 1:40	2.2	247	45	4.4	0.0
17/02/2024 1:50	2.8	280	23	4.0	0.0
17/02/2024 2:00	2.0	246	50	3.6	0.0
17/02/2024 2:10	1.9	237	49	3.2	0.0
17/02/2024 2:20	1.8	242	45	3.6	0.0
17/02/2024 2:30	1.4	260	68	3.1	0.0
17/02/2024 2:40	2.0	276	38	3.6	0.0
17/02/2024 2:50	2.0	274	44	3.6	0.0
17/02/2024 3:00	1.6	274	28	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 3:10	2.2	266	29	3.5	0.0
17/02/2024 3:20	2.4	251	42	4.2	0.0
17/02/2024 3:30	2.3	240	40	4.4	0.0
17/02/2024 3:40	2.8	278	27	4.4	0.0
17/02/2024 3:50	2.8	285	24	4.8	0.0
17/02/2024 4:00	3.1	286	25	5.4	0.0
17/02/2024 4:10	3.0	275	24	4.7	0.0
17/02/2024 4:20	2.8	271	23	4.4	0.0
17/02/2024 4:30	2.5	284	27	3.6	0.0
17/02/2024 4:40	2.0	275	28	3.8	0.0
17/02/2024 4:50	1.8	250	37	3.2	0.0
17/02/2024 5:00	1.1	193	47	2.3	0.0
17/02/2024 5:10	2.2	92	14	3.1	0.0
17/02/2024 5:20	1.5	56	15	2.4	0.0
17/02/2024 5:30	2.1	49	16	3.2	0.0
17/02/2024 5:40	1.5	20	18	2.0	0.0
17/02/2024 5:50	1.5	354	17	2.0	0.0
17/02/2024 6:00	0.6	20	21	1.2	0.0
17/02/2024 6:10	1.6	262	13	2.3	0.0
17/02/2024 6:20	2.1	233	27	3.2	0.0
17/02/2024 6:30	2.9	227	26	4.8	0.0
17/02/2024 6:40	3.8	220	38	6.8	0.0
17/02/2024 6:50	3.7	219	45	7.4	0.0
17/02/2024 7:00	3.7	272	32	6.2	0.0
17/02/2024 7:10	4.5	280	22	8.1	0.0
17/02/2024 7:20	4.6	266	21	7.7	0.0
17/02/2024 7:30	4.3	265	22	6.8	0.0
17/02/2024 7:40	4.6	276	22	6.8	0.0
17/02/2024 7:50	3.6	265	24	6.8	0.0
17/02/2024 8:00	4.2	275	20	6.5	0.0
17/02/2024 8:10	3.8	267	26	6.0	0.0
17/02/2024 8:20	1.1	248	56	3.6	0.0
17/02/2024 8:30	0.4	240	38	2.8	0.0
17/02/2024 8:40	0.2	264	22	4.3	0.0
17/02/2024 8:50	0.1	239	6	2.0	0.0
17/02/2024 9:00					0.0
17/02/2024 9:10					0.0
17/02/2024 9:20					0.0
17/02/2024 9:30					0.0
17/02/2024 9:40					0.0
17/02/2024 9:50					0.0
17/02/2024 10:00					0.0
17/02/2024 10:10					0.0
17/02/2024 10:20					0.0
17/02/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 10:40					0.0
17/02/2024 10:50					0.0
17/02/2024 11:00					0.0
17/02/2024 11:10					0.0
17/02/2024 11:20					0.0
17/02/2024 11:30					0.0
17/02/2024 11:40					0.0
17/02/2024 11:50					0.0
17/02/2024 12:00					0.0
17/02/2024 12:10					0.0
17/02/2024 12:20					0.0
17/02/2024 12:30					0.0
17/02/2024 12:40					0.0
17/02/2024 12:50					0.0
17/02/2024 13:00					0.0
17/02/2024 13:10					0.0
17/02/2024 13:20					0.0
17/02/2024 13:30					0.0
17/02/2024 13:40					0.0
17/02/2024 13:50					0.0
17/02/2024 14:00					0.0
17/02/2024 14:10					0.0
17/02/2024 14:20					0.0
17/02/2024 14:30					0.0
17/02/2024 14:40					0.0
17/02/2024 14:50					0.0
17/02/2024 15:00					0.0
17/02/2024 15:10					0.0
17/02/2024 15:20					0.0
17/02/2024 15:30					0.0
17/02/2024 15:40					0.0
17/02/2024 15:50					0.0
17/02/2024 16:00					0.0
17/02/2024 16:10					0.0
17/02/2024 16:20					0.0
17/02/2024 16:30					0.0
17/02/2024 16:40					0.0
17/02/2024 16:50					0.0
17/02/2024 17:00					0.0
17/02/2024 17:10					0.0
17/02/2024 17:20					0.0
17/02/2024 17:30					0.0
17/02/2024 17:40					0.0
17/02/2024 17:50					0.0
17/02/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/02/2024 18:10					0.0
17/02/2024 18:20					0.0
17/02/2024 18:30					0.0
17/02/2024 18:40					0.0
17/02/2024 18:50					0.0
17/02/2024 19:00					0.0
17/02/2024 19:10					0.0
17/02/2024 19:20					0.0
17/02/2024 19:30					0.0
17/02/2024 19:40					0.0
17/02/2024 19:50					0.0
17/02/2024 20:00					0.0
17/02/2024 20:10					0.0
17/02/2024 20:20					0.0
17/02/2024 20:30					0.0
17/02/2024 20:40					0.0
17/02/2024 20:50					0.0
17/02/2024 21:00					0.0
17/02/2024 21:10					0.0
17/02/2024 21:20					0.0
17/02/2024 21:30					0.0
17/02/2024 21:40					0.0
17/02/2024 21:50					0.0
17/02/2024 22:00					0.0
17/02/2024 22:10					0.0
17/02/2024 22:20					0.0
17/02/2024 22:30					0.0
17/02/2024 22:40					0.0
17/02/2024 22:50					0.0
17/02/2024 23:00					0.0
17/02/2024 23:10					0.0
17/02/2024 23:20					0.0
17/02/2024 23:30					0.0
17/02/2024 23:40					0.0
17/02/2024 23:50	0.0	222	9	1.0	0.0
18/02/2024 0:00					0.0
18/02/2024 0:10	0.1	152	14	0.8	0.0
18/02/2024 0:20	0.1	239	30	1.2	0.0
18/02/2024 0:30	0.0	133	6	1.4	0.0
18/02/2024 0:40	0.4	245	32	2.0	0.0
18/02/2024 0:50	0.4	248	18	2.5	0.0
18/02/2024 1:00	1.0	219	29	2.3	0.0
18/02/2024 1:10	1.0	216	45	2.4	0.0
18/02/2024 1:20	1.7	197	30	2.8	0.0
18/02/2024 1:30	1.0	255	44	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 1:40	1.4	224	36	2.7	0.0
18/02/2024 1:50	0.6	264	38	2.5	0.0
18/02/2024 2:00	0.8	256	42	2.6	0.0
18/02/2024 2:10	1.6	276	35	3.0	0.0
18/02/2024 2:20	1.4	259	28	2.8	0.0
18/02/2024 2:30	0.9	276	25	2.6	0.0
18/02/2024 2:40	1.2	256	27	2.4	0.0
18/02/2024 2:50	0.8	256	25	2.5	0.0
18/02/2024 3:00	0.3	258	23	1.4	0.0
18/02/2024 3:10	0.7	242	32	2.7	0.0
18/02/2024 3:20	0.2	250	23	1.6	0.0
18/02/2024 3:30	0.3	250	26	1.7	0.0
18/02/2024 3:40	0.4	257	23	2.1	0.0
18/02/2024 3:50	0.6	243	28	1.8	0.0
18/02/2024 4:00	0.6	271	14	1.8	0.0
18/02/2024 4:10	1.0	271	16	2.6	0.0
18/02/2024 4:20	1.4	268	20	2.4	0.0
18/02/2024 4:30	1.3	277	20	2.6	0.0
18/02/2024 4:40	1.5	260	27	2.7	0.0
18/02/2024 4:50	1.3	268	25	2.2	0.0
18/02/2024 5:00	1.9	263	23	3.1	0.0
18/02/2024 5:10	2.0	267	28	3.2	0.0
18/02/2024 5:20	1.7	272	18	2.6	0.0
18/02/2024 5:30	2.3	261	24	3.6	0.0
18/02/2024 5:40	2.5	272	18	3.7	0.0
18/02/2024 5:50	2.6	269	17	4.1	0.0
18/02/2024 6:00	2.6	275	19	3.5	0.0
18/02/2024 6:10	2.2	278	20	3.6	0.0
18/02/2024 6:20	2.8	271	18	4.0	0.0
18/02/2024 6:30	2.8	268	19	4.8	0.0
18/02/2024 6:40	3.0	276	19	4.4	0.0
18/02/2024 6:50	2.9	278	20	4.9	0.0
18/02/2024 7:00	3.3	271	18	4.5	0.0
18/02/2024 7:10	3.4	268	19	4.9	0.0
18/02/2024 7:20	3.5	268	20	5.2	0.0
18/02/2024 7:30	3.2	266	21	5.4	0.0
18/02/2024 7:40	1.1	268	23	2.8	0.0
18/02/2024 7:50					0.0
18/02/2024 8:00					0.0
18/02/2024 8:10					0.0
18/02/2024 8:20					0.0
18/02/2024 8:30					0.0
18/02/2024 8:40					0.0
18/02/2024 8:50					0.0
18/02/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 9:10					0.0
18/02/2024 9:20					0.0
18/02/2024 9:30					0.0
18/02/2024 9:40					0.0
18/02/2024 9:50					0.0
18/02/2024 10:00					0.0
18/02/2024 10:10					0.0
18/02/2024 10:20					0.0
18/02/2024 10:30					0.0
18/02/2024 10:40					0.0
18/02/2024 10:50					0.0
18/02/2024 11:00					0.0
18/02/2024 11:10					0.0
18/02/2024 11:20					0.0
18/02/2024 11:30					0.0
18/02/2024 11:40					0.0
18/02/2024 11:50					0.0
18/02/2024 12:00					0.0
18/02/2024 12:10					0.0
18/02/2024 12:20					0.0
18/02/2024 12:30					0.0
18/02/2024 12:40					0.0
18/02/2024 12:50					0.0
18/02/2024 13:00					0.0
18/02/2024 13:10					0.0
18/02/2024 13:20					0.0
18/02/2024 13:30					0.0
18/02/2024 13:40					0.0
18/02/2024 13:50					0.0
18/02/2024 14:00					0.0
18/02/2024 14:10					0.0
18/02/2024 14:20					0.0
18/02/2024 14:30					0.0
18/02/2024 14:40					0.0
18/02/2024 14:50					0.0
18/02/2024 15:00					0.0
18/02/2024 15:10					0.0
18/02/2024 15:20					0.0
18/02/2024 15:30					0.0
18/02/2024 15:40					0.0
18/02/2024 15:50					0.0
18/02/2024 16:00					0.0
18/02/2024 16:10					0.0
18/02/2024 16:20					0.0
18/02/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/02/2024 16:40					0.0
18/02/2024 16:50					0.0
18/02/2024 17:00					0.0
18/02/2024 17:10					0.0
18/02/2024 17:20					0.0
18/02/2024 17:30					0.0
18/02/2024 17:40					0.0
18/02/2024 17:50					0.0
18/02/2024 18:00					0.0
18/02/2024 18:10					0.0
18/02/2024 18:20					0.0
18/02/2024 18:30					0.0
18/02/2024 18:40					0.0
18/02/2024 18:50					0.0
18/02/2024 19:00					0.0
18/02/2024 19:10					0.0
18/02/2024 19:20					0.0
18/02/2024 19:30					0.0
18/02/2024 19:40					0.0
18/02/2024 19:50					0.0
18/02/2024 20:00					0.0
18/02/2024 20:10					0.0
18/02/2024 20:20					0.0
18/02/2024 20:30					0.0
18/02/2024 20:40					0.0
18/02/2024 20:50					0.0
18/02/2024 21:00					0.0
18/02/2024 21:10					0.0
18/02/2024 21:20					0.0
18/02/2024 21:30					0.0
18/02/2024 21:40					0.0
18/02/2024 21:50					0.0
18/02/2024 22:00					0.0
18/02/2024 22:10					0.0
18/02/2024 22:20					0.0
18/02/2024 22:30					0.0
18/02/2024 22:40					0.0
18/02/2024 22:50					0.0
18/02/2024 23:00					0.0
18/02/2024 23:10					0.0
18/02/2024 23:20					0.0
18/02/2024 23:30					0.0
18/02/2024 23:40					0.0
18/02/2024 23:50					0.0
19/02/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 0:10					0.0
19/02/2024 0:20					0.0
19/02/2024 0:30					0.0
19/02/2024 0:40					0.0
19/02/2024 0:50					0.0
19/02/2024 1:00					0.0
19/02/2024 1:10					0.0
19/02/2024 1:20					0.0
19/02/2024 1:30					0.0
19/02/2024 1:40					0.0
19/02/2024 1:50					0.0
19/02/2024 2:00					0.0
19/02/2024 2:10					0.0
19/02/2024 2:20					0.0
19/02/2024 2:30					0.0
19/02/2024 2:40					0.0
19/02/2024 2:50					0.0
19/02/2024 3:00					0.0
19/02/2024 3:10					0.0
19/02/2024 3:20					0.0
19/02/2024 3:30					0.0
19/02/2024 3:40					0.0
19/02/2024 3:50					0.0
19/02/2024 4:00					0.0
19/02/2024 4:10					0.0
19/02/2024 4:20					0.0
19/02/2024 4:30					0.0
19/02/2024 4:40					0.0
19/02/2024 4:50					0.0
19/02/2024 5:00					0.0
19/02/2024 5:10					0.0
19/02/2024 5:20					0.0
19/02/2024 5:30					0.0
19/02/2024 5:40					0.0
19/02/2024 5:50					0.0
19/02/2024 6:00					0.0
19/02/2024 6:10					0.0
19/02/2024 6:20					0.0
19/02/2024 6:30					0.0
19/02/2024 6:40					0.0
19/02/2024 6:50					0.0
19/02/2024 7:00					0.0
19/02/2024 7:10					0.0
19/02/2024 7:20					0.0
19/02/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 7:40					0.0
19/02/2024 7:50					0.0
19/02/2024 8:00					0.0
19/02/2024 8:10					0.0
19/02/2024 8:20					0.0
19/02/2024 8:30					0.0
19/02/2024 8:40					0.0
19/02/2024 8:50					0.0
19/02/2024 9:00					0.0
19/02/2024 9:10					0.0
19/02/2024 9:20					0.0
19/02/2024 9:30					0.0
19/02/2024 9:40					0.0
19/02/2024 9:50					0.0
19/02/2024 10:00					0.0
19/02/2024 10:10					0.0
19/02/2024 10:20					0.0
19/02/2024 10:30					0.0
19/02/2024 10:40					0.0
19/02/2024 10:50					0.0
19/02/2024 11:00					0.0
19/02/2024 11:10					0.0
19/02/2024 11:20					0.0
19/02/2024 11:30					0.0
19/02/2024 11:40					0.0
19/02/2024 11:50					0.0
19/02/2024 12:00					0.0
19/02/2024 12:10					0.0
19/02/2024 12:20					0.0
19/02/2024 12:30					0.0
19/02/2024 12:40					0.0
19/02/2024 12:50					0.0
19/02/2024 13:00					0.0
19/02/2024 13:10					0.0
19/02/2024 13:20					0.0
19/02/2024 13:30					0.0
19/02/2024 13:40					0.0
19/02/2024 13:50					0.0
19/02/2024 14:00					0.0
19/02/2024 14:10					0.0
19/02/2024 14:20					0.0
19/02/2024 14:30					0.0
19/02/2024 14:40					0.0
19/02/2024 14:50					0.0
19/02/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 15:10					0.0
19/02/2024 15:20					0.0
19/02/2024 15:30					0.0
19/02/2024 15:40					0.0
19/02/2024 15:50					0.0
19/02/2024 16:00					0.0
19/02/2024 16:10					0.0
19/02/2024 16:20					0.0
19/02/2024 16:30					0.0
19/02/2024 16:40					0.0
19/02/2024 16:50					0.0
19/02/2024 17:00					0.0
19/02/2024 17:10					0.0
19/02/2024 17:20					0.0
19/02/2024 17:30					0.0
19/02/2024 17:40					0.0
19/02/2024 17:50					0.0
19/02/2024 18:00					0.0
19/02/2024 18:10					0.0
19/02/2024 18:20					0.0
19/02/2024 18:30					0.0
19/02/2024 18:40					0.0
19/02/2024 18:50					0.0
19/02/2024 19:00					0.0
19/02/2024 19:10					0.0
19/02/2024 19:20					0.0
19/02/2024 19:30					0.0
19/02/2024 19:40					0.0
19/02/2024 19:50					0.0
19/02/2024 20:00					0.0
19/02/2024 20:10					0.0
19/02/2024 20:20					0.0
19/02/2024 20:30					0.0
19/02/2024 20:40					0.0
19/02/2024 20:50					0.0
19/02/2024 21:00					0.0
19/02/2024 21:10					0.0
19/02/2024 21:20					0.0
19/02/2024 21:30					0.0
19/02/2024 21:40					0.0
19/02/2024 21:50					0.0
19/02/2024 22:00					0.0
19/02/2024 22:10					0.0
19/02/2024 22:20					0.0
19/02/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/02/2024 22:40					0.0
19/02/2024 22:50					0.0
19/02/2024 23:00					0.0
19/02/2024 23:10					0.0
19/02/2024 23:20					0.0
19/02/2024 23:30					0.0
19/02/2024 23:40					0.0
19/02/2024 23:50					0.0
20/02/2024 0:00					0.0
20/02/2024 0:10					0.0
20/02/2024 0:20					0.0
20/02/2024 0:30					0.0
20/02/2024 0:40					0.0
20/02/2024 0:50					0.0
20/02/2024 1:00					0.0
20/02/2024 1:10					0.0
20/02/2024 1:20					0.0
20/02/2024 1:30					0.0
20/02/2024 1:40					0.0
20/02/2024 1:50					0.0
20/02/2024 2:00	0.4	271	9	2.7	0.0
20/02/2024 2:10	0.6	277	11	2.1	0.0
20/02/2024 2:20	2.3	275	22	3.0	0.0
20/02/2024 2:30	2.3	275	20	3.2	0.0
20/02/2024 2:40	2.8	260	22	4.1	0.0
20/02/2024 2:50	2.4	254	35	4.0	0.0
20/02/2024 3:00	2.2	268	34	3.4	0.0
20/02/2024 3:10	2.0	262	34	3.6	0.0
20/02/2024 3:20	1.7	254	44	3.0	0.0
20/02/2024 3:30	0.4	290	28	1.3	0.0
20/02/2024 3:40	0.3	268	17	0.7	0.0
20/02/2024 3:50	0.2	272	18	0.4	0.0
20/02/2024 4:00	0.1	262	6	0.4	0.0
20/02/2024 4:10					0.0
20/02/2024 4:20					0.0
20/02/2024 4:30					0.0
20/02/2024 4:40					0.0
20/02/2024 4:50					0.0
20/02/2024 5:00					0.0
20/02/2024 5:10					0.0
20/02/2024 5:20					0.0
20/02/2024 5:30					0.0
20/02/2024 5:40					0.0
20/02/2024 5:50					0.0
20/02/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 6:10					0.0
20/02/2024 6:20					0.0
20/02/2024 6:30					0.0
20/02/2024 6:40					0.0
20/02/2024 6:50					0.0
20/02/2024 7:00					0.0
20/02/2024 7:10					0.0
20/02/2024 7:20					0.0
20/02/2024 7:30					0.0
20/02/2024 7:40					0.0
20/02/2024 7:50					0.0
20/02/2024 8:00					0.0
20/02/2024 8:10					0.0
20/02/2024 8:20					0.0
20/02/2024 8:30					0.0
20/02/2024 8:40					0.0
20/02/2024 8:50					0.0
20/02/2024 9:00					0.0
20/02/2024 9:10					0.0
20/02/2024 9:20					0.0
20/02/2024 9:30					0.0
20/02/2024 9:40					0.0
20/02/2024 9:50					0.0
20/02/2024 10:00					0.0
20/02/2024 10:10					0.0
20/02/2024 10:20					0.0
20/02/2024 10:30					0.0
20/02/2024 10:40					0.0
20/02/2024 10:50					0.0
20/02/2024 11:00					0.0
20/02/2024 11:10	0.0	59	4	0.4	0.0
20/02/2024 11:20	0.0	50	4	0.6	0.0
20/02/2024 11:30	0.1	47	6	1.0	0.0
20/02/2024 11:40					0.0
20/02/2024 11:50	0.0	328	10	0.4	0.0
20/02/2024 12:00	0.1	333	6	0.9	0.0
20/02/2024 12:10	0.0	310	0	0.4	0.0
20/02/2024 12:20					0.0
20/02/2024 12:30					0.0
20/02/2024 12:40					0.0
20/02/2024 12:50					0.0
20/02/2024 13:00					0.0
20/02/2024 13:10					0.0
20/02/2024 13:20					0.0
20/02/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 13:40					0.0
20/02/2024 13:50					0.0
20/02/2024 14:00					0.0
20/02/2024 14:10					0.0
20/02/2024 14:20					0.0
20/02/2024 14:30					0.0
20/02/2024 14:40					0.0
20/02/2024 14:50					0.0
20/02/2024 15:00					0.0
20/02/2024 15:10					0.0
20/02/2024 15:20					0.0
20/02/2024 15:30					0.0
20/02/2024 15:40					0.0
20/02/2024 15:50					0.0
20/02/2024 16:00					0.0
20/02/2024 16:10					0.0
20/02/2024 16:20					0.0
20/02/2024 16:30					0.0
20/02/2024 16:40					0.0
20/02/2024 16:50					0.0
20/02/2024 17:00					0.0
20/02/2024 17:10					0.0
20/02/2024 17:20					0.0
20/02/2024 17:30					0.0
20/02/2024 17:40					0.0
20/02/2024 17:50					0.0
20/02/2024 18:00					0.0
20/02/2024 18:10					0.0
20/02/2024 18:20					0.0
20/02/2024 18:30					0.0
20/02/2024 18:40					0.0
20/02/2024 18:50					0.0
20/02/2024 19:00					0.0
20/02/2024 19:10					0.0
20/02/2024 19:20					0.0
20/02/2024 19:30					0.0
20/02/2024 19:40					0.0
20/02/2024 19:50					0.0
20/02/2024 20:00					0.0
20/02/2024 20:10					0.0
20/02/2024 20:20					0.0
20/02/2024 20:30					0.0
20/02/2024 20:40					0.0
20/02/2024 20:50					0.0
20/02/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/02/2024 21:10					0.0
20/02/2024 21:20					0.0
20/02/2024 21:30					0.0
20/02/2024 21:40					0.0
20/02/2024 21:50					0.0
20/02/2024 22:00					0.0
20/02/2024 22:10					0.0
20/02/2024 22:20					0.0
20/02/2024 22:30					0.0
20/02/2024 22:40					0.0
20/02/2024 22:50					0.0
20/02/2024 23:00					0.0
20/02/2024 23:10					0.0
20/02/2024 23:20					0.0
20/02/2024 23:30					0.0
20/02/2024 23:40					0.0
20/02/2024 23:50					0.0
21/02/2024 0:00					0.0
21/02/2024 0:10					0.0
21/02/2024 0:20					0.0
21/02/2024 0:30					0.0
21/02/2024 0:40					0.0
21/02/2024 0:50					0.0
21/02/2024 1:00					0.0
21/02/2024 1:10					0.0
21/02/2024 1:20					0.0
21/02/2024 1:30					0.0
21/02/2024 1:40					0.0
21/02/2024 1:50					0.0
21/02/2024 2:00					0.0
21/02/2024 2:10					0.0
21/02/2024 2:20	0.0	265	0	0.4	0.0
21/02/2024 2:30					0.0
21/02/2024 2:40					0.0
21/02/2024 2:50	0.1	266	4	0.4	0.0
21/02/2024 3:00	0.1	282	8	0.4	0.0
21/02/2024 3:10					0.0
21/02/2024 3:20	0.1	274	5	0.4	0.0
21/02/2024 3:30					0.0
21/02/2024 3:40	0.0	280	4	0.4	0.0
21/02/2024 3:50	0.0	277	2	0.4	0.0
21/02/2024 4:00	0.0	261	2	0.4	0.0
21/02/2024 4:10	0.0	272	9	0.4	0.0
21/02/2024 4:20	0.1	275	6	0.4	0.0
21/02/2024 4:30	0.0	246	0	0.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 4:40					0.0
21/02/2024 4:50					0.0
21/02/2024 5:00					0.0
21/02/2024 5:10					0.0
21/02/2024 5:20					0.0
21/02/2024 5:30					0.0
21/02/2024 5:40					0.0
21/02/2024 5:50					0.0
21/02/2024 6:00					0.0
21/02/2024 6:10					0.0
21/02/2024 6:20					0.0
21/02/2024 6:30					0.0
21/02/2024 6:40					0.0
21/02/2024 6:50					0.0
21/02/2024 7:00					0.0
21/02/2024 7:10					0.0
21/02/2024 7:20					0.0
21/02/2024 7:30					0.0
21/02/2024 7:40					0.0
21/02/2024 7:50					0.0
21/02/2024 8:00					0.0
21/02/2024 8:10					0.0
21/02/2024 8:20					0.0
21/02/2024 8:30					0.0
21/02/2024 8:40					0.0
21/02/2024 8:50					0.0
21/02/2024 9:00					0.0
21/02/2024 9:10					0.0
21/02/2024 9:20					0.0
21/02/2024 9:30					0.0
21/02/2024 9:40					0.0
21/02/2024 9:50					0.0
21/02/2024 10:00					0.0
21/02/2024 10:10					0.0
21/02/2024 10:20					0.0
21/02/2024 10:30					0.0
21/02/2024 10:40					0.0
21/02/2024 10:50					0.0
21/02/2024 11:00					0.0
21/02/2024 11:10					0.0
21/02/2024 11:20					0.0
21/02/2024 11:30					0.0
21/02/2024 11:40					0.0
21/02/2024 11:50					0.0
21/02/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 12:10					0.0
21/02/2024 12:20					0.0
21/02/2024 12:30					0.0
21/02/2024 12:40					0.0
21/02/2024 12:50					0.0
21/02/2024 13:00					0.0
21/02/2024 13:10					0.0
21/02/2024 13:20					0.0
21/02/2024 13:30					0.0
21/02/2024 13:40					0.0
21/02/2024 13:50					0.0
21/02/2024 14:00					0.0
21/02/2024 14:10					0.0
21/02/2024 14:20					0.0
21/02/2024 14:30					0.0
21/02/2024 14:40					0.0
21/02/2024 14:50					0.0
21/02/2024 15:00					0.0
21/02/2024 15:10					0.0
21/02/2024 15:20					0.0
21/02/2024 15:30					0.0
21/02/2024 15:40					0.0
21/02/2024 15:50					0.0
21/02/2024 16:00					0.0
21/02/2024 16:10					0.0
21/02/2024 16:20					0.0
21/02/2024 16:30					0.0
21/02/2024 16:40					0.0
21/02/2024 16:50					0.0
21/02/2024 17:00					0.0
21/02/2024 17:10					0.0
21/02/2024 17:20					0.0
21/02/2024 17:30					0.0
21/02/2024 17:40					0.0
21/02/2024 17:50					0.0
21/02/2024 18:00					0.0
21/02/2024 18:10					0.0
21/02/2024 18:20					0.0
21/02/2024 18:30					0.0
21/02/2024 18:40					0.0
21/02/2024 18:50					0.0
21/02/2024 19:00					0.0
21/02/2024 19:10					0.0
21/02/2024 19:20					0.0
21/02/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/02/2024 19:40					0.0
21/02/2024 19:50					0.0
21/02/2024 20:00					0.0
21/02/2024 20:10					0.0
21/02/2024 20:20					0.0
21/02/2024 20:30					0.0
21/02/2024 20:40					0.0
21/02/2024 20:50					0.0
21/02/2024 21:00					0.0
21/02/2024 21:10					0.0
21/02/2024 21:20					0.0
21/02/2024 21:30					0.0
21/02/2024 21:40					0.0
21/02/2024 21:50					0.0
21/02/2024 22:00					0.0
21/02/2024 22:10					0.0
21/02/2024 22:20					0.0
21/02/2024 22:30					0.0
21/02/2024 22:40					0.0
21/02/2024 22:50					0.0
21/02/2024 23:00					0.0
21/02/2024 23:10					0.0
21/02/2024 23:20					0.0
21/02/2024 23:30					0.0
21/02/2024 23:40					0.0
21/02/2024 23:50					0.0
22/02/2024 0:00					0.0
22/02/2024 0:10					0.0
22/02/2024 0:20					0.0
22/02/2024 0:30					0.0
22/02/2024 0:40					0.0
22/02/2024 0:50					0.0
22/02/2024 1:00					0.0
22/02/2024 1:10					0.0
22/02/2024 1:20					0.0
22/02/2024 1:30					0.0
22/02/2024 1:40					0.0
22/02/2024 1:50					0.0
22/02/2024 2:00					0.0
22/02/2024 2:10					0.0
22/02/2024 2:20					0.0
22/02/2024 2:30					0.0
22/02/2024 2:40					0.0
22/02/2024 2:50					0.0
22/02/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 3:10					0.0
22/02/2024 3:20					0.0
22/02/2024 3:30					0.0
22/02/2024 3:40					0.0
22/02/2024 3:50					0.0
22/02/2024 4:00					0.0
22/02/2024 4:10					0.0
22/02/2024 4:20					0.0
22/02/2024 4:30					0.0
22/02/2024 4:40					0.0
22/02/2024 4:50					0.0
22/02/2024 5:00					0.0
22/02/2024 5:10					0.0
22/02/2024 5:20					0.0
22/02/2024 5:30					0.0
22/02/2024 5:40					0.0
22/02/2024 5:50					0.0
22/02/2024 6:00					0.0
22/02/2024 6:10					0.0
22/02/2024 6:20					0.0
22/02/2024 6:30					0.0
22/02/2024 6:40					0.0
22/02/2024 6:50					0.0
22/02/2024 7:00					0.0
22/02/2024 7:10					0.0
22/02/2024 7:20					0.0
22/02/2024 7:30					0.0
22/02/2024 7:40					0.0
22/02/2024 7:50					0.0
22/02/2024 8:00					0.0
22/02/2024 8:10					0.0
22/02/2024 8:20					0.0
22/02/2024 8:30					0.0
22/02/2024 8:40					0.0
22/02/2024 8:50					0.0
22/02/2024 9:00					0.0
22/02/2024 9:10					0.0
22/02/2024 9:20					0.0
22/02/2024 9:30					0.0
22/02/2024 9:40					0.0
22/02/2024 9:50					0.0
22/02/2024 10:00					0.0
22/02/2024 10:10					0.0
22/02/2024 10:20					0.0
22/02/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 10:40					0.0
22/02/2024 10:50					0.0
22/02/2024 11:00					0.0
22/02/2024 11:10					0.0
22/02/2024 11:20					0.0
22/02/2024 11:30					0.0
22/02/2024 11:40					0.0
22/02/2024 11:50					0.0
22/02/2024 12:00					0.0
22/02/2024 12:10					0.0
22/02/2024 12:20					0.0
22/02/2024 12:30					0.0
22/02/2024 12:40					0.0
22/02/2024 12:50					0.0
22/02/2024 13:00					0.0
22/02/2024 13:10					0.0
22/02/2024 13:20					0.0
22/02/2024 13:30					0.0
22/02/2024 13:40					0.0
22/02/2024 13:50					0.0
22/02/2024 14:00					0.0
22/02/2024 14:10					0.0
22/02/2024 14:20					0.0
22/02/2024 14:30					0.0
22/02/2024 14:40					0.0
22/02/2024 14:50					0.0
22/02/2024 15:00					0.0
22/02/2024 15:10					0.0
22/02/2024 15:20					0.0
22/02/2024 15:30					0.0
22/02/2024 15:40					0.0
22/02/2024 15:50					0.0
22/02/2024 16:00					0.0
22/02/2024 16:10					0.0
22/02/2024 16:20					0.0
22/02/2024 16:30					0.0
22/02/2024 16:40					0.0
22/02/2024 16:50					0.0
22/02/2024 17:00					0.0
22/02/2024 17:10					0.0
22/02/2024 17:20					0.0
22/02/2024 17:30					0.0
22/02/2024 17:40					0.0
22/02/2024 17:50					0.0
22/02/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/02/2024 18:10					0.0
22/02/2024 18:20					0.0
22/02/2024 18:30					0.0
22/02/2024 18:40					0.0
22/02/2024 18:50					0.0
22/02/2024 19:00					0.0
22/02/2024 19:10					0.0
22/02/2024 19:20					0.0
22/02/2024 19:30					0.0
22/02/2024 19:40					0.0
22/02/2024 19:50					0.0
22/02/2024 20:00					0.0
22/02/2024 20:10					0.0
22/02/2024 20:20					0.0
22/02/2024 20:30					0.0
22/02/2024 20:40					0.0
22/02/2024 20:50					0.0
22/02/2024 21:00					0.0
22/02/2024 21:10					0.0
22/02/2024 21:20					0.0
22/02/2024 21:30					0.0
22/02/2024 21:40					0.0
22/02/2024 21:50					0.0
22/02/2024 22:00					0.0
22/02/2024 22:10					0.0
22/02/2024 22:20					0.0
22/02/2024 22:30					0.0
22/02/2024 22:40					0.0
22/02/2024 22:50					0.0
22/02/2024 23:00					0.0
22/02/2024 23:10					0.0
22/02/2024 23:20					0.0
22/02/2024 23:30					0.0
22/02/2024 23:40					0.0
22/02/2024 23:50					0.0
23/02/2024 0:00					0.0
23/02/2024 0:10					0.0
23/02/2024 0:20					0.0
23/02/2024 0:30					0.0
23/02/2024 0:40					0.0
23/02/2024 0:50					0.0
23/02/2024 1:00					0.0
23/02/2024 1:10					0.0
23/02/2024 1:20					0.0
23/02/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 1:40					0.0
23/02/2024 1:50					0.0
23/02/2024 2:00					0.0
23/02/2024 2:10					0.0
23/02/2024 2:20					0.0
23/02/2024 2:30					0.0
23/02/2024 2:40					0.0
23/02/2024 2:50					0.0
23/02/2024 3:00					0.0
23/02/2024 3:10					0.0
23/02/2024 3:20					0.0
23/02/2024 3:30					0.0
23/02/2024 3:40					0.0
23/02/2024 3:50					0.0
23/02/2024 4:00					0.0
23/02/2024 4:10					0.0
23/02/2024 4:20					0.0
23/02/2024 4:30					0.0
23/02/2024 4:40					0.0
23/02/2024 4:50					0.0
23/02/2024 5:00					0.0
23/02/2024 5:10					0.0
23/02/2024 5:20					0.0
23/02/2024 5:30					0.0
23/02/2024 5:40					0.0
23/02/2024 5:50					0.0
23/02/2024 6:00					0.0
23/02/2024 6:10					0.0
23/02/2024 6:20					0.0
23/02/2024 6:30					0.0
23/02/2024 6:40					0.0
23/02/2024 6:50					0.0
23/02/2024 7:00					0.0
23/02/2024 7:10					0.0
23/02/2024 7:20					0.0
23/02/2024 7:30					0.0
23/02/2024 7:40					0.0
23/02/2024 7:50					0.0
23/02/2024 8:00					0.0
23/02/2024 8:10					0.0
23/02/2024 8:20					0.0
23/02/2024 8:30					0.0
23/02/2024 8:40					0.0
23/02/2024 8:50					0.0
23/02/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 9:10					0.0
23/02/2024 9:20					0.0
23/02/2024 9:30					0.0
23/02/2024 9:40					0.0
23/02/2024 9:50					0.1
23/02/2024 10:00					0.0
23/02/2024 10:10					0.0
23/02/2024 10:20					0.0
23/02/2024 10:30					0.0
23/02/2024 10:40					0.0
23/02/2024 10:50					0.0
23/02/2024 11:00					0.0
23/02/2024 11:10					0.0
23/02/2024 11:20					0.0
23/02/2024 11:30					0.0
23/02/2024 11:40					0.0
23/02/2024 11:50					0.0
23/02/2024 12:00					0.0
23/02/2024 12:10					0.0
23/02/2024 12:20					0.0
23/02/2024 12:30					0.0
23/02/2024 12:40					0.0
23/02/2024 12:50					0.0
23/02/2024 13:00					0.0
23/02/2024 13:10					0.0
23/02/2024 13:20					0.0
23/02/2024 13:30					0.0
23/02/2024 13:40					0.0
23/02/2024 13:50					0.0
23/02/2024 14:00					0.0
23/02/2024 14:10					0.0
23/02/2024 14:20					0.0
23/02/2024 14:30					0.0
23/02/2024 14:40					0.0
23/02/2024 14:50					0.0
23/02/2024 15:00					0.0
23/02/2024 15:10					0.0
23/02/2024 15:20					0.0
23/02/2024 15:30					0.0
23/02/2024 15:40					0.0
23/02/2024 15:50					0.0
23/02/2024 16:00					0.0
23/02/2024 16:10					0.0
23/02/2024 16:20					0.0
23/02/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/02/2024 16:40					0.0
23/02/2024 16:50					0.0
23/02/2024 17:00					0.0
23/02/2024 17:10					0.0
23/02/2024 17:20					0.0
23/02/2024 17:30					0.0
23/02/2024 17:40					0.0
23/02/2024 17:50					0.0
23/02/2024 18:00					0.0
23/02/2024 18:10					0.0
23/02/2024 18:20					0.0
23/02/2024 18:30					0.0
23/02/2024 18:40					0.0
23/02/2024 18:50					0.0
23/02/2024 19:00					0.0
23/02/2024 19:10					0.0
23/02/2024 19:20					0.0
23/02/2024 19:30					0.0
23/02/2024 19:40					0.0
23/02/2024 19:50					0.0
23/02/2024 20:00					0.0
23/02/2024 20:10					0.0
23/02/2024 20:20					0.0
23/02/2024 20:30					0.0
23/02/2024 20:40					0.0
23/02/2024 20:50					0.0
23/02/2024 21:00					0.0
23/02/2024 21:10					0.0
23/02/2024 21:20					0.0
23/02/2024 21:30					0.0
23/02/2024 21:40					0.0
23/02/2024 21:50					0.0
23/02/2024 22:00					0.0
23/02/2024 22:10					0.0
23/02/2024 22:20					0.0
23/02/2024 22:30					0.0
23/02/2024 22:40					0.0
23/02/2024 22:50					0.0
23/02/2024 23:00					0.0
23/02/2024 23:10					0.0
23/02/2024 23:20					0.0
23/02/2024 23:30					0.0
23/02/2024 23:40					0.0
23/02/2024 23:50					0.0
24/02/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 0:10					0.0
24/02/2024 0:20					0.0
24/02/2024 0:30					0.0
24/02/2024 0:40					0.0
24/02/2024 0:50					0.0
24/02/2024 1:00					0.0
24/02/2024 1:10					0.0
24/02/2024 1:20					0.0
24/02/2024 1:30					0.0
24/02/2024 1:40					0.0
24/02/2024 1:50					0.0
24/02/2024 2:00					0.0
24/02/2024 2:10					0.0
24/02/2024 2:20					0.0
24/02/2024 2:30					0.0
24/02/2024 2:40					0.0
24/02/2024 2:50					0.0
24/02/2024 3:00					0.0
24/02/2024 3:10					0.0
24/02/2024 3:20					0.0
24/02/2024 3:30					0.0
24/02/2024 3:40					0.0
24/02/2024 3:50					0.0
24/02/2024 4:00					0.0
24/02/2024 4:10					0.0
24/02/2024 4:20					0.0
24/02/2024 4:30					0.0
24/02/2024 4:40					0.0
24/02/2024 4:50					0.0
24/02/2024 5:00					0.0
24/02/2024 5:10					0.0
24/02/2024 5:20					0.0
24/02/2024 5:30					0.0
24/02/2024 5:40					0.0
24/02/2024 5:50					0.0
24/02/2024 6:00					0.0
24/02/2024 6:10					0.0
24/02/2024 6:20					0.0
24/02/2024 6:30					0.0
24/02/2024 6:40					0.0
24/02/2024 6:50					0.0
24/02/2024 7:00					0.0
24/02/2024 7:10					0.0
24/02/2024 7:20					0.0
24/02/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 7:40					0.0
24/02/2024 7:50					0.0
24/02/2024 8:00					0.0
24/02/2024 8:10					0.0
24/02/2024 8:20					0.0
24/02/2024 8:30					0.0
24/02/2024 8:40					0.0
24/02/2024 8:50					0.0
24/02/2024 9:00					0.0
24/02/2024 9:10					0.0
24/02/2024 9:20					0.0
24/02/2024 9:30					0.0
24/02/2024 9:40					0.0
24/02/2024 9:50					0.0
24/02/2024 10:00					0.0
24/02/2024 10:10					0.0
24/02/2024 10:20					0.0
24/02/2024 10:30					0.0
24/02/2024 10:40					0.0
24/02/2024 10:50					0.0
24/02/2024 11:00					0.0
24/02/2024 11:10					0.0
24/02/2024 11:20					0.0
24/02/2024 11:30					0.0
24/02/2024 11:40					0.0
24/02/2024 11:50					0.0
24/02/2024 12:00					0.0
24/02/2024 12:10					0.0
24/02/2024 12:20					0.0
24/02/2024 12:30					0.0
24/02/2024 12:40					0.0
24/02/2024 12:50					0.0
24/02/2024 13:00					0.0
24/02/2024 13:10					0.0
24/02/2024 13:20					0.0
24/02/2024 13:30					0.0
24/02/2024 13:40					0.0
24/02/2024 13:50					0.0
24/02/2024 14:00					0.0
24/02/2024 14:10					0.0
24/02/2024 14:20					0.0
24/02/2024 14:30					0.0
24/02/2024 14:40					0.0
24/02/2024 14:50					0.0
24/02/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 15:10					0.0
24/02/2024 15:20					0.0
24/02/2024 15:30					0.0
24/02/2024 15:40					0.0
24/02/2024 15:50					0.0
24/02/2024 16:00					0.0
24/02/2024 16:10					0.0
24/02/2024 16:20					0.0
24/02/2024 16:30					0.0
24/02/2024 16:40					0.0
24/02/2024 16:50					0.0
24/02/2024 17:00					0.0
24/02/2024 17:10					0.0
24/02/2024 17:20					0.0
24/02/2024 17:30					0.0
24/02/2024 17:40					0.0
24/02/2024 17:50					0.0
24/02/2024 18:00					0.0
24/02/2024 18:10					0.0
24/02/2024 18:20					0.0
24/02/2024 18:30					0.0
24/02/2024 18:40					0.0
24/02/2024 18:50					0.0
24/02/2024 19:00					0.0
24/02/2024 19:10					0.0
24/02/2024 19:20					0.0
24/02/2024 19:30					0.0
24/02/2024 19:40					0.0
24/02/2024 19:50					0.0
24/02/2024 20:00					0.0
24/02/2024 20:10					0.0
24/02/2024 20:20					0.0
24/02/2024 20:30					0.0
24/02/2024 20:40					0.0
24/02/2024 20:50					0.0
24/02/2024 21:00					0.0
24/02/2024 21:10					0.0
24/02/2024 21:20					0.0
24/02/2024 21:30					0.0
24/02/2024 21:40					0.0
24/02/2024 21:50					0.0
24/02/2024 22:00					0.0
24/02/2024 22:10					0.0
24/02/2024 22:20					0.0
24/02/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/02/2024 22:40					0.0
24/02/2024 22:50					0.0
24/02/2024 23:00					0.0
24/02/2024 23:10					0.0
24/02/2024 23:20					0.0
24/02/2024 23:30					0.0
24/02/2024 23:40					0.0
24/02/2024 23:50					0.0
25/02/2024 0:00					0.0
25/02/2024 0:10					0.0
25/02/2024 0:20					0.0
25/02/2024 0:30					0.0
25/02/2024 0:40					0.0
25/02/2024 0:50					0.0
25/02/2024 1:00					0.0
25/02/2024 1:10					0.0
25/02/2024 1:20					0.0
25/02/2024 1:30					0.0
25/02/2024 1:40					0.0
25/02/2024 1:50					0.0
25/02/2024 2:00					0.0
25/02/2024 2:10					0.0
25/02/2024 2:20					0.0
25/02/2024 2:30					0.0
25/02/2024 2:40					0.0
25/02/2024 2:50					0.0
25/02/2024 3:00					0.0
25/02/2024 3:10					0.0
25/02/2024 3:20					0.0
25/02/2024 3:30					0.0
25/02/2024 3:40					0.0
25/02/2024 3:50					0.0
25/02/2024 4:00					0.0
25/02/2024 4:10					0.0
25/02/2024 4:20					0.0
25/02/2024 4:30					0.0
25/02/2024 4:40					0.0
25/02/2024 4:50					0.0
25/02/2024 5:00					0.0
25/02/2024 5:10					0.0
25/02/2024 5:20					0.0
25/02/2024 5:30					0.0
25/02/2024 5:40					0.0
25/02/2024 5:50					0.0
25/02/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 6:10					0.0
25/02/2024 6:20					0.0
25/02/2024 6:30					0.0
25/02/2024 6:40					0.0
25/02/2024 6:50					0.0
25/02/2024 7:00					0.0
25/02/2024 7:10					0.0
25/02/2024 7:20					0.0
25/02/2024 7:30					0.0
25/02/2024 7:40					0.0
25/02/2024 7:50					0.0
25/02/2024 8:00					0.0
25/02/2024 8:10					0.0
25/02/2024 8:20					0.0
25/02/2024 8:30					0.0
25/02/2024 8:40					0.0
25/02/2024 8:50					0.0
25/02/2024 9:00					0.0
25/02/2024 9:10					0.0
25/02/2024 9:20					0.0
25/02/2024 9:30					0.0
25/02/2024 9:40					0.0
25/02/2024 9:50					0.0
25/02/2024 10:00					0.0
25/02/2024 10:10					0.0
25/02/2024 10:20					0.0
25/02/2024 10:30					0.0
25/02/2024 10:40					0.0
25/02/2024 10:50					0.0
25/02/2024 11:00					0.0
25/02/2024 11:10					0.0
25/02/2024 11:20					0.0
25/02/2024 11:30					0.0
25/02/2024 11:40					0.0
25/02/2024 11:50					0.0
25/02/2024 12:00					0.0
25/02/2024 12:10					0.0
25/02/2024 12:20					0.0
25/02/2024 12:30					0.0
25/02/2024 12:40					0.0
25/02/2024 12:50					0.0
25/02/2024 13:00					0.0
25/02/2024 13:10					0.0
25/02/2024 13:20					0.0
25/02/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 13:40					0.0
25/02/2024 13:50					0.0
25/02/2024 14:00					0.0
25/02/2024 14:10					0.0
25/02/2024 14:20					0.0
25/02/2024 14:30					0.0
25/02/2024 14:40					0.0
25/02/2024 14:50					0.0
25/02/2024 15:00					0.0
25/02/2024 15:10					0.0
25/02/2024 15:20					0.0
25/02/2024 15:30					0.0
25/02/2024 15:40					0.0
25/02/2024 15:50					0.0
25/02/2024 16:00					0.0
25/02/2024 16:10					0.0
25/02/2024 16:20					0.0
25/02/2024 16:30					0.0
25/02/2024 16:40					0.0
25/02/2024 16:50					0.0
25/02/2024 17:00					0.0
25/02/2024 17:10					0.0
25/02/2024 17:20					0.0
25/02/2024 17:30					0.0
25/02/2024 17:40					0.0
25/02/2024 17:50					0.0
25/02/2024 18:00					0.0
25/02/2024 18:10					0.0
25/02/2024 18:20					0.0
25/02/2024 18:30					0.0
25/02/2024 18:40					0.0
25/02/2024 18:50					0.0
25/02/2024 19:00					0.0
25/02/2024 19:10					0.0
25/02/2024 19:20					0.0
25/02/2024 19:30					0.0
25/02/2024 19:40					0.0
25/02/2024 19:50					0.0
25/02/2024 20:00					0.0
25/02/2024 20:10					0.0
25/02/2024 20:20					0.0
25/02/2024 20:30					0.0
25/02/2024 20:40					0.0
25/02/2024 20:50					0.0
25/02/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/02/2024 21:10					0.0
25/02/2024 21:20					0.0
25/02/2024 21:30					0.0
25/02/2024 21:40					0.0
25/02/2024 21:50					0.0
25/02/2024 22:00					0.0
25/02/2024 22:10					0.0
25/02/2024 22:20					0.0
25/02/2024 22:30					0.0
25/02/2024 22:40					0.0
25/02/2024 22:50					0.0
25/02/2024 23:00					0.0
25/02/2024 23:10					0.0
25/02/2024 23:20					0.0
25/02/2024 23:30					0.0
25/02/2024 23:40					0.0
25/02/2024 23:50					0.0
26/02/2024 0:00					0.0
26/02/2024 0:10					0.0
26/02/2024 0:20					0.0
26/02/2024 0:30					0.0
26/02/2024 0:40					0.0
26/02/2024 0:50					0.0
26/02/2024 1:00					0.0
26/02/2024 1:10					0.0
26/02/2024 1:20					0.0
26/02/2024 1:30					0.0
26/02/2024 1:40					0.0
26/02/2024 1:50					0.0
26/02/2024 2:00					0.0
26/02/2024 2:10					0.0
26/02/2024 2:20					0.0
26/02/2024 2:30					0.0
26/02/2024 2:40					0.0
26/02/2024 2:50					0.0
26/02/2024 3:00					0.0
26/02/2024 3:10					0.0
26/02/2024 3:20					0.0
26/02/2024 3:30					0.0
26/02/2024 3:40					0.0
26/02/2024 3:50					0.0
26/02/2024 4:00					0.0
26/02/2024 4:10					0.0
26/02/2024 4:20					0.0
26/02/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 4:40					0.0
26/02/2024 4:50					0.0
26/02/2024 5:00					0.0
26/02/2024 5:10					0.0
26/02/2024 5:20					0.0
26/02/2024 5:30					0.0
26/02/2024 5:40					0.0
26/02/2024 5:50					0.0
26/02/2024 6:00					0.0
26/02/2024 6:10					0.0
26/02/2024 6:20					0.0
26/02/2024 6:30					0.0
26/02/2024 6:40					0.0
26/02/2024 6:50					0.0
26/02/2024 7:00					0.0
26/02/2024 7:10					0.0
26/02/2024 7:20					0.0
26/02/2024 7:30					0.0
26/02/2024 7:40					0.0
26/02/2024 7:50					0.0
26/02/2024 8:00					0.0
26/02/2024 8:10					0.0
26/02/2024 8:20					0.0
26/02/2024 8:30					0.0
26/02/2024 8:40					0.0
26/02/2024 8:50					0.0
26/02/2024 9:00					0.0
26/02/2024 9:10					0.0
26/02/2024 9:20					0.0
26/02/2024 9:30					0.0
26/02/2024 9:40					0.0
26/02/2024 9:50					0.0
26/02/2024 10:00					0.0
26/02/2024 10:10					0.0
26/02/2024 10:20					0.0
26/02/2024 10:30					0.0
26/02/2024 10:40					0.0
26/02/2024 10:50					0.0
26/02/2024 11:00					0.0
26/02/2024 11:10					0.0
26/02/2024 11:20					0.0
26/02/2024 11:30					0.0
26/02/2024 11:40					0.0
26/02/2024 11:50					0.0
26/02/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 12:10					0.0
26/02/2024 12:20					0.0
26/02/2024 12:30					0.0
26/02/2024 12:40					0.0
26/02/2024 12:50					0.0
26/02/2024 13:00					0.0
26/02/2024 13:10					0.0
26/02/2024 13:20					0.0
26/02/2024 13:30					0.0
26/02/2024 13:40					0.0
26/02/2024 13:50					0.0
26/02/2024 14:00					0.0
26/02/2024 14:10					0.0
26/02/2024 14:20					0.0
26/02/2024 14:30					0.0
26/02/2024 14:40					0.0
26/02/2024 14:50					0.0
26/02/2024 15:00					0.0
26/02/2024 15:10					0.0
26/02/2024 15:20					0.0
26/02/2024 15:30					0.0
26/02/2024 15:40					0.0
26/02/2024 15:50					0.0
26/02/2024 16:00					0.0
26/02/2024 16:10					0.0
26/02/2024 16:20					0.0
26/02/2024 16:30					0.0
26/02/2024 16:40					0.0
26/02/2024 16:50					0.0
26/02/2024 17:00					0.0
26/02/2024 17:10					0.0
26/02/2024 17:20					0.0
26/02/2024 17:30					0.0
26/02/2024 17:40					0.0
26/02/2024 17:50					0.0
26/02/2024 18:00					0.0
26/02/2024 18:10					0.0
26/02/2024 18:20					0.0
26/02/2024 18:30					0.0
26/02/2024 18:40					0.0
26/02/2024 18:50					0.0
26/02/2024 19:00					0.0
26/02/2024 19:10					0.0
26/02/2024 19:20					0.0
26/02/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/02/2024 19:40					0.0
26/02/2024 19:50					0.0
26/02/2024 20:00					0.0
26/02/2024 20:10					0.0
26/02/2024 20:20					0.0
26/02/2024 20:30					0.0
26/02/2024 20:40					0.0
26/02/2024 20:50					0.0
26/02/2024 21:00					0.0
26/02/2024 21:10					0.0
26/02/2024 21:20					0.0
26/02/2024 21:30					0.0
26/02/2024 21:40					0.0
26/02/2024 21:50					0.0
26/02/2024 22:00					0.0
26/02/2024 22:10					0.0
26/02/2024 22:20					0.0
26/02/2024 22:30					0.0
26/02/2024 22:40					0.0
26/02/2024 22:50					0.0
26/02/2024 23:00					0.0
26/02/2024 23:10					0.0
26/02/2024 23:20					0.0
26/02/2024 23:30					0.0
26/02/2024 23:40					0.0
26/02/2024 23:50					0.0
27/02/2024 0:00					0.0
27/02/2024 0:10					0.0
27/02/2024 0:20					0.0
27/02/2024 0:30					0.0
27/02/2024 0:40					0.0
27/02/2024 0:50					0.0
27/02/2024 1:00					0.0
27/02/2024 1:10					0.0
27/02/2024 1:20					0.0
27/02/2024 1:30					0.0
27/02/2024 1:40					0.0
27/02/2024 1:50					0.0
27/02/2024 2:00					0.0
27/02/2024 2:10					0.0
27/02/2024 2:20					0.0
27/02/2024 2:30					0.0
27/02/2024 2:40					0.0
27/02/2024 2:50					0.0
27/02/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 3:10					0.0
27/02/2024 3:20					0.0
27/02/2024 3:30					0.0
27/02/2024 3:40					0.0
27/02/2024 3:50					0.0
27/02/2024 4:00					0.0
27/02/2024 4:10					0.0
27/02/2024 4:20					0.0
27/02/2024 4:30					0.0
27/02/2024 4:40					0.0
27/02/2024 4:50					0.0
27/02/2024 5:00					0.0
27/02/2024 5:10					0.0
27/02/2024 5:20					0.0
27/02/2024 5:30					0.0
27/02/2024 5:40					0.0
27/02/2024 5:50					0.0
27/02/2024 6:00					0.0
27/02/2024 6:10					0.0
27/02/2024 6:20					0.0
27/02/2024 6:30					0.0
27/02/2024 6:40					0.0
27/02/2024 6:50					0.0
27/02/2024 7:00					0.0
27/02/2024 7:10					0.0
27/02/2024 7:20					0.0
27/02/2024 7:30					0.0
27/02/2024 7:40					0.0
27/02/2024 7:50					0.0
27/02/2024 8:00					0.0
27/02/2024 8:10					0.0
27/02/2024 8:20					0.0
27/02/2024 8:30					0.0
27/02/2024 8:40					0.0
27/02/2024 8:50					0.0
27/02/2024 9:00					0.0
27/02/2024 9:10					0.0
27/02/2024 9:20					0.0
27/02/2024 9:30					0.0
27/02/2024 9:40					0.0
27/02/2024 9:50					0.0
27/02/2024 10:00					0.0
27/02/2024 10:10					0.0
27/02/2024 10:20					0.0
27/02/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 10:40					0.0
27/02/2024 10:50					0.0
27/02/2024 11:00					0.0
27/02/2024 11:10					0.0
27/02/2024 11:20					0.0
27/02/2024 11:30					0.0
27/02/2024 11:40					0.0
27/02/2024 11:50					0.0
27/02/2024 12:00					0.0
27/02/2024 12:10					0.0
27/02/2024 12:20					0.0
27/02/2024 12:30					0.0
27/02/2024 12:40					0.0
27/02/2024 12:50					0.0
27/02/2024 13:00					0.0
27/02/2024 13:10					0.0
27/02/2024 13:20					0.0
27/02/2024 13:30					0.0
27/02/2024 13:40					0.0
27/02/2024 13:50					0.0
27/02/2024 14:00					0.0
27/02/2024 14:10					0.0
27/02/2024 14:20					0.0
27/02/2024 14:30					0.0
27/02/2024 14:40					0.0
27/02/2024 14:50					0.0
27/02/2024 15:00					0.0
27/02/2024 15:10					0.0
27/02/2024 15:20					0.0
27/02/2024 15:30					0.0
27/02/2024 15:40					0.0
27/02/2024 15:50					0.0
27/02/2024 16:00					0.0
27/02/2024 16:10					0.0
27/02/2024 16:20					0.0
27/02/2024 16:30					0.0
27/02/2024 16:40					0.0
27/02/2024 16:50					0.0
27/02/2024 17:00					0.0
27/02/2024 17:10					0.0
27/02/2024 17:20					0.0
27/02/2024 17:30					0.0
27/02/2024 17:40					0.0
27/02/2024 17:50					0.0
27/02/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/02/2024 18:10					0.0
27/02/2024 18:20					0.0
27/02/2024 18:30					0.0
27/02/2024 18:40					0.0
27/02/2024 18:50					0.0
27/02/2024 19:00					0.0
27/02/2024 19:10					0.0
27/02/2024 19:20					0.0
27/02/2024 19:30					0.0
27/02/2024 19:40					0.0
27/02/2024 19:50					0.0
27/02/2024 20:00					0.0
27/02/2024 20:10					0.0
27/02/2024 20:20					0.0
27/02/2024 20:30					0.0
27/02/2024 20:40					0.0
27/02/2024 20:50					0.0
27/02/2024 21:00					0.0
27/02/2024 21:10					0.0
27/02/2024 21:20					0.0
27/02/2024 21:30					0.0
27/02/2024 21:40					0.0
27/02/2024 21:50					0.0
27/02/2024 22:00					0.0
27/02/2024 22:10					0.0
27/02/2024 22:20					0.0
27/02/2024 22:30					0.0
27/02/2024 22:40					0.0
27/02/2024 22:50					0.0
27/02/2024 23:00					0.0
27/02/2024 23:10					0.0
27/02/2024 23:20					0.0
27/02/2024 23:30					0.0
27/02/2024 23:40					0.0
27/02/2024 23:50					0.0
28/02/2024 0:00					0.0
28/02/2024 0:10					0.0
28/02/2024 0:20					0.0
28/02/2024 0:30					0.0
28/02/2024 0:40					0.0
28/02/2024 0:50					0.0
28/02/2024 1:00					0.0
28/02/2024 1:10					0.0
28/02/2024 1:20					0.0
28/02/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 1:40					0.0
28/02/2024 1:50					0.0
28/02/2024 2:00					0.0
28/02/2024 2:10					0.0
28/02/2024 2:20					0.0
28/02/2024 2:30					0.0
28/02/2024 2:40					0.0
28/02/2024 2:50					0.0
28/02/2024 3:00					0.0
28/02/2024 3:10					0.0
28/02/2024 3:20					0.0
28/02/2024 3:30					0.0
28/02/2024 3:40					0.0
28/02/2024 3:50					0.0
28/02/2024 4:00					0.0
28/02/2024 4:10					0.0
28/02/2024 4:20					0.0
28/02/2024 4:30					0.0
28/02/2024 4:40					0.0
28/02/2024 4:50					0.0
28/02/2024 5:00					0.0
28/02/2024 5:10					0.0
28/02/2024 5:20					0.0
28/02/2024 5:30					0.0
28/02/2024 5:40					0.0
28/02/2024 5:50					0.0
28/02/2024 6:00					0.0
28/02/2024 6:10					0.0
28/02/2024 6:20					0.0
28/02/2024 6:30					0.0
28/02/2024 6:40					0.0
28/02/2024 6:50					0.0
28/02/2024 7:00					0.0
28/02/2024 7:10					0.0
28/02/2024 7:20					0.0
28/02/2024 7:30					0.0
28/02/2024 7:40					0.0
28/02/2024 7:50					0.0
28/02/2024 8:00					0.0
28/02/2024 8:10					0.0
28/02/2024 8:20					0.0
28/02/2024 8:30					0.0
28/02/2024 8:40					0.0
28/02/2024 8:50					0.0
28/02/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 9:10					0.0
28/02/2024 9:20					0.0
28/02/2024 9:30					0.0
28/02/2024 9:40					0.0
28/02/2024 9:50					0.0
28/02/2024 10:00					0.0
28/02/2024 10:10					0.0
28/02/2024 10:20					0.0
28/02/2024 10:30					0.0
28/02/2024 10:40					0.0
28/02/2024 10:50					0.0
28/02/2024 11:00					0.0
28/02/2024 11:10					0.0
28/02/2024 11:20					0.0
28/02/2024 11:30					0.0
28/02/2024 11:40					0.0
28/02/2024 11:50					0.0
28/02/2024 12:00					0.0
28/02/2024 12:10					0.0
28/02/2024 12:20					0.0
28/02/2024 12:30					0.0
28/02/2024 12:40					0.0
28/02/2024 12:50					0.0
28/02/2024 13:00					0.0
28/02/2024 13:10					0.0
28/02/2024 13:20					0.0
28/02/2024 13:30					0.0
28/02/2024 13:40					0.0
28/02/2024 13:50					0.0
28/02/2024 14:00					0.0
28/02/2024 14:10					0.0
28/02/2024 14:20					0.0
28/02/2024 14:30					0.0
28/02/2024 14:40					0.0
28/02/2024 14:50					0.0
28/02/2024 15:00					0.0
28/02/2024 15:10					0.0
28/02/2024 15:20					0.0
28/02/2024 15:30					0.0
28/02/2024 15:40					0.0
28/02/2024 15:50					0.0
28/02/2024 16:00					0.0
28/02/2024 16:10					0.0
28/02/2024 16:20					0.0
28/02/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/02/2024 16:40					0.0
28/02/2024 16:50					0.0
28/02/2024 17:00					0.0
28/02/2024 17:10					0.0
28/02/2024 17:20					0.0
28/02/2024 17:30					0.0
28/02/2024 17:40					0.0
28/02/2024 17:50					0.0
28/02/2024 18:00					0.0
28/02/2024 18:10					0.0
28/02/2024 18:20					0.0
28/02/2024 18:30					0.0
28/02/2024 18:40					0.0
28/02/2024 18:50					0.0
28/02/2024 19:00					0.0
28/02/2024 19:10					0.0
28/02/2024 19:20					0.0
28/02/2024 19:30					0.0
28/02/2024 19:40					0.0
28/02/2024 19:50					0.0
28/02/2024 20:00					0.0
28/02/2024 20:10					0.0
28/02/2024 20:20					0.0
28/02/2024 20:30					0.0
28/02/2024 20:40					0.0
28/02/2024 20:50					0.0
28/02/2024 21:00					0.0
28/02/2024 21:10					0.0
28/02/2024 21:20					0.0
28/02/2024 21:30					0.0
28/02/2024 21:40					0.0
28/02/2024 21:50					0.0
28/02/2024 22:00					0.0
28/02/2024 22:10					0.0
28/02/2024 22:20					0.0
28/02/2024 22:30					0.0
28/02/2024 22:40					0.0
28/02/2024 22:50					0.0
28/02/2024 23:00					0.0
28/02/2024 23:10					0.0
28/02/2024 23:20					0.0
28/02/2024 23:30					0.0
28/02/2024 23:40					0.0
28/02/2024 23:50					0.0
29/02/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 0:10					0.0
29/02/2024 0:20					0.0
29/02/2024 0:30					0.0
29/02/2024 0:40					0.0
29/02/2024 0:50					0.0
29/02/2024 1:00					0.0
29/02/2024 1:10					0.0
29/02/2024 1:20					0.0
29/02/2024 1:30					0.0
29/02/2024 1:40					0.0
29/02/2024 1:50					0.0
29/02/2024 2:00					0.0
29/02/2024 2:10					0.0
29/02/2024 2:20					0.0
29/02/2024 2:30					0.0
29/02/2024 2:40					0.0
29/02/2024 2:50					0.0
29/02/2024 3:00					0.0
29/02/2024 3:10					0.0
29/02/2024 3:20					0.0
29/02/2024 3:30					0.0
29/02/2024 3:40					0.0
29/02/2024 3:50					0.0
29/02/2024 4:00					0.0
29/02/2024 4:10					0.0
29/02/2024 4:20					0.0
29/02/2024 4:30					0.0
29/02/2024 4:40					0.0
29/02/2024 4:50					0.0
29/02/2024 5:00					0.0
29/02/2024 5:10					0.0
29/02/2024 5:20					0.0
29/02/2024 5:30					0.0
29/02/2024 5:40					0.0
29/02/2024 5:50					0.0
29/02/2024 6:00					0.0
29/02/2024 6:10					0.0
29/02/2024 6:20					0.0
29/02/2024 6:30					0.0
29/02/2024 6:40					0.0
29/02/2024 6:50					0.0
29/02/2024 7:00					0.0
29/02/2024 7:10					0.0
29/02/2024 7:20					0.0
29/02/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 7:40					0.0
29/02/2024 7:50					0.0
29/02/2024 8:00					0.0
29/02/2024 8:10					0.0
29/02/2024 8:20					0.0
29/02/2024 8:30					0.0
29/02/2024 8:40					0.0
29/02/2024 8:50					0.0
29/02/2024 9:00					0.0
29/02/2024 9:10					0.1
29/02/2024 9:20					0.0
29/02/2024 9:30					0.0
29/02/2024 9:40					0.0
29/02/2024 9:50					0.0
29/02/2024 10:00					0.0
29/02/2024 10:10					0.0
29/02/2024 10:20					0.0
29/02/2024 10:30					0.0
29/02/2024 10:40					0.0
29/02/2024 10:50					0.0
29/02/2024 11:00					0.0
29/02/2024 11:10					0.0
29/02/2024 11:20					0.0
29/02/2024 11:30					0.0
29/02/2024 11:40					0.0
29/02/2024 11:50					0.0
29/02/2024 12:00					0.0
29/02/2024 12:10					0.0
29/02/2024 12:20					0.0
29/02/2024 12:30					0.0
29/02/2024 12:40					0.0
29/02/2024 12:50					0.0
29/02/2024 13:00					0.0
29/02/2024 13:10					0.0
29/02/2024 13:20					0.0
29/02/2024 13:30					0.0
29/02/2024 13:40					0.0
29/02/2024 13:50					0.0
29/02/2024 14:00					0.0
29/02/2024 14:10					0.0
29/02/2024 14:20					0.0
29/02/2024 14:30					0.0
29/02/2024 14:40					0.0
29/02/2024 14:50					0.0
29/02/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 15:10					0.0
29/02/2024 15:20					0.0
29/02/2024 15:30					0.0
29/02/2024 15:40					0.0
29/02/2024 15:50					0.0
29/02/2024 16:00					0.0
29/02/2024 16:10					0.0
29/02/2024 16:20					0.0
29/02/2024 16:30					0.0
29/02/2024 16:40					0.0
29/02/2024 16:50					0.0
29/02/2024 17:00					0.0
29/02/2024 17:10					0.0
29/02/2024 17:20					0.0
29/02/2024 17:30					0.0
29/02/2024 17:40					0.0
29/02/2024 17:50					0.0
29/02/2024 18:00					0.0
29/02/2024 18:10					0.0
29/02/2024 18:20					0.0
29/02/2024 18:30					0.0
29/02/2024 18:40					0.0
29/02/2024 18:50					0.0
29/02/2024 19:00					0.0
29/02/2024 19:10					0.0
29/02/2024 19:20					0.0
29/02/2024 19:30					0.0
29/02/2024 19:40					0.0
29/02/2024 19:50					0.0
29/02/2024 20:00					0.0
29/02/2024 20:10					0.0
29/02/2024 20:20					0.0
29/02/2024 20:30					0.0
29/02/2024 20:40					0.0
29/02/2024 20:50					0.0
29/02/2024 21:00					0.0
29/02/2024 21:10					0.0
29/02/2024 21:20					0.0
29/02/2024 21:30					0.0
29/02/2024 21:40					0.0
29/02/2024 21:50					0.0
29/02/2024 22:00					0.0
29/02/2024 22:10					0.0
29/02/2024 22:20					0.0
29/02/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/02/2024 22:40					0.0
29/02/2024 22:50					0.0
29/02/2024 23:00					0.0
29/02/2024 23:10					0.0
29/02/2024 23:20					0.0
29/02/2024 23:30					0.0
29/02/2024 23:40					0.0
29/02/2024 23:50					0.0
1/03/2024 0:00					0.0
1/03/2024 0:10					0.0
1/03/2024 0:20					0.0
1/03/2024 0:30					0.0
1/03/2024 0:40					0.0
1/03/2024 0:50					0.0
1/03/2024 1:00					0.0
1/03/2024 1:10					0.0
1/03/2024 1:20					0.0
1/03/2024 1:30					0.0
1/03/2024 1:40					0.0
1/03/2024 1:50					0.0
1/03/2024 2:00					0.0
1/03/2024 2:10					0.0
1/03/2024 2:20					0.0
1/03/2024 2:30					0.0
1/03/2024 2:40					0.0
1/03/2024 2:50					0.0
1/03/2024 3:00					0.0
1/03/2024 3:10					0.0
1/03/2024 3:20					0.0
1/03/2024 3:30					0.0
1/03/2024 3:40					0.0
1/03/2024 3:50					0.0
1/03/2024 4:00					0.0
1/03/2024 4:10					0.0
1/03/2024 4:20					0.0
1/03/2024 4:30					0.0
1/03/2024 4:40					0.0
1/03/2024 4:50					0.0
1/03/2024 5:00					0.0
1/03/2024 5:10					0.0
1/03/2024 5:20					0.0
1/03/2024 5:30					0.0
1/03/2024 5:40					0.0
1/03/2024 5:50					0.0
1/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/03/2024 6:10					0.0
1/03/2024 6:20					0.0
1/03/2024 6:30					0.0
1/03/2024 6:40					0.0
1/03/2024 6:50					0.0
1/03/2024 7:00					0.0
1/03/2024 7:10					0.0
1/03/2024 7:20					0.0
1/03/2024 7:30					0.0
1/03/2024 7:40					0.0
1/03/2024 7:50					0.0
1/03/2024 8:00					0.0
1/03/2024 8:10					0.0
1/03/2024 8:20					0.0
1/03/2024 8:30					0.0
1/03/2024 8:40					0.0
1/03/2024 8:50					0.0
1/03/2024 9:00					0.0
1/03/2024 9:10					0.0
1/03/2024 9:20					0.0
1/03/2024 9:30					0.0
1/03/2024 9:40					0.0
1/03/2024 9:50					0.0
1/03/2024 10:00					0.0
1/03/2024 10:10					0.0
1/03/2024 10:20					0.0
1/03/2024 10:30					0.0
1/03/2024 10:40					0.0
1/03/2024 10:50					0.0
1/03/2024 11:00					0.0
1/03/2024 11:10					0.0
1/03/2024 11:20					0.0
1/03/2024 11:30					0.0
1/03/2024 11:40					0.0
1/03/2024 11:50					0.0
1/03/2024 12:00					0.0
1/03/2024 12:10					0.0
1/03/2024 12:20					0.0
1/03/2024 12:30					0.0
1/03/2024 12:40					0.0
1/03/2024 12:50					0.0
1/03/2024 13:00					0.0
1/03/2024 13:10					0.0
1/03/2024 13:20					0.0
1/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/03/2024 13:40					0.0
1/03/2024 13:50					0.0
1/03/2024 14:00					0.0
1/03/2024 14:10					0.0
1/03/2024 14:20					0.0
1/03/2024 14:30					0.0
1/03/2024 14:40					0.0
1/03/2024 14:50					0.0
1/03/2024 15:00					0.0
1/03/2024 15:10					0.0
1/03/2024 15:20					0.0
1/03/2024 15:30					0.0
1/03/2024 15:40					0.0
1/03/2024 15:50					0.0
1/03/2024 16:00					0.0
1/03/2024 16:10					0.0
1/03/2024 16:20					0.0
1/03/2024 16:30					0.0
1/03/2024 16:40					0.0
1/03/2024 16:50					0.0
1/03/2024 17:00					0.0
1/03/2024 17:10					0.0
1/03/2024 17:20					0.0
1/03/2024 17:30					0.0
1/03/2024 17:40					0.0
1/03/2024 17:50					0.0
1/03/2024 18:00					0.0
1/03/2024 18:10					0.0
1/03/2024 18:20					0.0
1/03/2024 18:30					0.0
1/03/2024 18:40					0.0
1/03/2024 18:50					0.0
1/03/2024 19:00					0.0
1/03/2024 19:10					0.0
1/03/2024 19:20					0.0
1/03/2024 19:30					0.0
1/03/2024 19:40					0.0
1/03/2024 19:50					0.0
1/03/2024 20:00					0.0
1/03/2024 20:10					0.0
1/03/2024 20:20					0.0
1/03/2024 20:30					0.0
1/03/2024 20:40					0.0
1/03/2024 20:50					0.0
1/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/03/2024 21:10					0.0
1/03/2024 21:20					0.0
1/03/2024 21:30					0.0
1/03/2024 21:40					0.0
1/03/2024 21:50					0.0
1/03/2024 22:00					0.0
1/03/2024 22:10					0.0
1/03/2024 22:20					0.0
1/03/2024 22:30					0.0
1/03/2024 22:40					0.0
1/03/2024 22:50					0.0
1/03/2024 23:00					0.0
1/03/2024 23:10					0.0
1/03/2024 23:20					0.0
1/03/2024 23:30					0.0
1/03/2024 23:40					0.0
1/03/2024 23:50					0.0
2/03/2024 0:00					0.0
2/03/2024 0:10					0.0
2/03/2024 0:20					0.0
2/03/2024 0:30					0.0
2/03/2024 0:40					0.0
2/03/2024 0:50					0.0
2/03/2024 1:00					0.0
2/03/2024 1:10					0.0
2/03/2024 1:20					0.0
2/03/2024 1:30					0.0
2/03/2024 1:40					0.0
2/03/2024 1:50					0.0
2/03/2024 2:00					0.0
2/03/2024 2:10					0.0
2/03/2024 2:20					0.0
2/03/2024 2:30					0.0
2/03/2024 2:40					0.0
2/03/2024 2:50					0.0
2/03/2024 3:00					0.0
2/03/2024 3:10					0.0
2/03/2024 3:20					0.0
2/03/2024 3:30					0.0
2/03/2024 3:40					0.0
2/03/2024 3:50					0.0
2/03/2024 4:00					0.0
2/03/2024 4:10					0.0
2/03/2024 4:20					0.0
2/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/03/2024 4:40					0.0
2/03/2024 4:50					0.0
2/03/2024 5:00					0.0
2/03/2024 5:10					0.0
2/03/2024 5:20					0.0
2/03/2024 5:30					0.0
2/03/2024 5:40					0.0
2/03/2024 5:50					0.0
2/03/2024 6:00					0.0
2/03/2024 6:10					0.0
2/03/2024 6:20					0.0
2/03/2024 6:30					0.0
2/03/2024 6:40					0.0
2/03/2024 6:50					0.0
2/03/2024 7:00					0.0
2/03/2024 7:10					0.0
2/03/2024 7:20					0.0
2/03/2024 7:30					0.0
2/03/2024 7:40					0.0
2/03/2024 7:50					0.0
2/03/2024 8:00					0.0
2/03/2024 8:10					0.0
2/03/2024 8:20					0.0
2/03/2024 8:30					0.0
2/03/2024 8:40					0.0
2/03/2024 8:50					0.0
2/03/2024 9:00					0.0
2/03/2024 9:10					0.0
2/03/2024 9:20					0.0
2/03/2024 9:30					0.0
2/03/2024 9:40					0.0
2/03/2024 9:50					0.0
2/03/2024 10:00					0.0
2/03/2024 10:10					0.0
2/03/2024 10:20					0.0
2/03/2024 10:30					0.0
2/03/2024 10:40					0.0
2/03/2024 10:50					0.0
2/03/2024 11:00					0.0
2/03/2024 11:10					0.0
2/03/2024 11:20					0.0
2/03/2024 11:30					0.0
2/03/2024 11:40					0.0
2/03/2024 11:50					0.0
2/03/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/03/2024 12:10					0.0
2/03/2024 12:20					0.0
2/03/2024 12:30					0.0
2/03/2024 12:40					0.0
2/03/2024 12:50					0.0
2/03/2024 13:00					0.0
2/03/2024 13:10					0.0
2/03/2024 13:20					0.0
2/03/2024 13:30					0.0
2/03/2024 13:40					0.0
2/03/2024 13:50					0.0
2/03/2024 14:00					0.0
2/03/2024 14:10					0.0
2/03/2024 14:20					0.0
2/03/2024 14:30					0.0
2/03/2024 14:40					0.0
2/03/2024 14:50					0.0
2/03/2024 15:00					0.0
2/03/2024 15:10					0.0
2/03/2024 15:20					0.0
2/03/2024 15:30					0.0
2/03/2024 15:40					0.0
2/03/2024 15:50					0.0
2/03/2024 16:00					0.0
2/03/2024 16:10					0.0
2/03/2024 16:20					0.0
2/03/2024 16:30					0.0
2/03/2024 16:40					0.0
2/03/2024 16:50					0.0
2/03/2024 17:00					0.0
2/03/2024 17:10					0.0
2/03/2024 17:20					0.0
2/03/2024 17:30					0.0
2/03/2024 17:40					0.0
2/03/2024 17:50					0.0
2/03/2024 18:00					0.0
2/03/2024 18:10					0.0
2/03/2024 18:20					0.0
2/03/2024 18:30					0.0
2/03/2024 18:40					0.0
2/03/2024 18:50					0.0
2/03/2024 19:00					0.0
2/03/2024 19:10					0.0
2/03/2024 19:20					0.0
2/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/03/2024 19:40					0.0
2/03/2024 19:50					0.0
2/03/2024 20:00					0.0
2/03/2024 20:10					0.0
2/03/2024 20:20					0.0
2/03/2024 20:30					0.0
2/03/2024 20:40					0.0
2/03/2024 20:50					0.0
2/03/2024 21:00					0.0
2/03/2024 21:10					0.0
2/03/2024 21:20					0.0
2/03/2024 21:30					0.0
2/03/2024 21:40					0.0
2/03/2024 21:50					0.0
2/03/2024 22:00					0.0
2/03/2024 22:10					0.0
2/03/2024 22:20					0.0
2/03/2024 22:30					0.0
2/03/2024 22:40					0.0
2/03/2024 22:50					0.0
2/03/2024 23:00					0.0
2/03/2024 23:10					0.0
2/03/2024 23:20					0.0
2/03/2024 23:30					0.0
2/03/2024 23:40					0.0
2/03/2024 23:50					0.0
3/03/2024 0:00					0.0
3/03/2024 0:10					0.0
3/03/2024 0:20					0.0
3/03/2024 0:30					0.0
3/03/2024 0:40					0.0
3/03/2024 0:50					0.0
3/03/2024 1:00					0.0
3/03/2024 1:10					0.0
3/03/2024 1:20					0.0
3/03/2024 1:30					0.0
3/03/2024 1:40					0.0
3/03/2024 1:50					0.0
3/03/2024 2:00					0.0
3/03/2024 2:10					0.0
3/03/2024 2:20					0.0
3/03/2024 2:30					0.0
3/03/2024 2:40					0.0
3/03/2024 2:50					0.0
3/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/03/2024 3:10					0.0
3/03/2024 3:20					0.0
3/03/2024 3:30					0.0
3/03/2024 3:40					0.0
3/03/2024 3:50					0.0
3/03/2024 4:00					0.0
3/03/2024 4:10					0.0
3/03/2024 4:20					0.0
3/03/2024 4:30					0.0
3/03/2024 4:40					0.0
3/03/2024 4:50					0.0
3/03/2024 5:00					0.0
3/03/2024 5:10					0.0
3/03/2024 5:20					0.0
3/03/2024 5:30					0.0
3/03/2024 5:40					0.0
3/03/2024 5:50					0.0
3/03/2024 6:00					0.0
3/03/2024 6:10					0.0
3/03/2024 6:20					0.0
3/03/2024 6:30					0.0
3/03/2024 6:40					0.0
3/03/2024 6:50					0.0
3/03/2024 7:00					0.0
3/03/2024 7:10					0.0
3/03/2024 7:20					0.0
3/03/2024 7:30					0.0
3/03/2024 7:40					0.0
3/03/2024 7:50					0.0
3/03/2024 8:00					0.0
3/03/2024 8:10					0.0
3/03/2024 8:20					0.0
3/03/2024 8:30					0.0
3/03/2024 8:40					0.0
3/03/2024 8:50					0.0
3/03/2024 9:00					0.0
3/03/2024 9:10					0.0
3/03/2024 9:20					0.0
3/03/2024 9:30					0.0
3/03/2024 9:40					0.0
3/03/2024 9:50					0.0
3/03/2024 10:00					0.0
3/03/2024 10:10					0.0
3/03/2024 10:20					0.0
3/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/03/2024 10:40					0.0
3/03/2024 10:50					0.0
3/03/2024 11:00					0.0
3/03/2024 11:10					0.0
3/03/2024 11:20					0.0
3/03/2024 11:30					0.0
3/03/2024 11:40					0.0
3/03/2024 11:50					0.0
3/03/2024 12:00					0.0
3/03/2024 12:10					0.0
3/03/2024 12:20					0.0
3/03/2024 12:30					0.0
3/03/2024 12:40					0.0
3/03/2024 12:50					0.0
3/03/2024 13:00					0.0
3/03/2024 13:10					0.0
3/03/2024 13:20					0.0
3/03/2024 13:30					0.0
3/03/2024 13:40					0.0
3/03/2024 13:50					0.0
3/03/2024 14:00					0.0
3/03/2024 14:10					0.0
3/03/2024 14:20					0.0
3/03/2024 14:30					0.0
3/03/2024 14:40					0.0
3/03/2024 14:50					0.0
3/03/2024 15:00					0.0
3/03/2024 15:10					0.0
3/03/2024 15:20					0.0
3/03/2024 15:30					0.0
3/03/2024 15:40					0.0
3/03/2024 15:50					0.0
3/03/2024 16:00					0.0
3/03/2024 16:10					0.0
3/03/2024 16:20					0.0
3/03/2024 16:30					0.0
3/03/2024 16:40					0.0
3/03/2024 16:50					0.0
3/03/2024 17:00					0.0
3/03/2024 17:10					0.0
3/03/2024 17:20					0.0
3/03/2024 17:30					0.0
3/03/2024 17:40					0.0
3/03/2024 17:50					0.0
3/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/03/2024 18:10					0.0
3/03/2024 18:20					0.0
3/03/2024 18:30					0.0
3/03/2024 18:40					0.0
3/03/2024 18:50					0.0
3/03/2024 19:00					0.0
3/03/2024 19:10					0.0
3/03/2024 19:20					0.0
3/03/2024 19:30					0.0
3/03/2024 19:40					0.0
3/03/2024 19:50					0.0
3/03/2024 20:00					0.0
3/03/2024 20:10					0.0
3/03/2024 20:20					0.0
3/03/2024 20:30					0.0
3/03/2024 20:40					0.0
3/03/2024 20:50					0.0
3/03/2024 21:00					0.0
3/03/2024 21:10					0.0
3/03/2024 21:20					0.0
3/03/2024 21:30					0.0
3/03/2024 21:40					0.0
3/03/2024 21:50					0.0
3/03/2024 22:00					0.0
3/03/2024 22:10					0.0
3/03/2024 22:20					0.0
3/03/2024 22:30					0.0
3/03/2024 22:40					0.0
3/03/2024 22:50					0.0
3/03/2024 23:00					0.0
3/03/2024 23:10					0.0
3/03/2024 23:20					0.0
3/03/2024 23:30					0.0
3/03/2024 23:40					0.0
3/03/2024 23:50					0.0
4/03/2024 0:00					0.0
4/03/2024 0:10					0.0
4/03/2024 0:20					0.0
4/03/2024 0:30					0.0
4/03/2024 0:40					0.0
4/03/2024 0:50					0.0
4/03/2024 1:00					0.0
4/03/2024 1:10					0.0
4/03/2024 1:20					0.0
4/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/03/2024 1:40					0.0
4/03/2024 1:50					0.0
4/03/2024 2:00					0.0
4/03/2024 2:10					0.0
4/03/2024 2:20					0.0
4/03/2024 2:30					0.0
4/03/2024 2:40					0.0
4/03/2024 2:50					0.0
4/03/2024 3:00					0.0
4/03/2024 3:10					0.0
4/03/2024 3:20					0.0
4/03/2024 3:30					0.0
4/03/2024 3:40					0.0
4/03/2024 3:50					0.0
4/03/2024 4:00					0.0
4/03/2024 4:10					0.0
4/03/2024 4:20					0.0
4/03/2024 4:30					0.0
4/03/2024 4:40					0.0
4/03/2024 4:50					0.0
4/03/2024 5:00					0.0
4/03/2024 5:10					0.0
4/03/2024 5:20					0.0
4/03/2024 5:30					0.0
4/03/2024 5:40					0.0
4/03/2024 5:50					0.0
4/03/2024 6:00					0.0
4/03/2024 6:10					0.0
4/03/2024 6:20					0.0
4/03/2024 6:30					0.0
4/03/2024 6:40					0.0
4/03/2024 6:50					0.0
4/03/2024 7:00					0.0
4/03/2024 7:10					0.0
4/03/2024 7:20					0.0
4/03/2024 7:30					0.0
4/03/2024 7:40					0.0
4/03/2024 7:50					0.0
4/03/2024 8:00					0.0
4/03/2024 8:10					0.0
4/03/2024 8:20					0.0
4/03/2024 8:30					0.0
4/03/2024 8:40					0.0
4/03/2024 8:50					0.0
4/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/03/2024 9:10					0.0
4/03/2024 9:20					0.0
4/03/2024 9:30					0.0
4/03/2024 9:40					0.0
4/03/2024 9:50					0.0
4/03/2024 10:00					0.0
4/03/2024 10:10					0.0
4/03/2024 10:20					0.0
4/03/2024 10:30					0.0
4/03/2024 10:40					0.0
4/03/2024 10:50					0.0
4/03/2024 11:00					0.0
4/03/2024 11:10					0.0
4/03/2024 11:20					0.0
4/03/2024 11:30					0.0
4/03/2024 11:40					0.0
4/03/2024 11:50					0.0
4/03/2024 12:00					0.0
4/03/2024 12:10					0.0
4/03/2024 12:20					0.0
4/03/2024 12:30					0.0
4/03/2024 12:40					0.0
4/03/2024 12:50					0.0
4/03/2024 13:00					0.0
4/03/2024 13:10					0.0
4/03/2024 13:20					0.0
4/03/2024 13:30					0.0
4/03/2024 13:40					0.0
4/03/2024 13:50					0.0
4/03/2024 14:00					0.0
4/03/2024 14:10					0.0
4/03/2024 14:20					0.0
4/03/2024 14:30					0.0
4/03/2024 14:40					0.0
4/03/2024 14:50					0.0
4/03/2024 15:00					0.0
4/03/2024 15:10					0.0
4/03/2024 15:20					0.0
4/03/2024 15:30					0.0
4/03/2024 15:40					0.0
4/03/2024 15:50					0.0
4/03/2024 16:00					0.0
4/03/2024 16:10					0.0
4/03/2024 16:20					0.0
4/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/03/2024 16:40					0.0
4/03/2024 16:50					0.0
4/03/2024 17:00					0.0
4/03/2024 17:10					0.0
4/03/2024 17:20					0.0
4/03/2024 17:30					0.0
4/03/2024 17:40					0.0
4/03/2024 17:50					0.0
4/03/2024 18:00					0.0
4/03/2024 18:10					0.0
4/03/2024 18:20					0.0
4/03/2024 18:30					0.0
4/03/2024 18:40					0.0
4/03/2024 18:50					0.0
4/03/2024 19:00					0.0
4/03/2024 19:10					0.0
4/03/2024 19:20					0.0
4/03/2024 19:30					0.0
4/03/2024 19:40					0.0
4/03/2024 19:50					0.0
4/03/2024 20:00					0.0
4/03/2024 20:10					0.0
4/03/2024 20:20					0.0
4/03/2024 20:30					0.0
4/03/2024 20:40					0.0
4/03/2024 20:50					0.0
4/03/2024 21:00					0.0
4/03/2024 21:10					0.0
4/03/2024 21:20					0.0
4/03/2024 21:30					0.0
4/03/2024 21:40					0.0
4/03/2024 21:50					0.0
4/03/2024 22:00					0.0
4/03/2024 22:10					0.0
4/03/2024 22:20					0.0
4/03/2024 22:30					0.0
4/03/2024 22:40					0.0
4/03/2024 22:50					0.0
4/03/2024 23:00					0.0
4/03/2024 23:10					0.0
4/03/2024 23:20					0.0
4/03/2024 23:30					0.0
4/03/2024 23:40					0.0
4/03/2024 23:50					0.0
5/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/03/2024 0:10					0.0
5/03/2024 0:20					0.0
5/03/2024 0:30					0.0
5/03/2024 0:40					0.0
5/03/2024 0:50					0.0
5/03/2024 1:00					0.0
5/03/2024 1:10					0.0
5/03/2024 1:20					0.0
5/03/2024 1:30					0.0
5/03/2024 1:40					0.0
5/03/2024 1:50					0.0
5/03/2024 2:00					0.0
5/03/2024 2:10					0.0
5/03/2024 2:20					0.0
5/03/2024 2:30					0.0
5/03/2024 2:40					0.0
5/03/2024 2:50					0.0
5/03/2024 3:00					0.0
5/03/2024 3:10					0.0
5/03/2024 3:20					0.0
5/03/2024 3:30					0.0
5/03/2024 3:40					0.0
5/03/2024 3:50					0.0
5/03/2024 4:00					0.0
5/03/2024 4:10					0.0
5/03/2024 4:20					0.0
5/03/2024 4:30					0.0
5/03/2024 4:40					0.0
5/03/2024 4:50					0.0
5/03/2024 5:00					0.0
5/03/2024 5:10					0.0
5/03/2024 5:20					0.0
5/03/2024 5:30					0.0
5/03/2024 5:40					0.0
5/03/2024 5:50					0.0
5/03/2024 6:00					0.0
5/03/2024 6:10					0.0
5/03/2024 6:20					0.0
5/03/2024 6:30					0.0
5/03/2024 6:40					0.0
5/03/2024 6:50					0.0
5/03/2024 7:00					0.0
5/03/2024 7:10					0.0
5/03/2024 7:20					0.0
5/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/03/2024 7:40					0.0
5/03/2024 7:50					0.0
5/03/2024 8:00					0.0
5/03/2024 8:10					0.0
5/03/2024 8:20					0.0
5/03/2024 8:30					0.0
5/03/2024 8:40					0.0
5/03/2024 8:50					0.0
5/03/2024 9:00					0.0
5/03/2024 9:10					0.0
5/03/2024 9:20					0.0
5/03/2024 9:30					0.0
5/03/2024 9:40					0.0
5/03/2024 9:50					0.0
5/03/2024 10:00					0.0
5/03/2024 10:10					0.0
5/03/2024 10:20					0.0
5/03/2024 10:30					0.0
5/03/2024 10:40					0.0
5/03/2024 10:50					0.0
5/03/2024 11:00					0.0
5/03/2024 11:10					0.0
5/03/2024 11:20					0.0
5/03/2024 11:30					0.0
5/03/2024 11:40					0.0
5/03/2024 11:50					0.0
5/03/2024 12:00					0.0
5/03/2024 12:10					0.0
5/03/2024 12:20					0.0
5/03/2024 12:30					0.0
5/03/2024 12:40					0.0
5/03/2024 12:50					0.0
5/03/2024 13:00					0.0
5/03/2024 13:10					0.0
5/03/2024 13:20					0.0
5/03/2024 13:30					0.0
5/03/2024 13:40					0.0
5/03/2024 13:50					0.0
5/03/2024 14:00					0.0
5/03/2024 14:10					0.0
5/03/2024 14:20					0.0
5/03/2024 14:30					0.0
5/03/2024 14:40					0.0
5/03/2024 14:50					0.0
5/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/03/2024 15:10					0.0
5/03/2024 15:20					0.0
5/03/2024 15:30					0.0
5/03/2024 15:40					0.0
5/03/2024 15:50					0.0
5/03/2024 16:00					0.0
5/03/2024 16:10					0.0
5/03/2024 16:20					0.0
5/03/2024 16:30					0.0
5/03/2024 16:40					0.0
5/03/2024 16:50					0.0
5/03/2024 17:00					0.0
5/03/2024 17:10					0.0
5/03/2024 17:20					0.0
5/03/2024 17:30					0.0
5/03/2024 17:40					0.0
5/03/2024 17:50					0.0
5/03/2024 18:00					0.0
5/03/2024 18:10					0.0
5/03/2024 18:20					0.0
5/03/2024 18:30					0.0
5/03/2024 18:40					0.0
5/03/2024 18:50					0.0
5/03/2024 19:00					0.0
5/03/2024 19:10					0.0
5/03/2024 19:20					0.0
5/03/2024 19:30					0.0
5/03/2024 19:40					0.0
5/03/2024 19:50					0.0
5/03/2024 20:00					0.0
5/03/2024 20:10					0.0
5/03/2024 20:20					0.0
5/03/2024 20:30					0.0
5/03/2024 20:40					0.0
5/03/2024 20:50					0.0
5/03/2024 21:00					0.0
5/03/2024 21:10					0.0
5/03/2024 21:20					0.0
5/03/2024 21:30					0.0
5/03/2024 21:40					0.1
5/03/2024 21:50					0.0
5/03/2024 22:00					0.0
5/03/2024 22:10					0.0
5/03/2024 22:20					0.0
5/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/03/2024 22:40					0.0
5/03/2024 22:50					0.0
5/03/2024 23:00					0.0
5/03/2024 23:10					0.0
5/03/2024 23:20					0.0
5/03/2024 23:30					0.0
5/03/2024 23:40					0.0
5/03/2024 23:50					0.0
6/03/2024 0:00					0.0
6/03/2024 0:10					0.0
6/03/2024 0:20					0.0
6/03/2024 0:30					0.0
6/03/2024 0:40					0.0
6/03/2024 0:50					0.0
6/03/2024 1:00					0.0
6/03/2024 1:10					0.0
6/03/2024 1:20					0.0
6/03/2024 1:30					0.0
6/03/2024 1:40					0.0
6/03/2024 1:50					0.0
6/03/2024 2:00					0.0
6/03/2024 2:10					0.0
6/03/2024 2:20					0.0
6/03/2024 2:30					0.0
6/03/2024 2:40					0.0
6/03/2024 2:50					0.0
6/03/2024 3:00					0.0
6/03/2024 3:10					0.0
6/03/2024 3:20					0.0
6/03/2024 3:30					0.0
6/03/2024 3:40					0.0
6/03/2024 3:50					0.0
6/03/2024 4:00					0.0
6/03/2024 4:10					0.0
6/03/2024 4:20					0.0
6/03/2024 4:30					0.0
6/03/2024 4:40					0.0
6/03/2024 4:50					0.0
6/03/2024 5:00					0.0
6/03/2024 5:10					0.0
6/03/2024 5:20					0.0
6/03/2024 5:30					0.0
6/03/2024 5:40					0.0
6/03/2024 5:50					0.0
6/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/03/2024 6:10					0.0
6/03/2024 6:20					0.0
6/03/2024 6:30					0.0
6/03/2024 6:40					0.0
6/03/2024 6:50					0.0
6/03/2024 7:00					0.0
6/03/2024 7:10					0.0
6/03/2024 7:20					0.0
6/03/2024 7:30					0.0
6/03/2024 7:40					0.0
6/03/2024 7:50					0.0
6/03/2024 8:00					0.0
6/03/2024 8:10					0.0
6/03/2024 8:20					0.0
6/03/2024 8:30					0.0
6/03/2024 8:40					0.0
6/03/2024 8:50					0.0
6/03/2024 9:00					0.0
6/03/2024 9:10					0.0
6/03/2024 9:20					0.0
6/03/2024 9:30					0.0
6/03/2024 9:40					0.0
6/03/2024 9:50					0.1
6/03/2024 10:00					0.0
6/03/2024 10:10					0.0
6/03/2024 10:20					0.0
6/03/2024 10:30					0.0
6/03/2024 10:40					0.0
6/03/2024 10:50					0.0
6/03/2024 11:00					0.0
6/03/2024 11:10					0.0
6/03/2024 11:20					0.0
6/03/2024 11:30					0.0
6/03/2024 11:40					0.0
6/03/2024 11:50					0.0
6/03/2024 12:00					0.0
6/03/2024 12:10					0.0
6/03/2024 12:20					0.0
6/03/2024 12:30					0.0
6/03/2024 12:40					0.0
6/03/2024 12:50					0.0
6/03/2024 13:00					0.0
6/03/2024 13:10					0.0
6/03/2024 13:20					0.0
6/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/03/2024 13:40					0.0
6/03/2024 13:50					0.0
6/03/2024 14:00					0.0
6/03/2024 14:10					0.0
6/03/2024 14:20					0.0
6/03/2024 14:30					0.0
6/03/2024 14:40					0.0
6/03/2024 14:50					0.0
6/03/2024 15:00					0.0
6/03/2024 15:10					0.0
6/03/2024 15:20					0.0
6/03/2024 15:30					0.0
6/03/2024 15:40					0.0
6/03/2024 15:50					0.0
6/03/2024 16:00					0.0
6/03/2024 16:10					0.0
6/03/2024 16:20					0.0
6/03/2024 16:30					0.0
6/03/2024 16:40					0.0
6/03/2024 16:50					0.0
6/03/2024 17:00					0.0
6/03/2024 17:10					0.0
6/03/2024 17:20					0.0
6/03/2024 17:30					0.0
6/03/2024 17:40					0.0
6/03/2024 17:50					0.0
6/03/2024 18:00					0.0
6/03/2024 18:10					0.0
6/03/2024 18:20					0.0
6/03/2024 18:30					0.0
6/03/2024 18:40					0.0
6/03/2024 18:50					0.0
6/03/2024 19:00					0.0
6/03/2024 19:10					0.0
6/03/2024 19:20					0.0
6/03/2024 19:30					0.0
6/03/2024 19:40					0.0
6/03/2024 19:50					0.0
6/03/2024 20:00					0.0
6/03/2024 20:10					0.0
6/03/2024 20:20					0.0
6/03/2024 20:30					0.0
6/03/2024 20:40					0.0
6/03/2024 20:50					0.0
6/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/03/2024 21:10					0.0
6/03/2024 21:20					0.0
6/03/2024 21:30					0.0
6/03/2024 21:40					0.0
6/03/2024 21:50					0.0
6/03/2024 22:00					0.0
6/03/2024 22:10					0.0
6/03/2024 22:20					0.0
6/03/2024 22:30					0.0
6/03/2024 22:40					0.0
6/03/2024 22:50					0.0
6/03/2024 23:00					0.0
6/03/2024 23:10					0.0
6/03/2024 23:20					0.0
6/03/2024 23:30					0.0
6/03/2024 23:40					0.0
6/03/2024 23:50					0.0
7/03/2024 0:00					0.0
7/03/2024 0:10					0.0
7/03/2024 0:20					0.0
7/03/2024 0:30					0.0
7/03/2024 0:40					0.0
7/03/2024 0:50					0.0
7/03/2024 1:00					0.0
7/03/2024 1:10					0.0
7/03/2024 1:20					0.0
7/03/2024 1:30					0.0
7/03/2024 1:40					0.0
7/03/2024 1:50					0.0
7/03/2024 2:00					0.0
7/03/2024 2:10					0.0
7/03/2024 2:20					0.0
7/03/2024 2:30					0.0
7/03/2024 2:40					0.0
7/03/2024 2:50					0.0
7/03/2024 3:00					0.0
7/03/2024 3:10					0.0
7/03/2024 3:20					0.0
7/03/2024 3:30					0.0
7/03/2024 3:40					0.0
7/03/2024 3:50					0.0
7/03/2024 4:00					0.0
7/03/2024 4:10					0.0
7/03/2024 4:20					0.0
7/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/03/2024 4:40					0.0
7/03/2024 4:50					0.0
7/03/2024 5:00					0.0
7/03/2024 5:10					0.0
7/03/2024 5:20					0.0
7/03/2024 5:30					0.0
7/03/2024 5:40					0.0
7/03/2024 5:50					0.0
7/03/2024 6:00					0.0
7/03/2024 6:10					0.0
7/03/2024 6:20					0.0
7/03/2024 6:30					0.0
7/03/2024 6:40					0.0
7/03/2024 6:50					0.0
7/03/2024 7:00					0.0
7/03/2024 7:10					0.0
7/03/2024 7:20					0.0
7/03/2024 7:30					0.0
7/03/2024 7:40					0.0
7/03/2024 7:50					0.0
7/03/2024 8:00					0.0
7/03/2024 8:10					0.0
7/03/2024 8:20					0.0
7/03/2024 8:30					0.0
7/03/2024 8:40					0.0
7/03/2024 8:50					0.0
7/03/2024 9:00					0.0
7/03/2024 9:10					0.0
7/03/2024 9:20					0.0
7/03/2024 9:30					0.0
7/03/2024 9:40					0.0
7/03/2024 9:50					0.0
7/03/2024 10:00					0.0
7/03/2024 10:10					0.0
7/03/2024 10:20					0.0
7/03/2024 10:30					0.0
7/03/2024 10:40					0.0
7/03/2024 10:50					0.0
7/03/2024 11:00					0.0
7/03/2024 11:10					0.0
7/03/2024 11:20					0.0
7/03/2024 11:30					0.0
7/03/2024 11:40					0.0
7/03/2024 11:50					0.0
7/03/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/03/2024 12:10					0.0
7/03/2024 12:20					0.0
7/03/2024 12:30					0.0
7/03/2024 12:40					0.0
7/03/2024 12:50					0.0
7/03/2024 13:00					0.0
7/03/2024 13:10					0.0
7/03/2024 13:20					0.0
7/03/2024 13:30					0.0
7/03/2024 13:40					0.0
7/03/2024 13:50					0.0
7/03/2024 14:00					0.0
7/03/2024 14:10					0.0
7/03/2024 14:20					0.0
7/03/2024 14:30					0.0
7/03/2024 14:40					0.0
7/03/2024 14:50					0.0
7/03/2024 15:00					0.0
7/03/2024 15:10					0.0
7/03/2024 15:20					0.0
7/03/2024 15:30					0.0
7/03/2024 15:40					0.0
7/03/2024 15:50					0.0
7/03/2024 16:00					0.0
7/03/2024 16:10					0.0
7/03/2024 16:20					0.0
7/03/2024 16:30					0.0
7/03/2024 16:40					0.0
7/03/2024 16:50					0.0
7/03/2024 17:00					0.0
7/03/2024 17:10					0.0
7/03/2024 17:20					0.0
7/03/2024 17:30					0.0
7/03/2024 17:40					0.0
7/03/2024 17:50					0.0
7/03/2024 18:00					0.0
7/03/2024 18:10					0.0
7/03/2024 18:20					0.0
7/03/2024 18:30					0.0
7/03/2024 18:40					0.0
7/03/2024 18:50					0.0
7/03/2024 19:00					0.0
7/03/2024 19:10					0.0
7/03/2024 19:20					0.0
7/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/03/2024 19:40					0.0
7/03/2024 19:50					0.0
7/03/2024 20:00					0.0
7/03/2024 20:10					0.0
7/03/2024 20:20					0.0
7/03/2024 20:30					0.0
7/03/2024 20:40					0.0
7/03/2024 20:50					0.0
7/03/2024 21:00					0.0
7/03/2024 21:10					0.0
7/03/2024 21:20					0.0
7/03/2024 21:30					0.0
7/03/2024 21:40					0.0
7/03/2024 21:50					0.0
7/03/2024 22:00					0.0
7/03/2024 22:10					0.0
7/03/2024 22:20					0.0
7/03/2024 22:30					0.0
7/03/2024 22:40					0.0
7/03/2024 22:50					0.0
7/03/2024 23:00					0.0
7/03/2024 23:10					0.0
7/03/2024 23:20					0.0
7/03/2024 23:30					0.0
7/03/2024 23:40					0.0
7/03/2024 23:50					0.0
8/03/2024 0:00					0.0
8/03/2024 0:10					0.0
8/03/2024 0:20					0.0
8/03/2024 0:30					0.0
8/03/2024 0:40					0.0
8/03/2024 0:50					0.0
8/03/2024 1:00					0.0
8/03/2024 1:10					0.0
8/03/2024 1:20					0.0
8/03/2024 1:30					0.0
8/03/2024 1:40					0.0
8/03/2024 1:50					0.0
8/03/2024 2:00					0.0
8/03/2024 2:10					0.0
8/03/2024 2:20					0.0
8/03/2024 2:30					0.0
8/03/2024 2:40					0.0
8/03/2024 2:50					0.0
8/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/03/2024 3:10					0.0
8/03/2024 3:20					0.0
8/03/2024 3:30					0.0
8/03/2024 3:40					0.0
8/03/2024 3:50					0.0
8/03/2024 4:00					0.0
8/03/2024 4:10					0.0
8/03/2024 4:20					0.0
8/03/2024 4:30					0.0
8/03/2024 4:40					0.0
8/03/2024 4:50					0.0
8/03/2024 5:00					0.0
8/03/2024 5:10					0.0
8/03/2024 5:20					0.0
8/03/2024 5:30					0.0
8/03/2024 5:40					0.0
8/03/2024 5:50					0.0
8/03/2024 6:00					0.0
8/03/2024 6:10					0.0
8/03/2024 6:20					0.0
8/03/2024 6:30					0.0
8/03/2024 6:40					0.0
8/03/2024 6:50					0.0
8/03/2024 7:00					0.0
8/03/2024 7:10					0.0
8/03/2024 7:20					0.0
8/03/2024 7:30					0.0
8/03/2024 7:40					0.0
8/03/2024 7:50					0.0
8/03/2024 8:00					0.0
8/03/2024 8:10					0.0
8/03/2024 8:20					0.0
8/03/2024 8:30					0.0
8/03/2024 8:40					0.0
8/03/2024 8:50					0.0
8/03/2024 9:00					0.0
8/03/2024 9:10					0.0
8/03/2024 9:20					0.0
8/03/2024 9:30					0.0
8/03/2024 9:40					0.0
8/03/2024 9:50					0.0
8/03/2024 10:00					0.0
8/03/2024 10:10					0.0
8/03/2024 10:20					0.0
8/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/03/2024 10:40					0.0
8/03/2024 10:50					0.0
8/03/2024 11:00					0.0
8/03/2024 11:10					0.0
8/03/2024 11:20					0.0
8/03/2024 11:30					0.0
8/03/2024 11:40					0.0
8/03/2024 11:50					0.0
8/03/2024 12:00					0.0
8/03/2024 12:10					0.0
8/03/2024 12:20					0.0
8/03/2024 12:30					0.0
8/03/2024 12:40					0.0
8/03/2024 12:50					0.0
8/03/2024 13:00					0.0
8/03/2024 13:10					0.0
8/03/2024 13:20					0.0
8/03/2024 13:30					0.0
8/03/2024 13:40					0.0
8/03/2024 13:50					0.0
8/03/2024 14:00					0.0
8/03/2024 14:10					0.0
8/03/2024 14:20					0.0
8/03/2024 14:30					0.0
8/03/2024 14:40					0.0
8/03/2024 14:50					0.0
8/03/2024 15:00					0.0
8/03/2024 15:10					0.0
8/03/2024 15:20					0.0
8/03/2024 15:30					0.0
8/03/2024 15:40					0.0
8/03/2024 15:50					0.0
8/03/2024 16:00					0.0
8/03/2024 16:10					0.0
8/03/2024 16:20					0.0
8/03/2024 16:30					0.0
8/03/2024 16:40					0.0
8/03/2024 16:50					0.0
8/03/2024 17:00					0.0
8/03/2024 17:10					0.0
8/03/2024 17:20					0.0
8/03/2024 17:30					0.0
8/03/2024 17:40					0.0
8/03/2024 17:50					0.0
8/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/03/2024 18:10					0.0
8/03/2024 18:20					0.0
8/03/2024 18:30					0.0
8/03/2024 18:40					0.0
8/03/2024 18:50					0.0
8/03/2024 19:00					0.0
8/03/2024 19:10					0.0
8/03/2024 19:20					0.0
8/03/2024 19:30					0.0
8/03/2024 19:40					0.0
8/03/2024 19:50					0.0
8/03/2024 20:00					0.0
8/03/2024 20:10					0.0
8/03/2024 20:20					0.0
8/03/2024 20:30					0.0
8/03/2024 20:40					0.0
8/03/2024 20:50					0.0
8/03/2024 21:00					0.0
8/03/2024 21:10					0.0
8/03/2024 21:20					0.0
8/03/2024 21:30					0.0
8/03/2024 21:40					0.0
8/03/2024 21:50					0.0
8/03/2024 22:00					0.0
8/03/2024 22:10					0.0
8/03/2024 22:20					0.0
8/03/2024 22:30					0.0
8/03/2024 22:40					0.0
8/03/2024 22:50					0.0
8/03/2024 23:00					0.0
8/03/2024 23:10					0.0
8/03/2024 23:20					0.0
8/03/2024 23:30					0.0
8/03/2024 23:40					0.0
8/03/2024 23:50					0.0
9/03/2024 0:00					0.0
9/03/2024 0:10					0.0
9/03/2024 0:20					0.0
9/03/2024 0:30					0.0
9/03/2024 0:40					0.0
9/03/2024 0:50					0.0
9/03/2024 1:00					0.0
9/03/2024 1:10					0.0
9/03/2024 1:20					0.0
9/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/03/2024 1:40					0.0
9/03/2024 1:50					0.0
9/03/2024 2:00					0.0
9/03/2024 2:10					0.0
9/03/2024 2:20					0.0
9/03/2024 2:30					0.0
9/03/2024 2:40					0.0
9/03/2024 2:50					0.0
9/03/2024 3:00					0.0
9/03/2024 3:10					0.0
9/03/2024 3:20					0.0
9/03/2024 3:30					0.0
9/03/2024 3:40					0.0
9/03/2024 3:50					0.0
9/03/2024 4:00					0.0
9/03/2024 4:10					0.0
9/03/2024 4:20					0.0
9/03/2024 4:30					0.0
9/03/2024 4:40					0.0
9/03/2024 4:50					0.0
9/03/2024 5:00					0.0
9/03/2024 5:10					0.0
9/03/2024 5:20					0.0
9/03/2024 5:30					0.0
9/03/2024 5:40					0.0
9/03/2024 5:50					0.0
9/03/2024 6:00					0.0
9/03/2024 6:10					0.0
9/03/2024 6:20					0.0
9/03/2024 6:30					0.0
9/03/2024 6:40					0.0
9/03/2024 6:50					0.0
9/03/2024 7:00					0.0
9/03/2024 7:10					0.0
9/03/2024 7:20					0.0
9/03/2024 7:30					0.0
9/03/2024 7:40					0.0
9/03/2024 7:50					0.0
9/03/2024 8:00					0.0
9/03/2024 8:10					0.0
9/03/2024 8:20					0.0
9/03/2024 8:30					0.0
9/03/2024 8:40					0.0
9/03/2024 8:50					0.0
9/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/03/2024 9:10					0.0
9/03/2024 9:20					0.0
9/03/2024 9:30					0.0
9/03/2024 9:40					0.0
9/03/2024 9:50					0.0
9/03/2024 10:00					0.0
9/03/2024 10:10					0.0
9/03/2024 10:20					0.0
9/03/2024 10:30					0.0
9/03/2024 10:40					0.0
9/03/2024 10:50					0.0
9/03/2024 11:00					0.0
9/03/2024 11:10					0.0
9/03/2024 11:20					0.0
9/03/2024 11:30					0.0
9/03/2024 11:40					0.0
9/03/2024 11:50					0.0
9/03/2024 12:00					0.0
9/03/2024 12:10					0.0
9/03/2024 12:20					0.0
9/03/2024 12:30					0.0
9/03/2024 12:40					0.0
9/03/2024 12:50					0.0
9/03/2024 13:00					0.0
9/03/2024 13:10					0.0
9/03/2024 13:20					0.0
9/03/2024 13:30					0.0
9/03/2024 13:40					0.0
9/03/2024 13:50					0.0
9/03/2024 14:00					0.0
9/03/2024 14:10					0.0
9/03/2024 14:20					0.0
9/03/2024 14:30					0.0
9/03/2024 14:40					0.0
9/03/2024 14:50					0.0
9/03/2024 15:00					0.0
9/03/2024 15:10					0.0
9/03/2024 15:20					0.0
9/03/2024 15:30					0.0
9/03/2024 15:40					0.0
9/03/2024 15:50					0.0
9/03/2024 16:00					0.0
9/03/2024 16:10					0.0
9/03/2024 16:20					0.0
9/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/03/2024 16:40					0.0
9/03/2024 16:50					0.0
9/03/2024 17:00					0.0
9/03/2024 17:10					0.0
9/03/2024 17:20					0.0
9/03/2024 17:30					0.0
9/03/2024 17:40					0.0
9/03/2024 17:50					0.0
9/03/2024 18:00					0.0
9/03/2024 18:10					0.0
9/03/2024 18:20					0.0
9/03/2024 18:30					0.0
9/03/2024 18:40					0.0
9/03/2024 18:50					0.0
9/03/2024 19:00					0.0
9/03/2024 19:10					0.0
9/03/2024 19:20					0.0
9/03/2024 19:30					0.0
9/03/2024 19:40					0.0
9/03/2024 19:50					0.0
9/03/2024 20:00					0.0
9/03/2024 20:10					0.0
9/03/2024 20:20					0.0
9/03/2024 20:30					0.0
9/03/2024 20:40					0.0
9/03/2024 20:50					0.0
9/03/2024 21:00					0.0
9/03/2024 21:10					0.0
9/03/2024 21:20					0.0
9/03/2024 21:30					0.0
9/03/2024 21:40					0.0
9/03/2024 21:50					0.0
9/03/2024 22:00					0.0
9/03/2024 22:10					0.0
9/03/2024 22:20					0.0
9/03/2024 22:30					0.0
9/03/2024 22:40					0.0
9/03/2024 22:50					0.0
9/03/2024 23:00					0.0
9/03/2024 23:10					0.0
9/03/2024 23:20					0.0
9/03/2024 23:30					0.0
9/03/2024 23:40					0.0
9/03/2024 23:50					0.0
10/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 0:10					0.0
10/03/2024 0:20					0.0
10/03/2024 0:30					0.0
10/03/2024 0:40					0.0
10/03/2024 0:50					0.0
10/03/2024 1:00					0.0
10/03/2024 1:10					0.0
10/03/2024 1:20					0.0
10/03/2024 1:30					0.0
10/03/2024 1:40					0.0
10/03/2024 1:50					0.0
10/03/2024 2:00					0.0
10/03/2024 2:10					0.0
10/03/2024 2:20					0.0
10/03/2024 2:30					0.0
10/03/2024 2:40					0.0
10/03/2024 2:50					0.0
10/03/2024 3:00					0.0
10/03/2024 3:10					0.0
10/03/2024 3:20					0.0
10/03/2024 3:30					0.0
10/03/2024 3:40					0.0
10/03/2024 3:50					0.0
10/03/2024 4:00					0.0
10/03/2024 4:10					0.0
10/03/2024 4:20					0.0
10/03/2024 4:30					0.0
10/03/2024 4:40					0.0
10/03/2024 4:50					0.0
10/03/2024 5:00					0.0
10/03/2024 5:10					0.0
10/03/2024 5:20					0.0
10/03/2024 5:30					0.0
10/03/2024 5:40					0.0
10/03/2024 5:50					0.0
10/03/2024 6:00					0.0
10/03/2024 6:10					0.0
10/03/2024 6:20					0.0
10/03/2024 6:30					0.0
10/03/2024 6:40					0.0
10/03/2024 6:50					0.0
10/03/2024 7:00					0.0
10/03/2024 7:10					0.0
10/03/2024 7:20					0.0
10/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 7:40					0.0
10/03/2024 7:50					0.0
10/03/2024 8:00					0.0
10/03/2024 8:10					0.0
10/03/2024 8:20					0.0
10/03/2024 8:30					0.0
10/03/2024 8:40					0.0
10/03/2024 8:50					0.0
10/03/2024 9:00					0.0
10/03/2024 9:10					0.0
10/03/2024 9:20					0.0
10/03/2024 9:30					0.0
10/03/2024 9:40					0.0
10/03/2024 9:50					0.0
10/03/2024 10:00					0.0
10/03/2024 10:10					0.0
10/03/2024 10:20					0.0
10/03/2024 10:30					0.0
10/03/2024 10:40					0.0
10/03/2024 10:50					0.0
10/03/2024 11:00					0.0
10/03/2024 11:10					0.0
10/03/2024 11:20					0.0
10/03/2024 11:30					0.0
10/03/2024 11:40					0.0
10/03/2024 11:50					0.0
10/03/2024 12:00					0.0
10/03/2024 12:10					0.0
10/03/2024 12:20					0.0
10/03/2024 12:30					0.0
10/03/2024 12:40					0.0
10/03/2024 12:50					0.0
10/03/2024 13:00					0.0
10/03/2024 13:10					0.0
10/03/2024 13:20					0.0
10/03/2024 13:30					0.0
10/03/2024 13:40					0.0
10/03/2024 13:50					0.0
10/03/2024 14:00					0.0
10/03/2024 14:10					0.0
10/03/2024 14:20					0.0
10/03/2024 14:30					0.0
10/03/2024 14:40					0.0
10/03/2024 14:50					0.0
10/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 15:10					0.0
10/03/2024 15:20					0.0
10/03/2024 15:30					0.0
10/03/2024 15:40					0.0
10/03/2024 15:50					0.0
10/03/2024 16:00					0.0
10/03/2024 16:10					0.0
10/03/2024 16:20					0.0
10/03/2024 16:30					0.0
10/03/2024 16:40					0.0
10/03/2024 16:50					0.0
10/03/2024 17:00					0.0
10/03/2024 17:10					0.0
10/03/2024 17:20					0.0
10/03/2024 17:30					0.0
10/03/2024 17:40					0.0
10/03/2024 17:50					0.0
10/03/2024 18:00					0.0
10/03/2024 18:10					0.0
10/03/2024 18:20					0.0
10/03/2024 18:30					0.0
10/03/2024 18:40					0.0
10/03/2024 18:50					0.0
10/03/2024 19:00					0.0
10/03/2024 19:10					0.0
10/03/2024 19:20					0.0
10/03/2024 19:30					0.0
10/03/2024 19:40					0.0
10/03/2024 19:50					0.0
10/03/2024 20:00					0.0
10/03/2024 20:10					0.0
10/03/2024 20:20					0.0
10/03/2024 20:30					0.0
10/03/2024 20:40					0.0
10/03/2024 20:50					0.0
10/03/2024 21:00					0.0
10/03/2024 21:10					0.0
10/03/2024 21:20					0.0
10/03/2024 21:30					0.0
10/03/2024 21:40					0.0
10/03/2024 21:50					0.0
10/03/2024 22:00					0.0
10/03/2024 22:10					0.0
10/03/2024 22:20					0.0
10/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/03/2024 22:40					0.0
10/03/2024 22:50					0.0
10/03/2024 23:00					0.0
10/03/2024 23:10					0.0
10/03/2024 23:20					0.0
10/03/2024 23:30					0.0
10/03/2024 23:40					0.0
10/03/2024 23:50					0.0
11/03/2024 0:00					0.0
11/03/2024 0:10					0.0
11/03/2024 0:20					0.0
11/03/2024 0:30					0.0
11/03/2024 0:40					0.0
11/03/2024 0:50					0.0
11/03/2024 1:00					0.0
11/03/2024 1:10					0.0
11/03/2024 1:20					0.0
11/03/2024 1:30					0.0
11/03/2024 1:40					0.0
11/03/2024 1:50					0.0
11/03/2024 2:00					0.0
11/03/2024 2:10					0.0
11/03/2024 2:20					0.0
11/03/2024 2:30					0.0
11/03/2024 2:40					0.0
11/03/2024 2:50					0.0
11/03/2024 3:00					0.0
11/03/2024 3:10					0.0
11/03/2024 3:20					0.0
11/03/2024 3:30					0.0
11/03/2024 3:40					0.0
11/03/2024 3:50					0.0
11/03/2024 4:00					0.0
11/03/2024 4:10					0.0
11/03/2024 4:20					0.0
11/03/2024 4:30					0.0
11/03/2024 4:40					0.0
11/03/2024 4:50					0.0
11/03/2024 5:00					0.0
11/03/2024 5:10					0.0
11/03/2024 5:20					0.0
11/03/2024 5:30					0.0
11/03/2024 5:40					0.0
11/03/2024 5:50					0.0
11/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 6:10					0.0
11/03/2024 6:20					0.0
11/03/2024 6:30					0.0
11/03/2024 6:40					0.0
11/03/2024 6:50					0.0
11/03/2024 7:00					0.0
11/03/2024 7:10					0.0
11/03/2024 7:20					0.0
11/03/2024 7:30					0.0
11/03/2024 7:40					0.0
11/03/2024 7:50					0.0
11/03/2024 8:00					0.0
11/03/2024 8:10					0.0
11/03/2024 8:20					0.0
11/03/2024 8:30					0.0
11/03/2024 8:40					0.0
11/03/2024 8:50					0.0
11/03/2024 9:00					0.0
11/03/2024 9:10					0.0
11/03/2024 9:20					0.0
11/03/2024 9:30					0.0
11/03/2024 9:40					0.0
11/03/2024 9:50					0.0
11/03/2024 10:00					0.0
11/03/2024 10:10					0.0
11/03/2024 10:20					0.0
11/03/2024 10:30					0.0
11/03/2024 10:40					0.0
11/03/2024 10:50					0.0
11/03/2024 11:00					0.0
11/03/2024 11:10					0.0
11/03/2024 11:20					0.0
11/03/2024 11:30					0.0
11/03/2024 11:40					0.0
11/03/2024 11:50					0.0
11/03/2024 12:00					0.0
11/03/2024 12:10					0.0
11/03/2024 12:20					0.0
11/03/2024 12:30					0.0
11/03/2024 12:40					0.0
11/03/2024 12:50					0.0
11/03/2024 13:00					0.0
11/03/2024 13:10					0.0
11/03/2024 13:20					0.0
11/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 13:40					0.0
11/03/2024 13:50					0.0
11/03/2024 14:00					0.0
11/03/2024 14:10					0.0
11/03/2024 14:20					0.0
11/03/2024 14:30					0.0
11/03/2024 14:40					0.0
11/03/2024 14:50					0.0
11/03/2024 15:00					0.0
11/03/2024 15:10					0.0
11/03/2024 15:20					0.0
11/03/2024 15:30					0.0
11/03/2024 15:40					0.0
11/03/2024 15:50					0.0
11/03/2024 16:00					0.0
11/03/2024 16:10					0.0
11/03/2024 16:20					0.0
11/03/2024 16:30					0.0
11/03/2024 16:40					0.0
11/03/2024 16:50					0.0
11/03/2024 17:00					0.0
11/03/2024 17:10					0.0
11/03/2024 17:20					0.0
11/03/2024 17:30					0.0
11/03/2024 17:40					0.0
11/03/2024 17:50					0.0
11/03/2024 18:00					0.0
11/03/2024 18:10					0.0
11/03/2024 18:20					0.0
11/03/2024 18:30					0.0
11/03/2024 18:40					0.0
11/03/2024 18:50					0.0
11/03/2024 19:00					0.0
11/03/2024 19:10					0.0
11/03/2024 19:20					0.0
11/03/2024 19:30					0.0
11/03/2024 19:40					0.0
11/03/2024 19:50					0.0
11/03/2024 20:00					0.0
11/03/2024 20:10					0.0
11/03/2024 20:20					0.0
11/03/2024 20:30					0.0
11/03/2024 20:40					0.0
11/03/2024 20:50					0.0
11/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/03/2024 21:10					0.0
11/03/2024 21:20					0.0
11/03/2024 21:30					0.0
11/03/2024 21:40					0.0
11/03/2024 21:50					0.0
11/03/2024 22:00					0.0
11/03/2024 22:10					0.0
11/03/2024 22:20					0.0
11/03/2024 22:30					0.0
11/03/2024 22:40					0.0
11/03/2024 22:50					0.0
11/03/2024 23:00					0.0
11/03/2024 23:10					0.0
11/03/2024 23:20					0.0
11/03/2024 23:30					0.0
11/03/2024 23:40					0.0
11/03/2024 23:50					0.0
12/03/2024 0:00					0.0
12/03/2024 0:10					0.0
12/03/2024 0:20					0.0
12/03/2024 0:30					0.0
12/03/2024 0:40					0.0
12/03/2024 0:50					0.0
12/03/2024 1:00					0.0
12/03/2024 1:10					0.0
12/03/2024 1:20					0.0
12/03/2024 1:30					0.0
12/03/2024 1:40					0.0
12/03/2024 1:50					0.0
12/03/2024 2:00					0.0
12/03/2024 2:10					0.0
12/03/2024 2:20					0.0
12/03/2024 2:30					0.0
12/03/2024 2:40					0.0
12/03/2024 2:50					0.0
12/03/2024 3:00					0.0
12/03/2024 3:10					0.0
12/03/2024 3:20					0.0
12/03/2024 3:30					0.0
12/03/2024 3:40					0.0
12/03/2024 3:50					0.0
12/03/2024 4:00					0.0
12/03/2024 4:10					0.0
12/03/2024 4:20					0.0
12/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 4:40					0.0
12/03/2024 4:50					0.0
12/03/2024 5:00					0.0
12/03/2024 5:10					0.0
12/03/2024 5:20					0.0
12/03/2024 5:30					0.0
12/03/2024 5:40					0.0
12/03/2024 5:50					0.0
12/03/2024 6:00					0.0
12/03/2024 6:10					0.0
12/03/2024 6:20					0.0
12/03/2024 6:30					0.0
12/03/2024 6:40					0.0
12/03/2024 6:50					0.0
12/03/2024 7:00					0.0
12/03/2024 7:10					0.0
12/03/2024 7:20					0.0
12/03/2024 7:30					0.0
12/03/2024 7:40					0.0
12/03/2024 7:50					0.0
12/03/2024 8:00					0.0
12/03/2024 8:10					0.0
12/03/2024 8:20					0.0
12/03/2024 8:30					0.0
12/03/2024 8:40					0.0
12/03/2024 8:50					0.0
12/03/2024 9:00					0.0
12/03/2024 9:10					0.0
12/03/2024 9:20					0.0
12/03/2024 9:30					0.0
12/03/2024 9:40					0.0
12/03/2024 9:50					0.0
12/03/2024 10:00					0.0
12/03/2024 10:10					0.0
12/03/2024 10:20					0.0
12/03/2024 10:30					0.0
12/03/2024 10:40					0.0
12/03/2024 10:50					0.0
12/03/2024 11:00					0.0
12/03/2024 11:10					0.0
12/03/2024 11:20					0.0
12/03/2024 11:30					0.0
12/03/2024 11:40					0.0
12/03/2024 11:50					0.0
12/03/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 12:10					0.0
12/03/2024 12:20					0.0
12/03/2024 12:30					0.0
12/03/2024 12:40					0.0
12/03/2024 12:50					0.0
12/03/2024 13:00					0.0
12/03/2024 13:10					0.0
12/03/2024 13:20					0.0
12/03/2024 13:30					0.0
12/03/2024 13:40					0.0
12/03/2024 13:50					0.0
12/03/2024 14:00					0.0
12/03/2024 14:10					0.0
12/03/2024 14:20					0.0
12/03/2024 14:30					0.0
12/03/2024 14:40					0.0
12/03/2024 14:50					0.0
12/03/2024 15:00					0.0
12/03/2024 15:10					0.0
12/03/2024 15:20					0.0
12/03/2024 15:30					0.0
12/03/2024 15:40					0.0
12/03/2024 15:50					0.0
12/03/2024 16:00					0.0
12/03/2024 16:10					0.0
12/03/2024 16:20					0.0
12/03/2024 16:30					0.0
12/03/2024 16:40					0.0
12/03/2024 16:50					0.0
12/03/2024 17:00					0.0
12/03/2024 17:10					0.0
12/03/2024 17:20					0.0
12/03/2024 17:30					0.0
12/03/2024 17:40					0.0
12/03/2024 17:50					0.0
12/03/2024 18:00					0.0
12/03/2024 18:10					0.0
12/03/2024 18:20					0.0
12/03/2024 18:30					0.0
12/03/2024 18:40					0.0
12/03/2024 18:50					0.0
12/03/2024 19:00					0.0
12/03/2024 19:10					0.0
12/03/2024 19:20					0.0
12/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/03/2024 19:40					0.0
12/03/2024 19:50					0.0
12/03/2024 20:00					0.0
12/03/2024 20:10					0.0
12/03/2024 20:20					0.0
12/03/2024 20:30					0.0
12/03/2024 20:40					0.0
12/03/2024 20:50					0.0
12/03/2024 21:00					0.0
12/03/2024 21:10					0.0
12/03/2024 21:20					0.0
12/03/2024 21:30					0.0
12/03/2024 21:40					0.0
12/03/2024 21:50					0.0
12/03/2024 22:00					0.0
12/03/2024 22:10					0.0
12/03/2024 22:20					0.0
12/03/2024 22:30					0.0
12/03/2024 22:40					0.0
12/03/2024 22:50					0.0
12/03/2024 23:00					0.0
12/03/2024 23:10					0.0
12/03/2024 23:20					0.0
12/03/2024 23:30					0.0
12/03/2024 23:40					0.0
12/03/2024 23:50					0.0
13/03/2024 0:00					0.0
13/03/2024 0:10					0.0
13/03/2024 0:20					0.0
13/03/2024 0:30					0.0
13/03/2024 0:40					0.0
13/03/2024 0:50					0.0
13/03/2024 1:00					0.0
13/03/2024 1:10					0.0
13/03/2024 1:20					0.0
13/03/2024 1:30					0.0
13/03/2024 1:40					0.0
13/03/2024 1:50					0.0
13/03/2024 2:00					0.0
13/03/2024 2:10					0.0
13/03/2024 2:20					0.0
13/03/2024 2:30					0.0
13/03/2024 2:40					0.0
13/03/2024 2:50					0.0
13/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 3:10					0.0
13/03/2024 3:20					0.0
13/03/2024 3:30					0.0
13/03/2024 3:40					0.0
13/03/2024 3:50					0.0
13/03/2024 4:00					0.0
13/03/2024 4:10					0.0
13/03/2024 4:20					0.0
13/03/2024 4:30					0.0
13/03/2024 4:40					0.0
13/03/2024 4:50					0.0
13/03/2024 5:00					0.0
13/03/2024 5:10					0.0
13/03/2024 5:20					0.0
13/03/2024 5:30					0.0
13/03/2024 5:40					0.0
13/03/2024 5:50					0.0
13/03/2024 6:00					0.0
13/03/2024 6:10					0.0
13/03/2024 6:20					0.0
13/03/2024 6:30					0.0
13/03/2024 6:40					0.0
13/03/2024 6:50					0.0
13/03/2024 7:00					0.0
13/03/2024 7:10					0.0
13/03/2024 7:20					0.0
13/03/2024 7:30					0.0
13/03/2024 7:40					0.0
13/03/2024 7:50					0.0
13/03/2024 8:00					0.0
13/03/2024 8:10					0.0
13/03/2024 8:20					0.0
13/03/2024 8:30					0.0
13/03/2024 8:40					0.0
13/03/2024 8:50					0.0
13/03/2024 9:00					0.0
13/03/2024 9:10					0.0
13/03/2024 9:20					0.0
13/03/2024 9:30					0.0
13/03/2024 9:40					0.0
13/03/2024 9:50					0.0
13/03/2024 10:00					0.0
13/03/2024 10:10					0.0
13/03/2024 10:20					0.0
13/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 10:40					0.0
13/03/2024 10:50					0.0
13/03/2024 11:00					0.0
13/03/2024 11:10					0.0
13/03/2024 11:20					0.0
13/03/2024 11:30					0.0
13/03/2024 11:40					0.0
13/03/2024 11:50					0.0
13/03/2024 12:00					0.0
13/03/2024 12:10					0.0
13/03/2024 12:20					0.0
13/03/2024 12:30					0.0
13/03/2024 12:40					0.0
13/03/2024 12:50					0.0
13/03/2024 13:00					0.0
13/03/2024 13:10					0.0
13/03/2024 13:20					0.0
13/03/2024 13:30					0.0
13/03/2024 13:40					0.0
13/03/2024 13:50					0.0
13/03/2024 14:00					0.0
13/03/2024 14:10					0.0
13/03/2024 14:20					0.0
13/03/2024 14:30					0.0
13/03/2024 14:40					0.0
13/03/2024 14:50					0.0
13/03/2024 15:00					0.0
13/03/2024 15:10					0.0
13/03/2024 15:20					0.0
13/03/2024 15:30					0.0
13/03/2024 15:40					0.0
13/03/2024 15:50					0.0
13/03/2024 16:00					0.0
13/03/2024 16:10					0.0
13/03/2024 16:20					0.0
13/03/2024 16:30					0.0
13/03/2024 16:40					0.0
13/03/2024 16:50					0.0
13/03/2024 17:00					0.0
13/03/2024 17:10					0.0
13/03/2024 17:20					0.0
13/03/2024 17:30					0.0
13/03/2024 17:40					0.0
13/03/2024 17:50					0.0
13/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/03/2024 18:10					0.0
13/03/2024 18:20					0.0
13/03/2024 18:30					0.0
13/03/2024 18:40					0.0
13/03/2024 18:50					0.0
13/03/2024 19:00					0.0
13/03/2024 19:10					0.0
13/03/2024 19:20					0.0
13/03/2024 19:30					0.0
13/03/2024 19:40					0.0
13/03/2024 19:50					0.0
13/03/2024 20:00					0.0
13/03/2024 20:10					0.0
13/03/2024 20:20					0.0
13/03/2024 20:30					0.0
13/03/2024 20:40					0.0
13/03/2024 20:50					0.0
13/03/2024 21:00					0.0
13/03/2024 21:10					0.0
13/03/2024 21:20					0.0
13/03/2024 21:30					0.0
13/03/2024 21:40					0.0
13/03/2024 21:50					0.0
13/03/2024 22:00					0.0
13/03/2024 22:10					0.0
13/03/2024 22:20					0.0
13/03/2024 22:30					0.0
13/03/2024 22:40					0.0
13/03/2024 22:50					0.0
13/03/2024 23:00					0.0
13/03/2024 23:10					0.0
13/03/2024 23:20					0.0
13/03/2024 23:30					0.0
13/03/2024 23:40					0.0
13/03/2024 23:50					0.0
14/03/2024 0:00					0.0
14/03/2024 0:10					0.0
14/03/2024 0:20					0.0
14/03/2024 0:30					0.0
14/03/2024 0:40					0.0
14/03/2024 0:50					0.0
14/03/2024 1:00					0.0
14/03/2024 1:10					0.0
14/03/2024 1:20					0.0
14/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 1:40					0.0
14/03/2024 1:50					0.0
14/03/2024 2:00					0.0
14/03/2024 2:10					0.0
14/03/2024 2:20					0.0
14/03/2024 2:30					0.0
14/03/2024 2:40					0.0
14/03/2024 2:50					0.0
14/03/2024 3:00					0.0
14/03/2024 3:10					0.0
14/03/2024 3:20					0.0
14/03/2024 3:30					0.0
14/03/2024 3:40					0.0
14/03/2024 3:50					0.0
14/03/2024 4:00					0.0
14/03/2024 4:10					0.0
14/03/2024 4:20					0.0
14/03/2024 4:30					0.0
14/03/2024 4:40					0.0
14/03/2024 4:50					0.0
14/03/2024 5:00					0.0
14/03/2024 5:10					0.0
14/03/2024 5:20					0.0
14/03/2024 5:30					0.0
14/03/2024 5:40					0.0
14/03/2024 5:50					0.0
14/03/2024 6:00					0.0
14/03/2024 6:10					0.0
14/03/2024 6:20					0.0
14/03/2024 6:30					0.0
14/03/2024 6:40					0.0
14/03/2024 6:50					0.0
14/03/2024 7:00					0.0
14/03/2024 7:10					0.0
14/03/2024 7:20					0.0
14/03/2024 7:30					0.0
14/03/2024 7:40					0.0
14/03/2024 7:50					0.0
14/03/2024 8:00					0.0
14/03/2024 8:10					0.0
14/03/2024 8:20					0.0
14/03/2024 8:30					0.0
14/03/2024 8:40					0.0
14/03/2024 8:50					0.0
14/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 9:10					0.0
14/03/2024 9:20					0.0
14/03/2024 9:30					0.0
14/03/2024 9:40					0.0
14/03/2024 9:50					0.0
14/03/2024 10:00					0.0
14/03/2024 10:10					0.0
14/03/2024 10:20					0.0
14/03/2024 10:30					0.0
14/03/2024 10:40					0.0
14/03/2024 10:50					0.0
14/03/2024 11:00					0.0
14/03/2024 11:10					0.0
14/03/2024 11:20					0.0
14/03/2024 11:30					0.0
14/03/2024 11:40					0.0
14/03/2024 11:50					0.0
14/03/2024 12:00					0.0
14/03/2024 12:10					0.0
14/03/2024 12:20					0.0
14/03/2024 12:30					0.0
14/03/2024 12:40					0.0
14/03/2024 12:50					0.0
14/03/2024 13:00					0.0
14/03/2024 13:10					0.0
14/03/2024 13:20					0.0
14/03/2024 13:30					0.0
14/03/2024 13:40					0.0
14/03/2024 13:50					0.0
14/03/2024 14:00					0.0
14/03/2024 14:10					0.0
14/03/2024 14:20					0.0
14/03/2024 14:30					0.0
14/03/2024 14:40					0.0
14/03/2024 14:50					0.0
14/03/2024 15:00					0.0
14/03/2024 15:10					0.0
14/03/2024 15:20					0.0
14/03/2024 15:30					0.0
14/03/2024 15:40					0.0
14/03/2024 15:50					0.0
14/03/2024 16:00					0.0
14/03/2024 16:10					0.0
14/03/2024 16:20					0.0
14/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/03/2024 16:40					0.0
14/03/2024 16:50					0.0
14/03/2024 17:00					0.0
14/03/2024 17:10					0.0
14/03/2024 17:20					0.0
14/03/2024 17:30					0.0
14/03/2024 17:40					0.0
14/03/2024 17:50					0.0
14/03/2024 18:00					0.0
14/03/2024 18:10					0.0
14/03/2024 18:20					0.0
14/03/2024 18:30					0.0
14/03/2024 18:40					0.0
14/03/2024 18:50					0.0
14/03/2024 19:00					0.0
14/03/2024 19:10					0.0
14/03/2024 19:20					0.0
14/03/2024 19:30					0.0
14/03/2024 19:40					0.0
14/03/2024 19:50					0.0
14/03/2024 20:00					0.0
14/03/2024 20:10					0.0
14/03/2024 20:20					0.0
14/03/2024 20:30					0.0
14/03/2024 20:40					0.0
14/03/2024 20:50					0.0
14/03/2024 21:00					0.0
14/03/2024 21:10					0.0
14/03/2024 21:20					0.0
14/03/2024 21:30					0.0
14/03/2024 21:40					0.0
14/03/2024 21:50					0.0
14/03/2024 22:00					0.0
14/03/2024 22:10					0.0
14/03/2024 22:20					0.0
14/03/2024 22:30					0.0
14/03/2024 22:40					0.0
14/03/2024 22:50					0.0
14/03/2024 23:00					0.0
14/03/2024 23:10					0.0
14/03/2024 23:20					0.0
14/03/2024 23:30					0.0
14/03/2024 23:40					0.0
14/03/2024 23:50					0.0
15/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 0:10					0.0
15/03/2024 0:20					0.0
15/03/2024 0:30					0.0
15/03/2024 0:40					0.0
15/03/2024 0:50					0.0
15/03/2024 1:00					0.0
15/03/2024 1:10					0.0
15/03/2024 1:20					0.0
15/03/2024 1:30					0.0
15/03/2024 1:40					0.0
15/03/2024 1:50					0.0
15/03/2024 2:00					0.0
15/03/2024 2:10					0.0
15/03/2024 2:20					0.0
15/03/2024 2:30					0.0
15/03/2024 2:40					0.0
15/03/2024 2:50					0.0
15/03/2024 3:00					0.0
15/03/2024 3:10					0.0
15/03/2024 3:20					0.0
15/03/2024 3:30					0.0
15/03/2024 3:40					0.0
15/03/2024 3:50					0.0
15/03/2024 4:00					0.0
15/03/2024 4:10					0.0
15/03/2024 4:20					0.0
15/03/2024 4:30					0.0
15/03/2024 4:40					0.0
15/03/2024 4:50					0.0
15/03/2024 5:00					0.0
15/03/2024 5:10					0.0
15/03/2024 5:20					0.0
15/03/2024 5:30					0.0
15/03/2024 5:40					0.0
15/03/2024 5:50					0.0
15/03/2024 6:00					0.0
15/03/2024 6:10					0.0
15/03/2024 6:20					0.0
15/03/2024 6:30					0.0
15/03/2024 6:40					0.0
15/03/2024 6:50					0.0
15/03/2024 7:00					0.0
15/03/2024 7:10					0.0
15/03/2024 7:20					0.0
15/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 7:40					0.0
15/03/2024 7:50					0.0
15/03/2024 8:00					0.0
15/03/2024 8:10					0.0
15/03/2024 8:20					0.0
15/03/2024 8:30					0.0
15/03/2024 8:40					0.0
15/03/2024 8:50					0.0
15/03/2024 9:00					0.0
15/03/2024 9:10					0.0
15/03/2024 9:20					0.0
15/03/2024 9:30					0.0
15/03/2024 9:40					0.0
15/03/2024 9:50					0.0
15/03/2024 10:00					0.0
15/03/2024 10:10					0.0
15/03/2024 10:20					0.0
15/03/2024 10:30					0.0
15/03/2024 10:40					0.0
15/03/2024 10:50					0.0
15/03/2024 11:00					0.0
15/03/2024 11:10					0.0
15/03/2024 11:20					0.0
15/03/2024 11:30					0.0
15/03/2024 11:40					0.0
15/03/2024 11:50					0.0
15/03/2024 12:00					0.0
15/03/2024 12:10					0.0
15/03/2024 12:20					0.0
15/03/2024 12:30					0.0
15/03/2024 12:40					0.0
15/03/2024 12:50					0.0
15/03/2024 13:00					0.0
15/03/2024 13:10					0.0
15/03/2024 13:20					0.0
15/03/2024 13:30					0.0
15/03/2024 13:40					0.0
15/03/2024 13:50					0.0
15/03/2024 14:00					0.0
15/03/2024 14:10					0.0
15/03/2024 14:20					0.0
15/03/2024 14:30					0.0
15/03/2024 14:40					0.0
15/03/2024 14:50					0.0
15/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 15:10					0.0
15/03/2024 15:20					0.0
15/03/2024 15:30					0.0
15/03/2024 15:40					0.0
15/03/2024 15:50					0.0
15/03/2024 16:00					0.0
15/03/2024 16:10					0.0
15/03/2024 16:20					0.0
15/03/2024 16:30					0.0
15/03/2024 16:40					0.0
15/03/2024 16:50					0.0
15/03/2024 17:00					0.0
15/03/2024 17:10					0.0
15/03/2024 17:20					0.0
15/03/2024 17:30					0.0
15/03/2024 17:40					0.0
15/03/2024 17:50					0.0
15/03/2024 18:00					0.0
15/03/2024 18:10					0.0
15/03/2024 18:20					0.0
15/03/2024 18:30					0.0
15/03/2024 18:40					0.0
15/03/2024 18:50					0.0
15/03/2024 19:00					0.0
15/03/2024 19:10					0.0
15/03/2024 19:20					0.0
15/03/2024 19:30					0.0
15/03/2024 19:40					0.0
15/03/2024 19:50					0.0
15/03/2024 20:00					0.0
15/03/2024 20:10					0.0
15/03/2024 20:20					0.0
15/03/2024 20:30					0.0
15/03/2024 20:40					0.0
15/03/2024 20:50					0.0
15/03/2024 21:00					0.0
15/03/2024 21:10					0.0
15/03/2024 21:20					0.0
15/03/2024 21:30					0.0
15/03/2024 21:40					0.0
15/03/2024 21:50					0.0
15/03/2024 22:00					0.0
15/03/2024 22:10					0.0
15/03/2024 22:20					0.0
15/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/03/2024 22:40					0.0
15/03/2024 22:50					0.0
15/03/2024 23:00					0.0
15/03/2024 23:10					0.0
15/03/2024 23:20					0.0
15/03/2024 23:30					0.0
15/03/2024 23:40					0.0
15/03/2024 23:50					0.0
16/03/2024 0:00					0.0
16/03/2024 0:10					0.0
16/03/2024 0:20					0.0
16/03/2024 0:30					0.0
16/03/2024 0:40					0.0
16/03/2024 0:50					0.0
16/03/2024 1:00					0.0
16/03/2024 1:10					0.0
16/03/2024 1:20					0.0
16/03/2024 1:30					0.0
16/03/2024 1:40					0.0
16/03/2024 1:50					0.0
16/03/2024 2:00					0.0
16/03/2024 2:10					0.0
16/03/2024 2:20					0.0
16/03/2024 2:30					0.0
16/03/2024 2:40					0.0
16/03/2024 2:50					0.0
16/03/2024 3:00					0.0
16/03/2024 3:10					0.0
16/03/2024 3:20					0.0
16/03/2024 3:30					0.0
16/03/2024 3:40					0.0
16/03/2024 3:50					0.0
16/03/2024 4:00					0.0
16/03/2024 4:10					0.0
16/03/2024 4:20					0.0
16/03/2024 4:30					0.0
16/03/2024 4:40					0.0
16/03/2024 4:50					0.0
16/03/2024 5:00					0.0
16/03/2024 5:10					0.0
16/03/2024 5:20					0.0
16/03/2024 5:30					0.0
16/03/2024 5:40					0.0
16/03/2024 5:50					0.0
16/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 6:10					0.0
16/03/2024 6:20					0.0
16/03/2024 6:30					0.0
16/03/2024 6:40					0.0
16/03/2024 6:50					0.0
16/03/2024 7:00					0.0
16/03/2024 7:10					0.0
16/03/2024 7:20					0.0
16/03/2024 7:30					0.0
16/03/2024 7:40					0.0
16/03/2024 7:50					0.0
16/03/2024 8:00					0.0
16/03/2024 8:10					0.0
16/03/2024 8:20					0.0
16/03/2024 8:30					0.0
16/03/2024 8:40					0.0
16/03/2024 8:50					0.0
16/03/2024 9:00					0.0
16/03/2024 9:10					0.0
16/03/2024 9:20					0.0
16/03/2024 9:30					0.0
16/03/2024 9:40					0.0
16/03/2024 9:50					0.0
16/03/2024 10:00					0.0
16/03/2024 10:10					0.0
16/03/2024 10:20					0.0
16/03/2024 10:30					0.0
16/03/2024 10:40					0.0
16/03/2024 10:50					0.0
16/03/2024 11:00					0.0
16/03/2024 11:10					0.0
16/03/2024 11:20					0.0
16/03/2024 11:30					0.0
16/03/2024 11:40					0.0
16/03/2024 11:50					0.0
16/03/2024 12:00					0.0
16/03/2024 12:10					0.0
16/03/2024 12:20					0.0
16/03/2024 12:30					0.0
16/03/2024 12:40					0.0
16/03/2024 12:50					0.0
16/03/2024 13:00					0.0
16/03/2024 13:10					0.0
16/03/2024 13:20					0.0
16/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 13:40					0.0
16/03/2024 13:50					0.0
16/03/2024 14:00					0.0
16/03/2024 14:10					0.0
16/03/2024 14:20					0.0
16/03/2024 14:30					0.0
16/03/2024 14:40					0.0
16/03/2024 14:50					0.0
16/03/2024 15:00					0.0
16/03/2024 15:10					0.0
16/03/2024 15:20					0.0
16/03/2024 15:30					0.0
16/03/2024 15:40					0.0
16/03/2024 15:50					0.0
16/03/2024 16:00					0.0
16/03/2024 16:10					0.0
16/03/2024 16:20					0.0
16/03/2024 16:30					0.0
16/03/2024 16:40					0.0
16/03/2024 16:50					0.0
16/03/2024 17:00					0.0
16/03/2024 17:10					0.0
16/03/2024 17:20					0.0
16/03/2024 17:30					0.0
16/03/2024 17:40					0.0
16/03/2024 17:50					0.0
16/03/2024 18:00					0.0
16/03/2024 18:10					0.0
16/03/2024 18:20					0.0
16/03/2024 18:30					0.0
16/03/2024 18:40					0.0
16/03/2024 18:50					0.0
16/03/2024 19:00					0.0
16/03/2024 19:10					0.0
16/03/2024 19:20					0.0
16/03/2024 19:30					0.0
16/03/2024 19:40					0.0
16/03/2024 19:50					0.0
16/03/2024 20:00					0.0
16/03/2024 20:10					0.0
16/03/2024 20:20					0.0
16/03/2024 20:30					0.0
16/03/2024 20:40					0.0
16/03/2024 20:50					0.0
16/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/03/2024 21:10					0.0
16/03/2024 21:20					0.0
16/03/2024 21:30					0.0
16/03/2024 21:40					0.0
16/03/2024 21:50					0.0
16/03/2024 22:00					0.0
16/03/2024 22:10					0.0
16/03/2024 22:20					0.0
16/03/2024 22:30					0.0
16/03/2024 22:40					0.0
16/03/2024 22:50					0.0
16/03/2024 23:00					0.0
16/03/2024 23:10					0.0
16/03/2024 23:20					0.0
16/03/2024 23:30					0.0
16/03/2024 23:40					0.0
16/03/2024 23:50					0.0
17/03/2024 0:00					0.0
17/03/2024 0:10					0.0
17/03/2024 0:20					0.0
17/03/2024 0:30					0.0
17/03/2024 0:40					0.0
17/03/2024 0:50					0.0
17/03/2024 1:00					0.0
17/03/2024 1:10					0.0
17/03/2024 1:20					0.0
17/03/2024 1:30					0.0
17/03/2024 1:40					0.0
17/03/2024 1:50					0.0
17/03/2024 2:00					0.0
17/03/2024 2:10					0.0
17/03/2024 2:20					0.0
17/03/2024 2:30					0.0
17/03/2024 2:40					0.0
17/03/2024 2:50					0.0
17/03/2024 3:00					0.0
17/03/2024 3:10					0.0
17/03/2024 3:20					0.0
17/03/2024 3:30					0.0
17/03/2024 3:40					0.0
17/03/2024 3:50					0.0
17/03/2024 4:00					0.0
17/03/2024 4:10					0.0
17/03/2024 4:20					0.0
17/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 4:40					0.0
17/03/2024 4:50					0.0
17/03/2024 5:00					0.0
17/03/2024 5:10					0.0
17/03/2024 5:20					0.0
17/03/2024 5:30					0.0
17/03/2024 5:40					0.0
17/03/2024 5:50					0.0
17/03/2024 6:00					0.0
17/03/2024 6:10					0.0
17/03/2024 6:20					0.0
17/03/2024 6:30					0.0
17/03/2024 6:40					0.0
17/03/2024 6:50					0.0
17/03/2024 7:00					0.0
17/03/2024 7:10					0.0
17/03/2024 7:20					0.0
17/03/2024 7:30					0.0
17/03/2024 7:40					0.0
17/03/2024 7:50					0.0
17/03/2024 8:00					0.0
17/03/2024 8:10					0.0
17/03/2024 8:20					0.0
17/03/2024 8:30					0.0
17/03/2024 8:40					0.0
17/03/2024 8:50					0.0
17/03/2024 9:00					0.0
17/03/2024 9:10					0.0
17/03/2024 9:20					0.0
17/03/2024 9:30					0.0
17/03/2024 9:40					0.0
17/03/2024 9:50					0.0
17/03/2024 10:00					0.0
17/03/2024 10:10					0.0
17/03/2024 10:20					0.0
17/03/2024 10:30					0.0
17/03/2024 10:40					0.0
17/03/2024 10:50					0.0
17/03/2024 11:00					0.0
17/03/2024 11:10					0.2
17/03/2024 11:20					0.2
17/03/2024 11:30					2.8
17/03/2024 11:40					2.8
17/03/2024 11:50					0.5
17/03/2024 12:00					2.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 12:10					1.2
17/03/2024 12:20					0.0
17/03/2024 12:30					0.0
17/03/2024 12:40					0.0
17/03/2024 12:50					0.0
17/03/2024 13:00					0.0
17/03/2024 13:10					0.0
17/03/2024 13:20					0.0
17/03/2024 13:30					0.0
17/03/2024 13:40					0.0
17/03/2024 13:50					0.0
17/03/2024 14:00					0.0
17/03/2024 14:10					0.0
17/03/2024 14:20					0.0
17/03/2024 14:30					0.0
17/03/2024 14:40					0.0
17/03/2024 14:50					0.0
17/03/2024 15:00					0.0
17/03/2024 15:10					0.0
17/03/2024 15:20					0.0
17/03/2024 15:30					0.0
17/03/2024 15:40					0.0
17/03/2024 15:50					0.0
17/03/2024 16:00					0.0
17/03/2024 16:10					0.0
17/03/2024 16:20					0.0
17/03/2024 16:30					0.0
17/03/2024 16:40					0.0
17/03/2024 16:50					0.0
17/03/2024 17:00					0.0
17/03/2024 17:10					0.0
17/03/2024 17:20					0.0
17/03/2024 17:30					0.0
17/03/2024 17:40					0.0
17/03/2024 17:50					0.0
17/03/2024 18:00					0.0
17/03/2024 18:10					0.0
17/03/2024 18:20					0.0
17/03/2024 18:30					0.0
17/03/2024 18:40					0.0
17/03/2024 18:50					0.0
17/03/2024 19:00					0.0
17/03/2024 19:10					0.0
17/03/2024 19:20					0.0
17/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/03/2024 19:40					0.0
17/03/2024 19:50					0.0
17/03/2024 20:00					0.0
17/03/2024 20:10					0.0
17/03/2024 20:20					0.0
17/03/2024 20:30					0.0
17/03/2024 20:40					0.0
17/03/2024 20:50					0.0
17/03/2024 21:00					0.0
17/03/2024 21:10					0.0
17/03/2024 21:20					0.0
17/03/2024 21:30					0.0
17/03/2024 21:40					0.1
17/03/2024 21:50					0.2
17/03/2024 22:00					0.0
17/03/2024 22:10					0.0
17/03/2024 22:20					0.0
17/03/2024 22:30					0.0
17/03/2024 22:40					0.0
17/03/2024 22:50					0.0
17/03/2024 23:00					0.0
17/03/2024 23:10					0.0
17/03/2024 23:20					0.0
17/03/2024 23:30					0.0
17/03/2024 23:40					0.0
17/03/2024 23:50					0.0
18/03/2024 0:00					0.0
18/03/2024 0:10					0.0
18/03/2024 0:20					0.0
18/03/2024 0:30					0.0
18/03/2024 0:40					0.0
18/03/2024 0:50					0.0
18/03/2024 1:00					0.0
18/03/2024 1:10					0.0
18/03/2024 1:20					0.0
18/03/2024 1:30					0.0
18/03/2024 1:40					0.0
18/03/2024 1:50					0.0
18/03/2024 2:00					0.0
18/03/2024 2:10					0.0
18/03/2024 2:20					0.0
18/03/2024 2:30					0.0
18/03/2024 2:40					0.1
18/03/2024 2:50					0.1
18/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 3:10					0.0
18/03/2024 3:20					0.0
18/03/2024 3:30					0.1
18/03/2024 3:40					0.0
18/03/2024 3:50					0.0
18/03/2024 4:00					0.0
18/03/2024 4:10					0.0
18/03/2024 4:20					0.0
18/03/2024 4:30					0.0
18/03/2024 4:40					0.0
18/03/2024 4:50					0.0
18/03/2024 5:00					0.0
18/03/2024 5:10					0.0
18/03/2024 5:20					0.0
18/03/2024 5:30					0.0
18/03/2024 5:40					0.0
18/03/2024 5:50					0.0
18/03/2024 6:00					0.0
18/03/2024 6:10					0.0
18/03/2024 6:20					0.0
18/03/2024 6:30					0.0
18/03/2024 6:40					0.0
18/03/2024 6:50					0.0
18/03/2024 7:00					0.0
18/03/2024 7:10					0.0
18/03/2024 7:20					0.0
18/03/2024 7:30					0.0
18/03/2024 7:40					0.0
18/03/2024 7:50					0.0
18/03/2024 8:00					0.0
18/03/2024 8:10					0.1
18/03/2024 8:20					0.0
18/03/2024 8:30					0.0
18/03/2024 8:40					0.0
18/03/2024 8:50					0.0
18/03/2024 9:00					0.0
18/03/2024 9:10					0.0
18/03/2024 9:20					0.0
18/03/2024 9:30					0.0
18/03/2024 9:40					0.0
18/03/2024 9:50					0.0
18/03/2024 10:00					0.0
18/03/2024 10:10					0.0
18/03/2024 10:20					0.0
18/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 10:40					0.0
18/03/2024 10:50					0.0
18/03/2024 11:00					0.0
18/03/2024 11:10					0.0
18/03/2024 11:20					0.0
18/03/2024 11:30					0.0
18/03/2024 11:40					0.0
18/03/2024 11:50					0.0
18/03/2024 12:00					0.0
18/03/2024 12:10					0.0
18/03/2024 12:20					0.0
18/03/2024 12:30					0.0
18/03/2024 12:40					0.0
18/03/2024 12:50					0.0
18/03/2024 13:00					0.0
18/03/2024 13:10					0.0
18/03/2024 13:20					0.0
18/03/2024 13:30					0.0
18/03/2024 13:40					0.0
18/03/2024 13:50					0.0
18/03/2024 14:00					0.0
18/03/2024 14:10					0.0
18/03/2024 14:20					0.0
18/03/2024 14:30					0.0
18/03/2024 14:40					0.0
18/03/2024 14:50					0.0
18/03/2024 15:00					0.0
18/03/2024 15:10					0.0
18/03/2024 15:20					0.0
18/03/2024 15:30					0.0
18/03/2024 15:40					0.0
18/03/2024 15:50					0.0
18/03/2024 16:00					0.0
18/03/2024 16:10					0.0
18/03/2024 16:20					0.0
18/03/2024 16:30					0.0
18/03/2024 16:40					0.0
18/03/2024 16:50					0.0
18/03/2024 17:00					0.0
18/03/2024 17:10					0.0
18/03/2024 17:20					0.0
18/03/2024 17:30					0.0
18/03/2024 17:40					0.0
18/03/2024 17:50					0.0
18/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/03/2024 18:10					0.0
18/03/2024 18:20					0.0
18/03/2024 18:30					0.0
18/03/2024 18:40					0.0
18/03/2024 18:50					0.0
18/03/2024 19:00					0.0
18/03/2024 19:10					0.0
18/03/2024 19:20					0.0
18/03/2024 19:30					0.0
18/03/2024 19:40					0.0
18/03/2024 19:50					0.0
18/03/2024 20:00					0.0
18/03/2024 20:10					0.0
18/03/2024 20:20					0.0
18/03/2024 20:30					0.0
18/03/2024 20:40					0.0
18/03/2024 20:50					0.0
18/03/2024 21:00					0.0
18/03/2024 21:10					0.0
18/03/2024 21:20					0.0
18/03/2024 21:30					0.0
18/03/2024 21:40					0.0
18/03/2024 21:50					0.0
18/03/2024 22:00					0.0
18/03/2024 22:10					0.0
18/03/2024 22:20					0.0
18/03/2024 22:30					0.0
18/03/2024 22:40					0.0
18/03/2024 22:50					0.0
18/03/2024 23:00					0.0
18/03/2024 23:10					0.0
18/03/2024 23:20					0.0
18/03/2024 23:30					0.0
18/03/2024 23:40					0.0
18/03/2024 23:50					0.0
19/03/2024 0:00					0.0
19/03/2024 0:10					0.0
19/03/2024 0:20					0.0
19/03/2024 0:30					0.0
19/03/2024 0:40					0.0
19/03/2024 0:50					0.0
19/03/2024 1:00					0.0
19/03/2024 1:10					0.0
19/03/2024 1:20					0.0
19/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 1:40					0.0
19/03/2024 1:50					0.0
19/03/2024 2:00					0.0
19/03/2024 2:10					0.0
19/03/2024 2:20					0.0
19/03/2024 2:30					0.0
19/03/2024 2:40					0.0
19/03/2024 2:50					0.0
19/03/2024 3:00					0.0
19/03/2024 3:10					0.0
19/03/2024 3:20					0.0
19/03/2024 3:30					0.0
19/03/2024 3:40					0.0
19/03/2024 3:50					0.0
19/03/2024 4:00					0.0
19/03/2024 4:10					0.0
19/03/2024 4:20					0.0
19/03/2024 4:30					0.0
19/03/2024 4:40					0.0
19/03/2024 4:50					0.0
19/03/2024 5:00					0.0
19/03/2024 5:10					0.0
19/03/2024 5:20					0.0
19/03/2024 5:30					0.0
19/03/2024 5:40					0.0
19/03/2024 5:50					0.0
19/03/2024 6:00					0.0
19/03/2024 6:10					0.0
19/03/2024 6:20					0.0
19/03/2024 6:30					0.0
19/03/2024 6:40					0.0
19/03/2024 6:50					0.0
19/03/2024 7:00					0.0
19/03/2024 7:10					0.0
19/03/2024 7:20					0.0
19/03/2024 7:30					0.0
19/03/2024 7:40					0.0
19/03/2024 7:50					0.0
19/03/2024 8:00					0.0
19/03/2024 8:10					0.0
19/03/2024 8:20					0.0
19/03/2024 8:30					0.0
19/03/2024 8:40					0.0
19/03/2024 8:50					0.0
19/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 9:10					0.0
19/03/2024 9:20					0.0
19/03/2024 9:30					0.0
19/03/2024 9:40					0.0
19/03/2024 9:50					0.0
19/03/2024 10:00					0.0
19/03/2024 10:10					0.0
19/03/2024 10:20					0.0
19/03/2024 10:30					0.0
19/03/2024 10:40					0.0
19/03/2024 10:50					0.0
19/03/2024 11:00					0.0
19/03/2024 11:10					0.0
19/03/2024 11:20					0.0
19/03/2024 11:30					0.0
19/03/2024 11:40					0.0
19/03/2024 11:50					0.0
19/03/2024 12:00					0.0
19/03/2024 12:10					0.0
19/03/2024 12:20					0.0
19/03/2024 12:30					0.0
19/03/2024 12:40					0.0
19/03/2024 12:50					0.0
19/03/2024 13:00					0.0
19/03/2024 13:10					0.0
19/03/2024 13:20					0.0
19/03/2024 13:30					0.0
19/03/2024 13:40					0.0
19/03/2024 13:50					0.0
19/03/2024 14:00					0.0
19/03/2024 14:10					0.0
19/03/2024 14:20					0.0
19/03/2024 14:30					0.0
19/03/2024 14:40					0.0
19/03/2024 14:50					0.0
19/03/2024 15:00					0.0
19/03/2024 15:10					0.0
19/03/2024 15:20					0.0
19/03/2024 15:30					0.0
19/03/2024 15:40					0.0
19/03/2024 15:50					0.0
19/03/2024 16:00					0.0
19/03/2024 16:10					0.0
19/03/2024 16:20					0.0
19/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/03/2024 16:40					0.0
19/03/2024 16:50					0.0
19/03/2024 17:00					0.0
19/03/2024 17:10					0.0
19/03/2024 17:20					0.0
19/03/2024 17:30					0.0
19/03/2024 17:40					0.0
19/03/2024 17:50					0.0
19/03/2024 18:00					0.0
19/03/2024 18:10					0.0
19/03/2024 18:20					0.0
19/03/2024 18:30					0.0
19/03/2024 18:40					0.0
19/03/2024 18:50					0.0
19/03/2024 19:00					0.0
19/03/2024 19:10					0.0
19/03/2024 19:20					0.0
19/03/2024 19:30					0.0
19/03/2024 19:40					0.0
19/03/2024 19:50					0.0
19/03/2024 20:00					0.0
19/03/2024 20:10					0.0
19/03/2024 20:20					0.0
19/03/2024 20:30					0.0
19/03/2024 20:40					0.0
19/03/2024 20:50					0.0
19/03/2024 21:00					0.0
19/03/2024 21:10					0.0
19/03/2024 21:20					0.0
19/03/2024 21:30					0.0
19/03/2024 21:40					0.0
19/03/2024 21:50					0.0
19/03/2024 22:00					0.0
19/03/2024 22:10					0.0
19/03/2024 22:20					0.0
19/03/2024 22:30					0.0
19/03/2024 22:40					0.0
19/03/2024 22:50					0.0
19/03/2024 23:00					0.0
19/03/2024 23:10					0.0
19/03/2024 23:20					0.0
19/03/2024 23:30					0.0
19/03/2024 23:40					0.0
19/03/2024 23:50					0.0
20/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 0:10					0.0
20/03/2024 0:20					0.0
20/03/2024 0:30					0.0
20/03/2024 0:40					0.0
20/03/2024 0:50					0.0
20/03/2024 1:00					0.0
20/03/2024 1:10					0.0
20/03/2024 1:20					0.0
20/03/2024 1:30					0.0
20/03/2024 1:40					0.0
20/03/2024 1:50					0.0
20/03/2024 2:00					0.0
20/03/2024 2:10					0.0
20/03/2024 2:20					0.0
20/03/2024 2:30					0.0
20/03/2024 2:40					0.0
20/03/2024 2:50					0.0
20/03/2024 3:00					0.0
20/03/2024 3:10					0.0
20/03/2024 3:20					0.0
20/03/2024 3:30					0.0
20/03/2024 3:40					0.0
20/03/2024 3:50					0.0
20/03/2024 4:00					0.0
20/03/2024 4:10					0.0
20/03/2024 4:20					0.0
20/03/2024 4:30					0.0
20/03/2024 4:40					0.0
20/03/2024 4:50					0.0
20/03/2024 5:00					0.0
20/03/2024 5:10					0.0
20/03/2024 5:20					0.0
20/03/2024 5:30					0.0
20/03/2024 5:40					0.0
20/03/2024 5:50					0.0
20/03/2024 6:00					0.9
20/03/2024 6:10					0.0
20/03/2024 6:20					0.1
20/03/2024 6:30					0.0
20/03/2024 6:40					0.0
20/03/2024 6:50					0.0
20/03/2024 7:00					0.0
20/03/2024 7:10					0.0
20/03/2024 7:20					0.0
20/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 7:40					0.0
20/03/2024 7:50					0.0
20/03/2024 8:00					0.0
20/03/2024 8:10					0.0
20/03/2024 8:20					0.0
20/03/2024 8:30					0.0
20/03/2024 8:40					0.0
20/03/2024 8:50					0.0
20/03/2024 9:00					0.0
20/03/2024 9:10					0.0
20/03/2024 9:20					0.0
20/03/2024 9:30					0.0
20/03/2024 9:40					0.0
20/03/2024 9:50					0.0
20/03/2024 10:00					0.1
20/03/2024 10:10					0.0
20/03/2024 10:20					0.0
20/03/2024 10:30					0.0
20/03/2024 10:40					0.0
20/03/2024 10:50					0.0
20/03/2024 11:00					0.0
20/03/2024 11:10					0.0
20/03/2024 11:20					0.0
20/03/2024 11:30					0.0
20/03/2024 11:40					0.0
20/03/2024 11:50					0.0
20/03/2024 12:00					0.0
20/03/2024 12:10					0.0
20/03/2024 12:20					0.0
20/03/2024 12:30					0.0
20/03/2024 12:40					0.0
20/03/2024 12:50					0.0
20/03/2024 13:00					0.0
20/03/2024 13:10					0.0
20/03/2024 13:20					0.0
20/03/2024 13:30					0.0
20/03/2024 13:40					0.0
20/03/2024 13:50					0.0
20/03/2024 14:00					0.0
20/03/2024 14:10					0.0
20/03/2024 14:20					0.0
20/03/2024 14:30					0.0
20/03/2024 14:40					0.0
20/03/2024 14:50					0.0
20/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 15:10					0.0
20/03/2024 15:20					0.0
20/03/2024 15:30					0.0
20/03/2024 15:40					0.0
20/03/2024 15:50					0.0
20/03/2024 16:00					0.0
20/03/2024 16:10					0.0
20/03/2024 16:20					0.0
20/03/2024 16:30					0.0
20/03/2024 16:40					0.0
20/03/2024 16:50					0.0
20/03/2024 17:00					0.0
20/03/2024 17:10					0.0
20/03/2024 17:20					0.0
20/03/2024 17:30					0.0
20/03/2024 17:40					0.0
20/03/2024 17:50					0.0
20/03/2024 18:00					0.0
20/03/2024 18:10					0.0
20/03/2024 18:20					0.0
20/03/2024 18:30					0.0
20/03/2024 18:40					0.0
20/03/2024 18:50					0.0
20/03/2024 19:00					0.0
20/03/2024 19:10					0.0
20/03/2024 19:20					0.0
20/03/2024 19:30					0.0
20/03/2024 19:40					0.0
20/03/2024 19:50					0.0
20/03/2024 20:00					0.0
20/03/2024 20:10					0.0
20/03/2024 20:20					0.0
20/03/2024 20:30					0.0
20/03/2024 20:40					0.0
20/03/2024 20:50					0.0
20/03/2024 21:00					0.0
20/03/2024 21:10					0.0
20/03/2024 21:20					0.0
20/03/2024 21:30					0.0
20/03/2024 21:40					0.0
20/03/2024 21:50					0.0
20/03/2024 22:00					0.0
20/03/2024 22:10					0.0
20/03/2024 22:20					0.0
20/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/03/2024 22:40					0.0
20/03/2024 22:50					0.0
20/03/2024 23:00					0.0
20/03/2024 23:10					0.0
20/03/2024 23:20					0.0
20/03/2024 23:30					0.0
20/03/2024 23:40					0.0
20/03/2024 23:50					0.0
21/03/2024 0:00					0.0
21/03/2024 0:10					0.0
21/03/2024 0:20					0.0
21/03/2024 0:30					0.0
21/03/2024 0:40					0.0
21/03/2024 0:50					0.0
21/03/2024 1:00					0.0
21/03/2024 1:10					0.0
21/03/2024 1:20					0.0
21/03/2024 1:30					0.0
21/03/2024 1:40					0.0
21/03/2024 1:50					0.0
21/03/2024 2:00					0.0
21/03/2024 2:10					0.0
21/03/2024 2:20					0.0
21/03/2024 2:30					0.0
21/03/2024 2:40					0.0
21/03/2024 2:50					0.0
21/03/2024 3:00					0.0
21/03/2024 3:10					0.0
21/03/2024 3:20					0.0
21/03/2024 3:30					0.0
21/03/2024 3:40					0.0
21/03/2024 3:50					0.0
21/03/2024 4:00					0.0
21/03/2024 4:10					0.0
21/03/2024 4:20					0.0
21/03/2024 4:30					0.0
21/03/2024 4:40					0.0
21/03/2024 4:50					0.0
21/03/2024 5:00					0.0
21/03/2024 5:10					0.0
21/03/2024 5:20					0.0
21/03/2024 5:30					0.0
21/03/2024 5:40					0.0
21/03/2024 5:50					0.0
21/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 6:10					0.0
21/03/2024 6:20					0.0
21/03/2024 6:30					0.0
21/03/2024 6:40					0.0
21/03/2024 6:50					0.0
21/03/2024 7:00					0.0
21/03/2024 7:10					0.0
21/03/2024 7:20					0.0
21/03/2024 7:30					0.0
21/03/2024 7:40					0.0
21/03/2024 7:50					0.0
21/03/2024 8:00					0.0
21/03/2024 8:10					0.0
21/03/2024 8:20					0.0
21/03/2024 8:30					0.0
21/03/2024 8:40					0.0
21/03/2024 8:50					0.0
21/03/2024 9:00					0.0
21/03/2024 9:10					0.0
21/03/2024 9:20					0.0
21/03/2024 9:30					0.0
21/03/2024 9:40					0.0
21/03/2024 9:50					0.0
21/03/2024 10:00					0.0
21/03/2024 10:10					0.0
21/03/2024 10:20					0.0
21/03/2024 10:30					0.0
21/03/2024 10:40					0.0
21/03/2024 10:50					0.0
21/03/2024 11:00					0.0
21/03/2024 11:10					0.0
21/03/2024 11:20					0.0
21/03/2024 11:30					0.0
21/03/2024 11:40					0.0
21/03/2024 11:50					0.0
21/03/2024 12:00					0.0
21/03/2024 12:10					0.0
21/03/2024 12:20					0.0
21/03/2024 12:30					0.0
21/03/2024 12:40					0.0
21/03/2024 12:50					0.0
21/03/2024 13:00					0.0
21/03/2024 13:10					0.0
21/03/2024 13:20					0.0
21/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 13:40					0.0
21/03/2024 13:50					0.0
21/03/2024 14:00					0.0
21/03/2024 14:10					0.0
21/03/2024 14:20					0.0
21/03/2024 14:30					0.0
21/03/2024 14:40					0.0
21/03/2024 14:50					0.0
21/03/2024 15:00					0.0
21/03/2024 15:10					0.0
21/03/2024 15:20					0.0
21/03/2024 15:30					0.0
21/03/2024 15:40					0.0
21/03/2024 15:50					0.0
21/03/2024 16:00					0.0
21/03/2024 16:10					0.0
21/03/2024 16:20					0.0
21/03/2024 16:30					0.0
21/03/2024 16:40					0.0
21/03/2024 16:50					0.0
21/03/2024 17:00					0.0
21/03/2024 17:10					0.0
21/03/2024 17:20					0.0
21/03/2024 17:30					0.0
21/03/2024 17:40					0.0
21/03/2024 17:50					0.0
21/03/2024 18:00					0.0
21/03/2024 18:10					0.0
21/03/2024 18:20					0.0
21/03/2024 18:30					0.0
21/03/2024 18:40					0.0
21/03/2024 18:50					0.0
21/03/2024 19:00					0.0
21/03/2024 19:10					0.0
21/03/2024 19:20					0.0
21/03/2024 19:30					0.0
21/03/2024 19:40					0.0
21/03/2024 19:50					0.0
21/03/2024 20:00					0.0
21/03/2024 20:10					0.0
21/03/2024 20:20					0.0
21/03/2024 20:30					0.0
21/03/2024 20:40					0.0
21/03/2024 20:50					0.0
21/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/03/2024 21:10					0.0
21/03/2024 21:20					0.0
21/03/2024 21:30					0.0
21/03/2024 21:40					0.0
21/03/2024 21:50					0.0
21/03/2024 22:00					0.0
21/03/2024 22:10					0.0
21/03/2024 22:20					0.0
21/03/2024 22:30					0.0
21/03/2024 22:40					0.0
21/03/2024 22:50					0.0
21/03/2024 23:00					0.0
21/03/2024 23:10					0.0
21/03/2024 23:20					0.0
21/03/2024 23:30					0.0
21/03/2024 23:40					0.0
21/03/2024 23:50					0.0
22/03/2024 0:00					0.0
22/03/2024 0:10					0.0
22/03/2024 0:20					0.0
22/03/2024 0:30					0.0
22/03/2024 0:40					0.0
22/03/2024 0:50					0.0
22/03/2024 1:00					0.0
22/03/2024 1:10					0.0
22/03/2024 1:20					0.0
22/03/2024 1:30					0.0
22/03/2024 1:40					0.0
22/03/2024 1:50					0.0
22/03/2024 2:00					0.0
22/03/2024 2:10					0.0
22/03/2024 2:20					0.0
22/03/2024 2:30					0.0
22/03/2024 2:40					0.0
22/03/2024 2:50					0.0
22/03/2024 3:00					0.0
22/03/2024 3:10					0.0
22/03/2024 3:20					0.0
22/03/2024 3:30					0.0
22/03/2024 3:40					0.0
22/03/2024 3:50					0.0
22/03/2024 4:00					0.0
22/03/2024 4:10					0.0
22/03/2024 4:20					0.0
22/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 4:40					0.0
22/03/2024 4:50					0.0
22/03/2024 5:00					0.0
22/03/2024 5:10					0.0
22/03/2024 5:20					0.0
22/03/2024 5:30					0.0
22/03/2024 5:40					0.0
22/03/2024 5:50					0.0
22/03/2024 6:00					0.0
22/03/2024 6:10					0.0
22/03/2024 6:20					0.0
22/03/2024 6:30					0.0
22/03/2024 6:40					0.0
22/03/2024 6:50					0.0
22/03/2024 7:00					0.0
22/03/2024 7:10					0.0
22/03/2024 7:20					0.0
22/03/2024 7:30					0.0
22/03/2024 7:40					0.0
22/03/2024 7:50					0.0
22/03/2024 8:00					0.0
22/03/2024 8:10					0.0
22/03/2024 8:20					0.0
22/03/2024 8:30					0.0
22/03/2024 8:40					0.0
22/03/2024 8:50					0.0
22/03/2024 9:00					0.0
22/03/2024 9:10					0.0
22/03/2024 9:20					0.0
22/03/2024 9:30					0.0
22/03/2024 9:40					0.0
22/03/2024 9:50					0.0
22/03/2024 10:00					0.0
22/03/2024 10:10					0.0
22/03/2024 10:20					0.0
22/03/2024 10:30					0.0
22/03/2024 10:40					0.0
22/03/2024 10:50					0.0
22/03/2024 11:00					0.0
22/03/2024 11:10					0.0
22/03/2024 11:20					0.0
22/03/2024 11:30					0.0
22/03/2024 11:40					0.0
22/03/2024 11:50					0.0
22/03/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 12:10					0.0
22/03/2024 12:20					0.0
22/03/2024 12:30					0.0
22/03/2024 12:40					0.0
22/03/2024 12:50					0.0
22/03/2024 13:00					0.0
22/03/2024 13:10					0.0
22/03/2024 13:20					0.0
22/03/2024 13:30					0.0
22/03/2024 13:40					0.0
22/03/2024 13:50					0.0
22/03/2024 14:00					0.0
22/03/2024 14:10					0.0
22/03/2024 14:20					0.0
22/03/2024 14:30					0.0
22/03/2024 14:40					0.0
22/03/2024 14:50					0.0
22/03/2024 15:00					0.0
22/03/2024 15:10					0.0
22/03/2024 15:20					0.0
22/03/2024 15:30					0.0
22/03/2024 15:40					0.0
22/03/2024 15:50					0.0
22/03/2024 16:00					0.0
22/03/2024 16:10					0.0
22/03/2024 16:20					0.0
22/03/2024 16:30					0.0
22/03/2024 16:40					0.0
22/03/2024 16:50					0.0
22/03/2024 17:00					0.0
22/03/2024 17:10					0.0
22/03/2024 17:20					0.0
22/03/2024 17:30					0.0
22/03/2024 17:40					0.0
22/03/2024 17:50					0.0
22/03/2024 18:00					0.0
22/03/2024 18:10					0.0
22/03/2024 18:20					0.0
22/03/2024 18:30					0.0
22/03/2024 18:40					0.0
22/03/2024 18:50					0.0
22/03/2024 19:00					0.0
22/03/2024 19:10					0.0
22/03/2024 19:20					0.0
22/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/03/2024 19:40					0.0
22/03/2024 19:50					0.0
22/03/2024 20:00					0.0
22/03/2024 20:10					0.0
22/03/2024 20:20					0.0
22/03/2024 20:30					0.0
22/03/2024 20:40					0.0
22/03/2024 20:50					0.0
22/03/2024 21:00					0.0
22/03/2024 21:10					0.0
22/03/2024 21:20					0.0
22/03/2024 21:30					0.0
22/03/2024 21:40					0.0
22/03/2024 21:50					0.0
22/03/2024 22:00					0.0
22/03/2024 22:10					0.0
22/03/2024 22:20					0.0
22/03/2024 22:30					0.0
22/03/2024 22:40					0.0
22/03/2024 22:50					0.0
22/03/2024 23:00					0.0
22/03/2024 23:10					0.0
22/03/2024 23:20					0.0
22/03/2024 23:30					0.0
22/03/2024 23:40					0.0
22/03/2024 23:50					0.0
23/03/2024 0:00					0.0
23/03/2024 0:10					0.0
23/03/2024 0:20					0.0
23/03/2024 0:30					0.0
23/03/2024 0:40					0.0
23/03/2024 0:50					0.0
23/03/2024 1:00					0.0
23/03/2024 1:10					0.0
23/03/2024 1:20					0.0
23/03/2024 1:30					0.0
23/03/2024 1:40					0.0
23/03/2024 1:50					0.0
23/03/2024 2:00					0.0
23/03/2024 2:10					0.0
23/03/2024 2:20					0.0
23/03/2024 2:30					0.0
23/03/2024 2:40					0.0
23/03/2024 2:50					0.0
23/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 3:10					0.0
23/03/2024 3:20					0.0
23/03/2024 3:30					0.0
23/03/2024 3:40					0.0
23/03/2024 3:50					0.0
23/03/2024 4:00					0.0
23/03/2024 4:10					0.0
23/03/2024 4:20					0.0
23/03/2024 4:30					0.0
23/03/2024 4:40					0.0
23/03/2024 4:50					0.0
23/03/2024 5:00					0.0
23/03/2024 5:10					0.0
23/03/2024 5:20					0.0
23/03/2024 5:30					0.0
23/03/2024 5:40					0.0
23/03/2024 5:50					0.0
23/03/2024 6:00					0.0
23/03/2024 6:10					0.0
23/03/2024 6:20					0.0
23/03/2024 6:30					0.0
23/03/2024 6:40					0.0
23/03/2024 6:50					0.0
23/03/2024 7:00					0.0
23/03/2024 7:10					0.0
23/03/2024 7:20					0.0
23/03/2024 7:30					0.0
23/03/2024 7:40					0.0
23/03/2024 7:50					0.0
23/03/2024 8:00					0.0
23/03/2024 8:10					0.0
23/03/2024 8:20					0.0
23/03/2024 8:30					0.0
23/03/2024 8:40					0.0
23/03/2024 8:50					0.0
23/03/2024 9:00					0.0
23/03/2024 9:10					0.0
23/03/2024 9:20					0.0
23/03/2024 9:30					0.0
23/03/2024 9:40					0.0
23/03/2024 9:50					0.0
23/03/2024 10:00					0.0
23/03/2024 10:10					0.0
23/03/2024 10:20					0.0
23/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 10:40					0.0
23/03/2024 10:50					0.0
23/03/2024 11:00					0.0
23/03/2024 11:10					0.0
23/03/2024 11:20					0.0
23/03/2024 11:30					0.0
23/03/2024 11:40					0.0
23/03/2024 11:50					0.0
23/03/2024 12:00					0.0
23/03/2024 12:10					0.0
23/03/2024 12:20					0.0
23/03/2024 12:30					0.0
23/03/2024 12:40					0.0
23/03/2024 12:50					0.0
23/03/2024 13:00					0.0
23/03/2024 13:10					0.0
23/03/2024 13:20					0.0
23/03/2024 13:30					0.0
23/03/2024 13:40					0.0
23/03/2024 13:50					0.0
23/03/2024 14:00					0.0
23/03/2024 14:10					0.0
23/03/2024 14:20					0.0
23/03/2024 14:30					0.0
23/03/2024 14:40					0.0
23/03/2024 14:50					0.0
23/03/2024 15:00					0.0
23/03/2024 15:10					0.0
23/03/2024 15:20					0.0
23/03/2024 15:30					0.0
23/03/2024 15:40					0.0
23/03/2024 15:50					0.0
23/03/2024 16:00					0.0
23/03/2024 16:10					0.0
23/03/2024 16:20					0.0
23/03/2024 16:30					0.0
23/03/2024 16:40					0.0
23/03/2024 16:50					0.0
23/03/2024 17:00					0.0
23/03/2024 17:10					0.0
23/03/2024 17:20					0.0
23/03/2024 17:30					0.0
23/03/2024 17:40					0.0
23/03/2024 17:50					0.0
23/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/03/2024 18:10					0.0
23/03/2024 18:20					0.0
23/03/2024 18:30					0.0
23/03/2024 18:40					0.0
23/03/2024 18:50					0.0
23/03/2024 19:00					0.0
23/03/2024 19:10					0.0
23/03/2024 19:20					0.0
23/03/2024 19:30					0.0
23/03/2024 19:40					0.0
23/03/2024 19:50					0.0
23/03/2024 20:00					0.0
23/03/2024 20:10					0.0
23/03/2024 20:20					0.0
23/03/2024 20:30					0.0
23/03/2024 20:40					0.0
23/03/2024 20:50					0.0
23/03/2024 21:00					0.0
23/03/2024 21:10					0.0
23/03/2024 21:20					0.0
23/03/2024 21:30					0.0
23/03/2024 21:40					0.0
23/03/2024 21:50					0.0
23/03/2024 22:00					0.0
23/03/2024 22:10					0.0
23/03/2024 22:20					0.0
23/03/2024 22:30					0.0
23/03/2024 22:40					0.0
23/03/2024 22:50					0.0
23/03/2024 23:00					0.0
23/03/2024 23:10					0.0
23/03/2024 23:20					0.0
23/03/2024 23:30					0.0
23/03/2024 23:40					0.0
23/03/2024 23:50					0.0
24/03/2024 0:00					0.0
24/03/2024 0:10					0.0
24/03/2024 0:20					0.0
24/03/2024 0:30					0.0
24/03/2024 0:40					0.0
24/03/2024 0:50					0.0
24/03/2024 1:00					0.0
24/03/2024 1:10					0.0
24/03/2024 1:20					0.0
24/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 1:40					0.0
24/03/2024 1:50					0.0
24/03/2024 2:00					0.0
24/03/2024 2:10					0.0
24/03/2024 2:20					0.0
24/03/2024 2:30					0.0
24/03/2024 2:40					0.0
24/03/2024 2:50					0.0
24/03/2024 3:00					0.0
24/03/2024 3:10					0.0
24/03/2024 3:20					0.0
24/03/2024 3:30					0.0
24/03/2024 3:40					0.0
24/03/2024 3:50					0.0
24/03/2024 4:00					0.0
24/03/2024 4:10					0.0
24/03/2024 4:20					0.0
24/03/2024 4:30					0.0
24/03/2024 4:40					0.0
24/03/2024 4:50					0.0
24/03/2024 5:00					0.0
24/03/2024 5:10					0.0
24/03/2024 5:20					0.0
24/03/2024 5:30					0.0
24/03/2024 5:40					0.0
24/03/2024 5:50					0.0
24/03/2024 6:00					0.0
24/03/2024 6:10					0.0
24/03/2024 6:20					0.0
24/03/2024 6:30					0.0
24/03/2024 6:40					0.0
24/03/2024 6:50					0.0
24/03/2024 7:00					0.0
24/03/2024 7:10					0.0
24/03/2024 7:20					0.0
24/03/2024 7:30					0.0
24/03/2024 7:40					0.0
24/03/2024 7:50					0.0
24/03/2024 8:00					0.0
24/03/2024 8:10					0.0
24/03/2024 8:20					0.0
24/03/2024 8:30					0.0
24/03/2024 8:40					0.0
24/03/2024 8:50					0.0
24/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 9:10					0.0
24/03/2024 9:20					0.0
24/03/2024 9:30					0.0
24/03/2024 9:40					0.0
24/03/2024 9:50					0.0
24/03/2024 10:00					0.0
24/03/2024 10:10					0.0
24/03/2024 10:20					0.0
24/03/2024 10:30					0.0
24/03/2024 10:40					0.0
24/03/2024 10:50					0.0
24/03/2024 11:00					0.0
24/03/2024 11:10					0.0
24/03/2024 11:20					0.0
24/03/2024 11:30					0.0
24/03/2024 11:40					0.0
24/03/2024 11:50					0.0
24/03/2024 12:00					0.0
24/03/2024 12:10					0.0
24/03/2024 12:20					0.0
24/03/2024 12:30					0.0
24/03/2024 12:40					0.0
24/03/2024 12:50					0.0
24/03/2024 13:00					0.0
24/03/2024 13:10					0.0
24/03/2024 13:20					0.0
24/03/2024 13:30					0.0
24/03/2024 13:40					0.0
24/03/2024 13:50					0.0
24/03/2024 14:00					0.0
24/03/2024 14:10					0.0
24/03/2024 14:20					0.0
24/03/2024 14:30					0.0
24/03/2024 14:40					0.0
24/03/2024 14:50					0.0
24/03/2024 15:00					0.0
24/03/2024 15:10					0.0
24/03/2024 15:20					0.0
24/03/2024 15:30					0.0
24/03/2024 15:40					0.0
24/03/2024 15:50					0.0
24/03/2024 16:00					0.0
24/03/2024 16:10					0.0
24/03/2024 16:20					0.0
24/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/03/2024 16:40					0.0
24/03/2024 16:50					0.0
24/03/2024 17:00					0.0
24/03/2024 17:10					0.0
24/03/2024 17:20					0.0
24/03/2024 17:30					0.0
24/03/2024 17:40					0.0
24/03/2024 17:50					0.0
24/03/2024 18:00					0.0
24/03/2024 18:10					0.0
24/03/2024 18:20					0.0
24/03/2024 18:30					0.0
24/03/2024 18:40					0.0
24/03/2024 18:50					0.0
24/03/2024 19:00					0.0
24/03/2024 19:10					0.0
24/03/2024 19:20					0.0
24/03/2024 19:30					0.0
24/03/2024 19:40					0.0
24/03/2024 19:50					0.0
24/03/2024 20:00					0.0
24/03/2024 20:10					0.0
24/03/2024 20:20					0.0
24/03/2024 20:30					0.0
24/03/2024 20:40					0.0
24/03/2024 20:50					0.0
24/03/2024 21:00					0.0
24/03/2024 21:10					0.0
24/03/2024 21:20					0.0
24/03/2024 21:30					0.0
24/03/2024 21:40					0.0
24/03/2024 21:50					0.0
24/03/2024 22:00					0.0
24/03/2024 22:10					0.0
24/03/2024 22:20					0.0
24/03/2024 22:30					0.0
24/03/2024 22:40					0.0
24/03/2024 22:50					0.0
24/03/2024 23:00					0.0
24/03/2024 23:10					0.0
24/03/2024 23:20					0.0
24/03/2024 23:30					0.0
24/03/2024 23:40					0.0
24/03/2024 23:50					0.0
25/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 0:10					0.0
25/03/2024 0:20					0.0
25/03/2024 0:30					0.0
25/03/2024 0:40					0.0
25/03/2024 0:50					0.0
25/03/2024 1:00					0.0
25/03/2024 1:10					0.0
25/03/2024 1:20					0.0
25/03/2024 1:30					0.0
25/03/2024 1:40					0.0
25/03/2024 1:50					0.0
25/03/2024 2:00					0.0
25/03/2024 2:10					0.0
25/03/2024 2:20					0.0
25/03/2024 2:30					0.0
25/03/2024 2:40					0.0
25/03/2024 2:50					0.0
25/03/2024 3:00					0.0
25/03/2024 3:10					0.0
25/03/2024 3:20					0.0
25/03/2024 3:30					0.0
25/03/2024 3:40					0.0
25/03/2024 3:50					0.0
25/03/2024 4:00					0.0
25/03/2024 4:10					0.0
25/03/2024 4:20					0.0
25/03/2024 4:30					0.0
25/03/2024 4:40					0.0
25/03/2024 4:50					0.0
25/03/2024 5:00					0.0
25/03/2024 5:10					0.0
25/03/2024 5:20					0.0
25/03/2024 5:30					0.0
25/03/2024 5:40					0.0
25/03/2024 5:50					0.0
25/03/2024 6:00					0.0
25/03/2024 6:10					0.0
25/03/2024 6:20					0.0
25/03/2024 6:30					0.0
25/03/2024 6:40					0.0
25/03/2024 6:50					0.0
25/03/2024 7:00					0.0
25/03/2024 7:10					0.0
25/03/2024 7:20					0.0
25/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 7:40					0.0
25/03/2024 7:50					0.0
25/03/2024 8:00					0.0
25/03/2024 8:10					0.0
25/03/2024 8:20					0.0
25/03/2024 8:30					0.0
25/03/2024 8:40					0.0
25/03/2024 8:50					0.0
25/03/2024 9:00					0.0
25/03/2024 9:10					0.0
25/03/2024 9:20					0.0
25/03/2024 9:30					0.0
25/03/2024 9:40					0.0
25/03/2024 9:50					0.0
25/03/2024 10:00					0.0
25/03/2024 10:10					0.0
25/03/2024 10:20					0.0
25/03/2024 10:30					0.0
25/03/2024 10:40					0.0
25/03/2024 10:50					0.0
25/03/2024 11:00					0.0
25/03/2024 11:10					0.0
25/03/2024 11:20					0.0
25/03/2024 11:30					0.0
25/03/2024 11:40					0.0
25/03/2024 11:50					0.0
25/03/2024 12:00					0.0
25/03/2024 12:10					0.0
25/03/2024 12:20					0.0
25/03/2024 12:30					0.0
25/03/2024 12:40					0.0
25/03/2024 12:50					0.0
25/03/2024 13:00					0.0
25/03/2024 13:10					0.0
25/03/2024 13:20					0.0
25/03/2024 13:30					0.0
25/03/2024 13:40					0.0
25/03/2024 13:50					0.0
25/03/2024 14:00					0.0
25/03/2024 14:10					0.0
25/03/2024 14:20					0.0
25/03/2024 14:30					0.0
25/03/2024 14:40					0.0
25/03/2024 14:50					0.0
25/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 15:10					0.0
25/03/2024 15:20					0.0
25/03/2024 15:30					0.0
25/03/2024 15:40					0.0
25/03/2024 15:50					0.0
25/03/2024 16:00					0.0
25/03/2024 16:10					0.0
25/03/2024 16:20					0.0
25/03/2024 16:30					0.0
25/03/2024 16:40					0.0
25/03/2024 16:50					0.0
25/03/2024 17:00					0.0
25/03/2024 17:10					0.0
25/03/2024 17:20					0.0
25/03/2024 17:30					0.0
25/03/2024 17:40					0.0
25/03/2024 17:50					0.0
25/03/2024 18:00					0.0
25/03/2024 18:10					0.0
25/03/2024 18:20					0.0
25/03/2024 18:30					0.0
25/03/2024 18:40					0.0
25/03/2024 18:50					0.0
25/03/2024 19:00					0.0
25/03/2024 19:10					0.0
25/03/2024 19:20					0.0
25/03/2024 19:30					0.0
25/03/2024 19:40					0.0
25/03/2024 19:50					0.0
25/03/2024 20:00					0.0
25/03/2024 20:10					0.0
25/03/2024 20:20					0.0
25/03/2024 20:30					0.0
25/03/2024 20:40					0.0
25/03/2024 20:50					0.0
25/03/2024 21:00					0.0
25/03/2024 21:10					0.0
25/03/2024 21:20					0.0
25/03/2024 21:30					0.0
25/03/2024 21:40					0.0
25/03/2024 21:50					0.0
25/03/2024 22:00					0.0
25/03/2024 22:10					0.0
25/03/2024 22:20					0.0
25/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/03/2024 22:40					0.0
25/03/2024 22:50					0.0
25/03/2024 23:00					0.0
25/03/2024 23:10					0.0
25/03/2024 23:20					0.0
25/03/2024 23:30					0.0
25/03/2024 23:40					0.0
25/03/2024 23:50					0.0
26/03/2024 0:00					0.0
26/03/2024 0:10					0.0
26/03/2024 0:20					0.0
26/03/2024 0:30					0.0
26/03/2024 0:40					0.0
26/03/2024 0:50					0.0
26/03/2024 1:00					0.0
26/03/2024 1:10					0.0
26/03/2024 1:20					0.0
26/03/2024 1:30					0.0
26/03/2024 1:40					0.0
26/03/2024 1:50					0.0
26/03/2024 2:00					0.0
26/03/2024 2:10					0.0
26/03/2024 2:20					0.0
26/03/2024 2:30					0.0
26/03/2024 2:40					0.0
26/03/2024 2:50					0.0
26/03/2024 3:00					0.0
26/03/2024 3:10					0.0
26/03/2024 3:20					0.0
26/03/2024 3:30					0.0
26/03/2024 3:40					0.0
26/03/2024 3:50					0.0
26/03/2024 4:00					0.0
26/03/2024 4:10					0.0
26/03/2024 4:20					0.0
26/03/2024 4:30					0.0
26/03/2024 4:40					0.0
26/03/2024 4:50					0.0
26/03/2024 5:00					0.0
26/03/2024 5:10					0.0
26/03/2024 5:20					0.0
26/03/2024 5:30					0.0
26/03/2024 5:40					0.0
26/03/2024 5:50					0.0
26/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 6:10					0.0
26/03/2024 6:20					0.0
26/03/2024 6:30					0.0
26/03/2024 6:40					0.0
26/03/2024 6:50					0.0
26/03/2024 7:00					0.0
26/03/2024 7:10					0.0
26/03/2024 7:20					0.0
26/03/2024 7:30					0.0
26/03/2024 7:40					0.0
26/03/2024 7:50					0.0
26/03/2024 8:00					0.0
26/03/2024 8:10					0.0
26/03/2024 8:20					0.0
26/03/2024 8:30					0.0
26/03/2024 8:40					0.0
26/03/2024 8:50					0.0
26/03/2024 9:00					0.0
26/03/2024 9:10					0.0
26/03/2024 9:20					0.0
26/03/2024 9:30					0.0
26/03/2024 9:40					0.0
26/03/2024 9:50					0.0
26/03/2024 10:00					0.0
26/03/2024 10:10					0.0
26/03/2024 10:20					0.0
26/03/2024 10:30					0.0
26/03/2024 10:40					0.0
26/03/2024 10:50					0.0
26/03/2024 11:00					0.0
26/03/2024 11:10					0.0
26/03/2024 11:20					0.0
26/03/2024 11:30					0.0
26/03/2024 11:40					0.0
26/03/2024 11:50					0.0
26/03/2024 12:00					0.0
26/03/2024 12:10					0.0
26/03/2024 12:20					0.0
26/03/2024 12:30					0.0
26/03/2024 12:40					0.0
26/03/2024 12:50					0.0
26/03/2024 13:00					0.0
26/03/2024 13:10					0.0
26/03/2024 13:20					0.0
26/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 13:40					0.0
26/03/2024 13:50					0.0
26/03/2024 14:00					0.0
26/03/2024 14:10					0.0
26/03/2024 14:20					0.0
26/03/2024 14:30					0.0
26/03/2024 14:40					0.0
26/03/2024 14:50					0.0
26/03/2024 15:00					0.0
26/03/2024 15:10					0.0
26/03/2024 15:20					0.0
26/03/2024 15:30					0.0
26/03/2024 15:40					0.0
26/03/2024 15:50					0.0
26/03/2024 16:00					0.0
26/03/2024 16:10					0.0
26/03/2024 16:20					0.0
26/03/2024 16:30					0.0
26/03/2024 16:40					0.0
26/03/2024 16:50					0.0
26/03/2024 17:00					0.0
26/03/2024 17:10					0.0
26/03/2024 17:20					0.0
26/03/2024 17:30					0.0
26/03/2024 17:40					0.0
26/03/2024 17:50					0.0
26/03/2024 18:00					0.0
26/03/2024 18:10					0.0
26/03/2024 18:20					0.0
26/03/2024 18:30					0.0
26/03/2024 18:40					0.0
26/03/2024 18:50					0.0
26/03/2024 19:00					0.0
26/03/2024 19:10					0.0
26/03/2024 19:20					0.0
26/03/2024 19:30					0.0
26/03/2024 19:40					0.0
26/03/2024 19:50					0.0
26/03/2024 20:00					0.0
26/03/2024 20:10					0.0
26/03/2024 20:20					0.0
26/03/2024 20:30					0.0
26/03/2024 20:40					0.0
26/03/2024 20:50					0.0
26/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/03/2024 21:10					0.0
26/03/2024 21:20					0.0
26/03/2024 21:30					0.0
26/03/2024 21:40					0.0
26/03/2024 21:50					0.0
26/03/2024 22:00					0.0
26/03/2024 22:10					0.0
26/03/2024 22:20					0.0
26/03/2024 22:30					0.0
26/03/2024 22:40					0.0
26/03/2024 22:50					0.0
26/03/2024 23:00					0.0
26/03/2024 23:10					0.0
26/03/2024 23:20					0.0
26/03/2024 23:30					0.0
26/03/2024 23:40					0.0
26/03/2024 23:50					0.0
27/03/2024 0:00					0.0
27/03/2024 0:10					0.0
27/03/2024 0:20					0.0
27/03/2024 0:30					0.0
27/03/2024 0:40					0.0
27/03/2024 0:50					0.0
27/03/2024 1:00					0.0
27/03/2024 1:10					0.0
27/03/2024 1:20					0.0
27/03/2024 1:30					0.0
27/03/2024 1:40					0.0
27/03/2024 1:50					0.0
27/03/2024 2:00					0.0
27/03/2024 2:10					0.0
27/03/2024 2:20					0.0
27/03/2024 2:30					0.0
27/03/2024 2:40					0.0
27/03/2024 2:50					0.0
27/03/2024 3:00					0.0
27/03/2024 3:10					0.0
27/03/2024 3:20					0.0
27/03/2024 3:30					0.0
27/03/2024 3:40					0.0
27/03/2024 3:50					0.0
27/03/2024 4:00					0.0
27/03/2024 4:10					0.0
27/03/2024 4:20					0.0
27/03/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 4:40					0.0
27/03/2024 4:50					0.0
27/03/2024 5:00					0.0
27/03/2024 5:10					0.0
27/03/2024 5:20					0.0
27/03/2024 5:30					0.0
27/03/2024 5:40					0.0
27/03/2024 5:50					0.0
27/03/2024 6:00					0.0
27/03/2024 6:10					0.0
27/03/2024 6:20					0.0
27/03/2024 6:30					0.0
27/03/2024 6:40					0.0
27/03/2024 6:50					0.0
27/03/2024 7:00					0.0
27/03/2024 7:10					0.0
27/03/2024 7:20					0.0
27/03/2024 7:30					0.0
27/03/2024 7:40					0.0
27/03/2024 7:50					0.0
27/03/2024 8:00					0.0
27/03/2024 8:10					0.0
27/03/2024 8:20					0.0
27/03/2024 8:30					0.0
27/03/2024 8:40					0.0
27/03/2024 8:50					0.0
27/03/2024 9:00					0.0
27/03/2024 9:10					0.0
27/03/2024 9:20					0.0
27/03/2024 9:30					0.0
27/03/2024 9:40					0.0
27/03/2024 9:50					0.0
27/03/2024 10:00					0.0
27/03/2024 10:10					0.0
27/03/2024 10:20					0.0
27/03/2024 10:30					0.0
27/03/2024 10:40					0.0
27/03/2024 10:50					0.0
27/03/2024 11:00					0.0
27/03/2024 11:10					0.0
27/03/2024 11:20					0.0
27/03/2024 11:30					0.0
27/03/2024 11:40					0.0
27/03/2024 11:50					0.0
27/03/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 12:10					0.0
27/03/2024 12:20					0.0
27/03/2024 12:30					0.0
27/03/2024 12:40					0.0
27/03/2024 12:50					0.0
27/03/2024 13:00					0.0
27/03/2024 13:10					0.0
27/03/2024 13:20					0.0
27/03/2024 13:30					0.0
27/03/2024 13:40					0.0
27/03/2024 13:50					0.0
27/03/2024 14:00					0.0
27/03/2024 14:10					0.0
27/03/2024 14:20					0.0
27/03/2024 14:30					0.0
27/03/2024 14:40					0.0
27/03/2024 14:50					0.0
27/03/2024 15:00					0.0
27/03/2024 15:10					0.0
27/03/2024 15:20					0.0
27/03/2024 15:30					0.0
27/03/2024 15:40					0.0
27/03/2024 15:50					0.0
27/03/2024 16:00					0.0
27/03/2024 16:10					0.0
27/03/2024 16:20					0.0
27/03/2024 16:30					0.0
27/03/2024 16:40					0.0
27/03/2024 16:50					0.0
27/03/2024 17:00					0.0
27/03/2024 17:10					0.0
27/03/2024 17:20					0.0
27/03/2024 17:30					0.0
27/03/2024 17:40					0.0
27/03/2024 17:50					0.0
27/03/2024 18:00					0.0
27/03/2024 18:10					0.0
27/03/2024 18:20					0.0
27/03/2024 18:30					0.0
27/03/2024 18:40					0.0
27/03/2024 18:50					0.0
27/03/2024 19:00					0.0
27/03/2024 19:10					0.0
27/03/2024 19:20					0.0
27/03/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/03/2024 19:40					0.0
27/03/2024 19:50					0.0
27/03/2024 20:00					0.0
27/03/2024 20:10					0.0
27/03/2024 20:20					0.0
27/03/2024 20:30					0.0
27/03/2024 20:40					0.0
27/03/2024 20:50					0.0
27/03/2024 21:00					0.0
27/03/2024 21:10					0.0
27/03/2024 21:20					0.0
27/03/2024 21:30					0.0
27/03/2024 21:40					0.0
27/03/2024 21:50					0.0
27/03/2024 22:00					0.0
27/03/2024 22:10					0.0
27/03/2024 22:20					0.0
27/03/2024 22:30					0.0
27/03/2024 22:40					0.0
27/03/2024 22:50					0.0
27/03/2024 23:00					0.0
27/03/2024 23:10					0.0
27/03/2024 23:20					0.0
27/03/2024 23:30					0.0
27/03/2024 23:40					0.0
27/03/2024 23:50					0.0
28/03/2024 0:00					0.0
28/03/2024 0:10					0.0
28/03/2024 0:20					0.0
28/03/2024 0:30					0.0
28/03/2024 0:40					0.0
28/03/2024 0:50					0.0
28/03/2024 1:00					0.0
28/03/2024 1:10					0.0
28/03/2024 1:20					0.0
28/03/2024 1:30					0.0
28/03/2024 1:40					0.0
28/03/2024 1:50					0.0
28/03/2024 2:00					0.0
28/03/2024 2:10					0.0
28/03/2024 2:20					0.0
28/03/2024 2:30					0.0
28/03/2024 2:40					0.0
28/03/2024 2:50					0.0
28/03/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 3:10					0.0
28/03/2024 3:20					0.0
28/03/2024 3:30					0.0
28/03/2024 3:40					0.0
28/03/2024 3:50					0.0
28/03/2024 4:00					0.0
28/03/2024 4:10					0.0
28/03/2024 4:20					0.0
28/03/2024 4:30					0.0
28/03/2024 4:40					0.0
28/03/2024 4:50					0.0
28/03/2024 5:00					0.0
28/03/2024 5:10					0.0
28/03/2024 5:20					0.0
28/03/2024 5:30					0.0
28/03/2024 5:40					0.0
28/03/2024 5:50					0.0
28/03/2024 6:00					0.0
28/03/2024 6:10					0.0
28/03/2024 6:20					0.0
28/03/2024 6:30					0.0
28/03/2024 6:40					0.0
28/03/2024 6:50					0.0
28/03/2024 7:00					0.0
28/03/2024 7:10					0.0
28/03/2024 7:20					0.0
28/03/2024 7:30					0.0
28/03/2024 7:40					0.0
28/03/2024 7:50					0.0
28/03/2024 8:00					0.0
28/03/2024 8:10					0.0
28/03/2024 8:20					0.0
28/03/2024 8:30					0.0
28/03/2024 8:40					0.0
28/03/2024 8:50					0.0
28/03/2024 9:00					0.0
28/03/2024 9:10					0.0
28/03/2024 9:20					0.0
28/03/2024 9:30					0.0
28/03/2024 9:40					0.0
28/03/2024 9:50					0.0
28/03/2024 10:00					0.0
28/03/2024 10:10					0.0
28/03/2024 10:20					0.0
28/03/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 10:40					0.0
28/03/2024 10:50					0.0
28/03/2024 11:00					0.0
28/03/2024 11:10					0.0
28/03/2024 11:20					0.0
28/03/2024 11:30					0.0
28/03/2024 11:40					0.0
28/03/2024 11:50					0.0
28/03/2024 12:00					0.0
28/03/2024 12:10					0.0
28/03/2024 12:20					0.0
28/03/2024 12:30					0.0
28/03/2024 12:40					0.0
28/03/2024 12:50					0.0
28/03/2024 13:00					0.0
28/03/2024 13:10					0.0
28/03/2024 13:20					0.0
28/03/2024 13:30					0.0
28/03/2024 13:40					0.0
28/03/2024 13:50					0.0
28/03/2024 14:00					0.0
28/03/2024 14:10					0.0
28/03/2024 14:20					0.0
28/03/2024 14:30					0.0
28/03/2024 14:40					0.0
28/03/2024 14:50					0.0
28/03/2024 15:00					0.0
28/03/2024 15:10					0.0
28/03/2024 15:20					0.0
28/03/2024 15:30					0.0
28/03/2024 15:40					0.0
28/03/2024 15:50					0.0
28/03/2024 16:00					0.0
28/03/2024 16:10					0.0
28/03/2024 16:20					0.0
28/03/2024 16:30					0.0
28/03/2024 16:40					0.0
28/03/2024 16:50					0.0
28/03/2024 17:00					0.0
28/03/2024 17:10					0.0
28/03/2024 17:20					0.0
28/03/2024 17:30					0.0
28/03/2024 17:40					0.0
28/03/2024 17:50					0.0
28/03/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/03/2024 18:10					0.0
28/03/2024 18:20					0.0
28/03/2024 18:30					0.0
28/03/2024 18:40					0.0
28/03/2024 18:50					0.0
28/03/2024 19:00					0.0
28/03/2024 19:10					0.0
28/03/2024 19:20					0.0
28/03/2024 19:30					0.0
28/03/2024 19:40					0.0
28/03/2024 19:50					0.0
28/03/2024 20:00					0.0
28/03/2024 20:10					0.0
28/03/2024 20:20					0.0
28/03/2024 20:30					0.0
28/03/2024 20:40					0.0
28/03/2024 20:50					0.0
28/03/2024 21:00					0.0
28/03/2024 21:10					0.0
28/03/2024 21:20					0.0
28/03/2024 21:30					0.0
28/03/2024 21:40					0.0
28/03/2024 21:50					0.0
28/03/2024 22:00					0.0
28/03/2024 22:10					0.0
28/03/2024 22:20					0.0
28/03/2024 22:30					0.0
28/03/2024 22:40					0.0
28/03/2024 22:50					0.0
28/03/2024 23:00					0.0
28/03/2024 23:10					0.0
28/03/2024 23:20					0.0
28/03/2024 23:30					0.0
28/03/2024 23:40					0.0
28/03/2024 23:50					0.0
29/03/2024 0:00					0.0
29/03/2024 0:10					0.0
29/03/2024 0:20					0.0
29/03/2024 0:30					0.0
29/03/2024 0:40					0.0
29/03/2024 0:50					0.0
29/03/2024 1:00					0.0
29/03/2024 1:10					0.0
29/03/2024 1:20					0.0
29/03/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 1:40					0.0
29/03/2024 1:50					0.0
29/03/2024 2:00					0.0
29/03/2024 2:10					0.0
29/03/2024 2:20					0.0
29/03/2024 2:30					0.0
29/03/2024 2:40					0.0
29/03/2024 2:50					0.0
29/03/2024 3:00					0.0
29/03/2024 3:10					0.0
29/03/2024 3:20					0.0
29/03/2024 3:30					0.0
29/03/2024 3:40					0.0
29/03/2024 3:50					0.0
29/03/2024 4:00					0.0
29/03/2024 4:10					0.0
29/03/2024 4:20					0.0
29/03/2024 4:30					0.0
29/03/2024 4:40					0.0
29/03/2024 4:50					0.0
29/03/2024 5:00					0.0
29/03/2024 5:10					0.0
29/03/2024 5:20					0.0
29/03/2024 5:30					0.0
29/03/2024 5:40					0.0
29/03/2024 5:50					0.0
29/03/2024 6:00					0.0
29/03/2024 6:10					0.0
29/03/2024 6:20					0.0
29/03/2024 6:30					0.0
29/03/2024 6:40					0.0
29/03/2024 6:50					0.0
29/03/2024 7:00					0.0
29/03/2024 7:10					0.0
29/03/2024 7:20					0.0
29/03/2024 7:30					0.0
29/03/2024 7:40					0.0
29/03/2024 7:50					0.0
29/03/2024 8:00					0.0
29/03/2024 8:10					0.0
29/03/2024 8:20					0.0
29/03/2024 8:30					0.0
29/03/2024 8:40					0.0
29/03/2024 8:50					0.0
29/03/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 9:10					0.0
29/03/2024 9:20					0.0
29/03/2024 9:30					0.0
29/03/2024 9:40					0.0
29/03/2024 9:50					0.0
29/03/2024 10:00					0.0
29/03/2024 10:10					0.0
29/03/2024 10:20					0.0
29/03/2024 10:30					0.0
29/03/2024 10:40					0.0
29/03/2024 10:50					0.0
29/03/2024 11:00					0.0
29/03/2024 11:10					0.0
29/03/2024 11:20					0.0
29/03/2024 11:30					0.0
29/03/2024 11:40					0.0
29/03/2024 11:50					0.0
29/03/2024 12:00					0.0
29/03/2024 12:10					0.0
29/03/2024 12:20					0.0
29/03/2024 12:30					0.0
29/03/2024 12:40					0.0
29/03/2024 12:50					0.0
29/03/2024 13:00					0.0
29/03/2024 13:10					0.0
29/03/2024 13:20					0.0
29/03/2024 13:30					0.0
29/03/2024 13:40					0.0
29/03/2024 13:50					0.0
29/03/2024 14:00					0.0
29/03/2024 14:10					0.0
29/03/2024 14:20					0.0
29/03/2024 14:30					0.0
29/03/2024 14:40					0.0
29/03/2024 14:50					0.0
29/03/2024 15:00					0.0
29/03/2024 15:10					0.0
29/03/2024 15:20					0.0
29/03/2024 15:30					0.0
29/03/2024 15:40					0.0
29/03/2024 15:50					0.0
29/03/2024 16:00					0.0
29/03/2024 16:10					0.0
29/03/2024 16:20					0.0
29/03/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/03/2024 16:40					0.0
29/03/2024 16:50					0.0
29/03/2024 17:00					0.0
29/03/2024 17:10					0.0
29/03/2024 17:20					0.0
29/03/2024 17:30					0.0
29/03/2024 17:40					0.0
29/03/2024 17:50					0.0
29/03/2024 18:00					0.0
29/03/2024 18:10					0.0
29/03/2024 18:20					0.0
29/03/2024 18:30					0.0
29/03/2024 18:40					0.0
29/03/2024 18:50					0.0
29/03/2024 19:00					0.0
29/03/2024 19:10					0.0
29/03/2024 19:20					0.0
29/03/2024 19:30					0.0
29/03/2024 19:40					0.0
29/03/2024 19:50					0.0
29/03/2024 20:00					0.0
29/03/2024 20:10					0.0
29/03/2024 20:20					0.0
29/03/2024 20:30					0.0
29/03/2024 20:40					0.0
29/03/2024 20:50					0.0
29/03/2024 21:00					0.0
29/03/2024 21:10					0.0
29/03/2024 21:20					0.0
29/03/2024 21:30					0.0
29/03/2024 21:40					0.0
29/03/2024 21:50					0.0
29/03/2024 22:00					0.0
29/03/2024 22:10					0.0
29/03/2024 22:20					0.0
29/03/2024 22:30					0.0
29/03/2024 22:40					0.0
29/03/2024 22:50					0.0
29/03/2024 23:00					0.0
29/03/2024 23:10					0.0
29/03/2024 23:20					0.0
29/03/2024 23:30					0.0
29/03/2024 23:40					0.0
29/03/2024 23:50					0.0
30/03/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 0:10					0.0
30/03/2024 0:20					0.0
30/03/2024 0:30					0.0
30/03/2024 0:40					0.0
30/03/2024 0:50					0.0
30/03/2024 1:00					0.0
30/03/2024 1:10					0.0
30/03/2024 1:20					0.0
30/03/2024 1:30					0.0
30/03/2024 1:40					0.0
30/03/2024 1:50					0.0
30/03/2024 2:00					0.0
30/03/2024 2:10					0.0
30/03/2024 2:20					0.0
30/03/2024 2:30					0.0
30/03/2024 2:40					0.0
30/03/2024 2:50					0.0
30/03/2024 3:00					0.0
30/03/2024 3:10					0.0
30/03/2024 3:20					0.0
30/03/2024 3:30					0.0
30/03/2024 3:40					0.0
30/03/2024 3:50					0.0
30/03/2024 4:00					0.0
30/03/2024 4:10					0.0
30/03/2024 4:20					0.0
30/03/2024 4:30					0.0
30/03/2024 4:40					0.0
30/03/2024 4:50					0.0
30/03/2024 5:00					0.0
30/03/2024 5:10					0.0
30/03/2024 5:20					0.0
30/03/2024 5:30					0.0
30/03/2024 5:40					0.0
30/03/2024 5:50					0.0
30/03/2024 6:00					0.0
30/03/2024 6:10					0.0
30/03/2024 6:20					0.0
30/03/2024 6:30					0.0
30/03/2024 6:40					0.0
30/03/2024 6:50					0.0
30/03/2024 7:00					0.0
30/03/2024 7:10					0.0
30/03/2024 7:20					0.0
30/03/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 7:40					0.0
30/03/2024 7:50					0.0
30/03/2024 8:00					0.0
30/03/2024 8:10					0.0
30/03/2024 8:20					0.0
30/03/2024 8:30					0.0
30/03/2024 8:40					0.0
30/03/2024 8:50					0.0
30/03/2024 9:00					0.0
30/03/2024 9:10					0.0
30/03/2024 9:20					0.0
30/03/2024 9:30					0.0
30/03/2024 9:40					0.0
30/03/2024 9:50					0.0
30/03/2024 10:00					0.0
30/03/2024 10:10					0.0
30/03/2024 10:20					0.0
30/03/2024 10:30					0.0
30/03/2024 10:40					0.0
30/03/2024 10:50					0.0
30/03/2024 11:00					0.0
30/03/2024 11:10					0.0
30/03/2024 11:20					0.0
30/03/2024 11:30					0.0
30/03/2024 11:40					0.0
30/03/2024 11:50					0.0
30/03/2024 12:00					0.0
30/03/2024 12:10					0.0
30/03/2024 12:20					0.0
30/03/2024 12:30					0.0
30/03/2024 12:40					0.0
30/03/2024 12:50					0.0
30/03/2024 13:00					0.0
30/03/2024 13:10					0.0
30/03/2024 13:20					0.0
30/03/2024 13:30					0.0
30/03/2024 13:40					0.0
30/03/2024 13:50					0.0
30/03/2024 14:00					0.0
30/03/2024 14:10					0.0
30/03/2024 14:20					0.0
30/03/2024 14:30					0.0
30/03/2024 14:40					0.0
30/03/2024 14:50					0.0
30/03/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 15:10					0.0
30/03/2024 15:20					0.0
30/03/2024 15:30					0.0
30/03/2024 15:40					0.0
30/03/2024 15:50					0.0
30/03/2024 16:00					0.0
30/03/2024 16:10					0.0
30/03/2024 16:20					0.0
30/03/2024 16:30					0.0
30/03/2024 16:40					0.0
30/03/2024 16:50					0.0
30/03/2024 17:00					0.0
30/03/2024 17:10					0.0
30/03/2024 17:20					0.0
30/03/2024 17:30					0.0
30/03/2024 17:40					0.0
30/03/2024 17:50					0.0
30/03/2024 18:00					0.0
30/03/2024 18:10					0.0
30/03/2024 18:20					0.0
30/03/2024 18:30					0.0
30/03/2024 18:40					0.0
30/03/2024 18:50					0.0
30/03/2024 19:00					0.0
30/03/2024 19:10					0.0
30/03/2024 19:20					0.0
30/03/2024 19:30					0.0
30/03/2024 19:40					0.0
30/03/2024 19:50					0.0
30/03/2024 20:00					0.0
30/03/2024 20:10					0.0
30/03/2024 20:20					0.0
30/03/2024 20:30					0.0
30/03/2024 20:40					0.0
30/03/2024 20:50					0.0
30/03/2024 21:00					0.0
30/03/2024 21:10					0.0
30/03/2024 21:20					0.0
30/03/2024 21:30					0.0
30/03/2024 21:40					0.0
30/03/2024 21:50					0.0
30/03/2024 22:00					0.0
30/03/2024 22:10					0.0
30/03/2024 22:20					0.0
30/03/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/03/2024 22:40					0.0
30/03/2024 22:50					0.0
30/03/2024 23:00					0.0
30/03/2024 23:10					0.0
30/03/2024 23:20					0.0
30/03/2024 23:30					0.0
30/03/2024 23:40					0.0
30/03/2024 23:50					0.0
31/03/2024 0:00					0.0
31/03/2024 0:10					0.0
31/03/2024 0:20					0.0
31/03/2024 0:30					0.0
31/03/2024 0:40					0.0
31/03/2024 0:50					0.0
31/03/2024 1:00					0.0
31/03/2024 1:10					0.0
31/03/2024 1:20					0.0
31/03/2024 1:30					0.0
31/03/2024 1:40					0.0
31/03/2024 1:50					0.0
31/03/2024 2:00					0.0
31/03/2024 2:10					0.0
31/03/2024 2:20					0.0
31/03/2024 2:30					0.0
31/03/2024 2:40					0.0
31/03/2024 2:50					0.0
31/03/2024 3:00					0.0
31/03/2024 3:10					0.0
31/03/2024 3:20					0.0
31/03/2024 3:30					0.0
31/03/2024 3:40					0.0
31/03/2024 3:50					0.0
31/03/2024 4:00					0.0
31/03/2024 4:10					0.0
31/03/2024 4:20					0.0
31/03/2024 4:30					0.0
31/03/2024 4:40					0.0
31/03/2024 4:50					0.0
31/03/2024 5:00					0.0
31/03/2024 5:10					0.0
31/03/2024 5:20					0.0
31/03/2024 5:30					0.0
31/03/2024 5:40					0.0
31/03/2024 5:50					0.0
31/03/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 6:10					0.0
31/03/2024 6:20					0.0
31/03/2024 6:30					0.0
31/03/2024 6:40					0.0
31/03/2024 6:50					0.0
31/03/2024 7:00					0.0
31/03/2024 7:10					0.0
31/03/2024 7:20					0.0
31/03/2024 7:30					0.0
31/03/2024 7:40					0.0
31/03/2024 7:50					0.0
31/03/2024 8:00					0.0
31/03/2024 8:10					0.0
31/03/2024 8:20					0.0
31/03/2024 8:30					0.0
31/03/2024 8:40					0.0
31/03/2024 8:50					0.0
31/03/2024 9:00					0.0
31/03/2024 9:10					0.0
31/03/2024 9:20					0.0
31/03/2024 9:30					0.0
31/03/2024 9:40					0.0
31/03/2024 9:50					0.0
31/03/2024 10:00					0.0
31/03/2024 10:10					0.0
31/03/2024 10:20					0.0
31/03/2024 10:30					0.0
31/03/2024 10:40					0.0
31/03/2024 10:50					0.0
31/03/2024 11:00					0.0
31/03/2024 11:10					0.0
31/03/2024 11:20					0.0
31/03/2024 11:30					0.0
31/03/2024 11:40					0.0
31/03/2024 11:50					0.0
31/03/2024 12:00					0.0
31/03/2024 12:10					0.0
31/03/2024 12:20					0.0
31/03/2024 12:30					0.0
31/03/2024 12:40					0.0
31/03/2024 12:50					0.0
31/03/2024 13:00					0.0
31/03/2024 13:10					0.0
31/03/2024 13:20					0.0
31/03/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 13:40					0.0
31/03/2024 13:50					0.0
31/03/2024 14:00					0.0
31/03/2024 14:10					0.0
31/03/2024 14:20					0.0
31/03/2024 14:30					0.0
31/03/2024 14:40					0.0
31/03/2024 14:50					0.0
31/03/2024 15:00					0.0
31/03/2024 15:10					0.0
31/03/2024 15:20					0.0
31/03/2024 15:30					0.0
31/03/2024 15:40					0.0
31/03/2024 15:50					0.0
31/03/2024 16:00					0.0
31/03/2024 16:10					0.0
31/03/2024 16:20					0.0
31/03/2024 16:30					0.0
31/03/2024 16:40					0.0
31/03/2024 16:50					0.0
31/03/2024 17:00					0.0
31/03/2024 17:10					0.0
31/03/2024 17:20					0.0
31/03/2024 17:30					0.0
31/03/2024 17:40					0.0
31/03/2024 17:50					0.0
31/03/2024 18:00					0.0
31/03/2024 18:10					0.0
31/03/2024 18:20					0.0
31/03/2024 18:30					0.0
31/03/2024 18:40					0.0
31/03/2024 18:50					0.0
31/03/2024 19:00					0.0
31/03/2024 19:10					0.0
31/03/2024 19:20					0.0
31/03/2024 19:30					0.0
31/03/2024 19:40					0.0
31/03/2024 19:50					0.0
31/03/2024 20:00					0.0
31/03/2024 20:10					0.0
31/03/2024 20:20					0.0
31/03/2024 20:30					0.0
31/03/2024 20:40					0.0
31/03/2024 20:50					0.0
31/03/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/03/2024 21:10					0.0
31/03/2024 21:20					0.0
31/03/2024 21:30					0.0
31/03/2024 21:40					0.0
31/03/2024 21:50					0.0
31/03/2024 22:00					0.0
31/03/2024 22:10					0.0
31/03/2024 22:20					0.0
31/03/2024 22:30					0.0
31/03/2024 22:40					0.0
31/03/2024 22:50					0.0
31/03/2024 23:00					0.0
31/03/2024 23:10					0.0
31/03/2024 23:20					0.0
31/03/2024 23:30					0.0
31/03/2024 23:40					0.0
31/03/2024 23:50					0.0
1/04/2024 0:00					0.0
1/04/2024 0:10					0.0
1/04/2024 0:20					0.0
1/04/2024 0:30					0.0
1/04/2024 0:40					0.0
1/04/2024 0:50					0.0
1/04/2024 1:00					0.0
1/04/2024 1:10					0.0
1/04/2024 1:20					0.0
1/04/2024 1:30					0.0
1/04/2024 1:40					0.0
1/04/2024 1:50					0.0
1/04/2024 2:00					0.0
1/04/2024 2:10					0.0
1/04/2024 2:20					0.0
1/04/2024 2:30					0.0
1/04/2024 2:40					0.0
1/04/2024 2:50					0.0
1/04/2024 3:00					0.0
1/04/2024 3:10					0.0
1/04/2024 3:20					0.0
1/04/2024 3:30					0.0
1/04/2024 3:40					0.0
1/04/2024 3:50					0.0
1/04/2024 4:00					0.0
1/04/2024 4:10					0.0
1/04/2024 4:20					0.0
1/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/04/2024 4:40					0.0
1/04/2024 4:50					0.0
1/04/2024 5:00					0.0
1/04/2024 5:10					0.0
1/04/2024 5:20					0.0
1/04/2024 5:30					0.0
1/04/2024 5:40					0.0
1/04/2024 5:50					0.0
1/04/2024 6:00					0.0
1/04/2024 6:10					0.0
1/04/2024 6:20					0.0
1/04/2024 6:30					0.0
1/04/2024 6:40					0.0
1/04/2024 6:50					0.0
1/04/2024 7:00					0.0
1/04/2024 7:10					0.0
1/04/2024 7:20					0.0
1/04/2024 7:30					0.0
1/04/2024 7:40					0.0
1/04/2024 7:50					0.0
1/04/2024 8:00					0.0
1/04/2024 8:10					0.0
1/04/2024 8:20					0.0
1/04/2024 8:30					0.0
1/04/2024 8:40					0.0
1/04/2024 8:50					0.0
1/04/2024 9:00					0.0
1/04/2024 9:10					0.0
1/04/2024 9:20					0.0
1/04/2024 9:30					0.0
1/04/2024 9:40					0.0
1/04/2024 9:50					0.0
1/04/2024 10:00					0.0
1/04/2024 10:10					0.0
1/04/2024 10:20					0.0
1/04/2024 10:30					0.0
1/04/2024 10:40					0.0
1/04/2024 10:50					0.0
1/04/2024 11:00					0.0
1/04/2024 11:10					0.0
1/04/2024 11:20					0.0
1/04/2024 11:30					0.0
1/04/2024 11:40					0.0
1/04/2024 11:50					0.0
1/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/04/2024 12:10					0.0
1/04/2024 12:20					0.0
1/04/2024 12:30					0.0
1/04/2024 12:40					0.0
1/04/2024 12:50					0.0
1/04/2024 13:00					0.0
1/04/2024 13:10					0.0
1/04/2024 13:20					0.0
1/04/2024 13:30					0.0
1/04/2024 13:40					0.0
1/04/2024 13:50					0.0
1/04/2024 14:00					0.0
1/04/2024 14:10					0.0
1/04/2024 14:20					0.0
1/04/2024 14:30					0.0
1/04/2024 14:40					0.0
1/04/2024 14:50					0.0
1/04/2024 15:00					0.0
1/04/2024 15:10					0.0
1/04/2024 15:20					0.0
1/04/2024 15:30					0.0
1/04/2024 15:40					0.0
1/04/2024 15:50					0.0
1/04/2024 16:00					0.0
1/04/2024 16:10					0.0
1/04/2024 16:20					0.0
1/04/2024 16:30					0.0
1/04/2024 16:40					0.0
1/04/2024 16:50					0.0
1/04/2024 17:00					0.0
1/04/2024 17:10					0.0
1/04/2024 17:20					0.0
1/04/2024 17:30					0.0
1/04/2024 17:40					0.0
1/04/2024 17:50					0.0
1/04/2024 18:00					0.0
1/04/2024 18:10					0.0
1/04/2024 18:20					0.0
1/04/2024 18:30					0.0
1/04/2024 18:40					0.0
1/04/2024 18:50					0.0
1/04/2024 19:00					0.0
1/04/2024 19:10					0.0
1/04/2024 19:20					0.0
1/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/04/2024 19:40					0.0
1/04/2024 19:50					0.0
1/04/2024 20:00					0.0
1/04/2024 20:10					0.0
1/04/2024 20:20					0.0
1/04/2024 20:30					0.0
1/04/2024 20:40					0.0
1/04/2024 20:50					0.0
1/04/2024 21:00					0.0
1/04/2024 21:10					0.0
1/04/2024 21:20					0.0
1/04/2024 21:30					0.0
1/04/2024 21:40					0.0
1/04/2024 21:50					0.0
1/04/2024 22:00					0.0
1/04/2024 22:10					0.0
1/04/2024 22:20					0.0
1/04/2024 22:30					0.0
1/04/2024 22:40					0.0
1/04/2024 22:50					0.0
1/04/2024 23:00					0.0
1/04/2024 23:10					0.0
1/04/2024 23:20					0.0
1/04/2024 23:30					0.0
1/04/2024 23:40					0.0
1/04/2024 23:50					0.0
2/04/2024 0:00					0.0
2/04/2024 0:10					0.0
2/04/2024 0:20					0.0
2/04/2024 0:30					0.0
2/04/2024 0:40					0.0
2/04/2024 0:50					0.0
2/04/2024 1:00					0.0
2/04/2024 1:10					0.0
2/04/2024 1:20					0.0
2/04/2024 1:30					0.0
2/04/2024 1:40					0.0
2/04/2024 1:50					0.0
2/04/2024 2:00					0.0
2/04/2024 2:10					0.0
2/04/2024 2:20					0.0
2/04/2024 2:30					0.0
2/04/2024 2:40					0.0
2/04/2024 2:50					0.0
2/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/04/2024 3:10					0.0
2/04/2024 3:20					0.0
2/04/2024 3:30					0.0
2/04/2024 3:40					0.0
2/04/2024 3:50					0.0
2/04/2024 4:00					0.0
2/04/2024 4:10					0.0
2/04/2024 4:20					0.0
2/04/2024 4:30					0.0
2/04/2024 4:40					0.0
2/04/2024 4:50					0.0
2/04/2024 5:00					0.0
2/04/2024 5:10					0.0
2/04/2024 5:20					0.0
2/04/2024 5:30					0.0
2/04/2024 5:40					0.0
2/04/2024 5:50					0.0
2/04/2024 6:00					0.0
2/04/2024 6:10					0.0
2/04/2024 6:20					0.0
2/04/2024 6:30					0.0
2/04/2024 6:40					0.0
2/04/2024 6:50					0.0
2/04/2024 7:00					0.0
2/04/2024 7:10					0.0
2/04/2024 7:20					0.0
2/04/2024 7:30					0.0
2/04/2024 7:40					0.0
2/04/2024 7:50					0.0
2/04/2024 8:00					0.0
2/04/2024 8:10					0.0
2/04/2024 8:20					0.0
2/04/2024 8:30					0.0
2/04/2024 8:40					0.0
2/04/2024 8:50					0.0
2/04/2024 9:00					0.0
2/04/2024 9:10					0.0
2/04/2024 9:20					0.0
2/04/2024 9:30					0.0
2/04/2024 9:40					0.0
2/04/2024 9:50					0.0
2/04/2024 10:00					0.0
2/04/2024 10:10					0.0
2/04/2024 10:20					0.0
2/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/04/2024 10:40					0.0
2/04/2024 10:50					0.0
2/04/2024 11:00					0.0
2/04/2024 11:10					0.0
2/04/2024 11:20					0.0
2/04/2024 11:30					0.0
2/04/2024 11:40					0.0
2/04/2024 11:50					0.0
2/04/2024 12:00					0.1
2/04/2024 12:10					0.0
2/04/2024 12:20					0.0
2/04/2024 12:30					0.0
2/04/2024 12:40					0.0
2/04/2024 12:50					0.0
2/04/2024 13:00					0.0
2/04/2024 13:10					0.0
2/04/2024 13:20					0.0
2/04/2024 13:30					0.0
2/04/2024 13:40					0.0
2/04/2024 13:50					0.0
2/04/2024 14:00					0.0
2/04/2024 14:10					0.0
2/04/2024 14:20					0.0
2/04/2024 14:30					0.0
2/04/2024 14:40					0.0
2/04/2024 14:50					0.0
2/04/2024 15:00					0.0
2/04/2024 15:10					0.0
2/04/2024 15:20					0.0
2/04/2024 15:30					0.0
2/04/2024 15:40					0.0
2/04/2024 15:50					0.0
2/04/2024 16:00					0.0
2/04/2024 16:10					0.0
2/04/2024 16:20					0.0
2/04/2024 16:30					0.0
2/04/2024 16:40					0.0
2/04/2024 16:50					0.0
2/04/2024 17:00					0.0
2/04/2024 17:10					0.0
2/04/2024 17:20					0.0
2/04/2024 17:30					0.0
2/04/2024 17:40					0.0
2/04/2024 17:50					0.0
2/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/04/2024 18:10					0.0
2/04/2024 18:20					0.0
2/04/2024 18:30					0.0
2/04/2024 18:40					0.0
2/04/2024 18:50					0.0
2/04/2024 19:00					0.0
2/04/2024 19:10					0.0
2/04/2024 19:20					0.0
2/04/2024 19:30					0.0
2/04/2024 19:40					0.0
2/04/2024 19:50					0.0
2/04/2024 20:00					0.0
2/04/2024 20:10					0.0
2/04/2024 20:20					0.0
2/04/2024 20:30					0.0
2/04/2024 20:40					0.0
2/04/2024 20:50					0.0
2/04/2024 21:00					0.0
2/04/2024 21:10					0.0
2/04/2024 21:20					0.0
2/04/2024 21:30					0.0
2/04/2024 21:40					0.0
2/04/2024 21:50					0.0
2/04/2024 22:00					0.0
2/04/2024 22:10					0.0
2/04/2024 22:20					0.0
2/04/2024 22:30					0.0
2/04/2024 22:40					0.0
2/04/2024 22:50					0.0
2/04/2024 23:00					0.0
2/04/2024 23:10					0.0
2/04/2024 23:20					0.0
2/04/2024 23:30					0.0
2/04/2024 23:40					0.0
2/04/2024 23:50					0.0
3/04/2024 0:00					0.0
3/04/2024 0:10					0.0
3/04/2024 0:20					0.0
3/04/2024 0:30					0.0
3/04/2024 0:40					0.0
3/04/2024 0:50					0.0
3/04/2024 1:00					0.0
3/04/2024 1:10					0.0
3/04/2024 1:20					0.0
3/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/04/2024 1:40					0.0
3/04/2024 1:50					0.0
3/04/2024 2:00					0.0
3/04/2024 2:10					0.0
3/04/2024 2:20					0.0
3/04/2024 2:30					0.0
3/04/2024 2:40					0.0
3/04/2024 2:50					0.0
3/04/2024 3:00					0.0
3/04/2024 3:10					0.0
3/04/2024 3:20					0.0
3/04/2024 3:30					0.0
3/04/2024 3:40					0.0
3/04/2024 3:50					0.0
3/04/2024 4:00					0.0
3/04/2024 4:10					0.0
3/04/2024 4:20					0.0
3/04/2024 4:30					0.0
3/04/2024 4:40					0.0
3/04/2024 4:50					0.0
3/04/2024 5:00					0.0
3/04/2024 5:10					0.0
3/04/2024 5:20					0.0
3/04/2024 5:30					0.0
3/04/2024 5:40					0.0
3/04/2024 5:50					0.0
3/04/2024 6:00					0.0
3/04/2024 6:10					0.0
3/04/2024 6:20					0.0
3/04/2024 6:30					0.0
3/04/2024 6:40					0.0
3/04/2024 6:50					0.0
3/04/2024 7:00					0.0
3/04/2024 7:10					0.0
3/04/2024 7:20					0.0
3/04/2024 7:30					0.0
3/04/2024 7:40					0.0
3/04/2024 7:50					0.0
3/04/2024 8:00					0.0
3/04/2024 8:10					0.0
3/04/2024 8:20					0.0
3/04/2024 8:30					0.0
3/04/2024 8:40					0.0
3/04/2024 8:50					0.0
3/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/04/2024 9:10					0.0
3/04/2024 9:20					0.0
3/04/2024 9:30					0.0
3/04/2024 9:40					0.0
3/04/2024 9:50					0.0
3/04/2024 10:00					0.0
3/04/2024 10:10					0.0
3/04/2024 10:20					0.0
3/04/2024 10:30					0.0
3/04/2024 10:40					0.0
3/04/2024 10:50					0.0
3/04/2024 11:00					0.0
3/04/2024 11:10					0.0
3/04/2024 11:20					0.0
3/04/2024 11:30					0.0
3/04/2024 11:40					0.0
3/04/2024 11:50					0.0
3/04/2024 12:00					0.0
3/04/2024 12:10					0.0
3/04/2024 12:20					0.0
3/04/2024 12:30					0.0
3/04/2024 12:40					0.0
3/04/2024 12:50					0.0
3/04/2024 13:00					0.0
3/04/2024 13:10					0.0
3/04/2024 13:20					0.0
3/04/2024 13:30					0.0
3/04/2024 13:40					0.0
3/04/2024 13:50					0.0
3/04/2024 14:00					0.0
3/04/2024 14:10					0.0
3/04/2024 14:20					0.0
3/04/2024 14:30					0.0
3/04/2024 14:40					0.0
3/04/2024 14:50					0.0
3/04/2024 15:00					0.0
3/04/2024 15:10					0.0
3/04/2024 15:20					0.0
3/04/2024 15:30					0.0
3/04/2024 15:40					0.0
3/04/2024 15:50					0.0
3/04/2024 16:00					0.0
3/04/2024 16:10					0.0
3/04/2024 16:20					0.0
3/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/04/2024 16:40					0.0
3/04/2024 16:50					0.0
3/04/2024 17:00					0.0
3/04/2024 17:10					0.0
3/04/2024 17:20					0.0
3/04/2024 17:30					0.0
3/04/2024 17:40					0.0
3/04/2024 17:50					0.0
3/04/2024 18:00					0.0
3/04/2024 18:10					0.0
3/04/2024 18:20					0.0
3/04/2024 18:30					0.0
3/04/2024 18:40					0.0
3/04/2024 18:50					0.0
3/04/2024 19:00					0.0
3/04/2024 19:10					0.0
3/04/2024 19:20					0.0
3/04/2024 19:30					0.0
3/04/2024 19:40					0.0
3/04/2024 19:50					0.0
3/04/2024 20:00					0.0
3/04/2024 20:10					0.0
3/04/2024 20:20					0.0
3/04/2024 20:30					0.0
3/04/2024 20:40					0.0
3/04/2024 20:50					0.0
3/04/2024 21:00					0.0
3/04/2024 21:10					0.0
3/04/2024 21:20					0.0
3/04/2024 21:30					0.0
3/04/2024 21:40					0.0
3/04/2024 21:50					0.0
3/04/2024 22:00					0.0
3/04/2024 22:10					0.0
3/04/2024 22:20					0.0
3/04/2024 22:30					0.0
3/04/2024 22:40					0.0
3/04/2024 22:50					0.0
3/04/2024 23:00					0.0
3/04/2024 23:10					0.0
3/04/2024 23:20					0.0
3/04/2024 23:30					0.0
3/04/2024 23:40					0.0
3/04/2024 23:50					0.0
4/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/04/2024 0:10					0.0
4/04/2024 0:20					0.0
4/04/2024 0:30					0.0
4/04/2024 0:40					0.0
4/04/2024 0:50					0.0
4/04/2024 1:00					0.0
4/04/2024 1:10					0.0
4/04/2024 1:20					0.0
4/04/2024 1:30					0.0
4/04/2024 1:40					0.0
4/04/2024 1:50					0.0
4/04/2024 2:00					0.0
4/04/2024 2:10					0.0
4/04/2024 2:20					0.0
4/04/2024 2:30					0.0
4/04/2024 2:40					0.0
4/04/2024 2:50					0.0
4/04/2024 3:00					0.0
4/04/2024 3:10					0.0
4/04/2024 3:20					0.0
4/04/2024 3:30					0.0
4/04/2024 3:40					0.0
4/04/2024 3:50					0.0
4/04/2024 4:00					0.0
4/04/2024 4:10					0.0
4/04/2024 4:20					0.0
4/04/2024 4:30					0.0
4/04/2024 4:40					0.0
4/04/2024 4:50					0.0
4/04/2024 5:00					0.0
4/04/2024 5:10					0.0
4/04/2024 5:20					0.0
4/04/2024 5:30					0.0
4/04/2024 5:40					0.0
4/04/2024 5:50					0.0
4/04/2024 6:00					0.0
4/04/2024 6:10					0.0
4/04/2024 6:20					0.0
4/04/2024 6:30					0.0
4/04/2024 6:40					0.0
4/04/2024 6:50					0.0
4/04/2024 7:00					0.0
4/04/2024 7:10					0.0
4/04/2024 7:20					0.0
4/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/04/2024 7:40					0.0
4/04/2024 7:50					0.0
4/04/2024 8:00					0.0
4/04/2024 8:10					0.0
4/04/2024 8:20					0.0
4/04/2024 8:30					0.0
4/04/2024 8:40					0.0
4/04/2024 8:50					0.0
4/04/2024 9:00					0.0
4/04/2024 9:10					0.0
4/04/2024 9:20					0.0
4/04/2024 9:30					0.0
4/04/2024 9:40					0.0
4/04/2024 9:50					0.0
4/04/2024 10:00					0.0
4/04/2024 10:10					0.0
4/04/2024 10:20					0.0
4/04/2024 10:30					0.0
4/04/2024 10:40					0.0
4/04/2024 10:50					0.0
4/04/2024 11:00					0.0
4/04/2024 11:10					0.0
4/04/2024 11:20					0.0
4/04/2024 11:30					0.0
4/04/2024 11:40					0.0
4/04/2024 11:50					0.0
4/04/2024 12:00					0.0
4/04/2024 12:10					0.0
4/04/2024 12:20					0.0
4/04/2024 12:30					0.0
4/04/2024 12:40					0.0
4/04/2024 12:50					0.0
4/04/2024 13:00					0.0
4/04/2024 13:10					0.0
4/04/2024 13:20					0.0
4/04/2024 13:30					0.0
4/04/2024 13:40					0.0
4/04/2024 13:50					0.0
4/04/2024 14:00					0.0
4/04/2024 14:10					0.0
4/04/2024 14:20					0.0
4/04/2024 14:30					0.0
4/04/2024 14:40					0.0
4/04/2024 14:50					0.0
4/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/04/2024 15:10					0.0
4/04/2024 15:20					0.0
4/04/2024 15:30					0.0
4/04/2024 15:40					0.0
4/04/2024 15:50					0.0
4/04/2024 16:00					0.0
4/04/2024 16:10					0.0
4/04/2024 16:20					0.0
4/04/2024 16:30					0.0
4/04/2024 16:40					0.0
4/04/2024 16:50					0.0
4/04/2024 17:00					0.0
4/04/2024 17:10					0.0
4/04/2024 17:20					0.0
4/04/2024 17:30					0.0
4/04/2024 17:40					0.0
4/04/2024 17:50					0.0
4/04/2024 18:00					0.0
4/04/2024 18:10					0.0
4/04/2024 18:20					0.0
4/04/2024 18:30					0.0
4/04/2024 18:40					0.0
4/04/2024 18:50					0.0
4/04/2024 19:00					0.0
4/04/2024 19:10					0.0
4/04/2024 19:20					0.0
4/04/2024 19:30					0.0
4/04/2024 19:40					0.0
4/04/2024 19:50					0.0
4/04/2024 20:00					0.0
4/04/2024 20:10					0.0
4/04/2024 20:20					0.0
4/04/2024 20:30					0.0
4/04/2024 20:40					0.0
4/04/2024 20:50					0.0
4/04/2024 21:00					0.0
4/04/2024 21:10					0.0
4/04/2024 21:20					0.0
4/04/2024 21:30					0.0
4/04/2024 21:40					0.0
4/04/2024 21:50					0.0
4/04/2024 22:00					0.0
4/04/2024 22:10					0.0
4/04/2024 22:20					0.0
4/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/04/2024 22:40					0.0
4/04/2024 22:50					0.0
4/04/2024 23:00					0.0
4/04/2024 23:10					0.0
4/04/2024 23:20					0.0
4/04/2024 23:30					0.0
4/04/2024 23:40					0.0
4/04/2024 23:50					0.0
5/04/2024 0:00					0.0
5/04/2024 0:10					0.0
5/04/2024 0:20					0.0
5/04/2024 0:30					0.0
5/04/2024 0:40					0.0
5/04/2024 0:50					0.0
5/04/2024 1:00					0.0
5/04/2024 1:10					0.0
5/04/2024 1:20					0.0
5/04/2024 1:30					0.0
5/04/2024 1:40					0.0
5/04/2024 1:50					0.0
5/04/2024 2:00					0.0
5/04/2024 2:10					0.0
5/04/2024 2:20					0.0
5/04/2024 2:30					0.0
5/04/2024 2:40					0.0
5/04/2024 2:50					0.0
5/04/2024 3:00					0.0
5/04/2024 3:10					0.0
5/04/2024 3:20					0.0
5/04/2024 3:30					0.0
5/04/2024 3:40					0.0
5/04/2024 3:50					0.0
5/04/2024 4:00					0.0
5/04/2024 4:10					0.0
5/04/2024 4:20					0.0
5/04/2024 4:30					0.0
5/04/2024 4:40					0.0
5/04/2024 4:50					0.0
5/04/2024 5:00					0.0
5/04/2024 5:10					0.0
5/04/2024 5:20					0.0
5/04/2024 5:30					0.0
5/04/2024 5:40					0.0
5/04/2024 5:50					0.0
5/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/04/2024 6:10					0.0
5/04/2024 6:20					0.0
5/04/2024 6:30					0.0
5/04/2024 6:40					0.0
5/04/2024 6:50					0.0
5/04/2024 7:00					0.0
5/04/2024 7:10					0.0
5/04/2024 7:20					0.0
5/04/2024 7:30					0.0
5/04/2024 7:40					0.0
5/04/2024 7:50					0.0
5/04/2024 8:00					0.0
5/04/2024 8:10					0.0
5/04/2024 8:20					0.0
5/04/2024 8:30					0.0
5/04/2024 8:40					0.0
5/04/2024 8:50					0.0
5/04/2024 9:00					0.0
5/04/2024 9:10					0.0
5/04/2024 9:20					0.0
5/04/2024 9:30					0.0
5/04/2024 9:40					0.0
5/04/2024 9:50					0.0
5/04/2024 10:00					0.0
5/04/2024 10:10					0.0
5/04/2024 10:20					0.0
5/04/2024 10:30					0.0
5/04/2024 10:40					0.0
5/04/2024 10:50					0.0
5/04/2024 11:00					0.0
5/04/2024 11:10					0.0
5/04/2024 11:20					0.0
5/04/2024 11:30					0.0
5/04/2024 11:40					0.0
5/04/2024 11:50					0.0
5/04/2024 12:00					0.0
5/04/2024 12:10					0.0
5/04/2024 12:20					0.0
5/04/2024 12:30					0.0
5/04/2024 12:40					0.0
5/04/2024 12:50					0.0
5/04/2024 13:00					0.0
5/04/2024 13:10					0.0
5/04/2024 13:20					0.0
5/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/04/2024 13:40					0.0
5/04/2024 13:50					0.0
5/04/2024 14:00					0.0
5/04/2024 14:10					0.0
5/04/2024 14:20					0.0
5/04/2024 14:30					0.0
5/04/2024 14:40					0.0
5/04/2024 14:50					0.0
5/04/2024 15:00					0.0
5/04/2024 15:10					0.0
5/04/2024 15:20					0.0
5/04/2024 15:30					0.0
5/04/2024 15:40					0.0
5/04/2024 15:50					0.0
5/04/2024 16:00					0.0
5/04/2024 16:10					0.0
5/04/2024 16:20					0.0
5/04/2024 16:30					0.0
5/04/2024 16:40					0.0
5/04/2024 16:50					0.0
5/04/2024 17:00					0.0
5/04/2024 17:10					0.0
5/04/2024 17:20					0.0
5/04/2024 17:30					0.0
5/04/2024 17:40					0.0
5/04/2024 17:50					0.0
5/04/2024 18:00					0.0
5/04/2024 18:10					0.0
5/04/2024 18:20					0.0
5/04/2024 18:30					0.0
5/04/2024 18:40					0.0
5/04/2024 18:50					0.0
5/04/2024 19:00					0.0
5/04/2024 19:10					0.0
5/04/2024 19:20					0.0
5/04/2024 19:30					0.0
5/04/2024 19:40					0.0
5/04/2024 19:50					0.0
5/04/2024 20:00					0.0
5/04/2024 20:10					0.0
5/04/2024 20:20					0.0
5/04/2024 20:30					0.0
5/04/2024 20:40					0.0
5/04/2024 20:50					0.0
5/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/04/2024 21:10					0.0
5/04/2024 21:20					0.0
5/04/2024 21:30					0.0
5/04/2024 21:40					0.0
5/04/2024 21:50					0.0
5/04/2024 22:00					0.0
5/04/2024 22:10					0.0
5/04/2024 22:20					0.0
5/04/2024 22:30					0.0
5/04/2024 22:40					0.0
5/04/2024 22:50					0.0
5/04/2024 23:00					0.0
5/04/2024 23:10					0.0
5/04/2024 23:20					0.0
5/04/2024 23:30					0.0
5/04/2024 23:40					0.0
5/04/2024 23:50					0.0
6/04/2024 0:00					0.0
6/04/2024 0:10					0.0
6/04/2024 0:20					0.0
6/04/2024 0:30					0.0
6/04/2024 0:40					0.0
6/04/2024 0:50					0.0
6/04/2024 1:00					0.0
6/04/2024 1:10					0.0
6/04/2024 1:20					0.0
6/04/2024 1:30					0.0
6/04/2024 1:40					0.0
6/04/2024 1:50					0.0
6/04/2024 2:00					0.0
6/04/2024 2:10					0.0
6/04/2024 2:20					0.0
6/04/2024 2:30					0.0
6/04/2024 2:40					0.0
6/04/2024 2:50					0.0
6/04/2024 3:00					0.0
6/04/2024 3:10					0.0
6/04/2024 3:20					0.0
6/04/2024 3:30					0.0
6/04/2024 3:40					0.0
6/04/2024 3:50					0.0
6/04/2024 4:00					0.0
6/04/2024 4:10					0.0
6/04/2024 4:20					0.0
6/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/04/2024 4:40					0.0
6/04/2024 4:50					0.0
6/04/2024 5:00					0.0
6/04/2024 5:10					0.0
6/04/2024 5:20					0.0
6/04/2024 5:30					0.0
6/04/2024 5:40					0.0
6/04/2024 5:50					0.0
6/04/2024 6:00					0.0
6/04/2024 6:10					0.0
6/04/2024 6:20					0.0
6/04/2024 6:30					0.0
6/04/2024 6:40					0.0
6/04/2024 6:50					0.0
6/04/2024 7:00					0.0
6/04/2024 7:10					0.0
6/04/2024 7:20					0.0
6/04/2024 7:30					0.0
6/04/2024 7:40					0.0
6/04/2024 7:50					0.0
6/04/2024 8:00					0.0
6/04/2024 8:10					0.0
6/04/2024 8:20					0.0
6/04/2024 8:30					0.0
6/04/2024 8:40					0.0
6/04/2024 8:50					0.0
6/04/2024 9:00					0.0
6/04/2024 9:10					0.0
6/04/2024 9:20					0.0
6/04/2024 9:30					0.0
6/04/2024 9:40					0.0
6/04/2024 9:50					0.0
6/04/2024 10:00					0.0
6/04/2024 10:10					0.0
6/04/2024 10:20					0.0
6/04/2024 10:30					0.0
6/04/2024 10:40					0.0
6/04/2024 10:50					0.0
6/04/2024 11:00					0.0
6/04/2024 11:10					0.0
6/04/2024 11:20					0.0
6/04/2024 11:30					0.0
6/04/2024 11:40					0.0
6/04/2024 11:50					0.0
6/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/04/2024 12:10					0.0
6/04/2024 12:20					0.0
6/04/2024 12:30					0.0
6/04/2024 12:40					0.0
6/04/2024 12:50					0.0
6/04/2024 13:00					0.0
6/04/2024 13:10					0.0
6/04/2024 13:20					0.0
6/04/2024 13:30					0.0
6/04/2024 13:40					0.0
6/04/2024 13:50					0.0
6/04/2024 14:00					0.0
6/04/2024 14:10					0.0
6/04/2024 14:20					0.0
6/04/2024 14:30					0.0
6/04/2024 14:40					0.0
6/04/2024 14:50					0.0
6/04/2024 15:00					0.0
6/04/2024 15:10					0.0
6/04/2024 15:20					0.0
6/04/2024 15:30					0.0
6/04/2024 15:40					0.0
6/04/2024 15:50					0.0
6/04/2024 16:00					0.0
6/04/2024 16:10					0.0
6/04/2024 16:20					0.0
6/04/2024 16:30					0.0
6/04/2024 16:40					0.0
6/04/2024 16:50					0.0
6/04/2024 17:00					0.0
6/04/2024 17:10					0.0
6/04/2024 17:20					0.0
6/04/2024 17:30					0.0
6/04/2024 17:40					0.0
6/04/2024 17:50					0.0
6/04/2024 18:00					0.0
6/04/2024 18:10					0.0
6/04/2024 18:20					0.0
6/04/2024 18:30					0.0
6/04/2024 18:40					0.0
6/04/2024 18:50					0.0
6/04/2024 19:00					0.0
6/04/2024 19:10					0.0
6/04/2024 19:20					0.0
6/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/04/2024 19:40					0.0
6/04/2024 19:50					0.0
6/04/2024 20:00					0.0
6/04/2024 20:10					0.0
6/04/2024 20:20					0.0
6/04/2024 20:30					0.0
6/04/2024 20:40					0.0
6/04/2024 20:50					0.0
6/04/2024 21:00					0.0
6/04/2024 21:10					0.0
6/04/2024 21:20					0.0
6/04/2024 21:30					0.0
6/04/2024 21:40					0.0
6/04/2024 21:50					0.0
6/04/2024 22:00					0.0
6/04/2024 22:10					0.0
6/04/2024 22:20					0.0
6/04/2024 22:30					0.0
6/04/2024 22:40					0.0
6/04/2024 22:50					0.0
6/04/2024 23:00					0.0
6/04/2024 23:10					0.0
6/04/2024 23:20					0.0
6/04/2024 23:30					0.0
6/04/2024 23:40					0.0
6/04/2024 23:50					0.0
7/04/2024 0:00					0.0
7/04/2024 0:10					0.0
7/04/2024 0:20					0.0
7/04/2024 0:30					0.0
7/04/2024 0:40					0.0
7/04/2024 0:50					0.0
7/04/2024 1:00					0.0
7/04/2024 1:10					0.0
7/04/2024 1:20					0.0
7/04/2024 1:30					0.0
7/04/2024 1:40					0.0
7/04/2024 1:50					0.0
7/04/2024 2:00					0.0
7/04/2024 2:10					0.0
7/04/2024 2:20					0.0
7/04/2024 2:30					0.0
7/04/2024 2:40					0.0
7/04/2024 2:50					0.0
7/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/04/2024 3:10					0.0
7/04/2024 3:20					0.0
7/04/2024 3:30					0.0
7/04/2024 3:40					0.0
7/04/2024 3:50					0.0
7/04/2024 4:00					0.0
7/04/2024 4:10					0.0
7/04/2024 4:20					0.0
7/04/2024 4:30					0.0
7/04/2024 4:40					0.0
7/04/2024 4:50					0.0
7/04/2024 5:00					0.0
7/04/2024 5:10					0.0
7/04/2024 5:20					0.0
7/04/2024 5:30					0.0
7/04/2024 5:40					0.0
7/04/2024 5:50					0.0
7/04/2024 6:00					0.0
7/04/2024 6:10					0.0
7/04/2024 6:20					0.0
7/04/2024 6:30					0.0
7/04/2024 6:40					0.0
7/04/2024 6:50					0.0
7/04/2024 7:00					0.0
7/04/2024 7:10					0.0
7/04/2024 7:20					0.0
7/04/2024 7:30					0.0
7/04/2024 7:40					0.0
7/04/2024 7:50					0.0
7/04/2024 8:00					0.0
7/04/2024 8:10					0.0
7/04/2024 8:20					0.0
7/04/2024 8:30					0.0
7/04/2024 8:40					0.0
7/04/2024 8:50					0.0
7/04/2024 9:00					0.0
7/04/2024 9:10					0.0
7/04/2024 9:20					0.0
7/04/2024 9:30					0.0
7/04/2024 9:40					0.0
7/04/2024 9:50					0.0
7/04/2024 10:00					0.0
7/04/2024 10:10					0.0
7/04/2024 10:20					0.0
7/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/04/2024 10:40					0.0
7/04/2024 10:50					0.0
7/04/2024 11:00					0.0
7/04/2024 11:10					0.0
7/04/2024 11:20					0.0
7/04/2024 11:30					0.0
7/04/2024 11:40					0.0
7/04/2024 11:50					0.0
7/04/2024 12:00					0.0
7/04/2024 12:10					0.0
7/04/2024 12:20					0.0
7/04/2024 12:30					0.0
7/04/2024 12:40					0.0
7/04/2024 12:50					0.0
7/04/2024 13:00					0.0
7/04/2024 13:10					0.0
7/04/2024 13:20					0.0
7/04/2024 13:30					0.0
7/04/2024 13:40					0.0
7/04/2024 13:50					0.0
7/04/2024 14:00					0.0
7/04/2024 14:10					0.0
7/04/2024 14:20					0.0
7/04/2024 14:30					0.0
7/04/2024 14:40					0.0
7/04/2024 14:50					0.0
7/04/2024 15:00					0.0
7/04/2024 15:10					0.0
7/04/2024 15:20					0.0
7/04/2024 15:30					0.0
7/04/2024 15:40					0.0
7/04/2024 15:50					0.0
7/04/2024 16:00					0.0
7/04/2024 16:10					0.0
7/04/2024 16:20					0.0
7/04/2024 16:30					0.0
7/04/2024 16:40					0.0
7/04/2024 16:50					0.0
7/04/2024 17:00					0.0
7/04/2024 17:10					0.0
7/04/2024 17:20					0.0
7/04/2024 17:30					0.0
7/04/2024 17:40					0.0
7/04/2024 17:50					0.0
7/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/04/2024 18:10					0.0
7/04/2024 18:20					0.0
7/04/2024 18:30					0.0
7/04/2024 18:40					0.0
7/04/2024 18:50					0.0
7/04/2024 19:00					0.0
7/04/2024 19:10					0.0
7/04/2024 19:20					0.0
7/04/2024 19:30					0.0
7/04/2024 19:40					0.0
7/04/2024 19:50					0.0
7/04/2024 20:00					0.0
7/04/2024 20:10					0.0
7/04/2024 20:20					0.0
7/04/2024 20:30					0.0
7/04/2024 20:40					0.0
7/04/2024 20:50					0.0
7/04/2024 21:00					0.0
7/04/2024 21:10					0.0
7/04/2024 21:20					0.0
7/04/2024 21:30					0.0
7/04/2024 21:40					0.0
7/04/2024 21:50					0.0
7/04/2024 22:00					0.0
7/04/2024 22:10					0.0
7/04/2024 22:20					0.0
7/04/2024 22:30					0.0
7/04/2024 22:40					0.0
7/04/2024 22:50					0.0
7/04/2024 23:00					0.0
7/04/2024 23:10					0.0
7/04/2024 23:20					0.0
7/04/2024 23:30					0.0
7/04/2024 23:40					0.0
7/04/2024 23:50					0.0
8/04/2024 0:00					0.0
8/04/2024 0:10					0.0
8/04/2024 0:20					0.0
8/04/2024 0:30					0.0
8/04/2024 0:40					0.0
8/04/2024 0:50					0.0
8/04/2024 1:00					0.0
8/04/2024 1:10					0.0
8/04/2024 1:20					0.0
8/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/04/2024 1:40					0.0
8/04/2024 1:50					0.0
8/04/2024 2:00					0.0
8/04/2024 2:10					0.0
8/04/2024 2:20					0.0
8/04/2024 2:30					0.0
8/04/2024 2:40					0.0
8/04/2024 2:50					0.0
8/04/2024 3:00					0.0
8/04/2024 3:10					0.0
8/04/2024 3:20					0.0
8/04/2024 3:30					0.0
8/04/2024 3:40					0.0
8/04/2024 3:50					0.0
8/04/2024 4:00					0.0
8/04/2024 4:10					0.0
8/04/2024 4:20					0.0
8/04/2024 4:30					0.0
8/04/2024 4:40					0.0
8/04/2024 4:50					0.0
8/04/2024 5:00					0.0
8/04/2024 5:10					0.0
8/04/2024 5:20					0.0
8/04/2024 5:30					0.0
8/04/2024 5:40					0.0
8/04/2024 5:50					0.0
8/04/2024 6:00					0.0
8/04/2024 6:10					0.0
8/04/2024 6:20					0.0
8/04/2024 6:30					0.0
8/04/2024 6:40					0.0
8/04/2024 6:50					0.0
8/04/2024 7:00					0.0
8/04/2024 7:10					0.0
8/04/2024 7:20					0.0
8/04/2024 7:30					0.0
8/04/2024 7:40					0.0
8/04/2024 7:50					0.0
8/04/2024 8:00					0.0
8/04/2024 8:10					0.0
8/04/2024 8:20					0.0
8/04/2024 8:30					0.0
8/04/2024 8:40					0.0
8/04/2024 8:50					0.0
8/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/04/2024 9:10					0.0
8/04/2024 9:20					0.0
8/04/2024 9:30					0.0
8/04/2024 9:40					0.0
8/04/2024 9:50					0.0
8/04/2024 10:00					0.0
8/04/2024 10:10					0.0
8/04/2024 10:20					0.0
8/04/2024 10:30					0.0
8/04/2024 10:40					0.0
8/04/2024 10:50					0.0
8/04/2024 11:00					0.0
8/04/2024 11:10					0.0
8/04/2024 11:20					0.0
8/04/2024 11:30					0.0
8/04/2024 11:40					0.0
8/04/2024 11:50					0.0
8/04/2024 12:00					0.0
8/04/2024 12:10					0.0
8/04/2024 12:20					0.0
8/04/2024 12:30					0.0
8/04/2024 12:40					0.0
8/04/2024 12:50					0.0
8/04/2024 13:00					0.0
8/04/2024 13:10					0.0
8/04/2024 13:20					0.0
8/04/2024 13:30					0.0
8/04/2024 13:40					0.0
8/04/2024 13:50					0.0
8/04/2024 14:00					0.0
8/04/2024 14:10					0.0
8/04/2024 14:20					0.0
8/04/2024 14:30					0.0
8/04/2024 14:40					0.0
8/04/2024 14:50					0.0
8/04/2024 15:00					0.0
8/04/2024 15:10					0.0
8/04/2024 15:20					0.0
8/04/2024 15:30					0.0
8/04/2024 15:40					0.0
8/04/2024 15:50					0.0
8/04/2024 16:00					0.0
8/04/2024 16:10					0.0
8/04/2024 16:20					0.0
8/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/04/2024 16:40					0.0
8/04/2024 16:50					0.0
8/04/2024 17:00					0.0
8/04/2024 17:10					0.0
8/04/2024 17:20					0.0
8/04/2024 17:30					0.0
8/04/2024 17:40					0.0
8/04/2024 17:50					0.0
8/04/2024 18:00					0.0
8/04/2024 18:10					0.0
8/04/2024 18:20					0.0
8/04/2024 18:30					0.0
8/04/2024 18:40					0.0
8/04/2024 18:50					0.0
8/04/2024 19:00					0.0
8/04/2024 19:10					0.0
8/04/2024 19:20					0.0
8/04/2024 19:30					0.0
8/04/2024 19:40					0.0
8/04/2024 19:50					0.0
8/04/2024 20:00					0.0
8/04/2024 20:10					0.0
8/04/2024 20:20					0.0
8/04/2024 20:30					0.0
8/04/2024 20:40					0.0
8/04/2024 20:50					0.0
8/04/2024 21:00					0.0
8/04/2024 21:10					0.0
8/04/2024 21:20					0.0
8/04/2024 21:30					0.0
8/04/2024 21:40					0.0
8/04/2024 21:50					0.0
8/04/2024 22:00					0.0
8/04/2024 22:10					0.0
8/04/2024 22:20					0.0
8/04/2024 22:30					0.0
8/04/2024 22:40					0.0
8/04/2024 22:50					0.0
8/04/2024 23:00					0.0
8/04/2024 23:10					0.0
8/04/2024 23:20					0.0
8/04/2024 23:30					0.0
8/04/2024 23:40					0.0
8/04/2024 23:50					0.0
9/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/04/2024 0:10					0.0
9/04/2024 0:20					0.0
9/04/2024 0:30					0.0
9/04/2024 0:40					0.0
9/04/2024 0:50					0.0
9/04/2024 1:00					0.0
9/04/2024 1:10					0.0
9/04/2024 1:20					0.0
9/04/2024 1:30					0.0
9/04/2024 1:40					0.0
9/04/2024 1:50					0.0
9/04/2024 2:00					0.0
9/04/2024 2:10					0.0
9/04/2024 2:20					0.0
9/04/2024 2:30					0.0
9/04/2024 2:40					0.0
9/04/2024 2:50					0.0
9/04/2024 3:00					0.0
9/04/2024 3:10					0.0
9/04/2024 3:20					0.0
9/04/2024 3:30					0.0
9/04/2024 3:40					0.0
9/04/2024 3:50					0.0
9/04/2024 4:00					0.0
9/04/2024 4:10					0.0
9/04/2024 4:20					0.0
9/04/2024 4:30					0.0
9/04/2024 4:40					0.0
9/04/2024 4:50					0.0
9/04/2024 5:00					0.0
9/04/2024 5:10					0.0
9/04/2024 5:20					0.0
9/04/2024 5:30					0.0
9/04/2024 5:40					0.0
9/04/2024 5:50					0.0
9/04/2024 6:00					0.0
9/04/2024 6:10					0.0
9/04/2024 6:20					0.0
9/04/2024 6:30					0.0
9/04/2024 6:40					0.0
9/04/2024 6:50					0.0
9/04/2024 7:00					0.0
9/04/2024 7:10					0.0
9/04/2024 7:20					0.0
9/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/04/2024 7:40					0.0
9/04/2024 7:50					0.0
9/04/2024 8:00					0.0
9/04/2024 8:10					0.0
9/04/2024 8:20					0.0
9/04/2024 8:30					0.0
9/04/2024 8:40					0.0
9/04/2024 8:50					0.0
9/04/2024 9:00					0.0
9/04/2024 9:10					0.0
9/04/2024 9:20					0.0
9/04/2024 9:30					0.0
9/04/2024 9:40					0.0
9/04/2024 9:50					0.0
9/04/2024 10:00					0.0
9/04/2024 10:10					0.0
9/04/2024 10:20					0.0
9/04/2024 10:30					0.0
9/04/2024 10:40					0.0
9/04/2024 10:50					0.0
9/04/2024 11:00					0.0
9/04/2024 11:10					0.0
9/04/2024 11:20					0.0
9/04/2024 11:30					0.0
9/04/2024 11:40					0.0
9/04/2024 11:50					0.0
9/04/2024 12:00					0.0
9/04/2024 12:10					0.0
9/04/2024 12:20					0.0
9/04/2024 12:30					0.0
9/04/2024 12:40					0.0
9/04/2024 12:50					0.0
9/04/2024 13:00					0.0
9/04/2024 13:10					0.0
9/04/2024 13:20					0.0
9/04/2024 13:30					0.0
9/04/2024 13:40					0.0
9/04/2024 13:50					0.0
9/04/2024 14:00					0.0
9/04/2024 14:10					0.0
9/04/2024 14:20					0.0
9/04/2024 14:30					0.0
9/04/2024 14:40					0.0
9/04/2024 14:50					0.0
9/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/04/2024 15:10					0.0
9/04/2024 15:20					0.0
9/04/2024 15:30					0.0
9/04/2024 15:40					0.0
9/04/2024 15:50					0.0
9/04/2024 16:00					0.0
9/04/2024 16:10					0.0
9/04/2024 16:20					0.0
9/04/2024 16:30					0.0
9/04/2024 16:40					0.0
9/04/2024 16:50					0.0
9/04/2024 17:00					0.0
9/04/2024 17:10					0.0
9/04/2024 17:20					0.1
9/04/2024 17:30					0.0
9/04/2024 17:40					0.0
9/04/2024 17:50					0.0
9/04/2024 18:00					0.0
9/04/2024 18:10					0.0
9/04/2024 18:20					0.0
9/04/2024 18:30					0.0
9/04/2024 18:40					0.0
9/04/2024 18:50					0.0
9/04/2024 19:00					0.0
9/04/2024 19:10					0.0
9/04/2024 19:20					0.0
9/04/2024 19:30					0.0
9/04/2024 19:40					0.0
9/04/2024 19:50					0.0
9/04/2024 20:00					0.0
9/04/2024 20:10					0.0
9/04/2024 20:20					0.0
9/04/2024 20:30					0.0
9/04/2024 20:40					0.0
9/04/2024 20:50					0.0
9/04/2024 21:00					0.0
9/04/2024 21:10					0.0
9/04/2024 21:20					0.0
9/04/2024 21:30					0.0
9/04/2024 21:40					0.0
9/04/2024 21:50					0.0
9/04/2024 22:00					0.0
9/04/2024 22:10					0.0
9/04/2024 22:20					0.0
9/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/04/2024 22:40					0.0
9/04/2024 22:50					0.0
9/04/2024 23:00					0.0
9/04/2024 23:10					0.0
9/04/2024 23:20					0.0
9/04/2024 23:30					0.0
9/04/2024 23:40					0.0
9/04/2024 23:50					0.0
10/04/2024 0:00					0.0
10/04/2024 0:10					0.0
10/04/2024 0:20					0.0
10/04/2024 0:30					0.0
10/04/2024 0:40					0.2
10/04/2024 0:50					0.0
10/04/2024 1:00					0.0
10/04/2024 1:10					0.0
10/04/2024 1:20					0.1
10/04/2024 1:30					0.0
10/04/2024 1:40					0.0
10/04/2024 1:50					0.1
10/04/2024 2:00					0.0
10/04/2024 2:10					0.0
10/04/2024 2:20					0.0
10/04/2024 2:30					0.1
10/04/2024 2:40					0.1
10/04/2024 2:50					0.1
10/04/2024 3:00					0.3
10/04/2024 3:10					0.3
10/04/2024 3:20					0.1
10/04/2024 3:30					0.1
10/04/2024 3:40					0.0
10/04/2024 3:50					0.0
10/04/2024 4:00					0.0
10/04/2024 4:10					0.0
10/04/2024 4:20					0.0
10/04/2024 4:30					0.0
10/04/2024 4:40					0.0
10/04/2024 4:50					0.0
10/04/2024 5:00					0.0
10/04/2024 5:10					0.0
10/04/2024 5:20					0.0
10/04/2024 5:30					0.0
10/04/2024 5:40					0.0
10/04/2024 5:50					0.0
10/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 6:10					0.0
10/04/2024 6:20					0.0
10/04/2024 6:30					0.0
10/04/2024 6:40					0.0
10/04/2024 6:50					0.1
10/04/2024 7:00					0.0
10/04/2024 7:10					0.0
10/04/2024 7:20					0.0
10/04/2024 7:30					0.0
10/04/2024 7:40					0.2
10/04/2024 7:50					0.2
10/04/2024 8:00					0.1
10/04/2024 8:10					0.0
10/04/2024 8:20					0.0
10/04/2024 8:30					0.1
10/04/2024 8:40					0.0
10/04/2024 8:50					0.0
10/04/2024 9:00					0.0
10/04/2024 9:10					0.0
10/04/2024 9:20					0.0
10/04/2024 9:30					0.0
10/04/2024 9:40					0.0
10/04/2024 9:50					0.0
10/04/2024 10:00					0.0
10/04/2024 10:10					0.0
10/04/2024 10:20					0.0
10/04/2024 10:30					0.0
10/04/2024 10:40					0.0
10/04/2024 10:50					0.0
10/04/2024 11:00					0.0
10/04/2024 11:10					0.0
10/04/2024 11:20					0.0
10/04/2024 11:30					0.0
10/04/2024 11:40					0.0
10/04/2024 11:50					0.0
10/04/2024 12:00					0.0
10/04/2024 12:10					0.0
10/04/2024 12:20					0.0
10/04/2024 12:30					0.0
10/04/2024 12:40					0.0
10/04/2024 12:50					0.0
10/04/2024 13:00					0.1
10/04/2024 13:10					0.0
10/04/2024 13:20					0.2
10/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 13:40					0.2
10/04/2024 13:50					0.0
10/04/2024 14:00					0.0
10/04/2024 14:10					0.0
10/04/2024 14:20					0.1
10/04/2024 14:30					0.1
10/04/2024 14:40					0.1
10/04/2024 14:50					0.0
10/04/2024 15:00					0.0
10/04/2024 15:10					0.1
10/04/2024 15:20					0.0
10/04/2024 15:30					0.1
10/04/2024 15:40					0.1
10/04/2024 15:50					0.0
10/04/2024 16:00					0.1
10/04/2024 16:10					0.0
10/04/2024 16:20					0.0
10/04/2024 16:30					0.0
10/04/2024 16:40					0.0
10/04/2024 16:50					0.0
10/04/2024 17:00					0.0
10/04/2024 17:10					0.0
10/04/2024 17:20					0.0
10/04/2024 17:30					0.0
10/04/2024 17:40					0.0
10/04/2024 17:50					0.0
10/04/2024 18:00					0.0
10/04/2024 18:10					0.0
10/04/2024 18:20					0.0
10/04/2024 18:30					0.0
10/04/2024 18:40					0.0
10/04/2024 18:50					0.1
10/04/2024 19:00					0.1
10/04/2024 19:10					0.2
10/04/2024 19:20					1.0
10/04/2024 19:30					0.6
10/04/2024 19:40					0.9
10/04/2024 19:50					4.1
10/04/2024 20:00					13.5
10/04/2024 20:10					0.4
10/04/2024 20:20					0.2
10/04/2024 20:30					0.0
10/04/2024 20:40					0.0
10/04/2024 20:50					0.0
10/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/04/2024 21:10					0.0
10/04/2024 21:20					0.0
10/04/2024 21:30					0.0
10/04/2024 21:40					0.0
10/04/2024 21:50					0.0
10/04/2024 22:00					0.0
10/04/2024 22:10					0.0
10/04/2024 22:20					0.1
10/04/2024 22:30					0.1
10/04/2024 22:40					0.6
10/04/2024 22:50					0.1
10/04/2024 23:00					0.0
10/04/2024 23:10					0.0
10/04/2024 23:20					0.0
10/04/2024 23:30					0.0
10/04/2024 23:40					0.0
10/04/2024 23:50					0.0
11/04/2024 0:00					0.0
11/04/2024 0:10					0.1
11/04/2024 0:20					0.0
11/04/2024 0:30					0.0
11/04/2024 0:40					0.0
11/04/2024 0:50					0.0
11/04/2024 1:00					0.0
11/04/2024 1:10					0.0
11/04/2024 1:20					0.0
11/04/2024 1:30					0.0
11/04/2024 1:40					0.0
11/04/2024 1:50					0.0
11/04/2024 2:00					0.0
11/04/2024 2:10					0.0
11/04/2024 2:20					0.0
11/04/2024 2:30					0.0
11/04/2024 2:40					0.0
11/04/2024 2:50					0.0
11/04/2024 3:00					0.0
11/04/2024 3:10					0.0
11/04/2024 3:20					0.0
11/04/2024 3:30					0.0
11/04/2024 3:40					0.0
11/04/2024 3:50					0.0
11/04/2024 4:00					0.0
11/04/2024 4:10					0.0
11/04/2024 4:20					0.0
11/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 4:40					0.0
11/04/2024 4:50					0.0
11/04/2024 5:00					0.0
11/04/2024 5:10					0.0
11/04/2024 5:20					0.0
11/04/2024 5:30					0.0
11/04/2024 5:40					0.0
11/04/2024 5:50					0.0
11/04/2024 6:00					0.0
11/04/2024 6:10					0.0
11/04/2024 6:20					0.0
11/04/2024 6:30					0.0
11/04/2024 6:40					0.1
11/04/2024 6:50					0.0
11/04/2024 7:00					0.0
11/04/2024 7:10					0.0
11/04/2024 7:20					0.0
11/04/2024 7:30					0.0
11/04/2024 7:40					0.0
11/04/2024 7:50					0.0
11/04/2024 8:00					0.0
11/04/2024 8:10					0.0
11/04/2024 8:20					0.0
11/04/2024 8:30					0.0
11/04/2024 8:40					0.0
11/04/2024 8:50					0.0
11/04/2024 9:00					0.0
11/04/2024 9:10					0.0
11/04/2024 9:20					0.0
11/04/2024 9:30					0.0
11/04/2024 9:40					0.0
11/04/2024 9:50					0.0
11/04/2024 10:00					0.0
11/04/2024 10:10					0.0
11/04/2024 10:20					0.0
11/04/2024 10:30					0.0
11/04/2024 10:40					0.0
11/04/2024 10:50					0.0
11/04/2024 11:00					0.0
11/04/2024 11:10					0.0
11/04/2024 11:20					0.0
11/04/2024 11:30					0.0
11/04/2024 11:40					0.0
11/04/2024 11:50					0.0
11/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 12:10					0.7
11/04/2024 12:20					1.0
11/04/2024 12:30					0.0
11/04/2024 12:40					0.0
11/04/2024 12:50					0.0
11/04/2024 13:00					0.0
11/04/2024 13:10					0.0
11/04/2024 13:20					0.0
11/04/2024 13:30					0.0
11/04/2024 13:40					0.0
11/04/2024 13:50					0.0
11/04/2024 14:00					0.0
11/04/2024 14:10					0.0
11/04/2024 14:20					0.0
11/04/2024 14:30					0.0
11/04/2024 14:40					0.0
11/04/2024 14:50					0.0
11/04/2024 15:00					0.0
11/04/2024 15:10					0.0
11/04/2024 15:20					0.0
11/04/2024 15:30					0.0
11/04/2024 15:40					0.0
11/04/2024 15:50					0.0
11/04/2024 16:00					0.0
11/04/2024 16:10					0.0
11/04/2024 16:20					0.0
11/04/2024 16:30					0.0
11/04/2024 16:40					0.0
11/04/2024 16:50					0.2
11/04/2024 17:00					0.1
11/04/2024 17:10					0.0
11/04/2024 17:20					0.0
11/04/2024 17:30					0.0
11/04/2024 17:40					0.0
11/04/2024 17:50					0.0
11/04/2024 18:00					0.0
11/04/2024 18:10					0.0
11/04/2024 18:20					0.0
11/04/2024 18:30					0.0
11/04/2024 18:40					0.0
11/04/2024 18:50					0.0
11/04/2024 19:00					0.0
11/04/2024 19:10					0.0
11/04/2024 19:20					0.0
11/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/04/2024 19:40					0.0
11/04/2024 19:50					0.0
11/04/2024 20:00					0.0
11/04/2024 20:10					0.0
11/04/2024 20:20					0.0
11/04/2024 20:30					0.0
11/04/2024 20:40					0.0
11/04/2024 20:50					0.0
11/04/2024 21:00					0.0
11/04/2024 21:10					0.0
11/04/2024 21:20					0.0
11/04/2024 21:30					0.0
11/04/2024 21:40					0.0
11/04/2024 21:50					0.0
11/04/2024 22:00					0.0
11/04/2024 22:10					0.0
11/04/2024 22:20					0.0
11/04/2024 22:30					0.0
11/04/2024 22:40					0.0
11/04/2024 22:50					0.0
11/04/2024 23:00					0.0
11/04/2024 23:10					0.0
11/04/2024 23:20					0.0
11/04/2024 23:30					0.0
11/04/2024 23:40					0.0
11/04/2024 23:50					0.0
12/04/2024 0:00					0.0
12/04/2024 0:10					0.0
12/04/2024 0:20					0.0
12/04/2024 0:30					0.0
12/04/2024 0:40					0.0
12/04/2024 0:50					0.0
12/04/2024 1:00					0.0
12/04/2024 1:10					0.0
12/04/2024 1:20					0.0
12/04/2024 1:30					0.0
12/04/2024 1:40					0.0
12/04/2024 1:50					0.0
12/04/2024 2:00					0.0
12/04/2024 2:10					0.0
12/04/2024 2:20					0.0
12/04/2024 2:30					0.0
12/04/2024 2:40					0.0
12/04/2024 2:50					0.0
12/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 3:10					0.0
12/04/2024 3:20					0.0
12/04/2024 3:30					0.0
12/04/2024 3:40					0.0
12/04/2024 3:50					0.0
12/04/2024 4:00					0.0
12/04/2024 4:10					0.0
12/04/2024 4:20					0.0
12/04/2024 4:30					0.0
12/04/2024 4:40					0.0
12/04/2024 4:50					0.0
12/04/2024 5:00					0.0
12/04/2024 5:10					0.0
12/04/2024 5:20					0.0
12/04/2024 5:30					0.0
12/04/2024 5:40					0.0
12/04/2024 5:50					0.0
12/04/2024 6:00					0.0
12/04/2024 6:10					0.0
12/04/2024 6:20					0.0
12/04/2024 6:30					0.0
12/04/2024 6:40					0.0
12/04/2024 6:50					0.0
12/04/2024 7:00					0.0
12/04/2024 7:10					0.0
12/04/2024 7:20					0.0
12/04/2024 7:30					0.0
12/04/2024 7:40					0.0
12/04/2024 7:50					0.0
12/04/2024 8:00					0.0
12/04/2024 8:10					0.0
12/04/2024 8:20					0.0
12/04/2024 8:30					0.0
12/04/2024 8:40					0.0
12/04/2024 8:50					0.0
12/04/2024 9:00					0.0
12/04/2024 9:10					0.0
12/04/2024 9:20					0.0
12/04/2024 9:30					0.0
12/04/2024 9:40					0.0
12/04/2024 9:50					0.0
12/04/2024 10:00					0.0
12/04/2024 10:10					0.0
12/04/2024 10:20					0.0
12/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 10:40					0.0
12/04/2024 10:50					0.0
12/04/2024 11:00					0.0
12/04/2024 11:10					0.0
12/04/2024 11:20					0.0
12/04/2024 11:30					0.0
12/04/2024 11:40					0.0
12/04/2024 11:50					0.0
12/04/2024 12:00					0.0
12/04/2024 12:10					0.0
12/04/2024 12:20					0.0
12/04/2024 12:30					0.0
12/04/2024 12:40					0.0
12/04/2024 12:50					0.0
12/04/2024 13:00					0.0
12/04/2024 13:10					0.0
12/04/2024 13:20					0.0
12/04/2024 13:30					0.0
12/04/2024 13:40					0.0
12/04/2024 13:50					0.0
12/04/2024 14:00					0.0
12/04/2024 14:10					0.0
12/04/2024 14:20					0.0
12/04/2024 14:30					0.0
12/04/2024 14:40					0.0
12/04/2024 14:50					0.0
12/04/2024 15:00					0.0
12/04/2024 15:10					0.0
12/04/2024 15:20					0.0
12/04/2024 15:30					0.0
12/04/2024 15:40					0.0
12/04/2024 15:50					0.0
12/04/2024 16:00					0.0
12/04/2024 16:10					0.0
12/04/2024 16:20					0.0
12/04/2024 16:30					0.0
12/04/2024 16:40					0.0
12/04/2024 16:50					0.0
12/04/2024 17:00					0.0
12/04/2024 17:10					0.0
12/04/2024 17:20					0.0
12/04/2024 17:30					0.0
12/04/2024 17:40					0.0
12/04/2024 17:50					0.0
12/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/04/2024 18:10					0.0
12/04/2024 18:20					0.0
12/04/2024 18:30					0.0
12/04/2024 18:40					0.0
12/04/2024 18:50					0.0
12/04/2024 19:00					0.0
12/04/2024 19:10					0.0
12/04/2024 19:20					0.0
12/04/2024 19:30					0.0
12/04/2024 19:40					0.0
12/04/2024 19:50					0.0
12/04/2024 20:00					0.0
12/04/2024 20:10					0.0
12/04/2024 20:20					0.0
12/04/2024 20:30					0.0
12/04/2024 20:40					0.0
12/04/2024 20:50					0.0
12/04/2024 21:00					0.0
12/04/2024 21:10					0.0
12/04/2024 21:20					0.0
12/04/2024 21:30					0.0
12/04/2024 21:40					0.0
12/04/2024 21:50					0.0
12/04/2024 22:00					0.0
12/04/2024 22:10					0.0
12/04/2024 22:20					0.0
12/04/2024 22:30					0.0
12/04/2024 22:40					0.0
12/04/2024 22:50					0.0
12/04/2024 23:00					0.0
12/04/2024 23:10					0.0
12/04/2024 23:20					0.0
12/04/2024 23:30					0.0
12/04/2024 23:40					0.0
12/04/2024 23:50					0.0
13/04/2024 0:00					0.0
13/04/2024 0:10					0.0
13/04/2024 0:20					0.0
13/04/2024 0:30					0.0
13/04/2024 0:40					0.0
13/04/2024 0:50					0.0
13/04/2024 1:00					0.0
13/04/2024 1:10					0.0
13/04/2024 1:20					0.0
13/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 1:40					0.0
13/04/2024 1:50					0.0
13/04/2024 2:00					0.0
13/04/2024 2:10					0.0
13/04/2024 2:20					0.0
13/04/2024 2:30					0.0
13/04/2024 2:40					0.0
13/04/2024 2:50					0.0
13/04/2024 3:00					0.0
13/04/2024 3:10					0.0
13/04/2024 3:20					0.0
13/04/2024 3:30					0.0
13/04/2024 3:40					0.0
13/04/2024 3:50					0.0
13/04/2024 4:00					0.0
13/04/2024 4:10					0.0
13/04/2024 4:20					0.0
13/04/2024 4:30					0.0
13/04/2024 4:40					0.0
13/04/2024 4:50					0.0
13/04/2024 5:00					0.0
13/04/2024 5:10					0.0
13/04/2024 5:20					0.0
13/04/2024 5:30					0.0
13/04/2024 5:40					0.0
13/04/2024 5:50					0.0
13/04/2024 6:00					0.0
13/04/2024 6:10					0.0
13/04/2024 6:20					0.0
13/04/2024 6:30					0.0
13/04/2024 6:40					0.0
13/04/2024 6:50					0.0
13/04/2024 7:00					0.0
13/04/2024 7:10					0.0
13/04/2024 7:20					0.0
13/04/2024 7:30					0.0
13/04/2024 7:40					0.0
13/04/2024 7:50					0.0
13/04/2024 8:00					0.0
13/04/2024 8:10					0.0
13/04/2024 8:20					0.0
13/04/2024 8:30					0.0
13/04/2024 8:40					0.0
13/04/2024 8:50					0.0
13/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 9:10					0.0
13/04/2024 9:20					0.0
13/04/2024 9:30					0.0
13/04/2024 9:40					0.0
13/04/2024 9:50					0.0
13/04/2024 10:00					0.0
13/04/2024 10:10					0.0
13/04/2024 10:20					0.0
13/04/2024 10:30					0.0
13/04/2024 10:40					0.0
13/04/2024 10:50					0.0
13/04/2024 11:00					0.0
13/04/2024 11:10					0.0
13/04/2024 11:20					0.0
13/04/2024 11:30					0.0
13/04/2024 11:40					0.0
13/04/2024 11:50					0.0
13/04/2024 12:00					0.0
13/04/2024 12:10					0.0
13/04/2024 12:20					0.0
13/04/2024 12:30					0.0
13/04/2024 12:40					0.0
13/04/2024 12:50					0.0
13/04/2024 13:00					0.0
13/04/2024 13:10					0.0
13/04/2024 13:20					0.0
13/04/2024 13:30					0.0
13/04/2024 13:40					0.0
13/04/2024 13:50					0.0
13/04/2024 14:00					0.0
13/04/2024 14:10					0.0
13/04/2024 14:20					0.0
13/04/2024 14:30					0.0
13/04/2024 14:40					0.0
13/04/2024 14:50					0.0
13/04/2024 15:00					0.0
13/04/2024 15:10					0.0
13/04/2024 15:20					0.0
13/04/2024 15:30					0.0
13/04/2024 15:40					0.0
13/04/2024 15:50					0.0
13/04/2024 16:00					0.0
13/04/2024 16:10					0.0
13/04/2024 16:20					0.0
13/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/04/2024 16:40					0.0
13/04/2024 16:50					0.0
13/04/2024 17:00					0.0
13/04/2024 17:10					0.0
13/04/2024 17:20					0.0
13/04/2024 17:30					0.0
13/04/2024 17:40					0.0
13/04/2024 17:50					0.0
13/04/2024 18:00					0.0
13/04/2024 18:10					0.0
13/04/2024 18:20					0.0
13/04/2024 18:30					0.0
13/04/2024 18:40					0.0
13/04/2024 18:50					0.0
13/04/2024 19:00					0.0
13/04/2024 19:10					0.0
13/04/2024 19:20					0.0
13/04/2024 19:30					0.0
13/04/2024 19:40					0.0
13/04/2024 19:50					0.0
13/04/2024 20:00					0.0
13/04/2024 20:10					0.0
13/04/2024 20:20					0.0
13/04/2024 20:30					0.0
13/04/2024 20:40					0.0
13/04/2024 20:50					0.0
13/04/2024 21:00					0.0
13/04/2024 21:10					0.0
13/04/2024 21:20					0.0
13/04/2024 21:30					0.0
13/04/2024 21:40					0.0
13/04/2024 21:50					0.0
13/04/2024 22:00					0.0
13/04/2024 22:10					0.0
13/04/2024 22:20					0.0
13/04/2024 22:30					0.0
13/04/2024 22:40					0.0
13/04/2024 22:50					0.0
13/04/2024 23:00					0.0
13/04/2024 23:10					0.0
13/04/2024 23:20					0.0
13/04/2024 23:30					0.0
13/04/2024 23:40					0.0
13/04/2024 23:50					0.0
14/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 0:10					0.0
14/04/2024 0:20					0.0
14/04/2024 0:30					0.0
14/04/2024 0:40					0.0
14/04/2024 0:50					0.0
14/04/2024 1:00					0.0
14/04/2024 1:10					0.0
14/04/2024 1:20					0.0
14/04/2024 1:30					0.0
14/04/2024 1:40					0.0
14/04/2024 1:50					0.0
14/04/2024 2:00					0.0
14/04/2024 2:10					0.0
14/04/2024 2:20					0.0
14/04/2024 2:30					0.0
14/04/2024 2:40					0.0
14/04/2024 2:50					0.0
14/04/2024 3:00					0.0
14/04/2024 3:10					0.0
14/04/2024 3:20					0.0
14/04/2024 3:30					0.0
14/04/2024 3:40					0.0
14/04/2024 3:50					0.0
14/04/2024 4:00					0.0
14/04/2024 4:10					0.0
14/04/2024 4:20					0.0
14/04/2024 4:30					0.0
14/04/2024 4:40					0.0
14/04/2024 4:50					0.0
14/04/2024 5:00					0.0
14/04/2024 5:10					0.0
14/04/2024 5:20					0.0
14/04/2024 5:30					0.0
14/04/2024 5:40					0.0
14/04/2024 5:50					0.0
14/04/2024 6:00					0.0
14/04/2024 6:10					0.0
14/04/2024 6:20					0.0
14/04/2024 6:30					0.0
14/04/2024 6:40					0.0
14/04/2024 6:50					0.0
14/04/2024 7:00					0.0
14/04/2024 7:10					0.0
14/04/2024 7:20					0.0
14/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 7:40					0.0
14/04/2024 7:50					0.0
14/04/2024 8:00					0.0
14/04/2024 8:10					0.0
14/04/2024 8:20					0.0
14/04/2024 8:30					0.0
14/04/2024 8:40					0.0
14/04/2024 8:50					0.0
14/04/2024 9:00					0.0
14/04/2024 9:10					0.0
14/04/2024 9:20					0.0
14/04/2024 9:30					0.0
14/04/2024 9:40					0.0
14/04/2024 9:50					0.0
14/04/2024 10:00					0.0
14/04/2024 10:10					0.0
14/04/2024 10:20					0.0
14/04/2024 10:30					0.0
14/04/2024 10:40					0.0
14/04/2024 10:50					0.0
14/04/2024 11:00					0.0
14/04/2024 11:10					0.0
14/04/2024 11:20					0.0
14/04/2024 11:30					0.0
14/04/2024 11:40					0.0
14/04/2024 11:50					0.0
14/04/2024 12:00					0.0
14/04/2024 12:10					0.0
14/04/2024 12:20					0.0
14/04/2024 12:30					0.0
14/04/2024 12:40					0.0
14/04/2024 12:50					0.0
14/04/2024 13:00					0.0
14/04/2024 13:10					0.0
14/04/2024 13:20					0.0
14/04/2024 13:30					0.0
14/04/2024 13:40					0.0
14/04/2024 13:50					0.0
14/04/2024 14:00					0.0
14/04/2024 14:10					0.0
14/04/2024 14:20					0.0
14/04/2024 14:30					0.0
14/04/2024 14:40					0.0
14/04/2024 14:50					0.0
14/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 15:10					0.0
14/04/2024 15:20					0.0
14/04/2024 15:30					0.0
14/04/2024 15:40					0.0
14/04/2024 15:50					0.0
14/04/2024 16:00					0.0
14/04/2024 16:10					0.0
14/04/2024 16:20					0.0
14/04/2024 16:30					0.0
14/04/2024 16:40					0.0
14/04/2024 16:50					0.0
14/04/2024 17:00					0.0
14/04/2024 17:10					0.0
14/04/2024 17:20					0.0
14/04/2024 17:30					0.0
14/04/2024 17:40					0.0
14/04/2024 17:50					0.0
14/04/2024 18:00					0.0
14/04/2024 18:10					0.0
14/04/2024 18:20					0.0
14/04/2024 18:30					0.0
14/04/2024 18:40					0.0
14/04/2024 18:50					0.0
14/04/2024 19:00					0.0
14/04/2024 19:10					0.0
14/04/2024 19:20					0.0
14/04/2024 19:30					0.0
14/04/2024 19:40					0.0
14/04/2024 19:50					0.0
14/04/2024 20:00					0.0
14/04/2024 20:10					0.0
14/04/2024 20:20					0.0
14/04/2024 20:30					0.0
14/04/2024 20:40					0.0
14/04/2024 20:50					0.0
14/04/2024 21:00					0.0
14/04/2024 21:10					0.0
14/04/2024 21:20					0.0
14/04/2024 21:30					0.0
14/04/2024 21:40					0.0
14/04/2024 21:50					0.0
14/04/2024 22:00					0.0
14/04/2024 22:10					0.0
14/04/2024 22:20					0.0
14/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/04/2024 22:40					0.0
14/04/2024 22:50					0.0
14/04/2024 23:00					0.0
14/04/2024 23:10					0.0
14/04/2024 23:20					0.0
14/04/2024 23:30					0.0
14/04/2024 23:40					0.0
14/04/2024 23:50					0.0
15/04/2024 0:00					0.0
15/04/2024 0:10					0.0
15/04/2024 0:20					0.0
15/04/2024 0:30					0.0
15/04/2024 0:40					0.0
15/04/2024 0:50					0.0
15/04/2024 1:00					0.0
15/04/2024 1:10					0.0
15/04/2024 1:20					0.0
15/04/2024 1:30					0.0
15/04/2024 1:40					0.0
15/04/2024 1:50					0.0
15/04/2024 2:00					0.0
15/04/2024 2:10					0.0
15/04/2024 2:20					0.0
15/04/2024 2:30					0.0
15/04/2024 2:40					0.0
15/04/2024 2:50					0.0
15/04/2024 3:00					0.0
15/04/2024 3:10					0.0
15/04/2024 3:20					0.0
15/04/2024 3:30					0.0
15/04/2024 3:40					0.0
15/04/2024 3:50					0.0
15/04/2024 4:00					0.0
15/04/2024 4:10					0.0
15/04/2024 4:20					0.0
15/04/2024 4:30					0.0
15/04/2024 4:40					0.0
15/04/2024 4:50					0.0
15/04/2024 5:00					0.0
15/04/2024 5:10					0.0
15/04/2024 5:20					0.0
15/04/2024 5:30					0.0
15/04/2024 5:40					0.0
15/04/2024 5:50					0.0
15/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 6:10					0.0
15/04/2024 6:20					0.0
15/04/2024 6:30					0.0
15/04/2024 6:40					0.0
15/04/2024 6:50					0.0
15/04/2024 7:00					0.0
15/04/2024 7:10					0.0
15/04/2024 7:20					0.0
15/04/2024 7:30					0.0
15/04/2024 7:40					0.0
15/04/2024 7:50					0.0
15/04/2024 8:00					0.0
15/04/2024 8:10					0.0
15/04/2024 8:20					0.0
15/04/2024 8:30					0.0
15/04/2024 8:40					0.0
15/04/2024 8:50					0.0
15/04/2024 9:00					0.0
15/04/2024 9:10					0.0
15/04/2024 9:20					0.0
15/04/2024 9:30					0.0
15/04/2024 9:40					0.0
15/04/2024 9:50					0.0
15/04/2024 10:00					0.0
15/04/2024 10:10					0.0
15/04/2024 10:20					0.0
15/04/2024 10:30					0.0
15/04/2024 10:40					0.0
15/04/2024 10:50					0.0
15/04/2024 11:00					0.0
15/04/2024 11:10					0.0
15/04/2024 11:20					0.0
15/04/2024 11:30					0.0
15/04/2024 11:40					0.0
15/04/2024 11:50					0.0
15/04/2024 12:00					0.0
15/04/2024 12:10					0.0
15/04/2024 12:20					0.0
15/04/2024 12:30					0.0
15/04/2024 12:40					0.0
15/04/2024 12:50					0.0
15/04/2024 13:00					0.0
15/04/2024 13:10					0.0
15/04/2024 13:20					0.0
15/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 13:40					0.0
15/04/2024 13:50					0.0
15/04/2024 14:00					0.0
15/04/2024 14:10					0.0
15/04/2024 14:20					0.0
15/04/2024 14:30					0.0
15/04/2024 14:40					0.0
15/04/2024 14:50					0.0
15/04/2024 15:00					0.0
15/04/2024 15:10					0.0
15/04/2024 15:20					0.0
15/04/2024 15:30					0.0
15/04/2024 15:40					0.0
15/04/2024 15:50					0.0
15/04/2024 16:00					0.0
15/04/2024 16:10					0.0
15/04/2024 16:20					0.0
15/04/2024 16:30					0.0
15/04/2024 16:40					0.0
15/04/2024 16:50					0.0
15/04/2024 17:00					0.0
15/04/2024 17:10					0.0
15/04/2024 17:20					0.0
15/04/2024 17:30					0.0
15/04/2024 17:40					0.0
15/04/2024 17:50					0.0
15/04/2024 18:00					0.0
15/04/2024 18:10					0.0
15/04/2024 18:20					0.0
15/04/2024 18:30					0.0
15/04/2024 18:40					0.0
15/04/2024 18:50					0.0
15/04/2024 19:00					0.0
15/04/2024 19:10					0.0
15/04/2024 19:20					0.0
15/04/2024 19:30					0.0
15/04/2024 19:40					0.0
15/04/2024 19:50					0.0
15/04/2024 20:00					0.0
15/04/2024 20:10					0.0
15/04/2024 20:20					0.0
15/04/2024 20:30					0.0
15/04/2024 20:40					0.0
15/04/2024 20:50					0.0
15/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/04/2024 21:10					0.0
15/04/2024 21:20					0.0
15/04/2024 21:30					0.0
15/04/2024 21:40					0.0
15/04/2024 21:50					0.0
15/04/2024 22:00					0.0
15/04/2024 22:10					0.0
15/04/2024 22:20					0.0
15/04/2024 22:30					0.0
15/04/2024 22:40					0.0
15/04/2024 22:50					0.0
15/04/2024 23:00					0.0
15/04/2024 23:10					0.0
15/04/2024 23:20					0.0
15/04/2024 23:30					0.0
15/04/2024 23:40					0.0
15/04/2024 23:50					0.0
16/04/2024 0:00					0.0
16/04/2024 0:10					0.0
16/04/2024 0:20					0.0
16/04/2024 0:30					0.0
16/04/2024 0:40					0.0
16/04/2024 0:50					0.0
16/04/2024 1:00					0.0
16/04/2024 1:10					0.0
16/04/2024 1:20					0.0
16/04/2024 1:30					0.0
16/04/2024 1:40					0.0
16/04/2024 1:50					0.0
16/04/2024 2:00					0.0
16/04/2024 2:10					0.0
16/04/2024 2:20					0.0
16/04/2024 2:30					0.0
16/04/2024 2:40					0.0
16/04/2024 2:50					0.0
16/04/2024 3:00					0.0
16/04/2024 3:10					0.0
16/04/2024 3:20					0.0
16/04/2024 3:30					0.0
16/04/2024 3:40					0.0
16/04/2024 3:50					0.0
16/04/2024 4:00					0.0
16/04/2024 4:10					0.0
16/04/2024 4:20					0.0
16/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 4:40					0.0
16/04/2024 4:50					0.0
16/04/2024 5:00					0.0
16/04/2024 5:10					0.0
16/04/2024 5:20					0.0
16/04/2024 5:30					0.0
16/04/2024 5:40					0.0
16/04/2024 5:50					0.0
16/04/2024 6:00					0.0
16/04/2024 6:10					0.0
16/04/2024 6:20					0.0
16/04/2024 6:30					0.0
16/04/2024 6:40					0.0
16/04/2024 6:50					0.0
16/04/2024 7:00					0.0
16/04/2024 7:10					0.0
16/04/2024 7:20					0.0
16/04/2024 7:30					0.0
16/04/2024 7:40					0.0
16/04/2024 7:50					0.0
16/04/2024 8:00					0.0
16/04/2024 8:10					0.0
16/04/2024 8:20					0.0
16/04/2024 8:30					0.0
16/04/2024 8:40					0.0
16/04/2024 8:50					0.0
16/04/2024 9:00					0.0
16/04/2024 9:10					0.0
16/04/2024 9:20					0.0
16/04/2024 9:30					0.0
16/04/2024 9:40					0.0
16/04/2024 9:50					0.0
16/04/2024 10:00					0.0
16/04/2024 10:10					0.0
16/04/2024 10:20					0.0
16/04/2024 10:30					0.0
16/04/2024 10:40					0.0
16/04/2024 10:50					0.0
16/04/2024 11:00					0.0
16/04/2024 11:10					0.0
16/04/2024 11:20					0.0
16/04/2024 11:30					0.0
16/04/2024 11:40					0.0
16/04/2024 11:50					0.0
16/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 12:10					0.0
16/04/2024 12:20					0.0
16/04/2024 12:30					0.0
16/04/2024 12:40					0.0
16/04/2024 12:50					0.0
16/04/2024 13:00					0.0
16/04/2024 13:10					0.0
16/04/2024 13:20					0.0
16/04/2024 13:30					0.0
16/04/2024 13:40					0.0
16/04/2024 13:50					0.0
16/04/2024 14:00					0.0
16/04/2024 14:10					0.0
16/04/2024 14:20					0.0
16/04/2024 14:30					0.0
16/04/2024 14:40					0.0
16/04/2024 14:50					0.0
16/04/2024 15:00					0.0
16/04/2024 15:10					0.0
16/04/2024 15:20					0.0
16/04/2024 15:30					0.0
16/04/2024 15:40					0.0
16/04/2024 15:50					0.0
16/04/2024 16:00					0.0
16/04/2024 16:10					0.0
16/04/2024 16:20					0.0
16/04/2024 16:30					0.0
16/04/2024 16:40					0.0
16/04/2024 16:50					0.0
16/04/2024 17:00					0.0
16/04/2024 17:10					0.0
16/04/2024 17:20					0.0
16/04/2024 17:30					0.0
16/04/2024 17:40					0.0
16/04/2024 17:50					0.0
16/04/2024 18:00					0.0
16/04/2024 18:10					0.0
16/04/2024 18:20					0.0
16/04/2024 18:30					0.0
16/04/2024 18:40					0.0
16/04/2024 18:50					0.0
16/04/2024 19:00					0.0
16/04/2024 19:10					0.0
16/04/2024 19:20					0.0
16/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/04/2024 19:40					0.0
16/04/2024 19:50					0.0
16/04/2024 20:00					0.0
16/04/2024 20:10					0.0
16/04/2024 20:20					0.0
16/04/2024 20:30					0.0
16/04/2024 20:40					0.0
16/04/2024 20:50					0.0
16/04/2024 21:00					0.0
16/04/2024 21:10					0.0
16/04/2024 21:20					0.0
16/04/2024 21:30					0.0
16/04/2024 21:40					0.0
16/04/2024 21:50					0.0
16/04/2024 22:00					0.0
16/04/2024 22:10					0.0
16/04/2024 22:20					0.0
16/04/2024 22:30					0.0
16/04/2024 22:40					0.0
16/04/2024 22:50					0.0
16/04/2024 23:00					0.0
16/04/2024 23:10					0.0
16/04/2024 23:20					0.0
16/04/2024 23:30					0.0
16/04/2024 23:40					0.0
16/04/2024 23:50					0.0
17/04/2024 0:00					0.0
17/04/2024 0:10					0.0
17/04/2024 0:20					0.0
17/04/2024 0:30					0.0
17/04/2024 0:40					0.0
17/04/2024 0:50					0.0
17/04/2024 1:00					0.0
17/04/2024 1:10					0.0
17/04/2024 1:20					0.0
17/04/2024 1:30					0.0
17/04/2024 1:40					0.0
17/04/2024 1:50					0.0
17/04/2024 2:00					0.0
17/04/2024 2:10					0.0
17/04/2024 2:20					0.0
17/04/2024 2:30					0.0
17/04/2024 2:40					0.0
17/04/2024 2:50					0.0
17/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 3:10					0.0
17/04/2024 3:20					0.0
17/04/2024 3:30					0.0
17/04/2024 3:40					0.0
17/04/2024 3:50					0.0
17/04/2024 4:00					0.0
17/04/2024 4:10					0.0
17/04/2024 4:20					0.0
17/04/2024 4:30					0.0
17/04/2024 4:40					0.0
17/04/2024 4:50					0.0
17/04/2024 5:00					0.0
17/04/2024 5:10					0.0
17/04/2024 5:20					0.0
17/04/2024 5:30					0.0
17/04/2024 5:40					0.0
17/04/2024 5:50					0.0
17/04/2024 6:00					0.0
17/04/2024 6:10					0.0
17/04/2024 6:20					0.0
17/04/2024 6:30					0.0
17/04/2024 6:40					0.0
17/04/2024 6:50					0.0
17/04/2024 7:00					0.0
17/04/2024 7:10					0.0
17/04/2024 7:20					0.0
17/04/2024 7:30					0.0
17/04/2024 7:40					0.0
17/04/2024 7:50					0.0
17/04/2024 8:00					0.0
17/04/2024 8:10					0.0
17/04/2024 8:20					0.0
17/04/2024 8:30					0.0
17/04/2024 8:40					0.0
17/04/2024 8:50					0.0
17/04/2024 9:00					0.0
17/04/2024 9:10					0.0
17/04/2024 9:20					0.0
17/04/2024 9:30					0.0
17/04/2024 9:40					0.0
17/04/2024 9:50					0.0
17/04/2024 10:00					0.0
17/04/2024 10:10					0.0
17/04/2024 10:20					0.0
17/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 10:40					0.0
17/04/2024 10:50					0.0
17/04/2024 11:00					0.0
17/04/2024 11:10					0.0
17/04/2024 11:20					0.0
17/04/2024 11:30					0.0
17/04/2024 11:40					0.0
17/04/2024 11:50					0.0
17/04/2024 12:00					0.0
17/04/2024 12:10					0.0
17/04/2024 12:20					0.0
17/04/2024 12:30					0.0
17/04/2024 12:40					0.0
17/04/2024 12:50					0.0
17/04/2024 13:00					0.0
17/04/2024 13:10					0.0
17/04/2024 13:20					0.0
17/04/2024 13:30					0.0
17/04/2024 13:40					0.0
17/04/2024 13:50					0.0
17/04/2024 14:00					0.0
17/04/2024 14:10					0.0
17/04/2024 14:20					0.0
17/04/2024 14:30					0.0
17/04/2024 14:40					0.0
17/04/2024 14:50					0.0
17/04/2024 15:00					0.0
17/04/2024 15:10					0.0
17/04/2024 15:20					0.0
17/04/2024 15:30					0.0
17/04/2024 15:40					0.0
17/04/2024 15:50					0.0
17/04/2024 16:00					0.0
17/04/2024 16:10					0.0
17/04/2024 16:20					0.0
17/04/2024 16:30					0.0
17/04/2024 16:40					0.0
17/04/2024 16:50					0.0
17/04/2024 17:00					0.0
17/04/2024 17:10					0.0
17/04/2024 17:20					0.0
17/04/2024 17:30					0.0
17/04/2024 17:40					0.0
17/04/2024 17:50					0.0
17/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/04/2024 18:10					0.0
17/04/2024 18:20					0.0
17/04/2024 18:30					0.0
17/04/2024 18:40					0.0
17/04/2024 18:50					0.0
17/04/2024 19:00					0.0
17/04/2024 19:10					0.0
17/04/2024 19:20					0.0
17/04/2024 19:30					0.0
17/04/2024 19:40					0.0
17/04/2024 19:50					0.0
17/04/2024 20:00					0.0
17/04/2024 20:10					0.0
17/04/2024 20:20					0.0
17/04/2024 20:30					0.0
17/04/2024 20:40					0.0
17/04/2024 20:50					0.0
17/04/2024 21:00					0.0
17/04/2024 21:10					0.0
17/04/2024 21:20					0.0
17/04/2024 21:30					0.0
17/04/2024 21:40					0.0
17/04/2024 21:50					0.0
17/04/2024 22:00					0.0
17/04/2024 22:10					0.0
17/04/2024 22:20					0.0
17/04/2024 22:30					0.0
17/04/2024 22:40					0.0
17/04/2024 22:50					0.0
17/04/2024 23:00					0.0
17/04/2024 23:10					0.0
17/04/2024 23:20					0.0
17/04/2024 23:30					0.0
17/04/2024 23:40					0.0
17/04/2024 23:50					0.0
18/04/2024 0:00					0.0
18/04/2024 0:10					0.0
18/04/2024 0:20					0.0
18/04/2024 0:30					0.0
18/04/2024 0:40					0.0
18/04/2024 0:50					0.0
18/04/2024 1:00					0.0
18/04/2024 1:10					0.0
18/04/2024 1:20					0.0
18/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 1:40					0.0
18/04/2024 1:50					0.0
18/04/2024 2:00					0.0
18/04/2024 2:10					0.0
18/04/2024 2:20					0.0
18/04/2024 2:30					0.0
18/04/2024 2:40					0.0
18/04/2024 2:50					0.0
18/04/2024 3:00					0.0
18/04/2024 3:10					0.0
18/04/2024 3:20					0.0
18/04/2024 3:30					0.0
18/04/2024 3:40					0.0
18/04/2024 3:50					0.0
18/04/2024 4:00					0.0
18/04/2024 4:10					0.0
18/04/2024 4:20					0.0
18/04/2024 4:30					0.0
18/04/2024 4:40					0.0
18/04/2024 4:50					0.0
18/04/2024 5:00					0.0
18/04/2024 5:10					0.0
18/04/2024 5:20					0.0
18/04/2024 5:30					0.0
18/04/2024 5:40					0.0
18/04/2024 5:50					0.0
18/04/2024 6:00					0.0
18/04/2024 6:10					0.0
18/04/2024 6:20					0.0
18/04/2024 6:30					0.0
18/04/2024 6:40					0.0
18/04/2024 6:50					0.0
18/04/2024 7:00					0.0
18/04/2024 7:10					0.0
18/04/2024 7:20					0.0
18/04/2024 7:30					0.0
18/04/2024 7:40					0.0
18/04/2024 7:50					0.0
18/04/2024 8:00					0.0
18/04/2024 8:10					0.0
18/04/2024 8:20					0.0
18/04/2024 8:30					0.0
18/04/2024 8:40					0.0
18/04/2024 8:50					0.0
18/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 9:10					0.0
18/04/2024 9:20					0.0
18/04/2024 9:30					0.0
18/04/2024 9:40					0.0
18/04/2024 9:50					0.0
18/04/2024 10:00					0.0
18/04/2024 10:10					0.0
18/04/2024 10:20					0.0
18/04/2024 10:30					0.0
18/04/2024 10:40					0.0
18/04/2024 10:50					0.0
18/04/2024 11:00					0.0
18/04/2024 11:10					0.0
18/04/2024 11:20					0.0
18/04/2024 11:30					0.0
18/04/2024 11:40					0.0
18/04/2024 11:50					0.0
18/04/2024 12:00					0.0
18/04/2024 12:10					0.0
18/04/2024 12:20					0.0
18/04/2024 12:30					0.0
18/04/2024 12:40					0.0
18/04/2024 12:50					0.0
18/04/2024 13:00					0.0
18/04/2024 13:10					0.0
18/04/2024 13:20					0.0
18/04/2024 13:30					0.0
18/04/2024 13:40					0.0
18/04/2024 13:50					0.0
18/04/2024 14:00					0.0
18/04/2024 14:10					0.0
18/04/2024 14:20					0.0
18/04/2024 14:30					0.0
18/04/2024 14:40					0.0
18/04/2024 14:50					0.0
18/04/2024 15:00					0.0
18/04/2024 15:10					0.0
18/04/2024 15:20					0.0
18/04/2024 15:30					0.0
18/04/2024 15:40					0.0
18/04/2024 15:50					0.0
18/04/2024 16:00					0.0
18/04/2024 16:10					0.0
18/04/2024 16:20					0.0
18/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/04/2024 16:40					0.0
18/04/2024 16:50					0.0
18/04/2024 17:00					0.0
18/04/2024 17:10					0.0
18/04/2024 17:20					0.0
18/04/2024 17:30					0.0
18/04/2024 17:40					0.0
18/04/2024 17:50					0.0
18/04/2024 18:00					0.0
18/04/2024 18:10					0.0
18/04/2024 18:20					0.0
18/04/2024 18:30					0.0
18/04/2024 18:40					0.0
18/04/2024 18:50					0.0
18/04/2024 19:00					0.0
18/04/2024 19:10					0.0
18/04/2024 19:20					0.0
18/04/2024 19:30					0.0
18/04/2024 19:40					0.0
18/04/2024 19:50					0.0
18/04/2024 20:00					0.0
18/04/2024 20:10					0.0
18/04/2024 20:20					0.0
18/04/2024 20:30					0.0
18/04/2024 20:40					0.0
18/04/2024 20:50					0.0
18/04/2024 21:00					0.0
18/04/2024 21:10					0.0
18/04/2024 21:20					0.0
18/04/2024 21:30					0.0
18/04/2024 21:40					0.0
18/04/2024 21:50					0.0
18/04/2024 22:00					0.0
18/04/2024 22:10					0.0
18/04/2024 22:20					0.0
18/04/2024 22:30					0.0
18/04/2024 22:40					0.0
18/04/2024 22:50					0.0
18/04/2024 23:00					0.0
18/04/2024 23:10					0.0
18/04/2024 23:20					0.0
18/04/2024 23:30					0.0
18/04/2024 23:40					0.0
18/04/2024 23:50					0.0
19/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 0:10					0.0
19/04/2024 0:20					0.0
19/04/2024 0:30					0.0
19/04/2024 0:40					0.0
19/04/2024 0:50					0.0
19/04/2024 1:00					0.0
19/04/2024 1:10					0.0
19/04/2024 1:20					0.0
19/04/2024 1:30					0.0
19/04/2024 1:40					0.0
19/04/2024 1:50					0.0
19/04/2024 2:00					0.0
19/04/2024 2:10					0.0
19/04/2024 2:20					0.0
19/04/2024 2:30					0.0
19/04/2024 2:40					0.0
19/04/2024 2:50					0.0
19/04/2024 3:00					0.0
19/04/2024 3:10					0.0
19/04/2024 3:20					0.0
19/04/2024 3:30					0.0
19/04/2024 3:40					0.0
19/04/2024 3:50					0.0
19/04/2024 4:00					0.0
19/04/2024 4:10					0.0
19/04/2024 4:20					0.0
19/04/2024 4:30					0.0
19/04/2024 4:40					0.0
19/04/2024 4:50					0.0
19/04/2024 5:00					0.0
19/04/2024 5:10					0.0
19/04/2024 5:20					0.0
19/04/2024 5:30					0.0
19/04/2024 5:40					0.0
19/04/2024 5:50					0.0
19/04/2024 6:00					0.0
19/04/2024 6:10					0.0
19/04/2024 6:20					0.0
19/04/2024 6:30					0.0
19/04/2024 6:40					0.0
19/04/2024 6:50					0.0
19/04/2024 7:00					0.0
19/04/2024 7:10					0.0
19/04/2024 7:20					0.0
19/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 7:40					0.0
19/04/2024 7:50					0.0
19/04/2024 8:00					0.0
19/04/2024 8:10					0.0
19/04/2024 8:20					0.0
19/04/2024 8:30					0.0
19/04/2024 8:40					0.0
19/04/2024 8:50					0.0
19/04/2024 9:00					0.0
19/04/2024 9:10					0.0
19/04/2024 9:20					0.0
19/04/2024 9:30					0.0
19/04/2024 9:40					0.0
19/04/2024 9:50					0.0
19/04/2024 10:00					0.0
19/04/2024 10:10					0.0
19/04/2024 10:20					0.0
19/04/2024 10:30					0.0
19/04/2024 10:40					0.0
19/04/2024 10:50					0.0
19/04/2024 11:00					0.0
19/04/2024 11:10					0.0
19/04/2024 11:20					0.0
19/04/2024 11:30					0.0
19/04/2024 11:40					0.0
19/04/2024 11:50					0.0
19/04/2024 12:00					0.0
19/04/2024 12:10					0.0
19/04/2024 12:20					0.0
19/04/2024 12:30					0.0
19/04/2024 12:40					0.0
19/04/2024 12:50					0.0
19/04/2024 13:00					0.0
19/04/2024 13:10					0.0
19/04/2024 13:20					0.0
19/04/2024 13:30					0.0
19/04/2024 13:40					0.0
19/04/2024 13:50					0.0
19/04/2024 14:00					0.0
19/04/2024 14:10					0.0
19/04/2024 14:20					0.0
19/04/2024 14:30					0.0
19/04/2024 14:40					0.0
19/04/2024 14:50					0.0
19/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 15:10					0.0
19/04/2024 15:20					0.0
19/04/2024 15:30					0.0
19/04/2024 15:40					0.0
19/04/2024 15:50					0.0
19/04/2024 16:00					0.0
19/04/2024 16:10					0.0
19/04/2024 16:20					0.0
19/04/2024 16:30					0.0
19/04/2024 16:40					0.0
19/04/2024 16:50					0.0
19/04/2024 17:00					0.0
19/04/2024 17:10					0.0
19/04/2024 17:20					0.0
19/04/2024 17:30					0.0
19/04/2024 17:40					0.0
19/04/2024 17:50					0.0
19/04/2024 18:00					0.0
19/04/2024 18:10					0.0
19/04/2024 18:20					0.0
19/04/2024 18:30					0.0
19/04/2024 18:40					0.0
19/04/2024 18:50					0.0
19/04/2024 19:00					0.0
19/04/2024 19:10					0.0
19/04/2024 19:20					0.0
19/04/2024 19:30					0.0
19/04/2024 19:40					0.0
19/04/2024 19:50					0.0
19/04/2024 20:00					0.0
19/04/2024 20:10					0.0
19/04/2024 20:20					0.0
19/04/2024 20:30					0.0
19/04/2024 20:40					0.0
19/04/2024 20:50					0.0
19/04/2024 21:00					0.0
19/04/2024 21:10					0.0
19/04/2024 21:20					0.0
19/04/2024 21:30					0.0
19/04/2024 21:40					0.0
19/04/2024 21:50					0.0
19/04/2024 22:00					0.0
19/04/2024 22:10					0.0
19/04/2024 22:20					0.0
19/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/04/2024 22:40					0.0
19/04/2024 22:50					0.0
19/04/2024 23:00					0.0
19/04/2024 23:10					0.0
19/04/2024 23:20					0.0
19/04/2024 23:30					0.0
19/04/2024 23:40					0.0
19/04/2024 23:50					0.0
20/04/2024 0:00					0.0
20/04/2024 0:10					0.0
20/04/2024 0:20					0.0
20/04/2024 0:30					0.0
20/04/2024 0:40					0.0
20/04/2024 0:50					0.0
20/04/2024 1:00					0.0
20/04/2024 1:10					0.0
20/04/2024 1:20					0.0
20/04/2024 1:30					0.0
20/04/2024 1:40					0.0
20/04/2024 1:50					0.0
20/04/2024 2:00					0.0
20/04/2024 2:10					0.0
20/04/2024 2:20					0.0
20/04/2024 2:30					0.0
20/04/2024 2:40					0.0
20/04/2024 2:50					0.0
20/04/2024 3:00					0.0
20/04/2024 3:10					0.0
20/04/2024 3:20					0.0
20/04/2024 3:30					0.0
20/04/2024 3:40					0.0
20/04/2024 3:50					0.0
20/04/2024 4:00					0.0
20/04/2024 4:10					0.0
20/04/2024 4:20					0.0
20/04/2024 4:30					0.0
20/04/2024 4:40					0.0
20/04/2024 4:50					0.0
20/04/2024 5:00					0.0
20/04/2024 5:10					0.0
20/04/2024 5:20					0.0
20/04/2024 5:30					0.0
20/04/2024 5:40					0.0
20/04/2024 5:50					0.0
20/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 6:10					0.0
20/04/2024 6:20					0.0
20/04/2024 6:30					0.0
20/04/2024 6:40					0.0
20/04/2024 6:50					0.0
20/04/2024 7:00					0.0
20/04/2024 7:10					0.0
20/04/2024 7:20					0.0
20/04/2024 7:30					0.0
20/04/2024 7:40					0.0
20/04/2024 7:50					0.0
20/04/2024 8:00					0.0
20/04/2024 8:10					0.0
20/04/2024 8:20					0.0
20/04/2024 8:30					0.0
20/04/2024 8:40					0.0
20/04/2024 8:50					0.0
20/04/2024 9:00					0.0
20/04/2024 9:10					0.0
20/04/2024 9:20					0.0
20/04/2024 9:30					0.0
20/04/2024 9:40					0.0
20/04/2024 9:50					0.0
20/04/2024 10:00					0.0
20/04/2024 10:10					0.0
20/04/2024 10:20					0.0
20/04/2024 10:30					0.0
20/04/2024 10:40					0.0
20/04/2024 10:50					0.0
20/04/2024 11:00					0.0
20/04/2024 11:10					0.0
20/04/2024 11:20					0.0
20/04/2024 11:30					0.0
20/04/2024 11:40					0.0
20/04/2024 11:50					0.0
20/04/2024 12:00					0.0
20/04/2024 12:10					0.0
20/04/2024 12:20					0.0
20/04/2024 12:30					0.0
20/04/2024 12:40					0.0
20/04/2024 12:50					0.0
20/04/2024 13:00					0.0
20/04/2024 13:10					0.0
20/04/2024 13:20					0.0
20/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 13:40					0.0
20/04/2024 13:50					0.0
20/04/2024 14:00					0.0
20/04/2024 14:10					0.0
20/04/2024 14:20					0.0
20/04/2024 14:30					0.0
20/04/2024 14:40					0.0
20/04/2024 14:50					0.0
20/04/2024 15:00					0.0
20/04/2024 15:10					0.0
20/04/2024 15:20					0.0
20/04/2024 15:30					0.0
20/04/2024 15:40					0.0
20/04/2024 15:50					0.0
20/04/2024 16:00					0.0
20/04/2024 16:10					0.0
20/04/2024 16:20					0.0
20/04/2024 16:30					0.0
20/04/2024 16:40					0.0
20/04/2024 16:50					0.0
20/04/2024 17:00					0.0
20/04/2024 17:10					0.0
20/04/2024 17:20					0.0
20/04/2024 17:30					0.0
20/04/2024 17:40					0.0
20/04/2024 17:50					0.0
20/04/2024 18:00					0.0
20/04/2024 18:10					0.0
20/04/2024 18:20					0.0
20/04/2024 18:30					0.0
20/04/2024 18:40					0.0
20/04/2024 18:50					0.0
20/04/2024 19:00					0.0
20/04/2024 19:10					0.0
20/04/2024 19:20					0.0
20/04/2024 19:30					0.0
20/04/2024 19:40					0.0
20/04/2024 19:50					0.0
20/04/2024 20:00					0.0
20/04/2024 20:10					0.0
20/04/2024 20:20					0.0
20/04/2024 20:30					0.0
20/04/2024 20:40					0.0
20/04/2024 20:50					0.0
20/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/04/2024 21:10					0.0
20/04/2024 21:20					0.0
20/04/2024 21:30					0.0
20/04/2024 21:40					0.0
20/04/2024 21:50					0.0
20/04/2024 22:00					0.0
20/04/2024 22:10					0.0
20/04/2024 22:20					0.0
20/04/2024 22:30					0.0
20/04/2024 22:40					0.0
20/04/2024 22:50					0.0
20/04/2024 23:00					0.0
20/04/2024 23:10					0.0
20/04/2024 23:20					0.0
20/04/2024 23:30					0.0
20/04/2024 23:40					0.0
20/04/2024 23:50					0.0
21/04/2024 0:00					0.0
21/04/2024 0:10					0.0
21/04/2024 0:20					0.0
21/04/2024 0:30					0.0
21/04/2024 0:40					0.0
21/04/2024 0:50					0.0
21/04/2024 1:00					0.0
21/04/2024 1:10					0.0
21/04/2024 1:20					0.0
21/04/2024 1:30					0.0
21/04/2024 1:40					0.0
21/04/2024 1:50					0.0
21/04/2024 2:00					0.0
21/04/2024 2:10					0.0
21/04/2024 2:20					0.0
21/04/2024 2:30					0.0
21/04/2024 2:40					0.0
21/04/2024 2:50					0.0
21/04/2024 3:00					0.0
21/04/2024 3:10					0.0
21/04/2024 3:20					0.0
21/04/2024 3:30					0.0
21/04/2024 3:40					0.0
21/04/2024 3:50					0.0
21/04/2024 4:00					0.0
21/04/2024 4:10					0.0
21/04/2024 4:20					0.0
21/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 4:40					0.0
21/04/2024 4:50					0.0
21/04/2024 5:00					0.0
21/04/2024 5:10					0.0
21/04/2024 5:20					0.0
21/04/2024 5:30					0.0
21/04/2024 5:40					0.0
21/04/2024 5:50					0.0
21/04/2024 6:00					0.0
21/04/2024 6:10					0.0
21/04/2024 6:20					0.0
21/04/2024 6:30					0.0
21/04/2024 6:40					0.0
21/04/2024 6:50					0.0
21/04/2024 7:00					0.0
21/04/2024 7:10					0.0
21/04/2024 7:20					0.0
21/04/2024 7:30					0.0
21/04/2024 7:40					0.0
21/04/2024 7:50					0.0
21/04/2024 8:00					0.0
21/04/2024 8:10					0.0
21/04/2024 8:20					0.0
21/04/2024 8:30					0.0
21/04/2024 8:40					0.0
21/04/2024 8:50					0.0
21/04/2024 9:00					0.0
21/04/2024 9:10					0.0
21/04/2024 9:20					0.0
21/04/2024 9:30					0.0
21/04/2024 9:40					0.0
21/04/2024 9:50					0.0
21/04/2024 10:00					0.0
21/04/2024 10:10					0.0
21/04/2024 10:20					0.0
21/04/2024 10:30					0.0
21/04/2024 10:40					0.0
21/04/2024 10:50					0.0
21/04/2024 11:00					0.0
21/04/2024 11:10					0.0
21/04/2024 11:20					0.0
21/04/2024 11:30					0.0
21/04/2024 11:40					0.0
21/04/2024 11:50					0.0
21/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 12:10					0.0
21/04/2024 12:20					0.0
21/04/2024 12:30					0.0
21/04/2024 12:40					0.0
21/04/2024 12:50					0.0
21/04/2024 13:00					0.0
21/04/2024 13:10					0.0
21/04/2024 13:20					0.0
21/04/2024 13:30					0.0
21/04/2024 13:40					0.0
21/04/2024 13:50					0.0
21/04/2024 14:00					0.0
21/04/2024 14:10					0.0
21/04/2024 14:20					0.0
21/04/2024 14:30					0.0
21/04/2024 14:40					0.0
21/04/2024 14:50					0.0
21/04/2024 15:00					0.0
21/04/2024 15:10					0.0
21/04/2024 15:20					0.0
21/04/2024 15:30					0.0
21/04/2024 15:40					0.0
21/04/2024 15:50					0.0
21/04/2024 16:00					0.0
21/04/2024 16:10					0.0
21/04/2024 16:20					0.0
21/04/2024 16:30					0.0
21/04/2024 16:40					0.0
21/04/2024 16:50					0.0
21/04/2024 17:00					0.0
21/04/2024 17:10					0.0
21/04/2024 17:20					0.0
21/04/2024 17:30					0.0
21/04/2024 17:40					0.0
21/04/2024 17:50					0.0
21/04/2024 18:00					0.0
21/04/2024 18:10					0.0
21/04/2024 18:20					0.0
21/04/2024 18:30					0.0
21/04/2024 18:40					0.0
21/04/2024 18:50					0.0
21/04/2024 19:00					0.0
21/04/2024 19:10					0.0
21/04/2024 19:20					0.0
21/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/04/2024 19:40					0.0
21/04/2024 19:50					0.0
21/04/2024 20:00					0.0
21/04/2024 20:10					0.0
21/04/2024 20:20					0.0
21/04/2024 20:30					0.0
21/04/2024 20:40					0.0
21/04/2024 20:50					0.0
21/04/2024 21:00					0.0
21/04/2024 21:10					0.0
21/04/2024 21:20					0.0
21/04/2024 21:30					0.0
21/04/2024 21:40					0.0
21/04/2024 21:50					0.0
21/04/2024 22:00					0.0
21/04/2024 22:10					0.0
21/04/2024 22:20					0.0
21/04/2024 22:30					0.0
21/04/2024 22:40					0.0
21/04/2024 22:50					0.0
21/04/2024 23:00					0.0
21/04/2024 23:10					0.0
21/04/2024 23:20					0.0
21/04/2024 23:30					0.0
21/04/2024 23:40					0.0
21/04/2024 23:50					0.0
22/04/2024 0:00					0.0
22/04/2024 0:10					0.0
22/04/2024 0:20					0.0
22/04/2024 0:30					0.0
22/04/2024 0:40					0.0
22/04/2024 0:50					0.0
22/04/2024 1:00					0.0
22/04/2024 1:10					0.0
22/04/2024 1:20					0.0
22/04/2024 1:30					0.0
22/04/2024 1:40					0.0
22/04/2024 1:50					0.0
22/04/2024 2:00					0.0
22/04/2024 2:10					0.0
22/04/2024 2:20					0.0
22/04/2024 2:30					0.0
22/04/2024 2:40					0.0
22/04/2024 2:50					0.0
22/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 3:10					0.0
22/04/2024 3:20					0.0
22/04/2024 3:30					0.0
22/04/2024 3:40					0.0
22/04/2024 3:50					0.0
22/04/2024 4:00					0.0
22/04/2024 4:10					0.0
22/04/2024 4:20					0.0
22/04/2024 4:30					0.0
22/04/2024 4:40					0.0
22/04/2024 4:50					0.0
22/04/2024 5:00					0.0
22/04/2024 5:10					0.0
22/04/2024 5:20					0.0
22/04/2024 5:30					0.0
22/04/2024 5:40					0.0
22/04/2024 5:50					0.0
22/04/2024 6:00					0.0
22/04/2024 6:10					0.0
22/04/2024 6:20					0.0
22/04/2024 6:30					0.0
22/04/2024 6:40					0.0
22/04/2024 6:50					0.0
22/04/2024 7:00					0.0
22/04/2024 7:10					0.0
22/04/2024 7:20					0.0
22/04/2024 7:30					0.0
22/04/2024 7:40					0.0
22/04/2024 7:50					0.0
22/04/2024 8:00					0.0
22/04/2024 8:10					0.0
22/04/2024 8:20					0.0
22/04/2024 8:30					0.0
22/04/2024 8:40					0.0
22/04/2024 8:50					0.0
22/04/2024 9:00					0.0
22/04/2024 9:10					0.0
22/04/2024 9:20					0.0
22/04/2024 9:30					0.0
22/04/2024 9:40					0.0
22/04/2024 9:50					0.0
22/04/2024 10:00					0.0
22/04/2024 10:10					0.0
22/04/2024 10:20					0.0
22/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 10:40					0.0
22/04/2024 10:50					0.0
22/04/2024 11:00					0.0
22/04/2024 11:10					0.0
22/04/2024 11:20					0.0
22/04/2024 11:30					0.0
22/04/2024 11:40					0.0
22/04/2024 11:50					0.0
22/04/2024 12:00					0.0
22/04/2024 12:10					0.0
22/04/2024 12:20					0.0
22/04/2024 12:30					0.0
22/04/2024 12:40					0.0
22/04/2024 12:50					0.0
22/04/2024 13:00					0.0
22/04/2024 13:10					0.0
22/04/2024 13:20					0.0
22/04/2024 13:30					0.0
22/04/2024 13:40					0.0
22/04/2024 13:50					0.0
22/04/2024 14:00					0.0
22/04/2024 14:10					0.0
22/04/2024 14:20					0.0
22/04/2024 14:30					0.0
22/04/2024 14:40					0.0
22/04/2024 14:50					0.0
22/04/2024 15:00					0.0
22/04/2024 15:10					0.0
22/04/2024 15:20					0.0
22/04/2024 15:30					0.0
22/04/2024 15:40					0.0
22/04/2024 15:50					0.0
22/04/2024 16:00					0.0
22/04/2024 16:10					0.0
22/04/2024 16:20					0.0
22/04/2024 16:30					0.0
22/04/2024 16:40					0.0
22/04/2024 16:50					0.0
22/04/2024 17:00					0.0
22/04/2024 17:10					0.0
22/04/2024 17:20					0.0
22/04/2024 17:30					0.0
22/04/2024 17:40					0.0
22/04/2024 17:50					0.0
22/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/04/2024 18:10					0.0
22/04/2024 18:20					0.0
22/04/2024 18:30					0.0
22/04/2024 18:40					0.0
22/04/2024 18:50					0.0
22/04/2024 19:00					0.0
22/04/2024 19:10					0.0
22/04/2024 19:20					0.0
22/04/2024 19:30					0.0
22/04/2024 19:40					0.0
22/04/2024 19:50					0.0
22/04/2024 20:00					0.0
22/04/2024 20:10					0.0
22/04/2024 20:20					0.0
22/04/2024 20:30					0.0
22/04/2024 20:40					0.1
22/04/2024 20:50					0.0
22/04/2024 21:00					0.0
22/04/2024 21:10					0.0
22/04/2024 21:20					0.0
22/04/2024 21:30					0.0
22/04/2024 21:40					0.0
22/04/2024 21:50					0.0
22/04/2024 22:00					0.0
22/04/2024 22:10					0.0
22/04/2024 22:20					0.0
22/04/2024 22:30					0.0
22/04/2024 22:40					0.0
22/04/2024 22:50					0.0
22/04/2024 23:00					0.0
22/04/2024 23:10					0.0
22/04/2024 23:20					0.0
22/04/2024 23:30					0.0
22/04/2024 23:40					0.0
22/04/2024 23:50					0.0
23/04/2024 0:00					0.0
23/04/2024 0:10					0.0
23/04/2024 0:20					0.0
23/04/2024 0:30					0.0
23/04/2024 0:40					0.0
23/04/2024 0:50					0.0
23/04/2024 1:00					0.0
23/04/2024 1:10					0.0
23/04/2024 1:20					0.0
23/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 1:40					0.0
23/04/2024 1:50					0.0
23/04/2024 2:00					0.0
23/04/2024 2:10					0.0
23/04/2024 2:20					0.0
23/04/2024 2:30					0.0
23/04/2024 2:40					0.0
23/04/2024 2:50					0.0
23/04/2024 3:00					0.0
23/04/2024 3:10					0.0
23/04/2024 3:20					0.0
23/04/2024 3:30					0.0
23/04/2024 3:40					0.0
23/04/2024 3:50					0.0
23/04/2024 4:00					0.0
23/04/2024 4:10					0.0
23/04/2024 4:20					0.0
23/04/2024 4:30					0.0
23/04/2024 4:40					0.0
23/04/2024 4:50					0.0
23/04/2024 5:00					0.0
23/04/2024 5:10					0.0
23/04/2024 5:20					0.0
23/04/2024 5:30					0.0
23/04/2024 5:40					0.0
23/04/2024 5:50					0.0
23/04/2024 6:00					0.0
23/04/2024 6:10					0.0
23/04/2024 6:20					0.0
23/04/2024 6:30					0.0
23/04/2024 6:40					0.0
23/04/2024 6:50					0.0
23/04/2024 7:00					0.0
23/04/2024 7:10					0.0
23/04/2024 7:20					0.0
23/04/2024 7:30					0.0
23/04/2024 7:40					0.0
23/04/2024 7:50					0.0
23/04/2024 8:00					0.0
23/04/2024 8:10					0.0
23/04/2024 8:20					0.0
23/04/2024 8:30					0.0
23/04/2024 8:40					0.0
23/04/2024 8:50					0.0
23/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 9:10					0.0
23/04/2024 9:20					0.0
23/04/2024 9:30					0.0
23/04/2024 9:40					0.0
23/04/2024 9:50					0.0
23/04/2024 10:00					0.0
23/04/2024 10:10					0.0
23/04/2024 10:20					0.0
23/04/2024 10:30					0.0
23/04/2024 10:40					0.0
23/04/2024 10:50					0.0
23/04/2024 11:00					0.0
23/04/2024 11:10					0.0
23/04/2024 11:20					0.0
23/04/2024 11:30					0.0
23/04/2024 11:40					0.0
23/04/2024 11:50					0.0
23/04/2024 12:00					0.0
23/04/2024 12:10					0.0
23/04/2024 12:20					0.0
23/04/2024 12:30					0.0
23/04/2024 12:40					0.0
23/04/2024 12:50					0.0
23/04/2024 13:00					0.0
23/04/2024 13:10					0.0
23/04/2024 13:20					0.0
23/04/2024 13:30					0.0
23/04/2024 13:40					0.0
23/04/2024 13:50					0.0
23/04/2024 14:00					0.0
23/04/2024 14:10					0.0
23/04/2024 14:20					0.0
23/04/2024 14:30					0.0
23/04/2024 14:40					0.0
23/04/2024 14:50					0.0
23/04/2024 15:00					0.0
23/04/2024 15:10					0.0
23/04/2024 15:20					0.0
23/04/2024 15:30					0.0
23/04/2024 15:40					0.0
23/04/2024 15:50					0.0
23/04/2024 16:00					0.0
23/04/2024 16:10					0.0
23/04/2024 16:20					0.0
23/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/04/2024 16:40					0.0
23/04/2024 16:50					0.0
23/04/2024 17:00					0.0
23/04/2024 17:10					0.0
23/04/2024 17:20					0.0
23/04/2024 17:30					0.0
23/04/2024 17:40					0.0
23/04/2024 17:50					0.0
23/04/2024 18:00					0.0
23/04/2024 18:10					0.0
23/04/2024 18:20					0.0
23/04/2024 18:30					0.0
23/04/2024 18:40					0.0
23/04/2024 18:50					0.0
23/04/2024 19:00					0.0
23/04/2024 19:10					0.0
23/04/2024 19:20					0.0
23/04/2024 19:30					0.0
23/04/2024 19:40					0.0
23/04/2024 19:50					0.0
23/04/2024 20:00					0.0
23/04/2024 20:10					0.0
23/04/2024 20:20					0.0
23/04/2024 20:30					0.0
23/04/2024 20:40					0.0
23/04/2024 20:50					0.0
23/04/2024 21:00					0.0
23/04/2024 21:10					0.0
23/04/2024 21:20					0.0
23/04/2024 21:30					0.0
23/04/2024 21:40					0.0
23/04/2024 21:50					0.0
23/04/2024 22:00					0.0
23/04/2024 22:10					0.0
23/04/2024 22:20					0.0
23/04/2024 22:30					0.0
23/04/2024 22:40					0.0
23/04/2024 22:50					0.0
23/04/2024 23:00					0.0
23/04/2024 23:10					0.0
23/04/2024 23:20					0.0
23/04/2024 23:30					0.0
23/04/2024 23:40					0.0
23/04/2024 23:50					0.0
24/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 0:10					0.0
24/04/2024 0:20					0.0
24/04/2024 0:30					0.0
24/04/2024 0:40					0.0
24/04/2024 0:50					0.0
24/04/2024 1:00					0.0
24/04/2024 1:10					0.0
24/04/2024 1:20					0.0
24/04/2024 1:30					0.0
24/04/2024 1:40					0.0
24/04/2024 1:50					0.0
24/04/2024 2:00					0.0
24/04/2024 2:10					0.0
24/04/2024 2:20					0.0
24/04/2024 2:30					0.0
24/04/2024 2:40					0.0
24/04/2024 2:50					0.0
24/04/2024 3:00					0.0
24/04/2024 3:10					0.0
24/04/2024 3:20					0.0
24/04/2024 3:30					0.0
24/04/2024 3:40					0.0
24/04/2024 3:50					0.0
24/04/2024 4:00					0.0
24/04/2024 4:10					0.0
24/04/2024 4:20					0.0
24/04/2024 4:30					0.0
24/04/2024 4:40					0.0
24/04/2024 4:50					0.0
24/04/2024 5:00					0.0
24/04/2024 5:10					0.0
24/04/2024 5:20					0.0
24/04/2024 5:30					0.0
24/04/2024 5:40					0.0
24/04/2024 5:50					0.0
24/04/2024 6:00					0.0
24/04/2024 6:10					0.0
24/04/2024 6:20					0.0
24/04/2024 6:30					0.0
24/04/2024 6:40					0.0
24/04/2024 6:50					0.0
24/04/2024 7:00					0.0
24/04/2024 7:10					0.0
24/04/2024 7:20					0.0
24/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 7:40					0.0
24/04/2024 7:50					0.0
24/04/2024 8:00					0.0
24/04/2024 8:10					0.0
24/04/2024 8:20					0.0
24/04/2024 8:30					0.0
24/04/2024 8:40					0.0
24/04/2024 8:50					0.0
24/04/2024 9:00					0.0
24/04/2024 9:10					0.0
24/04/2024 9:20					0.0
24/04/2024 9:30					0.0
24/04/2024 9:40					0.0
24/04/2024 9:50					0.0
24/04/2024 10:00					0.0
24/04/2024 10:10					0.0
24/04/2024 10:20					0.0
24/04/2024 10:30					0.0
24/04/2024 10:40					0.0
24/04/2024 10:50					0.0
24/04/2024 11:00					0.0
24/04/2024 11:10					0.0
24/04/2024 11:20					0.0
24/04/2024 11:30					0.0
24/04/2024 11:40					0.0
24/04/2024 11:50					0.0
24/04/2024 12:00					0.0
24/04/2024 12:10					0.0
24/04/2024 12:20					0.0
24/04/2024 12:30					0.0
24/04/2024 12:40					0.0
24/04/2024 12:50					0.0
24/04/2024 13:00					0.0
24/04/2024 13:10					0.0
24/04/2024 13:20					0.0
24/04/2024 13:30					0.0
24/04/2024 13:40					0.0
24/04/2024 13:50					0.0
24/04/2024 14:00					0.0
24/04/2024 14:10					0.0
24/04/2024 14:20					0.0
24/04/2024 14:30					0.0
24/04/2024 14:40					0.0
24/04/2024 14:50					0.0
24/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 15:10					0.0
24/04/2024 15:20					0.0
24/04/2024 15:30					0.0
24/04/2024 15:40					0.0
24/04/2024 15:50					0.0
24/04/2024 16:00					0.0
24/04/2024 16:10					0.0
24/04/2024 16:20					0.0
24/04/2024 16:30					0.0
24/04/2024 16:40					0.0
24/04/2024 16:50					0.0
24/04/2024 17:00					0.0
24/04/2024 17:10					0.0
24/04/2024 17:20					0.0
24/04/2024 17:30					0.0
24/04/2024 17:40					0.0
24/04/2024 17:50					0.0
24/04/2024 18:00					0.0
24/04/2024 18:10					0.0
24/04/2024 18:20					0.0
24/04/2024 18:30					0.0
24/04/2024 18:40					0.0
24/04/2024 18:50					0.0
24/04/2024 19:00					0.0
24/04/2024 19:10					0.0
24/04/2024 19:20					0.0
24/04/2024 19:30					0.0
24/04/2024 19:40					0.0
24/04/2024 19:50					0.0
24/04/2024 20:00					0.0
24/04/2024 20:10					0.0
24/04/2024 20:20					0.0
24/04/2024 20:30					0.0
24/04/2024 20:40					0.0
24/04/2024 20:50					0.0
24/04/2024 21:00					0.0
24/04/2024 21:10					0.0
24/04/2024 21:20					0.0
24/04/2024 21:30					0.0
24/04/2024 21:40					0.0
24/04/2024 21:50					0.0
24/04/2024 22:00					0.0
24/04/2024 22:10					0.0
24/04/2024 22:20					0.0
24/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/04/2024 22:40					0.0
24/04/2024 22:50					0.0
24/04/2024 23:00					0.0
24/04/2024 23:10					0.0
24/04/2024 23:20					0.0
24/04/2024 23:30					0.0
24/04/2024 23:40					0.0
24/04/2024 23:50					0.0
25/04/2024 0:00					0.0
25/04/2024 0:10					0.1
25/04/2024 0:20					0.0
25/04/2024 0:30					0.0
25/04/2024 0:40					0.0
25/04/2024 0:50					0.0
25/04/2024 1:00					0.0
25/04/2024 1:10					0.0
25/04/2024 1:20					0.0
25/04/2024 1:30					0.0
25/04/2024 1:40					0.0
25/04/2024 1:50					0.0
25/04/2024 2:00					0.0
25/04/2024 2:10					0.0
25/04/2024 2:20					0.0
25/04/2024 2:30					0.0
25/04/2024 2:40					0.0
25/04/2024 2:50					0.0
25/04/2024 3:00					0.0
25/04/2024 3:10					0.0
25/04/2024 3:20					0.0
25/04/2024 3:30					0.0
25/04/2024 3:40					0.0
25/04/2024 3:50					0.0
25/04/2024 4:00					0.0
25/04/2024 4:10					0.0
25/04/2024 4:20					0.0
25/04/2024 4:30					0.0
25/04/2024 4:40					0.0
25/04/2024 4:50					0.0
25/04/2024 5:00					0.0
25/04/2024 5:10					0.0
25/04/2024 5:20					0.0
25/04/2024 5:30					0.0
25/04/2024 5:40					0.0
25/04/2024 5:50					0.0
25/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 6:10					0.0
25/04/2024 6:20					0.0
25/04/2024 6:30					0.0
25/04/2024 6:40					0.0
25/04/2024 6:50					0.0
25/04/2024 7:00					0.0
25/04/2024 7:10					0.0
25/04/2024 7:20					0.0
25/04/2024 7:30					0.0
25/04/2024 7:40					0.0
25/04/2024 7:50					0.0
25/04/2024 8:00					0.0
25/04/2024 8:10					0.0
25/04/2024 8:20					0.0
25/04/2024 8:30					0.0
25/04/2024 8:40					0.0
25/04/2024 8:50					0.0
25/04/2024 9:00					0.0
25/04/2024 9:10					0.0
25/04/2024 9:20					0.0
25/04/2024 9:30					0.0
25/04/2024 9:40					0.0
25/04/2024 9:50					0.0
25/04/2024 10:00					0.0
25/04/2024 10:10					0.0
25/04/2024 10:20					0.0
25/04/2024 10:30					0.0
25/04/2024 10:40					0.0
25/04/2024 10:50					0.0
25/04/2024 11:00					0.0
25/04/2024 11:10					0.0
25/04/2024 11:20					0.0
25/04/2024 11:30					0.0
25/04/2024 11:40					0.0
25/04/2024 11:50					0.0
25/04/2024 12:00					0.0
25/04/2024 12:10					0.0
25/04/2024 12:20					0.0
25/04/2024 12:30					0.0
25/04/2024 12:40					0.0
25/04/2024 12:50					0.0
25/04/2024 13:00					0.0
25/04/2024 13:10					0.0
25/04/2024 13:20					0.0
25/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 13:40					0.0
25/04/2024 13:50					0.0
25/04/2024 14:00					0.0
25/04/2024 14:10					0.0
25/04/2024 14:20					0.0
25/04/2024 14:30					0.0
25/04/2024 14:40					0.0
25/04/2024 14:50					0.0
25/04/2024 15:00					0.0
25/04/2024 15:10					0.0
25/04/2024 15:20					0.0
25/04/2024 15:30					0.0
25/04/2024 15:40					0.0
25/04/2024 15:50					0.0
25/04/2024 16:00					0.0
25/04/2024 16:10					0.0
25/04/2024 16:20					0.0
25/04/2024 16:30					0.0
25/04/2024 16:40					0.0
25/04/2024 16:50					0.0
25/04/2024 17:00					0.0
25/04/2024 17:10					0.0
25/04/2024 17:20					0.0
25/04/2024 17:30					0.0
25/04/2024 17:40					0.0
25/04/2024 17:50					0.0
25/04/2024 18:00					0.0
25/04/2024 18:10					0.0
25/04/2024 18:20					0.0
25/04/2024 18:30					0.0
25/04/2024 18:40					0.0
25/04/2024 18:50					0.0
25/04/2024 19:00					0.0
25/04/2024 19:10					0.0
25/04/2024 19:20					0.0
25/04/2024 19:30					0.0
25/04/2024 19:40					0.0
25/04/2024 19:50					0.0
25/04/2024 20:00					0.0
25/04/2024 20:10					0.0
25/04/2024 20:20					0.0
25/04/2024 20:30					0.0
25/04/2024 20:40					0.0
25/04/2024 20:50					0.0
25/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/04/2024 21:10					0.0
25/04/2024 21:20					0.0
25/04/2024 21:30					0.0
25/04/2024 21:40					0.0
25/04/2024 21:50					0.0
25/04/2024 22:00					0.0
25/04/2024 22:10					0.0
25/04/2024 22:20					0.0
25/04/2024 22:30					0.0
25/04/2024 22:40					0.0
25/04/2024 22:50					0.0
25/04/2024 23:00					0.0
25/04/2024 23:10					0.0
25/04/2024 23:20					0.0
25/04/2024 23:30					0.0
25/04/2024 23:40					0.0
25/04/2024 23:50					0.0
26/04/2024 0:00					0.0
26/04/2024 0:10					0.0
26/04/2024 0:20					0.0
26/04/2024 0:30					0.0
26/04/2024 0:40					0.0
26/04/2024 0:50					0.0
26/04/2024 1:00					0.0
26/04/2024 1:10					0.0
26/04/2024 1:20					0.0
26/04/2024 1:30					0.0
26/04/2024 1:40					0.0
26/04/2024 1:50					0.0
26/04/2024 2:00					0.0
26/04/2024 2:10					0.0
26/04/2024 2:20					0.0
26/04/2024 2:30					0.0
26/04/2024 2:40					0.0
26/04/2024 2:50					0.0
26/04/2024 3:00					0.0
26/04/2024 3:10					0.0
26/04/2024 3:20					0.0
26/04/2024 3:30					0.0
26/04/2024 3:40					0.0
26/04/2024 3:50					0.0
26/04/2024 4:00					0.0
26/04/2024 4:10					0.0
26/04/2024 4:20					0.0
26/04/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 4:40					0.0
26/04/2024 4:50					0.0
26/04/2024 5:00					0.0
26/04/2024 5:10					0.0
26/04/2024 5:20					0.0
26/04/2024 5:30					0.0
26/04/2024 5:40					0.0
26/04/2024 5:50					0.0
26/04/2024 6:00					0.0
26/04/2024 6:10					0.0
26/04/2024 6:20					0.0
26/04/2024 6:30					0.0
26/04/2024 6:40					0.0
26/04/2024 6:50					0.0
26/04/2024 7:00					0.0
26/04/2024 7:10					0.0
26/04/2024 7:20					0.0
26/04/2024 7:30					0.0
26/04/2024 7:40					0.0
26/04/2024 7:50					0.0
26/04/2024 8:00					0.0
26/04/2024 8:10					0.0
26/04/2024 8:20					0.0
26/04/2024 8:30					0.0
26/04/2024 8:40					0.0
26/04/2024 8:50					0.0
26/04/2024 9:00					0.0
26/04/2024 9:10					0.0
26/04/2024 9:20					0.0
26/04/2024 9:30					0.0
26/04/2024 9:40					0.0
26/04/2024 9:50					0.0
26/04/2024 10:00					0.0
26/04/2024 10:10					0.0
26/04/2024 10:20					0.0
26/04/2024 10:30					0.0
26/04/2024 10:40					0.0
26/04/2024 10:50					0.0
26/04/2024 11:00					0.0
26/04/2024 11:10					0.0
26/04/2024 11:20					0.0
26/04/2024 11:30					0.0
26/04/2024 11:40					0.0
26/04/2024 11:50					0.0
26/04/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 12:10					0.0
26/04/2024 12:20					0.0
26/04/2024 12:30					0.0
26/04/2024 12:40					0.0
26/04/2024 12:50					0.0
26/04/2024 13:00					0.0
26/04/2024 13:10					0.0
26/04/2024 13:20					0.0
26/04/2024 13:30					0.0
26/04/2024 13:40					0.0
26/04/2024 13:50					0.0
26/04/2024 14:00					0.0
26/04/2024 14:10					0.0
26/04/2024 14:20					0.0
26/04/2024 14:30					0.0
26/04/2024 14:40					0.0
26/04/2024 14:50					0.0
26/04/2024 15:00					0.0
26/04/2024 15:10					0.0
26/04/2024 15:20					0.0
26/04/2024 15:30					0.0
26/04/2024 15:40					0.0
26/04/2024 15:50					0.0
26/04/2024 16:00					0.0
26/04/2024 16:10					0.0
26/04/2024 16:20					0.0
26/04/2024 16:30					0.0
26/04/2024 16:40					0.0
26/04/2024 16:50					0.0
26/04/2024 17:00					0.0
26/04/2024 17:10					0.0
26/04/2024 17:20					0.0
26/04/2024 17:30					0.0
26/04/2024 17:40					0.0
26/04/2024 17:50					0.0
26/04/2024 18:00					0.0
26/04/2024 18:10					0.0
26/04/2024 18:20					0.0
26/04/2024 18:30					0.0
26/04/2024 18:40					0.0
26/04/2024 18:50					0.0
26/04/2024 19:00					0.0
26/04/2024 19:10					0.0
26/04/2024 19:20					0.0
26/04/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/04/2024 19:40					0.0
26/04/2024 19:50					0.0
26/04/2024 20:00					0.0
26/04/2024 20:10					0.0
26/04/2024 20:20					0.0
26/04/2024 20:30					0.0
26/04/2024 20:40					0.0
26/04/2024 20:50					0.0
26/04/2024 21:00					0.0
26/04/2024 21:10					0.0
26/04/2024 21:20					0.0
26/04/2024 21:30					0.0
26/04/2024 21:40					0.0
26/04/2024 21:50					0.0
26/04/2024 22:00					0.0
26/04/2024 22:10					0.0
26/04/2024 22:20					0.0
26/04/2024 22:30					0.0
26/04/2024 22:40					0.0
26/04/2024 22:50					0.0
26/04/2024 23:00					0.0
26/04/2024 23:10					0.0
26/04/2024 23:20					0.0
26/04/2024 23:30					0.0
26/04/2024 23:40					0.0
26/04/2024 23:50					0.0
27/04/2024 0:00					0.0
27/04/2024 0:10					0.0
27/04/2024 0:20					0.0
27/04/2024 0:30					0.0
27/04/2024 0:40					0.0
27/04/2024 0:50					0.0
27/04/2024 1:00					0.0
27/04/2024 1:10					0.0
27/04/2024 1:20					0.0
27/04/2024 1:30					0.0
27/04/2024 1:40					0.0
27/04/2024 1:50					0.0
27/04/2024 2:00					0.0
27/04/2024 2:10					0.0
27/04/2024 2:20					0.0
27/04/2024 2:30					0.0
27/04/2024 2:40					0.0
27/04/2024 2:50					0.0
27/04/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 3:10					0.0
27/04/2024 3:20					0.0
27/04/2024 3:30					0.0
27/04/2024 3:40					0.0
27/04/2024 3:50					0.0
27/04/2024 4:00					0.0
27/04/2024 4:10					0.0
27/04/2024 4:20					0.0
27/04/2024 4:30					0.0
27/04/2024 4:40					0.0
27/04/2024 4:50					0.0
27/04/2024 5:00					0.0
27/04/2024 5:10					0.0
27/04/2024 5:20					0.0
27/04/2024 5:30					0.0
27/04/2024 5:40					0.0
27/04/2024 5:50					0.0
27/04/2024 6:00					0.0
27/04/2024 6:10					0.0
27/04/2024 6:20					0.0
27/04/2024 6:30					0.0
27/04/2024 6:40					0.0
27/04/2024 6:50					0.0
27/04/2024 7:00					0.0
27/04/2024 7:10					0.0
27/04/2024 7:20					0.0
27/04/2024 7:30					0.0
27/04/2024 7:40					0.0
27/04/2024 7:50					0.0
27/04/2024 8:00					0.0
27/04/2024 8:10					0.0
27/04/2024 8:20					0.0
27/04/2024 8:30					0.0
27/04/2024 8:40					0.0
27/04/2024 8:50					0.0
27/04/2024 9:00					0.0
27/04/2024 9:10					0.0
27/04/2024 9:20					0.0
27/04/2024 9:30					0.0
27/04/2024 9:40					0.0
27/04/2024 9:50					0.0
27/04/2024 10:00					0.0
27/04/2024 10:10					0.0
27/04/2024 10:20					0.0
27/04/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 10:40					0.0
27/04/2024 10:50					0.0
27/04/2024 11:00					0.0
27/04/2024 11:10					0.0
27/04/2024 11:20					0.0
27/04/2024 11:30					0.0
27/04/2024 11:40					0.0
27/04/2024 11:50					0.0
27/04/2024 12:00					0.0
27/04/2024 12:10					0.0
27/04/2024 12:20					0.0
27/04/2024 12:30					0.0
27/04/2024 12:40					0.0
27/04/2024 12:50					0.0
27/04/2024 13:00					0.0
27/04/2024 13:10					0.0
27/04/2024 13:20					0.0
27/04/2024 13:30					0.0
27/04/2024 13:40					0.0
27/04/2024 13:50					0.0
27/04/2024 14:00					0.0
27/04/2024 14:10					0.0
27/04/2024 14:20					0.0
27/04/2024 14:30					0.0
27/04/2024 14:40					0.0
27/04/2024 14:50					0.0
27/04/2024 15:00					0.0
27/04/2024 15:10					0.0
27/04/2024 15:20					0.0
27/04/2024 15:30					0.0
27/04/2024 15:40					0.0
27/04/2024 15:50					0.0
27/04/2024 16:00					0.0
27/04/2024 16:10					0.0
27/04/2024 16:20					0.0
27/04/2024 16:30					0.0
27/04/2024 16:40					0.0
27/04/2024 16:50					0.0
27/04/2024 17:00					0.0
27/04/2024 17:10					0.0
27/04/2024 17:20					0.0
27/04/2024 17:30					0.0
27/04/2024 17:40					0.0
27/04/2024 17:50					0.0
27/04/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/04/2024 18:10					0.0
27/04/2024 18:20					0.0
27/04/2024 18:30					0.0
27/04/2024 18:40					0.0
27/04/2024 18:50					0.0
27/04/2024 19:00					0.0
27/04/2024 19:10					0.0
27/04/2024 19:20					0.0
27/04/2024 19:30					0.0
27/04/2024 19:40					0.0
27/04/2024 19:50					0.0
27/04/2024 20:00					0.0
27/04/2024 20:10					0.0
27/04/2024 20:20					0.0
27/04/2024 20:30					0.0
27/04/2024 20:40					0.0
27/04/2024 20:50					0.0
27/04/2024 21:00					0.0
27/04/2024 21:10					0.3
27/04/2024 21:20					0.0
27/04/2024 21:30					0.0
27/04/2024 21:40					0.0
27/04/2024 21:50					0.0
27/04/2024 22:00					0.0
27/04/2024 22:10					0.0
27/04/2024 22:20					0.0
27/04/2024 22:30					0.0
27/04/2024 22:40					0.0
27/04/2024 22:50					0.0
27/04/2024 23:00					0.0
27/04/2024 23:10					0.0
27/04/2024 23:20					0.0
27/04/2024 23:30					0.0
27/04/2024 23:40					0.0
27/04/2024 23:50					0.0
28/04/2024 0:00					0.0
28/04/2024 0:10					0.0
28/04/2024 0:20					0.0
28/04/2024 0:30					0.0
28/04/2024 0:40					0.0
28/04/2024 0:50					0.0
28/04/2024 1:00					0.0
28/04/2024 1:10					0.0
28/04/2024 1:20					0.0
28/04/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 1:40					0.0
28/04/2024 1:50					0.0
28/04/2024 2:00					0.0
28/04/2024 2:10					0.0
28/04/2024 2:20					0.0
28/04/2024 2:30					0.0
28/04/2024 2:40					0.0
28/04/2024 2:50					0.0
28/04/2024 3:00					0.0
28/04/2024 3:10					0.0
28/04/2024 3:20					0.0
28/04/2024 3:30					0.0
28/04/2024 3:40					0.0
28/04/2024 3:50					0.0
28/04/2024 4:00					0.0
28/04/2024 4:10					0.0
28/04/2024 4:20					0.0
28/04/2024 4:30					0.0
28/04/2024 4:40					0.0
28/04/2024 4:50					0.0
28/04/2024 5:00					0.0
28/04/2024 5:10					0.0
28/04/2024 5:20					0.0
28/04/2024 5:30					0.0
28/04/2024 5:40					0.0
28/04/2024 5:50					0.0
28/04/2024 6:00					0.0
28/04/2024 6:10					0.0
28/04/2024 6:20					0.0
28/04/2024 6:30					0.0
28/04/2024 6:40					0.0
28/04/2024 6:50					0.0
28/04/2024 7:00					0.0
28/04/2024 7:10					0.0
28/04/2024 7:20					0.0
28/04/2024 7:30					0.0
28/04/2024 7:40					0.0
28/04/2024 7:50					0.0
28/04/2024 8:00					0.0
28/04/2024 8:10					0.0
28/04/2024 8:20					0.0
28/04/2024 8:30					0.0
28/04/2024 8:40					0.0
28/04/2024 8:50					0.0
28/04/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 9:10					0.0
28/04/2024 9:20					0.0
28/04/2024 9:30					0.0
28/04/2024 9:40					0.0
28/04/2024 9:50					0.0
28/04/2024 10:00					0.0
28/04/2024 10:10					0.0
28/04/2024 10:20					0.0
28/04/2024 10:30					0.0
28/04/2024 10:40					0.0
28/04/2024 10:50					0.0
28/04/2024 11:00					0.0
28/04/2024 11:10					0.0
28/04/2024 11:20					0.0
28/04/2024 11:30					0.0
28/04/2024 11:40					0.0
28/04/2024 11:50					0.0
28/04/2024 12:00					0.0
28/04/2024 12:10					0.0
28/04/2024 12:20					0.0
28/04/2024 12:30					0.0
28/04/2024 12:40					0.0
28/04/2024 12:50					0.0
28/04/2024 13:00					0.0
28/04/2024 13:10					0.0
28/04/2024 13:20					0.0
28/04/2024 13:30					0.0
28/04/2024 13:40					0.0
28/04/2024 13:50					0.0
28/04/2024 14:00					0.0
28/04/2024 14:10					0.0
28/04/2024 14:20					0.0
28/04/2024 14:30					0.0
28/04/2024 14:40					0.0
28/04/2024 14:50					0.0
28/04/2024 15:00					0.0
28/04/2024 15:10					0.0
28/04/2024 15:20					0.0
28/04/2024 15:30					0.0
28/04/2024 15:40					0.0
28/04/2024 15:50					0.0
28/04/2024 16:00					0.0
28/04/2024 16:10					0.0
28/04/2024 16:20					0.0
28/04/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/04/2024 16:40					0.0
28/04/2024 16:50					0.0
28/04/2024 17:00					0.0
28/04/2024 17:10					0.0
28/04/2024 17:20					0.0
28/04/2024 17:30					0.0
28/04/2024 17:40					0.0
28/04/2024 17:50					0.0
28/04/2024 18:00					0.0
28/04/2024 18:10					0.0
28/04/2024 18:20					0.0
28/04/2024 18:30					0.0
28/04/2024 18:40					0.0
28/04/2024 18:50					0.0
28/04/2024 19:00					0.0
28/04/2024 19:10					0.0
28/04/2024 19:20					0.0
28/04/2024 19:30					0.0
28/04/2024 19:40					0.0
28/04/2024 19:50					0.0
28/04/2024 20:00					0.0
28/04/2024 20:10					0.0
28/04/2024 20:20					0.0
28/04/2024 20:30					0.0
28/04/2024 20:40					0.0
28/04/2024 20:50					0.0
28/04/2024 21:00					0.0
28/04/2024 21:10					0.0
28/04/2024 21:20					0.0
28/04/2024 21:30					0.0
28/04/2024 21:40					0.0
28/04/2024 21:50					0.0
28/04/2024 22:00					0.0
28/04/2024 22:10					0.0
28/04/2024 22:20					0.0
28/04/2024 22:30					0.0
28/04/2024 22:40					0.0
28/04/2024 22:50					0.0
28/04/2024 23:00					0.0
28/04/2024 23:10					0.0
28/04/2024 23:20					0.0
28/04/2024 23:30					0.0
28/04/2024 23:40					0.0
28/04/2024 23:50					0.0
29/04/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 0:10					0.0
29/04/2024 0:20					0.0
29/04/2024 0:30					0.0
29/04/2024 0:40					0.0
29/04/2024 0:50					0.0
29/04/2024 1:00					0.0
29/04/2024 1:10					0.0
29/04/2024 1:20					0.0
29/04/2024 1:30					0.0
29/04/2024 1:40					0.0
29/04/2024 1:50					0.0
29/04/2024 2:00					0.0
29/04/2024 2:10					0.0
29/04/2024 2:20					0.0
29/04/2024 2:30					0.0
29/04/2024 2:40					0.0
29/04/2024 2:50					0.0
29/04/2024 3:00					0.0
29/04/2024 3:10					0.0
29/04/2024 3:20					0.0
29/04/2024 3:30					0.0
29/04/2024 3:40					0.0
29/04/2024 3:50					0.0
29/04/2024 4:00					0.0
29/04/2024 4:10					0.0
29/04/2024 4:20					0.0
29/04/2024 4:30					0.0
29/04/2024 4:40					0.0
29/04/2024 4:50					0.0
29/04/2024 5:00					0.0
29/04/2024 5:10					0.0
29/04/2024 5:20					0.0
29/04/2024 5:30					0.0
29/04/2024 5:40					0.0
29/04/2024 5:50					0.0
29/04/2024 6:00					0.0
29/04/2024 6:10					0.0
29/04/2024 6:20					0.0
29/04/2024 6:30					0.0
29/04/2024 6:40					0.0
29/04/2024 6:50					0.0
29/04/2024 7:00					0.0
29/04/2024 7:10					0.0
29/04/2024 7:20					0.0
29/04/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 7:40					0.0
29/04/2024 7:50					0.0
29/04/2024 8:00					0.0
29/04/2024 8:10					0.0
29/04/2024 8:20					0.0
29/04/2024 8:30					0.0
29/04/2024 8:40					0.0
29/04/2024 8:50					0.0
29/04/2024 9:00					0.0
29/04/2024 9:10					0.0
29/04/2024 9:20					0.0
29/04/2024 9:30					0.0
29/04/2024 9:40					0.0
29/04/2024 9:50					0.0
29/04/2024 10:00					0.0
29/04/2024 10:10					0.0
29/04/2024 10:20					0.0
29/04/2024 10:30					0.0
29/04/2024 10:40					0.0
29/04/2024 10:50					0.0
29/04/2024 11:00					0.0
29/04/2024 11:10					0.0
29/04/2024 11:20					0.0
29/04/2024 11:30					0.0
29/04/2024 11:40					0.0
29/04/2024 11:50					0.0
29/04/2024 12:00					0.0
29/04/2024 12:10					0.0
29/04/2024 12:20					0.0
29/04/2024 12:30					0.0
29/04/2024 12:40					0.0
29/04/2024 12:50					0.0
29/04/2024 13:00					0.0
29/04/2024 13:10					0.0
29/04/2024 13:20					0.0
29/04/2024 13:30					0.0
29/04/2024 13:40					0.0
29/04/2024 13:50					0.0
29/04/2024 14:00					0.0
29/04/2024 14:10					0.0
29/04/2024 14:20					0.0
29/04/2024 14:30					0.0
29/04/2024 14:40					0.0
29/04/2024 14:50					0.0
29/04/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 15:10					0.0
29/04/2024 15:20					0.0
29/04/2024 15:30					0.0
29/04/2024 15:40					0.0
29/04/2024 15:50					0.0
29/04/2024 16:00					0.0
29/04/2024 16:10					0.0
29/04/2024 16:20					0.0
29/04/2024 16:30					0.0
29/04/2024 16:40					0.0
29/04/2024 16:50					0.0
29/04/2024 17:00					0.0
29/04/2024 17:10					0.0
29/04/2024 17:20					0.0
29/04/2024 17:30					0.0
29/04/2024 17:40					0.0
29/04/2024 17:50					0.0
29/04/2024 18:00					0.0
29/04/2024 18:10					0.0
29/04/2024 18:20					0.0
29/04/2024 18:30					0.0
29/04/2024 18:40					0.0
29/04/2024 18:50					0.0
29/04/2024 19:00					0.0
29/04/2024 19:10					0.0
29/04/2024 19:20					0.0
29/04/2024 19:30					0.0
29/04/2024 19:40					0.0
29/04/2024 19:50					0.0
29/04/2024 20:00					0.0
29/04/2024 20:10					0.0
29/04/2024 20:20					0.0
29/04/2024 20:30					0.0
29/04/2024 20:40					0.0
29/04/2024 20:50					0.0
29/04/2024 21:00					0.0
29/04/2024 21:10					0.0
29/04/2024 21:20					0.0
29/04/2024 21:30					0.0
29/04/2024 21:40					0.0
29/04/2024 21:50					0.0
29/04/2024 22:00					0.0
29/04/2024 22:10					0.0
29/04/2024 22:20					0.0
29/04/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/04/2024 22:40					0.0
29/04/2024 22:50					0.0
29/04/2024 23:00					0.0
29/04/2024 23:10					0.0
29/04/2024 23:20					0.0
29/04/2024 23:30					0.0
29/04/2024 23:40					0.0
29/04/2024 23:50					0.0
30/04/2024 0:00					0.0
30/04/2024 0:10					0.0
30/04/2024 0:20					0.0
30/04/2024 0:30					0.0
30/04/2024 0:40					0.0
30/04/2024 0:50					0.0
30/04/2024 1:00					0.0
30/04/2024 1:10					0.0
30/04/2024 1:20					0.0
30/04/2024 1:30					0.0
30/04/2024 1:40					0.0
30/04/2024 1:50					0.0
30/04/2024 2:00					0.0
30/04/2024 2:10					0.0
30/04/2024 2:20					0.0
30/04/2024 2:30					0.0
30/04/2024 2:40					0.0
30/04/2024 2:50					0.0
30/04/2024 3:00					0.0
30/04/2024 3:10					0.0
30/04/2024 3:20					0.0
30/04/2024 3:30					0.0
30/04/2024 3:40					0.0
30/04/2024 3:50					0.0
30/04/2024 4:00					0.0
30/04/2024 4:10					0.0
30/04/2024 4:20					0.0
30/04/2024 4:30					0.0
30/04/2024 4:40					0.0
30/04/2024 4:50					0.0
30/04/2024 5:00					0.0
30/04/2024 5:10					0.0
30/04/2024 5:20					0.0
30/04/2024 5:30					0.0
30/04/2024 5:40					0.0
30/04/2024 5:50					0.0
30/04/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 6:10					0.0
30/04/2024 6:20					0.0
30/04/2024 6:30					0.0
30/04/2024 6:40					0.0
30/04/2024 6:50					0.0
30/04/2024 7:00					0.0
30/04/2024 7:10					0.0
30/04/2024 7:20					0.0
30/04/2024 7:30					0.0
30/04/2024 7:40					0.0
30/04/2024 7:50					0.0
30/04/2024 8:00					0.0
30/04/2024 8:10					0.0
30/04/2024 8:20					0.0
30/04/2024 8:30					0.0
30/04/2024 8:40					0.0
30/04/2024 8:50					0.0
30/04/2024 9:00					0.0
30/04/2024 9:10					0.0
30/04/2024 9:20					0.0
30/04/2024 9:30					0.0
30/04/2024 9:40					0.0
30/04/2024 9:50					0.0
30/04/2024 10:00					0.0
30/04/2024 10:10					0.0
30/04/2024 10:20					0.0
30/04/2024 10:30					0.0
30/04/2024 10:40					0.0
30/04/2024 10:50					0.0
30/04/2024 11:00					0.0
30/04/2024 11:10					0.0
30/04/2024 11:20					0.0
30/04/2024 11:30					0.0
30/04/2024 11:40					0.0
30/04/2024 11:50					0.0
30/04/2024 12:00					0.0
30/04/2024 12:10					0.0
30/04/2024 12:20					0.0
30/04/2024 12:30					0.0
30/04/2024 12:40					0.0
30/04/2024 12:50					0.0
30/04/2024 13:00					0.0
30/04/2024 13:10					0.0
30/04/2024 13:20					0.0
30/04/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 13:40					0.0
30/04/2024 13:50					0.0
30/04/2024 14:00					0.0
30/04/2024 14:10					0.0
30/04/2024 14:20					0.0
30/04/2024 14:30					0.0
30/04/2024 14:40					0.0
30/04/2024 14:50					0.0
30/04/2024 15:00					0.0
30/04/2024 15:10					0.0
30/04/2024 15:20					0.0
30/04/2024 15:30					0.0
30/04/2024 15:40					0.0
30/04/2024 15:50					0.0
30/04/2024 16:00					0.0
30/04/2024 16:10					0.0
30/04/2024 16:20					0.0
30/04/2024 16:30					0.0
30/04/2024 16:40					0.0
30/04/2024 16:50					0.0
30/04/2024 17:00					0.0
30/04/2024 17:10					0.0
30/04/2024 17:20					0.0
30/04/2024 17:30					0.0
30/04/2024 17:40					0.0
30/04/2024 17:50					0.0
30/04/2024 18:00					0.0
30/04/2024 18:10					0.0
30/04/2024 18:20					0.0
30/04/2024 18:30					0.0
30/04/2024 18:40					0.0
30/04/2024 18:50					0.0
30/04/2024 19:00					0.0
30/04/2024 19:10					0.0
30/04/2024 19:20					0.0
30/04/2024 19:30					0.0
30/04/2024 19:40					0.0
30/04/2024 19:50					0.0
30/04/2024 20:00					0.0
30/04/2024 20:10					0.0
30/04/2024 20:20					0.0
30/04/2024 20:30					0.0
30/04/2024 20:40					0.0
30/04/2024 20:50					0.0
30/04/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/04/2024 21:10					0.0
30/04/2024 21:20					0.0
30/04/2024 21:30					0.0
30/04/2024 21:40					0.0
30/04/2024 21:50					0.0
30/04/2024 22:00					0.0
30/04/2024 22:10					0.0
30/04/2024 22:20					0.0
30/04/2024 22:30					0.0
30/04/2024 22:40					0.0
30/04/2024 22:50					0.0
30/04/2024 23:00					0.0
30/04/2024 23:10					0.0
30/04/2024 23:20					0.0
30/04/2024 23:30					0.0
30/04/2024 23:40					0.0
30/04/2024 23:50					0.0
1/05/2024 0:00					0.0
1/05/2024 0:10					0.0
1/05/2024 0:20					0.0
1/05/2024 0:30					0.0
1/05/2024 0:40					0.0
1/05/2024 0:50					0.0
1/05/2024 1:00					0.0
1/05/2024 1:10					0.0
1/05/2024 1:20					0.0
1/05/2024 1:30					0.0
1/05/2024 1:40					0.0
1/05/2024 1:50					0.0
1/05/2024 2:00					0.0
1/05/2024 2:10					0.0
1/05/2024 2:20					0.0
1/05/2024 2:30					0.0
1/05/2024 2:40					0.0
1/05/2024 2:50					0.0
1/05/2024 3:00					0.0
1/05/2024 3:10					0.0
1/05/2024 3:20					0.0
1/05/2024 3:30					0.0
1/05/2024 3:40					0.0
1/05/2024 3:50					0.0
1/05/2024 4:00					0.0
1/05/2024 4:10					0.0
1/05/2024 4:20					0.0
1/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/05/2024 4:40					0.0
1/05/2024 4:50					0.0
1/05/2024 5:00					0.0
1/05/2024 5:10					0.0
1/05/2024 5:20					0.0
1/05/2024 5:30					0.0
1/05/2024 5:40					0.0
1/05/2024 5:50					0.0
1/05/2024 6:00					0.0
1/05/2024 6:10					0.0
1/05/2024 6:20					0.0
1/05/2024 6:30					0.0
1/05/2024 6:40					0.0
1/05/2024 6:50					0.0
1/05/2024 7:00					0.0
1/05/2024 7:10					0.0
1/05/2024 7:20					0.0
1/05/2024 7:30					0.0
1/05/2024 7:40					0.0
1/05/2024 7:50					0.0
1/05/2024 8:00					0.0
1/05/2024 8:10					0.0
1/05/2024 8:20					0.0
1/05/2024 8:30					0.0
1/05/2024 8:40					0.0
1/05/2024 8:50					0.0
1/05/2024 9:00					0.0
1/05/2024 9:10					0.0
1/05/2024 9:20					0.0
1/05/2024 9:30					0.0
1/05/2024 9:40					0.0
1/05/2024 9:50					0.0
1/05/2024 10:00					0.0
1/05/2024 10:10					0.0
1/05/2024 10:20					0.0
1/05/2024 10:30					0.0
1/05/2024 10:40					0.0
1/05/2024 10:50					0.0
1/05/2024 11:00					0.0
1/05/2024 11:10					0.0
1/05/2024 11:20					0.0
1/05/2024 11:30					0.0
1/05/2024 11:40					0.1
1/05/2024 11:50					0.0
1/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/05/2024 12:10					0.0
1/05/2024 12:20					0.0
1/05/2024 12:30					0.0
1/05/2024 12:40					0.0
1/05/2024 12:50					0.0
1/05/2024 13:00					0.0
1/05/2024 13:10					0.0
1/05/2024 13:20					0.0
1/05/2024 13:30					0.0
1/05/2024 13:40					0.0
1/05/2024 13:50					0.0
1/05/2024 14:00					0.0
1/05/2024 14:10					0.0
1/05/2024 14:20					0.0
1/05/2024 14:30					0.0
1/05/2024 14:40					0.0
1/05/2024 14:50					0.0
1/05/2024 15:00					0.0
1/05/2024 15:10					0.0
1/05/2024 15:20					0.0
1/05/2024 15:30					0.0
1/05/2024 15:40					0.0
1/05/2024 15:50					0.0
1/05/2024 16:00					0.0
1/05/2024 16:10					0.0
1/05/2024 16:20					0.0
1/05/2024 16:30					0.0
1/05/2024 16:40					0.0
1/05/2024 16:50					0.0
1/05/2024 17:00					0.0
1/05/2024 17:10					0.0
1/05/2024 17:20					0.0
1/05/2024 17:30					0.0
1/05/2024 17:40					0.0
1/05/2024 17:50					0.0
1/05/2024 18:00					0.0
1/05/2024 18:10					0.0
1/05/2024 18:20					0.0
1/05/2024 18:30					0.0
1/05/2024 18:40					0.0
1/05/2024 18:50					0.0
1/05/2024 19:00					0.0
1/05/2024 19:10					0.0
1/05/2024 19:20					0.0
1/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/05/2024 19:40					0.0
1/05/2024 19:50					0.0
1/05/2024 20:00					0.0
1/05/2024 20:10					0.0
1/05/2024 20:20					0.0
1/05/2024 20:30					0.0
1/05/2024 20:40					0.0
1/05/2024 20:50					0.0
1/05/2024 21:00					0.0
1/05/2024 21:10					0.0
1/05/2024 21:20					0.0
1/05/2024 21:30					0.0
1/05/2024 21:40					0.0
1/05/2024 21:50					0.0
1/05/2024 22:00					0.0
1/05/2024 22:10					0.0
1/05/2024 22:20					0.0
1/05/2024 22:30					0.0
1/05/2024 22:40					0.0
1/05/2024 22:50					0.0
1/05/2024 23:00					0.0
1/05/2024 23:10					0.0
1/05/2024 23:20					0.0
1/05/2024 23:30					0.0
1/05/2024 23:40					0.0
1/05/2024 23:50					0.0
2/05/2024 0:00					0.0
2/05/2024 0:10					0.0
2/05/2024 0:20					0.0
2/05/2024 0:30					0.0
2/05/2024 0:40					0.0
2/05/2024 0:50					0.0
2/05/2024 1:00					0.0
2/05/2024 1:10					0.0
2/05/2024 1:20					0.0
2/05/2024 1:30					0.0
2/05/2024 1:40					0.0
2/05/2024 1:50					0.0
2/05/2024 2:00					0.0
2/05/2024 2:10					0.0
2/05/2024 2:20					0.0
2/05/2024 2:30					0.0
2/05/2024 2:40					0.0
2/05/2024 2:50					0.0
2/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/05/2024 3:10					0.0
2/05/2024 3:20					0.0
2/05/2024 3:30					0.0
2/05/2024 3:40					0.0
2/05/2024 3:50					0.0
2/05/2024 4:00					0.0
2/05/2024 4:10					0.0
2/05/2024 4:20					0.0
2/05/2024 4:30					0.0
2/05/2024 4:40					0.0
2/05/2024 4:50					0.0
2/05/2024 5:00					0.0
2/05/2024 5:10					0.0
2/05/2024 5:20					0.0
2/05/2024 5:30					0.0
2/05/2024 5:40					0.0
2/05/2024 5:50					0.0
2/05/2024 6:00					0.0
2/05/2024 6:10					0.0
2/05/2024 6:20					0.0
2/05/2024 6:30					0.0
2/05/2024 6:40					0.0
2/05/2024 6:50					0.0
2/05/2024 7:00					0.0
2/05/2024 7:10					0.0
2/05/2024 7:20					0.0
2/05/2024 7:30					0.0
2/05/2024 7:40					0.0
2/05/2024 7:50					0.0
2/05/2024 8:00					0.0
2/05/2024 8:10					0.0
2/05/2024 8:20					0.0
2/05/2024 8:30					0.0
2/05/2024 8:40					0.0
2/05/2024 8:50					0.0
2/05/2024 9:00					0.0
2/05/2024 9:10					0.0
2/05/2024 9:20					0.0
2/05/2024 9:30					0.0
2/05/2024 9:40					0.0
2/05/2024 9:50					0.0
2/05/2024 10:00					0.0
2/05/2024 10:10					0.0
2/05/2024 10:20					0.0
2/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/05/2024 10:40					0.0
2/05/2024 10:50					0.0
2/05/2024 11:00					0.0
2/05/2024 11:10					0.0
2/05/2024 11:20					0.0
2/05/2024 11:30					0.0
2/05/2024 11:40					0.0
2/05/2024 11:50					0.0
2/05/2024 12:00					0.0
2/05/2024 12:10					0.0
2/05/2024 12:20					0.0
2/05/2024 12:30					0.0
2/05/2024 12:40					0.0
2/05/2024 12:50					0.0
2/05/2024 13:00					0.0
2/05/2024 13:10					0.0
2/05/2024 13:20					0.0
2/05/2024 13:30					0.0
2/05/2024 13:40					0.0
2/05/2024 13:50					0.0
2/05/2024 14:00					0.0
2/05/2024 14:10					0.0
2/05/2024 14:20					0.0
2/05/2024 14:30					0.0
2/05/2024 14:40					0.0
2/05/2024 14:50					0.0
2/05/2024 15:00					0.0
2/05/2024 15:10					0.0
2/05/2024 15:20					0.0
2/05/2024 15:30					0.0
2/05/2024 15:40					0.0
2/05/2024 15:50					0.0
2/05/2024 16:00					0.0
2/05/2024 16:10					0.0
2/05/2024 16:20					0.0
2/05/2024 16:30					0.0
2/05/2024 16:40					0.0
2/05/2024 16:50					0.0
2/05/2024 17:00					0.0
2/05/2024 17:10					0.0
2/05/2024 17:20					0.0
2/05/2024 17:30					0.0
2/05/2024 17:40					0.0
2/05/2024 17:50					0.0
2/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/05/2024 18:10					0.0
2/05/2024 18:20					0.0
2/05/2024 18:30					0.0
2/05/2024 18:40					0.0
2/05/2024 18:50					0.0
2/05/2024 19:00					0.0
2/05/2024 19:10					0.0
2/05/2024 19:20					0.0
2/05/2024 19:30					0.0
2/05/2024 19:40					0.0
2/05/2024 19:50					0.0
2/05/2024 20:00					0.0
2/05/2024 20:10					0.0
2/05/2024 20:20					0.0
2/05/2024 20:30					0.0
2/05/2024 20:40					0.0
2/05/2024 20:50					0.0
2/05/2024 21:00					0.0
2/05/2024 21:10					0.0
2/05/2024 21:20					0.0
2/05/2024 21:30					0.0
2/05/2024 21:40					0.0
2/05/2024 21:50					0.0
2/05/2024 22:00					0.0
2/05/2024 22:10					0.0
2/05/2024 22:20					0.0
2/05/2024 22:30					0.0
2/05/2024 22:40					0.0
2/05/2024 22:50					0.0
2/05/2024 23:00					0.0
2/05/2024 23:10					0.0
2/05/2024 23:20					0.0
2/05/2024 23:30					0.0
2/05/2024 23:40					0.0
2/05/2024 23:50					0.0
3/05/2024 0:00					0.0
3/05/2024 0:10					0.0
3/05/2024 0:20					0.0
3/05/2024 0:30					0.0
3/05/2024 0:40					0.0
3/05/2024 0:50					0.0
3/05/2024 1:00					0.0
3/05/2024 1:10					0.0
3/05/2024 1:20					0.0
3/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/05/2024 1:40					0.0
3/05/2024 1:50					0.0
3/05/2024 2:00					0.0
3/05/2024 2:10					0.0
3/05/2024 2:20					0.0
3/05/2024 2:30					0.0
3/05/2024 2:40					0.0
3/05/2024 2:50					0.0
3/05/2024 3:00					0.0
3/05/2024 3:10					0.0
3/05/2024 3:20					0.0
3/05/2024 3:30					0.0
3/05/2024 3:40					0.0
3/05/2024 3:50					0.0
3/05/2024 4:00					0.0
3/05/2024 4:10					0.0
3/05/2024 4:20					0.0
3/05/2024 4:30					0.0
3/05/2024 4:40					0.0
3/05/2024 4:50					0.0
3/05/2024 5:00					0.0
3/05/2024 5:10					0.0
3/05/2024 5:20					0.0
3/05/2024 5:30					0.0
3/05/2024 5:40					0.0
3/05/2024 5:50					0.0
3/05/2024 6:00					0.0
3/05/2024 6:10					0.0
3/05/2024 6:20					0.0
3/05/2024 6:30					0.0
3/05/2024 6:40					0.0
3/05/2024 6:50					0.0
3/05/2024 7:00					0.0
3/05/2024 7:10					0.0
3/05/2024 7:20					0.0
3/05/2024 7:30					0.0
3/05/2024 7:40					0.0
3/05/2024 7:50					0.0
3/05/2024 8:00					0.0
3/05/2024 8:10					0.0
3/05/2024 8:20					0.0
3/05/2024 8:30					0.0
3/05/2024 8:40					0.0
3/05/2024 8:50					0.0
3/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/05/2024 9:10					0.0
3/05/2024 9:20					0.0
3/05/2024 9:30					0.0
3/05/2024 9:40					0.0
3/05/2024 9:50					0.0
3/05/2024 10:00					0.0
3/05/2024 10:10					0.0
3/05/2024 10:20					0.0
3/05/2024 10:30					0.0
3/05/2024 10:40					0.0
3/05/2024 10:50					0.0
3/05/2024 11:00					0.0
3/05/2024 11:10					0.0
3/05/2024 11:20					0.0
3/05/2024 11:30					0.0
3/05/2024 11:40					0.0
3/05/2024 11:50					0.0
3/05/2024 12:00					0.0
3/05/2024 12:10					0.0
3/05/2024 12:20					0.0
3/05/2024 12:30					0.0
3/05/2024 12:40					0.0
3/05/2024 12:50					0.0
3/05/2024 13:00					0.0
3/05/2024 13:10					0.0
3/05/2024 13:20					0.0
3/05/2024 13:30					0.0
3/05/2024 13:40					0.0
3/05/2024 13:50					0.0
3/05/2024 14:00					0.0
3/05/2024 14:10					0.0
3/05/2024 14:20					0.0
3/05/2024 14:30					0.0
3/05/2024 14:40					0.0
3/05/2024 14:50					0.0
3/05/2024 15:00					0.0
3/05/2024 15:10					0.0
3/05/2024 15:20					0.0
3/05/2024 15:30					0.0
3/05/2024 15:40					0.0
3/05/2024 15:50					0.0
3/05/2024 16:00					0.0
3/05/2024 16:10					0.0
3/05/2024 16:20					0.0
3/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/05/2024 16:40					0.0
3/05/2024 16:50					0.0
3/05/2024 17:00					0.0
3/05/2024 17:10					0.0
3/05/2024 17:20					0.0
3/05/2024 17:30					0.0
3/05/2024 17:40					0.0
3/05/2024 17:50					0.0
3/05/2024 18:00					0.0
3/05/2024 18:10					0.0
3/05/2024 18:20					0.0
3/05/2024 18:30					0.0
3/05/2024 18:40					0.0
3/05/2024 18:50					0.0
3/05/2024 19:00					0.0
3/05/2024 19:10					0.0
3/05/2024 19:20					0.0
3/05/2024 19:30					0.0
3/05/2024 19:40					0.0
3/05/2024 19:50					0.0
3/05/2024 20:00					0.0
3/05/2024 20:10					0.0
3/05/2024 20:20					0.0
3/05/2024 20:30					0.0
3/05/2024 20:40					0.0
3/05/2024 20:50					0.0
3/05/2024 21:00					0.0
3/05/2024 21:10					0.0
3/05/2024 21:20					0.0
3/05/2024 21:30					0.0
3/05/2024 21:40					0.0
3/05/2024 21:50					0.0
3/05/2024 22:00					0.0
3/05/2024 22:10					0.0
3/05/2024 22:20					0.0
3/05/2024 22:30					0.0
3/05/2024 22:40					0.0
3/05/2024 22:50					0.0
3/05/2024 23:00					0.0
3/05/2024 23:10					0.0
3/05/2024 23:20					0.0
3/05/2024 23:30					0.0
3/05/2024 23:40					0.0
3/05/2024 23:50					0.0
4/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/05/2024 0:10					0.0
4/05/2024 0:20					0.0
4/05/2024 0:30					0.0
4/05/2024 0:40					0.0
4/05/2024 0:50					0.0
4/05/2024 1:00					0.0
4/05/2024 1:10					0.0
4/05/2024 1:20					0.0
4/05/2024 1:30					0.0
4/05/2024 1:40					0.0
4/05/2024 1:50					0.0
4/05/2024 2:00					0.0
4/05/2024 2:10					0.0
4/05/2024 2:20					0.0
4/05/2024 2:30					0.0
4/05/2024 2:40					0.0
4/05/2024 2:50					0.0
4/05/2024 3:00					0.0
4/05/2024 3:10					0.0
4/05/2024 3:20					0.0
4/05/2024 3:30					0.0
4/05/2024 3:40					0.0
4/05/2024 3:50					0.0
4/05/2024 4:00					0.0
4/05/2024 4:10					0.0
4/05/2024 4:20					0.0
4/05/2024 4:30					0.0
4/05/2024 4:40					0.0
4/05/2024 4:50					0.0
4/05/2024 5:00					0.0
4/05/2024 5:10					0.0
4/05/2024 5:20					0.0
4/05/2024 5:30					0.0
4/05/2024 5:40					0.0
4/05/2024 5:50					0.0
4/05/2024 6:00					0.0
4/05/2024 6:10					0.0
4/05/2024 6:20					0.0
4/05/2024 6:30					0.0
4/05/2024 6:40					0.0
4/05/2024 6:50					0.0
4/05/2024 7:00					0.0
4/05/2024 7:10					0.0
4/05/2024 7:20					0.0
4/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/05/2024 7:40					0.0
4/05/2024 7:50					0.0
4/05/2024 8:00					0.0
4/05/2024 8:10					0.0
4/05/2024 8:20					0.0
4/05/2024 8:30					0.0
4/05/2024 8:40					0.0
4/05/2024 8:50					0.0
4/05/2024 9:00					0.0
4/05/2024 9:10					0.0
4/05/2024 9:20					0.0
4/05/2024 9:30					0.0
4/05/2024 9:40					0.0
4/05/2024 9:50					0.0
4/05/2024 10:00					0.0
4/05/2024 10:10					0.0
4/05/2024 10:20					0.0
4/05/2024 10:30					0.0
4/05/2024 10:40					0.0
4/05/2024 10:50					0.0
4/05/2024 11:00					0.0
4/05/2024 11:10					0.0
4/05/2024 11:20					0.0
4/05/2024 11:30					0.0
4/05/2024 11:40					0.0
4/05/2024 11:50					0.0
4/05/2024 12:00					0.0
4/05/2024 12:10					0.0
4/05/2024 12:20					0.0
4/05/2024 12:30					0.0
4/05/2024 12:40					0.0
4/05/2024 12:50					0.0
4/05/2024 13:00					0.0
4/05/2024 13:10					0.0
4/05/2024 13:20					0.0
4/05/2024 13:30					0.0
4/05/2024 13:40					0.0
4/05/2024 13:50					0.0
4/05/2024 14:00					0.0
4/05/2024 14:10					0.0
4/05/2024 14:20					0.0
4/05/2024 14:30					0.0
4/05/2024 14:40					0.0
4/05/2024 14:50					0.0
4/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/05/2024 15:10					0.0
4/05/2024 15:20					0.0
4/05/2024 15:30					0.0
4/05/2024 15:40					0.0
4/05/2024 15:50					0.0
4/05/2024 16:00					0.0
4/05/2024 16:10					0.0
4/05/2024 16:20					0.0
4/05/2024 16:30					0.0
4/05/2024 16:40					0.0
4/05/2024 16:50					0.0
4/05/2024 17:00					0.0
4/05/2024 17:10					0.0
4/05/2024 17:20					0.0
4/05/2024 17:30					0.0
4/05/2024 17:40					0.0
4/05/2024 17:50					0.0
4/05/2024 18:00					0.0
4/05/2024 18:10					0.0
4/05/2024 18:20					0.0
4/05/2024 18:30					0.0
4/05/2024 18:40					0.0
4/05/2024 18:50					0.0
4/05/2024 19:00					0.0
4/05/2024 19:10					0.0
4/05/2024 19:20					0.0
4/05/2024 19:30					0.0
4/05/2024 19:40					0.0
4/05/2024 19:50					0.0
4/05/2024 20:00					0.0
4/05/2024 20:10					0.0
4/05/2024 20:20					0.0
4/05/2024 20:30					0.0
4/05/2024 20:40					0.0
4/05/2024 20:50					0.0
4/05/2024 21:00					0.0
4/05/2024 21:10					0.0
4/05/2024 21:20					0.0
4/05/2024 21:30					0.0
4/05/2024 21:40					0.0
4/05/2024 21:50					0.0
4/05/2024 22:00					0.0
4/05/2024 22:10					0.0
4/05/2024 22:20					0.0
4/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/05/2024 22:40					0.0
4/05/2024 22:50					0.0
4/05/2024 23:00					0.0
4/05/2024 23:10					0.0
4/05/2024 23:20					0.0
4/05/2024 23:30					0.0
4/05/2024 23:40					0.0
4/05/2024 23:50					0.0
5/05/2024 0:00					0.0
5/05/2024 0:10					0.0
5/05/2024 0:20					0.0
5/05/2024 0:30					0.0
5/05/2024 0:40					0.0
5/05/2024 0:50					0.0
5/05/2024 1:00					0.0
5/05/2024 1:10					0.0
5/05/2024 1:20					0.0
5/05/2024 1:30					0.0
5/05/2024 1:40					0.0
5/05/2024 1:50					0.0
5/05/2024 2:00					0.0
5/05/2024 2:10					0.0
5/05/2024 2:20					0.0
5/05/2024 2:30					0.0
5/05/2024 2:40					0.0
5/05/2024 2:50					0.0
5/05/2024 3:00					0.0
5/05/2024 3:10					0.0
5/05/2024 3:20					0.0
5/05/2024 3:30					0.0
5/05/2024 3:40					0.0
5/05/2024 3:50					0.0
5/05/2024 4:00					0.0
5/05/2024 4:10					0.0
5/05/2024 4:20					0.0
5/05/2024 4:30					0.0
5/05/2024 4:40					0.0
5/05/2024 4:50					0.0
5/05/2024 5:00					0.0
5/05/2024 5:10					0.0
5/05/2024 5:20					0.0
5/05/2024 5:30					0.0
5/05/2024 5:40					0.0
5/05/2024 5:50					0.0
5/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/05/2024 6:10					0.0
5/05/2024 6:20					0.0
5/05/2024 6:30					0.0
5/05/2024 6:40					0.0
5/05/2024 6:50					0.0
5/05/2024 7:00					0.0
5/05/2024 7:10					0.0
5/05/2024 7:20					0.0
5/05/2024 7:30					0.0
5/05/2024 7:40					0.0
5/05/2024 7:50					0.0
5/05/2024 8:00					0.0
5/05/2024 8:10					0.0
5/05/2024 8:20					0.0
5/05/2024 8:30					0.0
5/05/2024 8:40					0.0
5/05/2024 8:50					0.0
5/05/2024 9:00					0.0
5/05/2024 9:10					0.0
5/05/2024 9:20					0.0
5/05/2024 9:30					0.0
5/05/2024 9:40					0.0
5/05/2024 9:50					0.0
5/05/2024 10:00					0.0
5/05/2024 10:10					0.0
5/05/2024 10:20					0.0
5/05/2024 10:30					0.0
5/05/2024 10:40					0.0
5/05/2024 10:50					0.0
5/05/2024 11:00					0.0
5/05/2024 11:10					0.0
5/05/2024 11:20					0.0
5/05/2024 11:30					0.0
5/05/2024 11:40					0.0
5/05/2024 11:50					0.0
5/05/2024 12:00					0.0
5/05/2024 12:10					0.0
5/05/2024 12:20					0.0
5/05/2024 12:30					0.0
5/05/2024 12:40					0.0
5/05/2024 12:50					0.0
5/05/2024 13:00					0.0
5/05/2024 13:10					0.0
5/05/2024 13:20					0.0
5/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/05/2024 13:40					0.0
5/05/2024 13:50					0.0
5/05/2024 14:00					0.0
5/05/2024 14:10					0.0
5/05/2024 14:20					0.0
5/05/2024 14:30					0.0
5/05/2024 14:40					0.0
5/05/2024 14:50					0.0
5/05/2024 15:00					0.0
5/05/2024 15:10					0.0
5/05/2024 15:20					0.0
5/05/2024 15:30					0.0
5/05/2024 15:40					0.0
5/05/2024 15:50					0.0
5/05/2024 16:00					0.0
5/05/2024 16:10					0.0
5/05/2024 16:20					0.0
5/05/2024 16:30					0.0
5/05/2024 16:40					0.0
5/05/2024 16:50					0.0
5/05/2024 17:00					0.0
5/05/2024 17:10					0.0
5/05/2024 17:20					0.0
5/05/2024 17:30					0.0
5/05/2024 17:40					0.0
5/05/2024 17:50					0.0
5/05/2024 18:00					0.0
5/05/2024 18:10					0.0
5/05/2024 18:20					0.0
5/05/2024 18:30					0.0
5/05/2024 18:40					0.0
5/05/2024 18:50					0.0
5/05/2024 19:00					0.0
5/05/2024 19:10					0.0
5/05/2024 19:20					0.0
5/05/2024 19:30					0.0
5/05/2024 19:40					0.0
5/05/2024 19:50					0.0
5/05/2024 20:00					0.0
5/05/2024 20:10					0.0
5/05/2024 20:20					0.0
5/05/2024 20:30					0.0
5/05/2024 20:40					0.0
5/05/2024 20:50					0.0
5/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/05/2024 21:10					0.0
5/05/2024 21:20					0.0
5/05/2024 21:30					0.0
5/05/2024 21:40					0.0
5/05/2024 21:50					0.0
5/05/2024 22:00					0.0
5/05/2024 22:10					0.0
5/05/2024 22:20					0.0
5/05/2024 22:30					0.0
5/05/2024 22:40					0.0
5/05/2024 22:50					0.0
5/05/2024 23:00					0.0
5/05/2024 23:10					0.0
5/05/2024 23:20					0.0
5/05/2024 23:30					0.0
5/05/2024 23:40					0.0
5/05/2024 23:50					0.0
6/05/2024 0:00					0.0
6/05/2024 0:10					0.0
6/05/2024 0:20					0.0
6/05/2024 0:30					0.0
6/05/2024 0:40					0.0
6/05/2024 0:50					0.0
6/05/2024 1:00					0.0
6/05/2024 1:10					0.0
6/05/2024 1:20					0.0
6/05/2024 1:30					0.0
6/05/2024 1:40					0.0
6/05/2024 1:50					0.0
6/05/2024 2:00					0.0
6/05/2024 2:10					0.0
6/05/2024 2:20					0.0
6/05/2024 2:30					0.0
6/05/2024 2:40					0.0
6/05/2024 2:50					0.0
6/05/2024 3:00					0.0
6/05/2024 3:10					0.0
6/05/2024 3:20					0.0
6/05/2024 3:30					0.0
6/05/2024 3:40					0.0
6/05/2024 3:50					0.0
6/05/2024 4:00					0.0
6/05/2024 4:10					0.0
6/05/2024 4:20					0.0
6/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/05/2024 4:40					0.0
6/05/2024 4:50					0.0
6/05/2024 5:00					0.0
6/05/2024 5:10					0.0
6/05/2024 5:20					0.0
6/05/2024 5:30					0.0
6/05/2024 5:40					0.0
6/05/2024 5:50					0.0
6/05/2024 6:00					0.0
6/05/2024 6:10					0.0
6/05/2024 6:20					0.0
6/05/2024 6:30					0.0
6/05/2024 6:40					0.0
6/05/2024 6:50					0.0
6/05/2024 7:00					0.0
6/05/2024 7:10					0.0
6/05/2024 7:20					0.0
6/05/2024 7:30					0.0
6/05/2024 7:40					0.0
6/05/2024 7:50					0.0
6/05/2024 8:00					0.0
6/05/2024 8:10					0.0
6/05/2024 8:20					0.0
6/05/2024 8:30					0.0
6/05/2024 8:40					0.0
6/05/2024 8:50					0.0
6/05/2024 9:00					0.0
6/05/2024 9:10					0.0
6/05/2024 9:20					0.0
6/05/2024 9:30					0.0
6/05/2024 9:40					0.0
6/05/2024 9:50					0.0
6/05/2024 10:00					0.0
6/05/2024 10:10					0.0
6/05/2024 10:20					0.0
6/05/2024 10:30					0.0
6/05/2024 10:40					0.0
6/05/2024 10:50					0.0
6/05/2024 11:00					0.0
6/05/2024 11:10					0.0
6/05/2024 11:20					0.0
6/05/2024 11:30					0.0
6/05/2024 11:40					0.0
6/05/2024 11:50					0.0
6/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/05/2024 12:10					0.0
6/05/2024 12:20					0.0
6/05/2024 12:30					0.0
6/05/2024 12:40					0.0
6/05/2024 12:50					0.0
6/05/2024 13:00					0.0
6/05/2024 13:10					0.0
6/05/2024 13:20					0.0
6/05/2024 13:30					0.0
6/05/2024 13:40					0.0
6/05/2024 13:50					0.0
6/05/2024 14:00					0.0
6/05/2024 14:10					0.0
6/05/2024 14:20					0.0
6/05/2024 14:30					0.0
6/05/2024 14:40					0.0
6/05/2024 14:50					0.0
6/05/2024 15:00					0.0
6/05/2024 15:10					0.0
6/05/2024 15:20					0.0
6/05/2024 15:30					0.0
6/05/2024 15:40					0.0
6/05/2024 15:50					0.0
6/05/2024 16:00					0.0
6/05/2024 16:10					0.0
6/05/2024 16:20					0.0
6/05/2024 16:30					0.0
6/05/2024 16:40					0.0
6/05/2024 16:50					0.0
6/05/2024 17:00					0.0
6/05/2024 17:10					0.0
6/05/2024 17:20					0.0
6/05/2024 17:30					0.0
6/05/2024 17:40					0.0
6/05/2024 17:50					0.0
6/05/2024 18:00					0.0
6/05/2024 18:10					0.0
6/05/2024 18:20					0.0
6/05/2024 18:30					0.0
6/05/2024 18:40					0.0
6/05/2024 18:50					0.0
6/05/2024 19:00					0.0
6/05/2024 19:10					0.0
6/05/2024 19:20					0.0
6/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/05/2024 19:40					0.0
6/05/2024 19:50					0.0
6/05/2024 20:00					0.0
6/05/2024 20:10					0.0
6/05/2024 20:20					0.0
6/05/2024 20:30					0.0
6/05/2024 20:40					0.0
6/05/2024 20:50					0.0
6/05/2024 21:00					0.0
6/05/2024 21:10					0.0
6/05/2024 21:20					0.0
6/05/2024 21:30					0.0
6/05/2024 21:40					0.0
6/05/2024 21:50					0.0
6/05/2024 22:00					0.0
6/05/2024 22:10					0.0
6/05/2024 22:20					0.0
6/05/2024 22:30					0.0
6/05/2024 22:40					0.0
6/05/2024 22:50					0.0
6/05/2024 23:00					0.0
6/05/2024 23:10					0.0
6/05/2024 23:20					0.0
6/05/2024 23:30					0.0
6/05/2024 23:40					0.0
6/05/2024 23:50					0.0
7/05/2024 0:00					0.0
7/05/2024 0:10					0.0
7/05/2024 0:20					0.0
7/05/2024 0:30					0.0
7/05/2024 0:40					0.0
7/05/2024 0:50					0.0
7/05/2024 1:00					0.0
7/05/2024 1:10					0.0
7/05/2024 1:20					0.0
7/05/2024 1:30					0.0
7/05/2024 1:40					0.0
7/05/2024 1:50					0.0
7/05/2024 2:00					0.0
7/05/2024 2:10					0.0
7/05/2024 2:20					0.0
7/05/2024 2:30					0.0
7/05/2024 2:40					0.0
7/05/2024 2:50					0.0
7/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/05/2024 3:10					0.0
7/05/2024 3:20					0.0
7/05/2024 3:30					0.0
7/05/2024 3:40					0.0
7/05/2024 3:50					0.0
7/05/2024 4:00					0.0
7/05/2024 4:10					0.0
7/05/2024 4:20					0.0
7/05/2024 4:30					0.0
7/05/2024 4:40					0.0
7/05/2024 4:50					0.0
7/05/2024 5:00					0.0
7/05/2024 5:10					0.0
7/05/2024 5:20					0.0
7/05/2024 5:30					0.0
7/05/2024 5:40					0.0
7/05/2024 5:50					0.0
7/05/2024 6:00					0.0
7/05/2024 6:10					0.0
7/05/2024 6:20					0.0
7/05/2024 6:30					0.0
7/05/2024 6:40					0.0
7/05/2024 6:50					0.0
7/05/2024 7:00					0.0
7/05/2024 7:10					0.0
7/05/2024 7:20					0.0
7/05/2024 7:30					0.0
7/05/2024 7:40					0.0
7/05/2024 7:50					0.0
7/05/2024 8:00					0.0
7/05/2024 8:10					0.0
7/05/2024 8:20					0.0
7/05/2024 8:30					0.0
7/05/2024 8:40					0.0
7/05/2024 8:50					0.0
7/05/2024 9:00					0.0
7/05/2024 9:10					0.0
7/05/2024 9:20					0.0
7/05/2024 9:30					0.0
7/05/2024 9:40					0.0
7/05/2024 9:50					0.0
7/05/2024 10:00					0.0
7/05/2024 10:10					0.0
7/05/2024 10:20					0.0
7/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/05/2024 10:40					0.0
7/05/2024 10:50					0.0
7/05/2024 11:00					0.0
7/05/2024 11:10					0.0
7/05/2024 11:20					0.0
7/05/2024 11:30					0.0
7/05/2024 11:40					0.0
7/05/2024 11:50					0.0
7/05/2024 12:00					0.0
7/05/2024 12:10					0.0
7/05/2024 12:20					0.0
7/05/2024 12:30					0.0
7/05/2024 12:40					0.0
7/05/2024 12:50					0.0
7/05/2024 13:00					0.0
7/05/2024 13:10					0.0
7/05/2024 13:20					0.0
7/05/2024 13:30					0.0
7/05/2024 13:40					0.0
7/05/2024 13:50					0.0
7/05/2024 14:00					0.0
7/05/2024 14:10					0.0
7/05/2024 14:20					0.0
7/05/2024 14:30					0.0
7/05/2024 14:40					0.0
7/05/2024 14:50					0.0
7/05/2024 15:00					0.0
7/05/2024 15:10					0.0
7/05/2024 15:20					0.0
7/05/2024 15:30					0.0
7/05/2024 15:40					0.0
7/05/2024 15:50					0.0
7/05/2024 16:00					0.0
7/05/2024 16:10					0.0
7/05/2024 16:20					0.0
7/05/2024 16:30					0.0
7/05/2024 16:40					0.0
7/05/2024 16:50					0.0
7/05/2024 17:00					0.0
7/05/2024 17:10					0.0
7/05/2024 17:20					0.0
7/05/2024 17:30					0.0
7/05/2024 17:40					0.0
7/05/2024 17:50					0.0
7/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/05/2024 18:10					0.0
7/05/2024 18:20					0.0
7/05/2024 18:30					0.0
7/05/2024 18:40					0.0
7/05/2024 18:50					0.0
7/05/2024 19:00					0.0
7/05/2024 19:10					0.0
7/05/2024 19:20					0.0
7/05/2024 19:30					0.0
7/05/2024 19:40					0.0
7/05/2024 19:50					0.0
7/05/2024 20:00					0.0
7/05/2024 20:10					0.0
7/05/2024 20:20					0.0
7/05/2024 20:30					0.0
7/05/2024 20:40					0.0
7/05/2024 20:50					0.0
7/05/2024 21:00					0.0
7/05/2024 21:10					0.0
7/05/2024 21:20					0.0
7/05/2024 21:30					0.0
7/05/2024 21:40					0.0
7/05/2024 21:50					0.0
7/05/2024 22:00					0.0
7/05/2024 22:10					0.0
7/05/2024 22:20					0.0
7/05/2024 22:30					0.0
7/05/2024 22:40					0.0
7/05/2024 22:50					0.0
7/05/2024 23:00					0.0
7/05/2024 23:10					0.0
7/05/2024 23:20					0.0
7/05/2024 23:30					0.0
7/05/2024 23:40					0.0
7/05/2024 23:50					0.0
8/05/2024 0:00					0.0
8/05/2024 0:10					0.0
8/05/2024 0:20					0.0
8/05/2024 0:30					0.0
8/05/2024 0:40					0.0
8/05/2024 0:50					0.0
8/05/2024 1:00					0.0
8/05/2024 1:10					0.0
8/05/2024 1:20					0.0
8/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/05/2024 1:40					0.0
8/05/2024 1:50					0.0
8/05/2024 2:00					0.0
8/05/2024 2:10					0.0
8/05/2024 2:20					0.0
8/05/2024 2:30					0.0
8/05/2024 2:40					0.0
8/05/2024 2:50					0.0
8/05/2024 3:00					0.0
8/05/2024 3:10					0.0
8/05/2024 3:20					0.0
8/05/2024 3:30					0.0
8/05/2024 3:40					0.0
8/05/2024 3:50					0.0
8/05/2024 4:00					0.0
8/05/2024 4:10					0.0
8/05/2024 4:20					0.0
8/05/2024 4:30					0.0
8/05/2024 4:40					0.0
8/05/2024 4:50					0.0
8/05/2024 5:00					0.0
8/05/2024 5:10					0.0
8/05/2024 5:20					0.0
8/05/2024 5:30					0.0
8/05/2024 5:40					0.0
8/05/2024 5:50					0.0
8/05/2024 6:00					0.0
8/05/2024 6:10					0.0
8/05/2024 6:20					0.0
8/05/2024 6:30					0.0
8/05/2024 6:40					0.0
8/05/2024 6:50					0.0
8/05/2024 7:00					0.0
8/05/2024 7:10					0.0
8/05/2024 7:20					0.0
8/05/2024 7:30					0.0
8/05/2024 7:40					0.0
8/05/2024 7:50					0.0
8/05/2024 8:00					0.0
8/05/2024 8:10					0.0
8/05/2024 8:20					0.0
8/05/2024 8:30					0.0
8/05/2024 8:40					0.0
8/05/2024 8:50					0.0
8/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/05/2024 9:10					0.0
8/05/2024 9:20					0.0
8/05/2024 9:30					0.0
8/05/2024 9:40					0.0
8/05/2024 9:50					0.0
8/05/2024 10:00					0.0
8/05/2024 10:10					0.0
8/05/2024 10:20					0.0
8/05/2024 10:30					0.0
8/05/2024 10:40					0.0
8/05/2024 10:50					0.0
8/05/2024 11:00					0.0
8/05/2024 11:10					0.0
8/05/2024 11:20					0.0
8/05/2024 11:30					0.0
8/05/2024 11:40					0.0
8/05/2024 11:50					0.0
8/05/2024 12:00					0.0
8/05/2024 12:10					0.0
8/05/2024 12:20					0.0
8/05/2024 12:30					0.0
8/05/2024 12:40					0.0
8/05/2024 12:50					0.0
8/05/2024 13:00					0.0
8/05/2024 13:10					0.0
8/05/2024 13:20					0.0
8/05/2024 13:30					0.0
8/05/2024 13:40					0.0
8/05/2024 13:50					0.0
8/05/2024 14:00					0.0
8/05/2024 14:10					0.0
8/05/2024 14:20					0.0
8/05/2024 14:30					0.0
8/05/2024 14:40					0.0
8/05/2024 14:50					0.0
8/05/2024 15:00					0.0
8/05/2024 15:10					0.0
8/05/2024 15:20					0.0
8/05/2024 15:30					0.0
8/05/2024 15:40					0.0
8/05/2024 15:50					0.0
8/05/2024 16:00					0.0
8/05/2024 16:10					0.0
8/05/2024 16:20					0.0
8/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/05/2024 16:40					0.0
8/05/2024 16:50					0.0
8/05/2024 17:00					0.0
8/05/2024 17:10					0.0
8/05/2024 17:20					0.0
8/05/2024 17:30					0.0
8/05/2024 17:40					0.0
8/05/2024 17:50					0.0
8/05/2024 18:00					0.0
8/05/2024 18:10					0.0
8/05/2024 18:20					0.0
8/05/2024 18:30					0.0
8/05/2024 18:40					0.0
8/05/2024 18:50					0.0
8/05/2024 19:00					0.0
8/05/2024 19:10					0.0
8/05/2024 19:20					0.0
8/05/2024 19:30					0.0
8/05/2024 19:40					0.0
8/05/2024 19:50					0.0
8/05/2024 20:00					0.0
8/05/2024 20:10					0.0
8/05/2024 20:20					0.0
8/05/2024 20:30					0.0
8/05/2024 20:40					0.0
8/05/2024 20:50					0.0
8/05/2024 21:00					0.0
8/05/2024 21:10					0.0
8/05/2024 21:20					0.0
8/05/2024 21:30					0.0
8/05/2024 21:40					0.0
8/05/2024 21:50					0.0
8/05/2024 22:00					0.0
8/05/2024 22:10					0.0
8/05/2024 22:20					0.0
8/05/2024 22:30					0.0
8/05/2024 22:40					0.0
8/05/2024 22:50					0.0
8/05/2024 23:00					0.0
8/05/2024 23:10					0.0
8/05/2024 23:20					0.0
8/05/2024 23:30					0.0
8/05/2024 23:40					0.0
8/05/2024 23:50					0.0
9/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/05/2024 0:10					0.0
9/05/2024 0:20					0.0
9/05/2024 0:30					0.0
9/05/2024 0:40					0.0
9/05/2024 0:50					0.0
9/05/2024 1:00					0.0
9/05/2024 1:10					0.0
9/05/2024 1:20					0.0
9/05/2024 1:30					0.0
9/05/2024 1:40					0.0
9/05/2024 1:50					0.0
9/05/2024 2:00					0.0
9/05/2024 2:10					0.0
9/05/2024 2:20					0.0
9/05/2024 2:30					0.0
9/05/2024 2:40					0.0
9/05/2024 2:50					0.0
9/05/2024 3:00					0.0
9/05/2024 3:10					0.0
9/05/2024 3:20					0.0
9/05/2024 3:30					0.0
9/05/2024 3:40					0.0
9/05/2024 3:50					0.0
9/05/2024 4:00					0.0
9/05/2024 4:10					0.0
9/05/2024 4:20					0.0
9/05/2024 4:30					0.0
9/05/2024 4:40					0.0
9/05/2024 4:50					0.0
9/05/2024 5:00					0.0
9/05/2024 5:10					0.0
9/05/2024 5:20					0.0
9/05/2024 5:30					0.0
9/05/2024 5:40					0.0
9/05/2024 5:50					0.0
9/05/2024 6:00					0.0
9/05/2024 6:10					0.0
9/05/2024 6:20					0.0
9/05/2024 6:30					0.0
9/05/2024 6:40					0.0
9/05/2024 6:50					0.0
9/05/2024 7:00					0.0
9/05/2024 7:10					0.0
9/05/2024 7:20					0.0
9/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/05/2024 7:40					0.0
9/05/2024 7:50					0.0
9/05/2024 8:00					0.0
9/05/2024 8:10					0.0
9/05/2024 8:20					0.0
9/05/2024 8:30					0.0
9/05/2024 8:40					0.0
9/05/2024 8:50					0.0
9/05/2024 9:00					0.0
9/05/2024 9:10					0.0
9/05/2024 9:20					0.0
9/05/2024 9:30					0.0
9/05/2024 9:40					0.0
9/05/2024 9:50					0.0
9/05/2024 10:00					0.0
9/05/2024 10:10					0.0
9/05/2024 10:20					0.0
9/05/2024 10:30					0.0
9/05/2024 10:40					0.0
9/05/2024 10:50					0.0
9/05/2024 11:00					0.0
9/05/2024 11:10					0.0
9/05/2024 11:20					0.0
9/05/2024 11:30					0.0
9/05/2024 11:40					0.0
9/05/2024 11:50					0.0
9/05/2024 12:00					0.0
9/05/2024 12:10					0.0
9/05/2024 12:20					0.0
9/05/2024 12:30					0.0
9/05/2024 12:40					0.0
9/05/2024 12:50					0.0
9/05/2024 13:00					0.0
9/05/2024 13:10					0.0
9/05/2024 13:20					0.0
9/05/2024 13:30					0.0
9/05/2024 13:40					0.0
9/05/2024 13:50					0.0
9/05/2024 14:00					0.0
9/05/2024 14:10					0.0
9/05/2024 14:20					0.0
9/05/2024 14:30					0.0
9/05/2024 14:40					0.0
9/05/2024 14:50					0.0
9/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/05/2024 15:10					0.0
9/05/2024 15:20					0.0
9/05/2024 15:30					0.0
9/05/2024 15:40					0.0
9/05/2024 15:50					0.0
9/05/2024 16:00					0.0
9/05/2024 16:10					0.0
9/05/2024 16:20					0.0
9/05/2024 16:30					0.0
9/05/2024 16:40					0.0
9/05/2024 16:50					0.0
9/05/2024 17:00					0.0
9/05/2024 17:10					0.0
9/05/2024 17:20					0.0
9/05/2024 17:30					0.0
9/05/2024 17:40					0.0
9/05/2024 17:50					0.0
9/05/2024 18:00					0.0
9/05/2024 18:10					0.0
9/05/2024 18:20					0.0
9/05/2024 18:30					0.0
9/05/2024 18:40					0.0
9/05/2024 18:50					0.0
9/05/2024 19:00					0.0
9/05/2024 19:10					0.0
9/05/2024 19:20					0.0
9/05/2024 19:30					0.0
9/05/2024 19:40					0.0
9/05/2024 19:50					0.0
9/05/2024 20:00					0.0
9/05/2024 20:10					0.0
9/05/2024 20:20					0.0
9/05/2024 20:30					0.0
9/05/2024 20:40					0.0
9/05/2024 20:50					0.0
9/05/2024 21:00					0.0
9/05/2024 21:10					0.0
9/05/2024 21:20					0.0
9/05/2024 21:30					0.0
9/05/2024 21:40					0.0
9/05/2024 21:50					0.0
9/05/2024 22:00					0.0
9/05/2024 22:10					0.0
9/05/2024 22:20					0.0
9/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/05/2024 22:40					0.0
9/05/2024 22:50					0.0
9/05/2024 23:00					0.0
9/05/2024 23:10					0.0
9/05/2024 23:20					0.0
9/05/2024 23:30					0.0
9/05/2024 23:40					0.0
9/05/2024 23:50					0.0
10/05/2024 0:00					0.0
10/05/2024 0:10					0.0
10/05/2024 0:20					0.0
10/05/2024 0:30					0.0
10/05/2024 0:40					0.0
10/05/2024 0:50					0.0
10/05/2024 1:00					0.0
10/05/2024 1:10					0.0
10/05/2024 1:20					0.0
10/05/2024 1:30					0.0
10/05/2024 1:40					0.0
10/05/2024 1:50					0.0
10/05/2024 2:00					0.0
10/05/2024 2:10					0.0
10/05/2024 2:20					0.0
10/05/2024 2:30					0.0
10/05/2024 2:40					0.0
10/05/2024 2:50					0.0
10/05/2024 3:00					0.0
10/05/2024 3:10					0.0
10/05/2024 3:20					0.0
10/05/2024 3:30					0.0
10/05/2024 3:40					0.0
10/05/2024 3:50					0.0
10/05/2024 4:00					0.0
10/05/2024 4:10					0.0
10/05/2024 4:20					0.0
10/05/2024 4:30					0.0
10/05/2024 4:40					0.0
10/05/2024 4:50					0.0
10/05/2024 5:00					0.0
10/05/2024 5:10					0.0
10/05/2024 5:20					0.0
10/05/2024 5:30					0.0
10/05/2024 5:40					0.0
10/05/2024 5:50					0.0
10/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 6:10					0.0
10/05/2024 6:20					0.0
10/05/2024 6:30					0.0
10/05/2024 6:40					0.0
10/05/2024 6:50					0.0
10/05/2024 7:00					0.0
10/05/2024 7:10					0.0
10/05/2024 7:20					0.0
10/05/2024 7:30					0.0
10/05/2024 7:40					0.0
10/05/2024 7:50					0.0
10/05/2024 8:00					0.0
10/05/2024 8:10					0.0
10/05/2024 8:20					0.0
10/05/2024 8:30					0.0
10/05/2024 8:40					0.0
10/05/2024 8:50					0.0
10/05/2024 9:00					0.0
10/05/2024 9:10					0.0
10/05/2024 9:20					0.0
10/05/2024 9:30					0.0
10/05/2024 9:40					0.0
10/05/2024 9:50					0.0
10/05/2024 10:00					0.0
10/05/2024 10:10					0.0
10/05/2024 10:20					0.0
10/05/2024 10:30					0.0
10/05/2024 10:40					0.0
10/05/2024 10:50					0.0
10/05/2024 11:00					0.0
10/05/2024 11:10					0.0
10/05/2024 11:20					0.0
10/05/2024 11:30					0.0
10/05/2024 11:40					0.0
10/05/2024 11:50					0.0
10/05/2024 12:00					0.0
10/05/2024 12:10					0.0
10/05/2024 12:20					0.0
10/05/2024 12:30					0.0
10/05/2024 12:40					0.0
10/05/2024 12:50					0.0
10/05/2024 13:00					0.0
10/05/2024 13:10					0.0
10/05/2024 13:20					0.0
10/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 13:40					0.0
10/05/2024 13:50					0.0
10/05/2024 14:00					0.0
10/05/2024 14:10					0.0
10/05/2024 14:20					0.0
10/05/2024 14:30					0.0
10/05/2024 14:40					0.0
10/05/2024 14:50					0.0
10/05/2024 15:00					0.0
10/05/2024 15:10					0.0
10/05/2024 15:20					0.0
10/05/2024 15:30					0.0
10/05/2024 15:40					0.0
10/05/2024 15:50					0.0
10/05/2024 16:00					0.0
10/05/2024 16:10					0.0
10/05/2024 16:20					0.0
10/05/2024 16:30					0.0
10/05/2024 16:40					0.0
10/05/2024 16:50					0.0
10/05/2024 17:00					0.0
10/05/2024 17:10					0.0
10/05/2024 17:20					0.0
10/05/2024 17:30					0.0
10/05/2024 17:40					0.0
10/05/2024 17:50					0.0
10/05/2024 18:00					0.0
10/05/2024 18:10					0.0
10/05/2024 18:20					0.0
10/05/2024 18:30					0.0
10/05/2024 18:40					0.0
10/05/2024 18:50					0.0
10/05/2024 19:00					0.0
10/05/2024 19:10					0.0
10/05/2024 19:20					0.0
10/05/2024 19:30					0.0
10/05/2024 19:40					0.0
10/05/2024 19:50					0.0
10/05/2024 20:00					0.0
10/05/2024 20:10					0.0
10/05/2024 20:20					0.0
10/05/2024 20:30					0.0
10/05/2024 20:40					0.0
10/05/2024 20:50					0.0
10/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/05/2024 21:10					0.0
10/05/2024 21:20					0.0
10/05/2024 21:30					0.0
10/05/2024 21:40					0.0
10/05/2024 21:50					0.0
10/05/2024 22:00					0.0
10/05/2024 22:10					0.0
10/05/2024 22:20					0.0
10/05/2024 22:30					0.0
10/05/2024 22:40					0.0
10/05/2024 22:50					0.0
10/05/2024 23:00					0.0
10/05/2024 23:10					0.0
10/05/2024 23:20					0.0
10/05/2024 23:30					0.0
10/05/2024 23:40					0.0
10/05/2024 23:50					0.0
11/05/2024 0:00					0.0
11/05/2024 0:10					0.0
11/05/2024 0:20					0.0
11/05/2024 0:30					0.0
11/05/2024 0:40					0.0
11/05/2024 0:50					0.0
11/05/2024 1:00					0.0
11/05/2024 1:10					0.0
11/05/2024 1:20					0.0
11/05/2024 1:30					0.0
11/05/2024 1:40					0.0
11/05/2024 1:50					0.0
11/05/2024 2:00					0.0
11/05/2024 2:10					0.0
11/05/2024 2:20					0.0
11/05/2024 2:30					0.0
11/05/2024 2:40					0.0
11/05/2024 2:50					0.0
11/05/2024 3:00					0.0
11/05/2024 3:10					0.0
11/05/2024 3:20					0.0
11/05/2024 3:30					0.0
11/05/2024 3:40					0.0
11/05/2024 3:50					0.0
11/05/2024 4:00					0.0
11/05/2024 4:10					0.0
11/05/2024 4:20					0.0
11/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 4:40					0.0
11/05/2024 4:50					0.0
11/05/2024 5:00					0.0
11/05/2024 5:10					0.0
11/05/2024 5:20					0.0
11/05/2024 5:30					0.0
11/05/2024 5:40					0.0
11/05/2024 5:50					0.0
11/05/2024 6:00					0.0
11/05/2024 6:10					0.0
11/05/2024 6:20					0.0
11/05/2024 6:30					0.0
11/05/2024 6:40					0.0
11/05/2024 6:50					0.0
11/05/2024 7:00					0.0
11/05/2024 7:10					0.0
11/05/2024 7:20					0.0
11/05/2024 7:30					0.0
11/05/2024 7:40					0.0
11/05/2024 7:50					0.0
11/05/2024 8:00					0.0
11/05/2024 8:10					0.0
11/05/2024 8:20					0.0
11/05/2024 8:30					0.0
11/05/2024 8:40					0.0
11/05/2024 8:50					0.0
11/05/2024 9:00					0.0
11/05/2024 9:10					0.0
11/05/2024 9:20					0.0
11/05/2024 9:30					0.0
11/05/2024 9:40					0.0
11/05/2024 9:50					0.0
11/05/2024 10:00					0.0
11/05/2024 10:10					0.0
11/05/2024 10:20					0.0
11/05/2024 10:30					0.0
11/05/2024 10:40					0.0
11/05/2024 10:50					0.0
11/05/2024 11:00					0.0
11/05/2024 11:10					0.0
11/05/2024 11:20					0.0
11/05/2024 11:30					0.0
11/05/2024 11:40					0.0
11/05/2024 11:50					0.0
11/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 12:10					0.0
11/05/2024 12:20					0.0
11/05/2024 12:30					0.0
11/05/2024 12:40					0.0
11/05/2024 12:50					0.0
11/05/2024 13:00					0.0
11/05/2024 13:10					0.0
11/05/2024 13:20					0.0
11/05/2024 13:30					0.0
11/05/2024 13:40					0.0
11/05/2024 13:50					0.0
11/05/2024 14:00					0.0
11/05/2024 14:10					0.0
11/05/2024 14:20					0.0
11/05/2024 14:30					0.0
11/05/2024 14:40					0.0
11/05/2024 14:50					0.0
11/05/2024 15:00					0.0
11/05/2024 15:10					0.0
11/05/2024 15:20					0.0
11/05/2024 15:30					0.0
11/05/2024 15:40					0.0
11/05/2024 15:50					0.0
11/05/2024 16:00					0.0
11/05/2024 16:10					0.0
11/05/2024 16:20					0.0
11/05/2024 16:30					0.0
11/05/2024 16:40					0.0
11/05/2024 16:50					0.0
11/05/2024 17:00					0.0
11/05/2024 17:10					0.0
11/05/2024 17:20					0.0
11/05/2024 17:30					0.0
11/05/2024 17:40					0.0
11/05/2024 17:50					0.0
11/05/2024 18:00					0.0
11/05/2024 18:10					0.0
11/05/2024 18:20					0.0
11/05/2024 18:30					0.0
11/05/2024 18:40					0.0
11/05/2024 18:50					0.0
11/05/2024 19:00					0.0
11/05/2024 19:10					0.0
11/05/2024 19:20					0.0
11/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/05/2024 19:40					0.0
11/05/2024 19:50					0.0
11/05/2024 20:00					0.0
11/05/2024 20:10					0.0
11/05/2024 20:20					0.0
11/05/2024 20:30					0.0
11/05/2024 20:40					0.0
11/05/2024 20:50					0.0
11/05/2024 21:00					0.0
11/05/2024 21:10					0.0
11/05/2024 21:20					0.0
11/05/2024 21:30					0.0
11/05/2024 21:40					0.0
11/05/2024 21:50					0.0
11/05/2024 22:00					0.0
11/05/2024 22:10					0.0
11/05/2024 22:20					0.0
11/05/2024 22:30					0.0
11/05/2024 22:40					0.0
11/05/2024 22:50					0.0
11/05/2024 23:00					0.0
11/05/2024 23:10					0.0
11/05/2024 23:20					0.0
11/05/2024 23:30					0.0
11/05/2024 23:40					0.0
11/05/2024 23:50					0.0
12/05/2024 0:00					0.0
12/05/2024 0:10					0.0
12/05/2024 0:20					0.0
12/05/2024 0:30					0.0
12/05/2024 0:40					0.0
12/05/2024 0:50					0.0
12/05/2024 1:00					0.0
12/05/2024 1:10					0.0
12/05/2024 1:20					0.0
12/05/2024 1:30					0.0
12/05/2024 1:40					0.0
12/05/2024 1:50					0.0
12/05/2024 2:00					0.0
12/05/2024 2:10					0.0
12/05/2024 2:20					0.0
12/05/2024 2:30					0.0
12/05/2024 2:40					0.0
12/05/2024 2:50					0.0
12/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 3:10					0.0
12/05/2024 3:20					0.0
12/05/2024 3:30					0.0
12/05/2024 3:40					0.0
12/05/2024 3:50					0.0
12/05/2024 4:00					0.0
12/05/2024 4:10					0.0
12/05/2024 4:20					0.0
12/05/2024 4:30					0.0
12/05/2024 4:40					0.0
12/05/2024 4:50					0.0
12/05/2024 5:00					0.0
12/05/2024 5:10					0.0
12/05/2024 5:20					0.0
12/05/2024 5:30					0.0
12/05/2024 5:40					0.0
12/05/2024 5:50					0.0
12/05/2024 6:00					0.0
12/05/2024 6:10					0.0
12/05/2024 6:20					0.0
12/05/2024 6:30					0.0
12/05/2024 6:40					0.0
12/05/2024 6:50					0.0
12/05/2024 7:00					0.0
12/05/2024 7:10					0.0
12/05/2024 7:20					0.0
12/05/2024 7:30					0.0
12/05/2024 7:40					0.0
12/05/2024 7:50					0.0
12/05/2024 8:00					0.0
12/05/2024 8:10					0.0
12/05/2024 8:20					0.0
12/05/2024 8:30					0.0
12/05/2024 8:40					0.0
12/05/2024 8:50					0.0
12/05/2024 9:00					0.0
12/05/2024 9:10					0.0
12/05/2024 9:20					0.0
12/05/2024 9:30					0.0
12/05/2024 9:40					0.0
12/05/2024 9:50					0.0
12/05/2024 10:00					0.0
12/05/2024 10:10					0.0
12/05/2024 10:20					0.0
12/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 10:40					0.0
12/05/2024 10:50					0.0
12/05/2024 11:00					0.0
12/05/2024 11:10					0.0
12/05/2024 11:20					0.0
12/05/2024 11:30					0.0
12/05/2024 11:40					0.0
12/05/2024 11:50					0.0
12/05/2024 12:00					0.0
12/05/2024 12:10					0.0
12/05/2024 12:20					0.0
12/05/2024 12:30					0.0
12/05/2024 12:40					0.0
12/05/2024 12:50					0.0
12/05/2024 13:00					0.0
12/05/2024 13:10					0.0
12/05/2024 13:20					0.0
12/05/2024 13:30					0.0
12/05/2024 13:40					0.0
12/05/2024 13:50					0.0
12/05/2024 14:00					0.0
12/05/2024 14:10					0.0
12/05/2024 14:20					0.0
12/05/2024 14:30					0.0
12/05/2024 14:40					0.0
12/05/2024 14:50					0.0
12/05/2024 15:00					0.0
12/05/2024 15:10					0.0
12/05/2024 15:20					0.0
12/05/2024 15:30					0.0
12/05/2024 15:40					0.0
12/05/2024 15:50					0.0
12/05/2024 16:00					0.0
12/05/2024 16:10					0.0
12/05/2024 16:20					0.0
12/05/2024 16:30					0.0
12/05/2024 16:40					0.0
12/05/2024 16:50					0.0
12/05/2024 17:00					0.0
12/05/2024 17:10					0.0
12/05/2024 17:20					0.0
12/05/2024 17:30					0.0
12/05/2024 17:40					0.0
12/05/2024 17:50					0.0
12/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/05/2024 18:10					0.0
12/05/2024 18:20					0.0
12/05/2024 18:30					0.0
12/05/2024 18:40					0.0
12/05/2024 18:50					0.0
12/05/2024 19:00					0.0
12/05/2024 19:10					0.0
12/05/2024 19:20					0.0
12/05/2024 19:30					0.0
12/05/2024 19:40					0.0
12/05/2024 19:50					0.0
12/05/2024 20:00					0.0
12/05/2024 20:10					0.0
12/05/2024 20:20					0.0
12/05/2024 20:30					0.0
12/05/2024 20:40					0.0
12/05/2024 20:50					0.0
12/05/2024 21:00					0.0
12/05/2024 21:10					0.0
12/05/2024 21:20					0.0
12/05/2024 21:30					0.0
12/05/2024 21:40					0.0
12/05/2024 21:50					0.0
12/05/2024 22:00					0.0
12/05/2024 22:10					0.0
12/05/2024 22:20					0.0
12/05/2024 22:30					0.0
12/05/2024 22:40					0.0
12/05/2024 22:50					0.0
12/05/2024 23:00					0.0
12/05/2024 23:10					0.0
12/05/2024 23:20					0.0
12/05/2024 23:30					0.0
12/05/2024 23:40					0.0
12/05/2024 23:50					0.0
13/05/2024 0:00					0.0
13/05/2024 0:10					0.0
13/05/2024 0:20					0.0
13/05/2024 0:30					0.0
13/05/2024 0:40					0.0
13/05/2024 0:50					0.0
13/05/2024 1:00					0.0
13/05/2024 1:10					0.0
13/05/2024 1:20					0.0
13/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 1:40					0.0
13/05/2024 1:50					0.0
13/05/2024 2:00					0.0
13/05/2024 2:10					0.0
13/05/2024 2:20					0.0
13/05/2024 2:30					0.0
13/05/2024 2:40					0.0
13/05/2024 2:50					0.0
13/05/2024 3:00					0.0
13/05/2024 3:10					0.0
13/05/2024 3:20					0.0
13/05/2024 3:30					0.0
13/05/2024 3:40					0.0
13/05/2024 3:50					0.0
13/05/2024 4:00					0.0
13/05/2024 4:10					0.0
13/05/2024 4:20					0.0
13/05/2024 4:30					0.0
13/05/2024 4:40					0.0
13/05/2024 4:50					0.0
13/05/2024 5:00					0.0
13/05/2024 5:10					0.0
13/05/2024 5:20					0.0
13/05/2024 5:30					0.0
13/05/2024 5:40					0.0
13/05/2024 5:50					0.0
13/05/2024 6:00					0.0
13/05/2024 6:10					0.0
13/05/2024 6:20					0.0
13/05/2024 6:30					0.0
13/05/2024 6:40					0.0
13/05/2024 6:50					0.0
13/05/2024 7:00					0.0
13/05/2024 7:10					0.0
13/05/2024 7:20					0.0
13/05/2024 7:30					0.0
13/05/2024 7:40					0.0
13/05/2024 7:50					0.0
13/05/2024 8:00					0.0
13/05/2024 8:10					0.0
13/05/2024 8:20					0.0
13/05/2024 8:30					0.0
13/05/2024 8:40					0.0
13/05/2024 8:50					0.0
13/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 9:10					0.0
13/05/2024 9:20					0.0
13/05/2024 9:30					0.0
13/05/2024 9:40					0.0
13/05/2024 9:50					0.0
13/05/2024 10:00					0.0
13/05/2024 10:10					0.0
13/05/2024 10:20					0.0
13/05/2024 10:30					0.0
13/05/2024 10:40					0.0
13/05/2024 10:50					0.0
13/05/2024 11:00					0.0
13/05/2024 11:10					0.0
13/05/2024 11:20					0.0
13/05/2024 11:30					0.0
13/05/2024 11:40					0.0
13/05/2024 11:50					0.0
13/05/2024 12:00					0.0
13/05/2024 12:10					0.0
13/05/2024 12:20					0.0
13/05/2024 12:30					0.0
13/05/2024 12:40					0.0
13/05/2024 12:50					0.0
13/05/2024 13:00					0.0
13/05/2024 13:10					0.0
13/05/2024 13:20					0.0
13/05/2024 13:30					0.0
13/05/2024 13:40					0.0
13/05/2024 13:50					0.0
13/05/2024 14:00					0.0
13/05/2024 14:10					0.0
13/05/2024 14:20					0.0
13/05/2024 14:30					0.0
13/05/2024 14:40					0.0
13/05/2024 14:50					0.0
13/05/2024 15:00					0.0
13/05/2024 15:10					0.0
13/05/2024 15:20					0.0
13/05/2024 15:30					0.0
13/05/2024 15:40					0.0
13/05/2024 15:50					0.0
13/05/2024 16:00					0.0
13/05/2024 16:10					0.0
13/05/2024 16:20					0.0
13/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/05/2024 16:40					0.0
13/05/2024 16:50					0.0
13/05/2024 17:00					0.0
13/05/2024 17:10					0.0
13/05/2024 17:20					0.0
13/05/2024 17:30					0.0
13/05/2024 17:40					0.0
13/05/2024 17:50					0.0
13/05/2024 18:00					0.0
13/05/2024 18:10					0.0
13/05/2024 18:20					0.0
13/05/2024 18:30					0.0
13/05/2024 18:40					0.0
13/05/2024 18:50					0.0
13/05/2024 19:00					0.0
13/05/2024 19:10					0.0
13/05/2024 19:20					0.0
13/05/2024 19:30					0.0
13/05/2024 19:40					0.0
13/05/2024 19:50					0.0
13/05/2024 20:00					0.0
13/05/2024 20:10					0.0
13/05/2024 20:20					0.0
13/05/2024 20:30					0.0
13/05/2024 20:40					0.0
13/05/2024 20:50					0.0
13/05/2024 21:00					0.0
13/05/2024 21:10					0.0
13/05/2024 21:20					0.0
13/05/2024 21:30					0.0
13/05/2024 21:40					0.0
13/05/2024 21:50					0.0
13/05/2024 22:00					0.0
13/05/2024 22:10					0.0
13/05/2024 22:20					0.0
13/05/2024 22:30					0.0
13/05/2024 22:40					0.0
13/05/2024 22:50					0.0
13/05/2024 23:00					0.0
13/05/2024 23:10					0.0
13/05/2024 23:20					0.0
13/05/2024 23:30					0.0
13/05/2024 23:40					0.0
13/05/2024 23:50					0.0
14/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 0:10					0.0
14/05/2024 0:20					0.0
14/05/2024 0:30					0.0
14/05/2024 0:40					0.0
14/05/2024 0:50					0.0
14/05/2024 1:00					0.0
14/05/2024 1:10					0.0
14/05/2024 1:20					0.0
14/05/2024 1:30					0.0
14/05/2024 1:40					0.0
14/05/2024 1:50					0.0
14/05/2024 2:00					0.0
14/05/2024 2:10					0.0
14/05/2024 2:20					0.0
14/05/2024 2:30					0.0
14/05/2024 2:40					0.0
14/05/2024 2:50					0.0
14/05/2024 3:00					0.0
14/05/2024 3:10					0.0
14/05/2024 3:20					0.0
14/05/2024 3:30					0.0
14/05/2024 3:40					0.0
14/05/2024 3:50					0.0
14/05/2024 4:00					0.0
14/05/2024 4:10					0.0
14/05/2024 4:20					0.0
14/05/2024 4:30					0.0
14/05/2024 4:40					0.0
14/05/2024 4:50					0.0
14/05/2024 5:00					0.0
14/05/2024 5:10					0.0
14/05/2024 5:20					0.0
14/05/2024 5:30					0.0
14/05/2024 5:40					0.0
14/05/2024 5:50					0.0
14/05/2024 6:00					0.0
14/05/2024 6:10					0.0
14/05/2024 6:20					0.0
14/05/2024 6:30					0.0
14/05/2024 6:40					0.0
14/05/2024 6:50					0.0
14/05/2024 7:00					0.0
14/05/2024 7:10					0.0
14/05/2024 7:20					0.0
14/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 7:40					0.0
14/05/2024 7:50					0.0
14/05/2024 8:00					0.0
14/05/2024 8:10					0.0
14/05/2024 8:20					0.0
14/05/2024 8:30					0.0
14/05/2024 8:40					0.0
14/05/2024 8:50					0.0
14/05/2024 9:00					0.0
14/05/2024 9:10					0.0
14/05/2024 9:20					0.0
14/05/2024 9:30					0.0
14/05/2024 9:40					0.0
14/05/2024 9:50					0.0
14/05/2024 10:00					0.0
14/05/2024 10:10					0.0
14/05/2024 10:20					0.0
14/05/2024 10:30					0.0
14/05/2024 10:40					0.0
14/05/2024 10:50					0.0
14/05/2024 11:00					0.0
14/05/2024 11:10					0.0
14/05/2024 11:20					0.0
14/05/2024 11:30					0.0
14/05/2024 11:40					0.0
14/05/2024 11:50					0.0
14/05/2024 12:00					0.0
14/05/2024 12:10					0.0
14/05/2024 12:20					0.0
14/05/2024 12:30					0.0
14/05/2024 12:40					0.0
14/05/2024 12:50					0.0
14/05/2024 13:00					0.0
14/05/2024 13:10					0.0
14/05/2024 13:20					0.0
14/05/2024 13:30					0.0
14/05/2024 13:40					0.0
14/05/2024 13:50					0.0
14/05/2024 14:00					0.0
14/05/2024 14:10					0.0
14/05/2024 14:20					0.0
14/05/2024 14:30					0.0
14/05/2024 14:40					0.0
14/05/2024 14:50					0.0
14/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 15:10					0.0
14/05/2024 15:20					0.0
14/05/2024 15:30					0.0
14/05/2024 15:40					0.0
14/05/2024 15:50					0.0
14/05/2024 16:00					0.0
14/05/2024 16:10					0.0
14/05/2024 16:20					0.0
14/05/2024 16:30					0.0
14/05/2024 16:40					0.0
14/05/2024 16:50					0.0
14/05/2024 17:00					0.0
14/05/2024 17:10					0.0
14/05/2024 17:20					0.0
14/05/2024 17:30					0.0
14/05/2024 17:40					0.0
14/05/2024 17:50					0.0
14/05/2024 18:00					0.0
14/05/2024 18:10					0.0
14/05/2024 18:20					0.0
14/05/2024 18:30					0.0
14/05/2024 18:40					0.0
14/05/2024 18:50					0.0
14/05/2024 19:00					0.0
14/05/2024 19:10					0.0
14/05/2024 19:20					0.0
14/05/2024 19:30					0.0
14/05/2024 19:40					0.0
14/05/2024 19:50					0.0
14/05/2024 20:00					0.0
14/05/2024 20:10					0.0
14/05/2024 20:20					0.0
14/05/2024 20:30					0.0
14/05/2024 20:40					0.0
14/05/2024 20:50					0.0
14/05/2024 21:00					0.0
14/05/2024 21:10					0.0
14/05/2024 21:20					0.0
14/05/2024 21:30					0.0
14/05/2024 21:40					0.0
14/05/2024 21:50					0.0
14/05/2024 22:00					0.0
14/05/2024 22:10					0.0
14/05/2024 22:20					0.0
14/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/05/2024 22:40					0.0
14/05/2024 22:50					0.0
14/05/2024 23:00					0.0
14/05/2024 23:10					0.0
14/05/2024 23:20					0.0
14/05/2024 23:30					0.0
14/05/2024 23:40					0.0
14/05/2024 23:50					0.0
15/05/2024 0:00					0.0
15/05/2024 0:10					0.0
15/05/2024 0:20					0.0
15/05/2024 0:30					0.0
15/05/2024 0:40					0.0
15/05/2024 0:50					0.0
15/05/2024 1:00					0.0
15/05/2024 1:10					0.0
15/05/2024 1:20					0.0
15/05/2024 1:30					0.0
15/05/2024 1:40					0.0
15/05/2024 1:50					0.0
15/05/2024 2:00					0.0
15/05/2024 2:10					0.0
15/05/2024 2:20					0.0
15/05/2024 2:30					0.0
15/05/2024 2:40					0.0
15/05/2024 2:50					0.0
15/05/2024 3:00					0.0
15/05/2024 3:10					0.0
15/05/2024 3:20					0.0
15/05/2024 3:30					0.0
15/05/2024 3:40					0.0
15/05/2024 3:50					0.0
15/05/2024 4:00					0.0
15/05/2024 4:10					0.0
15/05/2024 4:20					0.0
15/05/2024 4:30					0.0
15/05/2024 4:40					0.0
15/05/2024 4:50					0.0
15/05/2024 5:00					0.0
15/05/2024 5:10					0.0
15/05/2024 5:20					0.0
15/05/2024 5:30					0.0
15/05/2024 5:40					0.0
15/05/2024 5:50					0.0
15/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 6:10					0.0
15/05/2024 6:20					0.0
15/05/2024 6:30					0.0
15/05/2024 6:40					0.0
15/05/2024 6:50					0.0
15/05/2024 7:00					0.0
15/05/2024 7:10					0.0
15/05/2024 7:20					0.0
15/05/2024 7:30					0.0
15/05/2024 7:40					0.0
15/05/2024 7:50					0.0
15/05/2024 8:00					0.0
15/05/2024 8:10					0.0
15/05/2024 8:20					0.0
15/05/2024 8:30					0.0
15/05/2024 8:40					0.0
15/05/2024 8:50					0.0
15/05/2024 9:00					0.0
15/05/2024 9:10					0.0
15/05/2024 9:20					0.0
15/05/2024 9:30					0.0
15/05/2024 9:40					0.0
15/05/2024 9:50					0.0
15/05/2024 10:00					0.0
15/05/2024 10:10					0.0
15/05/2024 10:20					0.0
15/05/2024 10:30					0.0
15/05/2024 10:40					0.0
15/05/2024 10:50					0.0
15/05/2024 11:00					0.0
15/05/2024 11:10					0.0
15/05/2024 11:20					0.0
15/05/2024 11:30					0.0
15/05/2024 11:40					0.0
15/05/2024 11:50					0.0
15/05/2024 12:00					0.0
15/05/2024 12:10					0.0
15/05/2024 12:20					0.0
15/05/2024 12:30					0.0
15/05/2024 12:40					0.0
15/05/2024 12:50					0.0
15/05/2024 13:00					0.0
15/05/2024 13:10					0.0
15/05/2024 13:20					0.0
15/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 13:40					0.0
15/05/2024 13:50					0.0
15/05/2024 14:00					0.0
15/05/2024 14:10					0.0
15/05/2024 14:20					0.0
15/05/2024 14:30					0.0
15/05/2024 14:40					0.0
15/05/2024 14:50					0.0
15/05/2024 15:00					0.0
15/05/2024 15:10					0.0
15/05/2024 15:20					0.0
15/05/2024 15:30					0.0
15/05/2024 15:40					0.0
15/05/2024 15:50					0.0
15/05/2024 16:00					0.0
15/05/2024 16:10					0.0
15/05/2024 16:20					0.0
15/05/2024 16:30					0.0
15/05/2024 16:40					0.0
15/05/2024 16:50					0.0
15/05/2024 17:00					0.0
15/05/2024 17:10					0.0
15/05/2024 17:20					0.0
15/05/2024 17:30					0.0
15/05/2024 17:40					0.0
15/05/2024 17:50					0.0
15/05/2024 18:00					0.0
15/05/2024 18:10					0.0
15/05/2024 18:20					0.0
15/05/2024 18:30					0.0
15/05/2024 18:40					0.0
15/05/2024 18:50					0.0
15/05/2024 19:00					0.0
15/05/2024 19:10					0.0
15/05/2024 19:20					0.0
15/05/2024 19:30					0.0
15/05/2024 19:40					0.0
15/05/2024 19:50					0.0
15/05/2024 20:00					0.0
15/05/2024 20:10					0.0
15/05/2024 20:20					0.0
15/05/2024 20:30					0.0
15/05/2024 20:40					0.0
15/05/2024 20:50					0.0
15/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/05/2024 21:10					0.0
15/05/2024 21:20					0.0
15/05/2024 21:30					0.0
15/05/2024 21:40					0.0
15/05/2024 21:50					0.0
15/05/2024 22:00					0.0
15/05/2024 22:10					0.0
15/05/2024 22:20					0.0
15/05/2024 22:30					0.0
15/05/2024 22:40					0.0
15/05/2024 22:50					0.0
15/05/2024 23:00					0.0
15/05/2024 23:10					0.0
15/05/2024 23:20					0.0
15/05/2024 23:30					0.0
15/05/2024 23:40					0.0
15/05/2024 23:50					0.0
16/05/2024 0:00					0.0
16/05/2024 0:10					0.0
16/05/2024 0:20					0.0
16/05/2024 0:30					0.0
16/05/2024 0:40					0.0
16/05/2024 0:50					0.0
16/05/2024 1:00					0.0
16/05/2024 1:10					0.0
16/05/2024 1:20					0.0
16/05/2024 1:30					0.0
16/05/2024 1:40					0.0
16/05/2024 1:50					0.0
16/05/2024 2:00					0.0
16/05/2024 2:10					0.0
16/05/2024 2:20					0.0
16/05/2024 2:30					0.0
16/05/2024 2:40					0.0
16/05/2024 2:50					0.0
16/05/2024 3:00					0.0
16/05/2024 3:10					0.0
16/05/2024 3:20					0.0
16/05/2024 3:30					0.0
16/05/2024 3:40					0.0
16/05/2024 3:50					0.0
16/05/2024 4:00					0.0
16/05/2024 4:10					0.0
16/05/2024 4:20					0.0
16/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 4:40					0.0
16/05/2024 4:50					0.0
16/05/2024 5:00					0.0
16/05/2024 5:10					0.0
16/05/2024 5:20					0.0
16/05/2024 5:30					0.0
16/05/2024 5:40					0.0
16/05/2024 5:50					0.0
16/05/2024 6:00					0.0
16/05/2024 6:10					0.0
16/05/2024 6:20					0.0
16/05/2024 6:30					0.0
16/05/2024 6:40					0.0
16/05/2024 6:50					0.0
16/05/2024 7:00					0.0
16/05/2024 7:10					0.0
16/05/2024 7:20					0.0
16/05/2024 7:30					0.0
16/05/2024 7:40					0.0
16/05/2024 7:50					0.0
16/05/2024 8:00					0.0
16/05/2024 8:10					0.0
16/05/2024 8:20					0.0
16/05/2024 8:30					0.0
16/05/2024 8:40					0.0
16/05/2024 8:50					0.0
16/05/2024 9:00					0.0
16/05/2024 9:10					0.0
16/05/2024 9:20					0.0
16/05/2024 9:30					0.0
16/05/2024 9:40					0.0
16/05/2024 9:50					0.0
16/05/2024 10:00					0.0
16/05/2024 10:10					0.0
16/05/2024 10:20					0.0
16/05/2024 10:30					0.0
16/05/2024 10:40					0.0
16/05/2024 10:50					0.0
16/05/2024 11:00					0.0
16/05/2024 11:10					0.0
16/05/2024 11:20					0.0
16/05/2024 11:30					0.0
16/05/2024 11:40					0.0
16/05/2024 11:50					0.0
16/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 12:10					0.0
16/05/2024 12:20					0.0
16/05/2024 12:30					0.0
16/05/2024 12:40					0.0
16/05/2024 12:50					0.0
16/05/2024 13:00					0.0
16/05/2024 13:10					0.0
16/05/2024 13:20					0.0
16/05/2024 13:30					0.0
16/05/2024 13:40					0.0
16/05/2024 13:50					0.0
16/05/2024 14:00					0.0
16/05/2024 14:10					0.0
16/05/2024 14:20					0.0
16/05/2024 14:30					0.0
16/05/2024 14:40					0.0
16/05/2024 14:50					0.0
16/05/2024 15:00					0.0
16/05/2024 15:10					0.0
16/05/2024 15:20					0.0
16/05/2024 15:30					0.0
16/05/2024 15:40					0.0
16/05/2024 15:50					0.0
16/05/2024 16:00					0.0
16/05/2024 16:10					0.0
16/05/2024 16:20					0.0
16/05/2024 16:30					0.0
16/05/2024 16:40					0.0
16/05/2024 16:50					0.0
16/05/2024 17:00					0.0
16/05/2024 17:10					0.0
16/05/2024 17:20					0.0
16/05/2024 17:30					0.0
16/05/2024 17:40					0.0
16/05/2024 17:50					0.0
16/05/2024 18:00					0.0
16/05/2024 18:10					0.0
16/05/2024 18:20					0.0
16/05/2024 18:30					0.0
16/05/2024 18:40					0.0
16/05/2024 18:50					0.0
16/05/2024 19:00					0.0
16/05/2024 19:10					0.0
16/05/2024 19:20					0.0
16/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/05/2024 19:40					0.0
16/05/2024 19:50					0.0
16/05/2024 20:00					0.0
16/05/2024 20:10					0.0
16/05/2024 20:20					0.0
16/05/2024 20:30					0.0
16/05/2024 20:40					0.0
16/05/2024 20:50					0.0
16/05/2024 21:00					0.0
16/05/2024 21:10					0.0
16/05/2024 21:20					0.0
16/05/2024 21:30					0.0
16/05/2024 21:40					0.0
16/05/2024 21:50					0.0
16/05/2024 22:00					0.0
16/05/2024 22:10					0.0
16/05/2024 22:20					0.0
16/05/2024 22:30					0.0
16/05/2024 22:40					0.0
16/05/2024 22:50					0.0
16/05/2024 23:00					0.0
16/05/2024 23:10					0.0
16/05/2024 23:20					0.0
16/05/2024 23:30					0.0
16/05/2024 23:40					0.0
16/05/2024 23:50					0.0
17/05/2024 0:00					0.0
17/05/2024 0:10					0.0
17/05/2024 0:20					0.0
17/05/2024 0:30					0.0
17/05/2024 0:40					0.0
17/05/2024 0:50					0.0
17/05/2024 1:00					0.0
17/05/2024 1:10					0.0
17/05/2024 1:20					0.0
17/05/2024 1:30					0.0
17/05/2024 1:40					0.0
17/05/2024 1:50					0.0
17/05/2024 2:00					0.0
17/05/2024 2:10					0.0
17/05/2024 2:20					0.0
17/05/2024 2:30					0.0
17/05/2024 2:40					0.0
17/05/2024 2:50					0.0
17/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 3:10					0.0
17/05/2024 3:20					0.0
17/05/2024 3:30					0.0
17/05/2024 3:40					0.0
17/05/2024 3:50					0.0
17/05/2024 4:00					0.0
17/05/2024 4:10					0.0
17/05/2024 4:20					0.0
17/05/2024 4:30					0.0
17/05/2024 4:40					0.0
17/05/2024 4:50					0.0
17/05/2024 5:00					0.0
17/05/2024 5:10					0.0
17/05/2024 5:20					0.0
17/05/2024 5:30					0.0
17/05/2024 5:40					0.0
17/05/2024 5:50					0.0
17/05/2024 6:00					0.0
17/05/2024 6:10					0.0
17/05/2024 6:20					0.0
17/05/2024 6:30					0.0
17/05/2024 6:40					0.0
17/05/2024 6:50					0.0
17/05/2024 7:00					0.0
17/05/2024 7:10					0.0
17/05/2024 7:20					0.0
17/05/2024 7:30					0.0
17/05/2024 7:40					0.0
17/05/2024 7:50					0.0
17/05/2024 8:00					0.0
17/05/2024 8:10					0.0
17/05/2024 8:20					0.0
17/05/2024 8:30					0.0
17/05/2024 8:40					0.0
17/05/2024 8:50					0.0
17/05/2024 9:00					0.0
17/05/2024 9:10					0.0
17/05/2024 9:20					0.0
17/05/2024 9:30					0.0
17/05/2024 9:40					0.0
17/05/2024 9:50					0.0
17/05/2024 10:00					0.0
17/05/2024 10:10					0.0
17/05/2024 10:20					0.0
17/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 10:40					0.0
17/05/2024 10:50					0.0
17/05/2024 11:00					0.0
17/05/2024 11:10					0.0
17/05/2024 11:20					0.0
17/05/2024 11:30					0.0
17/05/2024 11:40					0.0
17/05/2024 11:50					0.0
17/05/2024 12:00					0.0
17/05/2024 12:10					0.0
17/05/2024 12:20					0.0
17/05/2024 12:30					0.0
17/05/2024 12:40					0.0
17/05/2024 12:50					0.0
17/05/2024 13:00					0.0
17/05/2024 13:10					0.0
17/05/2024 13:20					0.0
17/05/2024 13:30					0.0
17/05/2024 13:40					0.0
17/05/2024 13:50					0.0
17/05/2024 14:00					0.0
17/05/2024 14:10					0.0
17/05/2024 14:20					0.0
17/05/2024 14:30					0.0
17/05/2024 14:40					0.0
17/05/2024 14:50					0.0
17/05/2024 15:00					0.0
17/05/2024 15:10					0.0
17/05/2024 15:20					0.0
17/05/2024 15:30					0.0
17/05/2024 15:40					0.0
17/05/2024 15:50					0.0
17/05/2024 16:00					0.0
17/05/2024 16:10					0.0
17/05/2024 16:20					0.0
17/05/2024 16:30					0.0
17/05/2024 16:40					0.0
17/05/2024 16:50					0.0
17/05/2024 17:00					0.0
17/05/2024 17:10					0.0
17/05/2024 17:20					0.0
17/05/2024 17:30					0.0
17/05/2024 17:40					0.0
17/05/2024 17:50					0.0
17/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/05/2024 18:10					0.0
17/05/2024 18:20					0.0
17/05/2024 18:30					0.0
17/05/2024 18:40					0.0
17/05/2024 18:50					0.0
17/05/2024 19:00					0.0
17/05/2024 19:10					0.0
17/05/2024 19:20					0.0
17/05/2024 19:30					0.0
17/05/2024 19:40					0.0
17/05/2024 19:50					0.0
17/05/2024 20:00					0.0
17/05/2024 20:10					0.0
17/05/2024 20:20					0.0
17/05/2024 20:30					0.0
17/05/2024 20:40					0.0
17/05/2024 20:50					0.0
17/05/2024 21:00					0.0
17/05/2024 21:10					0.0
17/05/2024 21:20					0.0
17/05/2024 21:30					0.0
17/05/2024 21:40					0.0
17/05/2024 21:50					0.0
17/05/2024 22:00					0.0
17/05/2024 22:10					0.0
17/05/2024 22:20					0.0
17/05/2024 22:30					0.0
17/05/2024 22:40					0.0
17/05/2024 22:50					0.0
17/05/2024 23:00					0.0
17/05/2024 23:10					0.0
17/05/2024 23:20					0.0
17/05/2024 23:30					0.0
17/05/2024 23:40					0.0
17/05/2024 23:50					0.0
18/05/2024 0:00					0.0
18/05/2024 0:10					0.0
18/05/2024 0:20					0.0
18/05/2024 0:30					0.0
18/05/2024 0:40					0.0
18/05/2024 0:50					0.0
18/05/2024 1:00					0.0
18/05/2024 1:10					0.0
18/05/2024 1:20					0.0
18/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 1:40					0.0
18/05/2024 1:50					0.0
18/05/2024 2:00					0.0
18/05/2024 2:10					0.0
18/05/2024 2:20					0.0
18/05/2024 2:30					0.0
18/05/2024 2:40					0.0
18/05/2024 2:50					0.0
18/05/2024 3:00					0.0
18/05/2024 3:10					0.0
18/05/2024 3:20					0.0
18/05/2024 3:30					0.0
18/05/2024 3:40					0.0
18/05/2024 3:50					0.0
18/05/2024 4:00					0.0
18/05/2024 4:10					0.0
18/05/2024 4:20					0.0
18/05/2024 4:30					0.0
18/05/2024 4:40					0.0
18/05/2024 4:50					0.0
18/05/2024 5:00					0.0
18/05/2024 5:10					0.0
18/05/2024 5:20					0.0
18/05/2024 5:30					0.0
18/05/2024 5:40					0.0
18/05/2024 5:50					0.0
18/05/2024 6:00					0.0
18/05/2024 6:10					0.0
18/05/2024 6:20					0.0
18/05/2024 6:30					0.0
18/05/2024 6:40					0.0
18/05/2024 6:50					0.0
18/05/2024 7:00					0.0
18/05/2024 7:10					0.0
18/05/2024 7:20					0.0
18/05/2024 7:30					0.0
18/05/2024 7:40					0.0
18/05/2024 7:50					0.0
18/05/2024 8:00					0.0
18/05/2024 8:10					0.0
18/05/2024 8:20					0.0
18/05/2024 8:30					0.0
18/05/2024 8:40					0.0
18/05/2024 8:50					0.0
18/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 9:10					0.0
18/05/2024 9:20					0.0
18/05/2024 9:30					0.0
18/05/2024 9:40					0.0
18/05/2024 9:50					0.0
18/05/2024 10:00					0.0
18/05/2024 10:10					0.0
18/05/2024 10:20					0.0
18/05/2024 10:30					0.0
18/05/2024 10:40					0.0
18/05/2024 10:50					0.0
18/05/2024 11:00					0.0
18/05/2024 11:10					0.0
18/05/2024 11:20					0.0
18/05/2024 11:30					0.0
18/05/2024 11:40					0.0
18/05/2024 11:50					0.0
18/05/2024 12:00					0.0
18/05/2024 12:10					0.0
18/05/2024 12:20					0.0
18/05/2024 12:30					0.0
18/05/2024 12:40					0.0
18/05/2024 12:50					0.0
18/05/2024 13:00					0.0
18/05/2024 13:10					0.0
18/05/2024 13:20					0.0
18/05/2024 13:30					0.0
18/05/2024 13:40					0.0
18/05/2024 13:50					0.0
18/05/2024 14:00					0.0
18/05/2024 14:10					0.0
18/05/2024 14:20					0.0
18/05/2024 14:30					0.0
18/05/2024 14:40					0.0
18/05/2024 14:50					0.0
18/05/2024 15:00					0.0
18/05/2024 15:10					0.0
18/05/2024 15:20					0.0
18/05/2024 15:30					0.0
18/05/2024 15:40					0.0
18/05/2024 15:50					0.0
18/05/2024 16:00					0.0
18/05/2024 16:10					0.0
18/05/2024 16:20					0.0
18/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/05/2024 16:40					0.0
18/05/2024 16:50					0.0
18/05/2024 17:00					0.0
18/05/2024 17:10					0.0
18/05/2024 17:20					0.0
18/05/2024 17:30					0.0
18/05/2024 17:40					0.0
18/05/2024 17:50					0.0
18/05/2024 18:00					0.0
18/05/2024 18:10					0.0
18/05/2024 18:20					0.0
18/05/2024 18:30					0.0
18/05/2024 18:40					0.0
18/05/2024 18:50					0.0
18/05/2024 19:00					0.0
18/05/2024 19:10					0.0
18/05/2024 19:20					0.0
18/05/2024 19:30					0.0
18/05/2024 19:40					0.0
18/05/2024 19:50					0.0
18/05/2024 20:00					0.0
18/05/2024 20:10					0.0
18/05/2024 20:20					0.0
18/05/2024 20:30					0.0
18/05/2024 20:40					0.0
18/05/2024 20:50					0.0
18/05/2024 21:00					0.0
18/05/2024 21:10					0.0
18/05/2024 21:20					0.0
18/05/2024 21:30					0.0
18/05/2024 21:40					0.0
18/05/2024 21:50					0.0
18/05/2024 22:00					0.0
18/05/2024 22:10					0.0
18/05/2024 22:20					0.0
18/05/2024 22:30					0.0
18/05/2024 22:40					0.0
18/05/2024 22:50					0.0
18/05/2024 23:00					0.0
18/05/2024 23:10					0.0
18/05/2024 23:20					0.0
18/05/2024 23:30					0.0
18/05/2024 23:40					0.0
18/05/2024 23:50					0.0
19/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 0:10					0.0
19/05/2024 0:20					0.0
19/05/2024 0:30					0.0
19/05/2024 0:40					0.0
19/05/2024 0:50					0.0
19/05/2024 1:00					0.0
19/05/2024 1:10					0.0
19/05/2024 1:20					0.0
19/05/2024 1:30					0.0
19/05/2024 1:40					0.0
19/05/2024 1:50					0.0
19/05/2024 2:00					0.0
19/05/2024 2:10					0.0
19/05/2024 2:20					0.0
19/05/2024 2:30					0.0
19/05/2024 2:40					0.0
19/05/2024 2:50					0.0
19/05/2024 3:00					0.0
19/05/2024 3:10					0.0
19/05/2024 3:20					0.0
19/05/2024 3:30					0.0
19/05/2024 3:40					0.0
19/05/2024 3:50					0.0
19/05/2024 4:00					0.0
19/05/2024 4:10					0.0
19/05/2024 4:20					0.0
19/05/2024 4:30					0.0
19/05/2024 4:40					0.0
19/05/2024 4:50					0.0
19/05/2024 5:00					0.0
19/05/2024 5:10					0.0
19/05/2024 5:20					0.0
19/05/2024 5:30					0.0
19/05/2024 5:40					0.0
19/05/2024 5:50					0.0
19/05/2024 6:00					0.0
19/05/2024 6:10					0.0
19/05/2024 6:20					0.0
19/05/2024 6:30					0.0
19/05/2024 6:40					0.0
19/05/2024 6:50					0.0
19/05/2024 7:00					0.0
19/05/2024 7:10					0.0
19/05/2024 7:20					0.0
19/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 7:40					0.0
19/05/2024 7:50					0.0
19/05/2024 8:00					0.0
19/05/2024 8:10					0.0
19/05/2024 8:20					0.0
19/05/2024 8:30					0.0
19/05/2024 8:40					0.0
19/05/2024 8:50					0.0
19/05/2024 9:00					0.0
19/05/2024 9:10					0.0
19/05/2024 9:20					0.0
19/05/2024 9:30					0.0
19/05/2024 9:40					0.0
19/05/2024 9:50					0.0
19/05/2024 10:00					0.0
19/05/2024 10:10					0.0
19/05/2024 10:20					0.0
19/05/2024 10:30					0.0
19/05/2024 10:40					0.0
19/05/2024 10:50					0.0
19/05/2024 11:00					0.0
19/05/2024 11:10					0.0
19/05/2024 11:20					0.0
19/05/2024 11:30					0.0
19/05/2024 11:40					0.0
19/05/2024 11:50					0.0
19/05/2024 12:00					0.0
19/05/2024 12:10					0.0
19/05/2024 12:20					0.0
19/05/2024 12:30					0.0
19/05/2024 12:40					0.0
19/05/2024 12:50					0.0
19/05/2024 13:00					0.0
19/05/2024 13:10					0.0
19/05/2024 13:20					0.0
19/05/2024 13:30					0.0
19/05/2024 13:40					0.0
19/05/2024 13:50					0.0
19/05/2024 14:00					0.0
19/05/2024 14:10					0.0
19/05/2024 14:20					0.0
19/05/2024 14:30					0.0
19/05/2024 14:40					0.0
19/05/2024 14:50					0.0
19/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 15:10					0.0
19/05/2024 15:20					0.0
19/05/2024 15:30					0.0
19/05/2024 15:40					0.0
19/05/2024 15:50					0.0
19/05/2024 16:00					0.0
19/05/2024 16:10					0.0
19/05/2024 16:20					0.0
19/05/2024 16:30					0.0
19/05/2024 16:40					0.0
19/05/2024 16:50					0.0
19/05/2024 17:00					0.0
19/05/2024 17:10					0.0
19/05/2024 17:20					0.0
19/05/2024 17:30					0.0
19/05/2024 17:40					0.0
19/05/2024 17:50					0.0
19/05/2024 18:00					0.0
19/05/2024 18:10					0.0
19/05/2024 18:20					0.0
19/05/2024 18:30					0.0
19/05/2024 18:40					0.0
19/05/2024 18:50					0.0
19/05/2024 19:00					0.0
19/05/2024 19:10					0.0
19/05/2024 19:20					0.0
19/05/2024 19:30					0.0
19/05/2024 19:40					0.0
19/05/2024 19:50					0.0
19/05/2024 20:00					0.0
19/05/2024 20:10					0.0
19/05/2024 20:20					0.0
19/05/2024 20:30					0.0
19/05/2024 20:40					0.0
19/05/2024 20:50					0.0
19/05/2024 21:00					0.0
19/05/2024 21:10					0.0
19/05/2024 21:20					0.0
19/05/2024 21:30					0.0
19/05/2024 21:40					0.0
19/05/2024 21:50					0.0
19/05/2024 22:00					0.0
19/05/2024 22:10					0.0
19/05/2024 22:20					0.0
19/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/05/2024 22:40					0.0
19/05/2024 22:50					0.0
19/05/2024 23:00					0.0
19/05/2024 23:10					0.0
19/05/2024 23:20					0.0
19/05/2024 23:30					0.0
19/05/2024 23:40					0.0
19/05/2024 23:50					0.0
20/05/2024 0:00					0.0
20/05/2024 0:10					0.0
20/05/2024 0:20					0.0
20/05/2024 0:30					0.0
20/05/2024 0:40					0.0
20/05/2024 0:50					0.0
20/05/2024 1:00					0.0
20/05/2024 1:10					0.0
20/05/2024 1:20					0.0
20/05/2024 1:30					0.0
20/05/2024 1:40					0.0
20/05/2024 1:50					0.0
20/05/2024 2:00					0.0
20/05/2024 2:10					0.0
20/05/2024 2:20					0.0
20/05/2024 2:30					0.0
20/05/2024 2:40					0.0
20/05/2024 2:50					0.0
20/05/2024 3:00					0.0
20/05/2024 3:10					0.0
20/05/2024 3:20					0.0
20/05/2024 3:30					0.0
20/05/2024 3:40					0.0
20/05/2024 3:50					0.0
20/05/2024 4:00					0.0
20/05/2024 4:10					0.0
20/05/2024 4:20					0.0
20/05/2024 4:30					0.0
20/05/2024 4:40					0.0
20/05/2024 4:50					0.0
20/05/2024 5:00					0.0
20/05/2024 5:10					0.0
20/05/2024 5:20					0.0
20/05/2024 5:30					0.0
20/05/2024 5:40					0.0
20/05/2024 5:50					0.0
20/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 6:10					0.0
20/05/2024 6:20					0.0
20/05/2024 6:30					0.0
20/05/2024 6:40					0.0
20/05/2024 6:50					0.0
20/05/2024 7:00					0.0
20/05/2024 7:10					0.0
20/05/2024 7:20					0.0
20/05/2024 7:30					0.0
20/05/2024 7:40					0.0
20/05/2024 7:50					0.0
20/05/2024 8:00					0.0
20/05/2024 8:10					0.0
20/05/2024 8:20					0.0
20/05/2024 8:30					0.0
20/05/2024 8:40					0.0
20/05/2024 8:50					0.0
20/05/2024 9:00					0.0
20/05/2024 9:10					0.0
20/05/2024 9:20					0.0
20/05/2024 9:30					0.0
20/05/2024 9:40					0.0
20/05/2024 9:50					0.0
20/05/2024 10:00					0.0
20/05/2024 10:10					0.0
20/05/2024 10:20					0.0
20/05/2024 10:30					0.0
20/05/2024 10:40					0.0
20/05/2024 10:50					0.0
20/05/2024 11:00					0.0
20/05/2024 11:10					0.0
20/05/2024 11:20					0.0
20/05/2024 11:30					0.0
20/05/2024 11:40					0.0
20/05/2024 11:50					0.0
20/05/2024 12:00					0.0
20/05/2024 12:10					0.0
20/05/2024 12:20					0.0
20/05/2024 12:30					0.0
20/05/2024 12:40					0.0
20/05/2024 12:50					0.0
20/05/2024 13:00					0.0
20/05/2024 13:10					0.0
20/05/2024 13:20					0.0
20/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 13:40					0.0
20/05/2024 13:50					0.0
20/05/2024 14:00					0.0
20/05/2024 14:10					0.0
20/05/2024 14:20					0.0
20/05/2024 14:30					0.0
20/05/2024 14:40					0.0
20/05/2024 14:50					0.0
20/05/2024 15:00					0.0
20/05/2024 15:10					0.0
20/05/2024 15:20					0.0
20/05/2024 15:30					0.0
20/05/2024 15:40					0.0
20/05/2024 15:50					0.0
20/05/2024 16:00					0.0
20/05/2024 16:10					0.0
20/05/2024 16:20					0.0
20/05/2024 16:30					0.0
20/05/2024 16:40					0.0
20/05/2024 16:50					0.0
20/05/2024 17:00					0.0
20/05/2024 17:10					0.0
20/05/2024 17:20					0.0
20/05/2024 17:30					0.0
20/05/2024 17:40					0.0
20/05/2024 17:50					0.0
20/05/2024 18:00					0.0
20/05/2024 18:10					0.0
20/05/2024 18:20					0.0
20/05/2024 18:30					0.0
20/05/2024 18:40					0.0
20/05/2024 18:50					0.0
20/05/2024 19:00					0.0
20/05/2024 19:10					0.0
20/05/2024 19:20					0.0
20/05/2024 19:30					0.0
20/05/2024 19:40					0.0
20/05/2024 19:50					0.0
20/05/2024 20:00					0.0
20/05/2024 20:10					0.0
20/05/2024 20:20					0.0
20/05/2024 20:30					0.0
20/05/2024 20:40					0.0
20/05/2024 20:50					0.0
20/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/05/2024 21:10					0.0
20/05/2024 21:20					0.0
20/05/2024 21:30					0.0
20/05/2024 21:40					0.0
20/05/2024 21:50					0.0
20/05/2024 22:00					0.0
20/05/2024 22:10					0.0
20/05/2024 22:20					0.0
20/05/2024 22:30					0.0
20/05/2024 22:40					0.0
20/05/2024 22:50					0.0
20/05/2024 23:00					0.0
20/05/2024 23:10					0.0
20/05/2024 23:20					0.0
20/05/2024 23:30					0.0
20/05/2024 23:40					0.0
20/05/2024 23:50					0.0
21/05/2024 0:00					0.0
21/05/2024 0:10					0.0
21/05/2024 0:20					0.0
21/05/2024 0:30					0.0
21/05/2024 0:40					0.0
21/05/2024 0:50					0.0
21/05/2024 1:00					0.0
21/05/2024 1:10					0.0
21/05/2024 1:20					0.0
21/05/2024 1:30					0.0
21/05/2024 1:40					0.0
21/05/2024 1:50					0.0
21/05/2024 2:00					0.0
21/05/2024 2:10					0.0
21/05/2024 2:20					0.0
21/05/2024 2:30					0.0
21/05/2024 2:40					0.0
21/05/2024 2:50					0.0
21/05/2024 3:00					0.0
21/05/2024 3:10					0.0
21/05/2024 3:20					0.0
21/05/2024 3:30					0.0
21/05/2024 3:40					0.0
21/05/2024 3:50					0.0
21/05/2024 4:00					0.0
21/05/2024 4:10					0.0
21/05/2024 4:20					0.0
21/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 4:40					0.0
21/05/2024 4:50					0.0
21/05/2024 5:00					0.0
21/05/2024 5:10					0.0
21/05/2024 5:20					0.0
21/05/2024 5:30					0.0
21/05/2024 5:40					0.0
21/05/2024 5:50					0.0
21/05/2024 6:00					0.0
21/05/2024 6:10					0.0
21/05/2024 6:20					0.0
21/05/2024 6:30					0.0
21/05/2024 6:40					0.0
21/05/2024 6:50					0.0
21/05/2024 7:00					0.0
21/05/2024 7:10					0.0
21/05/2024 7:20					0.0
21/05/2024 7:30					0.0
21/05/2024 7:40					0.0
21/05/2024 7:50					0.0
21/05/2024 8:00					0.0
21/05/2024 8:10					0.0
21/05/2024 8:20					0.0
21/05/2024 8:30					0.0
21/05/2024 8:40					0.0
21/05/2024 8:50					0.0
21/05/2024 9:00					0.0
21/05/2024 9:10					0.0
21/05/2024 9:20					0.0
21/05/2024 9:30					0.0
21/05/2024 9:40					0.0
21/05/2024 9:50					0.0
21/05/2024 10:00					0.0
21/05/2024 10:10					0.0
21/05/2024 10:20					0.0
21/05/2024 10:30					0.0
21/05/2024 10:40					0.0
21/05/2024 10:50					0.0
21/05/2024 11:00					0.0
21/05/2024 11:10					0.0
21/05/2024 11:20					0.0
21/05/2024 11:30					0.0
21/05/2024 11:40					0.0
21/05/2024 11:50					0.0
21/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 12:10					0.0
21/05/2024 12:20					0.0
21/05/2024 12:30					0.0
21/05/2024 12:40					0.0
21/05/2024 12:50					0.0
21/05/2024 13:00					0.0
21/05/2024 13:10					0.0
21/05/2024 13:20					0.0
21/05/2024 13:30					0.0
21/05/2024 13:40					0.0
21/05/2024 13:50					0.0
21/05/2024 14:00					0.0
21/05/2024 14:10					0.0
21/05/2024 14:20					0.0
21/05/2024 14:30					0.0
21/05/2024 14:40					0.0
21/05/2024 14:50					0.0
21/05/2024 15:00					0.0
21/05/2024 15:10					0.0
21/05/2024 15:20					0.0
21/05/2024 15:30					0.0
21/05/2024 15:40					0.0
21/05/2024 15:50					0.0
21/05/2024 16:00					0.0
21/05/2024 16:10					0.0
21/05/2024 16:20					0.0
21/05/2024 16:30					0.0
21/05/2024 16:40					0.0
21/05/2024 16:50					0.0
21/05/2024 17:00					0.0
21/05/2024 17:10					0.0
21/05/2024 17:20					0.0
21/05/2024 17:30					0.0
21/05/2024 17:40					0.0
21/05/2024 17:50					0.0
21/05/2024 18:00					0.0
21/05/2024 18:10					0.0
21/05/2024 18:20					0.0
21/05/2024 18:30					0.0
21/05/2024 18:40					0.0
21/05/2024 18:50					0.0
21/05/2024 19:00					0.0
21/05/2024 19:10					0.0
21/05/2024 19:20					0.0
21/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/05/2024 19:40					0.0
21/05/2024 19:50					0.0
21/05/2024 20:00					0.0
21/05/2024 20:10					0.0
21/05/2024 20:20					0.0
21/05/2024 20:30					0.0
21/05/2024 20:40					0.0
21/05/2024 20:50					0.0
21/05/2024 21:00					0.0
21/05/2024 21:10					0.0
21/05/2024 21:20					0.0
21/05/2024 21:30					0.0
21/05/2024 21:40					0.0
21/05/2024 21:50					0.0
21/05/2024 22:00					0.0
21/05/2024 22:10					0.0
21/05/2024 22:20					0.0
21/05/2024 22:30					0.0
21/05/2024 22:40					0.0
21/05/2024 22:50					0.0
21/05/2024 23:00					0.0
21/05/2024 23:10					0.0
21/05/2024 23:20					0.0
21/05/2024 23:30					0.0
21/05/2024 23:40					0.0
21/05/2024 23:50					0.0
22/05/2024 0:00					0.0
22/05/2024 0:10					0.0
22/05/2024 0:20					0.0
22/05/2024 0:30					0.0
22/05/2024 0:40					0.0
22/05/2024 0:50					0.0
22/05/2024 1:00					0.0
22/05/2024 1:10					0.0
22/05/2024 1:20					0.0
22/05/2024 1:30					0.0
22/05/2024 1:40					0.0
22/05/2024 1:50					0.0
22/05/2024 2:00					0.0
22/05/2024 2:10					0.0
22/05/2024 2:20					0.0
22/05/2024 2:30					0.0
22/05/2024 2:40					0.0
22/05/2024 2:50					0.0
22/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 3:10					0.0
22/05/2024 3:20					0.0
22/05/2024 3:30					0.0
22/05/2024 3:40					0.0
22/05/2024 3:50					0.0
22/05/2024 4:00					0.0
22/05/2024 4:10					0.0
22/05/2024 4:20					0.0
22/05/2024 4:30					0.0
22/05/2024 4:40					0.0
22/05/2024 4:50					0.0
22/05/2024 5:00					0.0
22/05/2024 5:10					0.0
22/05/2024 5:20					0.0
22/05/2024 5:30					0.0
22/05/2024 5:40					0.0
22/05/2024 5:50					0.0
22/05/2024 6:00					0.0
22/05/2024 6:10					0.0
22/05/2024 6:20					0.0
22/05/2024 6:30					0.0
22/05/2024 6:40					0.0
22/05/2024 6:50					0.0
22/05/2024 7:00					0.0
22/05/2024 7:10					0.0
22/05/2024 7:20					0.0
22/05/2024 7:30					0.0
22/05/2024 7:40					0.0
22/05/2024 7:50					0.0
22/05/2024 8:00					0.0
22/05/2024 8:10					0.0
22/05/2024 8:20					0.0
22/05/2024 8:30					0.0
22/05/2024 8:40					0.0
22/05/2024 8:50					0.0
22/05/2024 9:00					0.0
22/05/2024 9:10					0.0
22/05/2024 9:20					0.0
22/05/2024 9:30					0.0
22/05/2024 9:40					0.0
22/05/2024 9:50					0.0
22/05/2024 10:00					0.0
22/05/2024 10:10					0.0
22/05/2024 10:20					0.0
22/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 10:40					0.0
22/05/2024 10:50					0.0
22/05/2024 11:00					0.0
22/05/2024 11:10					0.0
22/05/2024 11:20					0.0
22/05/2024 11:30					0.0
22/05/2024 11:40					0.0
22/05/2024 11:50					0.0
22/05/2024 12:00					0.0
22/05/2024 12:10					0.0
22/05/2024 12:20					0.0
22/05/2024 12:30					0.0
22/05/2024 12:40					0.0
22/05/2024 12:50					0.0
22/05/2024 13:00					0.0
22/05/2024 13:10					0.0
22/05/2024 13:20					0.0
22/05/2024 13:30					0.0
22/05/2024 13:40					0.0
22/05/2024 13:50					0.0
22/05/2024 14:00					0.0
22/05/2024 14:10					0.0
22/05/2024 14:20					0.0
22/05/2024 14:30					0.0
22/05/2024 14:40					0.0
22/05/2024 14:50					0.0
22/05/2024 15:00					0.0
22/05/2024 15:10					0.0
22/05/2024 15:20					0.0
22/05/2024 15:30					0.0
22/05/2024 15:40					0.0
22/05/2024 15:50					0.0
22/05/2024 16:00					0.0
22/05/2024 16:10					0.0
22/05/2024 16:20					0.0
22/05/2024 16:30					0.0
22/05/2024 16:40					0.0
22/05/2024 16:50					0.0
22/05/2024 17:00					0.0
22/05/2024 17:10					0.0
22/05/2024 17:20					0.0
22/05/2024 17:30					0.0
22/05/2024 17:40					0.0
22/05/2024 17:50					0.0
22/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/05/2024 18:10					0.0
22/05/2024 18:20					0.0
22/05/2024 18:30					0.0
22/05/2024 18:40					0.0
22/05/2024 18:50					0.0
22/05/2024 19:00					0.0
22/05/2024 19:10					0.0
22/05/2024 19:20					0.0
22/05/2024 19:30					0.0
22/05/2024 19:40					0.0
22/05/2024 19:50					0.0
22/05/2024 20:00					0.0
22/05/2024 20:10					0.0
22/05/2024 20:20					0.0
22/05/2024 20:30					0.0
22/05/2024 20:40					0.0
22/05/2024 20:50					0.0
22/05/2024 21:00					0.0
22/05/2024 21:10					0.0
22/05/2024 21:20					0.0
22/05/2024 21:30					0.0
22/05/2024 21:40					0.0
22/05/2024 21:50					0.0
22/05/2024 22:00					0.0
22/05/2024 22:10					0.0
22/05/2024 22:20					0.0
22/05/2024 22:30					0.0
22/05/2024 22:40					0.0
22/05/2024 22:50					0.0
22/05/2024 23:00					0.0
22/05/2024 23:10					0.0
22/05/2024 23:20					0.0
22/05/2024 23:30					0.0
22/05/2024 23:40					0.0
22/05/2024 23:50					0.0
23/05/2024 0:00					0.0
23/05/2024 0:10					0.0
23/05/2024 0:20					0.0
23/05/2024 0:30					0.0
23/05/2024 0:40					0.0
23/05/2024 0:50					0.0
23/05/2024 1:00					0.0
23/05/2024 1:10					0.0
23/05/2024 1:20					0.0
23/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 1:40					0.0
23/05/2024 1:50					0.0
23/05/2024 2:00					0.0
23/05/2024 2:10					0.0
23/05/2024 2:20					0.0
23/05/2024 2:30					0.0
23/05/2024 2:40					0.0
23/05/2024 2:50					0.0
23/05/2024 3:00					0.0
23/05/2024 3:10					0.0
23/05/2024 3:20					0.0
23/05/2024 3:30					0.0
23/05/2024 3:40					0.0
23/05/2024 3:50					0.0
23/05/2024 4:00					0.0
23/05/2024 4:10					0.0
23/05/2024 4:20					0.0
23/05/2024 4:30					0.0
23/05/2024 4:40					0.0
23/05/2024 4:50					0.0
23/05/2024 5:00					0.0
23/05/2024 5:10					0.0
23/05/2024 5:20					0.0
23/05/2024 5:30					0.0
23/05/2024 5:40					0.0
23/05/2024 5:50					0.0
23/05/2024 6:00					0.0
23/05/2024 6:10					0.0
23/05/2024 6:20					0.0
23/05/2024 6:30					0.0
23/05/2024 6:40					0.0
23/05/2024 6:50					0.0
23/05/2024 7:00					0.0
23/05/2024 7:10					0.0
23/05/2024 7:20					0.0
23/05/2024 7:30					0.0
23/05/2024 7:40					0.0
23/05/2024 7:50					0.0
23/05/2024 8:00					0.0
23/05/2024 8:10					0.0
23/05/2024 8:20					0.0
23/05/2024 8:30					0.0
23/05/2024 8:40					0.0
23/05/2024 8:50					0.0
23/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 9:10					0.0
23/05/2024 9:20					0.0
23/05/2024 9:30					0.0
23/05/2024 9:40					0.0
23/05/2024 9:50					0.0
23/05/2024 10:00					0.0
23/05/2024 10:10					0.0
23/05/2024 10:20					0.0
23/05/2024 10:30					0.0
23/05/2024 10:40					0.0
23/05/2024 10:50					0.0
23/05/2024 11:00					0.0
23/05/2024 11:10					0.0
23/05/2024 11:20					0.0
23/05/2024 11:30					0.0
23/05/2024 11:40					0.0
23/05/2024 11:50					0.0
23/05/2024 12:00					0.0
23/05/2024 12:10					0.0
23/05/2024 12:20					0.0
23/05/2024 12:30					0.0
23/05/2024 12:40					0.0
23/05/2024 12:50					0.0
23/05/2024 13:00					0.0
23/05/2024 13:10					0.0
23/05/2024 13:20					0.0
23/05/2024 13:30					0.0
23/05/2024 13:40					0.0
23/05/2024 13:50					0.0
23/05/2024 14:00					0.0
23/05/2024 14:10					0.0
23/05/2024 14:20					0.0
23/05/2024 14:30					0.0
23/05/2024 14:40					0.0
23/05/2024 14:50					0.0
23/05/2024 15:00					0.0
23/05/2024 15:10					0.0
23/05/2024 15:20					0.0
23/05/2024 15:30					0.0
23/05/2024 15:40					0.0
23/05/2024 15:50					0.0
23/05/2024 16:00					0.0
23/05/2024 16:10					0.0
23/05/2024 16:20					0.0
23/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/05/2024 16:40					0.0
23/05/2024 16:50					0.0
23/05/2024 17:00					0.0
23/05/2024 17:10					0.0
23/05/2024 17:20					0.0
23/05/2024 17:30					0.0
23/05/2024 17:40					0.0
23/05/2024 17:50					0.0
23/05/2024 18:00					0.0
23/05/2024 18:10					0.0
23/05/2024 18:20					0.0
23/05/2024 18:30					0.0
23/05/2024 18:40					0.0
23/05/2024 18:50					0.0
23/05/2024 19:00					0.0
23/05/2024 19:10					0.0
23/05/2024 19:20					0.0
23/05/2024 19:30					0.0
23/05/2024 19:40					0.0
23/05/2024 19:50					0.0
23/05/2024 20:00					0.0
23/05/2024 20:10					0.0
23/05/2024 20:20					0.0
23/05/2024 20:30					0.0
23/05/2024 20:40					0.0
23/05/2024 20:50					0.0
23/05/2024 21:00					0.0
23/05/2024 21:10					0.0
23/05/2024 21:20					0.0
23/05/2024 21:30					0.0
23/05/2024 21:40					0.0
23/05/2024 21:50					0.0
23/05/2024 22:00					0.0
23/05/2024 22:10					0.0
23/05/2024 22:20					0.0
23/05/2024 22:30					0.0
23/05/2024 22:40					0.0
23/05/2024 22:50					0.0
23/05/2024 23:00					0.0
23/05/2024 23:10					0.0
23/05/2024 23:20					0.0
23/05/2024 23:30					0.0
23/05/2024 23:40					0.0
23/05/2024 23:50					0.0
24/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 0:10					0.0
24/05/2024 0:20					0.0
24/05/2024 0:30					0.0
24/05/2024 0:40					0.0
24/05/2024 0:50					0.0
24/05/2024 1:00					0.0
24/05/2024 1:10					0.0
24/05/2024 1:20					0.0
24/05/2024 1:30					0.0
24/05/2024 1:40					0.0
24/05/2024 1:50					0.0
24/05/2024 2:00					0.0
24/05/2024 2:10					0.0
24/05/2024 2:20					0.0
24/05/2024 2:30					0.0
24/05/2024 2:40					0.0
24/05/2024 2:50					0.0
24/05/2024 3:00					0.0
24/05/2024 3:10					0.0
24/05/2024 3:20					0.0
24/05/2024 3:30					0.0
24/05/2024 3:40					0.0
24/05/2024 3:50					0.0
24/05/2024 4:00					0.0
24/05/2024 4:10					0.0
24/05/2024 4:20					0.0
24/05/2024 4:30					0.0
24/05/2024 4:40					0.0
24/05/2024 4:50					0.0
24/05/2024 5:00					0.0
24/05/2024 5:10					0.0
24/05/2024 5:20					0.0
24/05/2024 5:30					0.0
24/05/2024 5:40					0.0
24/05/2024 5:50					0.0
24/05/2024 6:00					0.0
24/05/2024 6:10					0.0
24/05/2024 6:20					0.0
24/05/2024 6:30					0.0
24/05/2024 6:40					0.0
24/05/2024 6:50					0.0
24/05/2024 7:00					0.0
24/05/2024 7:10					0.0
24/05/2024 7:20					0.0
24/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 7:40					0.0
24/05/2024 7:50					0.0
24/05/2024 8:00					0.0
24/05/2024 8:10					0.0
24/05/2024 8:20					0.0
24/05/2024 8:30					0.0
24/05/2024 8:40					0.0
24/05/2024 8:50					0.0
24/05/2024 9:00					0.0
24/05/2024 9:10					0.0
24/05/2024 9:20					0.0
24/05/2024 9:30					0.0
24/05/2024 9:40					0.0
24/05/2024 9:50					0.0
24/05/2024 10:00					0.0
24/05/2024 10:10					0.0
24/05/2024 10:20					0.0
24/05/2024 10:30					0.0
24/05/2024 10:40					0.0
24/05/2024 10:50					0.0
24/05/2024 11:00					0.0
24/05/2024 11:10					0.0
24/05/2024 11:20					0.0
24/05/2024 11:30					0.0
24/05/2024 11:40					0.0
24/05/2024 11:50					0.0
24/05/2024 12:00					0.0
24/05/2024 12:10					0.0
24/05/2024 12:20					0.0
24/05/2024 12:30					0.0
24/05/2024 12:40					0.0
24/05/2024 12:50					0.0
24/05/2024 13:00					0.0
24/05/2024 13:10					0.0
24/05/2024 13:20					0.0
24/05/2024 13:30					0.0
24/05/2024 13:40					0.0
24/05/2024 13:50					0.0
24/05/2024 14:00					0.0
24/05/2024 14:10					0.0
24/05/2024 14:20					0.0
24/05/2024 14:30					0.0
24/05/2024 14:40					0.0
24/05/2024 14:50					0.0
24/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 15:10					0.0
24/05/2024 15:20					0.0
24/05/2024 15:30					0.0
24/05/2024 15:40					0.0
24/05/2024 15:50					0.0
24/05/2024 16:00					0.0
24/05/2024 16:10					0.0
24/05/2024 16:20					0.0
24/05/2024 16:30					0.0
24/05/2024 16:40					0.0
24/05/2024 16:50					0.0
24/05/2024 17:00					0.0
24/05/2024 17:10					0.0
24/05/2024 17:20					0.0
24/05/2024 17:30					0.0
24/05/2024 17:40					0.0
24/05/2024 17:50					0.0
24/05/2024 18:00					0.0
24/05/2024 18:10					0.0
24/05/2024 18:20					0.0
24/05/2024 18:30					0.0
24/05/2024 18:40					0.0
24/05/2024 18:50					0.0
24/05/2024 19:00					0.0
24/05/2024 19:10					0.0
24/05/2024 19:20					0.0
24/05/2024 19:30					0.0
24/05/2024 19:40					0.0
24/05/2024 19:50					0.0
24/05/2024 20:00					0.0
24/05/2024 20:10					0.0
24/05/2024 20:20					0.0
24/05/2024 20:30					0.0
24/05/2024 20:40					0.0
24/05/2024 20:50					0.0
24/05/2024 21:00					0.0
24/05/2024 21:10					0.0
24/05/2024 21:20					0.0
24/05/2024 21:30					0.0
24/05/2024 21:40					0.0
24/05/2024 21:50					0.0
24/05/2024 22:00					0.0
24/05/2024 22:10					0.0
24/05/2024 22:20					0.0
24/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/05/2024 22:40					0.0
24/05/2024 22:50					0.0
24/05/2024 23:00					0.0
24/05/2024 23:10					0.0
24/05/2024 23:20					0.0
24/05/2024 23:30					0.0
24/05/2024 23:40					0.0
24/05/2024 23:50					0.0
25/05/2024 0:00					0.0
25/05/2024 0:10					0.0
25/05/2024 0:20					0.0
25/05/2024 0:30					0.0
25/05/2024 0:40					0.0
25/05/2024 0:50					0.0
25/05/2024 1:00					0.0
25/05/2024 1:10					0.0
25/05/2024 1:20					0.0
25/05/2024 1:30					0.0
25/05/2024 1:40					0.0
25/05/2024 1:50					0.0
25/05/2024 2:00					0.0
25/05/2024 2:10					0.0
25/05/2024 2:20					0.0
25/05/2024 2:30					0.0
25/05/2024 2:40					0.0
25/05/2024 2:50					0.0
25/05/2024 3:00					0.0
25/05/2024 3:10					0.0
25/05/2024 3:20					0.0
25/05/2024 3:30					0.0
25/05/2024 3:40					0.0
25/05/2024 3:50					0.0
25/05/2024 4:00					0.0
25/05/2024 4:10					0.0
25/05/2024 4:20					0.0
25/05/2024 4:30					0.0
25/05/2024 4:40					0.0
25/05/2024 4:50					0.0
25/05/2024 5:00					0.0
25/05/2024 5:10					0.0
25/05/2024 5:20					0.0
25/05/2024 5:30					0.0
25/05/2024 5:40					0.0
25/05/2024 5:50					0.0
25/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 6:10					0.0
25/05/2024 6:20					0.0
25/05/2024 6:30					0.0
25/05/2024 6:40					0.0
25/05/2024 6:50					0.0
25/05/2024 7:00					0.0
25/05/2024 7:10					0.0
25/05/2024 7:20					0.0
25/05/2024 7:30					0.0
25/05/2024 7:40					0.0
25/05/2024 7:50					0.0
25/05/2024 8:00					0.0
25/05/2024 8:10					0.0
25/05/2024 8:20					0.0
25/05/2024 8:30					0.0
25/05/2024 8:40					0.0
25/05/2024 8:50					0.0
25/05/2024 9:00					0.0
25/05/2024 9:10					0.0
25/05/2024 9:20					0.0
25/05/2024 9:30					0.0
25/05/2024 9:40					0.0
25/05/2024 9:50					0.0
25/05/2024 10:00					0.0
25/05/2024 10:10					0.0
25/05/2024 10:20					0.0
25/05/2024 10:30					0.0
25/05/2024 10:40					0.0
25/05/2024 10:50					0.0
25/05/2024 11:00					0.0
25/05/2024 11:10					0.0
25/05/2024 11:20					0.0
25/05/2024 11:30					0.0
25/05/2024 11:40					0.0
25/05/2024 11:50					0.0
25/05/2024 12:00					0.0
25/05/2024 12:10					0.0
25/05/2024 12:20					0.0
25/05/2024 12:30					0.0
25/05/2024 12:40					0.0
25/05/2024 12:50					0.0
25/05/2024 13:00					0.0
25/05/2024 13:10					0.0
25/05/2024 13:20					0.0
25/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 13:40					0.0
25/05/2024 13:50					0.0
25/05/2024 14:00					0.0
25/05/2024 14:10					0.0
25/05/2024 14:20					0.0
25/05/2024 14:30					0.0
25/05/2024 14:40					0.0
25/05/2024 14:50					0.0
25/05/2024 15:00					0.0
25/05/2024 15:10					0.0
25/05/2024 15:20					0.0
25/05/2024 15:30					0.0
25/05/2024 15:40					0.0
25/05/2024 15:50					0.0
25/05/2024 16:00					0.0
25/05/2024 16:10					0.0
25/05/2024 16:20					0.0
25/05/2024 16:30					0.0
25/05/2024 16:40					0.0
25/05/2024 16:50					0.0
25/05/2024 17:00					0.0
25/05/2024 17:10					0.0
25/05/2024 17:20					0.0
25/05/2024 17:30					0.0
25/05/2024 17:40					0.0
25/05/2024 17:50					0.0
25/05/2024 18:00					0.0
25/05/2024 18:10					0.0
25/05/2024 18:20					0.0
25/05/2024 18:30					0.0
25/05/2024 18:40					0.0
25/05/2024 18:50					0.0
25/05/2024 19:00					0.0
25/05/2024 19:10					0.0
25/05/2024 19:20					0.0
25/05/2024 19:30					0.0
25/05/2024 19:40					0.0
25/05/2024 19:50					0.0
25/05/2024 20:00					0.0
25/05/2024 20:10					0.0
25/05/2024 20:20					0.0
25/05/2024 20:30					0.0
25/05/2024 20:40					0.0
25/05/2024 20:50					0.0
25/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/05/2024 21:10					0.0
25/05/2024 21:20					0.0
25/05/2024 21:30					0.0
25/05/2024 21:40					0.0
25/05/2024 21:50					0.0
25/05/2024 22:00					0.0
25/05/2024 22:10					0.0
25/05/2024 22:20					0.0
25/05/2024 22:30					0.0
25/05/2024 22:40					0.0
25/05/2024 22:50					0.0
25/05/2024 23:00					0.0
25/05/2024 23:10					0.0
25/05/2024 23:20					0.0
25/05/2024 23:30					0.0
25/05/2024 23:40					0.0
25/05/2024 23:50					0.0
26/05/2024 0:00					0.0
26/05/2024 0:10					0.0
26/05/2024 0:20					0.0
26/05/2024 0:30					0.0
26/05/2024 0:40					0.0
26/05/2024 0:50					0.0
26/05/2024 1:00					0.0
26/05/2024 1:10					0.0
26/05/2024 1:20					0.0
26/05/2024 1:30					0.0
26/05/2024 1:40					0.0
26/05/2024 1:50					0.0
26/05/2024 2:00					0.0
26/05/2024 2:10					0.0
26/05/2024 2:20					0.0
26/05/2024 2:30					0.0
26/05/2024 2:40					0.0
26/05/2024 2:50					0.0
26/05/2024 3:00					0.0
26/05/2024 3:10					0.0
26/05/2024 3:20					0.0
26/05/2024 3:30					0.0
26/05/2024 3:40					0.0
26/05/2024 3:50					0.0
26/05/2024 4:00					0.0
26/05/2024 4:10					0.0
26/05/2024 4:20					0.0
26/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 4:40					0.0
26/05/2024 4:50					0.0
26/05/2024 5:00					0.0
26/05/2024 5:10					0.0
26/05/2024 5:20					0.0
26/05/2024 5:30					0.0
26/05/2024 5:40					0.0
26/05/2024 5:50					0.0
26/05/2024 6:00					0.0
26/05/2024 6:10					0.0
26/05/2024 6:20					0.0
26/05/2024 6:30					0.0
26/05/2024 6:40					0.0
26/05/2024 6:50					0.0
26/05/2024 7:00					0.0
26/05/2024 7:10					0.0
26/05/2024 7:20					0.0
26/05/2024 7:30					0.0
26/05/2024 7:40					0.0
26/05/2024 7:50					0.0
26/05/2024 8:00					0.0
26/05/2024 8:10					0.0
26/05/2024 8:20					0.0
26/05/2024 8:30					0.0
26/05/2024 8:40					0.0
26/05/2024 8:50					0.0
26/05/2024 9:00					0.0
26/05/2024 9:10					0.0
26/05/2024 9:20					0.0
26/05/2024 9:30					0.0
26/05/2024 9:40					0.0
26/05/2024 9:50					0.0
26/05/2024 10:00					0.0
26/05/2024 10:10					0.0
26/05/2024 10:20					0.0
26/05/2024 10:30					0.0
26/05/2024 10:40					0.0
26/05/2024 10:50					0.0
26/05/2024 11:00					0.0
26/05/2024 11:10					0.0
26/05/2024 11:20					0.0
26/05/2024 11:30					0.0
26/05/2024 11:40					0.0
26/05/2024 11:50					0.0
26/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 12:10					0.0
26/05/2024 12:20					0.0
26/05/2024 12:30					0.0
26/05/2024 12:40					0.0
26/05/2024 12:50					0.0
26/05/2024 13:00					0.0
26/05/2024 13:10					0.0
26/05/2024 13:20					0.0
26/05/2024 13:30					0.0
26/05/2024 13:40					0.0
26/05/2024 13:50					0.0
26/05/2024 14:00					0.0
26/05/2024 14:10					0.0
26/05/2024 14:20					0.0
26/05/2024 14:30					0.0
26/05/2024 14:40					0.0
26/05/2024 14:50					0.0
26/05/2024 15:00					0.0
26/05/2024 15:10					0.0
26/05/2024 15:20					0.0
26/05/2024 15:30					0.0
26/05/2024 15:40					0.0
26/05/2024 15:50					0.0
26/05/2024 16:00					0.0
26/05/2024 16:10					0.0
26/05/2024 16:20					0.0
26/05/2024 16:30					0.0
26/05/2024 16:40					0.0
26/05/2024 16:50					0.0
26/05/2024 17:00					0.0
26/05/2024 17:10					0.0
26/05/2024 17:20					0.0
26/05/2024 17:30					0.0
26/05/2024 17:40					0.0
26/05/2024 17:50					0.0
26/05/2024 18:00					0.0
26/05/2024 18:10					0.0
26/05/2024 18:20					0.0
26/05/2024 18:30					0.0
26/05/2024 18:40					0.0
26/05/2024 18:50					0.0
26/05/2024 19:00					0.0
26/05/2024 19:10					0.0
26/05/2024 19:20					0.0
26/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/05/2024 19:40					0.0
26/05/2024 19:50					0.0
26/05/2024 20:00					0.0
26/05/2024 20:10					0.0
26/05/2024 20:20					0.0
26/05/2024 20:30					0.0
26/05/2024 20:40					0.0
26/05/2024 20:50					0.0
26/05/2024 21:00					0.0
26/05/2024 21:10					0.0
26/05/2024 21:20					0.0
26/05/2024 21:30					0.0
26/05/2024 21:40					0.0
26/05/2024 21:50					0.0
26/05/2024 22:00					0.0
26/05/2024 22:10					0.0
26/05/2024 22:20					0.0
26/05/2024 22:30					0.0
26/05/2024 22:40					0.0
26/05/2024 22:50					0.0
26/05/2024 23:00					0.0
26/05/2024 23:10					0.0
26/05/2024 23:20					0.0
26/05/2024 23:30					0.0
26/05/2024 23:40					0.0
26/05/2024 23:50					0.0
27/05/2024 0:00					0.0
27/05/2024 0:10					0.0
27/05/2024 0:20					0.0
27/05/2024 0:30					0.0
27/05/2024 0:40					0.0
27/05/2024 0:50					0.0
27/05/2024 1:00					0.0
27/05/2024 1:10					0.0
27/05/2024 1:20					0.0
27/05/2024 1:30					0.0
27/05/2024 1:40					0.0
27/05/2024 1:50					0.0
27/05/2024 2:00					0.0
27/05/2024 2:10					0.0
27/05/2024 2:20					0.0
27/05/2024 2:30					0.0
27/05/2024 2:40					0.0
27/05/2024 2:50					0.0
27/05/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 3:10					0.0
27/05/2024 3:20					0.0
27/05/2024 3:30					0.0
27/05/2024 3:40					0.0
27/05/2024 3:50					0.0
27/05/2024 4:00					0.0
27/05/2024 4:10					0.0
27/05/2024 4:20					0.0
27/05/2024 4:30					0.0
27/05/2024 4:40					0.0
27/05/2024 4:50					0.0
27/05/2024 5:00					0.0
27/05/2024 5:10					0.0
27/05/2024 5:20					0.0
27/05/2024 5:30					0.0
27/05/2024 5:40					0.0
27/05/2024 5:50					0.0
27/05/2024 6:00					0.0
27/05/2024 6:10					0.0
27/05/2024 6:20					0.0
27/05/2024 6:30					0.0
27/05/2024 6:40					0.0
27/05/2024 6:50					0.0
27/05/2024 7:00					0.0
27/05/2024 7:10					0.0
27/05/2024 7:20					0.0
27/05/2024 7:30					0.0
27/05/2024 7:40					0.0
27/05/2024 7:50					0.0
27/05/2024 8:00					0.0
27/05/2024 8:10					0.0
27/05/2024 8:20					0.0
27/05/2024 8:30					0.0
27/05/2024 8:40					0.0
27/05/2024 8:50					0.0
27/05/2024 9:00					0.0
27/05/2024 9:10					0.0
27/05/2024 9:20					0.0
27/05/2024 9:30					0.0
27/05/2024 9:40					0.0
27/05/2024 9:50					0.0
27/05/2024 10:00					0.0
27/05/2024 10:10					0.0
27/05/2024 10:20					0.0
27/05/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 10:40					0.0
27/05/2024 10:50					0.0
27/05/2024 11:00					0.0
27/05/2024 11:10					0.0
27/05/2024 11:20					0.0
27/05/2024 11:30					0.0
27/05/2024 11:40					0.0
27/05/2024 11:50					0.0
27/05/2024 12:00					0.0
27/05/2024 12:10					0.0
27/05/2024 12:20					0.0
27/05/2024 12:30					0.0
27/05/2024 12:40					0.0
27/05/2024 12:50					0.0
27/05/2024 13:00					0.0
27/05/2024 13:10					0.0
27/05/2024 13:20					0.0
27/05/2024 13:30					0.0
27/05/2024 13:40					0.0
27/05/2024 13:50					0.0
27/05/2024 14:00					0.0
27/05/2024 14:10					0.0
27/05/2024 14:20					0.0
27/05/2024 14:30					0.0
27/05/2024 14:40					0.0
27/05/2024 14:50					0.0
27/05/2024 15:00					0.0
27/05/2024 15:10					0.0
27/05/2024 15:20					0.0
27/05/2024 15:30					0.0
27/05/2024 15:40					0.0
27/05/2024 15:50					0.0
27/05/2024 16:00					0.0
27/05/2024 16:10					0.0
27/05/2024 16:20					0.0
27/05/2024 16:30					0.0
27/05/2024 16:40					0.0
27/05/2024 16:50					0.0
27/05/2024 17:00					0.0
27/05/2024 17:10					0.0
27/05/2024 17:20					0.0
27/05/2024 17:30					0.0
27/05/2024 17:40					0.0
27/05/2024 17:50					0.0
27/05/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/05/2024 18:10					0.0
27/05/2024 18:20					0.0
27/05/2024 18:30					0.0
27/05/2024 18:40					0.0
27/05/2024 18:50					0.0
27/05/2024 19:00					0.0
27/05/2024 19:10					0.0
27/05/2024 19:20					0.0
27/05/2024 19:30					0.0
27/05/2024 19:40					0.0
27/05/2024 19:50					0.0
27/05/2024 20:00					0.0
27/05/2024 20:10					0.0
27/05/2024 20:20					0.0
27/05/2024 20:30					0.0
27/05/2024 20:40					0.0
27/05/2024 20:50					0.0
27/05/2024 21:00					0.0
27/05/2024 21:10					0.0
27/05/2024 21:20					0.0
27/05/2024 21:30					0.0
27/05/2024 21:40					0.0
27/05/2024 21:50					0.0
27/05/2024 22:00					0.0
27/05/2024 22:10					0.0
27/05/2024 22:20					0.0
27/05/2024 22:30					0.0
27/05/2024 22:40					0.0
27/05/2024 22:50					0.0
27/05/2024 23:00					0.0
27/05/2024 23:10					0.0
27/05/2024 23:20					0.0
27/05/2024 23:30					0.0
27/05/2024 23:40					0.0
27/05/2024 23:50					0.0
28/05/2024 0:00					0.0
28/05/2024 0:10					0.0
28/05/2024 0:20					0.0
28/05/2024 0:30					0.0
28/05/2024 0:40					0.0
28/05/2024 0:50					0.0
28/05/2024 1:00					0.0
28/05/2024 1:10					0.0
28/05/2024 1:20					0.0
28/05/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 1:40					0.0
28/05/2024 1:50					0.0
28/05/2024 2:00					0.0
28/05/2024 2:10					0.0
28/05/2024 2:20					0.0
28/05/2024 2:30					0.0
28/05/2024 2:40					0.0
28/05/2024 2:50					0.0
28/05/2024 3:00					0.0
28/05/2024 3:10					0.0
28/05/2024 3:20					0.0
28/05/2024 3:30					0.0
28/05/2024 3:40					0.0
28/05/2024 3:50					0.0
28/05/2024 4:00					0.0
28/05/2024 4:10					0.0
28/05/2024 4:20					0.0
28/05/2024 4:30					0.0
28/05/2024 4:40					0.0
28/05/2024 4:50					0.0
28/05/2024 5:00					0.0
28/05/2024 5:10					0.0
28/05/2024 5:20					0.0
28/05/2024 5:30					0.0
28/05/2024 5:40					0.0
28/05/2024 5:50					0.0
28/05/2024 6:00					0.0
28/05/2024 6:10					0.0
28/05/2024 6:20					0.0
28/05/2024 6:30					0.0
28/05/2024 6:40					0.0
28/05/2024 6:50					0.0
28/05/2024 7:00					0.0
28/05/2024 7:10					0.0
28/05/2024 7:20					0.0
28/05/2024 7:30					0.0
28/05/2024 7:40					0.0
28/05/2024 7:50					0.0
28/05/2024 8:00					0.0
28/05/2024 8:10					0.0
28/05/2024 8:20					0.0
28/05/2024 8:30					0.0
28/05/2024 8:40					0.0
28/05/2024 8:50					0.0
28/05/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 9:10					0.0
28/05/2024 9:20					0.0
28/05/2024 9:30					0.0
28/05/2024 9:40					0.0
28/05/2024 9:50					0.0
28/05/2024 10:00					0.0
28/05/2024 10:10					0.0
28/05/2024 10:20					0.0
28/05/2024 10:30					0.0
28/05/2024 10:40					0.0
28/05/2024 10:50					0.0
28/05/2024 11:00					0.0
28/05/2024 11:10					0.0
28/05/2024 11:20					0.0
28/05/2024 11:30					0.0
28/05/2024 11:40					0.0
28/05/2024 11:50					0.0
28/05/2024 12:00					0.0
28/05/2024 12:10					0.0
28/05/2024 12:20					0.0
28/05/2024 12:30					0.0
28/05/2024 12:40					0.0
28/05/2024 12:50					0.0
28/05/2024 13:00					0.0
28/05/2024 13:10					0.0
28/05/2024 13:20					0.0
28/05/2024 13:30					0.0
28/05/2024 13:40					0.0
28/05/2024 13:50					0.0
28/05/2024 14:00					0.0
28/05/2024 14:10					0.0
28/05/2024 14:20					0.0
28/05/2024 14:30					0.0
28/05/2024 14:40					0.0
28/05/2024 14:50					0.0
28/05/2024 15:00					0.0
28/05/2024 15:10					0.0
28/05/2024 15:20					0.0
28/05/2024 15:30					0.0
28/05/2024 15:40					0.0
28/05/2024 15:50					0.0
28/05/2024 16:00					0.0
28/05/2024 16:10					0.0
28/05/2024 16:20					0.0
28/05/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/05/2024 16:40					0.0
28/05/2024 16:50					0.0
28/05/2024 17:00					0.0
28/05/2024 17:10					0.0
28/05/2024 17:20					0.0
28/05/2024 17:30					0.0
28/05/2024 17:40					0.0
28/05/2024 17:50					0.0
28/05/2024 18:00					0.0
28/05/2024 18:10					0.0
28/05/2024 18:20					0.0
28/05/2024 18:30					0.0
28/05/2024 18:40					0.0
28/05/2024 18:50					0.0
28/05/2024 19:00					0.0
28/05/2024 19:10					0.0
28/05/2024 19:20					0.0
28/05/2024 19:30					0.0
28/05/2024 19:40					0.0
28/05/2024 19:50					0.0
28/05/2024 20:00					0.0
28/05/2024 20:10					0.0
28/05/2024 20:20					0.0
28/05/2024 20:30					0.0
28/05/2024 20:40					0.0
28/05/2024 20:50					0.0
28/05/2024 21:00					0.0
28/05/2024 21:10					0.0
28/05/2024 21:20					0.0
28/05/2024 21:30					0.0
28/05/2024 21:40					0.0
28/05/2024 21:50					0.0
28/05/2024 22:00					0.0
28/05/2024 22:10					0.0
28/05/2024 22:20					0.0
28/05/2024 22:30					0.0
28/05/2024 22:40					0.0
28/05/2024 22:50					0.0
28/05/2024 23:00					0.0
28/05/2024 23:10					0.0
28/05/2024 23:20					0.0
28/05/2024 23:30					0.0
28/05/2024 23:40					0.0
28/05/2024 23:50					0.0
29/05/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 0:10					0.0
29/05/2024 0:20					0.0
29/05/2024 0:30					0.0
29/05/2024 0:40					0.0
29/05/2024 0:50					0.0
29/05/2024 1:00					0.0
29/05/2024 1:10					0.0
29/05/2024 1:20					0.0
29/05/2024 1:30					0.0
29/05/2024 1:40					0.2
29/05/2024 1:50					0.0
29/05/2024 2:00					0.1
29/05/2024 2:10					0.1
29/05/2024 2:20					0.0
29/05/2024 2:30					0.1
29/05/2024 2:40					0.1
29/05/2024 2:50					0.2
29/05/2024 3:00					0.2
29/05/2024 3:10					0.1
29/05/2024 3:20					0.0
29/05/2024 3:30					0.0
29/05/2024 3:40					0.0
29/05/2024 3:50					0.0
29/05/2024 4:00					0.0
29/05/2024 4:10					0.1
29/05/2024 4:20					0.1
29/05/2024 4:30					0.0
29/05/2024 4:40					0.0
29/05/2024 4:50					0.0
29/05/2024 5:00					0.0
29/05/2024 5:10					0.0
29/05/2024 5:20					0.1
29/05/2024 5:30					0.0
29/05/2024 5:40					0.0
29/05/2024 5:50					0.0
29/05/2024 6:00					0.0
29/05/2024 6:10					0.0
29/05/2024 6:20					0.0
29/05/2024 6:30					0.0
29/05/2024 6:40					0.0
29/05/2024 6:50					0.0
29/05/2024 7:00					0.0
29/05/2024 7:10					0.0
29/05/2024 7:20					0.0
29/05/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 7:40					0.0
29/05/2024 7:50					0.0
29/05/2024 8:00					0.0
29/05/2024 8:10					0.0
29/05/2024 8:20					0.0
29/05/2024 8:30					0.0
29/05/2024 8:40					0.0
29/05/2024 8:50					0.0
29/05/2024 9:00					0.0
29/05/2024 9:10					0.0
29/05/2024 9:20					0.0
29/05/2024 9:30					0.0
29/05/2024 9:40					0.0
29/05/2024 9:50					0.0
29/05/2024 10:00					0.0
29/05/2024 10:10					0.0
29/05/2024 10:20					0.0
29/05/2024 10:30					0.0
29/05/2024 10:40					0.0
29/05/2024 10:50					0.0
29/05/2024 11:00					0.0
29/05/2024 11:10					0.0
29/05/2024 11:20					0.0
29/05/2024 11:30					0.0
29/05/2024 11:40					0.0
29/05/2024 11:50					0.0
29/05/2024 12:00					0.0
29/05/2024 12:10					0.0
29/05/2024 12:20					0.0
29/05/2024 12:30					0.0
29/05/2024 12:40					0.0
29/05/2024 12:50					0.0
29/05/2024 13:00					0.0
29/05/2024 13:10					0.0
29/05/2024 13:20					0.0
29/05/2024 13:30					0.0
29/05/2024 13:40					0.0
29/05/2024 13:50					0.0
29/05/2024 14:00					0.0
29/05/2024 14:10					0.0
29/05/2024 14:20					0.0
29/05/2024 14:30					0.0
29/05/2024 14:40					0.0
29/05/2024 14:50					0.0
29/05/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 15:10					0.0
29/05/2024 15:20					0.0
29/05/2024 15:30					0.0
29/05/2024 15:40					0.0
29/05/2024 15:50					0.0
29/05/2024 16:00					0.0
29/05/2024 16:10					0.0
29/05/2024 16:20					0.0
29/05/2024 16:30					0.0
29/05/2024 16:40					0.0
29/05/2024 16:50					0.0
29/05/2024 17:00					0.0
29/05/2024 17:10					0.0
29/05/2024 17:20					0.0
29/05/2024 17:30					0.0
29/05/2024 17:40					0.0
29/05/2024 17:50					0.0
29/05/2024 18:00					0.0
29/05/2024 18:10					0.0
29/05/2024 18:20					0.0
29/05/2024 18:30					0.0
29/05/2024 18:40					0.0
29/05/2024 18:50					0.0
29/05/2024 19:00					0.0
29/05/2024 19:10					0.0
29/05/2024 19:20					0.0
29/05/2024 19:30					0.0
29/05/2024 19:40					0.0
29/05/2024 19:50					0.0
29/05/2024 20:00					0.0
29/05/2024 20:10					0.0
29/05/2024 20:20					0.0
29/05/2024 20:30					0.0
29/05/2024 20:40					0.0
29/05/2024 20:50					0.0
29/05/2024 21:00					0.0
29/05/2024 21:10					0.0
29/05/2024 21:20					0.0
29/05/2024 21:30					0.0
29/05/2024 21:40					0.0
29/05/2024 21:50					0.0
29/05/2024 22:00					0.0
29/05/2024 22:10					0.0
29/05/2024 22:20					0.0
29/05/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/05/2024 22:40					0.0
29/05/2024 22:50					0.0
29/05/2024 23:00					0.0
29/05/2024 23:10					0.0
29/05/2024 23:20					0.0
29/05/2024 23:30					0.0
29/05/2024 23:40					0.0
29/05/2024 23:50					0.0
30/05/2024 0:00					0.0
30/05/2024 0:10					0.0
30/05/2024 0:20					0.0
30/05/2024 0:30					0.0
30/05/2024 0:40					0.0
30/05/2024 0:50					0.0
30/05/2024 1:00					0.0
30/05/2024 1:10					0.0
30/05/2024 1:20					0.0
30/05/2024 1:30					0.0
30/05/2024 1:40					0.0
30/05/2024 1:50					0.0
30/05/2024 2:00					0.0
30/05/2024 2:10					0.0
30/05/2024 2:20					0.0
30/05/2024 2:30					0.0
30/05/2024 2:40					0.0
30/05/2024 2:50					0.0
30/05/2024 3:00					0.0
30/05/2024 3:10					0.0
30/05/2024 3:20					0.0
30/05/2024 3:30					0.0
30/05/2024 3:40					0.0
30/05/2024 3:50					0.0
30/05/2024 4:00					0.0
30/05/2024 4:10					0.0
30/05/2024 4:20					0.0
30/05/2024 4:30					0.0
30/05/2024 4:40					0.0
30/05/2024 4:50					0.0
30/05/2024 5:00					0.0
30/05/2024 5:10					0.0
30/05/2024 5:20					0.0
30/05/2024 5:30					0.0
30/05/2024 5:40					0.0
30/05/2024 5:50					0.0
30/05/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 6:10					0.0
30/05/2024 6:20					0.0
30/05/2024 6:30					0.0
30/05/2024 6:40					0.0
30/05/2024 6:50					0.0
30/05/2024 7:00					0.0
30/05/2024 7:10					0.0
30/05/2024 7:20					0.0
30/05/2024 7:30					0.0
30/05/2024 7:40					0.0
30/05/2024 7:50					0.0
30/05/2024 8:00					0.0
30/05/2024 8:10					0.0
30/05/2024 8:20					0.0
30/05/2024 8:30					0.0
30/05/2024 8:40					0.0
30/05/2024 8:50					0.0
30/05/2024 9:00					0.0
30/05/2024 9:10					0.0
30/05/2024 9:20					0.0
30/05/2024 9:30					0.0
30/05/2024 9:40					0.0
30/05/2024 9:50					0.0
30/05/2024 10:00					0.0
30/05/2024 10:10					0.0
30/05/2024 10:20					0.0
30/05/2024 10:30					0.0
30/05/2024 10:40					0.0
30/05/2024 10:50					0.0
30/05/2024 11:00					0.0
30/05/2024 11:10					0.0
30/05/2024 11:20					0.0
30/05/2024 11:30					0.0
30/05/2024 11:40					0.0
30/05/2024 11:50					0.0
30/05/2024 12:00					0.0
30/05/2024 12:10					0.0
30/05/2024 12:20					0.0
30/05/2024 12:30					0.0
30/05/2024 12:40					0.0
30/05/2024 12:50					0.0
30/05/2024 13:00					0.0
30/05/2024 13:10					0.0
30/05/2024 13:20					0.0
30/05/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 13:40					0.0
30/05/2024 13:50					0.0
30/05/2024 14:00					0.0
30/05/2024 14:10					0.0
30/05/2024 14:20					0.0
30/05/2024 14:30					0.0
30/05/2024 14:40					0.0
30/05/2024 14:50					0.0
30/05/2024 15:00					0.0
30/05/2024 15:10					0.0
30/05/2024 15:20					0.0
30/05/2024 15:30					0.0
30/05/2024 15:40					0.0
30/05/2024 15:50					0.0
30/05/2024 16:00					0.0
30/05/2024 16:10					0.0
30/05/2024 16:20					0.0
30/05/2024 16:30					0.0
30/05/2024 16:40					0.0
30/05/2024 16:50					0.0
30/05/2024 17:00					0.0
30/05/2024 17:10					0.0
30/05/2024 17:20					0.0
30/05/2024 17:30					0.0
30/05/2024 17:40					0.0
30/05/2024 17:50					0.0
30/05/2024 18:00					0.0
30/05/2024 18:10					0.0
30/05/2024 18:20					0.0
30/05/2024 18:30					0.0
30/05/2024 18:40					0.0
30/05/2024 18:50					0.0
30/05/2024 19:00					0.0
30/05/2024 19:10					0.0
30/05/2024 19:20					0.0
30/05/2024 19:30					0.0
30/05/2024 19:40					0.0
30/05/2024 19:50					0.0
30/05/2024 20:00					0.0
30/05/2024 20:10					0.0
30/05/2024 20:20					0.0
30/05/2024 20:30					0.0
30/05/2024 20:40					0.0
30/05/2024 20:50					0.0
30/05/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/05/2024 21:10					0.0
30/05/2024 21:20					0.0
30/05/2024 21:30					0.0
30/05/2024 21:40					0.0
30/05/2024 21:50					0.0
30/05/2024 22:00					0.0
30/05/2024 22:10					0.0
30/05/2024 22:20					0.0
30/05/2024 22:30					0.0
30/05/2024 22:40					0.0
30/05/2024 22:50					0.0
30/05/2024 23:00					0.0
30/05/2024 23:10					0.0
30/05/2024 23:20					0.0
30/05/2024 23:30					0.0
30/05/2024 23:40					0.0
30/05/2024 23:50					0.0
31/05/2024 0:00					0.0
31/05/2024 0:10					0.0
31/05/2024 0:20					0.0
31/05/2024 0:30					0.0
31/05/2024 0:40					0.0
31/05/2024 0:50					0.0
31/05/2024 1:00					0.0
31/05/2024 1:10					0.0
31/05/2024 1:20					0.0
31/05/2024 1:30					0.0
31/05/2024 1:40					0.0
31/05/2024 1:50					0.0
31/05/2024 2:00					0.0
31/05/2024 2:10					0.0
31/05/2024 2:20					0.0
31/05/2024 2:30					0.0
31/05/2024 2:40					0.0
31/05/2024 2:50					0.0
31/05/2024 3:00					0.0
31/05/2024 3:10					0.0
31/05/2024 3:20					0.0
31/05/2024 3:30					0.0
31/05/2024 3:40					0.0
31/05/2024 3:50					0.0
31/05/2024 4:00					0.0
31/05/2024 4:10					0.0
31/05/2024 4:20					0.0
31/05/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 4:40					0.0
31/05/2024 4:50					0.0
31/05/2024 5:00					0.0
31/05/2024 5:10					0.0
31/05/2024 5:20					0.0
31/05/2024 5:30					0.0
31/05/2024 5:40					0.0
31/05/2024 5:50					0.0
31/05/2024 6:00					0.0
31/05/2024 6:10					0.0
31/05/2024 6:20					0.0
31/05/2024 6:30					0.0
31/05/2024 6:40					0.0
31/05/2024 6:50					0.0
31/05/2024 7:00					0.0
31/05/2024 7:10					0.0
31/05/2024 7:20					0.0
31/05/2024 7:30					0.0
31/05/2024 7:40					0.0
31/05/2024 7:50					0.0
31/05/2024 8:00					0.0
31/05/2024 8:10					0.0
31/05/2024 8:20					0.0
31/05/2024 8:30					0.0
31/05/2024 8:40					0.0
31/05/2024 8:50					0.0
31/05/2024 9:00					0.0
31/05/2024 9:10					0.0
31/05/2024 9:20					0.0
31/05/2024 9:30					0.0
31/05/2024 9:40					0.0
31/05/2024 9:50					0.0
31/05/2024 10:00					0.0
31/05/2024 10:10					0.0
31/05/2024 10:20					0.0
31/05/2024 10:30					0.0
31/05/2024 10:40					0.0
31/05/2024 10:50					0.0
31/05/2024 11:00					0.0
31/05/2024 11:10					0.0
31/05/2024 11:20					0.0
31/05/2024 11:30					0.0
31/05/2024 11:40					0.0
31/05/2024 11:50					0.0
31/05/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 12:10					0.0
31/05/2024 12:20					0.0
31/05/2024 12:30					0.0
31/05/2024 12:40					0.0
31/05/2024 12:50					0.0
31/05/2024 13:00					0.0
31/05/2024 13:10					0.0
31/05/2024 13:20					0.0
31/05/2024 13:30					0.0
31/05/2024 13:40					0.0
31/05/2024 13:50					0.0
31/05/2024 14:00					0.0
31/05/2024 14:10					0.0
31/05/2024 14:20					0.0
31/05/2024 14:30					0.0
31/05/2024 14:40					0.0
31/05/2024 14:50					0.0
31/05/2024 15:00					0.0
31/05/2024 15:10					0.0
31/05/2024 15:20					0.0
31/05/2024 15:30					0.0
31/05/2024 15:40					0.0
31/05/2024 15:50					0.0
31/05/2024 16:00					0.0
31/05/2024 16:10					0.0
31/05/2024 16:20					0.0
31/05/2024 16:30					0.0
31/05/2024 16:40					0.0
31/05/2024 16:50					0.0
31/05/2024 17:00					0.0
31/05/2024 17:10					0.0
31/05/2024 17:20					0.0
31/05/2024 17:30					0.0
31/05/2024 17:40					0.0
31/05/2024 17:50					0.0
31/05/2024 18:00					0.0
31/05/2024 18:10					0.0
31/05/2024 18:20					0.0
31/05/2024 18:30					0.0
31/05/2024 18:40					0.0
31/05/2024 18:50					0.0
31/05/2024 19:00					0.0
31/05/2024 19:10					0.0
31/05/2024 19:20					0.0
31/05/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/05/2024 19:40					0.0
31/05/2024 19:50					0.0
31/05/2024 20:00					0.0
31/05/2024 20:10					0.0
31/05/2024 20:20					0.0
31/05/2024 20:30					0.0
31/05/2024 20:40					0.0
31/05/2024 20:50					0.0
31/05/2024 21:00					0.0
31/05/2024 21:10					0.0
31/05/2024 21:20					0.0
31/05/2024 21:30					0.0
31/05/2024 21:40					0.0
31/05/2024 21:50					0.0
31/05/2024 22:00					0.0
31/05/2024 22:10					0.0
31/05/2024 22:20					0.0
31/05/2024 22:30					0.0
31/05/2024 22:40					0.0
31/05/2024 22:50					0.0
31/05/2024 23:00					0.0
31/05/2024 23:10					0.0
31/05/2024 23:20					0.0
31/05/2024 23:30					0.0
31/05/2024 23:40					0.0
31/05/2024 23:50					0.0
1/06/2024 0:00					0.0
1/06/2024 0:10					0.0
1/06/2024 0:20					0.0
1/06/2024 0:30					0.0
1/06/2024 0:40					0.0
1/06/2024 0:50					0.0
1/06/2024 1:00					0.0
1/06/2024 1:10					0.0
1/06/2024 1:20					0.0
1/06/2024 1:30					0.0
1/06/2024 1:40					0.0
1/06/2024 1:50					0.0
1/06/2024 2:00					0.0
1/06/2024 2:10					0.0
1/06/2024 2:20					0.0
1/06/2024 2:30					0.0
1/06/2024 2:40					0.0
1/06/2024 2:50					0.0
1/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/06/2024 3:10					0.0
1/06/2024 3:20					0.0
1/06/2024 3:30					0.0
1/06/2024 3:40					0.0
1/06/2024 3:50					0.0
1/06/2024 4:00					0.0
1/06/2024 4:10					0.0
1/06/2024 4:20					0.0
1/06/2024 4:30					0.0
1/06/2024 4:40					0.0
1/06/2024 4:50					0.0
1/06/2024 5:00					0.0
1/06/2024 5:10					0.0
1/06/2024 5:20					0.0
1/06/2024 5:30					0.0
1/06/2024 5:40					0.0
1/06/2024 5:50					0.0
1/06/2024 6:00					0.0
1/06/2024 6:10					0.0
1/06/2024 6:20					0.0
1/06/2024 6:30					0.0
1/06/2024 6:40					0.0
1/06/2024 6:50					0.0
1/06/2024 7:00					0.0
1/06/2024 7:10					0.0
1/06/2024 7:20					0.0
1/06/2024 7:30					0.0
1/06/2024 7:40					0.0
1/06/2024 7:50					0.0
1/06/2024 8:00					0.0
1/06/2024 8:10					0.0
1/06/2024 8:20					0.0
1/06/2024 8:30					0.0
1/06/2024 8:40					0.0
1/06/2024 8:50					0.0
1/06/2024 9:00					0.0
1/06/2024 9:10					0.0
1/06/2024 9:20					0.0
1/06/2024 9:30					0.0
1/06/2024 9:40					0.0
1/06/2024 9:50					0.0
1/06/2024 10:00					0.0
1/06/2024 10:10					0.0
1/06/2024 10:20					0.0
1/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/06/2024 10:40					0.0
1/06/2024 10:50					0.0
1/06/2024 11:00					0.0
1/06/2024 11:10					0.0
1/06/2024 11:20					0.0
1/06/2024 11:30					0.0
1/06/2024 11:40					0.0
1/06/2024 11:50					0.0
1/06/2024 12:00					0.0
1/06/2024 12:10					0.0
1/06/2024 12:20					0.0
1/06/2024 12:30					0.0
1/06/2024 12:40					0.0
1/06/2024 12:50					0.0
1/06/2024 13:00					0.0
1/06/2024 13:10					0.0
1/06/2024 13:20					0.0
1/06/2024 13:30					0.0
1/06/2024 13:40					0.0
1/06/2024 13:50					0.0
1/06/2024 14:00					0.0
1/06/2024 14:10					0.0
1/06/2024 14:20					0.0
1/06/2024 14:30					0.0
1/06/2024 14:40					0.0
1/06/2024 14:50					0.0
1/06/2024 15:00					0.0
1/06/2024 15:10					0.0
1/06/2024 15:20					0.0
1/06/2024 15:30					0.0
1/06/2024 15:40					0.0
1/06/2024 15:50					0.0
1/06/2024 16:00					0.0
1/06/2024 16:10					0.0
1/06/2024 16:20					0.0
1/06/2024 16:30					0.0
1/06/2024 16:40					0.0
1/06/2024 16:50					0.0
1/06/2024 17:00					0.0
1/06/2024 17:10					0.0
1/06/2024 17:20					0.0
1/06/2024 17:30					0.0
1/06/2024 17:40					0.0
1/06/2024 17:50					0.0
1/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/06/2024 18:10					0.0
1/06/2024 18:20					0.0
1/06/2024 18:30					0.0
1/06/2024 18:40					0.0
1/06/2024 18:50					0.0
1/06/2024 19:00					0.0
1/06/2024 19:10					0.0
1/06/2024 19:20					0.0
1/06/2024 19:30					0.0
1/06/2024 19:40					0.0
1/06/2024 19:50					0.0
1/06/2024 20:00					0.0
1/06/2024 20:10					0.0
1/06/2024 20:20					0.0
1/06/2024 20:30					0.0
1/06/2024 20:40					0.0
1/06/2024 20:50					0.0
1/06/2024 21:00					0.0
1/06/2024 21:10					0.0
1/06/2024 21:20					0.0
1/06/2024 21:30					0.0
1/06/2024 21:40					0.0
1/06/2024 21:50					0.0
1/06/2024 22:00					0.0
1/06/2024 22:10					0.0
1/06/2024 22:20					0.0
1/06/2024 22:30					0.0
1/06/2024 22:40					0.0
1/06/2024 22:50					0.0
1/06/2024 23:00					0.0
1/06/2024 23:10					0.0
1/06/2024 23:20					0.0
1/06/2024 23:30					0.0
1/06/2024 23:40					0.0
1/06/2024 23:50					0.0
2/06/2024 0:00					0.0
2/06/2024 0:10					0.0
2/06/2024 0:20					0.0
2/06/2024 0:30					0.0
2/06/2024 0:40					0.0
2/06/2024 0:50					0.0
2/06/2024 1:00					0.0
2/06/2024 1:10					0.0
2/06/2024 1:20					0.0
2/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/06/2024 1:40					0.0
2/06/2024 1:50					0.0
2/06/2024 2:00					0.0
2/06/2024 2:10					0.0
2/06/2024 2:20					0.0
2/06/2024 2:30					0.0
2/06/2024 2:40					0.0
2/06/2024 2:50					0.0
2/06/2024 3:00					0.0
2/06/2024 3:10					0.0
2/06/2024 3:20					0.0
2/06/2024 3:30					0.0
2/06/2024 3:40					0.0
2/06/2024 3:50					0.0
2/06/2024 4:00					0.0
2/06/2024 4:10					0.0
2/06/2024 4:20					0.0
2/06/2024 4:30					0.0
2/06/2024 4:40					0.0
2/06/2024 4:50					0.0
2/06/2024 5:00					0.0
2/06/2024 5:10					0.0
2/06/2024 5:20					0.0
2/06/2024 5:30					0.0
2/06/2024 5:40					0.0
2/06/2024 5:50					0.0
2/06/2024 6:00					0.0
2/06/2024 6:10					0.0
2/06/2024 6:20					0.0
2/06/2024 6:30					0.1
2/06/2024 6:40					0.1
2/06/2024 6:50					0.0
2/06/2024 7:00					0.0
2/06/2024 7:10					0.0
2/06/2024 7:20					0.1
2/06/2024 7:30					0.2
2/06/2024 7:40					0.1
2/06/2024 7:50					0.0
2/06/2024 8:00					0.4
2/06/2024 8:10					1.5
2/06/2024 8:20					0.9
2/06/2024 8:30					0.1
2/06/2024 8:40					0.0
2/06/2024 8:50					0.5
2/06/2024 9:00					1.6



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/06/2024 9:10					3.2
2/06/2024 9:20					0.7
2/06/2024 9:30					0.2
2/06/2024 9:40					0.1
2/06/2024 9:50					0.0
2/06/2024 10:00					0.1
2/06/2024 10:10					0.1
2/06/2024 10:20					0.0
2/06/2024 10:30					0.1
2/06/2024 10:40					0.0
2/06/2024 10:50					0.0
2/06/2024 11:00					0.2
2/06/2024 11:10					0.0
2/06/2024 11:20					0.0
2/06/2024 11:30					0.0
2/06/2024 11:40					0.0
2/06/2024 11:50					0.0
2/06/2024 12:00					0.0
2/06/2024 12:10					0.0
2/06/2024 12:20					0.0
2/06/2024 12:30					0.0
2/06/2024 12:40					0.0
2/06/2024 12:50					0.0
2/06/2024 13:00					0.0
2/06/2024 13:10					0.0
2/06/2024 13:20					0.0
2/06/2024 13:30					0.0
2/06/2024 13:40					0.0
2/06/2024 13:50					0.0
2/06/2024 14:00					0.0
2/06/2024 14:10					0.0
2/06/2024 14:20					0.0
2/06/2024 14:30					0.0
2/06/2024 14:40					0.0
2/06/2024 14:50					0.0
2/06/2024 15:00					0.0
2/06/2024 15:10					0.0
2/06/2024 15:20					0.0
2/06/2024 15:30					0.0
2/06/2024 15:40					0.0
2/06/2024 15:50					0.0
2/06/2024 16:00					0.0
2/06/2024 16:10					0.0
2/06/2024 16:20					0.0
2/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/06/2024 16:40					0.0
2/06/2024 16:50					0.0
2/06/2024 17:00					0.0
2/06/2024 17:10					0.0
2/06/2024 17:20					0.0
2/06/2024 17:30					0.0
2/06/2024 17:40					0.0
2/06/2024 17:50					0.0
2/06/2024 18:00					0.0
2/06/2024 18:10					0.0
2/06/2024 18:20					0.0
2/06/2024 18:30					0.0
2/06/2024 18:40					0.0
2/06/2024 18:50					0.0
2/06/2024 19:00					0.0
2/06/2024 19:10					0.0
2/06/2024 19:20					0.0
2/06/2024 19:30					0.0
2/06/2024 19:40					0.0
2/06/2024 19:50					0.0
2/06/2024 20:00					0.0
2/06/2024 20:10					0.0
2/06/2024 20:20					0.0
2/06/2024 20:30					0.0
2/06/2024 20:40					0.0
2/06/2024 20:50					0.0
2/06/2024 21:00					0.0
2/06/2024 21:10					0.0
2/06/2024 21:20					0.0
2/06/2024 21:30					0.0
2/06/2024 21:40					0.0
2/06/2024 21:50					0.0
2/06/2024 22:00					0.0
2/06/2024 22:10					0.0
2/06/2024 22:20					0.0
2/06/2024 22:30					0.0
2/06/2024 22:40					0.0
2/06/2024 22:50					0.0
2/06/2024 23:00					0.0
2/06/2024 23:10					0.0
2/06/2024 23:20					0.0
2/06/2024 23:30					0.0
2/06/2024 23:40					0.0
2/06/2024 23:50					0.0
3/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/06/2024 0:10					0.0
3/06/2024 0:20					0.0
3/06/2024 0:30					0.0
3/06/2024 0:40					0.0
3/06/2024 0:50					0.0
3/06/2024 1:00					0.0
3/06/2024 1:10					0.0
3/06/2024 1:20					0.0
3/06/2024 1:30					0.0
3/06/2024 1:40					0.0
3/06/2024 1:50					0.0
3/06/2024 2:00					0.0
3/06/2024 2:10					0.0
3/06/2024 2:20					0.0
3/06/2024 2:30					0.0
3/06/2024 2:40					0.0
3/06/2024 2:50					0.0
3/06/2024 3:00					0.0
3/06/2024 3:10					0.0
3/06/2024 3:20					0.0
3/06/2024 3:30					0.0
3/06/2024 3:40					0.0
3/06/2024 3:50					0.0
3/06/2024 4:00					0.0
3/06/2024 4:10					0.0
3/06/2024 4:20					0.0
3/06/2024 4:30					0.0
3/06/2024 4:40					0.0
3/06/2024 4:50					0.0
3/06/2024 5:00					0.0
3/06/2024 5:10					0.0
3/06/2024 5:20					0.0
3/06/2024 5:30					0.0
3/06/2024 5:40					0.0
3/06/2024 5:50					0.0
3/06/2024 6:00					0.0
3/06/2024 6:10					0.0
3/06/2024 6:20					0.0
3/06/2024 6:30					0.0
3/06/2024 6:40					0.0
3/06/2024 6:50					0.0
3/06/2024 7:00					0.0
3/06/2024 7:10					0.0
3/06/2024 7:20					0.0
3/06/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/06/2024 7:40					0.0
3/06/2024 7:50					0.0
3/06/2024 8:00					0.0
3/06/2024 8:10					0.0
3/06/2024 8:20					0.0
3/06/2024 8:30					0.0
3/06/2024 8:40					0.0
3/06/2024 8:50					0.0
3/06/2024 9:00					0.0
3/06/2024 9:10					0.0
3/06/2024 9:20					0.0
3/06/2024 9:30					0.0
3/06/2024 9:40					0.0
3/06/2024 9:50					0.0
3/06/2024 10:00					0.0
3/06/2024 10:10					0.0
3/06/2024 10:20					0.0
3/06/2024 10:30					0.0
3/06/2024 10:40					0.0
3/06/2024 10:50					0.0
3/06/2024 11:00					0.0
3/06/2024 11:10					0.0
3/06/2024 11:20					0.0
3/06/2024 11:30					0.0
3/06/2024 11:40					0.0
3/06/2024 11:50					0.0
3/06/2024 12:00					0.0
3/06/2024 12:10					0.0
3/06/2024 12:20					0.0
3/06/2024 12:30					0.0
3/06/2024 12:40					0.0
3/06/2024 12:50					0.0
3/06/2024 13:00					0.0
3/06/2024 13:10					0.0
3/06/2024 13:20					0.0
3/06/2024 13:30					0.0
3/06/2024 13:40					0.0
3/06/2024 13:50					0.0
3/06/2024 14:00					0.0
3/06/2024 14:10					0.0
3/06/2024 14:20					0.0
3/06/2024 14:30					0.0
3/06/2024 14:40					0.0
3/06/2024 14:50					0.0
3/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/06/2024 15:10					0.0
3/06/2024 15:20					0.0
3/06/2024 15:30					0.0
3/06/2024 15:40					0.0
3/06/2024 15:50					0.0
3/06/2024 16:00					0.0
3/06/2024 16:10					0.0
3/06/2024 16:20					0.0
3/06/2024 16:30					0.0
3/06/2024 16:40					0.0
3/06/2024 16:50					0.0
3/06/2024 17:00					0.0
3/06/2024 17:10					0.0
3/06/2024 17:20					0.0
3/06/2024 17:30					0.0
3/06/2024 17:40					0.0
3/06/2024 17:50					0.0
3/06/2024 18:00					0.0
3/06/2024 18:10					0.0
3/06/2024 18:20					0.0
3/06/2024 18:30					0.0
3/06/2024 18:40					0.0
3/06/2024 18:50					0.0
3/06/2024 19:00					0.0
3/06/2024 19:10					0.0
3/06/2024 19:20					0.0
3/06/2024 19:30					0.0
3/06/2024 19:40					0.0
3/06/2024 19:50					0.0
3/06/2024 20:00					0.0
3/06/2024 20:10					0.0
3/06/2024 20:20					0.0
3/06/2024 20:30					0.0
3/06/2024 20:40					0.0
3/06/2024 20:50					0.0
3/06/2024 21:00					0.0
3/06/2024 21:10					0.0
3/06/2024 21:20					0.0
3/06/2024 21:30					0.0
3/06/2024 21:40					0.0
3/06/2024 21:50					0.0
3/06/2024 22:00					0.0
3/06/2024 22:10					0.0
3/06/2024 22:20					0.0
3/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/06/2024 22:40					0.0
3/06/2024 22:50					0.0
3/06/2024 23:00					0.0
3/06/2024 23:10					0.0
3/06/2024 23:20					0.0
3/06/2024 23:30					0.0
3/06/2024 23:40					0.0
3/06/2024 23:50					0.0
4/06/2024 0:00					0.0
4/06/2024 0:10					0.0
4/06/2024 0:20					0.0
4/06/2024 0:30					0.0
4/06/2024 0:40					0.0
4/06/2024 0:50					0.0
4/06/2024 1:00					0.0
4/06/2024 1:10					0.0
4/06/2024 1:20					0.0
4/06/2024 1:30					0.0
4/06/2024 1:40					0.0
4/06/2024 1:50					0.0
4/06/2024 2:00					0.0
4/06/2024 2:10					0.0
4/06/2024 2:20					0.0
4/06/2024 2:30					0.0
4/06/2024 2:40					0.0
4/06/2024 2:50					0.0
4/06/2024 3:00					0.0
4/06/2024 3:10					0.0
4/06/2024 3:20					0.0
4/06/2024 3:30					0.0
4/06/2024 3:40					0.0
4/06/2024 3:50					0.0
4/06/2024 4:00					0.0
4/06/2024 4:10					0.0
4/06/2024 4:20					0.0
4/06/2024 4:30					0.0
4/06/2024 4:40					0.0
4/06/2024 4:50					0.0
4/06/2024 5:00					0.0
4/06/2024 5:10					0.0
4/06/2024 5:20					0.0
4/06/2024 5:30					0.0
4/06/2024 5:40					0.0
4/06/2024 5:50					0.0
4/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/06/2024 6:10					0.0
4/06/2024 6:20					0.0
4/06/2024 6:30					0.0
4/06/2024 6:40					0.0
4/06/2024 6:50					0.0
4/06/2024 7:00					0.0
4/06/2024 7:10					0.0
4/06/2024 7:20					0.0
4/06/2024 7:30					0.0
4/06/2024 7:40					0.0
4/06/2024 7:50					0.0
4/06/2024 8:00					0.0
4/06/2024 8:10					0.0
4/06/2024 8:20					0.0
4/06/2024 8:30					0.0
4/06/2024 8:40					0.0
4/06/2024 8:50					0.0
4/06/2024 9:00					0.0
4/06/2024 9:10					0.0
4/06/2024 9:20					0.0
4/06/2024 9:30					0.0
4/06/2024 9:40					0.0
4/06/2024 9:50					0.0
4/06/2024 10:00					0.0
4/06/2024 10:10					0.0
4/06/2024 10:20					0.0
4/06/2024 10:30					0.0
4/06/2024 10:40					0.0
4/06/2024 10:50					0.0
4/06/2024 11:00					0.0
4/06/2024 11:10					0.0
4/06/2024 11:20					0.0
4/06/2024 11:30					0.0
4/06/2024 11:40					0.0
4/06/2024 11:50					0.0
4/06/2024 12:00					0.0
4/06/2024 12:10					0.0
4/06/2024 12:20					0.0
4/06/2024 12:30					0.0
4/06/2024 12:40					0.0
4/06/2024 12:50					0.0
4/06/2024 13:00					0.0
4/06/2024 13:10					0.0
4/06/2024 13:20					0.0
4/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/06/2024 13:40					0.0
4/06/2024 13:50					0.0
4/06/2024 14:00					0.0
4/06/2024 14:10					0.0
4/06/2024 14:20					0.0
4/06/2024 14:30					0.0
4/06/2024 14:40					0.0
4/06/2024 14:50					0.0
4/06/2024 15:00					0.0
4/06/2024 15:10					0.0
4/06/2024 15:20					0.0
4/06/2024 15:30					0.0
4/06/2024 15:40					0.0
4/06/2024 15:50					0.0
4/06/2024 16:00					0.0
4/06/2024 16:10					0.0
4/06/2024 16:20					0.0
4/06/2024 16:30					0.0
4/06/2024 16:40					0.0
4/06/2024 16:50					0.0
4/06/2024 17:00					0.0
4/06/2024 17:10					0.0
4/06/2024 17:20					0.0
4/06/2024 17:30					0.0
4/06/2024 17:40					0.0
4/06/2024 17:50					0.0
4/06/2024 18:00					0.0
4/06/2024 18:10					0.0
4/06/2024 18:20					0.0
4/06/2024 18:30					0.0
4/06/2024 18:40					0.0
4/06/2024 18:50					0.0
4/06/2024 19:00					0.0
4/06/2024 19:10					0.0
4/06/2024 19:20					0.0
4/06/2024 19:30					0.0
4/06/2024 19:40					0.0
4/06/2024 19:50					0.0
4/06/2024 20:00					0.0
4/06/2024 20:10					0.0
4/06/2024 20:20					0.0
4/06/2024 20:30					0.0
4/06/2024 20:40					0.0
4/06/2024 20:50					0.0
4/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/06/2024 21:10					0.0
4/06/2024 21:20					0.0
4/06/2024 21:30					0.0
4/06/2024 21:40					0.0
4/06/2024 21:50					0.0
4/06/2024 22:00					0.0
4/06/2024 22:10					0.0
4/06/2024 22:20					0.0
4/06/2024 22:30					0.0
4/06/2024 22:40					0.0
4/06/2024 22:50					0.0
4/06/2024 23:00					0.0
4/06/2024 23:10					0.0
4/06/2024 23:20					0.0
4/06/2024 23:30					0.0
4/06/2024 23:40					0.0
4/06/2024 23:50					0.0
5/06/2024 0:00					0.0
5/06/2024 0:10					0.0
5/06/2024 0:20					0.0
5/06/2024 0:30					0.0
5/06/2024 0:40					0.0
5/06/2024 0:50					0.0
5/06/2024 1:00					0.0
5/06/2024 1:10					0.0
5/06/2024 1:20					0.0
5/06/2024 1:30					0.0
5/06/2024 1:40					0.0
5/06/2024 1:50					0.0
5/06/2024 2:00					0.0
5/06/2024 2:10					0.0
5/06/2024 2:20					0.0
5/06/2024 2:30					0.0
5/06/2024 2:40					0.0
5/06/2024 2:50					0.0
5/06/2024 3:00					0.0
5/06/2024 3:10					0.0
5/06/2024 3:20					0.0
5/06/2024 3:30					0.0
5/06/2024 3:40					0.0
5/06/2024 3:50					0.0
5/06/2024 4:00					0.0
5/06/2024 4:10					0.0
5/06/2024 4:20					0.0
5/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/06/2024 4:40					0.0
5/06/2024 4:50					0.0
5/06/2024 5:00					0.0
5/06/2024 5:10					0.0
5/06/2024 5:20					0.0
5/06/2024 5:30					0.0
5/06/2024 5:40					0.0
5/06/2024 5:50					0.0
5/06/2024 6:00					0.0
5/06/2024 6:10					0.0
5/06/2024 6:20					0.0
5/06/2024 6:30					0.0
5/06/2024 6:40					0.0
5/06/2024 6:50					0.0
5/06/2024 7:00					0.0
5/06/2024 7:10					0.0
5/06/2024 7:20					0.0
5/06/2024 7:30					0.0
5/06/2024 7:40					0.0
5/06/2024 7:50					0.0
5/06/2024 8:00					0.0
5/06/2024 8:10					0.0
5/06/2024 8:20					0.0
5/06/2024 8:30					0.0
5/06/2024 8:40					0.0
5/06/2024 8:50					0.0
5/06/2024 9:00					0.0
5/06/2024 9:10					0.0
5/06/2024 9:20					0.0
5/06/2024 9:30					0.0
5/06/2024 9:40					0.0
5/06/2024 9:50					0.0
5/06/2024 10:00					0.0
5/06/2024 10:10					0.0
5/06/2024 10:20					0.0
5/06/2024 10:30					0.0
5/06/2024 10:40					0.0
5/06/2024 10:50					0.0
5/06/2024 11:00					0.0
5/06/2024 11:10					0.0
5/06/2024 11:20					0.0
5/06/2024 11:30					0.0
5/06/2024 11:40					0.0
5/06/2024 11:50					0.0
5/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/06/2024 12:10					0.0
5/06/2024 12:20					0.0
5/06/2024 12:30					0.0
5/06/2024 12:40					0.0
5/06/2024 12:50					0.0
5/06/2024 13:00					0.0
5/06/2024 13:10					0.0
5/06/2024 13:20					0.0
5/06/2024 13:30					0.0
5/06/2024 13:40					0.0
5/06/2024 13:50					0.0
5/06/2024 14:00					0.0
5/06/2024 14:10					0.0
5/06/2024 14:20					0.0
5/06/2024 14:30					0.0
5/06/2024 14:40					0.0
5/06/2024 14:50					0.0
5/06/2024 15:00					0.0
5/06/2024 15:10					0.0
5/06/2024 15:20					0.0
5/06/2024 15:30					0.0
5/06/2024 15:40					0.0
5/06/2024 15:50					0.0
5/06/2024 16:00					0.0
5/06/2024 16:10					0.0
5/06/2024 16:20					0.0
5/06/2024 16:30					0.0
5/06/2024 16:40					0.0
5/06/2024 16:50					0.0
5/06/2024 17:00					0.0
5/06/2024 17:10					0.0
5/06/2024 17:20					0.0
5/06/2024 17:30					0.0
5/06/2024 17:40					0.0
5/06/2024 17:50					0.0
5/06/2024 18:00					0.0
5/06/2024 18:10					0.0
5/06/2024 18:20					0.0
5/06/2024 18:30					0.0
5/06/2024 18:40					0.0
5/06/2024 18:50					0.0
5/06/2024 19:00					0.0
5/06/2024 19:10					0.0
5/06/2024 19:20					0.0
5/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/06/2024 19:40					0.0
5/06/2024 19:50					0.0
5/06/2024 20:00					0.0
5/06/2024 20:10					0.0
5/06/2024 20:20					0.0
5/06/2024 20:30					0.0
5/06/2024 20:40					0.0
5/06/2024 20:50					0.0
5/06/2024 21:00					0.0
5/06/2024 21:10					0.0
5/06/2024 21:20					0.0
5/06/2024 21:30					0.0
5/06/2024 21:40					0.0
5/06/2024 21:50					0.0
5/06/2024 22:00					0.0
5/06/2024 22:10					0.0
5/06/2024 22:20					0.0
5/06/2024 22:30					0.0
5/06/2024 22:40					0.0
5/06/2024 22:50					0.0
5/06/2024 23:00					0.0
5/06/2024 23:10					0.0
5/06/2024 23:20					0.0
5/06/2024 23:30					0.0
5/06/2024 23:40					0.0
5/06/2024 23:50					0.0
6/06/2024 0:00					0.0
6/06/2024 0:10					0.0
6/06/2024 0:20					0.0
6/06/2024 0:30					0.0
6/06/2024 0:40					0.0
6/06/2024 0:50					0.0
6/06/2024 1:00					0.0
6/06/2024 1:10					0.0
6/06/2024 1:20					0.0
6/06/2024 1:30					0.0
6/06/2024 1:40					0.0
6/06/2024 1:50					0.0
6/06/2024 2:00					0.0
6/06/2024 2:10					0.0
6/06/2024 2:20					0.0
6/06/2024 2:30					0.0
6/06/2024 2:40					0.0
6/06/2024 2:50					0.0
6/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/06/2024 3:10					0.0
6/06/2024 3:20					0.0
6/06/2024 3:30					0.0
6/06/2024 3:40					0.0
6/06/2024 3:50					0.0
6/06/2024 4:00					0.0
6/06/2024 4:10					0.0
6/06/2024 4:20					0.0
6/06/2024 4:30					0.0
6/06/2024 4:40					0.0
6/06/2024 4:50					0.0
6/06/2024 5:00					0.0
6/06/2024 5:10					0.0
6/06/2024 5:20					0.0
6/06/2024 5:30					0.0
6/06/2024 5:40					0.0
6/06/2024 5:50					0.0
6/06/2024 6:00					0.0
6/06/2024 6:10					0.0
6/06/2024 6:20					0.0
6/06/2024 6:30					0.0
6/06/2024 6:40					0.0
6/06/2024 6:50					0.0
6/06/2024 7:00					0.0
6/06/2024 7:10					0.0
6/06/2024 7:20					0.0
6/06/2024 7:30					0.0
6/06/2024 7:40					0.0
6/06/2024 7:50					0.0
6/06/2024 8:00					0.0
6/06/2024 8:10					0.0
6/06/2024 8:20					0.0
6/06/2024 8:30					0.0
6/06/2024 8:40					0.0
6/06/2024 8:50					0.0
6/06/2024 9:00					0.0
6/06/2024 9:10					0.0
6/06/2024 9:20					0.0
6/06/2024 9:30					0.0
6/06/2024 9:40					0.0
6/06/2024 9:50					0.0
6/06/2024 10:00					0.0
6/06/2024 10:10					0.0
6/06/2024 10:20					0.0
6/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/06/2024 10:40					0.0
6/06/2024 10:50					0.0
6/06/2024 11:00					0.0
6/06/2024 11:10					0.0
6/06/2024 11:20					0.0
6/06/2024 11:30					0.0
6/06/2024 11:40					0.0
6/06/2024 11:50					0.0
6/06/2024 12:00					0.0
6/06/2024 12:10					0.0
6/06/2024 12:20					0.0
6/06/2024 12:30					0.0
6/06/2024 12:40					0.0
6/06/2024 12:50					0.0
6/06/2024 13:00					0.0
6/06/2024 13:10					0.0
6/06/2024 13:20					0.0
6/06/2024 13:30					0.0
6/06/2024 13:40					0.0
6/06/2024 13:50					0.0
6/06/2024 14:00					0.0
6/06/2024 14:10					0.0
6/06/2024 14:20					0.0
6/06/2024 14:30					0.0
6/06/2024 14:40					0.0
6/06/2024 14:50					0.0
6/06/2024 15:00					0.0
6/06/2024 15:10					0.0
6/06/2024 15:20					0.0
6/06/2024 15:30					0.0
6/06/2024 15:40					0.0
6/06/2024 15:50					0.0
6/06/2024 16:00					0.0
6/06/2024 16:10					0.0
6/06/2024 16:20					0.0
6/06/2024 16:30					0.0
6/06/2024 16:40					0.0
6/06/2024 16:50					0.0
6/06/2024 17:00					0.0
6/06/2024 17:10					0.0
6/06/2024 17:20					0.0
6/06/2024 17:30					0.0
6/06/2024 17:40					0.0
6/06/2024 17:50					0.0
6/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/06/2024 18:10					0.0
6/06/2024 18:20					0.0
6/06/2024 18:30					0.0
6/06/2024 18:40					0.0
6/06/2024 18:50					0.0
6/06/2024 19:00					0.0
6/06/2024 19:10					0.0
6/06/2024 19:20					0.0
6/06/2024 19:30					0.0
6/06/2024 19:40					0.0
6/06/2024 19:50					0.0
6/06/2024 20:00					0.0
6/06/2024 20:10					0.0
6/06/2024 20:20					0.0
6/06/2024 20:30					0.0
6/06/2024 20:40					0.0
6/06/2024 20:50					0.0
6/06/2024 21:00					0.0
6/06/2024 21:10					0.0
6/06/2024 21:20					0.0
6/06/2024 21:30					0.0
6/06/2024 21:40					0.0
6/06/2024 21:50					0.0
6/06/2024 22:00					0.0
6/06/2024 22:10					0.0
6/06/2024 22:20					0.0
6/06/2024 22:30					0.0
6/06/2024 22:40					0.0
6/06/2024 22:50					0.0
6/06/2024 23:00					0.0
6/06/2024 23:10					0.0
6/06/2024 23:20					0.0
6/06/2024 23:30					0.0
6/06/2024 23:40					0.0
6/06/2024 23:50					0.0
7/06/2024 0:00					0.0
7/06/2024 0:10					0.0
7/06/2024 0:20					0.0
7/06/2024 0:30					0.0
7/06/2024 0:40					0.0
7/06/2024 0:50					0.0
7/06/2024 1:00					0.0
7/06/2024 1:10					0.0
7/06/2024 1:20					0.0
7/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/06/2024 1:40					0.0
7/06/2024 1:50					0.0
7/06/2024 2:00					0.0
7/06/2024 2:10					0.0
7/06/2024 2:20					0.0
7/06/2024 2:30					0.0
7/06/2024 2:40					0.0
7/06/2024 2:50					0.0
7/06/2024 3:00					0.0
7/06/2024 3:10					0.0
7/06/2024 3:20					0.0
7/06/2024 3:30					0.0
7/06/2024 3:40					0.0
7/06/2024 3:50					0.0
7/06/2024 4:00					0.0
7/06/2024 4:10					0.0
7/06/2024 4:20					0.0
7/06/2024 4:30					0.0
7/06/2024 4:40					0.0
7/06/2024 4:50					0.0
7/06/2024 5:00					0.0
7/06/2024 5:10					0.0
7/06/2024 5:20					0.0
7/06/2024 5:30					0.0
7/06/2024 5:40					0.0
7/06/2024 5:50					0.0
7/06/2024 6:00					0.0
7/06/2024 6:10					0.0
7/06/2024 6:20					0.0
7/06/2024 6:30					0.0
7/06/2024 6:40					0.0
7/06/2024 6:50					0.0
7/06/2024 7:00					0.0
7/06/2024 7:10					0.0
7/06/2024 7:20					0.0
7/06/2024 7:30					0.0
7/06/2024 7:40					0.0
7/06/2024 7:50					0.0
7/06/2024 8:00					0.0
7/06/2024 8:10					0.0
7/06/2024 8:20					0.0
7/06/2024 8:30					0.0
7/06/2024 8:40					0.0
7/06/2024 8:50					0.0
7/06/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/06/2024 9:10					0.0
7/06/2024 9:20					0.0
7/06/2024 9:30					0.0
7/06/2024 9:40					0.0
7/06/2024 9:50					0.0
7/06/2024 10:00					0.0
7/06/2024 10:10					0.0
7/06/2024 10:20					0.0
7/06/2024 10:30					0.0
7/06/2024 10:40					0.0
7/06/2024 10:50					0.0
7/06/2024 11:00					0.0
7/06/2024 11:10					0.0
7/06/2024 11:20					0.0
7/06/2024 11:30					0.0
7/06/2024 11:40					0.0
7/06/2024 11:50					0.0
7/06/2024 12:00					0.0
7/06/2024 12:10					0.0
7/06/2024 12:20					0.0
7/06/2024 12:30					0.0
7/06/2024 12:40					0.0
7/06/2024 12:50					0.0
7/06/2024 13:00					0.0
7/06/2024 13:10					0.0
7/06/2024 13:20					0.0
7/06/2024 13:30					0.0
7/06/2024 13:40					0.0
7/06/2024 13:50					0.0
7/06/2024 14:00					0.0
7/06/2024 14:10					0.0
7/06/2024 14:20					0.0
7/06/2024 14:30					0.0
7/06/2024 14:40					0.0
7/06/2024 14:50					0.0
7/06/2024 15:00					0.0
7/06/2024 15:10					0.0
7/06/2024 15:20					0.0
7/06/2024 15:30					0.0
7/06/2024 15:40					0.0
7/06/2024 15:50					0.0
7/06/2024 16:00					0.0
7/06/2024 16:10					0.0
7/06/2024 16:20					0.0
7/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/06/2024 16:40					0.0
7/06/2024 16:50					0.0
7/06/2024 17:00					0.0
7/06/2024 17:10					0.0
7/06/2024 17:20					0.0
7/06/2024 17:30					0.0
7/06/2024 17:40					0.0
7/06/2024 17:50					0.0
7/06/2024 18:00					0.0
7/06/2024 18:10					0.0
7/06/2024 18:20					0.0
7/06/2024 18:30					0.0
7/06/2024 18:40					0.0
7/06/2024 18:50					0.0
7/06/2024 19:00					0.0
7/06/2024 19:10					0.0
7/06/2024 19:20					0.0
7/06/2024 19:30					0.0
7/06/2024 19:40					0.0
7/06/2024 19:50					0.0
7/06/2024 20:00					0.0
7/06/2024 20:10					0.0
7/06/2024 20:20					0.0
7/06/2024 20:30					0.0
7/06/2024 20:40					0.0
7/06/2024 20:50					0.0
7/06/2024 21:00					0.0
7/06/2024 21:10					0.0
7/06/2024 21:20					0.0
7/06/2024 21:30					0.0
7/06/2024 21:40					0.0
7/06/2024 21:50					0.0
7/06/2024 22:00					0.0
7/06/2024 22:10					0.0
7/06/2024 22:20					0.0
7/06/2024 22:30					0.0
7/06/2024 22:40					0.0
7/06/2024 22:50					0.0
7/06/2024 23:00					0.0
7/06/2024 23:10					0.0
7/06/2024 23:20					0.0
7/06/2024 23:30					0.0
7/06/2024 23:40					0.0
7/06/2024 23:50					0.0
8/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/06/2024 0:10					0.0
8/06/2024 0:20					0.0
8/06/2024 0:30					0.0
8/06/2024 0:40					0.0
8/06/2024 0:50					0.0
8/06/2024 1:00					0.0
8/06/2024 1:10					0.0
8/06/2024 1:20					0.0
8/06/2024 1:30					0.0
8/06/2024 1:40					0.0
8/06/2024 1:50					0.0
8/06/2024 2:00					0.0
8/06/2024 2:10					0.0
8/06/2024 2:20					0.0
8/06/2024 2:30					0.0
8/06/2024 2:40					0.0
8/06/2024 2:50					0.0
8/06/2024 3:00					0.0
8/06/2024 3:10					0.0
8/06/2024 3:20					0.0
8/06/2024 3:30					0.0
8/06/2024 3:40					0.0
8/06/2024 3:50					0.0
8/06/2024 4:00					0.0
8/06/2024 4:10					0.0
8/06/2024 4:20					0.0
8/06/2024 4:30					0.0
8/06/2024 4:40					0.0
8/06/2024 4:50					0.0
8/06/2024 5:00					0.0
8/06/2024 5:10					0.0
8/06/2024 5:20					0.0
8/06/2024 5:30					0.0
8/06/2024 5:40					0.0
8/06/2024 5:50					0.0
8/06/2024 6:00					0.0
8/06/2024 6:10					0.0
8/06/2024 6:20					0.0
8/06/2024 6:30					0.0
8/06/2024 6:40					0.0
8/06/2024 6:50					0.0
8/06/2024 7:00					0.0
8/06/2024 7:10					0.0
8/06/2024 7:20					0.0
8/06/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/06/2024 7:40					0.0
8/06/2024 7:50					0.0
8/06/2024 8:00					0.0
8/06/2024 8:10					0.0
8/06/2024 8:20					0.0
8/06/2024 8:30					0.0
8/06/2024 8:40					0.0
8/06/2024 8:50					0.0
8/06/2024 9:00					0.0
8/06/2024 9:10					0.0
8/06/2024 9:20					0.0
8/06/2024 9:30					0.0
8/06/2024 9:40					0.0
8/06/2024 9:50					0.0
8/06/2024 10:00					0.0
8/06/2024 10:10					0.0
8/06/2024 10:20					0.0
8/06/2024 10:30					0.0
8/06/2024 10:40					0.0
8/06/2024 10:50					0.0
8/06/2024 11:00					0.0
8/06/2024 11:10					0.0
8/06/2024 11:20					0.0
8/06/2024 11:30					0.0
8/06/2024 11:40					0.0
8/06/2024 11:50					0.0
8/06/2024 12:00					0.0
8/06/2024 12:10					0.0
8/06/2024 12:20					0.0
8/06/2024 12:30					0.0
8/06/2024 12:40					0.0
8/06/2024 12:50					0.0
8/06/2024 13:00					0.0
8/06/2024 13:10					0.0
8/06/2024 13:20					0.0
8/06/2024 13:30					0.0
8/06/2024 13:40					0.0
8/06/2024 13:50					0.0
8/06/2024 14:00					0.0
8/06/2024 14:10					0.0
8/06/2024 14:20					0.0
8/06/2024 14:30					0.0
8/06/2024 14:40					0.0
8/06/2024 14:50					0.0
8/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/06/2024 15:10					0.0
8/06/2024 15:20					0.0
8/06/2024 15:30					0.0
8/06/2024 15:40					0.0
8/06/2024 15:50					0.0
8/06/2024 16:00					0.0
8/06/2024 16:10					0.0
8/06/2024 16:20					0.0
8/06/2024 16:30					0.0
8/06/2024 16:40					0.0
8/06/2024 16:50					0.0
8/06/2024 17:00					0.0
8/06/2024 17:10					0.0
8/06/2024 17:20					0.0
8/06/2024 17:30					0.0
8/06/2024 17:40					0.0
8/06/2024 17:50					0.0
8/06/2024 18:00					0.0
8/06/2024 18:10					0.0
8/06/2024 18:20					0.0
8/06/2024 18:30					0.0
8/06/2024 18:40					0.0
8/06/2024 18:50					0.0
8/06/2024 19:00					0.0
8/06/2024 19:10					0.0
8/06/2024 19:20					0.0
8/06/2024 19:30					0.0
8/06/2024 19:40					0.0
8/06/2024 19:50					0.0
8/06/2024 20:00					0.0
8/06/2024 20:10					0.0
8/06/2024 20:20					0.0
8/06/2024 20:30					0.0
8/06/2024 20:40					0.0
8/06/2024 20:50					0.0
8/06/2024 21:00					0.0
8/06/2024 21:10					0.0
8/06/2024 21:20					0.0
8/06/2024 21:30					0.0
8/06/2024 21:40					0.0
8/06/2024 21:50					0.0
8/06/2024 22:00					0.0
8/06/2024 22:10					0.0
8/06/2024 22:20					0.0
8/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/06/2024 22:40					0.0
8/06/2024 22:50					0.0
8/06/2024 23:00					0.0
8/06/2024 23:10					0.0
8/06/2024 23:20					0.0
8/06/2024 23:30					0.0
8/06/2024 23:40					0.0
8/06/2024 23:50					0.0
9/06/2024 0:00					0.0
9/06/2024 0:10					0.0
9/06/2024 0:20					0.0
9/06/2024 0:30					0.0
9/06/2024 0:40					0.0
9/06/2024 0:50					0.0
9/06/2024 1:00					0.0
9/06/2024 1:10					0.0
9/06/2024 1:20					0.0
9/06/2024 1:30					0.0
9/06/2024 1:40					0.0
9/06/2024 1:50					0.0
9/06/2024 2:00					0.0
9/06/2024 2:10					0.0
9/06/2024 2:20					0.0
9/06/2024 2:30					0.0
9/06/2024 2:40					0.0
9/06/2024 2:50					0.0
9/06/2024 3:00					0.0
9/06/2024 3:10					0.0
9/06/2024 3:20					0.0
9/06/2024 3:30					0.0
9/06/2024 3:40					0.0
9/06/2024 3:50					0.0
9/06/2024 4:00					0.0
9/06/2024 4:10					0.0
9/06/2024 4:20					0.0
9/06/2024 4:30					0.0
9/06/2024 4:40					0.0
9/06/2024 4:50					0.0
9/06/2024 5:00					0.0
9/06/2024 5:10					0.0
9/06/2024 5:20					0.0
9/06/2024 5:30					0.0
9/06/2024 5:40					0.0
9/06/2024 5:50					0.0
9/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/06/2024 6:10					0.0
9/06/2024 6:20					0.0
9/06/2024 6:30					0.0
9/06/2024 6:40					0.0
9/06/2024 6:50					0.0
9/06/2024 7:00					0.0
9/06/2024 7:10					0.0
9/06/2024 7:20					0.0
9/06/2024 7:30					0.0
9/06/2024 7:40					0.0
9/06/2024 7:50					0.0
9/06/2024 8:00					0.0
9/06/2024 8:10					0.0
9/06/2024 8:20					0.0
9/06/2024 8:30					0.0
9/06/2024 8:40					0.0
9/06/2024 8:50					0.0
9/06/2024 9:00					0.0
9/06/2024 9:10					0.0
9/06/2024 9:20					0.0
9/06/2024 9:30					0.0
9/06/2024 9:40					0.0
9/06/2024 9:50					0.0
9/06/2024 10:00					0.0
9/06/2024 10:10					0.0
9/06/2024 10:20					0.0
9/06/2024 10:30					0.0
9/06/2024 10:40					0.0
9/06/2024 10:50					0.0
9/06/2024 11:00					0.0
9/06/2024 11:10					0.0
9/06/2024 11:20					0.0
9/06/2024 11:30					0.0
9/06/2024 11:40					0.0
9/06/2024 11:50					0.0
9/06/2024 12:00					0.0
9/06/2024 12:10					0.0
9/06/2024 12:20					0.0
9/06/2024 12:30					0.0
9/06/2024 12:40					0.0
9/06/2024 12:50					0.0
9/06/2024 13:00					0.0
9/06/2024 13:10					0.0
9/06/2024 13:20					0.0
9/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/06/2024 13:40					0.0
9/06/2024 13:50					0.0
9/06/2024 14:00					0.0
9/06/2024 14:10					0.0
9/06/2024 14:20					0.0
9/06/2024 14:30					0.0
9/06/2024 14:40					0.0
9/06/2024 14:50					0.0
9/06/2024 15:00					0.0
9/06/2024 15:10					0.0
9/06/2024 15:20					0.0
9/06/2024 15:30					0.0
9/06/2024 15:40					0.0
9/06/2024 15:50					0.0
9/06/2024 16:00					0.0
9/06/2024 16:10					0.0
9/06/2024 16:20					0.0
9/06/2024 16:30					0.0
9/06/2024 16:40					0.0
9/06/2024 16:50					0.0
9/06/2024 17:00					0.0
9/06/2024 17:10					0.0
9/06/2024 17:20					0.0
9/06/2024 17:30					0.0
9/06/2024 17:40					0.0
9/06/2024 17:50					0.0
9/06/2024 18:00					0.0
9/06/2024 18:10					0.0
9/06/2024 18:20					0.0
9/06/2024 18:30					0.0
9/06/2024 18:40					0.0
9/06/2024 18:50					0.0
9/06/2024 19:00					0.0
9/06/2024 19:10					0.0
9/06/2024 19:20					0.0
9/06/2024 19:30					0.0
9/06/2024 19:40					0.0
9/06/2024 19:50					0.0
9/06/2024 20:00					0.0
9/06/2024 20:10					0.0
9/06/2024 20:20					0.0
9/06/2024 20:30					0.0
9/06/2024 20:40					0.0
9/06/2024 20:50					0.0
9/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/06/2024 21:10					0.0
9/06/2024 21:20					0.0
9/06/2024 21:30					0.0
9/06/2024 21:40					0.0
9/06/2024 21:50					0.0
9/06/2024 22:00					0.0
9/06/2024 22:10					0.0
9/06/2024 22:20					0.0
9/06/2024 22:30					0.0
9/06/2024 22:40					0.0
9/06/2024 22:50					0.0
9/06/2024 23:00					0.0
9/06/2024 23:10					0.0
9/06/2024 23:20					0.0
9/06/2024 23:30					0.0
9/06/2024 23:40					0.0
9/06/2024 23:50					0.0
10/06/2024 0:00					0.0
10/06/2024 0:10					0.0
10/06/2024 0:20					0.0
10/06/2024 0:30					0.0
10/06/2024 0:40					0.0
10/06/2024 0:50					0.0
10/06/2024 1:00					0.0
10/06/2024 1:10					0.0
10/06/2024 1:20					0.0
10/06/2024 1:30					0.0
10/06/2024 1:40					0.0
10/06/2024 1:50					0.0
10/06/2024 2:00					0.0
10/06/2024 2:10					0.0
10/06/2024 2:20					0.0
10/06/2024 2:30					0.0
10/06/2024 2:40					0.0
10/06/2024 2:50					0.0
10/06/2024 3:00					0.0
10/06/2024 3:10					0.0
10/06/2024 3:20					0.0
10/06/2024 3:30					0.0
10/06/2024 3:40					0.0
10/06/2024 3:50					0.0
10/06/2024 4:00					0.0
10/06/2024 4:10					0.0
10/06/2024 4:20					0.0
10/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 4:40					0.0
10/06/2024 4:50					0.0
10/06/2024 5:00					0.0
10/06/2024 5:10					0.0
10/06/2024 5:20					0.0
10/06/2024 5:30					0.0
10/06/2024 5:40					0.0
10/06/2024 5:50					0.0
10/06/2024 6:00					0.0
10/06/2024 6:10					0.0
10/06/2024 6:20					0.0
10/06/2024 6:30					0.0
10/06/2024 6:40					0.0
10/06/2024 6:50					0.0
10/06/2024 7:00					0.0
10/06/2024 7:10					0.0
10/06/2024 7:20					0.0
10/06/2024 7:30					0.0
10/06/2024 7:40					0.0
10/06/2024 7:50					0.0
10/06/2024 8:00					0.0
10/06/2024 8:10					0.0
10/06/2024 8:20					0.0
10/06/2024 8:30					0.0
10/06/2024 8:40					0.0
10/06/2024 8:50					0.0
10/06/2024 9:00					0.0
10/06/2024 9:10					0.0
10/06/2024 9:20					0.0
10/06/2024 9:30					0.0
10/06/2024 9:40					0.0
10/06/2024 9:50					0.0
10/06/2024 10:00					0.0
10/06/2024 10:10					0.0
10/06/2024 10:20					0.0
10/06/2024 10:30					0.0
10/06/2024 10:40					0.0
10/06/2024 10:50					0.0
10/06/2024 11:00					0.0
10/06/2024 11:10					0.0
10/06/2024 11:20					0.0
10/06/2024 11:30					0.0
10/06/2024 11:40					0.0
10/06/2024 11:50					0.0
10/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 12:10					0.0
10/06/2024 12:20					0.0
10/06/2024 12:30					0.0
10/06/2024 12:40					0.0
10/06/2024 12:50					0.0
10/06/2024 13:00					0.0
10/06/2024 13:10					0.0
10/06/2024 13:20					0.0
10/06/2024 13:30					0.0
10/06/2024 13:40					0.0
10/06/2024 13:50					0.0
10/06/2024 14:00					0.0
10/06/2024 14:10					0.0
10/06/2024 14:20					0.0
10/06/2024 14:30					0.0
10/06/2024 14:40					0.0
10/06/2024 14:50					0.0
10/06/2024 15:00					0.0
10/06/2024 15:10					0.0
10/06/2024 15:20					0.0
10/06/2024 15:30					0.0
10/06/2024 15:40					0.0
10/06/2024 15:50					0.0
10/06/2024 16:00					0.0
10/06/2024 16:10					0.0
10/06/2024 16:20					0.0
10/06/2024 16:30					0.0
10/06/2024 16:40					0.0
10/06/2024 16:50					0.0
10/06/2024 17:00					0.0
10/06/2024 17:10					0.0
10/06/2024 17:20					0.0
10/06/2024 17:30					0.0
10/06/2024 17:40					0.0
10/06/2024 17:50					0.0
10/06/2024 18:00					0.0
10/06/2024 18:10					0.0
10/06/2024 18:20					0.0
10/06/2024 18:30					0.0
10/06/2024 18:40					0.0
10/06/2024 18:50					0.0
10/06/2024 19:00					0.0
10/06/2024 19:10					0.0
10/06/2024 19:20					0.0
10/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/06/2024 19:40					0.0
10/06/2024 19:50					0.0
10/06/2024 20:00					0.0
10/06/2024 20:10					0.0
10/06/2024 20:20					0.0
10/06/2024 20:30					0.0
10/06/2024 20:40					0.0
10/06/2024 20:50					0.0
10/06/2024 21:00					0.0
10/06/2024 21:10					0.0
10/06/2024 21:20					0.0
10/06/2024 21:30					0.0
10/06/2024 21:40					0.0
10/06/2024 21:50					0.0
10/06/2024 22:00					0.0
10/06/2024 22:10					0.0
10/06/2024 22:20					0.0
10/06/2024 22:30					0.0
10/06/2024 22:40					0.0
10/06/2024 22:50					0.0
10/06/2024 23:00					0.0
10/06/2024 23:10					0.0
10/06/2024 23:20					0.0
10/06/2024 23:30					0.0
10/06/2024 23:40					0.0
10/06/2024 23:50					0.0
11/06/2024 0:00					0.0
11/06/2024 0:10					0.0
11/06/2024 0:20					0.0
11/06/2024 0:30					0.0
11/06/2024 0:40					0.0
11/06/2024 0:50					0.0
11/06/2024 1:00					0.0
11/06/2024 1:10					0.0
11/06/2024 1:20					0.0
11/06/2024 1:30					0.0
11/06/2024 1:40					0.0
11/06/2024 1:50					0.0
11/06/2024 2:00					0.0
11/06/2024 2:10					0.0
11/06/2024 2:20					0.0
11/06/2024 2:30					0.0
11/06/2024 2:40					0.0
11/06/2024 2:50					0.0
11/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 3:10					0.0
11/06/2024 3:20					0.0
11/06/2024 3:30					0.0
11/06/2024 3:40					0.0
11/06/2024 3:50					0.0
11/06/2024 4:00					0.0
11/06/2024 4:10					0.0
11/06/2024 4:20					0.0
11/06/2024 4:30					0.0
11/06/2024 4:40					0.0
11/06/2024 4:50					0.0
11/06/2024 5:00					0.0
11/06/2024 5:10					0.0
11/06/2024 5:20					0.0
11/06/2024 5:30					0.0
11/06/2024 5:40					0.0
11/06/2024 5:50					0.0
11/06/2024 6:00					0.0
11/06/2024 6:10					0.0
11/06/2024 6:20					0.0
11/06/2024 6:30					0.0
11/06/2024 6:40					0.0
11/06/2024 6:50					0.0
11/06/2024 7:00					0.0
11/06/2024 7:10					0.0
11/06/2024 7:20					0.0
11/06/2024 7:30					0.0
11/06/2024 7:40					0.0
11/06/2024 7:50					0.0
11/06/2024 8:00					0.0
11/06/2024 8:10					0.0
11/06/2024 8:20					0.0
11/06/2024 8:30					0.0
11/06/2024 8:40					0.0
11/06/2024 8:50					0.0
11/06/2024 9:00					0.0
11/06/2024 9:10					0.0
11/06/2024 9:20					0.0
11/06/2024 9:30					0.0
11/06/2024 9:40					0.0
11/06/2024 9:50					0.0
11/06/2024 10:00					0.0
11/06/2024 10:10					0.0
11/06/2024 10:20					0.0
11/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 10:40					0.0
11/06/2024 10:50					0.0
11/06/2024 11:00					0.0
11/06/2024 11:10					0.0
11/06/2024 11:20					0.0
11/06/2024 11:30					0.0
11/06/2024 11:40					0.0
11/06/2024 11:50					0.0
11/06/2024 12:00					0.0
11/06/2024 12:10					0.0
11/06/2024 12:20					0.0
11/06/2024 12:30					0.0
11/06/2024 12:40					0.0
11/06/2024 12:50					0.0
11/06/2024 13:00					0.0
11/06/2024 13:10					0.0
11/06/2024 13:20					0.0
11/06/2024 13:30					0.0
11/06/2024 13:40					0.0
11/06/2024 13:50					0.0
11/06/2024 14:00					0.0
11/06/2024 14:10					0.0
11/06/2024 14:20					0.0
11/06/2024 14:30					0.0
11/06/2024 14:40					0.0
11/06/2024 14:50					0.0
11/06/2024 15:00					0.0
11/06/2024 15:10					0.0
11/06/2024 15:20					0.0
11/06/2024 15:30					0.0
11/06/2024 15:40					0.0
11/06/2024 15:50					0.0
11/06/2024 16:00					0.0
11/06/2024 16:10					0.0
11/06/2024 16:20					0.0
11/06/2024 16:30					0.0
11/06/2024 16:40					0.0
11/06/2024 16:50					0.0
11/06/2024 17:00					0.0
11/06/2024 17:10					0.0
11/06/2024 17:20					0.0
11/06/2024 17:30					0.0
11/06/2024 17:40					0.0
11/06/2024 17:50					0.0
11/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/06/2024 18:10					0.0
11/06/2024 18:20					0.0
11/06/2024 18:30					0.0
11/06/2024 18:40					0.0
11/06/2024 18:50					0.0
11/06/2024 19:00					0.0
11/06/2024 19:10					0.0
11/06/2024 19:20					0.0
11/06/2024 19:30					0.0
11/06/2024 19:40					0.0
11/06/2024 19:50					0.0
11/06/2024 20:00					0.0
11/06/2024 20:10					0.0
11/06/2024 20:20					0.0
11/06/2024 20:30					0.0
11/06/2024 20:40					0.0
11/06/2024 20:50					0.0
11/06/2024 21:00					0.0
11/06/2024 21:10					0.0
11/06/2024 21:20					0.0
11/06/2024 21:30					0.0
11/06/2024 21:40					0.0
11/06/2024 21:50					0.0
11/06/2024 22:00					0.0
11/06/2024 22:10					0.0
11/06/2024 22:20					0.0
11/06/2024 22:30					0.0
11/06/2024 22:40					0.0
11/06/2024 22:50					0.0
11/06/2024 23:00					0.0
11/06/2024 23:10					0.0
11/06/2024 23:20					0.0
11/06/2024 23:30					0.0
11/06/2024 23:40					0.0
11/06/2024 23:50					0.0
12/06/2024 0:00					0.0
12/06/2024 0:10					0.0
12/06/2024 0:20					0.0
12/06/2024 0:30					0.0
12/06/2024 0:40					0.0
12/06/2024 0:50					0.0
12/06/2024 1:00					0.0
12/06/2024 1:10					0.0
12/06/2024 1:20					0.0
12/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 1:40					0.0
12/06/2024 1:50					0.0
12/06/2024 2:00					0.0
12/06/2024 2:10					0.0
12/06/2024 2:20					0.0
12/06/2024 2:30					0.0
12/06/2024 2:40					0.0
12/06/2024 2:50					0.0
12/06/2024 3:00					0.0
12/06/2024 3:10					0.0
12/06/2024 3:20					0.0
12/06/2024 3:30					0.0
12/06/2024 3:40					0.0
12/06/2024 3:50					0.0
12/06/2024 4:00					0.0
12/06/2024 4:10					0.0
12/06/2024 4:20					0.0
12/06/2024 4:30					0.0
12/06/2024 4:40					0.0
12/06/2024 4:50					0.0
12/06/2024 5:00					0.0
12/06/2024 5:10					0.0
12/06/2024 5:20					0.0
12/06/2024 5:30					0.0
12/06/2024 5:40					0.0
12/06/2024 5:50					0.0
12/06/2024 6:00					0.0
12/06/2024 6:10					0.0
12/06/2024 6:20					0.0
12/06/2024 6:30					0.0
12/06/2024 6:40					0.0
12/06/2024 6:50					0.0
12/06/2024 7:00					0.0
12/06/2024 7:10					0.0
12/06/2024 7:20					0.0
12/06/2024 7:30					0.0
12/06/2024 7:40					0.0
12/06/2024 7:50					0.0
12/06/2024 8:00					0.0
12/06/2024 8:10					0.0
12/06/2024 8:20					0.0
12/06/2024 8:30					0.0
12/06/2024 8:40					0.0
12/06/2024 8:50					0.0
12/06/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 9:10					0.0
12/06/2024 9:20					0.0
12/06/2024 9:30					0.0
12/06/2024 9:40					0.0
12/06/2024 9:50					0.0
12/06/2024 10:00					0.0
12/06/2024 10:10					0.0
12/06/2024 10:20					0.0
12/06/2024 10:30					0.0
12/06/2024 10:40					0.0
12/06/2024 10:50					0.0
12/06/2024 11:00					0.0
12/06/2024 11:10					0.0
12/06/2024 11:20					0.0
12/06/2024 11:30					0.0
12/06/2024 11:40					0.0
12/06/2024 11:50					0.0
12/06/2024 12:00					0.0
12/06/2024 12:10					0.0
12/06/2024 12:20					0.0
12/06/2024 12:30					0.0
12/06/2024 12:40					0.0
12/06/2024 12:50					0.0
12/06/2024 13:00					0.0
12/06/2024 13:10					0.0
12/06/2024 13:20					0.0
12/06/2024 13:30					0.0
12/06/2024 13:40					0.0
12/06/2024 13:50					0.0
12/06/2024 14:00					0.0
12/06/2024 14:10					0.0
12/06/2024 14:20					0.0
12/06/2024 14:30					0.0
12/06/2024 14:40					0.0
12/06/2024 14:50					0.0
12/06/2024 15:00					0.0
12/06/2024 15:10					0.0
12/06/2024 15:20					0.0
12/06/2024 15:30					0.0
12/06/2024 15:40					0.0
12/06/2024 15:50					0.0
12/06/2024 16:00					0.0
12/06/2024 16:10					0.0
12/06/2024 16:20					0.0
12/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/06/2024 16:40					0.0
12/06/2024 16:50					0.0
12/06/2024 17:00					0.0
12/06/2024 17:10					0.0
12/06/2024 17:20					0.0
12/06/2024 17:30					0.0
12/06/2024 17:40					0.0
12/06/2024 17:50					0.0
12/06/2024 18:00					0.0
12/06/2024 18:10					0.0
12/06/2024 18:20					0.0
12/06/2024 18:30					0.0
12/06/2024 18:40					0.0
12/06/2024 18:50					0.0
12/06/2024 19:00					0.0
12/06/2024 19:10					0.0
12/06/2024 19:20					0.0
12/06/2024 19:30					0.0
12/06/2024 19:40					0.0
12/06/2024 19:50					0.0
12/06/2024 20:00					0.0
12/06/2024 20:10					0.0
12/06/2024 20:20					0.0
12/06/2024 20:30					0.0
12/06/2024 20:40					0.0
12/06/2024 20:50					0.0
12/06/2024 21:00					0.0
12/06/2024 21:10					0.0
12/06/2024 21:20					0.0
12/06/2024 21:30					0.0
12/06/2024 21:40					0.0
12/06/2024 21:50					0.0
12/06/2024 22:00					0.0
12/06/2024 22:10					0.0
12/06/2024 22:20					0.0
12/06/2024 22:30					0.0
12/06/2024 22:40					0.0
12/06/2024 22:50					0.0
12/06/2024 23:00					0.0
12/06/2024 23:10					0.0
12/06/2024 23:20					0.0
12/06/2024 23:30					0.0
12/06/2024 23:40					0.0
12/06/2024 23:50					0.0
13/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 0:10					0.0
13/06/2024 0:20					0.0
13/06/2024 0:30					0.0
13/06/2024 0:40					0.0
13/06/2024 0:50					0.0
13/06/2024 1:00					0.0
13/06/2024 1:10					0.0
13/06/2024 1:20					0.0
13/06/2024 1:30					0.0
13/06/2024 1:40					0.0
13/06/2024 1:50					0.0
13/06/2024 2:00					0.0
13/06/2024 2:10					0.0
13/06/2024 2:20					0.0
13/06/2024 2:30					0.0
13/06/2024 2:40					0.0
13/06/2024 2:50					0.0
13/06/2024 3:00					0.0
13/06/2024 3:10					0.0
13/06/2024 3:20					0.0
13/06/2024 3:30					0.0
13/06/2024 3:40					0.0
13/06/2024 3:50					0.0
13/06/2024 4:00					0.0
13/06/2024 4:10					0.0
13/06/2024 4:20					0.0
13/06/2024 4:30					0.0
13/06/2024 4:40					0.0
13/06/2024 4:50					0.0
13/06/2024 5:00					0.0
13/06/2024 5:10					0.0
13/06/2024 5:20					0.0
13/06/2024 5:30					0.0
13/06/2024 5:40					0.0
13/06/2024 5:50					0.0
13/06/2024 6:00					0.0
13/06/2024 6:10					0.0
13/06/2024 6:20					0.0
13/06/2024 6:30					0.0
13/06/2024 6:40					0.0
13/06/2024 6:50					0.0
13/06/2024 7:00					0.0
13/06/2024 7:10					0.0
13/06/2024 7:20					0.0
13/06/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 7:40					0.0
13/06/2024 7:50					0.0
13/06/2024 8:00					0.0
13/06/2024 8:10					0.0
13/06/2024 8:20					0.0
13/06/2024 8:30					0.0
13/06/2024 8:40					0.0
13/06/2024 8:50					0.0
13/06/2024 9:00					0.0
13/06/2024 9:10					0.0
13/06/2024 9:20					0.0
13/06/2024 9:30					0.0
13/06/2024 9:40					0.0
13/06/2024 9:50					0.0
13/06/2024 10:00					0.0
13/06/2024 10:10					0.0
13/06/2024 10:20					0.0
13/06/2024 10:30					0.0
13/06/2024 10:40					0.0
13/06/2024 10:50					0.0
13/06/2024 11:00					0.0
13/06/2024 11:10					0.0
13/06/2024 11:20					0.0
13/06/2024 11:30					0.0
13/06/2024 11:40					0.0
13/06/2024 11:50					0.0
13/06/2024 12:00					0.0
13/06/2024 12:10					0.0
13/06/2024 12:20					0.0
13/06/2024 12:30					0.0
13/06/2024 12:40					0.0
13/06/2024 12:50					0.0
13/06/2024 13:00					0.0
13/06/2024 13:10					0.0
13/06/2024 13:20					0.0
13/06/2024 13:30					0.0
13/06/2024 13:40					0.0
13/06/2024 13:50					0.0
13/06/2024 14:00					0.0
13/06/2024 14:10					0.0
13/06/2024 14:20					0.0
13/06/2024 14:30					0.0
13/06/2024 14:40					0.0
13/06/2024 14:50					0.0
13/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 15:10					0.0
13/06/2024 15:20					0.0
13/06/2024 15:30					0.0
13/06/2024 15:40					0.0
13/06/2024 15:50					0.0
13/06/2024 16:00					0.0
13/06/2024 16:10					0.0
13/06/2024 16:20					0.0
13/06/2024 16:30					0.0
13/06/2024 16:40					0.0
13/06/2024 16:50					0.0
13/06/2024 17:00					0.0
13/06/2024 17:10					0.0
13/06/2024 17:20					0.0
13/06/2024 17:30					0.0
13/06/2024 17:40					0.0
13/06/2024 17:50					0.0
13/06/2024 18:00					0.0
13/06/2024 18:10					0.0
13/06/2024 18:20					0.0
13/06/2024 18:30					0.0
13/06/2024 18:40					0.0
13/06/2024 18:50					0.0
13/06/2024 19:00					0.0
13/06/2024 19:10					0.0
13/06/2024 19:20					0.0
13/06/2024 19:30					0.0
13/06/2024 19:40					0.0
13/06/2024 19:50					0.0
13/06/2024 20:00					0.0
13/06/2024 20:10					0.0
13/06/2024 20:20					0.0
13/06/2024 20:30					0.0
13/06/2024 20:40					0.0
13/06/2024 20:50					0.0
13/06/2024 21:00					0.0
13/06/2024 21:10					0.0
13/06/2024 21:20					0.0
13/06/2024 21:30					0.0
13/06/2024 21:40					0.0
13/06/2024 21:50					0.0
13/06/2024 22:00					0.0
13/06/2024 22:10					0.0
13/06/2024 22:20					0.0
13/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/06/2024 22:40					0.0
13/06/2024 22:50					0.0
13/06/2024 23:00					0.0
13/06/2024 23:10					0.0
13/06/2024 23:20					0.0
13/06/2024 23:30					0.0
13/06/2024 23:40					0.0
13/06/2024 23:50					0.0
14/06/2024 0:00					0.0
14/06/2024 0:10					0.0
14/06/2024 0:20					0.0
14/06/2024 0:30					0.0
14/06/2024 0:40					0.0
14/06/2024 0:50					0.0
14/06/2024 1:00					0.0
14/06/2024 1:10					0.0
14/06/2024 1:20					0.0
14/06/2024 1:30					0.0
14/06/2024 1:40					0.0
14/06/2024 1:50					0.0
14/06/2024 2:00					0.0
14/06/2024 2:10					0.0
14/06/2024 2:20					0.0
14/06/2024 2:30					0.0
14/06/2024 2:40					0.0
14/06/2024 2:50					0.0
14/06/2024 3:00					0.0
14/06/2024 3:10					0.0
14/06/2024 3:20					0.0
14/06/2024 3:30					0.0
14/06/2024 3:40					0.0
14/06/2024 3:50					0.0
14/06/2024 4:00					0.0
14/06/2024 4:10					0.0
14/06/2024 4:20					0.0
14/06/2024 4:30					0.0
14/06/2024 4:40					0.0
14/06/2024 4:50					0.0
14/06/2024 5:00					0.0
14/06/2024 5:10					0.0
14/06/2024 5:20					0.0
14/06/2024 5:30					0.0
14/06/2024 5:40					0.0
14/06/2024 5:50					0.0
14/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 6:10					0.0
14/06/2024 6:20					0.0
14/06/2024 6:30					0.0
14/06/2024 6:40					0.0
14/06/2024 6:50					0.0
14/06/2024 7:00					0.0
14/06/2024 7:10					0.0
14/06/2024 7:20					0.0
14/06/2024 7:30					0.0
14/06/2024 7:40					0.0
14/06/2024 7:50					0.0
14/06/2024 8:00					0.0
14/06/2024 8:10					0.0
14/06/2024 8:20					0.0
14/06/2024 8:30					0.0
14/06/2024 8:40					0.0
14/06/2024 8:50					0.0
14/06/2024 9:00					0.0
14/06/2024 9:10					0.0
14/06/2024 9:20					0.0
14/06/2024 9:30					0.0
14/06/2024 9:40					0.0
14/06/2024 9:50					0.0
14/06/2024 10:00					0.0
14/06/2024 10:10					0.0
14/06/2024 10:20					0.0
14/06/2024 10:30					0.0
14/06/2024 10:40					0.0
14/06/2024 10:50					0.0
14/06/2024 11:00					0.0
14/06/2024 11:10					0.0
14/06/2024 11:20					0.0
14/06/2024 11:30					0.0
14/06/2024 11:40					0.0
14/06/2024 11:50					0.0
14/06/2024 12:00					0.0
14/06/2024 12:10					0.0
14/06/2024 12:20					0.0
14/06/2024 12:30					0.0
14/06/2024 12:40					0.0
14/06/2024 12:50					0.0
14/06/2024 13:00					0.0
14/06/2024 13:10					0.0
14/06/2024 13:20					0.0
14/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 13:40					0.0
14/06/2024 13:50					0.0
14/06/2024 14:00					0.0
14/06/2024 14:10					0.0
14/06/2024 14:20					0.0
14/06/2024 14:30					0.0
14/06/2024 14:40					0.0
14/06/2024 14:50					0.0
14/06/2024 15:00					0.0
14/06/2024 15:10					0.0
14/06/2024 15:20					0.0
14/06/2024 15:30					0.0
14/06/2024 15:40					0.0
14/06/2024 15:50					0.0
14/06/2024 16:00					0.0
14/06/2024 16:10					0.0
14/06/2024 16:20					0.0
14/06/2024 16:30					0.0
14/06/2024 16:40					0.0
14/06/2024 16:50					0.0
14/06/2024 17:00					0.0
14/06/2024 17:10					0.0
14/06/2024 17:20					0.0
14/06/2024 17:30					0.0
14/06/2024 17:40					0.0
14/06/2024 17:50					0.0
14/06/2024 18:00					0.0
14/06/2024 18:10					0.0
14/06/2024 18:20					0.0
14/06/2024 18:30					0.0
14/06/2024 18:40					0.0
14/06/2024 18:50					0.0
14/06/2024 19:00					0.0
14/06/2024 19:10					0.0
14/06/2024 19:20					0.0
14/06/2024 19:30					0.0
14/06/2024 19:40					0.0
14/06/2024 19:50					0.0
14/06/2024 20:00					0.0
14/06/2024 20:10					0.0
14/06/2024 20:20					0.0
14/06/2024 20:30					0.0
14/06/2024 20:40					0.0
14/06/2024 20:50					0.0
14/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/06/2024 21:10					0.0
14/06/2024 21:20					0.0
14/06/2024 21:30					0.0
14/06/2024 21:40					0.0
14/06/2024 21:50					0.0
14/06/2024 22:00					0.0
14/06/2024 22:10					0.0
14/06/2024 22:20					0.0
14/06/2024 22:30					0.0
14/06/2024 22:40					0.0
14/06/2024 22:50					0.0
14/06/2024 23:00					0.0
14/06/2024 23:10					0.0
14/06/2024 23:20					0.0
14/06/2024 23:30					0.0
14/06/2024 23:40					0.0
14/06/2024 23:50					0.0
15/06/2024 0:00					0.0
15/06/2024 0:10					0.0
15/06/2024 0:20					0.0
15/06/2024 0:30					0.0
15/06/2024 0:40					0.0
15/06/2024 0:50					0.0
15/06/2024 1:00					0.0
15/06/2024 1:10					0.0
15/06/2024 1:20					0.0
15/06/2024 1:30					0.0
15/06/2024 1:40					0.0
15/06/2024 1:50					0.0
15/06/2024 2:00					0.0
15/06/2024 2:10					0.0
15/06/2024 2:20					0.0
15/06/2024 2:30					0.0
15/06/2024 2:40					0.0
15/06/2024 2:50					0.0
15/06/2024 3:00					0.0
15/06/2024 3:10					0.0
15/06/2024 3:20					0.0
15/06/2024 3:30					0.0
15/06/2024 3:40					0.0
15/06/2024 3:50					0.0
15/06/2024 4:00					0.0
15/06/2024 4:10					0.0
15/06/2024 4:20					0.0
15/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 4:40					0.0
15/06/2024 4:50					0.0
15/06/2024 5:00					0.0
15/06/2024 5:10					0.0
15/06/2024 5:20					0.0
15/06/2024 5:30					0.0
15/06/2024 5:40					0.0
15/06/2024 5:50					0.0
15/06/2024 6:00					0.0
15/06/2024 6:10					0.0
15/06/2024 6:20					0.0
15/06/2024 6:30					0.0
15/06/2024 6:40					0.0
15/06/2024 6:50					0.0
15/06/2024 7:00					0.0
15/06/2024 7:10					0.0
15/06/2024 7:20					0.0
15/06/2024 7:30					0.0
15/06/2024 7:40					0.0
15/06/2024 7:50					0.0
15/06/2024 8:00					0.0
15/06/2024 8:10					0.0
15/06/2024 8:20					0.0
15/06/2024 8:30					0.0
15/06/2024 8:40					0.0
15/06/2024 8:50					0.0
15/06/2024 9:00					0.0
15/06/2024 9:10					0.0
15/06/2024 9:20					0.0
15/06/2024 9:30					0.0
15/06/2024 9:40					0.0
15/06/2024 9:50					0.0
15/06/2024 10:00					0.0
15/06/2024 10:10					0.0
15/06/2024 10:20					0.0
15/06/2024 10:30					0.0
15/06/2024 10:40					0.0
15/06/2024 10:50					0.0
15/06/2024 11:00					0.0
15/06/2024 11:10					0.0
15/06/2024 11:20					0.0
15/06/2024 11:30					0.0
15/06/2024 11:40					0.0
15/06/2024 11:50					0.0
15/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 12:10					0.0
15/06/2024 12:20					0.0
15/06/2024 12:30					0.0
15/06/2024 12:40					0.0
15/06/2024 12:50					0.0
15/06/2024 13:00					0.0
15/06/2024 13:10					0.0
15/06/2024 13:20					0.0
15/06/2024 13:30					0.0
15/06/2024 13:40					0.0
15/06/2024 13:50					0.0
15/06/2024 14:00					0.0
15/06/2024 14:10					0.0
15/06/2024 14:20					0.0
15/06/2024 14:30					0.0
15/06/2024 14:40					0.0
15/06/2024 14:50					0.0
15/06/2024 15:00					0.0
15/06/2024 15:10					0.0
15/06/2024 15:20					0.0
15/06/2024 15:30					0.0
15/06/2024 15:40					0.0
15/06/2024 15:50					0.0
15/06/2024 16:00					0.0
15/06/2024 16:10					0.0
15/06/2024 16:20					0.0
15/06/2024 16:30					0.0
15/06/2024 16:40					0.0
15/06/2024 16:50					0.0
15/06/2024 17:00					0.0
15/06/2024 17:10					0.0
15/06/2024 17:20					0.0
15/06/2024 17:30					0.0
15/06/2024 17:40					0.0
15/06/2024 17:50					0.0
15/06/2024 18:00					0.0
15/06/2024 18:10					0.0
15/06/2024 18:20					0.0
15/06/2024 18:30					0.0
15/06/2024 18:40					0.0
15/06/2024 18:50					0.0
15/06/2024 19:00					0.0
15/06/2024 19:10					0.0
15/06/2024 19:20					0.0
15/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/06/2024 19:40					0.0
15/06/2024 19:50					0.0
15/06/2024 20:00					0.0
15/06/2024 20:10					0.0
15/06/2024 20:20					0.0
15/06/2024 20:30					0.0
15/06/2024 20:40					0.0
15/06/2024 20:50					0.0
15/06/2024 21:00					0.0
15/06/2024 21:10					0.0
15/06/2024 21:20					0.0
15/06/2024 21:30					0.0
15/06/2024 21:40					0.0
15/06/2024 21:50					0.0
15/06/2024 22:00					0.0
15/06/2024 22:10					0.0
15/06/2024 22:20					0.0
15/06/2024 22:30					0.0
15/06/2024 22:40					0.0
15/06/2024 22:50					0.0
15/06/2024 23:00					0.0
15/06/2024 23:10					0.0
15/06/2024 23:20					0.0
15/06/2024 23:30					0.0
15/06/2024 23:40					0.0
15/06/2024 23:50					0.0
16/06/2024 0:00					0.0
16/06/2024 0:10					0.0
16/06/2024 0:20					0.0
16/06/2024 0:30					0.0
16/06/2024 0:40					0.0
16/06/2024 0:50					0.0
16/06/2024 1:00					0.0
16/06/2024 1:10					0.0
16/06/2024 1:20					0.0
16/06/2024 1:30					0.0
16/06/2024 1:40					0.0
16/06/2024 1:50					0.0
16/06/2024 2:00					0.0
16/06/2024 2:10					0.0
16/06/2024 2:20					0.0
16/06/2024 2:30					0.0
16/06/2024 2:40					0.0
16/06/2024 2:50					0.0
16/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 3:10					0.0
16/06/2024 3:20					0.0
16/06/2024 3:30					0.0
16/06/2024 3:40					0.0
16/06/2024 3:50					0.0
16/06/2024 4:00					0.0
16/06/2024 4:10					0.0
16/06/2024 4:20					0.0
16/06/2024 4:30					0.0
16/06/2024 4:40					0.0
16/06/2024 4:50					0.0
16/06/2024 5:00					0.0
16/06/2024 5:10					0.0
16/06/2024 5:20					0.0
16/06/2024 5:30					0.0
16/06/2024 5:40					0.0
16/06/2024 5:50					0.0
16/06/2024 6:00					0.0
16/06/2024 6:10					0.0
16/06/2024 6:20					0.0
16/06/2024 6:30					0.0
16/06/2024 6:40					0.0
16/06/2024 6:50					0.0
16/06/2024 7:00					0.0
16/06/2024 7:10					0.0
16/06/2024 7:20					0.0
16/06/2024 7:30					0.0
16/06/2024 7:40					0.0
16/06/2024 7:50					0.0
16/06/2024 8:00					0.0
16/06/2024 8:10					0.0
16/06/2024 8:20					0.0
16/06/2024 8:30					0.0
16/06/2024 8:40					0.0
16/06/2024 8:50					0.0
16/06/2024 9:00					0.0
16/06/2024 9:10					0.0
16/06/2024 9:20					0.0
16/06/2024 9:30					0.0
16/06/2024 9:40					0.0
16/06/2024 9:50					0.0
16/06/2024 10:00					0.0
16/06/2024 10:10					0.0
16/06/2024 10:20					0.0
16/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 10:40					0.0
16/06/2024 10:50					0.0
16/06/2024 11:00					0.0
16/06/2024 11:10					0.0
16/06/2024 11:20					0.0
16/06/2024 11:30					0.0
16/06/2024 11:40					0.0
16/06/2024 11:50					0.0
16/06/2024 12:00					0.0
16/06/2024 12:10					0.0
16/06/2024 12:20					0.0
16/06/2024 12:30					0.0
16/06/2024 12:40					0.0
16/06/2024 12:50					0.0
16/06/2024 13:00					0.0
16/06/2024 13:10					0.0
16/06/2024 13:20					0.0
16/06/2024 13:30					0.0
16/06/2024 13:40					0.0
16/06/2024 13:50					0.0
16/06/2024 14:00					0.0
16/06/2024 14:10					0.0
16/06/2024 14:20					0.0
16/06/2024 14:30					0.0
16/06/2024 14:40					0.0
16/06/2024 14:50					0.0
16/06/2024 15:00					0.0
16/06/2024 15:10					0.0
16/06/2024 15:20					0.0
16/06/2024 15:30					0.0
16/06/2024 15:40					0.0
16/06/2024 15:50					0.0
16/06/2024 16:00					0.0
16/06/2024 16:10					0.0
16/06/2024 16:20					0.0
16/06/2024 16:30					0.0
16/06/2024 16:40					0.0
16/06/2024 16:50					0.0
16/06/2024 17:00					0.0
16/06/2024 17:10					0.0
16/06/2024 17:20					0.0
16/06/2024 17:30					0.0
16/06/2024 17:40					0.0
16/06/2024 17:50					0.0
16/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/06/2024 18:10					0.0
16/06/2024 18:20					0.0
16/06/2024 18:30					0.0
16/06/2024 18:40					0.0
16/06/2024 18:50					0.0
16/06/2024 19:00					0.0
16/06/2024 19:10					0.0
16/06/2024 19:20					0.0
16/06/2024 19:30					0.0
16/06/2024 19:40					0.0
16/06/2024 19:50					0.0
16/06/2024 20:00					0.0
16/06/2024 20:10					0.0
16/06/2024 20:20					0.0
16/06/2024 20:30					0.0
16/06/2024 20:40					0.0
16/06/2024 20:50					0.0
16/06/2024 21:00					0.0
16/06/2024 21:10					0.0
16/06/2024 21:20					0.0
16/06/2024 21:30					0.0
16/06/2024 21:40					0.0
16/06/2024 21:50					0.0
16/06/2024 22:00					0.0
16/06/2024 22:10					0.0
16/06/2024 22:20					0.0
16/06/2024 22:30					0.0
16/06/2024 22:40					0.0
16/06/2024 22:50					0.0
16/06/2024 23:00					0.0
16/06/2024 23:10					0.0
16/06/2024 23:20					0.0
16/06/2024 23:30					0.0
16/06/2024 23:40					0.0
16/06/2024 23:50					0.0
17/06/2024 0:00					0.0
17/06/2024 0:10					0.0
17/06/2024 0:20					0.0
17/06/2024 0:30					0.0
17/06/2024 0:40					0.0
17/06/2024 0:50					0.0
17/06/2024 1:00					0.0
17/06/2024 1:10					0.0
17/06/2024 1:20					0.0
17/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 1:40					0.0
17/06/2024 1:50					0.0
17/06/2024 2:00					0.0
17/06/2024 2:10					0.0
17/06/2024 2:20					0.0
17/06/2024 2:30					0.1
17/06/2024 2:40					0.0
17/06/2024 2:50					0.0
17/06/2024 3:00					0.0
17/06/2024 3:10					0.0
17/06/2024 3:20					0.0
17/06/2024 3:30					0.0
17/06/2024 3:40					0.0
17/06/2024 3:50					0.0
17/06/2024 4:00					0.0
17/06/2024 4:10					0.0
17/06/2024 4:20					0.0
17/06/2024 4:30					0.0
17/06/2024 4:40					0.0
17/06/2024 4:50					0.0
17/06/2024 5:00					0.0
17/06/2024 5:10					0.0
17/06/2024 5:20					0.0
17/06/2024 5:30					0.0
17/06/2024 5:40					0.0
17/06/2024 5:50					0.0
17/06/2024 6:00					0.0
17/06/2024 6:10					0.0
17/06/2024 6:20					0.0
17/06/2024 6:30					0.0
17/06/2024 6:40					0.0
17/06/2024 6:50					0.0
17/06/2024 7:00					0.0
17/06/2024 7:10					0.0
17/06/2024 7:20					0.0
17/06/2024 7:30					0.0
17/06/2024 7:40					0.0
17/06/2024 7:50					0.0
17/06/2024 8:00					0.0
17/06/2024 8:10					0.0
17/06/2024 8:20					0.0
17/06/2024 8:30					0.0
17/06/2024 8:40					0.0
17/06/2024 8:50					0.0
17/06/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 9:10					0.0
17/06/2024 9:20					0.0
17/06/2024 9:30					0.0
17/06/2024 9:40					0.0
17/06/2024 9:50					0.0
17/06/2024 10:00					0.0
17/06/2024 10:10					0.0
17/06/2024 10:20					0.0
17/06/2024 10:30					0.0
17/06/2024 10:40					0.0
17/06/2024 10:50					0.0
17/06/2024 11:00					0.0
17/06/2024 11:10					0.0
17/06/2024 11:20					0.0
17/06/2024 11:30					0.0
17/06/2024 11:40					0.0
17/06/2024 11:50					0.0
17/06/2024 12:00					0.0
17/06/2024 12:10					0.0
17/06/2024 12:20					0.0
17/06/2024 12:30					0.0
17/06/2024 12:40					0.0
17/06/2024 12:50					0.0
17/06/2024 13:00					0.0
17/06/2024 13:10					0.0
17/06/2024 13:20					0.0
17/06/2024 13:30					0.0
17/06/2024 13:40					0.0
17/06/2024 13:50					0.0
17/06/2024 14:00					0.0
17/06/2024 14:10					0.0
17/06/2024 14:20					0.0
17/06/2024 14:30					0.0
17/06/2024 14:40					0.0
17/06/2024 14:50					0.0
17/06/2024 15:00					0.0
17/06/2024 15:10					0.0
17/06/2024 15:20					0.0
17/06/2024 15:30					0.0
17/06/2024 15:40					0.0
17/06/2024 15:50					0.0
17/06/2024 16:00					0.0
17/06/2024 16:10					0.0
17/06/2024 16:20					0.0
17/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/06/2024 16:40					0.0
17/06/2024 16:50					0.0
17/06/2024 17:00					0.0
17/06/2024 17:10					0.0
17/06/2024 17:20					0.0
17/06/2024 17:30					0.0
17/06/2024 17:40					0.0
17/06/2024 17:50					0.0
17/06/2024 18:00					0.0
17/06/2024 18:10					0.0
17/06/2024 18:20					0.0
17/06/2024 18:30					0.0
17/06/2024 18:40					0.0
17/06/2024 18:50					0.0
17/06/2024 19:00					0.0
17/06/2024 19:10					0.0
17/06/2024 19:20					0.0
17/06/2024 19:30					0.0
17/06/2024 19:40					0.0
17/06/2024 19:50					0.0
17/06/2024 20:00					0.0
17/06/2024 20:10					0.0
17/06/2024 20:20					0.0
17/06/2024 20:30					0.0
17/06/2024 20:40					0.0
17/06/2024 20:50					0.0
17/06/2024 21:00					0.0
17/06/2024 21:10					0.0
17/06/2024 21:20					0.0
17/06/2024 21:30					0.0
17/06/2024 21:40					0.0
17/06/2024 21:50					0.0
17/06/2024 22:00					0.0
17/06/2024 22:10					0.0
17/06/2024 22:20					0.0
17/06/2024 22:30					0.0
17/06/2024 22:40					0.0
17/06/2024 22:50					0.0
17/06/2024 23:00					0.0
17/06/2024 23:10					0.0
17/06/2024 23:20					0.0
17/06/2024 23:30					0.0
17/06/2024 23:40					0.0
17/06/2024 23:50					0.0
18/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 0:10					0.0
18/06/2024 0:20					0.0
18/06/2024 0:30					0.0
18/06/2024 0:40					0.0
18/06/2024 0:50					0.0
18/06/2024 1:00					0.0
18/06/2024 1:10					0.0
18/06/2024 1:20					0.0
18/06/2024 1:30					0.0
18/06/2024 1:40					0.0
18/06/2024 1:50					0.0
18/06/2024 2:00					0.0
18/06/2024 2:10					0.0
18/06/2024 2:20					0.0
18/06/2024 2:30					0.0
18/06/2024 2:40					0.0
18/06/2024 2:50					0.0
18/06/2024 3:00					0.0
18/06/2024 3:10					0.0
18/06/2024 3:20					0.0
18/06/2024 3:30					0.0
18/06/2024 3:40					0.0
18/06/2024 3:50					0.0
18/06/2024 4:00					0.0
18/06/2024 4:10					0.0
18/06/2024 4:20					0.0
18/06/2024 4:30					0.0
18/06/2024 4:40					0.0
18/06/2024 4:50					0.0
18/06/2024 5:00					0.0
18/06/2024 5:10					0.0
18/06/2024 5:20					0.0
18/06/2024 5:30					0.0
18/06/2024 5:40					0.0
18/06/2024 5:50					0.0
18/06/2024 6:00					0.0
18/06/2024 6:10					0.0
18/06/2024 6:20					0.0
18/06/2024 6:30					0.0
18/06/2024 6:40					0.0
18/06/2024 6:50					0.0
18/06/2024 7:00					0.0
18/06/2024 7:10					0.0
18/06/2024 7:20					0.0
18/06/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 7:40					0.0
18/06/2024 7:50					0.0
18/06/2024 8:00					0.0
18/06/2024 8:10					0.0
18/06/2024 8:20					0.0
18/06/2024 8:30					0.0
18/06/2024 8:40					0.0
18/06/2024 8:50					0.0
18/06/2024 9:00					0.0
18/06/2024 9:10					0.0
18/06/2024 9:20					0.0
18/06/2024 9:30					0.0
18/06/2024 9:40					0.0
18/06/2024 9:50					0.0
18/06/2024 10:00					0.0
18/06/2024 10:10					0.0
18/06/2024 10:20					0.0
18/06/2024 10:30					0.0
18/06/2024 10:40					0.0
18/06/2024 10:50					0.0
18/06/2024 11:00					0.0
18/06/2024 11:10					0.0
18/06/2024 11:20					0.0
18/06/2024 11:30					0.0
18/06/2024 11:40					0.0
18/06/2024 11:50					0.0
18/06/2024 12:00					0.0
18/06/2024 12:10					0.0
18/06/2024 12:20					0.0
18/06/2024 12:30					0.0
18/06/2024 12:40					0.0
18/06/2024 12:50					0.0
18/06/2024 13:00					0.0
18/06/2024 13:10					0.0
18/06/2024 13:20					0.0
18/06/2024 13:30					0.0
18/06/2024 13:40					0.0
18/06/2024 13:50					0.0
18/06/2024 14:00					0.0
18/06/2024 14:10					0.0
18/06/2024 14:20					0.0
18/06/2024 14:30					0.0
18/06/2024 14:40					0.0
18/06/2024 14:50					0.0
18/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 15:10					0.0
18/06/2024 15:20					0.0
18/06/2024 15:30					0.0
18/06/2024 15:40					0.0
18/06/2024 15:50					0.0
18/06/2024 16:00					0.0
18/06/2024 16:10					0.0
18/06/2024 16:20					0.0
18/06/2024 16:30					0.0
18/06/2024 16:40					0.0
18/06/2024 16:50					0.0
18/06/2024 17:00					0.0
18/06/2024 17:10					0.0
18/06/2024 17:20					0.0
18/06/2024 17:30					0.0
18/06/2024 17:40					0.0
18/06/2024 17:50					0.0
18/06/2024 18:00					0.0
18/06/2024 18:10					0.0
18/06/2024 18:20					0.0
18/06/2024 18:30					0.0
18/06/2024 18:40					0.0
18/06/2024 18:50					0.0
18/06/2024 19:00					0.0
18/06/2024 19:10					0.0
18/06/2024 19:20					0.0
18/06/2024 19:30					0.0
18/06/2024 19:40					0.0
18/06/2024 19:50					0.0
18/06/2024 20:00					0.0
18/06/2024 20:10					0.0
18/06/2024 20:20					0.0
18/06/2024 20:30					0.0
18/06/2024 20:40					0.0
18/06/2024 20:50					0.0
18/06/2024 21:00					0.0
18/06/2024 21:10					0.0
18/06/2024 21:20					0.0
18/06/2024 21:30					0.0
18/06/2024 21:40					0.0
18/06/2024 21:50					0.0
18/06/2024 22:00					0.0
18/06/2024 22:10					0.0
18/06/2024 22:20					0.0
18/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/06/2024 22:40					0.0
18/06/2024 22:50					0.0
18/06/2024 23:00					0.0
18/06/2024 23:10					0.0
18/06/2024 23:20					0.0
18/06/2024 23:30					0.0
18/06/2024 23:40					0.0
18/06/2024 23:50					0.0
19/06/2024 0:00					0.0
19/06/2024 0:10					0.0
19/06/2024 0:20					0.0
19/06/2024 0:30					0.0
19/06/2024 0:40					0.0
19/06/2024 0:50					0.0
19/06/2024 1:00					0.0
19/06/2024 1:10					0.0
19/06/2024 1:20					0.0
19/06/2024 1:30					0.0
19/06/2024 1:40					0.0
19/06/2024 1:50					0.0
19/06/2024 2:00					0.0
19/06/2024 2:10					0.0
19/06/2024 2:20					0.0
19/06/2024 2:30					0.0
19/06/2024 2:40					0.0
19/06/2024 2:50					0.0
19/06/2024 3:00					0.0
19/06/2024 3:10					0.0
19/06/2024 3:20					0.0
19/06/2024 3:30					0.0
19/06/2024 3:40					0.0
19/06/2024 3:50					0.0
19/06/2024 4:00					0.0
19/06/2024 4:10					0.0
19/06/2024 4:20					0.0
19/06/2024 4:30					0.0
19/06/2024 4:40					0.0
19/06/2024 4:50					0.0
19/06/2024 5:00					0.0
19/06/2024 5:10					0.0
19/06/2024 5:20					0.0
19/06/2024 5:30					0.0
19/06/2024 5:40					0.0
19/06/2024 5:50					0.0
19/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 6:10					0.0
19/06/2024 6:20					0.0
19/06/2024 6:30					0.0
19/06/2024 6:40					0.0
19/06/2024 6:50					0.0
19/06/2024 7:00					0.0
19/06/2024 7:10					0.0
19/06/2024 7:20					0.0
19/06/2024 7:30					0.0
19/06/2024 7:40					0.0
19/06/2024 7:50					0.0
19/06/2024 8:00					0.0
19/06/2024 8:10					0.0
19/06/2024 8:20					0.0
19/06/2024 8:30					0.0
19/06/2024 8:40					0.0
19/06/2024 8:50					0.0
19/06/2024 9:00					0.0
19/06/2024 9:10					0.0
19/06/2024 9:20					0.0
19/06/2024 9:30					0.0
19/06/2024 9:40					0.0
19/06/2024 9:50					0.0
19/06/2024 10:00					0.0
19/06/2024 10:10					0.0
19/06/2024 10:20					0.0
19/06/2024 10:30					0.0
19/06/2024 10:40					0.0
19/06/2024 10:50					0.0
19/06/2024 11:00					0.0
19/06/2024 11:10					0.0
19/06/2024 11:20					0.0
19/06/2024 11:30					0.0
19/06/2024 11:40					0.0
19/06/2024 11:50					0.0
19/06/2024 12:00					0.0
19/06/2024 12:10					0.0
19/06/2024 12:20					0.0
19/06/2024 12:30					0.0
19/06/2024 12:40					0.0
19/06/2024 12:50					0.0
19/06/2024 13:00					0.0
19/06/2024 13:10					0.0
19/06/2024 13:20					0.0
19/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 13:40					0.0
19/06/2024 13:50					0.0
19/06/2024 14:00					0.0
19/06/2024 14:10					0.0
19/06/2024 14:20					0.0
19/06/2024 14:30					0.0
19/06/2024 14:40					0.0
19/06/2024 14:50					0.0
19/06/2024 15:00					0.0
19/06/2024 15:10					0.0
19/06/2024 15:20					0.0
19/06/2024 15:30					0.0
19/06/2024 15:40					0.0
19/06/2024 15:50					0.0
19/06/2024 16:00					0.0
19/06/2024 16:10					0.0
19/06/2024 16:20					0.0
19/06/2024 16:30					0.0
19/06/2024 16:40					0.0
19/06/2024 16:50					0.0
19/06/2024 17:00					0.0
19/06/2024 17:10					0.0
19/06/2024 17:20					0.0
19/06/2024 17:30					0.0
19/06/2024 17:40					0.0
19/06/2024 17:50					0.0
19/06/2024 18:00					0.0
19/06/2024 18:10					0.0
19/06/2024 18:20					0.0
19/06/2024 18:30					0.0
19/06/2024 18:40					0.0
19/06/2024 18:50					0.0
19/06/2024 19:00					0.0
19/06/2024 19:10					0.0
19/06/2024 19:20					0.0
19/06/2024 19:30					0.0
19/06/2024 19:40					0.0
19/06/2024 19:50					0.0
19/06/2024 20:00					0.0
19/06/2024 20:10					0.0
19/06/2024 20:20					0.0
19/06/2024 20:30					0.0
19/06/2024 20:40					0.0
19/06/2024 20:50					0.0
19/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/06/2024 21:10					0.0
19/06/2024 21:20					0.1
19/06/2024 21:30					0.0
19/06/2024 21:40					0.1
19/06/2024 21:50					0.0
19/06/2024 22:00					0.0
19/06/2024 22:10					0.0
19/06/2024 22:20					0.0
19/06/2024 22:30					0.0
19/06/2024 22:40					0.0
19/06/2024 22:50					0.0
19/06/2024 23:00					0.1
19/06/2024 23:10					0.0
19/06/2024 23:20					0.1
19/06/2024 23:30					0.2
19/06/2024 23:40					0.0
19/06/2024 23:50					0.1
20/06/2024 0:00					0.0
20/06/2024 0:10					0.2
20/06/2024 0:20					0.1
20/06/2024 0:30					0.2
20/06/2024 0:40					0.3
20/06/2024 0:50					0.2
20/06/2024 1:00					0.3
20/06/2024 1:10					0.7
20/06/2024 1:20					0.4
20/06/2024 1:30					1.0
20/06/2024 1:40					0.2
20/06/2024 1:50					0.0
20/06/2024 2:00					0.0
20/06/2024 2:10					0.0
20/06/2024 2:20					0.0
20/06/2024 2:30					0.0
20/06/2024 2:40					0.0
20/06/2024 2:50					0.0
20/06/2024 3:00					0.0
20/06/2024 3:10					0.0
20/06/2024 3:20					0.0
20/06/2024 3:30					0.0
20/06/2024 3:40					0.0
20/06/2024 3:50					0.0
20/06/2024 4:00					0.0
20/06/2024 4:10					0.0
20/06/2024 4:20					0.0
20/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 4:40					0.0
20/06/2024 4:50					0.0
20/06/2024 5:00					0.0
20/06/2024 5:10					0.0
20/06/2024 5:20					0.0
20/06/2024 5:30					0.0
20/06/2024 5:40					0.0
20/06/2024 5:50					0.0
20/06/2024 6:00					0.0
20/06/2024 6:10					0.0
20/06/2024 6:20					0.0
20/06/2024 6:30					0.0
20/06/2024 6:40					0.0
20/06/2024 6:50					0.0
20/06/2024 7:00					0.0
20/06/2024 7:10					0.0
20/06/2024 7:20					0.0
20/06/2024 7:30					0.0
20/06/2024 7:40					0.0
20/06/2024 7:50					0.0
20/06/2024 8:00					0.0
20/06/2024 8:10					0.0
20/06/2024 8:20					0.0
20/06/2024 8:30					0.0
20/06/2024 8:40					0.0
20/06/2024 8:50					0.0
20/06/2024 9:00					0.0
20/06/2024 9:10					0.0
20/06/2024 9:20					0.0
20/06/2024 9:30					0.0
20/06/2024 9:40					0.0
20/06/2024 9:50					0.0
20/06/2024 10:00					0.0
20/06/2024 10:10					0.0
20/06/2024 10:20					0.0
20/06/2024 10:30					0.0
20/06/2024 10:40					0.0
20/06/2024 10:50					0.0
20/06/2024 11:00					0.0
20/06/2024 11:10					0.0
20/06/2024 11:20					0.0
20/06/2024 11:30					0.0
20/06/2024 11:40					0.0
20/06/2024 11:50					0.0
20/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 12:10					0.0
20/06/2024 12:20					0.0
20/06/2024 12:30					0.0
20/06/2024 12:40					0.0
20/06/2024 12:50					0.0
20/06/2024 13:00					0.0
20/06/2024 13:10					0.0
20/06/2024 13:20					0.0
20/06/2024 13:30					0.0
20/06/2024 13:40					0.0
20/06/2024 13:50					0.0
20/06/2024 14:00					0.0
20/06/2024 14:10					0.0
20/06/2024 14:20					0.0
20/06/2024 14:30					0.0
20/06/2024 14:40					0.0
20/06/2024 14:50					0.0
20/06/2024 15:00					0.0
20/06/2024 15:10					0.0
20/06/2024 15:20					0.0
20/06/2024 15:30					0.0
20/06/2024 15:40					0.0
20/06/2024 15:50					0.0
20/06/2024 16:00					0.0
20/06/2024 16:10					0.0
20/06/2024 16:20					0.0
20/06/2024 16:30					0.0
20/06/2024 16:40					0.0
20/06/2024 16:50					0.0
20/06/2024 17:00					0.0
20/06/2024 17:10					0.0
20/06/2024 17:20					0.0
20/06/2024 17:30					0.0
20/06/2024 17:40					0.0
20/06/2024 17:50					0.0
20/06/2024 18:00					0.0
20/06/2024 18:10					0.0
20/06/2024 18:20					0.0
20/06/2024 18:30					0.0
20/06/2024 18:40					0.0
20/06/2024 18:50					0.0
20/06/2024 19:00					0.0
20/06/2024 19:10					0.0
20/06/2024 19:20					0.0
20/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/06/2024 19:40					0.0
20/06/2024 19:50					0.0
20/06/2024 20:00					0.0
20/06/2024 20:10					0.0
20/06/2024 20:20					0.0
20/06/2024 20:30					0.0
20/06/2024 20:40					0.0
20/06/2024 20:50					0.0
20/06/2024 21:00					0.0
20/06/2024 21:10					0.0
20/06/2024 21:20					0.0
20/06/2024 21:30					0.0
20/06/2024 21:40					0.0
20/06/2024 21:50					0.0
20/06/2024 22:00					0.0
20/06/2024 22:10					0.0
20/06/2024 22:20					0.0
20/06/2024 22:30					0.0
20/06/2024 22:40					0.0
20/06/2024 22:50					0.0
20/06/2024 23:00					0.0
20/06/2024 23:10					0.0
20/06/2024 23:20					0.0
20/06/2024 23:30					0.0
20/06/2024 23:40					0.0
20/06/2024 23:50					0.0
21/06/2024 0:00					0.0
21/06/2024 0:10					0.0
21/06/2024 0:20					0.0
21/06/2024 0:30					0.0
21/06/2024 0:40					0.0
21/06/2024 0:50					0.0
21/06/2024 1:00					0.0
21/06/2024 1:10					0.0
21/06/2024 1:20					0.0
21/06/2024 1:30					0.0
21/06/2024 1:40					0.0
21/06/2024 1:50					0.0
21/06/2024 2:00					0.0
21/06/2024 2:10					0.0
21/06/2024 2:20					0.0
21/06/2024 2:30					0.0
21/06/2024 2:40					0.0
21/06/2024 2:50					0.0
21/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 3:10					0.0
21/06/2024 3:20					0.0
21/06/2024 3:30					0.0
21/06/2024 3:40					0.0
21/06/2024 3:50					0.0
21/06/2024 4:00					0.0
21/06/2024 4:10					0.0
21/06/2024 4:20					0.0
21/06/2024 4:30					0.0
21/06/2024 4:40					0.0
21/06/2024 4:50					0.0
21/06/2024 5:00					0.0
21/06/2024 5:10					0.0
21/06/2024 5:20					0.0
21/06/2024 5:30					0.0
21/06/2024 5:40					0.0
21/06/2024 5:50					0.0
21/06/2024 6:00					0.0
21/06/2024 6:10					0.0
21/06/2024 6:20					0.0
21/06/2024 6:30					0.0
21/06/2024 6:40					0.0
21/06/2024 6:50					0.0
21/06/2024 7:00					0.0
21/06/2024 7:10					0.0
21/06/2024 7:20					0.0
21/06/2024 7:30					0.0
21/06/2024 7:40					0.0
21/06/2024 7:50					0.0
21/06/2024 8:00					0.0
21/06/2024 8:10					0.0
21/06/2024 8:20					0.0
21/06/2024 8:30					0.0
21/06/2024 8:40					0.0
21/06/2024 8:50					0.0
21/06/2024 9:00					0.0
21/06/2024 9:10					0.0
21/06/2024 9:20					0.0
21/06/2024 9:30					0.0
21/06/2024 9:40					0.0
21/06/2024 9:50					0.0
21/06/2024 10:00					0.0
21/06/2024 10:10					0.0
21/06/2024 10:20					0.0
21/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 10:40					0.0
21/06/2024 10:50					0.0
21/06/2024 11:00					0.0
21/06/2024 11:10					0.0
21/06/2024 11:20					0.0
21/06/2024 11:30					0.0
21/06/2024 11:40					0.0
21/06/2024 11:50					0.0
21/06/2024 12:00					0.0
21/06/2024 12:10					0.0
21/06/2024 12:20					0.0
21/06/2024 12:30					0.0
21/06/2024 12:40					0.0
21/06/2024 12:50					0.0
21/06/2024 13:00					0.0
21/06/2024 13:10					0.0
21/06/2024 13:20					0.0
21/06/2024 13:30					0.0
21/06/2024 13:40					0.0
21/06/2024 13:50					0.0
21/06/2024 14:00					0.0
21/06/2024 14:10					0.0
21/06/2024 14:20					0.0
21/06/2024 14:30					0.0
21/06/2024 14:40					0.0
21/06/2024 14:50					0.0
21/06/2024 15:00					0.0
21/06/2024 15:10					0.0
21/06/2024 15:20					0.0
21/06/2024 15:30					0.0
21/06/2024 15:40					0.0
21/06/2024 15:50					0.0
21/06/2024 16:00					0.0
21/06/2024 16:10					0.0
21/06/2024 16:20					0.0
21/06/2024 16:30					0.0
21/06/2024 16:40					0.0
21/06/2024 16:50					0.0
21/06/2024 17:00					0.0
21/06/2024 17:10					0.0
21/06/2024 17:20					0.0
21/06/2024 17:30					0.0
21/06/2024 17:40					0.0
21/06/2024 17:50					0.0
21/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/06/2024 18:10					0.0
21/06/2024 18:20					0.0
21/06/2024 18:30					0.0
21/06/2024 18:40					0.0
21/06/2024 18:50					0.0
21/06/2024 19:00					0.0
21/06/2024 19:10					0.0
21/06/2024 19:20					0.0
21/06/2024 19:30					0.0
21/06/2024 19:40					0.0
21/06/2024 19:50					0.0
21/06/2024 20:00					0.0
21/06/2024 20:10					0.0
21/06/2024 20:20					0.0
21/06/2024 20:30					0.0
21/06/2024 20:40					0.0
21/06/2024 20:50					0.0
21/06/2024 21:00					0.0
21/06/2024 21:10					0.0
21/06/2024 21:20					0.0
21/06/2024 21:30					0.0
21/06/2024 21:40					0.0
21/06/2024 21:50					0.0
21/06/2024 22:00					0.0
21/06/2024 22:10					0.0
21/06/2024 22:20					0.0
21/06/2024 22:30					0.0
21/06/2024 22:40					0.0
21/06/2024 22:50					0.0
21/06/2024 23:00					0.0
21/06/2024 23:10					0.0
21/06/2024 23:20					0.0
21/06/2024 23:30					0.0
21/06/2024 23:40					0.0
21/06/2024 23:50					0.0
22/06/2024 0:00					0.0
22/06/2024 0:10					0.0
22/06/2024 0:20					0.0
22/06/2024 0:30					0.0
22/06/2024 0:40					0.0
22/06/2024 0:50					0.0
22/06/2024 1:00					0.0
22/06/2024 1:10					0.0
22/06/2024 1:20					0.0
22/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 1:40					0.0
22/06/2024 1:50					0.0
22/06/2024 2:00					0.0
22/06/2024 2:10					0.0
22/06/2024 2:20					0.0
22/06/2024 2:30					0.0
22/06/2024 2:40					0.0
22/06/2024 2:50					0.0
22/06/2024 3:00					0.0
22/06/2024 3:10					0.0
22/06/2024 3:20					0.0
22/06/2024 3:30					0.0
22/06/2024 3:40					0.0
22/06/2024 3:50					0.0
22/06/2024 4:00					0.0
22/06/2024 4:10					0.0
22/06/2024 4:20					0.0
22/06/2024 4:30					0.0
22/06/2024 4:40					0.0
22/06/2024 4:50					0.0
22/06/2024 5:00					0.0
22/06/2024 5:10					0.0
22/06/2024 5:20					0.0
22/06/2024 5:30					0.0
22/06/2024 5:40					0.0
22/06/2024 5:50					0.0
22/06/2024 6:00					0.0
22/06/2024 6:10					0.0
22/06/2024 6:20					0.0
22/06/2024 6:30					0.0
22/06/2024 6:40					0.0
22/06/2024 6:50					0.0
22/06/2024 7:00					0.0
22/06/2024 7:10					0.0
22/06/2024 7:20					0.0
22/06/2024 7:30					0.0
22/06/2024 7:40					0.0
22/06/2024 7:50					0.0
22/06/2024 8:00					0.0
22/06/2024 8:10					0.0
22/06/2024 8:20					0.0
22/06/2024 8:30					0.0
22/06/2024 8:40					0.0
22/06/2024 8:50					0.0
22/06/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 9:10					0.0
22/06/2024 9:20					0.0
22/06/2024 9:30					0.0
22/06/2024 9:40					0.0
22/06/2024 9:50					0.0
22/06/2024 10:00					0.0
22/06/2024 10:10					0.0
22/06/2024 10:20					0.0
22/06/2024 10:30					0.0
22/06/2024 10:40					0.0
22/06/2024 10:50					0.0
22/06/2024 11:00					0.0
22/06/2024 11:10					0.0
22/06/2024 11:20					0.0
22/06/2024 11:30					0.0
22/06/2024 11:40					0.0
22/06/2024 11:50					0.0
22/06/2024 12:00					0.0
22/06/2024 12:10					0.0
22/06/2024 12:20					0.0
22/06/2024 12:30					0.0
22/06/2024 12:40					0.0
22/06/2024 12:50					0.0
22/06/2024 13:00					0.0
22/06/2024 13:10					0.0
22/06/2024 13:20					0.0
22/06/2024 13:30					0.0
22/06/2024 13:40					0.0
22/06/2024 13:50					0.0
22/06/2024 14:00					0.0
22/06/2024 14:10					0.0
22/06/2024 14:20					0.0
22/06/2024 14:30					0.0
22/06/2024 14:40					0.0
22/06/2024 14:50					0.0
22/06/2024 15:00					0.0
22/06/2024 15:10					0.0
22/06/2024 15:20					0.0
22/06/2024 15:30					0.0
22/06/2024 15:40					0.0
22/06/2024 15:50					0.0
22/06/2024 16:00					0.0
22/06/2024 16:10					0.0
22/06/2024 16:20					0.0
22/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/06/2024 16:40					0.0
22/06/2024 16:50					0.0
22/06/2024 17:00					0.0
22/06/2024 17:10					0.0
22/06/2024 17:20					0.0
22/06/2024 17:30					0.0
22/06/2024 17:40					0.0
22/06/2024 17:50					0.0
22/06/2024 18:00					0.0
22/06/2024 18:10					0.0
22/06/2024 18:20					0.0
22/06/2024 18:30					0.0
22/06/2024 18:40					0.0
22/06/2024 18:50					0.0
22/06/2024 19:00					0.0
22/06/2024 19:10					0.0
22/06/2024 19:20					0.0
22/06/2024 19:30					0.0
22/06/2024 19:40					0.0
22/06/2024 19:50					0.0
22/06/2024 20:00					0.0
22/06/2024 20:10					0.0
22/06/2024 20:20					0.0
22/06/2024 20:30					0.0
22/06/2024 20:40					0.0
22/06/2024 20:50					0.0
22/06/2024 21:00					0.0
22/06/2024 21:10					0.0
22/06/2024 21:20					0.0
22/06/2024 21:30					0.0
22/06/2024 21:40					0.0
22/06/2024 21:50					0.0
22/06/2024 22:00					0.0
22/06/2024 22:10					0.0
22/06/2024 22:20					0.0
22/06/2024 22:30					0.0
22/06/2024 22:40					0.0
22/06/2024 22:50					0.0
22/06/2024 23:00					0.0
22/06/2024 23:10					0.0
22/06/2024 23:20					0.0
22/06/2024 23:30					0.0
22/06/2024 23:40					0.0
22/06/2024 23:50					0.0
23/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 0:10					0.0
23/06/2024 0:20					0.0
23/06/2024 0:30					0.0
23/06/2024 0:40					0.0
23/06/2024 0:50					0.0
23/06/2024 1:00					0.0
23/06/2024 1:10					0.0
23/06/2024 1:20					0.0
23/06/2024 1:30					0.0
23/06/2024 1:40					0.0
23/06/2024 1:50					0.0
23/06/2024 2:00					0.0
23/06/2024 2:10					0.0
23/06/2024 2:20					0.0
23/06/2024 2:30					0.0
23/06/2024 2:40					0.0
23/06/2024 2:50					0.0
23/06/2024 3:00					0.0
23/06/2024 3:10					0.0
23/06/2024 3:20					0.0
23/06/2024 3:30					0.0
23/06/2024 3:40					0.0
23/06/2024 3:50					0.0
23/06/2024 4:00					0.0
23/06/2024 4:10					0.0
23/06/2024 4:20					0.0
23/06/2024 4:30					0.0
23/06/2024 4:40					0.0
23/06/2024 4:50					0.0
23/06/2024 5:00					0.0
23/06/2024 5:10					0.0
23/06/2024 5:20					0.0
23/06/2024 5:30					0.0
23/06/2024 5:40					0.0
23/06/2024 5:50					0.0
23/06/2024 6:00					0.0
23/06/2024 6:10					0.0
23/06/2024 6:20					0.0
23/06/2024 6:30					0.0
23/06/2024 6:40					0.0
23/06/2024 6:50					0.0
23/06/2024 7:00					0.0
23/06/2024 7:10					0.0
23/06/2024 7:20					0.0
23/06/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 7:40					0.0
23/06/2024 7:50					0.0
23/06/2024 8:00					0.0
23/06/2024 8:10					0.0
23/06/2024 8:20					0.0
23/06/2024 8:30					0.0
23/06/2024 8:40					0.0
23/06/2024 8:50					0.0
23/06/2024 9:00					0.0
23/06/2024 9:10					0.0
23/06/2024 9:20					0.0
23/06/2024 9:30					0.0
23/06/2024 9:40					0.0
23/06/2024 9:50					0.0
23/06/2024 10:00					0.0
23/06/2024 10:10					0.0
23/06/2024 10:20					0.0
23/06/2024 10:30					0.0
23/06/2024 10:40					0.0
23/06/2024 10:50					0.0
23/06/2024 11:00					0.0
23/06/2024 11:10					0.0
23/06/2024 11:20					0.0
23/06/2024 11:30					0.0
23/06/2024 11:40					0.0
23/06/2024 11:50					0.0
23/06/2024 12:00					0.0
23/06/2024 12:10					0.0
23/06/2024 12:20					0.0
23/06/2024 12:30					0.0
23/06/2024 12:40					0.0
23/06/2024 12:50					0.0
23/06/2024 13:00					0.0
23/06/2024 13:10					0.0
23/06/2024 13:20					0.0
23/06/2024 13:30					0.0
23/06/2024 13:40					0.0
23/06/2024 13:50					0.0
23/06/2024 14:00					0.0
23/06/2024 14:10					0.0
23/06/2024 14:20					0.0
23/06/2024 14:30					0.0
23/06/2024 14:40					0.0
23/06/2024 14:50					0.0
23/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 15:10					0.0
23/06/2024 15:20					0.0
23/06/2024 15:30					0.0
23/06/2024 15:40					0.0
23/06/2024 15:50					0.0
23/06/2024 16:00					0.0
23/06/2024 16:10					0.0
23/06/2024 16:20					0.0
23/06/2024 16:30					0.0
23/06/2024 16:40					0.0
23/06/2024 16:50					0.0
23/06/2024 17:00					0.0
23/06/2024 17:10					0.0
23/06/2024 17:20					0.0
23/06/2024 17:30					0.0
23/06/2024 17:40					0.0
23/06/2024 17:50					0.0
23/06/2024 18:00					0.0
23/06/2024 18:10					0.0
23/06/2024 18:20					0.0
23/06/2024 18:30					0.0
23/06/2024 18:40					0.0
23/06/2024 18:50					0.0
23/06/2024 19:00					0.0
23/06/2024 19:10					0.0
23/06/2024 19:20					0.0
23/06/2024 19:30					0.0
23/06/2024 19:40					0.0
23/06/2024 19:50					0.0
23/06/2024 20:00					0.0
23/06/2024 20:10					0.0
23/06/2024 20:20					0.0
23/06/2024 20:30					0.0
23/06/2024 20:40					0.0
23/06/2024 20:50					0.0
23/06/2024 21:00					0.0
23/06/2024 21:10					0.0
23/06/2024 21:20					0.0
23/06/2024 21:30					0.0
23/06/2024 21:40					0.0
23/06/2024 21:50					0.0
23/06/2024 22:00					0.0
23/06/2024 22:10					0.0
23/06/2024 22:20					0.0
23/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/06/2024 22:40					0.0
23/06/2024 22:50					0.0
23/06/2024 23:00					0.0
23/06/2024 23:10					0.0
23/06/2024 23:20					0.0
23/06/2024 23:30					0.0
23/06/2024 23:40					0.0
23/06/2024 23:50					0.0
24/06/2024 0:00					0.0
24/06/2024 0:10					0.0
24/06/2024 0:20					0.0
24/06/2024 0:30					0.0
24/06/2024 0:40					0.0
24/06/2024 0:50					0.0
24/06/2024 1:00					0.0
24/06/2024 1:10					0.0
24/06/2024 1:20					0.0
24/06/2024 1:30					0.0
24/06/2024 1:40					0.0
24/06/2024 1:50					0.0
24/06/2024 2:00					0.0
24/06/2024 2:10					0.0
24/06/2024 2:20					0.0
24/06/2024 2:30					0.0
24/06/2024 2:40					0.0
24/06/2024 2:50					0.0
24/06/2024 3:00					0.0
24/06/2024 3:10					0.0
24/06/2024 3:20					0.0
24/06/2024 3:30					0.0
24/06/2024 3:40					0.0
24/06/2024 3:50					0.0
24/06/2024 4:00					0.0
24/06/2024 4:10					0.0
24/06/2024 4:20					0.0
24/06/2024 4:30					0.0
24/06/2024 4:40					0.0
24/06/2024 4:50					0.0
24/06/2024 5:00					0.0
24/06/2024 5:10					0.0
24/06/2024 5:20					0.0
24/06/2024 5:30					0.0
24/06/2024 5:40					0.0
24/06/2024 5:50					0.0
24/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 6:10					0.0
24/06/2024 6:20					0.0
24/06/2024 6:30					0.0
24/06/2024 6:40					0.0
24/06/2024 6:50					0.0
24/06/2024 7:00					0.0
24/06/2024 7:10					0.0
24/06/2024 7:20					0.0
24/06/2024 7:30					0.0
24/06/2024 7:40					0.0
24/06/2024 7:50					0.0
24/06/2024 8:00					0.0
24/06/2024 8:10					0.0
24/06/2024 8:20					0.0
24/06/2024 8:30					0.0
24/06/2024 8:40					0.0
24/06/2024 8:50					0.0
24/06/2024 9:00					0.0
24/06/2024 9:10					0.0
24/06/2024 9:20					0.0
24/06/2024 9:30					0.0
24/06/2024 9:40					0.0
24/06/2024 9:50					0.0
24/06/2024 10:00					0.0
24/06/2024 10:10					0.0
24/06/2024 10:20					0.0
24/06/2024 10:30					0.0
24/06/2024 10:40					0.0
24/06/2024 10:50					0.0
24/06/2024 11:00					0.0
24/06/2024 11:10					0.0
24/06/2024 11:20					0.0
24/06/2024 11:30					0.0
24/06/2024 11:40					0.0
24/06/2024 11:50					0.0
24/06/2024 12:00					0.0
24/06/2024 12:10					0.0
24/06/2024 12:20					0.0
24/06/2024 12:30					0.0
24/06/2024 12:40					0.0
24/06/2024 12:50					0.0
24/06/2024 13:00					0.0
24/06/2024 13:10					0.0
24/06/2024 13:20					0.0
24/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 13:40					0.0
24/06/2024 13:50					0.0
24/06/2024 14:00					0.0
24/06/2024 14:10					0.0
24/06/2024 14:20					0.0
24/06/2024 14:30					0.0
24/06/2024 14:40					0.0
24/06/2024 14:50					0.0
24/06/2024 15:00					0.0
24/06/2024 15:10					0.0
24/06/2024 15:20					0.0
24/06/2024 15:30					0.0
24/06/2024 15:40					0.0
24/06/2024 15:50					0.0
24/06/2024 16:00					0.0
24/06/2024 16:10					0.0
24/06/2024 16:20					0.0
24/06/2024 16:30					0.0
24/06/2024 16:40					0.0
24/06/2024 16:50					0.0
24/06/2024 17:00					0.0
24/06/2024 17:10					0.0
24/06/2024 17:20					0.0
24/06/2024 17:30					0.0
24/06/2024 17:40					0.0
24/06/2024 17:50					0.0
24/06/2024 18:00					0.0
24/06/2024 18:10					0.0
24/06/2024 18:20					0.0
24/06/2024 18:30					0.0
24/06/2024 18:40					0.0
24/06/2024 18:50					0.0
24/06/2024 19:00					0.0
24/06/2024 19:10					0.0
24/06/2024 19:20					0.0
24/06/2024 19:30					0.0
24/06/2024 19:40					0.0
24/06/2024 19:50					0.0
24/06/2024 20:00					0.0
24/06/2024 20:10					0.0
24/06/2024 20:20					0.0
24/06/2024 20:30					0.0
24/06/2024 20:40					0.0
24/06/2024 20:50					0.0
24/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/06/2024 21:10					0.0
24/06/2024 21:20					0.0
24/06/2024 21:30					0.0
24/06/2024 21:40					0.0
24/06/2024 21:50					0.0
24/06/2024 22:00					0.0
24/06/2024 22:10					0.0
24/06/2024 22:20					0.0
24/06/2024 22:30					0.0
24/06/2024 22:40					0.0
24/06/2024 22:50					0.0
24/06/2024 23:00					0.0
24/06/2024 23:10					0.0
24/06/2024 23:20					0.0
24/06/2024 23:30					0.0
24/06/2024 23:40					0.0
24/06/2024 23:50					0.0
25/06/2024 0:00					0.0
25/06/2024 0:10					0.0
25/06/2024 0:20					0.0
25/06/2024 0:30					0.0
25/06/2024 0:40					0.0
25/06/2024 0:50					0.0
25/06/2024 1:00					0.0
25/06/2024 1:10					0.0
25/06/2024 1:20					0.0
25/06/2024 1:30					0.0
25/06/2024 1:40					0.0
25/06/2024 1:50					0.0
25/06/2024 2:00					0.0
25/06/2024 2:10					0.0
25/06/2024 2:20					0.0
25/06/2024 2:30					0.0
25/06/2024 2:40					0.0
25/06/2024 2:50					0.0
25/06/2024 3:00					0.0
25/06/2024 3:10					0.0
25/06/2024 3:20					0.0
25/06/2024 3:30					0.0
25/06/2024 3:40					0.0
25/06/2024 3:50					0.0
25/06/2024 4:00					0.0
25/06/2024 4:10					0.0
25/06/2024 4:20					0.0
25/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 4:40					0.0
25/06/2024 4:50					0.0
25/06/2024 5:00					0.0
25/06/2024 5:10					0.0
25/06/2024 5:20					0.0
25/06/2024 5:30					0.0
25/06/2024 5:40					0.0
25/06/2024 5:50					0.0
25/06/2024 6:00					0.0
25/06/2024 6:10					0.0
25/06/2024 6:20					0.0
25/06/2024 6:30					0.0
25/06/2024 6:40					0.0
25/06/2024 6:50					0.0
25/06/2024 7:00					0.0
25/06/2024 7:10					0.0
25/06/2024 7:20					0.0
25/06/2024 7:30					0.0
25/06/2024 7:40					0.0
25/06/2024 7:50					0.0
25/06/2024 8:00					0.0
25/06/2024 8:10					0.0
25/06/2024 8:20					0.0
25/06/2024 8:30					0.0
25/06/2024 8:40					0.0
25/06/2024 8:50					0.0
25/06/2024 9:00					0.0
25/06/2024 9:10					0.0
25/06/2024 9:20					0.0
25/06/2024 9:30					0.0
25/06/2024 9:40					0.0
25/06/2024 9:50					0.0
25/06/2024 10:00					0.0
25/06/2024 10:10					0.0
25/06/2024 10:20					0.0
25/06/2024 10:30					0.0
25/06/2024 10:40					0.0
25/06/2024 10:50					0.0
25/06/2024 11:00					0.0
25/06/2024 11:10					0.0
25/06/2024 11:20					0.0
25/06/2024 11:30					0.0
25/06/2024 11:40					0.0
25/06/2024 11:50					0.0
25/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 12:10					0.0
25/06/2024 12:20					0.0
25/06/2024 12:30					0.0
25/06/2024 12:40					0.0
25/06/2024 12:50					0.0
25/06/2024 13:00					0.0
25/06/2024 13:10					0.0
25/06/2024 13:20					0.0
25/06/2024 13:30					0.0
25/06/2024 13:40					0.0
25/06/2024 13:50					0.0
25/06/2024 14:00					0.0
25/06/2024 14:10					0.0
25/06/2024 14:20					0.0
25/06/2024 14:30					0.0
25/06/2024 14:40					0.0
25/06/2024 14:50					0.0
25/06/2024 15:00					0.0
25/06/2024 15:10					0.0
25/06/2024 15:20					0.0
25/06/2024 15:30					0.0
25/06/2024 15:40					0.0
25/06/2024 15:50					0.0
25/06/2024 16:00					0.0
25/06/2024 16:10					0.0
25/06/2024 16:20					0.0
25/06/2024 16:30					0.0
25/06/2024 16:40					0.0
25/06/2024 16:50					0.0
25/06/2024 17:00					0.0
25/06/2024 17:10					0.0
25/06/2024 17:20					0.0
25/06/2024 17:30					0.0
25/06/2024 17:40					0.0
25/06/2024 17:50					0.0
25/06/2024 18:00					0.0
25/06/2024 18:10					0.0
25/06/2024 18:20					0.0
25/06/2024 18:30					0.0
25/06/2024 18:40					0.0
25/06/2024 18:50					0.0
25/06/2024 19:00					0.0
25/06/2024 19:10					0.0
25/06/2024 19:20					0.0
25/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/06/2024 19:40					0.0
25/06/2024 19:50					0.0
25/06/2024 20:00					0.0
25/06/2024 20:10					0.0
25/06/2024 20:20					0.0
25/06/2024 20:30					0.0
25/06/2024 20:40					0.0
25/06/2024 20:50					0.0
25/06/2024 21:00					0.0
25/06/2024 21:10					0.0
25/06/2024 21:20					0.0
25/06/2024 21:30					0.0
25/06/2024 21:40					0.0
25/06/2024 21:50					0.0
25/06/2024 22:00					0.0
25/06/2024 22:10					0.0
25/06/2024 22:20					0.0
25/06/2024 22:30					0.0
25/06/2024 22:40					0.0
25/06/2024 22:50					0.0
25/06/2024 23:00					0.0
25/06/2024 23:10					0.0
25/06/2024 23:20					0.0
25/06/2024 23:30					0.0
25/06/2024 23:40					0.0
25/06/2024 23:50					0.0
26/06/2024 0:00					0.0
26/06/2024 0:10					0.0
26/06/2024 0:20					0.0
26/06/2024 0:30					0.0
26/06/2024 0:40					0.0
26/06/2024 0:50					0.0
26/06/2024 1:00					0.0
26/06/2024 1:10					0.0
26/06/2024 1:20					0.0
26/06/2024 1:30					0.0
26/06/2024 1:40					0.0
26/06/2024 1:50					0.0
26/06/2024 2:00					0.0
26/06/2024 2:10					0.0
26/06/2024 2:20					0.0
26/06/2024 2:30					0.0
26/06/2024 2:40					0.0
26/06/2024 2:50					0.0
26/06/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 3:10					0.0
26/06/2024 3:20					0.0
26/06/2024 3:30					0.0
26/06/2024 3:40					0.0
26/06/2024 3:50					0.0
26/06/2024 4:00					0.0
26/06/2024 4:10					0.0
26/06/2024 4:20					0.0
26/06/2024 4:30					0.0
26/06/2024 4:40					0.0
26/06/2024 4:50					0.0
26/06/2024 5:00					0.0
26/06/2024 5:10					0.0
26/06/2024 5:20					0.0
26/06/2024 5:30					0.0
26/06/2024 5:40					0.0
26/06/2024 5:50					0.0
26/06/2024 6:00					0.0
26/06/2024 6:10					0.0
26/06/2024 6:20					0.0
26/06/2024 6:30					0.0
26/06/2024 6:40					0.0
26/06/2024 6:50					0.0
26/06/2024 7:00					0.0
26/06/2024 7:10					0.0
26/06/2024 7:20					0.0
26/06/2024 7:30					0.0
26/06/2024 7:40					0.0
26/06/2024 7:50					0.0
26/06/2024 8:00					0.0
26/06/2024 8:10					0.0
26/06/2024 8:20					0.1
26/06/2024 8:30					0.0
26/06/2024 8:40					0.1
26/06/2024 8:50					0.1
26/06/2024 9:00					0.0
26/06/2024 9:10					0.0
26/06/2024 9:20					0.0
26/06/2024 9:30					0.0
26/06/2024 9:40					0.0
26/06/2024 9:50					0.0
26/06/2024 10:00					0.0
26/06/2024 10:10					0.0
26/06/2024 10:20					0.0
26/06/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 10:40					0.0
26/06/2024 10:50					0.0
26/06/2024 11:00					0.0
26/06/2024 11:10					0.0
26/06/2024 11:20					0.0
26/06/2024 11:30					0.0
26/06/2024 11:40					0.0
26/06/2024 11:50					0.0
26/06/2024 12:00					0.0
26/06/2024 12:10					0.0
26/06/2024 12:20					0.0
26/06/2024 12:30					0.0
26/06/2024 12:40					0.0
26/06/2024 12:50					0.0
26/06/2024 13:00					0.0
26/06/2024 13:10					0.0
26/06/2024 13:20					0.0
26/06/2024 13:30					0.0
26/06/2024 13:40					0.0
26/06/2024 13:50					0.0
26/06/2024 14:00					0.0
26/06/2024 14:10					0.0
26/06/2024 14:20					0.0
26/06/2024 14:30					0.0
26/06/2024 14:40					0.0
26/06/2024 14:50					0.0
26/06/2024 15:00					0.0
26/06/2024 15:10					0.0
26/06/2024 15:20					0.0
26/06/2024 15:30					0.0
26/06/2024 15:40					0.0
26/06/2024 15:50					0.0
26/06/2024 16:00					0.0
26/06/2024 16:10					0.0
26/06/2024 16:20					0.0
26/06/2024 16:30					0.0
26/06/2024 16:40					0.0
26/06/2024 16:50					0.0
26/06/2024 17:00					0.0
26/06/2024 17:10					0.0
26/06/2024 17:20					0.0
26/06/2024 17:30					0.0
26/06/2024 17:40					0.0
26/06/2024 17:50					0.0
26/06/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/06/2024 18:10					0.0
26/06/2024 18:20					0.0
26/06/2024 18:30					0.0
26/06/2024 18:40					0.0
26/06/2024 18:50					0.0
26/06/2024 19:00					0.0
26/06/2024 19:10					0.0
26/06/2024 19:20					0.0
26/06/2024 19:30					0.0
26/06/2024 19:40					0.0
26/06/2024 19:50					0.0
26/06/2024 20:00					0.0
26/06/2024 20:10					0.0
26/06/2024 20:20					0.0
26/06/2024 20:30					0.0
26/06/2024 20:40					0.0
26/06/2024 20:50					0.0
26/06/2024 21:00					0.0
26/06/2024 21:10					0.0
26/06/2024 21:20					0.0
26/06/2024 21:30					0.0
26/06/2024 21:40					0.0
26/06/2024 21:50					0.0
26/06/2024 22:00					0.0
26/06/2024 22:10					0.0
26/06/2024 22:20					0.0
26/06/2024 22:30					0.0
26/06/2024 22:40					0.0
26/06/2024 22:50					0.0
26/06/2024 23:00					0.0
26/06/2024 23:10					0.0
26/06/2024 23:20					0.0
26/06/2024 23:30					0.0
26/06/2024 23:40					0.0
26/06/2024 23:50					0.0
27/06/2024 0:00					0.0
27/06/2024 0:10					0.0
27/06/2024 0:20					0.0
27/06/2024 0:30					0.0
27/06/2024 0:40					0.0
27/06/2024 0:50					0.0
27/06/2024 1:00					0.0
27/06/2024 1:10					0.0
27/06/2024 1:20					0.0
27/06/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 1:40					0.0
27/06/2024 1:50					0.0
27/06/2024 2:00					0.0
27/06/2024 2:10					0.0
27/06/2024 2:20					0.0
27/06/2024 2:30					0.0
27/06/2024 2:40					0.0
27/06/2024 2:50					0.0
27/06/2024 3:00					0.0
27/06/2024 3:10					0.0
27/06/2024 3:20					0.0
27/06/2024 3:30					0.0
27/06/2024 3:40					0.0
27/06/2024 3:50					0.0
27/06/2024 4:00					0.0
27/06/2024 4:10					0.0
27/06/2024 4:20					0.0
27/06/2024 4:30					0.0
27/06/2024 4:40					0.0
27/06/2024 4:50					0.0
27/06/2024 5:00					0.0
27/06/2024 5:10					0.0
27/06/2024 5:20					0.0
27/06/2024 5:30					0.1
27/06/2024 5:40					0.0
27/06/2024 5:50					0.1
27/06/2024 6:00					0.0
27/06/2024 6:10					0.1
27/06/2024 6:20					0.3
27/06/2024 6:30					0.3
27/06/2024 6:40					0.1
27/06/2024 6:50					0.0
27/06/2024 7:00					0.2
27/06/2024 7:10					0.0
27/06/2024 7:20					0.0
27/06/2024 7:30					0.5
27/06/2024 7:40					0.7
27/06/2024 7:50					0.1
27/06/2024 8:00					0.1
27/06/2024 8:10					0.0
27/06/2024 8:20					0.3
27/06/2024 8:30					0.1
27/06/2024 8:40					0.3
27/06/2024 8:50					0.8
27/06/2024 9:00					0.1



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 9:10					0.3
27/06/2024 9:20					1.0
27/06/2024 9:30					0.8
27/06/2024 9:40					0.5
27/06/2024 9:50					0.6
27/06/2024 10:00					0.3
27/06/2024 10:10					0.2
27/06/2024 10:20					0.0
27/06/2024 10:30					0.2
27/06/2024 10:40					0.1
27/06/2024 10:50					0.0
27/06/2024 11:00					0.0
27/06/2024 11:10					0.0
27/06/2024 11:20					0.0
27/06/2024 11:30					0.0
27/06/2024 11:40					0.0
27/06/2024 11:50					0.0
27/06/2024 12:00					0.0
27/06/2024 12:10					0.0
27/06/2024 12:20					0.0
27/06/2024 12:30					0.0
27/06/2024 12:40					0.0
27/06/2024 12:50					0.0
27/06/2024 13:00					0.0
27/06/2024 13:10					0.0
27/06/2024 13:20					0.0
27/06/2024 13:30					0.0
27/06/2024 13:40					0.0
27/06/2024 13:50					0.0
27/06/2024 14:00					0.0
27/06/2024 14:10					0.0
27/06/2024 14:20					0.0
27/06/2024 14:30					0.0
27/06/2024 14:40					0.0
27/06/2024 14:50					0.0
27/06/2024 15:00					0.0
27/06/2024 15:10					0.0
27/06/2024 15:20					0.0
27/06/2024 15:30					0.0
27/06/2024 15:40					0.0
27/06/2024 15:50					0.0
27/06/2024 16:00					0.0
27/06/2024 16:10					0.0
27/06/2024 16:20					0.0
27/06/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/06/2024 16:40					0.0
27/06/2024 16:50					0.0
27/06/2024 17:00					0.0
27/06/2024 17:10					0.0
27/06/2024 17:20					0.0
27/06/2024 17:30					0.0
27/06/2024 17:40					0.0
27/06/2024 17:50					0.0
27/06/2024 18:00					0.0
27/06/2024 18:10					0.0
27/06/2024 18:20					0.0
27/06/2024 18:30					2.4
27/06/2024 18:40					2.4
27/06/2024 18:50					0.2
27/06/2024 19:00					0.0
27/06/2024 19:10					0.0
27/06/2024 19:20					0.0
27/06/2024 19:30					0.0
27/06/2024 19:40					0.0
27/06/2024 19:50					0.0
27/06/2024 20:00					0.0
27/06/2024 20:10					0.1
27/06/2024 20:20					0.0
27/06/2024 20:30					0.0
27/06/2024 20:40					0.0
27/06/2024 20:50					0.0
27/06/2024 21:00					0.0
27/06/2024 21:10					0.0
27/06/2024 21:20					0.0
27/06/2024 21:30					0.0
27/06/2024 21:40					0.0
27/06/2024 21:50					0.0
27/06/2024 22:00					0.0
27/06/2024 22:10					0.0
27/06/2024 22:20					0.0
27/06/2024 22:30					0.0
27/06/2024 22:40					0.0
27/06/2024 22:50					0.0
27/06/2024 23:00					0.2
27/06/2024 23:10					0.0
27/06/2024 23:20					0.2
27/06/2024 23:30					0.2
27/06/2024 23:40					0.0
27/06/2024 23:50					0.1
28/06/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 0:10					0.0
28/06/2024 0:20					0.0
28/06/2024 0:30					0.0
28/06/2024 0:40					0.0
28/06/2024 0:50					0.0
28/06/2024 1:00					0.0
28/06/2024 1:10					0.0
28/06/2024 1:20					0.0
28/06/2024 1:30					0.0
28/06/2024 1:40					0.0
28/06/2024 1:50					0.0
28/06/2024 2:00					0.0
28/06/2024 2:10					0.0
28/06/2024 2:20					0.0
28/06/2024 2:30					0.0
28/06/2024 2:40					0.0
28/06/2024 2:50					0.0
28/06/2024 3:00					0.0
28/06/2024 3:10					0.0
28/06/2024 3:20					0.0
28/06/2024 3:30					0.0
28/06/2024 3:40					0.0
28/06/2024 3:50					0.0
28/06/2024 4:00					0.0
28/06/2024 4:10					0.0
28/06/2024 4:20					0.0
28/06/2024 4:30					0.0
28/06/2024 4:40					0.0
28/06/2024 4:50					0.0
28/06/2024 5:00					0.0
28/06/2024 5:10					0.0
28/06/2024 5:20					0.0
28/06/2024 5:30					0.0
28/06/2024 5:40					0.0
28/06/2024 5:50					0.0
28/06/2024 6:00					0.0
28/06/2024 6:10					0.0
28/06/2024 6:20					0.0
28/06/2024 6:30					0.0
28/06/2024 6:40					0.0
28/06/2024 6:50					0.0
28/06/2024 7:00					0.0
28/06/2024 7:10					0.0
28/06/2024 7:20					0.0
28/06/2024 7:30					0.1



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 7:40					0.0
28/06/2024 7:50					0.1
28/06/2024 8:00					0.0
28/06/2024 8:10					0.0
28/06/2024 8:20					0.0
28/06/2024 8:30					0.0
28/06/2024 8:40					0.0
28/06/2024 8:50					0.0
28/06/2024 9:00					0.0
28/06/2024 9:10					0.1
28/06/2024 9:20					0.1
28/06/2024 9:30					0.0
28/06/2024 9:40					0.0
28/06/2024 9:50					0.0
28/06/2024 10:00					0.0
28/06/2024 10:10					0.0
28/06/2024 10:20					0.0
28/06/2024 10:30					0.0
28/06/2024 10:40					0.0
28/06/2024 10:50					0.0
28/06/2024 11:00					0.0
28/06/2024 11:10					0.0
28/06/2024 11:20					0.0
28/06/2024 11:30					0.0
28/06/2024 11:40					0.0
28/06/2024 11:50					0.0
28/06/2024 12:00					0.0
28/06/2024 12:10					0.0
28/06/2024 12:20					0.0
28/06/2024 12:30					0.0
28/06/2024 12:40					0.0
28/06/2024 12:50					0.0
28/06/2024 13:00					0.0
28/06/2024 13:10					0.0
28/06/2024 13:20					0.0
28/06/2024 13:30					0.0
28/06/2024 13:40					0.0
28/06/2024 13:50					0.0
28/06/2024 14:00					0.0
28/06/2024 14:10					0.0
28/06/2024 14:20					0.0
28/06/2024 14:30					0.0
28/06/2024 14:40					0.0
28/06/2024 14:50					0.0
28/06/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 15:10					0.0
28/06/2024 15:20					0.0
28/06/2024 15:30					0.0
28/06/2024 15:40					0.0
28/06/2024 15:50					0.0
28/06/2024 16:00					0.0
28/06/2024 16:10					0.0
28/06/2024 16:20					0.0
28/06/2024 16:30					0.0
28/06/2024 16:40					0.0
28/06/2024 16:50					0.0
28/06/2024 17:00					0.0
28/06/2024 17:10					0.0
28/06/2024 17:20					0.0
28/06/2024 17:30					0.0
28/06/2024 17:40					0.0
28/06/2024 17:50					0.0
28/06/2024 18:00					0.0
28/06/2024 18:10					0.0
28/06/2024 18:20					0.0
28/06/2024 18:30					0.0
28/06/2024 18:40					0.0
28/06/2024 18:50					0.0
28/06/2024 19:00					0.0
28/06/2024 19:10					0.0
28/06/2024 19:20					0.0
28/06/2024 19:30					0.0
28/06/2024 19:40					0.0
28/06/2024 19:50					0.0
28/06/2024 20:00					0.0
28/06/2024 20:10					0.0
28/06/2024 20:20					0.0
28/06/2024 20:30					0.0
28/06/2024 20:40					0.0
28/06/2024 20:50					0.0
28/06/2024 21:00					0.0
28/06/2024 21:10					0.0
28/06/2024 21:20					0.0
28/06/2024 21:30					0.0
28/06/2024 21:40					0.0
28/06/2024 21:50					0.0
28/06/2024 22:00					0.0
28/06/2024 22:10					0.0
28/06/2024 22:20					0.0
28/06/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/06/2024 22:40					0.0
28/06/2024 22:50					0.0
28/06/2024 23:00					0.0
28/06/2024 23:10					0.0
28/06/2024 23:20					0.0
28/06/2024 23:30					0.0
28/06/2024 23:40					0.0
28/06/2024 23:50					0.0
29/06/2024 0:00					0.0
29/06/2024 0:10					0.0
29/06/2024 0:20					0.0
29/06/2024 0:30					0.0
29/06/2024 0:40					0.0
29/06/2024 0:50					0.0
29/06/2024 1:00					0.0
29/06/2024 1:10					0.0
29/06/2024 1:20					0.0
29/06/2024 1:30					0.0
29/06/2024 1:40					0.0
29/06/2024 1:50					0.0
29/06/2024 2:00					0.0
29/06/2024 2:10					0.0
29/06/2024 2:20					0.0
29/06/2024 2:30					0.0
29/06/2024 2:40					0.0
29/06/2024 2:50					0.0
29/06/2024 3:00					0.0
29/06/2024 3:10					0.0
29/06/2024 3:20					0.0
29/06/2024 3:30					0.0
29/06/2024 3:40					0.0
29/06/2024 3:50					0.0
29/06/2024 4:00					0.0
29/06/2024 4:10					0.0
29/06/2024 4:20					0.0
29/06/2024 4:30					0.0
29/06/2024 4:40					0.0
29/06/2024 4:50					0.0
29/06/2024 5:00					0.0
29/06/2024 5:10					0.0
29/06/2024 5:20					0.0
29/06/2024 5:30					0.0
29/06/2024 5:40					0.0
29/06/2024 5:50					0.0
29/06/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 6:10					0.0
29/06/2024 6:20					0.0
29/06/2024 6:30					0.0
29/06/2024 6:40					0.0
29/06/2024 6:50					0.0
29/06/2024 7:00					0.0
29/06/2024 7:10					0.0
29/06/2024 7:20					0.0
29/06/2024 7:30					0.0
29/06/2024 7:40					0.0
29/06/2024 7:50					0.0
29/06/2024 8:00					0.0
29/06/2024 8:10					0.0
29/06/2024 8:20					0.0
29/06/2024 8:30					0.0
29/06/2024 8:40					0.0
29/06/2024 8:50					0.0
29/06/2024 9:00					0.0
29/06/2024 9:10					0.0
29/06/2024 9:20					0.0
29/06/2024 9:30					0.0
29/06/2024 9:40					0.0
29/06/2024 9:50					0.0
29/06/2024 10:00					0.0
29/06/2024 10:10					0.0
29/06/2024 10:20					0.0
29/06/2024 10:30					0.0
29/06/2024 10:40					0.0
29/06/2024 10:50					0.0
29/06/2024 11:00					0.0
29/06/2024 11:10					0.0
29/06/2024 11:20					0.0
29/06/2024 11:30					0.0
29/06/2024 11:40					0.0
29/06/2024 11:50					0.0
29/06/2024 12:00					0.0
29/06/2024 12:10					0.0
29/06/2024 12:20					0.0
29/06/2024 12:30					0.0
29/06/2024 12:40					0.0
29/06/2024 12:50					0.0
29/06/2024 13:00					0.0
29/06/2024 13:10					0.0
29/06/2024 13:20					0.0
29/06/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 13:40					0.0
29/06/2024 13:50					0.0
29/06/2024 14:00					0.0
29/06/2024 14:10					0.0
29/06/2024 14:20					0.0
29/06/2024 14:30					0.0
29/06/2024 14:40					0.0
29/06/2024 14:50					0.0
29/06/2024 15:00					0.0
29/06/2024 15:10					0.0
29/06/2024 15:20					0.0
29/06/2024 15:30					0.0
29/06/2024 15:40					0.0
29/06/2024 15:50					0.0
29/06/2024 16:00					0.0
29/06/2024 16:10					0.0
29/06/2024 16:20					0.0
29/06/2024 16:30					0.0
29/06/2024 16:40					0.0
29/06/2024 16:50					0.0
29/06/2024 17:00					0.0
29/06/2024 17:10					0.0
29/06/2024 17:20					0.0
29/06/2024 17:30					0.0
29/06/2024 17:40					0.0
29/06/2024 17:50					0.0
29/06/2024 18:00					0.0
29/06/2024 18:10					0.0
29/06/2024 18:20					0.0
29/06/2024 18:30					0.0
29/06/2024 18:40					0.0
29/06/2024 18:50					0.0
29/06/2024 19:00					0.0
29/06/2024 19:10					0.0
29/06/2024 19:20					0.0
29/06/2024 19:30					0.0
29/06/2024 19:40					0.0
29/06/2024 19:50					0.0
29/06/2024 20:00					0.0
29/06/2024 20:10					0.0
29/06/2024 20:20					0.0
29/06/2024 20:30					0.0
29/06/2024 20:40					0.0
29/06/2024 20:50					0.0
29/06/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/06/2024 21:10					0.0
29/06/2024 21:20					0.0
29/06/2024 21:30					0.0
29/06/2024 21:40					0.0
29/06/2024 21:50					0.0
29/06/2024 22:00					0.0
29/06/2024 22:10					0.0
29/06/2024 22:20					0.0
29/06/2024 22:30					0.0
29/06/2024 22:40					0.0
29/06/2024 22:50					0.0
29/06/2024 23:00					0.0
29/06/2024 23:10					0.0
29/06/2024 23:20					0.0
29/06/2024 23:30					0.0
29/06/2024 23:40					0.0
29/06/2024 23:50					0.0
30/06/2024 0:00					0.0
30/06/2024 0:10					0.0
30/06/2024 0:20					0.0
30/06/2024 0:30					0.0
30/06/2024 0:40					0.0
30/06/2024 0:50					0.0
30/06/2024 1:00					0.0
30/06/2024 1:10					0.0
30/06/2024 1:20					0.0
30/06/2024 1:30					0.0
30/06/2024 1:40					0.0
30/06/2024 1:50					0.0
30/06/2024 2:00					0.0
30/06/2024 2:10					0.0
30/06/2024 2:20					0.0
30/06/2024 2:30					0.0
30/06/2024 2:40					0.0
30/06/2024 2:50					0.0
30/06/2024 3:00					0.0
30/06/2024 3:10					0.0
30/06/2024 3:20					0.0
30/06/2024 3:30					0.0
30/06/2024 3:40					0.0
30/06/2024 3:50					0.0
30/06/2024 4:00					0.0
30/06/2024 4:10					0.0
30/06/2024 4:20					0.0
30/06/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 4:40					0.0
30/06/2024 4:50					0.0
30/06/2024 5:00					0.0
30/06/2024 5:10					0.0
30/06/2024 5:20					0.0
30/06/2024 5:30					0.0
30/06/2024 5:40					0.0
30/06/2024 5:50					0.0
30/06/2024 6:00					0.0
30/06/2024 6:10					0.0
30/06/2024 6:20					0.0
30/06/2024 6:30					0.0
30/06/2024 6:40					0.0
30/06/2024 6:50					0.0
30/06/2024 7:00					0.0
30/06/2024 7:10					0.0
30/06/2024 7:20					0.0
30/06/2024 7:30					0.0
30/06/2024 7:40					0.0
30/06/2024 7:50					0.0
30/06/2024 8:00					0.0
30/06/2024 8:10					0.0
30/06/2024 8:20					0.0
30/06/2024 8:30					0.0
30/06/2024 8:40					0.0
30/06/2024 8:50					0.0
30/06/2024 9:00					0.0
30/06/2024 9:10					0.0
30/06/2024 9:20					0.0
30/06/2024 9:30					0.0
30/06/2024 9:40					0.0
30/06/2024 9:50					0.0
30/06/2024 10:00					0.0
30/06/2024 10:10					0.0
30/06/2024 10:20					0.0
30/06/2024 10:30					0.0
30/06/2024 10:40					0.0
30/06/2024 10:50					0.0
30/06/2024 11:00					0.0
30/06/2024 11:10					0.0
30/06/2024 11:20					0.0
30/06/2024 11:30					0.0
30/06/2024 11:40					0.0
30/06/2024 11:50					0.0
30/06/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 12:10					0.0
30/06/2024 12:20					0.0
30/06/2024 12:30					0.0
30/06/2024 12:40					0.0
30/06/2024 12:50					0.0
30/06/2024 13:00					0.0
30/06/2024 13:10					0.0
30/06/2024 13:20					0.0
30/06/2024 13:30					0.0
30/06/2024 13:40					0.0
30/06/2024 13:50					0.0
30/06/2024 14:00					0.0
30/06/2024 14:10					0.0
30/06/2024 14:20					0.0
30/06/2024 14:30					0.0
30/06/2024 14:40					0.0
30/06/2024 14:50					0.0
30/06/2024 15:00					0.0
30/06/2024 15:10					0.0
30/06/2024 15:20					0.0
30/06/2024 15:30					0.0
30/06/2024 15:40					0.0
30/06/2024 15:50					0.0
30/06/2024 16:00					0.0
30/06/2024 16:10					0.0
30/06/2024 16:20					0.0
30/06/2024 16:30					0.0
30/06/2024 16:40					0.0
30/06/2024 16:50					0.0
30/06/2024 17:00					0.0
30/06/2024 17:10					0.0
30/06/2024 17:20					0.0
30/06/2024 17:30					0.0
30/06/2024 17:40					0.0
30/06/2024 17:50					0.0
30/06/2024 18:00					0.0
30/06/2024 18:10					0.0
30/06/2024 18:20					0.0
30/06/2024 18:30					0.0
30/06/2024 18:40					0.0
30/06/2024 18:50					0.0
30/06/2024 19:00					0.0
30/06/2024 19:10					0.0
30/06/2024 19:20					0.0
30/06/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/06/2024 19:40					0.0
30/06/2024 19:50					0.0
30/06/2024 20:00					0.0
30/06/2024 20:10					0.0
30/06/2024 20:20					0.0
30/06/2024 20:30					0.0
30/06/2024 20:40					0.0
30/06/2024 20:50					0.0
30/06/2024 21:00					0.0
30/06/2024 21:10					0.0
30/06/2024 21:20					0.0
30/06/2024 21:30					0.0
30/06/2024 21:40					0.0
30/06/2024 21:50					0.0
30/06/2024 22:00					0.0
30/06/2024 22:10					0.0
30/06/2024 22:20					0.0
30/06/2024 22:30					0.0
30/06/2024 22:40					0.0
30/06/2024 22:50					0.0
30/06/2024 23:00					0.0
30/06/2024 23:10					0.0
30/06/2024 23:20					0.0
30/06/2024 23:30					0.0
30/06/2024 23:40					0.0
30/06/2024 23:50					0.0
1/07/2024 0:00					0.0
1/07/2024 0:10					0.0
1/07/2024 0:20					0.0
1/07/2024 0:30					0.0
1/07/2024 0:40					0.0
1/07/2024 0:50					0.0
1/07/2024 1:00					0.0
1/07/2024 1:10					0.0
1/07/2024 1:20					0.0
1/07/2024 1:30					0.0
1/07/2024 1:40					0.0
1/07/2024 1:50					0.0
1/07/2024 2:00					0.0
1/07/2024 2:10					0.0
1/07/2024 2:20					0.0
1/07/2024 2:30					0.0
1/07/2024 2:40					0.0
1/07/2024 2:50					0.0
1/07/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/07/2024 3:10					0.0
1/07/2024 3:20					0.0
1/07/2024 3:30					0.0
1/07/2024 3:40					0.0
1/07/2024 3:50					0.0
1/07/2024 4:00					0.0
1/07/2024 4:10					0.0
1/07/2024 4:20					0.0
1/07/2024 4:30					0.0
1/07/2024 4:40					0.0
1/07/2024 4:50					0.0
1/07/2024 5:00					0.0
1/07/2024 5:10					0.0
1/07/2024 5:20					0.0
1/07/2024 5:30					0.0
1/07/2024 5:40					0.0
1/07/2024 5:50					0.0
1/07/2024 6:00					0.0
1/07/2024 6:10					0.0
1/07/2024 6:20					0.0
1/07/2024 6:30					0.0
1/07/2024 6:40					0.0
1/07/2024 6:50					0.0
1/07/2024 7:00					0.0
1/07/2024 7:10					0.0
1/07/2024 7:20					0.0
1/07/2024 7:30					0.0
1/07/2024 7:40					0.0
1/07/2024 7:50					0.0
1/07/2024 8:00					0.0
1/07/2024 8:10					0.0
1/07/2024 8:20					0.0
1/07/2024 8:30					0.0
1/07/2024 8:40					0.0
1/07/2024 8:50					0.0
1/07/2024 9:00					0.0
1/07/2024 9:10					0.0
1/07/2024 9:20					0.0
1/07/2024 9:30					0.0
1/07/2024 9:40					0.0
1/07/2024 9:50					0.0
1/07/2024 10:00					0.0
1/07/2024 10:10					0.0
1/07/2024 10:20					0.0
1/07/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/07/2024 10:40					0.0
1/07/2024 10:50					0.0
1/07/2024 11:00					0.0
1/07/2024 11:10					0.0
1/07/2024 11:20					0.0
1/07/2024 11:30					0.0
1/07/2024 11:40					0.0
1/07/2024 11:50					0.0
1/07/2024 12:00					0.0
1/07/2024 12:10					0.0
1/07/2024 12:20					0.0
1/07/2024 12:30					0.0
1/07/2024 12:40					0.0
1/07/2024 12:50					0.0
1/07/2024 13:00					0.0
1/07/2024 13:10					0.0
1/07/2024 13:20					0.0
1/07/2024 13:30					0.0
1/07/2024 13:40					0.0
1/07/2024 13:50					0.0
1/07/2024 14:00					0.0
1/07/2024 14:10					0.0
1/07/2024 14:20					0.0
1/07/2024 14:30					0.0
1/07/2024 14:40					0.0
1/07/2024 14:50					0.0
1/07/2024 15:00					0.0
1/07/2024 15:10					0.0
1/07/2024 15:20					0.0
1/07/2024 15:30					0.0
1/07/2024 15:40					0.0
1/07/2024 15:50					0.0
1/07/2024 16:00					0.0
1/07/2024 16:10					0.0
1/07/2024 16:20					0.0
1/07/2024 16:30					0.0
1/07/2024 16:40					0.0
1/07/2024 16:50					0.0
1/07/2024 17:00					0.0
1/07/2024 17:10					0.0
1/07/2024 17:20					0.0
1/07/2024 17:30					0.0
1/07/2024 17:40					0.0
1/07/2024 17:50					0.0
1/07/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/07/2024 18:10					0.0
1/07/2024 18:20					0.0
1/07/2024 18:30					0.0
1/07/2024 18:40					0.0
1/07/2024 18:50					0.0
1/07/2024 19:00					0.0
1/07/2024 19:10					0.0
1/07/2024 19:20					0.0
1/07/2024 19:30					0.0
1/07/2024 19:40					0.0
1/07/2024 19:50					0.0
1/07/2024 20:00					0.0
1/07/2024 20:10					0.0
1/07/2024 20:20					0.0
1/07/2024 20:30					0.0
1/07/2024 20:40					0.0
1/07/2024 20:50					0.0
1/07/2024 21:00					0.0
1/07/2024 21:10					0.0
1/07/2024 21:20					0.0
1/07/2024 21:30					0.0
1/07/2024 21:40					0.0
1/07/2024 21:50					0.0
1/07/2024 22:00					0.0
1/07/2024 22:10					0.0
1/07/2024 22:20					0.0
1/07/2024 22:30					0.0
1/07/2024 22:40					0.0
1/07/2024 22:50					0.0
1/07/2024 23:00					0.0
1/07/2024 23:10					0.0
1/07/2024 23:20					0.0
1/07/2024 23:30					0.0
1/07/2024 23:40					0.0
1/07/2024 23:50					0.0
2/07/2024 0:00					0.0
2/07/2024 0:10					0.0
2/07/2024 0:20					0.0
2/07/2024 0:30					0.0
2/07/2024 0:40					0.0
2/07/2024 0:50					0.0
2/07/2024 1:00					0.0
2/07/2024 1:10					0.0
2/07/2024 1:20					0.0
2/07/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/07/2024 1:40					0.0
2/07/2024 1:50					0.0
2/07/2024 2:00					0.0
2/07/2024 2:10					0.0
2/07/2024 2:20					0.0
2/07/2024 2:30					0.0
2/07/2024 2:40					0.0
2/07/2024 2:50					0.0
2/07/2024 3:00					0.0
2/07/2024 3:10					0.0
2/07/2024 3:20					0.0
2/07/2024 3:30					0.0
2/07/2024 3:40					0.0
2/07/2024 3:50					0.0
2/07/2024 4:00					0.0
2/07/2024 4:10					0.0
2/07/2024 4:20					0.0
2/07/2024 4:30					0.0
2/07/2024 4:40					0.0
2/07/2024 4:50					0.0
2/07/2024 5:00					0.0
2/07/2024 5:10					0.0
2/07/2024 5:20					0.0
2/07/2024 5:30					0.0
2/07/2024 5:40					0.0
2/07/2024 5:50					0.0
2/07/2024 6:00					0.0
2/07/2024 6:10					0.0
2/07/2024 6:20					0.0
2/07/2024 6:30					0.0
2/07/2024 6:40					0.0
2/07/2024 6:50					0.0
2/07/2024 7:00					0.0
2/07/2024 7:10					0.0
2/07/2024 7:20					0.0
2/07/2024 7:30					0.0
2/07/2024 7:40					0.0
2/07/2024 7:50					0.0
2/07/2024 8:00					0.0
2/07/2024 8:10					0.0
2/07/2024 8:20					0.0
2/07/2024 8:30					0.0
2/07/2024 8:40					0.0
2/07/2024 8:50					0.0
2/07/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/07/2024 9:10					0.0
2/07/2024 9:20					0.0
2/07/2024 9:30					0.0
2/07/2024 9:40					0.0
2/07/2024 9:50					0.0
2/07/2024 10:00					0.0
2/07/2024 10:10					0.0
2/07/2024 10:20					0.0
2/07/2024 10:30					0.0
2/07/2024 10:40					0.0
2/07/2024 10:50					0.0
2/07/2024 11:00					0.0
2/07/2024 11:10					0.0
2/07/2024 11:20					0.0
2/07/2024 11:30					0.0
2/07/2024 11:40					0.0
2/07/2024 11:50					0.0
2/07/2024 12:00					0.0
2/07/2024 12:10					0.0
2/07/2024 12:20					0.0
2/07/2024 12:30					0.0
2/07/2024 12:40					0.0
2/07/2024 12:50					0.0
2/07/2024 13:00					0.0
2/07/2024 13:10					0.0
2/07/2024 13:20					0.0
2/07/2024 13:30					0.0
2/07/2024 13:40					0.0
2/07/2024 13:50					0.0
2/07/2024 14:00					0.0
2/07/2024 14:10					0.0
2/07/2024 14:20					0.0
2/07/2024 14:30					0.0
2/07/2024 14:40					0.0
2/07/2024 14:50					0.0
2/07/2024 15:00					0.0
2/07/2024 15:10					0.0
2/07/2024 15:20					0.0
2/07/2024 15:30					0.0
2/07/2024 15:40					0.0
2/07/2024 15:50					0.0
2/07/2024 16:00					0.0
2/07/2024 16:10					0.0
2/07/2024 16:20					0.0
2/07/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/07/2024 16:40					0.0
2/07/2024 16:50					0.0
2/07/2024 17:00					0.0
2/07/2024 17:10					0.0
2/07/2024 17:20					0.0
2/07/2024 17:30					0.0
2/07/2024 17:40					0.0
2/07/2024 17:50					0.0
2/07/2024 18:00					0.0
2/07/2024 18:10					0.0
2/07/2024 18:20					0.0
2/07/2024 18:30					0.0
2/07/2024 18:40					0.0
2/07/2024 18:50					0.0
2/07/2024 19:00					0.0
2/07/2024 19:10					0.0
2/07/2024 19:20					0.0
2/07/2024 19:30					0.0
2/07/2024 19:40					0.0
2/07/2024 19:50					0.0
2/07/2024 20:00					0.0
2/07/2024 20:10					0.0
2/07/2024 20:20					0.0
2/07/2024 20:30					0.0
2/07/2024 20:40					0.0
2/07/2024 20:50					0.0
2/07/2024 21:00					0.0
2/07/2024 21:10					0.0
2/07/2024 21:20					0.0
2/07/2024 21:30					0.0
2/07/2024 21:40					0.0
2/07/2024 21:50					0.0
2/07/2024 22:00					0.0
2/07/2024 22:10					0.0
2/07/2024 22:20					0.0
2/07/2024 22:30					0.0
2/07/2024 22:40					0.0
2/07/2024 22:50					0.0
2/07/2024 23:00					0.0
2/07/2024 23:10					0.0
2/07/2024 23:20					0.0
2/07/2024 23:30					0.0
2/07/2024 23:40					0.0
2/07/2024 23:50					0.0
3/07/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/07/2024 0:10					0.0
3/07/2024 0:20					0.0
3/07/2024 0:30					0.0
3/07/2024 0:40					0.0
3/07/2024 0:50					0.0
3/07/2024 1:00					0.0
3/07/2024 1:10					0.0
3/07/2024 1:20					0.0
3/07/2024 1:30					0.0
3/07/2024 1:40					0.0
3/07/2024 1:50					0.0
3/07/2024 2:00					0.0
3/07/2024 2:10					0.0
3/07/2024 2:20					0.0
3/07/2024 2:30					0.0
3/07/2024 2:40					0.0
3/07/2024 2:50					0.0
3/07/2024 3:00					0.0
3/07/2024 3:10					0.0
3/07/2024 3:20					0.0
3/07/2024 3:30					0.0
3/07/2024 3:40					0.0
3/07/2024 3:50					0.0
3/07/2024 4:00					0.0
3/07/2024 4:10					0.0
3/07/2024 4:20					0.0
3/07/2024 4:30					0.0
3/07/2024 4:40					0.0
3/07/2024 4:50					0.0
3/07/2024 5:00					0.0
3/07/2024 5:10					0.0
3/07/2024 5:20					0.0
3/07/2024 5:30					0.0
3/07/2024 5:40					0.0
3/07/2024 5:50					0.0
3/07/2024 6:00					0.0
3/07/2024 6:10					0.0
3/07/2024 6:20					0.0
3/07/2024 6:30					0.0
3/07/2024 6:40					0.0
3/07/2024 6:50					0.0
3/07/2024 7:00					0.0
3/07/2024 7:10					0.0
3/07/2024 7:20					0.0
3/07/2024 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/07/2024 7:40					0.0
3/07/2024 7:50					0.0
3/07/2024 8:00					0.0
3/07/2024 8:10					0.0
3/07/2024 8:20					0.0
3/07/2024 8:30					0.0
3/07/2024 8:40					0.0
3/07/2024 8:50					0.0
3/07/2024 9:00					0.0
3/07/2024 9:10					0.0
3/07/2024 9:20					0.0
3/07/2024 9:30					0.0
3/07/2024 9:40					0.0
3/07/2024 9:50					0.0
3/07/2024 10:00					0.0
3/07/2024 10:10					0.0
3/07/2024 10:20					0.0
3/07/2024 10:30					0.0
3/07/2024 10:40					0.0
3/07/2024 10:50					0.0
3/07/2024 11:00					0.0
3/07/2024 11:10					0.0
3/07/2024 11:20					0.0
3/07/2024 11:30					0.0
3/07/2024 11:40					0.0
3/07/2024 11:50					0.0
3/07/2024 12:00					0.0
3/07/2024 12:10					0.0
3/07/2024 12:20					0.0
3/07/2024 12:30					0.0
3/07/2024 12:40					0.0
3/07/2024 12:50					0.0
3/07/2024 13:00					0.0
3/07/2024 13:10					0.0
3/07/2024 13:20					0.0
3/07/2024 13:30					0.0
3/07/2024 13:40					0.0
3/07/2024 13:50					0.0
3/07/2024 14:00					0.0
3/07/2024 14:10					0.0
3/07/2024 14:20					0.0
3/07/2024 14:30					0.0
3/07/2024 14:40					0.0
3/07/2024 14:50					0.0
3/07/2024 15:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/07/2024 15:10					0.0
3/07/2024 15:20					0.0
3/07/2024 15:30					0.0
3/07/2024 15:40					0.0
3/07/2024 15:50					0.0
3/07/2024 16:00					0.0
3/07/2024 16:10					0.0
3/07/2024 16:20					0.0
3/07/2024 16:30					0.0
3/07/2024 16:40					0.0
3/07/2024 16:50					0.0
3/07/2024 17:00					0.0
3/07/2024 17:10					0.0
3/07/2024 17:20					0.0
3/07/2024 17:30					0.0
3/07/2024 17:40					0.0
3/07/2024 17:50					0.0
3/07/2024 18:00					0.0
3/07/2024 18:10					0.0
3/07/2024 18:20					0.0
3/07/2024 18:30					0.0
3/07/2024 18:40					0.0
3/07/2024 18:50					0.0
3/07/2024 19:00					0.0
3/07/2024 19:10					0.0
3/07/2024 19:20					0.0
3/07/2024 19:30					0.0
3/07/2024 19:40					0.0
3/07/2024 19:50					0.0
3/07/2024 20:00					0.0
3/07/2024 20:10					0.0
3/07/2024 20:20					0.0
3/07/2024 20:30					0.0
3/07/2024 20:40					0.0
3/07/2024 20:50					0.0
3/07/2024 21:00					0.0
3/07/2024 21:10					0.0
3/07/2024 21:20					0.0
3/07/2024 21:30					0.0
3/07/2024 21:40					0.0
3/07/2024 21:50					0.0
3/07/2024 22:00					0.0
3/07/2024 22:10					0.0
3/07/2024 22:20					0.0
3/07/2024 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/07/2024 22:40					0.0
3/07/2024 22:50					0.0
3/07/2024 23:00					0.0
3/07/2024 23:10					0.0
3/07/2024 23:20					0.0
3/07/2024 23:30					0.0
3/07/2024 23:40					0.0
3/07/2024 23:50					0.0
4/07/2024 0:00					0.0
4/07/2024 0:10					0.0
4/07/2024 0:20					0.0
4/07/2024 0:30					0.0
4/07/2024 0:40					0.0
4/07/2024 0:50					0.0
4/07/2024 1:00					0.0
4/07/2024 1:10					0.0
4/07/2024 1:20					0.0
4/07/2024 1:30					0.0
4/07/2024 1:40					0.0
4/07/2024 1:50					0.0
4/07/2024 2:00					0.0
4/07/2024 2:10					0.0
4/07/2024 2:20					0.0
4/07/2024 2:30					0.0
4/07/2024 2:40					0.0
4/07/2024 2:50					0.0
4/07/2024 3:00					0.0
4/07/2024 3:10					0.0
4/07/2024 3:20					0.0
4/07/2024 3:30					0.0
4/07/2024 3:40					0.0
4/07/2024 3:50					0.0
4/07/2024 4:00					0.0
4/07/2024 4:10					0.0
4/07/2024 4:20					0.0
4/07/2024 4:30					0.0
4/07/2024 4:40					0.0
4/07/2024 4:50					0.0
4/07/2024 5:00					0.0
4/07/2024 5:10					0.0
4/07/2024 5:20					0.0
4/07/2024 5:30					0.0
4/07/2024 5:40					0.0
4/07/2024 5:50					0.0
4/07/2024 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/07/2024 6:10					0.0
4/07/2024 6:20					0.0
4/07/2024 6:30					0.0
4/07/2024 6:40					0.0
4/07/2024 6:50					0.0
4/07/2024 7:00					0.0
4/07/2024 7:10					0.0
4/07/2024 7:20					0.0
4/07/2024 7:30					0.0
4/07/2024 7:40					0.0
4/07/2024 7:50					0.0
4/07/2024 8:00					0.0
4/07/2024 8:10					0.0
4/07/2024 8:20					0.0
4/07/2024 8:30					0.0
4/07/2024 8:40					0.0
4/07/2024 8:50					0.0
4/07/2024 9:00					0.0
4/07/2024 9:10					0.0
4/07/2024 9:20					0.0
4/07/2024 9:30					0.0
4/07/2024 9:40					0.0
4/07/2024 9:50					0.0
4/07/2024 10:00					0.0
4/07/2024 10:10					0.0
4/07/2024 10:20					0.0
4/07/2024 10:30					0.0
4/07/2024 10:40					0.0
4/07/2024 10:50					0.0
4/07/2024 11:00					0.0
4/07/2024 11:10					0.0
4/07/2024 11:20					0.0
4/07/2024 11:30					0.0
4/07/2024 11:40					0.0
4/07/2024 11:50					0.0
4/07/2024 12:00					0.0
4/07/2024 12:10					0.0
4/07/2024 12:20					0.0
4/07/2024 12:30					0.0
4/07/2024 12:40					0.0
4/07/2024 12:50					0.0
4/07/2024 13:00					0.0
4/07/2024 13:10					0.0
4/07/2024 13:20					0.0
4/07/2024 13:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/07/2024 13:40					0.0
4/07/2024 13:50					0.0
4/07/2024 14:00					0.0
4/07/2024 14:10					0.0
4/07/2024 14:20					0.0
4/07/2024 14:30					0.0
4/07/2024 14:40					0.0
4/07/2024 14:50					0.0
4/07/2024 15:00					0.0
4/07/2024 15:10					0.0
4/07/2024 15:20					0.0
4/07/2024 15:30					0.0
4/07/2024 15:40					0.0
4/07/2024 15:50					0.0
4/07/2024 16:00					0.0
4/07/2024 16:10					0.0
4/07/2024 16:20					0.0
4/07/2024 16:30					0.0
4/07/2024 16:40					0.0
4/07/2024 16:50					0.0
4/07/2024 17:00					0.0
4/07/2024 17:10					0.0
4/07/2024 17:20					0.0
4/07/2024 17:30					0.0
4/07/2024 17:40					0.0
4/07/2024 17:50					0.0
4/07/2024 18:00					0.0
4/07/2024 18:10					0.0
4/07/2024 18:20					0.0
4/07/2024 18:30					0.0
4/07/2024 18:40					0.0
4/07/2024 18:50					0.0
4/07/2024 19:00					0.0
4/07/2024 19:10					0.0
4/07/2024 19:20					0.0
4/07/2024 19:30					0.0
4/07/2024 19:40					0.0
4/07/2024 19:50					0.0
4/07/2024 20:00					0.0
4/07/2024 20:10					0.0
4/07/2024 20:20					0.0
4/07/2024 20:30					0.0
4/07/2024 20:40					0.0
4/07/2024 20:50					0.0
4/07/2024 21:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/07/2024 21:10					0.0
4/07/2024 21:20					0.0
4/07/2024 21:30					0.0
4/07/2024 21:40					0.0
4/07/2024 21:50					0.0
4/07/2024 22:00					0.0
4/07/2024 22:10					0.0
4/07/2024 22:20					0.0
4/07/2024 22:30					0.0
4/07/2024 22:40					0.0
4/07/2024 22:50					0.0
4/07/2024 23:00					0.0
4/07/2024 23:10					0.0
4/07/2024 23:20					0.0
4/07/2024 23:30					0.0
4/07/2024 23:40					0.0
4/07/2024 23:50					0.0
5/07/2024 0:00					0.0
5/07/2024 0:10					0.0
5/07/2024 0:20					0.0
5/07/2024 0:30					0.0
5/07/2024 0:40					0.0
5/07/2024 0:50					0.0
5/07/2024 1:00					0.0
5/07/2024 1:10					0.0
5/07/2024 1:20					0.0
5/07/2024 1:30					0.0
5/07/2024 1:40					0.0
5/07/2024 1:50					0.0
5/07/2024 2:00					0.0
5/07/2024 2:10					0.0
5/07/2024 2:20					0.0
5/07/2024 2:30					0.0
5/07/2024 2:40					0.0
5/07/2024 2:50					0.0
5/07/2024 3:00					0.0
5/07/2024 3:10					0.0
5/07/2024 3:20					0.0
5/07/2024 3:30					0.0
5/07/2024 3:40					0.0
5/07/2024 3:50					0.0
5/07/2024 4:00					0.0
5/07/2024 4:10					0.0
5/07/2024 4:20					0.0
5/07/2024 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/07/2024 4:40					0.0
5/07/2024 4:50					0.0
5/07/2024 5:00					0.0
5/07/2024 5:10					0.0
5/07/2024 5:20					0.0
5/07/2024 5:30					0.0
5/07/2024 5:40					0.0
5/07/2024 5:50					0.0
5/07/2024 6:00					0.0
5/07/2024 6:10					0.0
5/07/2024 6:20					0.0
5/07/2024 6:30					0.0
5/07/2024 6:40					0.0
5/07/2024 6:50					0.0
5/07/2024 7:00					0.0
5/07/2024 7:10					0.0
5/07/2024 7:20					0.0
5/07/2024 7:30					0.0
5/07/2024 7:40					0.0
5/07/2024 7:50					0.0
5/07/2024 8:00					0.0
5/07/2024 8:10					0.0
5/07/2024 8:20					0.0
5/07/2024 8:30					0.0
5/07/2024 8:40					0.0
5/07/2024 8:50					0.0
5/07/2024 9:00					0.0
5/07/2024 9:10					0.0
5/07/2024 9:20					0.0
5/07/2024 9:30					0.0
5/07/2024 9:40					0.0
5/07/2024 9:50					0.0
5/07/2024 10:00					0.0
5/07/2024 10:10					0.0
5/07/2024 10:20					0.0
5/07/2024 10:30					0.0
5/07/2024 10:40					0.0
5/07/2024 10:50					0.0
5/07/2024 11:00					0.0
5/07/2024 11:10					0.0
5/07/2024 11:20					0.0
5/07/2024 11:30					0.0
5/07/2024 11:40					0.0
5/07/2024 11:50					0.0
5/07/2024 12:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/07/2024 12:10					0.0
5/07/2024 12:20					0.0
5/07/2024 12:30					0.0
5/07/2024 12:40					0.0
5/07/2024 12:50					0.0
5/07/2024 13:00					0.0
5/07/2024 13:10					0.0
5/07/2024 13:20					0.0
5/07/2024 13:30					0.0
5/07/2024 13:40					0.0
5/07/2024 13:50					0.0
5/07/2024 14:00					0.0
5/07/2024 14:10					0.0
5/07/2024 14:20					0.0
5/07/2024 14:30					0.0
5/07/2024 14:40					0.0
5/07/2024 14:50					0.0
5/07/2024 15:00					0.0
5/07/2024 15:10					0.0
5/07/2024 15:20					0.0
5/07/2024 15:30					0.0
5/07/2024 15:40					0.0
5/07/2024 15:50					0.0
5/07/2024 16:00					0.0
5/07/2024 16:10					0.0
5/07/2024 16:20					0.0
5/07/2024 16:30					0.0
5/07/2024 16:40					0.0
5/07/2024 16:50					0.0
5/07/2024 17:00					0.0
5/07/2024 17:10					0.0
5/07/2024 17:20					0.0
5/07/2024 17:30					0.0
5/07/2024 17:40					0.0
5/07/2024 17:50					0.0
5/07/2024 18:00					0.0
5/07/2024 18:10					0.0
5/07/2024 18:20					0.0
5/07/2024 18:30					0.0
5/07/2024 18:40					0.0
5/07/2024 18:50					0.0
5/07/2024 19:00					0.0
5/07/2024 19:10					0.0
5/07/2024 19:20					0.0
5/07/2024 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/07/2024 19:40					0.0
5/07/2024 19:50					0.0
5/07/2024 20:00					0.0
5/07/2024 20:10					0.0
5/07/2024 20:20					0.0
5/07/2024 20:30					0.0
5/07/2024 20:40					0.0
5/07/2024 20:50					0.0
5/07/2024 21:00					0.0
5/07/2024 21:10					0.0
5/07/2024 21:20					0.0
5/07/2024 21:30					0.0
5/07/2024 21:40					0.0
5/07/2024 21:50					0.0
5/07/2024 22:00					0.0
5/07/2024 22:10					0.0
5/07/2024 22:20					0.0
5/07/2024 22:30					0.0
5/07/2024 22:40					0.0
5/07/2024 22:50					0.0
5/07/2024 23:00					0.0
5/07/2024 23:10					0.0
5/07/2024 23:20					0.0
5/07/2024 23:30					0.0
5/07/2024 23:40					0.0
5/07/2024 23:50					0.0
6/07/2024 0:00					0.0
6/07/2024 0:10					0.0
6/07/2024 0:20					0.0
6/07/2024 0:30					0.0
6/07/2024 0:40					0.0
6/07/2024 0:50					0.0
6/07/2024 1:00					0.0
6/07/2024 1:10					0.0
6/07/2024 1:20					0.0
6/07/2024 1:30					0.0
6/07/2024 1:40					0.0
6/07/2024 1:50					0.0
6/07/2024 2:00					0.0
6/07/2024 2:10					0.0
6/07/2024 2:20					0.0
6/07/2024 2:30					0.0
6/07/2024 2:40					0.0
6/07/2024 2:50					0.0
6/07/2024 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/07/2024 3:10					0.0
6/07/2024 3:20					0.0
6/07/2024 3:30					0.0
6/07/2024 3:40					0.0
6/07/2024 3:50					0.0
6/07/2024 4:00					0.0
6/07/2024 4:10					0.0
6/07/2024 4:20					0.0
6/07/2024 4:30					0.0
6/07/2024 4:40					0.0
6/07/2024 4:50					0.0
6/07/2024 5:00					0.0
6/07/2024 5:10					0.0
6/07/2024 5:20					0.0
6/07/2024 5:30					0.0
6/07/2024 5:40					0.0
6/07/2024 5:50					0.0
6/07/2024 6:00					0.0
6/07/2024 6:10					0.0
6/07/2024 6:20					0.0
6/07/2024 6:30					0.0
6/07/2024 6:40					0.0
6/07/2024 6:50					0.0
6/07/2024 7:00					0.0
6/07/2024 7:10					0.0
6/07/2024 7:20					0.0
6/07/2024 7:30					0.0
6/07/2024 7:40					0.0
6/07/2024 7:50					0.0
6/07/2024 8:00					0.0
6/07/2024 8:10					0.0
6/07/2024 8:20					0.0
6/07/2024 8:30					0.0
6/07/2024 8:40					0.0
6/07/2024 8:50					0.0
6/07/2024 9:00					0.0
6/07/2024 9:10					0.0
6/07/2024 9:20					0.0
6/07/2024 9:30					0.0
6/07/2024 9:40					0.0
6/07/2024 9:50					0.0
6/07/2024 10:00					0.0
6/07/2024 10:10					0.0
6/07/2024 10:20					0.0
6/07/2024 10:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/07/2024 10:40					0.0
6/07/2024 10:50					0.0
6/07/2024 11:00					0.0
6/07/2024 11:10					0.0
6/07/2024 11:20					0.0
6/07/2024 11:30					0.0
6/07/2024 11:40					0.0
6/07/2024 11:50					0.0
6/07/2024 12:00					0.0
6/07/2024 12:10					0.0
6/07/2024 12:20					0.0
6/07/2024 12:30					0.0
6/07/2024 12:40					0.0
6/07/2024 12:50					0.0
6/07/2024 13:00					0.0
6/07/2024 13:10					0.0
6/07/2024 13:20					0.0
6/07/2024 13:30					0.0
6/07/2024 13:40					0.0
6/07/2024 13:50					0.0
6/07/2024 14:00					0.0
6/07/2024 14:10					0.0
6/07/2024 14:20					0.0
6/07/2024 14:30					0.0
6/07/2024 14:40					0.0
6/07/2024 14:50					0.0
6/07/2024 15:00					0.0
6/07/2024 15:10					0.0
6/07/2024 15:20					0.0
6/07/2024 15:30					0.0
6/07/2024 15:40					0.0
6/07/2024 15:50					0.0
6/07/2024 16:00					0.0
6/07/2024 16:10					0.0
6/07/2024 16:20					0.0
6/07/2024 16:30					0.0
6/07/2024 16:40					0.0
6/07/2024 16:50					0.0
6/07/2024 17:00					0.0
6/07/2024 17:10					0.0
6/07/2024 17:20					0.0
6/07/2024 17:30					0.0
6/07/2024 17:40					0.0
6/07/2024 17:50					0.0
6/07/2024 18:00					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/07/2024 18:10					0.0
6/07/2024 18:20					0.0
6/07/2024 18:30					0.0
6/07/2024 18:40					0.0
6/07/2024 18:50					0.0
6/07/2024 19:00					0.0
6/07/2024 19:10					0.0
6/07/2024 19:20					0.0
6/07/2024 19:30					0.0
6/07/2024 19:40					0.0
6/07/2024 19:50					0.0
6/07/2024 20:00					0.0
6/07/2024 20:10					0.0
6/07/2024 20:20					0.0
6/07/2024 20:30					0.0
6/07/2024 20:40					0.0
6/07/2024 20:50					0.0
6/07/2024 21:00					0.0
6/07/2024 21:10					0.0
6/07/2024 21:20					0.0
6/07/2024 21:30					0.0
6/07/2024 21:40					0.0
6/07/2024 21:50					0.0
6/07/2024 22:00					0.0
6/07/2024 22:10					0.0
6/07/2024 22:20					0.0
6/07/2024 22:30					0.0
6/07/2024 22:40					0.0
6/07/2024 22:50					0.0
6/07/2024 23:00					0.0
6/07/2024 23:10					0.0
6/07/2024 23:20					0.0
6/07/2024 23:30					0.0
6/07/2024 23:40					0.0
6/07/2024 23:50					0.0
7/07/2024 0:00					0.0
7/07/2024 0:10					0.0
7/07/2024 0:20					0.0
7/07/2024 0:30					0.0
7/07/2024 0:40					0.0
7/07/2024 0:50					0.0
7/07/2024 1:00					0.0
7/07/2024 1:10					0.0
7/07/2024 1:20					0.0
7/07/2024 1:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/07/2024 1:40					0.0
7/07/2024 1:50					0.0
7/07/2024 2:00					0.0
7/07/2024 2:10					0.0
7/07/2024 2:20					0.0
7/07/2024 2:30					0.0
7/07/2024 2:40					0.0
7/07/2024 2:50					0.0
7/07/2024 3:00					0.0
7/07/2024 3:10					0.0
7/07/2024 3:20					0.0
7/07/2024 3:30					0.0
7/07/2024 3:40					0.0
7/07/2024 3:50					0.0
7/07/2024 4:00					0.0
7/07/2024 4:10					0.0
7/07/2024 4:20					0.0
7/07/2024 4:30					0.0
7/07/2024 4:40					0.0
7/07/2024 4:50					0.0
7/07/2024 5:00					0.0
7/07/2024 5:10					0.0
7/07/2024 5:20					0.0
7/07/2024 5:30					0.0
7/07/2024 5:40					0.0
7/07/2024 5:50					0.0
7/07/2024 6:00					0.0
7/07/2024 6:10					0.0
7/07/2024 6:20					0.0
7/07/2024 6:30					0.0
7/07/2024 6:40					0.0
7/07/2024 6:50					0.0
7/07/2024 7:00					0.0
7/07/2024 7:10					0.0
7/07/2024 7:20					0.0
7/07/2024 7:30					0.0
7/07/2024 7:40					0.0
7/07/2024 7:50					0.0
7/07/2024 8:00					0.0
7/07/2024 8:10					0.0
7/07/2024 8:20					0.0
7/07/2024 8:30					0.0
7/07/2024 8:40					0.0
7/07/2024 8:50					0.0
7/07/2024 9:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/07/2024 9:10					0.0
7/07/2024 9:20					0.0
7/07/2024 9:30					0.0
7/07/2024 9:40					0.0
7/07/2024 9:50					0.0
7/07/2024 10:00					0.0
7/07/2024 10:10					0.0
7/07/2024 10:20					0.0
7/07/2024 10:30					0.0
7/07/2024 10:40					0.0
7/07/2024 10:50					0.0
7/07/2024 11:00					0.0
7/07/2024 11:10					0.0
7/07/2024 11:20					0.0
7/07/2024 11:30					0.0
7/07/2024 11:40					0.0
7/07/2024 11:50					0.0
7/07/2024 12:00					0.0
7/07/2024 12:10					0.0
7/07/2024 12:20					0.0
7/07/2024 12:30					0.0
7/07/2024 12:40					0.0
7/07/2024 12:50					0.0
7/07/2024 13:00					0.0
7/07/2024 13:10					0.0
7/07/2024 13:20					0.0
7/07/2024 13:30					0.0
7/07/2024 13:40					0.0
7/07/2024 13:50					0.0
7/07/2024 14:00					0.0
7/07/2024 14:10					0.0
7/07/2024 14:20					0.0
7/07/2024 14:30					0.0
7/07/2024 14:40					0.0
7/07/2024 14:50					0.0
7/07/2024 15:00					0.0
7/07/2024 15:10					0.0
7/07/2024 15:20					0.0
7/07/2024 15:30					0.0
7/07/2024 15:40					0.0
7/07/2024 15:50					0.0
7/07/2024 16:00					0.0
7/07/2024 16:10					0.0
7/07/2024 16:20					0.0
7/07/2024 16:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/07/2024 16:40					0.0
7/07/2024 16:50					0.0
7/07/2024 17:00					0.0
7/07/2024 17:10					0.0
7/07/2024 17:20					0.0
7/07/2024 17:30					0.0
7/07/2024 17:40					0.0
7/07/2024 17:50					0.0
7/07/2024 18:00					0.0
7/07/2024 18:10					0.0
7/07/2024 18:20					0.0
7/07/2024 18:30					0.0
7/07/2024 18:40					0.0
7/07/2024 18:50					0.0
7/07/2024 19:00					0.0
7/07/2024 19:10					0.0
7/07/2024 19:20					0.0
7/07/2024 19:30					0.0
7/07/2024 19:40					0.0
7/07/2024 19:50					0.0
7/07/2024 20:00					0.0
7/07/2024 20:10					0.0
7/07/2024 20:20					0.0
7/07/2024 20:30					0.0
7/07/2024 20:40					0.0
7/07/2024 20:50					0.0
7/07/2024 21:00					0.0
7/07/2024 21:10					0.0
7/07/2024 21:20					0.0
7/07/2024 21:30					0.0
7/07/2024 21:40					0.0
7/07/2024 21:50					0.0
7/07/2024 22:00					0.0
7/07/2024 22:10					0.0
7/07/2024 22:20					0.0
7/07/2024 22:30					0.0
7/07/2024 22:40					0.0
7/07/2024 22:50					0.0
7/07/2024 23:00					0.0
7/07/2024 23:10					0.0
7/07/2024 23:20					0.0
7/07/2024 23:30					0.0
7/07/2024 23:40					0.0
7/07/2024 23:50					0.0
8/07/2024 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/07/2023 0:10	1.6	152	27	2.6	0.0
8/07/2023 0:20	1.3	159	34	2.3	0.0
8/07/2023 0:30	2.2	149	25	4.0	0.0
8/07/2023 0:40	2.9	150	19	5.5	0.0
8/07/2023 0:50	2.8	140	27	5.3	0.0
8/07/2023 1:00	2.5	107	31	5.7	0.0
8/07/2023 1:10	2.8	117	39	6.1	0.0
8/07/2023 1:20	2.5	105	40	5.2	0.0
8/07/2023 1:30	3.7	103	33	7.2	0.0
8/07/2023 1:40	3.3	102	42	7.9	0.0
8/07/2023 1:50	3.2	101	40	7.2	0.0
8/07/2023 2:00	3.0	105	38	5.6	0.0
8/07/2023 2:10	2.1	140	51	4.8	0.0
8/07/2023 2:20	2.3	126	41	4.4	0.0
8/07/2023 2:30	2.2	125	39	6.0	0.0
8/07/2023 2:40	2.1	126	37	4.4	0.0
8/07/2023 2:50	2.7	150	38	5.8	0.0
8/07/2023 3:00	2.9	137	36	5.8	0.0
8/07/2023 3:10	2.3	122	48	4.8	0.0
8/07/2023 3:20	3.4	113	36	6.6	0.0
8/07/2023 3:30	3.8	113	32	7.5	0.0
8/07/2023 3:40	4.1	115	33	8.7	0.0
8/07/2023 3:50	4.2	113	33	8.3	0.0
8/07/2023 4:00	4.2	109	31	7.9	0.0
8/07/2023 4:10	3.7	121	40	7.3	0.0
8/07/2023 4:20	3.2	121	40	5.9	0.0
8/07/2023 4:30	2.9	127	43	6.4	0.0
8/07/2023 4:40	3.3	152	35	7.0	0.0
8/07/2023 4:50	3.7	140	30	7.4	0.0
8/07/2023 5:00	2.7	139	43	6.1	0.0
8/07/2023 5:10	3.8	141	31	7.2	0.0
8/07/2023 5:20	4.0	142	25	7.5	0.0
8/07/2023 5:30	3.5	124	27	5.9	0.0
8/07/2023 5:40	3.5	128	28	5.7	0.0
8/07/2023 5:50	2.8	135	32	5.2	0.0
8/07/2023 6:00	2.1	154	33	4.1	0.0
8/07/2023 6:10	1.6	167	32	4.0	0.0
8/07/2023 6:20	1.9	163	30	3.2	0.0
8/07/2023 6:30	2.0	187	31	3.6	0.0
8/07/2023 6:40	2.1	174	27	3.8	0.0
8/07/2023 6:50	2.5	168	32	4.8	0.0
8/07/2023 7:00	2.5	160	24	5.0	0.0
8/07/2023 7:10	2.7	152	28	4.7	0.0
8/07/2023 7:20	2.8	139	33	4.8	0.0
8/07/2023 7:30	3.3	130	30	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/07/2023 7:40	3.2	130	26	5.5	0.0
8/07/2023 7:50	3.5	126	26	6.1	0.0
8/07/2023 8:00	3.3	138	27	6.1	0.0
8/07/2023 8:10	3.3	131	30	5.2	0.0
8/07/2023 8:20	2.3	123	34	5.8	0.0
8/07/2023 8:30	3.1	137	32	5.9	0.0
8/07/2023 8:40	3.2	114	40	7.0	0.0
8/07/2023 8:50	3.5	125	32	6.1	0.0
8/07/2023 9:00	3.8	112	28	7.0	0.0
8/07/2023 9:10	3.6	112	31	7.2	0.0
8/07/2023 9:20	4.7	117	29	8.6	0.0
8/07/2023 9:30	4.9	115	26	8.7	0.0
8/07/2023 9:40	4.7	107	28	7.5	0.0
8/07/2023 9:50	4.6	108	26	7.9	0.0
8/07/2023 10:00	4.2	103	22	6.9	0.0
8/07/2023 10:10	4.4	98	22	7.3	0.0
8/07/2023 10:20	4.5	94	26	8.1	0.0
8/07/2023 10:30	4.5	88	19	7.5	0.0
8/07/2023 10:40	5.5	83	15	7.9	0.0
8/07/2023 10:50	5.3	82	16	8.2	0.0
8/07/2023 11:00	5.5	79	16	8.1	0.0
8/07/2023 11:10	5.2	78	15	8.2	0.0
8/07/2023 11:20	5.6	80	16	8.4	0.0
8/07/2023 11:30	5.3	82	17	8.4	0.0
8/07/2023 11:40	5.9	81	14	9.0	0.0
8/07/2023 11:50	5.4	82	14	7.9	0.0
8/07/2023 12:00	5.4	83	15	8.0	0.0
8/07/2023 12:10	5.4	85	15	7.6	0.0
8/07/2023 12:20	4.3	84	14	6.0	0.0
8/07/2023 12:30	3.5	76	19	5.3	0.0
8/07/2023 12:40	3.6	72	15	5.4	0.0
8/07/2023 12:50	3.6	75	16	5.2	0.0
8/07/2023 13:00	3.2	65	19	5.2	0.0
8/07/2023 13:10	4.5	58	12	6.2	0.0
8/07/2023 13:20	4.7	58	9	6.0	0.0
8/07/2023 13:30	4.1	58	12	5.5	0.0
8/07/2023 13:40	3.7	58	14	5.4	0.0
8/07/2023 13:50	3.5	54	14	4.8	0.0
8/07/2023 14:00	3.5	57	15	5.2	0.0
8/07/2023 14:10	3.4	47	14	4.7	0.0
8/07/2023 14:20	3.9	49	13	5.1	0.0
8/07/2023 14:30	3.9	49	13	5.5	0.0
8/07/2023 14:40	3.7	47	12	5.1	0.0
8/07/2023 14:50	3.4	51	11	4.4	0.0
8/07/2023 15:00	2.8	43	16	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/07/2023 15:10	2.9	41	13	3.7	0.0
8/07/2023 15:20	3.3	43	12	4.6	0.0
8/07/2023 15:30	2.7	41	13	3.8	0.0
8/07/2023 15:40	3.1	41	12	4.0	0.0
8/07/2023 15:50	2.8	41	13	3.8	0.0
8/07/2023 16:00	2.3	41	14	3.5	0.0
8/07/2023 16:10	1.6	63	15	2.2	0.0
8/07/2023 16:20	1.8	63	11	2.8	0.0
8/07/2023 16:30	1.9	53	14	2.9	0.0
8/07/2023 16:40	1.6	59	15	2.5	0.0
8/07/2023 16:50	1.5	71	18	2.1	0.0
8/07/2023 17:00	1.1	76	22	1.6	0.0
8/07/2023 17:10	0.8	82	19	1.6	0.0
8/07/2023 17:20	0.7	75	18	1.2	0.0
8/07/2023 17:30	0.1	116	11	0.4	0.0
8/07/2023 17:40	0.1	141	8	0.5	0.0
8/07/2023 17:50	0.0	107	1	0.4	0.0
8/07/2023 18:00	0.0	100	1	0.5	0.0
8/07/2023 18:10					0.0
8/07/2023 18:20	0.1	73	3	0.8	0.0
8/07/2023 18:30	0.1	146	2	0.7	0.0
8/07/2023 18:40	0.7	193	8	0.9	0.0
8/07/2023 18:50	0.3	193	9	0.8	0.0
8/07/2023 19:00	0.5	191	12	0.8	0.0
8/07/2023 19:10	0.1	86	0	0.7	0.0
8/07/2023 19:20	0.7	335	23	1.2	0.0
8/07/2023 19:30	0.5	195	21	0.9	0.0
8/07/2023 19:40					0.0
8/07/2023 19:50					0.0
8/07/2023 20:00					0.0
8/07/2023 20:10					0.0
8/07/2023 20:20	0.2	328	4	0.8	0.0
8/07/2023 20:30					0.0
8/07/2023 20:40					0.0
8/07/2023 20:50	0.7	338	5	1.1	0.0
8/07/2023 21:00	0.3	265	7	0.7	0.0
8/07/2023 21:10	0.5	245	3	0.8	0.0
8/07/2023 21:20	0.6	344	13	1.2	0.0
8/07/2023 21:30	0.4	132	34	1.1	0.0
8/07/2023 21:40	0.7	156	28	0.9	0.0
8/07/2023 21:50	0.4	165	6	0.9	0.0
8/07/2023 22:00	0.8	173	6	1.1	0.0
8/07/2023 22:10					0.0
8/07/2023 22:20	0.5	179	6	0.8	0.0
8/07/2023 22:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/07/2023 22:40	0.8	100	38	1.5	0.0
8/07/2023 22:50	0.9	182	66	1.6	0.0
8/07/2023 23:00	0.6	196	52	1.1	0.0
8/07/2023 23:10	0.1	34	4	0.8	0.0
8/07/2023 23:20					0.0
8/07/2023 23:30	2.2	192	11	3.6	0.0
8/07/2023 23:40	3.3	194	9	4.3	0.0
8/07/2023 23:50	3.4	193	11	4.3	0.0
9/07/2023 0:00	3.6	194	10	4.5	0.0
9/07/2023 0:10	1.1	85	54	2.7	0.0
9/07/2023 0:20	3.0	183	29	4.3	0.0
9/07/2023 0:30	3.2	199	10	4.2	0.0
9/07/2023 0:40	2.1	271	50	3.6	0.0
9/07/2023 0:50	0.8	180	49	1.7	0.0
9/07/2023 1:00	0.8	172	9	1.4	0.0
9/07/2023 1:10	0.9	229	43	1.7	0.0
9/07/2023 1:20	0.9	333	33	1.6	0.0
9/07/2023 1:30	0.5	165	52	0.9	0.0
9/07/2023 1:40	0.6	23	52	1.2	0.0
9/07/2023 1:50	1.3	341	16	1.7	0.0
9/07/2023 2:00	1.0	178	36	2.2	0.0
9/07/2023 2:10	0.5	54	50	1.2	0.0
9/07/2023 2:20	0.9	87	29	1.5	0.0
9/07/2023 2:30	1.7	101	21	2.6	0.0
9/07/2023 2:40	1.3	117	26	2.2	0.0
9/07/2023 2:50	1.3	102	28	2.1	0.0
9/07/2023 3:00	1.3	102	30	2.3	0.0
9/07/2023 3:10	1.3	123	30	2.3	0.0
9/07/2023 3:20	1.4	113	29	2.4	0.0
9/07/2023 3:30	1.3	104	28	2.5	0.0
9/07/2023 3:40	2.1	133	29	3.6	0.0
9/07/2023 3:50	2.1	148	27	3.7	0.0
9/07/2023 4:00	2.3	142	29	4.7	0.0
9/07/2023 4:10	2.9	135	30	5.6	0.0
9/07/2023 4:20	3.0	150	26	6.0	0.0
9/07/2023 4:30	3.3	149	27	5.3	0.0
9/07/2023 4:40	2.6	144	28	4.8	0.0
9/07/2023 4:50	2.2	126	30	3.9	0.0
9/07/2023 5:00	2.6	123	37	4.8	0.0
9/07/2023 5:10	2.9	112	32	5.5	0.0
9/07/2023 5:20	2.6	146	33	5.7	0.0
9/07/2023 5:30	2.4	128	35	5.2	0.0
9/07/2023 5:40	2.5	118	41	4.5	0.0
9/07/2023 5:50	2.8	141	32	5.2	0.0
9/07/2023 6:00	2.3	128	33	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/07/2023 6:10	2.4	127	29	4.7	0.0
9/07/2023 6:20	3.2	139	36	6.1	0.0
9/07/2023 6:30	2.4	142	29	4.8	0.0
9/07/2023 6:40	2.7	131	30	4.9	0.0
9/07/2023 6:50	2.8	135	33	4.9	0.0
9/07/2023 7:00	2.7	149	33	5.3	0.0
9/07/2023 7:10	3.1	140	27	6.0	0.0
9/07/2023 7:20	3.1	138	29	5.5	0.0
9/07/2023 7:30	3.1	148	29	6.1	0.0
9/07/2023 7:40	2.9	154	27	5.4	0.0
9/07/2023 7:50	3.1	130	33	6.1	0.0
9/07/2023 8:00	2.7	138	37	6.5	0.0
9/07/2023 8:10	2.5	119	40	5.6	0.0
9/07/2023 8:20	3.1	115	32	6.0	0.0
9/07/2023 8:30	3.6	121	24	6.4	0.0
9/07/2023 8:40	3.5	121	26	7.9	0.0
9/07/2023 8:50	3.8	116	25	7.2	0.0
9/07/2023 9:00	3.9	134	23	6.8	0.0
9/07/2023 9:10	3.8	131	23	6.3	0.0
9/07/2023 9:20	3.3	130	22	5.5	0.0
9/07/2023 9:30	3.6	125	26	7.2	0.0
9/07/2023 9:40	3.1	107	23	5.6	0.0
9/07/2023 9:50	4.1	93	18	6.7	0.0
9/07/2023 10:00	4.0	90	17	6.8	0.0
9/07/2023 10:10	4.2	92	18	6.9	0.0
9/07/2023 10:20	4.3	85	18	7.2	0.0
9/07/2023 10:30	3.9	91	20	6.8	0.0
9/07/2023 10:40	3.9	91	20	6.8	0.0
9/07/2023 10:50	4.4	97	24	7.7	0.0
9/07/2023 11:00	4.9	85	17	8.1	0.0
9/07/2023 11:10	5.1	85	17	7.9	0.0
9/07/2023 11:20	4.5	83	18	7.9	0.0
9/07/2023 11:30	5.2	85	16	8.5	0.0
9/07/2023 11:40	4.7	82	13	7.2	0.0
9/07/2023 11:50	4.1	80	14	5.3	0.0
9/07/2023 12:00	4.2	84	14	5.9	0.0
9/07/2023 12:10	4.0	80	14	5.6	0.0
9/07/2023 12:20	3.7	76	16	5.1	0.0
9/07/2023 12:30	3.5	72	16	4.8	0.0
9/07/2023 12:40	3.7	58	13	5.3	0.0
9/07/2023 12:50	3.6	59	13	4.8	0.0
9/07/2023 13:00	2.8	62	19	4.9	0.0
9/07/2023 13:10	4.1	61	10	4.9	0.0
9/07/2023 13:20	3.6	65	10	4.6	0.0
9/07/2023 13:30	3.1	61	14	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/07/2023 13:40	3.5	59	11	4.9	0.0
9/07/2023 13:50	3.0	59	16	4.1	0.0
9/07/2023 14:00	3.1	60	13	4.0	0.0
9/07/2023 14:10	2.7	55	14	3.8	0.0
9/07/2023 14:20	2.8	62	14	4.1	0.0
9/07/2023 14:30	2.8	49	16	4.3	0.0
9/07/2023 14:40	2.9	48	15	4.0	0.0
9/07/2023 14:50	3.1	51	14	4.2	0.0
9/07/2023 15:00	2.6	49	15	3.8	0.0
9/07/2023 15:10	2.5	51	16	3.7	0.0
9/07/2023 15:20	2.4	48	17	3.2	0.0
9/07/2023 15:30	2.3	46	17	3.2	0.0
9/07/2023 15:40	2.2	62	17	3.0	0.0
9/07/2023 15:50	2.3	47	14	3.2	0.0
9/07/2023 16:00	2.8	46	13	3.7	0.0
9/07/2023 16:10	2.6	44	15	3.9	0.0
9/07/2023 16:20	2.8	46	14	3.6	0.0
9/07/2023 16:30	1.9	50	16	2.8	0.0
9/07/2023 16:40	1.4	68	17	2.0	0.0
9/07/2023 16:50	1.5	75	28	2.5	0.0
9/07/2023 17:00	1.2	91	21	1.8	0.0
9/07/2023 17:10	1.0	77	22	1.7	0.0
9/07/2023 17:20	1.1	98	22	1.7	0.0
9/07/2023 17:30	1.2	103	21	1.9	0.0
9/07/2023 17:40	0.8	84	15	1.4	0.0
9/07/2023 17:50	1.0	107	17	1.6	0.0
9/07/2023 18:00	0.4	90	10	1.0	0.0
9/07/2023 18:10	0.4	98	7	0.9	0.0
9/07/2023 18:20	1.1	79	13	1.6	0.0
9/07/2023 18:30	0.4	22	26	1.1	0.0
9/07/2023 18:40	0.3	132	15	0.9	0.0
9/07/2023 18:50	1.1	102	16	1.7	0.0
9/07/2023 19:00	2.1	130	16	3.1	0.0
9/07/2023 19:10	2.0	132	18	2.7	0.0
9/07/2023 19:20	2.2	133	17	3.4	0.0
9/07/2023 19:30	1.9	119	20	3.2	0.0
9/07/2023 19:40	1.5	118	25	2.4	0.0
9/07/2023 19:50	1.6	117	22	2.5	0.0
9/07/2023 20:00	0.9	77	24	1.7	0.0
9/07/2023 20:10	0.6	60	38	1.2	0.0
9/07/2023 20:20	0.8	184	21	1.4	0.0
9/07/2023 20:30	0.5	187	21	1.1	0.0
9/07/2023 20:40	1.7	137	18	2.3	0.0
9/07/2023 20:50	1.5	130	18	2.3	0.0
9/07/2023 21:00	1.0	132	25	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/07/2023 21:10	1.2	133	32	2.1	0.0
9/07/2023 21:20	0.5	115	16	1.0	0.0
9/07/2023 21:30	0.7	100	37	1.4	0.0
9/07/2023 21:40	0.9	152	16	2.0	0.0
9/07/2023 21:50	0.6	100	29	1.3	0.0
9/07/2023 22:00	1.6	156	23	2.6	0.0
9/07/2023 22:10	1.6	162	30	2.8	0.0
9/07/2023 22:20	2.3	186	20	3.8	0.0
9/07/2023 22:30	2.3	192	15	3.4	0.0
9/07/2023 22:40	1.7	180	26	3.3	0.0
9/07/2023 22:50	0.8	166	32	2.1	0.0
9/07/2023 23:00	1.6	146	27	2.7	0.0
9/07/2023 23:10	1.8	150	26	2.8	0.0
9/07/2023 23:20	1.9	148	21	3.2	0.0
9/07/2023 23:30	2.1	143	23	3.2	0.0
9/07/2023 23:40	2.6	149	19	4.2	0.0
9/07/2023 23:50	2.3	151	27	4.0	0.0
10/07/2023 0:00	1.9	145	26	3.2	0.0
10/07/2023 0:10	1.7	146	27	2.8	0.0
10/07/2023 0:20	1.7	145	25	3.2	0.0
10/07/2023 0:30	2.2	138	30	5.0	0.0
10/07/2023 0:40	2.2	142	25	4.0	0.0
10/07/2023 0:50	2.2	140	24	4.4	0.0
10/07/2023 1:00	2.0	137	27	4.0	0.0
10/07/2023 1:10	3.0	157	18	4.8	0.0
10/07/2023 1:20	2.0	129	33	3.4	0.0
10/07/2023 1:30	1.5	92	24	2.5	0.0
10/07/2023 1:40	1.5	134	29	3.1	0.0
10/07/2023 1:50	2.2	146	28	3.6	0.0
10/07/2023 2:00	2.4	142	33	5.3	0.0
10/07/2023 2:10	2.4	154	20	4.0	0.0
10/07/2023 2:20	2.5	151	20	3.7	0.0
10/07/2023 2:30	2.2	151	25	3.9	0.0
10/07/2023 2:40	2.1	101	30	3.9	0.0
10/07/2023 2:50	2.5	97	20	4.2	0.0
10/07/2023 3:00	2.8	114	26	4.4	0.0
10/07/2023 3:10	2.7	108	27	4.8	0.0
10/07/2023 3:20	3.2	114	29	5.6	0.0
10/07/2023 3:30	3.1	116	27	5.2	0.0
10/07/2023 3:40	3.0	115	20	5.6	0.0
10/07/2023 3:50	2.9	119	22	4.8	0.0
10/07/2023 4:00	3.1	116	19	4.5	0.0
10/07/2023 4:10	3.1	121	24	5.6	0.0
10/07/2023 4:20	3.1	114	25	5.6	0.0
10/07/2023 4:30	2.8	106	28	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 4:40	2.9	107	29	5.6	0.0
10/07/2023 4:50	2.7	116	30	4.8	0.0
10/07/2023 5:00	3.3	109	32	7.5	0.0
10/07/2023 5:10	2.6	123	31	4.7	0.0
10/07/2023 5:20	2.7	144	29	5.1	0.0
10/07/2023 5:30	3.3	148	27	6.0	0.0
10/07/2023 5:40	2.9	147	33	6.0	0.0
10/07/2023 5:50	2.8	133	35	5.8	0.0
10/07/2023 6:00	3.8	118	27	7.4	0.0
10/07/2023 6:10	3.5	110	25	6.6	0.0
10/07/2023 6:20	3.6	121	28	6.0	0.0
10/07/2023 6:30	3.4	110	23	6.4	0.0
10/07/2023 6:40	3.4	121	26	5.8	0.0
10/07/2023 6:50	3.4	118	24	5.3	0.0
10/07/2023 7:00	3.6	124	28	6.4	0.0
10/07/2023 7:10	2.8	120	32	5.9	0.0
10/07/2023 7:20	3.5	104	27	6.8	0.0
10/07/2023 7:30	2.9	102	31	6.2	0.0
10/07/2023 7:40	3.4	109	23	6.7	0.0
10/07/2023 7:50	3.7	112	25	6.0	0.0
10/07/2023 8:00	3.8	121	28	6.1	0.0
10/07/2023 8:10	3.6	111	21	6.3	0.0
10/07/2023 8:20	3.8	122	22	7.2	0.0
10/07/2023 8:30	3.0	128	29	5.8	0.0
10/07/2023 8:40	3.4	144	26	7.3	0.0
10/07/2023 8:50	3.2	121	28	5.6	0.0
10/07/2023 9:00	3.4	117	30	6.0	0.0
10/07/2023 9:10	3.5	119	27	6.7	0.0
10/07/2023 9:20	3.7	122	20	6.0	0.0
10/07/2023 9:30	3.7	131	22	5.7	0.0
10/07/2023 9:40	3.0	123	16	5.1	0.0
10/07/2023 9:50	3.0	117	17	4.9	0.0
10/07/2023 10:00	2.9	87	19	4.7	0.0
10/07/2023 10:10	3.5	87	18	5.3	0.0
10/07/2023 10:20	4.1	86	13	5.9	0.0
10/07/2023 10:30	3.8	86	14	5.2	0.0
10/07/2023 10:40	3.6	86	15	4.8	0.0
10/07/2023 10:50	3.4	80	16	4.8	0.0
10/07/2023 11:00	3.6	80	16	5.4	0.0
10/07/2023 11:10	4.1	76	16	5.6	0.0
10/07/2023 11:20	4.2	74	15	5.9	0.0
10/07/2023 11:30	4.2	76	13	5.7	0.0
10/07/2023 11:40	4.4	77	14	6.3	0.0
10/07/2023 11:50	4.4	77	14	6.1	0.0
10/07/2023 12:00	4.0	73	14	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 12:10	3.8	63	17	5.6	0.0
10/07/2023 12:20	4.4	54	13	5.7	0.0
10/07/2023 12:30	4.4	55	11	5.6	0.0
10/07/2023 12:40	4.2	57	11	5.8	0.0
10/07/2023 12:50	3.5	50	14	5.1	0.0
10/07/2023 13:00	3.9	60	10	4.9	0.0
10/07/2023 13:10	4.0	56	9	4.9	0.0
10/07/2023 13:20	4.1	60	9	4.9	0.0
10/07/2023 13:30	3.9	62	8	4.8	0.0
10/07/2023 13:40	3.7	63	10	4.7	0.0
10/07/2023 13:50	3.5	59	8	4.4	0.0
10/07/2023 14:00	3.7	61	10	4.5	0.0
10/07/2023 14:10	3.5	60	8	4.4	0.0
10/07/2023 14:20	3.3	59	10	4.1	0.0
10/07/2023 14:30	3.0	63	12	4.0	0.0
10/07/2023 14:40	3.1	62	9	4.0	0.0
10/07/2023 14:50	2.5	54	15	3.2	0.0
10/07/2023 15:00	2.6	65	12	3.7	0.0
10/07/2023 15:10	2.2	60	15	3.3	0.0
10/07/2023 15:20	2.4	56	17	3.4	0.0
10/07/2023 15:30	2.5	65	15	3.5	0.0
10/07/2023 15:40	2.5	69	14	3.4	0.0
10/07/2023 15:50	2.5	65	15	3.6	0.0
10/07/2023 16:00	2.4	65	15	3.4	0.0
10/07/2023 16:10	2.1	57	16	3.1	0.0
10/07/2023 16:20	2.3	51	13	3.2	0.0
10/07/2023 16:30	2.2	57	14	3.6	0.0
10/07/2023 16:40	2.3	64	12	3.2	0.0
10/07/2023 16:50	2.0	65	14	2.8	0.0
10/07/2023 17:00	1.6	67	18	2.3	0.0
10/07/2023 17:10	1.4	70	17	2.0	0.0
10/07/2023 17:20	1.4	78	20	2.0	0.0
10/07/2023 17:30	1.4	81	19	2.3	0.0
10/07/2023 17:40	1.4	108	16	1.9	0.0
10/07/2023 17:50	1.3	119	21	1.7	0.0
10/07/2023 18:00	1.3	109	22	2.0	0.0
10/07/2023 18:10	1.1	99	24	2.1	0.0
10/07/2023 18:20	1.0	108	19	1.7	0.0
10/07/2023 18:30	0.7	107	22	1.1	0.0
10/07/2023 18:40	0.5	139	19	0.8	0.0
10/07/2023 18:50	1.1	155	17	1.5	0.0
10/07/2023 19:00	0.9	133	23	1.4	0.0
10/07/2023 19:10	0.9	144	34	1.2	0.0
10/07/2023 19:20	0.2	116	12	0.8	0.0
10/07/2023 19:30	0.2	200	8	0.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/07/2023 19:40	1.0	187	8	1.2	0.0
10/07/2023 19:50	0.9	143	32	1.2	0.0
10/07/2023 20:00	0.0	100	3	0.4	0.0
10/07/2023 20:10	0.5	96	17	1.1	0.0
10/07/2023 20:20	0.4	175	12	0.9	0.0
10/07/2023 20:30	0.6	166	13	1.0	0.0
10/07/2023 20:40	0.3	202	13	0.8	0.0
10/07/2023 20:50	0.5	216	10	1.0	0.0
10/07/2023 21:00	0.8	329	36	1.1	0.0
10/07/2023 21:10	0.2	53	12	0.8	0.0
10/07/2023 21:20	0.4	122	11	0.7	0.0
10/07/2023 21:30					0.0
10/07/2023 21:40	0.5	137	32	1.2	0.0
10/07/2023 21:50	0.3	351	13	0.9	0.0
10/07/2023 22:00	0.0	328	3	0.6	0.0
10/07/2023 22:10	0.4	9	13	1.1	0.0
10/07/2023 22:20	0.0	355	0	0.4	0.0
10/07/2023 22:30	0.6	178	43	0.9	0.0
10/07/2023 22:40	0.5	343	77	1.2	0.0
10/07/2023 22:50					0.0
10/07/2023 23:00	0.2	180	3	0.8	0.0
10/07/2023 23:10	0.8	341	17	1.2	0.0
10/07/2023 23:20	0.1	343	1	0.6	0.0
10/07/2023 23:30					0.0
10/07/2023 23:40					0.0
10/07/2023 23:50	0.7	113	16	1.0	0.0
11/07/2023 0:00	0.4	332	16	0.9	0.0
11/07/2023 0:10	0.7	307	12	1.1	0.0
11/07/2023 0:20	0.4	7	5	1.4	0.0
11/07/2023 0:30	0.7	7	13	1.4	0.0
11/07/2023 0:40	0.2	174	5	1.0	0.0
11/07/2023 0:50	0.6	184	5	0.9	0.0
11/07/2023 1:00	0.2	324	3	0.9	0.0
11/07/2023 1:10					0.0
11/07/2023 1:20					0.0
11/07/2023 1:30					0.0
11/07/2023 1:40	1.0	317	21	1.9	0.0
11/07/2023 1:50	0.3	24	11	1.1	0.0
11/07/2023 2:00	0.7	202	20	1.4	0.0
11/07/2023 2:10	1.2	184	22	2.1	0.0
11/07/2023 2:20	1.5	178	30	3.2	0.0
11/07/2023 2:30	3.1	110	11	4.0	0.0
11/07/2023 2:40	2.9	110	14	3.6	0.0
11/07/2023 2:50	1.9	125	24	3.1	0.0
11/07/2023 3:00	1.3	142	36	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 3:10	2.6	123	18	3.7	0.0
11/07/2023 3:20	2.6	148	17	4.1	0.0
11/07/2023 3:30	2.8	168	22	4.3	0.0
11/07/2023 3:40	3.5	174	17	5.1	0.0
11/07/2023 3:50	3.4	169	16	5.2	0.0
11/07/2023 4:00	2.9	180	18	4.8	0.0
11/07/2023 4:10	3.3	161	15	4.8	0.0
11/07/2023 4:20	3.4	175	13	5.5	0.0
11/07/2023 4:30	3.5	165	15	5.2	0.0
11/07/2023 4:40	3.5	175	13	5.0	0.0
11/07/2023 4:50	4.0	181	13	5.8	0.0
11/07/2023 5:00	5.1	190	11	6.7	0.0
11/07/2023 5:10	4.0	183	14	5.7	0.0
11/07/2023 5:20	3.3	166	14	4.7	0.0
11/07/2023 5:30	3.1	167	16	4.7	0.0
11/07/2023 5:40	3.1	169	18	4.8	0.0
11/07/2023 5:50	2.7	163	17	4.4	0.0
11/07/2023 6:00	2.3	151	18	3.5	0.0
11/07/2023 6:10	2.0	138	26	3.1	0.0
11/07/2023 6:20	2.1	114	18	3.6	0.0
11/07/2023 6:30	1.3	122	23	2.3	0.0
11/07/2023 6:40	1.5	116	19	2.3	0.0
11/07/2023 6:50	1.1	124	24	1.8	0.0
11/07/2023 7:00	0.6	96	37	1.4	0.0
11/07/2023 7:10	1.4	129	22	2.0	0.0
11/07/2023 7:20	2.0	129	20	2.8	0.0
11/07/2023 7:30	1.8	130	20	3.1	0.0
11/07/2023 7:40	1.6	127	25	2.8	0.0
11/07/2023 7:50	2.2	129	18	3.8	0.0
11/07/2023 8:00	2.0	126	23	3.5	0.0
11/07/2023 8:10	2.0	129	22	3.3	0.0
11/07/2023 8:20	2.2	131	24	3.9	0.0
11/07/2023 8:30	2.3	134	25	4.5	0.0
11/07/2023 8:40	2.5	138	21	4.3	0.0
11/07/2023 8:50	2.2	124	23	3.6	0.0
11/07/2023 9:00	2.1	125	28	3.2	0.0
11/07/2023 9:10	2.2	135	30	3.9	0.0
11/07/2023 9:20	2.9	134	30	4.8	0.0
11/07/2023 9:30	2.8	140	30	5.3	0.0
11/07/2023 9:40	2.8	117	34	5.6	0.0
11/07/2023 9:50	3.0	115	30	6.0	0.0
11/07/2023 10:00	3.2	128	21	5.2	0.0
11/07/2023 10:10	3.1	128	17	4.8	0.0
11/07/2023 10:20	2.9	127	19	4.2	0.0
11/07/2023 10:30	2.4	107	20	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 10:40	2.9	86	21	4.4	0.0
11/07/2023 10:50	3.0	78	15	4.5	0.0
11/07/2023 11:00	2.1	68	18	3.3	0.0
11/07/2023 11:10	2.5	76	19	3.6	0.0
11/07/2023 11:20	2.6	71	13	3.6	0.0
11/07/2023 11:30	2.4	64	20	3.3	0.0
11/07/2023 11:40	2.4	69	16	3.6	0.0
11/07/2023 11:50	2.6	64	16	3.6	0.0
11/07/2023 12:00	2.8	51	15	3.9	0.0
11/07/2023 12:10	2.7	49	14	3.7	0.0
11/07/2023 12:20	2.8	58	14	4.0	0.0
11/07/2023 12:30	3.0	60	14	4.1	0.0
11/07/2023 12:40	3.4	59	13	4.8	0.0
11/07/2023 12:50	3.2	48	13	4.5	0.0
11/07/2023 13:00	3.0	49	13	4.4	0.0
11/07/2023 13:10	2.8	45	15	3.9	0.0
11/07/2023 13:20	2.9	42	15	4.0	0.0
11/07/2023 13:30	3.2	45	16	4.8	0.0
11/07/2023 13:40	3.7	41	15	5.0	0.0
11/07/2023 13:50	3.8	45	11	5.5	0.0
11/07/2023 14:00	3.7	39	14	5.1	0.0
11/07/2023 14:10	3.7	39	13	5.3	0.0
11/07/2023 14:20	3.4	39	15	5.2	0.0
11/07/2023 14:30	3.6	34	14	5.2	0.0
11/07/2023 14:40	3.5	42	12	5.0	0.0
11/07/2023 14:50	3.5	42	14	4.9	0.0
11/07/2023 15:00	3.5	42	13	4.8	0.0
11/07/2023 15:10	3.4	40	15	5.2	0.0
11/07/2023 15:20	3.2	44	15	4.7	0.0
11/07/2023 15:30	3.0	48	11	4.0	0.0
11/07/2023 15:40	2.9	44	15	4.0	0.0
11/07/2023 15:50	2.7	34	17	4.5	0.0
11/07/2023 16:00	3.3	28	14	4.4	0.0
11/07/2023 16:10	2.9	37	18	4.0	0.0
11/07/2023 16:20	2.0	67	14	2.7	0.0
11/07/2023 16:30	2.2	60	13	3.2	0.0
11/07/2023 16:40	1.5	82	17	2.0	0.0
11/07/2023 16:50	0.8	93	26	1.4	0.0
11/07/2023 17:00	0.9	73	19	1.6	0.0
11/07/2023 17:10	0.4	96	15	0.8	0.0
11/07/2023 17:20	0.6	139	22	1.2	0.0
11/07/2023 17:30	0.7	202	17	1.1	0.0
11/07/2023 17:40	1.1	313	16	1.6	0.0
11/07/2023 17:50	1.3	300	11	1.6	0.0
11/07/2023 18:00	1.1	295	11	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/07/2023 18:10	0.9	323	14	1.3	0.0
11/07/2023 18:20	0.6	298	12	1.2	0.0
11/07/2023 18:30	0.9	280	10	1.6	0.0
11/07/2023 18:40	1.5	263	9	1.8	0.0
11/07/2023 18:50	1.2	273	17	2.1	0.0
11/07/2023 19:00	1.6	263	12	2.1	0.0
11/07/2023 19:10	1.4	262	14	1.8	0.0
11/07/2023 19:20	1.1	251	26	2.0	0.0
11/07/2023 19:30	1.3	257	18	2.2	0.0
11/07/2023 19:40	1.1	240	22	2.0	0.0
11/07/2023 19:50	1.2	215	25	1.9	0.0
11/07/2023 20:00	1.3	213	22	1.8	0.0
11/07/2023 20:10	1.4	216	15	2.0	0.0
11/07/2023 20:20	1.9	204	9	2.4	0.0
11/07/2023 20:30	0.9	206	18	1.6	0.0
11/07/2023 20:40	0.5	242	23	1.5	0.0
11/07/2023 20:50	0.1	270	5	0.6	0.0
11/07/2023 21:00	0.5	177	5	0.8	0.0
11/07/2023 21:10	0.6	72	30	0.9	0.0
11/07/2023 21:20	0.5	55	7	1.1	0.0
11/07/2023 21:30					0.0
11/07/2023 21:40	0.4	121	38	0.8	0.0
11/07/2023 21:50	0.1	81	6	0.6	0.0
11/07/2023 22:00					0.0
11/07/2023 22:10	0.0	300	1	0.8	0.0
11/07/2023 22:20	1.1	210	29	1.9	0.0
11/07/2023 22:30	1.4	220	31	2.4	0.0
11/07/2023 22:40	2.0	232	25	3.1	0.0
11/07/2023 22:50	3.5	209	17	5.2	0.0
11/07/2023 23:00	3.3	227	19	5.0	0.0
11/07/2023 23:10	2.6	239	26	4.2	0.0
11/07/2023 23:20	2.8	217	25	4.2	0.0
11/07/2023 23:30	4.0	203	12	5.6	0.0
11/07/2023 23:40	3.2	197	18	4.7	0.0
11/07/2023 23:50	2.5	187	23	4.3	0.0
12/07/2023 0:00	2.0	216	30	3.2	0.0
12/07/2023 0:10	1.2	116	72	2.2	0.0
12/07/2023 0:20	1.4	103	39	2.5	0.0
12/07/2023 0:30	1.4	109	40	2.3	0.0
12/07/2023 0:40	1.2	29	46	2.1	0.0
12/07/2023 0:50	1.7	167	50	3.2	0.0
12/07/2023 1:00	4.4	183	9	6.1	0.0
12/07/2023 1:10	3.2	190	12	4.6	0.0
12/07/2023 1:20	3.9	184	14	5.2	0.0
12/07/2023 1:30	3.7	195	10	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 1:40	3.4	191	12	4.8	0.0
12/07/2023 1:50	3.6	186	10	5.0	0.0
12/07/2023 2:00	4.5	181	10	5.6	0.0
12/07/2023 2:10	4.9	191	9	6.2	0.0
12/07/2023 2:20	5.1	191	9	6.8	0.0
12/07/2023 2:30	5.0	194	8	6.8	0.0
12/07/2023 2:40	5.0	195	10	6.4	0.0
12/07/2023 2:50	5.0	194	10	6.8	0.0
12/07/2023 3:00	4.9	195	10	6.3	0.0
12/07/2023 3:10	4.9	196	9	6.4	0.0
12/07/2023 3:20	4.6	190	11	6.2	0.0
12/07/2023 3:30	4.7	194	9	6.0	0.0
12/07/2023 3:40	5.2	195	9	6.6	0.0
12/07/2023 3:50	5.1	197	7	6.3	0.0
12/07/2023 4:00	5.1	199	8	6.3	0.0
12/07/2023 4:10	5.6	197	8	7.0	0.0
12/07/2023 4:20	5.2	193	12	6.8	0.0
12/07/2023 4:30	4.0	192	13	5.6	0.0
12/07/2023 4:40	3.5	188	13	5.1	0.0
12/07/2023 4:50	3.0	186	14	4.1	0.0
12/07/2023 5:00	2.1	183	23	3.3	0.0
12/07/2023 5:10	1.7	176	27	2.7	0.0
12/07/2023 5:20	2.2	191	15	3.4	0.0
12/07/2023 5:30	2.3	192	18	3.2	0.0
12/07/2023 5:40	1.6	172	29	2.9	0.0
12/07/2023 5:50	1.7	173	39	3.0	0.0
12/07/2023 6:00	2.3	172	24	3.7	0.0
12/07/2023 6:10	2.0	177	27	3.6	0.0
12/07/2023 6:20	1.9	175	26	2.9	0.0
12/07/2023 6:30	2.2	171	31	4.0	0.0
12/07/2023 6:40	2.4	163	25	4.1	0.0
12/07/2023 6:50	2.2	182	21	3.5	0.0
12/07/2023 7:00	2.6	188	17	3.7	0.0
12/07/2023 7:10	2.7	187	16	4.4	0.0
12/07/2023 7:20	2.6	190	19	3.8	0.0
12/07/2023 7:30	2.4	178	22	3.8	0.0
12/07/2023 7:40	2.5	162	23	4.4	0.0
12/07/2023 7:50	2.4	163	22	4.0	0.0
12/07/2023 8:00	2.6	174	24	4.5	0.0
12/07/2023 8:10	3.3	191	15	4.4	0.0
12/07/2023 8:20	3.8	189	16	5.6	0.0
12/07/2023 8:30	3.9	189	17	5.6	0.0
12/07/2023 8:40	3.5	183	21	5.2	0.0
12/07/2023 8:50	3.4	184	15	5.2	0.0
12/07/2023 9:00	3.4	189	21	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 9:10	3.3	188	17	5.0	0.0
12/07/2023 9:20	2.3	169	30	4.6	0.0
12/07/2023 9:30	2.6	153	31	4.7	0.0
12/07/2023 9:40	2.8	146	25	4.6	0.0
12/07/2023 9:50	2.5	150	22	4.4	0.0
12/07/2023 10:00	2.3	145	25	3.9	0.0
12/07/2023 10:10	2.2	134	34	5.0	0.0
12/07/2023 10:20	2.4	134	35	4.2	0.0
12/07/2023 10:30	2.8	124	31	5.9	0.0
12/07/2023 10:40	2.7	123	25	5.2	0.0
12/07/2023 10:50	3.1	121	22	5.1	0.0
12/07/2023 11:00	3.1	120	19	4.6	0.0
12/07/2023 11:10	2.4	98	19	3.3	0.0
12/07/2023 11:20	2.2	88	19	3.2	0.0
12/07/2023 11:30	2.3	67	22	4.1	0.0
12/07/2023 11:40	1.9	49	18	2.7	0.0
12/07/2023 11:50	1.9	48	17	2.7	0.0
12/07/2023 12:00	1.8	60	18	2.8	0.0
12/07/2023 12:10	1.9	55	17	2.5	0.0
12/07/2023 12:20	2.0	52	15	2.6	0.0
12/07/2023 12:30	2.1	61	19	3.0	0.0
12/07/2023 12:40	2.2	55	15	3.3	0.0
12/07/2023 12:50	2.3	63	17	3.1	0.0
12/07/2023 13:00	2.6	60	16	3.6	0.0
12/07/2023 13:10	2.6	55	14	4.0	0.0
12/07/2023 13:20	2.9	53	15	4.4	0.0
12/07/2023 13:30	3.2	44	15	4.8	0.0
12/07/2023 13:40	3.2	48	13	4.5	0.0
12/07/2023 13:50	2.9	57	13	3.8	0.0
12/07/2023 14:00	2.7	60	14	3.6	0.0
12/07/2023 14:10	2.4	52	14	3.2	0.0
12/07/2023 14:20	2.6	51	13	3.3	0.0
12/07/2023 14:30	2.3	49	14	3.2	0.0
12/07/2023 14:40	2.4	52	12	3.3	0.0
12/07/2023 14:50	2.5	49	14	3.4	0.0
12/07/2023 15:00	2.8	53	13	3.6	0.0
12/07/2023 15:10	2.7	41	14	3.6	0.0
12/07/2023 15:20	2.4	51	13	3.4	0.0
12/07/2023 15:30	2.0	50	17	2.8	0.0
12/07/2023 15:40	2.0	48	15	2.8	0.0
12/07/2023 15:50	2.3	48	12	3.3	0.0
12/07/2023 16:00	2.0	47	17	3.0	0.0
12/07/2023 16:10	1.8	52	14	2.8	0.0
12/07/2023 16:20	1.7	67	15	2.5	0.0
12/07/2023 16:30	1.9	69	17	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/07/2023 16:40	1.8	74	24	3.1	0.0
12/07/2023 16:50	1.5	88	21	2.1	0.0
12/07/2023 17:00	1.6	84	26	2.7	0.0
12/07/2023 17:10	1.4	78	27	2.1	0.0
12/07/2023 17:20	1.2	79	25	2.3	0.0
12/07/2023 17:30	0.8	81	21	1.2	0.0
12/07/2023 17:40	0.8	93	16	1.4	0.0
12/07/2023 17:50	0.9	88	18	1.3	0.0
12/07/2023 18:00	1.1	93	22	2.0	0.0
12/07/2023 18:10	1.2	93	20	1.7	0.0
12/07/2023 18:20	1.3	89	17	2.0	0.0
12/07/2023 18:30	0.9	108	23	1.4	0.0
12/07/2023 18:40	0.6	128	23	1.2	0.0
12/07/2023 18:50	0.3	140	14	0.9	0.0
12/07/2023 19:00	0.5	101	11	0.9	0.0
12/07/2023 19:10	0.3	129	14	0.9	0.0
12/07/2023 19:20	0.8	164	13	1.1	0.0
12/07/2023 19:30	0.4	118	18	0.9	0.0
12/07/2023 19:40	0.6	105	6	1.1	0.0
12/07/2023 19:50	0.3	110	4	0.7	0.0
12/07/2023 20:00	0.7	146	8	1.3	0.0
12/07/2023 20:10	0.5	162	7	0.9	0.0
12/07/2023 20:20	0.3	62	8	0.6	0.0
12/07/2023 20:30	0.6	274	7	1.2	0.0
12/07/2023 20:40	0.5	284	11	1.1	0.0
12/07/2023 20:50	1.4	211	24	2.5	0.0
12/07/2023 21:00	1.9	215	14	2.6	0.0
12/07/2023 21:10	1.4	225	23	2.0	0.0
12/07/2023 21:20	1.0	305	45	1.7	0.0
12/07/2023 21:30	1.1	133	45	1.6	0.0
12/07/2023 21:40	1.3	335	15	1.6	0.0
12/07/2023 21:50	1.1	335	15	1.4	0.0
12/07/2023 22:00	0.9	335	17	1.5	0.0
12/07/2023 22:10	0.6	337	27	1.2	0.0
12/07/2023 22:20	1.0	351	8	1.4	0.0
12/07/2023 22:30	1.0	336	18	1.5	0.0
12/07/2023 22:40	0.6	175	57	1.2	0.0
12/07/2023 22:50	0.5	229	80	0.9	0.0
12/07/2023 23:00	0.8	337	12	1.4	0.0
12/07/2023 23:10	0.9	304	15	1.3	0.0
12/07/2023 23:20	0.4	335	13	1.3	0.0
12/07/2023 23:30	0.4	137	41	1.1	0.0
12/07/2023 23:40	0.9	183	32	1.3	0.0
12/07/2023 23:50	1.0	346	37	1.5	0.0
13/07/2023 0:00	0.5	358	83	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 0:10	0.2	140	29	0.8	0.0
13/07/2023 0:20	0.2	353	6	0.9	0.0
13/07/2023 0:30	0.5	16	56	1.4	0.0
13/07/2023 0:40					0.0
13/07/2023 0:50					0.0
13/07/2023 1:00	1.4	210	16	2.6	0.0
13/07/2023 1:10	1.6	228	39	2.1	0.0
13/07/2023 1:20	1.1	347	51	1.7	0.0
13/07/2023 1:30	1.5	295	40	2.2	0.0
13/07/2023 1:40	1.0	191	14	1.9	0.0
13/07/2023 1:50	0.7	183	49	1.3	0.0
13/07/2023 2:00	0.6	326	11	1.1	0.0
13/07/2023 2:10	0.7	2	51	1.5	0.0
13/07/2023 2:20	0.1	209	10	0.7	0.0
13/07/2023 2:30	0.7	181	53	1.6	0.0
13/07/2023 2:40	0.7	330	15	1.3	0.0
13/07/2023 2:50	1.2	317	13	1.6	0.0
13/07/2023 3:00	0.4	317	26	0.9	0.0
13/07/2023 3:10	0.6	322	15	1.2	0.0
13/07/2023 3:20	0.8	318	9	1.0	0.0
13/07/2023 3:30	0.6	330	11	1.4	0.0
13/07/2023 3:40	0.6	308	7	1.2	0.0
13/07/2023 3:50	0.8	315	16	1.2	0.0
13/07/2023 4:00	1.0	314	12	1.2	0.0
13/07/2023 4:10	0.8	314	15	1.2	0.0
13/07/2023 4:20	1.0	333	12	1.4	0.0
13/07/2023 4:30	1.0	338	18	1.4	0.0
13/07/2023 4:40	0.8	337	32	1.4	0.0
13/07/2023 4:50	1.4	332	9	2.0	0.0
13/07/2023 5:00	0.3	262	37	0.9	0.0
13/07/2023 5:10	0.8	332	38	1.3	0.0
13/07/2023 5:20	1.2	53	33	2.0	0.0
13/07/2023 5:30	1.9	102	19	2.9	0.0
13/07/2023 5:40	1.6	94	16	2.6	0.0
13/07/2023 5:50	2.4	100	13	3.2	0.0
13/07/2023 6:00	1.2	36	39	1.7	0.0
13/07/2023 6:10	0.8	189	32	1.2	0.0
13/07/2023 6:20	0.8	32	30	1.3	0.0
13/07/2023 6:30	1.5	101	15	2.2	0.0
13/07/2023 6:40	1.9	112	10	2.4	0.0
13/07/2023 6:50	1.9	108	10	2.8	0.0
13/07/2023 7:00	1.7	103	13	2.4	0.0
13/07/2023 7:10	2.0	105	10	2.5	0.0
13/07/2023 7:20	1.9	108	13	2.4	0.0
13/07/2023 7:30	2.1	104	10	2.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 7:40	2.1	110	13	2.8	0.0
13/07/2023 7:50	1.6	109	16	2.4	0.0
13/07/2023 8:00	1.9	102	16	2.8	0.0
13/07/2023 8:10	2.3	114	16	3.2	0.0
13/07/2023 8:20	2.4	116	16	3.7	0.0
13/07/2023 8:30	2.6	123	16	4.0	0.0
13/07/2023 8:40	2.5	113	14	3.5	0.0
13/07/2023 8:50	2.6	114	16	3.6	0.0
13/07/2023 9:00	2.5	117	15	3.5	0.0
13/07/2023 9:10	2.5	117	14	3.6	0.0
13/07/2023 9:20	2.4	119	15	3.3	0.0
13/07/2023 9:30	2.1	115	13	3.1	0.0
13/07/2023 9:40	1.9	99	23	2.9	0.0
13/07/2023 9:50	1.9	107	21	2.8	0.0
13/07/2023 10:00	2.1	113	25	3.3	0.0
13/07/2023 10:10	2.2	115	24	3.6	0.0
13/07/2023 10:20	2.0	103	25	3.1	0.0
13/07/2023 10:30	1.8	80	23	2.6	0.0
13/07/2023 10:40	2.1	52	13	2.8	0.0
13/07/2023 10:50	2.0	61	14	2.7	0.0
13/07/2023 11:00	2.4	54	13	3.2	0.0
13/07/2023 11:10	2.1	54	12	2.9	0.0
13/07/2023 11:20	2.2	53	11	2.8	0.0
13/07/2023 11:30	2.4	51	10	3.2	0.0
13/07/2023 11:40	2.1	52	15	2.8	0.0
13/07/2023 11:50	2.3	58	15	3.4	0.0
13/07/2023 12:00	2.6	57	13	3.3	0.0
13/07/2023 12:10	2.8	65	13	3.8	0.0
13/07/2023 12:20	3.0	57	15	4.0	0.0
13/07/2023 12:30	2.9	55	14	4.2	0.0
13/07/2023 12:40	3.3	47	13	4.7	0.0
13/07/2023 12:50	4.0	42	12	5.2	0.0
13/07/2023 13:00	4.0	46	12	5.2	0.0
13/07/2023 13:10	3.8	44	14	5.4	0.0
13/07/2023 13:20	4.1	44	13	5.7	0.0
13/07/2023 13:30	3.9	41	13	5.5	0.0
13/07/2023 13:40	3.8	39	12	5.2	0.0
13/07/2023 13:50	4.0	36	13	5.6	0.0
13/07/2023 14:00	4.1	38	13	5.6	0.0
13/07/2023 14:10	3.8	38	16	5.2	0.0
13/07/2023 14:20	3.8	38	11	5.5	0.0
13/07/2023 14:30	3.7	38	13	4.9	0.0
13/07/2023 14:40	3.6	38	14	5.2	0.0
13/07/2023 14:50	3.5	36	12	4.9	0.0
13/07/2023 15:00	3.4	41	14	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 15:10	3.1	43	13	4.3	0.0
13/07/2023 15:20	3.1	45	14	4.1	0.0
13/07/2023 15:30	3.3	45	13	4.5	0.0
13/07/2023 15:40	3.4	35	15	5.2	0.0
13/07/2023 15:50	4.0	36	13	5.9	0.0
13/07/2023 16:00	3.7	33	14	5.6	0.0
13/07/2023 16:10	4.3	29	13	6.3	0.0
13/07/2023 16:20	3.9	35	14	5.6	0.0
13/07/2023 16:30	4.0	34	14	5.9	0.0
13/07/2023 16:40	3.4	29	12	5.0	0.0
13/07/2023 16:50	3.2	30	13	4.4	0.0
13/07/2023 17:00	2.0	51	16	3.1	0.0
13/07/2023 17:10	1.1	84	16	1.7	0.0
13/07/2023 17:20	0.9	134	23	1.3	0.0
13/07/2023 17:30	1.0	167	16	1.5	0.0
13/07/2023 17:40	0.6	265	46	1.3	0.0
13/07/2023 17:50	0.7	299	42	1.4	0.0
13/07/2023 18:00	0.3	278	31	0.7	0.0
13/07/2023 18:10	0.8	291	24	1.2	0.0
13/07/2023 18:20	1.1	310	12	1.6	0.0
13/07/2023 18:30	0.8	265	15	1.2	0.0
13/07/2023 18:40	0.5	308	9	1.0	0.0
13/07/2023 18:50	0.1	346	5	0.7	0.0
13/07/2023 19:00	0.5	302	17	1.2	0.0
13/07/2023 19:10	0.9	294	19	1.8	0.0
13/07/2023 19:20	1.4	295	28	2.4	0.0
13/07/2023 19:30	1.0	271	18	2.0	0.0
13/07/2023 19:40	1.2	252	23	2.0	0.0
13/07/2023 19:50	1.2	257	14	1.8	0.0
13/07/2023 20:00	1.4	258	11	1.8	0.0
13/07/2023 20:10	1.3	247	15	1.8	0.0
13/07/2023 20:20	1.3	231	21	2.0	0.0
13/07/2023 20:30	1.5	233	17	2.0	0.0
13/07/2023 20:40	1.6	216	11	2.1	0.0
13/07/2023 20:50	1.9	210	6	2.3	0.0
13/07/2023 21:00	1.5	210	7	1.8	0.0
13/07/2023 21:10	1.3	223	10	1.6	0.0
13/07/2023 21:20	1.7	215	8	2.3	0.0
13/07/2023 21:30	1.9	219	10	2.5	0.0
13/07/2023 21:40	2.2	220	9	2.7	0.0
13/07/2023 21:50	1.0	203	23	1.8	0.0
13/07/2023 22:00	1.9	213	19	2.9	0.0
13/07/2023 22:10	2.5	212	17	4.2	0.0
13/07/2023 22:20	2.7	208	15	3.9	0.0
13/07/2023 22:30	2.4	216	22	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/07/2023 22:40	2.0	230	22	2.8	0.0
13/07/2023 22:50	1.6	245	23	2.3	0.0
13/07/2023 23:00	1.7	236	18	2.4	0.0
13/07/2023 23:10	1.8	277	8	2.2	0.0
13/07/2023 23:20	1.9	243	15	2.5	0.0
13/07/2023 23:30	0.7	271	42	1.5	0.0
13/07/2023 23:40	0.7	293	37	1.3	0.0
13/07/2023 23:50	1.5	274	13	2.0	0.0
14/07/2023 0:00	1.7	276	17	2.4	0.0
14/07/2023 0:10	1.5	231	63	3.8	0.0
14/07/2023 0:20	1.5	220	50	2.8	0.0
14/07/2023 0:30	1.4	296	42	2.1	0.0
14/07/2023 0:40	1.4	283	35	2.1	0.0
14/07/2023 0:50	2.1	281	9	2.6	0.0
14/07/2023 1:00	1.6	287	14	2.3	0.0
14/07/2023 1:10	2.0	282	11	2.5	0.0
14/07/2023 1:20	1.3	250	44	2.0	0.0
14/07/2023 1:30	1.5	237	38	2.7	0.0
14/07/2023 1:40	1.6	259	32	2.8	0.0
14/07/2023 1:50	1.5	296	31	2.2	0.0
14/07/2023 2:00	1.9	288	7	2.3	0.0
14/07/2023 2:10	1.6	289	11	2.1	0.0
14/07/2023 2:20	1.7	286	12	2.2	0.0
14/07/2023 2:30	1.3	286	20	2.0	0.0
14/07/2023 2:40	1.0	326	51	1.8	0.0
14/07/2023 2:50	1.5	289	40	2.4	0.0
14/07/2023 3:00	2.4	284	17	3.1	0.0
14/07/2023 3:10	1.7	241	39	3.1	0.0
14/07/2023 3:20	2.2	209	21	3.2	0.0
14/07/2023 3:30	1.8	215	42	3.2	0.0
14/07/2023 3:40	1.3	239	78	2.8	0.0
14/07/2023 3:50	1.5	215	45	3.1	0.0
14/07/2023 4:00	0.9	272	76	2.0	0.0
14/07/2023 4:10	1.3	195	55	2.6	0.0
14/07/2023 4:20	1.4	186	47	2.3	0.0
14/07/2023 4:30	1.1	8	34	1.6	0.0
14/07/2023 4:40	0.7	183	40	1.4	0.0
14/07/2023 4:50	0.8	181	33	1.4	0.0
14/07/2023 5:00	0.8	336	45	1.3	0.0
14/07/2023 5:10	0.3	189	6	1.2	0.0
14/07/2023 5:20	0.2	158	7	1.2	0.0
14/07/2023 5:30					0.0
14/07/2023 5:40					0.0
14/07/2023 5:50	0.1	59	9	0.6	0.0
14/07/2023 6:00	0.2	73	4	0.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 6:10	1.0	60	20	1.7	0.0
14/07/2023 6:20	0.2	38	12	0.8	0.0
14/07/2023 6:30	0.4	140	19	1.1	0.0
14/07/2023 6:40	0.5	279	22	0.8	0.0
14/07/2023 6:50	0.4	242	20	0.9	0.0
14/07/2023 7:00	0.9	357	32	1.5	0.0
14/07/2023 7:10	0.7	313	65	1.2	0.0
14/07/2023 7:20	0.9	313	24	1.5	0.0
14/07/2023 7:30	1.0	259	53	1.7	0.0
14/07/2023 7:40	1.7	174	41	2.9	0.0
14/07/2023 7:50	2.3	163	19	3.4	0.0
14/07/2023 8:00	2.5	155	15	3.4	0.0
14/07/2023 8:10	1.7	157	23	2.7	0.0
14/07/2023 8:20	1.4	116	18	2.5	0.0
14/07/2023 8:30	1.8	105	18	3.1	0.0
14/07/2023 8:40	1.4	105	26	2.3	0.0
14/07/2023 8:50	1.4	98	26	2.3	0.0
14/07/2023 9:00	1.4	104	29	2.4	0.0
14/07/2023 9:10	1.2	112	39	2.0	0.0
14/07/2023 9:20	1.4	116	33	2.4	0.0
14/07/2023 9:30	1.4	108	47	2.4	0.0
14/07/2023 9:40	2.2	140	23	3.5	0.0
14/07/2023 9:50	2.0	145	33	3.6	0.0
14/07/2023 10:00	2.2	112	28	4.0	0.0
14/07/2023 10:10	2.0	108	35	3.2	0.0
14/07/2023 10:20	2.4	131	26	3.9	0.0
14/07/2023 10:30	2.4	126	22	3.7	0.0
14/07/2023 10:40	2.6	144	23	4.1	0.0
14/07/2023 10:50	2.9	156	22	4.4	0.0
14/07/2023 11:00	2.6	148	22	4.0	0.0
14/07/2023 11:10	2.5	155	20	3.5	0.0
14/07/2023 11:20	2.5	157	23	4.0	0.0
14/07/2023 11:30	2.4	137	21	4.0	0.0
14/07/2023 11:40	2.6	119	29	4.4	0.0
14/07/2023 11:50	3.0	66	13	4.3	0.0
14/07/2023 12:00	1.8	110	18	2.4	0.0
14/07/2023 12:10	1.9	85	22	2.7	0.0
14/07/2023 12:20	2.2	64	10	3.7	0.0
14/07/2023 12:30	2.4	71	21	4.7	0.0
14/07/2023 12:40	2.8	66	13	4.0	0.0
14/07/2023 12:50	3.1	71	11	4.4	0.0
14/07/2023 13:00	2.8	68	15	4.0	0.0
14/07/2023 13:10	2.5	63	18	4.0	0.0
14/07/2023 13:20	2.5	65	16	3.4	0.0
14/07/2023 13:30	2.5	66	13	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 13:40	2.6	67	14	3.7	0.0
14/07/2023 13:50	2.9	61	13	4.1	0.0
14/07/2023 14:00	2.7	68	12	4.1	0.0
14/07/2023 14:10	3.2	69	12	4.8	0.0
14/07/2023 14:20	2.7	55	16	3.8	0.0
14/07/2023 14:30	3.2	62	12	4.6	0.0
14/07/2023 14:40	2.9	55	13	4.0	0.0
14/07/2023 14:50	3.0	59	10	3.9	0.0
14/07/2023 15:00	3.1	190	23	4.4	0.0
14/07/2023 15:10	2.8	332	20	4.3	0.0
14/07/2023 15:20	2.8	286	23	4.1	0.0
14/07/2023 15:30	2.2	291	25	3.5	0.0
14/07/2023 15:40	2.4	287	23	3.6	0.0
14/07/2023 15:50	2.7	298	21	3.9	0.0
14/07/2023 16:00	2.6	296	20	3.9	0.0
14/07/2023 16:10	2.7	285	19	4.0	0.0
14/07/2023 16:20	2.8	278	25	4.6	0.0
14/07/2023 16:30	2.8	278	21	4.0	0.0
14/07/2023 16:40	2.8	275	21	4.2	0.0
14/07/2023 16:50	2.1	282	27	3.7	0.0
14/07/2023 17:00	2.2	270	27	4.0	0.0
14/07/2023 17:10	2.0	276	25	3.2	0.0
14/07/2023 17:20	2.0	305	23	3.1	0.0
14/07/2023 17:30	2.5	300	16	3.4	0.0
14/07/2023 17:40	2.2	294	17	3.2	0.0
14/07/2023 17:50	1.5	264	34	2.7	0.0
14/07/2023 18:00	1.5	285	25	2.4	0.0
14/07/2023 18:10	1.8	278	28	3.1	0.0
14/07/2023 18:20	1.8	272	18	2.8	0.0
14/07/2023 18:30	1.7	260	18	2.5	0.0
14/07/2023 18:40	1.3	269	24	2.0	0.0
14/07/2023 18:50	1.3	245	25	1.8	0.0
14/07/2023 19:00	1.4	266	18	2.1	0.0
14/07/2023 19:10	1.0	285	25	1.6	0.0
14/07/2023 19:20	1.5	265	21	2.4	0.0
14/07/2023 19:30	1.6	243	29	2.8	0.0
14/07/2023 19:40	2.0	207	19	2.8	0.0
14/07/2023 19:50	1.4	212	22	2.2	0.0
14/07/2023 20:00	1.7	217	16	2.5	0.0
14/07/2023 20:10	1.7	239	24	2.4	0.0
14/07/2023 20:20	2.0	214	9	2.6	0.0
14/07/2023 20:30	1.9	229	15	2.4	0.0
14/07/2023 20:40	1.6	230	18	2.2	0.0
14/07/2023 20:50	1.5	217	16	2.1	0.0
14/07/2023 21:00	1.3	239	18	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/07/2023 21:10	1.1	239	22	1.6	0.0
14/07/2023 21:20	0.9	270	12	1.5	0.0
14/07/2023 21:30	1.1	259	14	1.6	0.0
14/07/2023 21:40	1.4	262	12	1.8	0.0
14/07/2023 21:50	1.7	263	12	2.4	0.0
14/07/2023 22:00	1.9	255	16	2.8	0.0
14/07/2023 22:10	2.1	247	21	3.2	0.0
14/07/2023 22:20	2.4	232	25	4.2	0.0
14/07/2023 22:30	2.6	217	22	4.0	0.0
14/07/2023 22:40	3.4	209	17	5.2	0.0
14/07/2023 22:50	3.8	209	17	5.7	0.0
14/07/2023 23:00	4.1	202	14	5.7	0.0
14/07/2023 23:10	4.3	198	12	6.1	0.0
14/07/2023 23:20	4.4	200	14	7.3	0.0
14/07/2023 23:30	4.5	202	13	7.1	0.0
14/07/2023 23:40	4.4	204	13	6.1	0.0
14/07/2023 23:50	5.0	202	13	7.3	0.0
15/07/2023 0:00	5.4	204	13	6.8	0.0
15/07/2023 0:10	5.5	201	12	7.5	0.0
15/07/2023 0:20	5.3	200	12	7.5	0.0
15/07/2023 0:30	5.3	199	11	7.2	0.0
15/07/2023 0:40	5.1	197	12	6.4	0.0
15/07/2023 0:50	5.3	195	12	7.1	0.0
15/07/2023 1:00	5.5	197	12	7.3	0.0
15/07/2023 1:10	5.9	198	10	7.7	0.0
15/07/2023 1:20	5.6	197	11	7.2	0.0
15/07/2023 1:30	5.4	197	12	7.2	0.0
15/07/2023 1:40	5.2	196	12	6.8	0.0
15/07/2023 1:50	5.2	197	12	6.8	0.0
15/07/2023 2:00	4.6	196	13	6.5	0.0
15/07/2023 2:10	4.0	195	15	5.6	0.0
15/07/2023 2:20	3.8	197	13	5.6	0.0
15/07/2023 2:30	3.5	195	17	5.3	0.0
15/07/2023 2:40	3.0	183	21	4.6	0.0
15/07/2023 2:50	2.2	176	27	4.2	0.0
15/07/2023 3:00	2.3	148	28	4.1	0.0
15/07/2023 3:10	2.8	134	22	4.5	0.0
15/07/2023 3:20	2.4	132	27	4.5	0.0
15/07/2023 3:30	2.2	128	36	3.9	0.0
15/07/2023 3:40	2.4	103	29	4.0	0.0
15/07/2023 3:50	2.4	103	24	4.7	0.0
15/07/2023 4:00	2.7	110	22	4.6	0.0
15/07/2023 4:10	2.3	117	16	3.9	0.0
15/07/2023 4:20	1.9	105	18	3.6	0.0
15/07/2023 4:30	2.2	84	14	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 4:40	2.4	84	16	3.6	0.0
15/07/2023 4:50	1.7	77	16	2.6	0.0
15/07/2023 5:00	2.4	87	15	4.0	0.0
15/07/2023 5:10	2.8	80	18	4.8	0.0
15/07/2023 5:20	3.0	82	15	4.5	0.0
15/07/2023 5:30	2.8	80	15	4.2	0.0
15/07/2023 5:40	2.2	89	20	3.3	0.0
15/07/2023 5:50	2.3	89	23	3.7	0.0
15/07/2023 6:00	2.7	87	19	4.0	0.0
15/07/2023 6:10	3.1	80	17	4.4	0.0
15/07/2023 6:20	2.8	89	19	4.2	0.0
15/07/2023 6:30	3.2	74	14	4.6	0.0
15/07/2023 6:40	3.4	74	14	4.5	0.0
15/07/2023 6:50	3.3	71	13	4.8	0.0
15/07/2023 7:00	3.3	78	15	5.2	0.0
15/07/2023 7:10	3.3	75	14	5.1	0.0
15/07/2023 7:20	3.5	80	19	5.4	0.0
15/07/2023 7:30	3.5	83	18	5.4	0.0
15/07/2023 7:40	3.7	85	18	7.2	0.0
15/07/2023 7:50	4.2	94	24	8.9	0.0
15/07/2023 8:00	3.9	95	26	6.3	0.0
15/07/2023 8:10	4.3	93	27	7.0	0.0
15/07/2023 8:20	4.5	95	24	8.7	0.0
15/07/2023 8:30	4.5	88	22	7.7	0.0
15/07/2023 8:40	4.4	86	22	7.0	0.0
15/07/2023 8:50	3.9	91	18	7.2	0.0
15/07/2023 9:00	4.5	95	22	8.1	0.0
15/07/2023 9:10	4.3	92	20	6.7	0.0
15/07/2023 9:20	4.5	88	20	7.1	0.0
15/07/2023 9:30	5.4	82	18	8.5	0.0
15/07/2023 9:40	5.5	86	17	9.2	0.0
15/07/2023 9:50	5.3	87	15	9.2	0.0
15/07/2023 10:00	6.2	82	14	8.6	0.0
15/07/2023 10:10	5.8	81	13	8.1	0.0
15/07/2023 10:20	5.6	80	14	8.0	0.0
15/07/2023 10:30	5.6	83	15	8.4	0.0
15/07/2023 10:40	5.6	85	16	8.7	0.0
15/07/2023 10:50	5.9	82	16	7.9	0.0
15/07/2023 11:00	6.0	85	12	8.8	0.0
15/07/2023 11:10	5.6	83	14	8.5	0.0
15/07/2023 11:20	5.8	84	16	8.3	0.0
15/07/2023 11:30	5.5	81	14	8.0	0.0
15/07/2023 11:40	5.4	82	14	8.3	0.0
15/07/2023 11:50	4.6	82	15	6.7	0.0
15/07/2023 12:00	5.1	82	12	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 12:10	5.2	80	14	7.0	0.0
15/07/2023 12:20	4.4	81	14	5.7	0.0
15/07/2023 12:30	3.8	78	16	5.3	0.0
15/07/2023 12:40	4.1	73	15	5.7	0.0
15/07/2023 12:50	3.9	65	11	5.2	0.0
15/07/2023 13:00	4.0	58	10	5.3	0.0
15/07/2023 13:10	4.3	58	12	5.3	0.0
15/07/2023 13:20	3.4	60	15	4.8	0.0
15/07/2023 13:30	3.7	56	12	5.1	0.0
15/07/2023 13:40	3.6	55	13	5.2	0.0
15/07/2023 13:50	3.7	51	14	5.2	0.0
15/07/2023 14:00	4.1	48	11	5.6	0.0
15/07/2023 14:10	4.1	46	12	5.8	0.0
15/07/2023 14:20	3.8	44	12	5.2	0.0
15/07/2023 14:30	3.9	45	15	5.5	0.0
15/07/2023 14:40	4.1	44	13	5.8	0.0
15/07/2023 14:50	3.9	41	13	5.4	0.0
15/07/2023 15:00	3.9	45	13	5.5	0.0
15/07/2023 15:10	3.9	43	11	5.6	0.0
15/07/2023 15:20	3.4	45	15	4.5	0.0
15/07/2023 15:30	3.8	43	12	5.2	0.0
15/07/2023 15:40	3.6	43	12	5.4	0.0
15/07/2023 15:50	3.7	47	12	5.5	0.0
15/07/2023 16:00	3.5	44	14	4.7	0.0
15/07/2023 16:10	3.2	47	15	4.6	0.0
15/07/2023 16:20	3.1	48	13	4.3	0.0
15/07/2023 16:30	2.7	49	15	4.1	0.0
15/07/2023 16:40	2.2	55	14	3.7	0.0
15/07/2023 16:50	2.2	57	14	3.2	0.0
15/07/2023 17:00	2.2	53	16	3.2	0.0
15/07/2023 17:10	1.6	60	20	2.5	0.0
15/07/2023 17:20	1.6	61	17	2.5	0.0
15/07/2023 17:30	1.3	66	17	2.0	0.0
15/07/2023 17:40	1.2	96	21	1.9	0.0
15/07/2023 17:50	1.1	107	19	1.6	0.0
15/07/2023 18:00	1.1	102	15	1.6	0.0
15/07/2023 18:10	1.2	97	20	1.8	0.0
15/07/2023 18:20	1.3	89	21	2.0	0.0
15/07/2023 18:30	1.3	93	23	1.8	0.0
15/07/2023 18:40	1.3	99	24	2.4	0.0
15/07/2023 18:50	1.3	89	20	2.0	0.0
15/07/2023 19:00	1.4	102	17	2.2	0.0
15/07/2023 19:10	1.1	110	16	1.6	0.0
15/07/2023 19:20	1.1	116	20	1.6	0.0
15/07/2023 19:30	0.9	102	16	1.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/07/2023 19:40	0.7	97	12	1.0	0.0
15/07/2023 19:50	0.9	79	15	1.4	0.0
15/07/2023 20:00	0.7	83	22	1.3	0.0
15/07/2023 20:10	0.4	96	13	0.8	0.0
15/07/2023 20:20	0.8	91	16	1.2	0.0
15/07/2023 20:30	0.5	80	10	1.2	0.0
15/07/2023 20:40	0.5	81	15	1.0	0.0
15/07/2023 20:50	1.1	88	11	1.3	0.0
15/07/2023 21:00	0.9	75	12	1.4	0.0
15/07/2023 21:10	0.7	72	14	1.5	0.0
15/07/2023 21:20	1.0	63	14	1.7	0.0
15/07/2023 21:30	1.1	54	17	1.7	0.0
15/07/2023 21:40	1.2	58	13	1.9	0.0
15/07/2023 21:50	0.6	68	14	1.3	0.0
15/07/2023 22:00	1.0	66	15	1.7	0.0
15/07/2023 22:10	1.6	93	19	2.9	0.0
15/07/2023 22:20	2.1	101	18	3.6	0.0
15/07/2023 22:30	2.4	91	16	3.6	0.0
15/07/2023 22:40	2.0	85	20	3.5	0.0
15/07/2023 22:50	3.3	83	12	5.1	0.0
15/07/2023 23:00	3.5	83	14	4.8	0.0
15/07/2023 23:10	2.4	93	24	4.5	0.0
15/07/2023 23:20	2.8	88	20	4.5	0.0
15/07/2023 23:30	4.1	87	20	6.9	0.0
15/07/2023 23:40	3.9	95	26	7.0	0.0
15/07/2023 23:50	3.9	95	26	6.4	0.0
16/07/2023 0:00	3.9	107	29	6.7	0.0
16/07/2023 0:10	4.1	103	27	8.3	0.0
16/07/2023 0:20	4.3	102	28	8.3	0.0
16/07/2023 0:30	5.3	104	24	8.3	0.0
16/07/2023 0:40	4.8	104	24	7.8	0.0
16/07/2023 0:50	4.9	104	23	8.2	0.0
16/07/2023 1:00	5.3	104	26	10.1	0.0
16/07/2023 1:10	4.7	101	26	7.8	0.0
16/07/2023 1:20	5.0	101	21	8.1	0.0
16/07/2023 1:30	5.0	106	27	8.5	0.0
16/07/2023 1:40	4.2	110	27	7.8	0.0
16/07/2023 1:50	4.3	113	25	7.7	0.0
16/07/2023 2:00	4.5	114	24	8.4	0.0
16/07/2023 2:10	4.6	110	27	7.9	0.0
16/07/2023 2:20	4.8	116	27	7.6	0.0
16/07/2023 2:30	4.4	108	26	8.5	0.0
16/07/2023 2:40	4.4	112	24	7.2	0.0
16/07/2023 2:50	4.6	106	24	7.9	0.0
16/07/2023 3:00	4.6	104	23	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 3:10	4.8	112	24	7.3	0.0
16/07/2023 3:20	4.5	109	23	8.0	0.0
16/07/2023 3:30	4.4	108	27	7.5	0.0
16/07/2023 3:40	4.8	114	27	7.6	0.0
16/07/2023 3:50	4.6	111	22	8.3	0.0
16/07/2023 4:00	4.4	110	29	7.4	0.0
16/07/2023 4:10	4.5	110	23	6.9	0.0
16/07/2023 4:20	4.6	113	20	7.9	0.0
16/07/2023 4:30	4.3	112	25	7.2	0.0
16/07/2023 4:40	4.3	113	24	7.2	0.0
16/07/2023 4:50	4.2	110	24	6.7	0.0
16/07/2023 5:00	4.0	107	25	6.7	0.0
16/07/2023 5:10	4.2	108	26	7.4	0.0
16/07/2023 5:20	4.2	110	24	7.6	0.0
16/07/2023 5:30	3.8	112	24	6.9	0.0
16/07/2023 5:40	4.4	111	27	8.9	0.0
16/07/2023 5:50	4.5	116	24	6.9	0.0
16/07/2023 6:00	4.1	107	25	6.6	0.0
16/07/2023 6:10	4.7	109	28	7.5	0.0
16/07/2023 6:20	4.5	114	25	7.8	0.0
16/07/2023 6:30	4.7	119	22	7.7	0.0
16/07/2023 6:40	4.0	110	17	6.6	0.0
16/07/2023 6:50	3.8	111	21	6.2	0.0
16/07/2023 7:00	3.8	108	23	7.4	0.0
16/07/2023 7:10	4.1	110	21	6.6	0.0
16/07/2023 7:20	4.1	106	23	6.4	0.0
16/07/2023 7:30	4.3	106	21	6.5	0.0
16/07/2023 7:40	4.1	113	20	6.5	0.0
16/07/2023 7:50	4.0	113	21	6.4	0.0
16/07/2023 8:00	3.9	111	18	6.0	0.0
16/07/2023 8:10	3.9	103	20	6.2	0.0
16/07/2023 8:20	4.2	104	21	6.9	0.0
16/07/2023 8:30	3.8	106	24	7.0	0.0
16/07/2023 8:40	4.4	108	22	6.7	0.0
16/07/2023 8:50	4.4	109	23	6.8	0.0
16/07/2023 9:00	4.5	104	22	7.2	0.0
16/07/2023 9:10	4.9	110	18	7.9	0.0
16/07/2023 9:20	4.6	111	18	7.1	0.0
16/07/2023 9:30	4.7	108	21	6.7	0.0
16/07/2023 9:40	3.9	105	23	6.8	0.0
16/07/2023 9:50	4.0	106	19	6.4	0.0
16/07/2023 10:00	4.3	100	19	6.2	0.0
16/07/2023 10:10	5.6	80	13	7.3	0.0
16/07/2023 10:20	4.8	85	15	6.9	0.0
16/07/2023 10:30	4.5	84	15	6.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 10:40	4.5	85	15	6.7	0.0
16/07/2023 10:50	4.5	83	14	6.3	0.0
16/07/2023 11:00	4.8	83	14	6.3	0.0
16/07/2023 11:10	4.9	83	14	6.7	0.0
16/07/2023 11:20	4.5	84	13	6.2	0.0
16/07/2023 11:30	4.0	86	12	5.4	0.0
16/07/2023 11:40	3.5	79	15	4.8	0.0
16/07/2023 11:50	3.7	77	15	5.4	0.0
16/07/2023 12:00	3.8	75	12	5.2	0.0
16/07/2023 12:10	3.9	69	14	5.5	0.0
16/07/2023 12:20	3.4	67	16	4.7	0.0
16/07/2023 12:30	4.1	56	11	5.4	0.0
16/07/2023 12:40	4.3	59	11	5.3	0.0
16/07/2023 12:50	4.3	60	9	5.3	0.0
16/07/2023 13:00	3.5	61	12	4.7	0.0
16/07/2023 13:10	3.7	50	13	4.9	0.0
16/07/2023 13:20	3.7	49	14	5.3	0.0
16/07/2023 13:30	3.6	52	10	4.8	0.0
16/07/2023 13:40	3.1	50	14	4.4	0.0
16/07/2023 13:50	3.2	45	13	4.8	0.0
16/07/2023 14:00	3.1	47	15	4.4	0.0
16/07/2023 14:10	3.2	50	16	4.4	0.0
16/07/2023 14:20	3.2	56	14	4.6	0.0
16/07/2023 14:30	3.1	52	14	4.2	0.0
16/07/2023 14:40	3.6	54	12	4.8	0.0
16/07/2023 14:50	3.3	51	14	4.8	0.0
16/07/2023 15:00	3.3	51	13	4.4	0.0
16/07/2023 15:10	3.2	49	14	4.5	0.0
16/07/2023 15:20	3.1	46	15	4.4	0.0
16/07/2023 15:30	3.1	47	13	4.4	0.0
16/07/2023 15:40	3.1	48	13	4.2	0.0
16/07/2023 15:50	2.6	46	15	3.5	0.0
16/07/2023 16:00	2.4	40	18	3.9	0.0
16/07/2023 16:10	2.1	54	15	3.0	0.0
16/07/2023 16:20	2.4	50	13	3.2	0.0
16/07/2023 16:30	1.9	55	15	2.8	0.0
16/07/2023 16:40	1.5	44	17	2.3	0.0
16/07/2023 16:50	1.5	54	18	2.0	0.0
16/07/2023 17:00	1.3	57	18	2.1	0.0
16/07/2023 17:10	0.4	162	31	1.0	0.0
16/07/2023 17:20	0.8	197	20	1.2	0.0
16/07/2023 17:30	0.2	254	17	0.8	0.0
16/07/2023 17:40	0.1	220	7	0.4	0.0
16/07/2023 17:50	0.5	208	31	0.8	0.0
16/07/2023 18:00	0.2	208	10	0.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/07/2023 18:10	0.4	177	7	1.0	0.0
16/07/2023 18:20	0.4	257	28	0.8	0.0
16/07/2023 18:30	0.1	4	20	0.6	0.0
16/07/2023 18:40					0.0
16/07/2023 18:50					0.0
16/07/2023 19:00	0.4	288	11	1.7	0.0
16/07/2023 19:10	1.9	253	8	2.5	0.0
16/07/2023 19:20	0.6	233	20	1.6	0.0
16/07/2023 19:30	1.5	263	9	2.3	0.0
16/07/2023 19:40	1.8	246	10	2.4	0.0
16/07/2023 19:50	1.6	274	14	2.2	0.0
16/07/2023 20:00	1.2	166	29	1.6	0.0
16/07/2023 20:10	0.3	184	33	0.7	0.0
16/07/2023 20:20	1.2	134	39	2.0	0.0
16/07/2023 20:30	0.9	135	42	1.7	0.0
16/07/2023 20:40	0.4	253	26	0.9	0.0
16/07/2023 20:50	1.3	255	16	1.9	0.0
16/07/2023 21:00	1.8	241	12	2.7	0.0
16/07/2023 21:10	1.7	233	11	2.1	0.0
16/07/2023 21:20	1.6	240	33	2.6	0.0
16/07/2023 21:30	2.8	227	22	4.0	0.0
16/07/2023 21:40	2.6	260	12	3.6	0.0
16/07/2023 21:50	2.2	281	14	2.8	0.0
16/07/2023 22:00	1.9	271	13	2.4	0.0
16/07/2023 22:10	2.1	274	11	2.7	0.0
16/07/2023 22:20	1.9	282	7	2.4	0.0
16/07/2023 22:30	1.2	292	38	1.6	0.0
16/07/2023 22:40	1.4	224	18	2.2	0.0
16/07/2023 22:50	1.7	248	32	3.0	0.0
16/07/2023 23:00	1.7	255	28	2.8	0.0
16/07/2023 23:10	1.6	243	23	2.6	0.0
16/07/2023 23:20	1.7	277	12	2.2	0.0
16/07/2023 23:30	1.5	284	10	2.0	0.0
16/07/2023 23:40	0.6	101	54	1.0	0.0
16/07/2023 23:50	1.6	229	29	3.6	0.0
17/07/2023 0:00	3.4	208	13	4.9	0.0
17/07/2023 0:10	3.7	207	13	5.0	0.0
17/07/2023 0:20	4.3	200	10	5.3	0.0
17/07/2023 0:30	4.5	196	9	5.8	0.0
17/07/2023 0:40	4.9	194	10	6.0	0.0
17/07/2023 0:50	4.4	194	10	6.3	0.0
17/07/2023 1:00	3.1	179	19	4.4	0.0
17/07/2023 1:10	2.4	156	20	4.2	0.0
17/07/2023 1:20	2.8	153	22	4.6	0.0
17/07/2023 1:30	3.0	141	21	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 1:40	2.7	120	24	4.6	0.0
17/07/2023 1:50	2.4	142	28	4.0	0.0
17/07/2023 2:00	1.8	111	25	3.2	0.0
17/07/2023 2:10	2.2	93	15	3.2	0.0
17/07/2023 2:20	1.9	111	15	2.7	0.0
17/07/2023 2:30	1.9	116	13	2.8	0.0
17/07/2023 2:40	1.7	132	17	2.6	0.0
17/07/2023 2:50	1.5	139	18	2.7	0.0
17/07/2023 3:00	1.9	137	25	3.1	0.0
17/07/2023 3:10	2.5	158	18	3.7	0.0
17/07/2023 3:20	2.0	158	14	3.1	0.0
17/07/2023 3:30	2.4	156	16	3.6	0.0
17/07/2023 3:40	2.5	161	15	3.4	0.0
17/07/2023 3:50	1.9	150	18	2.9	0.0
17/07/2023 4:00	1.6	146	17	3.1	0.0
17/07/2023 4:10	2.0	152	18	2.8	0.0
17/07/2023 4:20	1.3	150	20	2.0	0.0
17/07/2023 4:30	1.7	152	19	2.7	0.0
17/07/2023 4:40	1.6	177	23	2.4	0.0
17/07/2023 4:50	1.8	175	21	2.6	0.0
17/07/2023 5:00	2.3	180	16	3.6	0.0
17/07/2023 5:10	3.2	188	12	4.4	0.0
17/07/2023 5:20	3.5	189	12	4.9	0.0
17/07/2023 5:30	3.0	187	14	4.2	0.0
17/07/2023 5:40	2.7	180	15	3.7	0.0
17/07/2023 5:50	2.7	177	17	3.9	0.0
17/07/2023 6:00	2.7	182	14	3.7	0.0
17/07/2023 6:10	2.6	183	15	4.4	0.0
17/07/2023 6:20	3.0	188	14	4.3	0.0
17/07/2023 6:30	3.1	186	15	4.4	0.0
17/07/2023 6:40	3.3	190	15	4.6	0.0
17/07/2023 6:50	3.2	192	13	4.5	0.0
17/07/2023 7:00	3.3	186	15	4.8	0.0
17/07/2023 7:10	2.3	173	24	3.6	0.0
17/07/2023 7:20	1.9	169	26	3.5	0.0
17/07/2023 7:30	1.9	158	30	3.6	0.0
17/07/2023 7:40	2.1	150	26	3.9	0.0
17/07/2023 7:50	1.8	158	27	3.3	0.0
17/07/2023 8:00	1.6	141	30	3.1	0.0
17/07/2023 8:10	2.0	135	25	3.6	0.0
17/07/2023 8:20	1.9	134	35	3.2	0.0
17/07/2023 8:30	1.8	140	30	3.1	0.0
17/07/2023 8:40	1.8	114	34	4.0	0.0
17/07/2023 8:50	2.2	109	26	3.7	0.0
17/07/2023 9:00	1.9	128	26	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 9:10	2.3	111	33	4.3	0.0
17/07/2023 9:20	2.1	112	32	4.4	0.0
17/07/2023 9:30	2.5	112	28	4.1	0.0
17/07/2023 9:40	2.3	113	28	3.9	0.0
17/07/2023 9:50	2.6	129	20	4.4	0.0
17/07/2023 10:00	2.6	124	19	3.9	0.0
17/07/2023 10:10	2.5	126	16	3.6	0.0
17/07/2023 10:20	2.4	118	16	3.4	0.0
17/07/2023 10:30	2.6	116	13	3.5	0.0
17/07/2023 10:40	2.4	113	18	3.3	0.0
17/07/2023 10:50	2.4	112	16	3.6	0.0
17/07/2023 11:00	2.3	109	22	4.0	0.0
17/07/2023 11:10	2.2	52	15	2.8	0.0
17/07/2023 11:20	1.9	59	19	2.6	0.0
17/07/2023 11:30	2.1	52	11	2.5	0.0
17/07/2023 11:40	1.9	56	12	2.5	0.0
17/07/2023 11:50	1.8	53	11	2.4	0.0
17/07/2023 12:00	2.0	39	18	2.6	0.0
17/07/2023 12:10	1.9	47	19	2.8	0.0
17/07/2023 12:20	2.0	57	23	3.1	0.0
17/07/2023 12:30	2.4	52	17	3.5	0.0
17/07/2023 12:40	2.8	47	16	3.8	0.0
17/07/2023 12:50	2.7	47	15	3.9	0.0
17/07/2023 13:00	2.6	55	12	3.6	0.0
17/07/2023 13:10	2.5	56	12	3.2	0.0
17/07/2023 13:20	2.5	47	16	3.2	0.0
17/07/2023 13:30	2.5	60	14	3.3	0.0
17/07/2023 13:40	2.7	50	14	3.6	0.0
17/07/2023 13:50	2.6	59	12	3.5	0.0
17/07/2023 14:00	2.9	57	11	3.6	0.0
17/07/2023 14:10	2.6	54	13	3.4	0.0
17/07/2023 14:20	2.6	47	13	3.6	0.0
17/07/2023 14:30	2.5	50	13	3.6	0.0
17/07/2023 14:40	2.6	51	14	3.3	0.0
17/07/2023 14:50	2.7	53	12	3.5	0.0
17/07/2023 15:00	2.5	55	12	3.2	0.0
17/07/2023 15:10	2.5	67	10	3.3	0.0
17/07/2023 15:20	2.2	67	12	2.9	0.0
17/07/2023 15:30	1.8	56	15	2.4	0.0
17/07/2023 15:40	1.8	62	15	2.4	0.0
17/07/2023 15:50	2.2	57	13	2.9	0.0
17/07/2023 16:00	2.2	54	14	3.0	0.0
17/07/2023 16:10	2.1	63	18	3.1	0.0
17/07/2023 16:20	2.0	56	16	2.9	0.0
17/07/2023 16:30	1.8	52	16	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/07/2023 16:40	2.1	194	18	3.0	0.0
17/07/2023 16:50	2.2	293	22	3.7	0.0
17/07/2023 17:00	2.3	293	20	3.3	0.0
17/07/2023 17:10	1.8	310	17	2.8	0.0
17/07/2023 17:20	1.7	296	20	2.8	0.0
17/07/2023 17:30	1.9	272	26	2.8	0.0
17/07/2023 17:40	1.8	269	28	3.0	0.0
17/07/2023 17:50	2.0	268	28	3.3	0.0
17/07/2023 18:00	1.9	274	24	3.2	0.0
17/07/2023 18:10	1.8	284	18	2.6	0.0
17/07/2023 18:20	1.4	250	42	2.7	0.0
17/07/2023 18:30	1.9	274	35	3.1	0.0
17/07/2023 18:40	2.4	280	19	3.6	0.0
17/07/2023 18:50	1.8	275	34	3.2	0.0
17/07/2023 19:00	1.1	246	50	2.0	0.0
17/07/2023 19:10	1.3	230	38	2.5	0.0
17/07/2023 19:20	1.4	228	34	2.3	0.0
17/07/2023 19:30	1.6	220	30	2.8	0.0
17/07/2023 19:40	1.5	214	33	2.3	0.0
17/07/2023 19:50	1.4	236	36	2.2	0.0
17/07/2023 20:00	1.8	268	21	2.8	0.0
17/07/2023 20:10	0.8	251	39	1.9	0.0
17/07/2023 20:20	1.4	263	27	2.4	0.0
17/07/2023 20:30	1.3	258	27	2.3	0.0
17/07/2023 20:40	1.2	242	32	2.0	0.0
17/07/2023 20:50	1.2	289	21	1.9	0.0
17/07/2023 21:00	0.9	265	25	1.4	0.0
17/07/2023 21:10	1.0	277	39	1.8	0.0
17/07/2023 21:20	0.9	253	46	1.7	0.0
17/07/2023 21:30	1.0	212	44	1.7	0.0
17/07/2023 21:40	0.8	250	54	1.8	0.0
17/07/2023 21:50	0.6	168	72	1.3	0.0
17/07/2023 22:00	1.0	175	59	2.0	0.0
17/07/2023 22:10	0.8	125	56	1.6	0.0
17/07/2023 22:20	0.6	150	81	1.5	0.0
17/07/2023 22:30	1.0	294	47	2.0	0.0
17/07/2023 22:40	0.6	357	24	1.2	0.0
17/07/2023 22:50	0.1	266	10	0.9	0.0
17/07/2023 23:00	1.3	194	17	1.8	0.0
17/07/2023 23:10	1.8	207	13	2.4	0.0
17/07/2023 23:20	2.3	208	9	2.9	0.0
17/07/2023 23:30	2.3	206	13	3.2	0.0
17/07/2023 23:40	1.7	206	18	2.6	0.0
17/07/2023 23:50	1.4	237	20	2.2	0.0
18/07/2023 0:00	1.7	246	19	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 0:10	1.7	245	24	3.0	0.0
18/07/2023 0:20	2.1	247	18	3.0	0.0
18/07/2023 0:30	1.7	241	24	2.7	0.0
18/07/2023 0:40	2.2	249	15	3.1	0.0
18/07/2023 0:50	2.0	246	16	2.7	0.0
18/07/2023 1:00	2.3	245	14	3.3	0.0
18/07/2023 1:10	2.8	242	14	3.8	0.0
18/07/2023 1:20	3.1	259	10	4.0	0.0
18/07/2023 1:30	2.7	265	10	3.7	0.0
18/07/2023 1:40	2.2	264	12	2.9	0.0
18/07/2023 1:50	1.5	271	17	2.4	0.0
18/07/2023 2:00	1.5	270	14	2.1	0.0
18/07/2023 2:10	0.9	252	25	1.5	0.0
18/07/2023 2:20	1.4	262	15	2.1	0.0
18/07/2023 2:30	1.2	290	26	1.8	0.0
18/07/2023 2:40	1.0	218	45	1.7	0.0
18/07/2023 2:50	0.8	194	65	1.2	0.0
18/07/2023 3:00	0.1	94	17	0.8	0.0
18/07/2023 3:10	0.6	82	47	1.2	0.0
18/07/2023 3:20	0.5	156	47	1.3	0.0
18/07/2023 3:30	1.0	308	53	1.6	0.0
18/07/2023 3:40	1.0	172	47	1.6	0.0
18/07/2023 3:50	0.9	275	31	1.7	0.0
18/07/2023 4:00	0.4	110	42	0.9	0.0
18/07/2023 4:10	0.4	115	20	1.0	0.0
18/07/2023 4:20	1.1	170	62	1.9	0.0
18/07/2023 4:30	2.2	140	60	4.3	0.0
18/07/2023 4:40	1.9	125	56	3.1	0.0
18/07/2023 4:50	1.2	181	44	2.4	0.0
18/07/2023 5:00	1.5	319	17	2.3	0.0
18/07/2023 5:10	1.1	169	46	1.8	0.0
18/07/2023 5:20	0.8	250	50	1.6	0.0
18/07/2023 5:30	0.8	174	20	1.6	0.0
18/07/2023 5:40	1.6	330	19	2.1	0.0
18/07/2023 5:50	0.5	202	43	1.2	0.0
18/07/2023 6:00	0.9	213	54	1.2	0.0
18/07/2023 6:10	1.0	255	58	1.6	0.0
18/07/2023 6:20	0.7	303	46	1.4	0.0
18/07/2023 6:30	1.1	147	22	1.6	0.0
18/07/2023 6:40	0.9	103	49	1.7	0.0
18/07/2023 6:50	1.2	300	58	2.1	0.0
18/07/2023 7:00	0.9	180	26	1.6	0.0
18/07/2023 7:10	0.7	290	46	1.2	0.0
18/07/2023 7:20	1.0	193	54	1.8	0.0
18/07/2023 7:30	0.7	172	36	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 7:40	1.0	95	28	1.5	0.0
18/07/2023 7:50	1.7	73	18	2.3	0.0
18/07/2023 8:00	1.8	67	11	2.5	0.0
18/07/2023 8:10	1.9	64	11	2.8	0.0
18/07/2023 8:20	1.7	60	11	2.4	0.0
18/07/2023 8:30	1.5	54	16	2.0	0.0
18/07/2023 8:40	1.6	50	12	2.1	0.0
18/07/2023 8:50	1.7	46	13	2.4	0.0
18/07/2023 9:00	1.7	47	15	2.2	0.0
18/07/2023 9:10	1.9	65	12	2.7	0.0
18/07/2023 9:20	2.2	68	22	3.2	0.0
18/07/2023 9:30	1.4	27	20	2.2	0.0
18/07/2023 9:40	1.1	47	22	1.8	0.0
18/07/2023 9:50	1.1	51	26	2.0	0.0
18/07/2023 10:00	1.7	46	18	2.5	0.0
18/07/2023 10:10	1.8	63	20	2.5	0.0
18/07/2023 10:20	2.3	62	12	3.0	0.0
18/07/2023 10:30	2.1	55	15	3.0	0.0
18/07/2023 10:40	2.0	56	16	2.5	0.0
18/07/2023 10:50	2.5	46	9	3.1	0.0
18/07/2023 11:00	2.0	44	14	2.8	0.0
18/07/2023 11:10	2.0	43	15	2.7	0.0
18/07/2023 11:20	1.9	53	14	2.7	0.0
18/07/2023 11:30	2.2	75	18	3.2	0.0
18/07/2023 11:40	2.4	70	17	3.2	0.0
18/07/2023 11:50	2.3	73	15	3.5	0.0
18/07/2023 12:00	2.1	68	21	3.2	0.0
18/07/2023 12:10	2.0	69	20	3.2	0.0
18/07/2023 12:20	2.2	55	18	2.9	0.0
18/07/2023 12:30	2.2	61	24	3.3	0.0
18/07/2023 12:40	2.2	59	15	2.8	0.0
18/07/2023 12:50	2.0	63	20	2.8	0.0
18/07/2023 13:00	2.5	58	14	3.4	0.0
18/07/2023 13:10	2.4	65	19	3.5	0.0
18/07/2023 13:20	2.4	68	11	3.2	0.0
18/07/2023 13:30	2.6	66	14	3.4	0.0
18/07/2023 13:40	2.5	52	12	3.2	0.0
18/07/2023 13:50	2.1	61	16	3.0	0.0
18/07/2023 14:00	2.3	66	18	3.6	0.0
18/07/2023 14:10	2.2	60	12	2.8	0.0
18/07/2023 14:20	2.1	60	12	2.7	0.0
18/07/2023 14:30	2.4	54	13	3.2	0.0
18/07/2023 14:40	2.2	60	17	3.0	0.0
18/07/2023 14:50	2.1	63	16	2.9	0.0
18/07/2023 15:00	1.9	68	19	2.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 15:10	1.6	82	12	2.2	0.0
18/07/2023 15:20	1.6	61	18	2.4	0.0
18/07/2023 15:30	2.0	50	12	2.7	0.0
18/07/2023 15:40	2.0	47	13	2.8	0.0
18/07/2023 15:50	1.7	65	21	2.4	0.0
18/07/2023 16:00	1.9	56	15	2.6	0.0
18/07/2023 16:10	1.1	43	34	2.0	0.0
18/07/2023 16:20	1.7	336	35	2.8	0.0
18/07/2023 16:30	2.3	314	18	3.9	0.0
18/07/2023 16:40	2.8	325	14	3.9	0.0
18/07/2023 16:50	2.1	315	19	3.6	0.0
18/07/2023 17:00	1.9	307	16	3.2	0.0
18/07/2023 17:10	2.1	306	16	2.8	0.0
18/07/2023 17:20	1.7	292	24	2.9	0.0
18/07/2023 17:30	1.8	268	26	2.8	0.0
18/07/2023 17:40	1.8	267	19	2.7	0.0
18/07/2023 17:50	1.3	309	30	2.0	0.0
18/07/2023 18:00	1.8	316	13	2.5	0.0
18/07/2023 18:10	1.4	283	20	2.2	0.0
18/07/2023 18:20	1.5	271	21	2.4	0.0
18/07/2023 18:30	1.5	275	20	2.6	0.0
18/07/2023 18:40	1.6	272	24	3.0	0.0
18/07/2023 18:50	1.4	267	23	2.3	0.0
18/07/2023 19:00	1.5	265	28	2.8	0.0
18/07/2023 19:10	1.0	262	58	2.3	0.0
18/07/2023 19:20	0.7	135	55	2.0	0.0
18/07/2023 19:30	1.4	279	25	2.6	0.0
18/07/2023 19:40	1.8	282	13	2.4	0.0
18/07/2023 19:50	1.4	278	16	2.0	0.0
18/07/2023 20:00	1.2	283	25	1.8	0.0
18/07/2023 20:10	0.9	223	40	1.5	0.0
18/07/2023 20:20	0.8	218	56	1.9	0.0
18/07/2023 20:30	1.5	207	33	2.7	0.0
18/07/2023 20:40	1.8	273	25	3.2	0.0
18/07/2023 20:50	1.2	243	47	2.2	0.0
18/07/2023 21:00	1.4	277	36	2.5	0.0
18/07/2023 21:10	1.2	284	34	2.1	0.0
18/07/2023 21:20	1.3	280	33	2.5	0.0
18/07/2023 21:30	1.2	279	30	2.4	0.0
18/07/2023 21:40	1.1	281	31	1.9	0.0
18/07/2023 21:50	1.5	278	25	2.4	0.0
18/07/2023 22:00	1.7	281	19	2.4	0.0
18/07/2023 22:10	1.2	285	41	2.3	0.0
18/07/2023 22:20	1.3	277	35	2.4	0.0
18/07/2023 22:30	1.1	280	36	1.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/07/2023 22:40	1.4	301	23	2.5	0.0
18/07/2023 22:50	1.3	313	24	2.0	0.0
18/07/2023 23:00	1.6	314	17	2.4	0.0
18/07/2023 23:10	1.3	292	26	2.4	0.0
18/07/2023 23:20	1.8	305	19	2.5	0.0
18/07/2023 23:30	1.7	304	17	2.4	0.0
18/07/2023 23:40	1.6	302	14	2.1	0.0
18/07/2023 23:50	1.3	309	14	1.9	0.0
19/07/2023 0:00	1.1	302	17	2.2	0.0
19/07/2023 0:10	0.3	237	4	0.9	0.0
19/07/2023 0:20	1.5	305	11	1.8	0.0
19/07/2023 0:30	1.6	312	14	2.0	0.0
19/07/2023 0:40	0.8	332	8	1.2	0.0
19/07/2023 0:50	0.4	165	6	0.9	0.0
19/07/2023 1:00	0.2	136	33	0.8	0.0
19/07/2023 1:10	0.6	1	15	1.1	0.0
19/07/2023 1:20	0.4	333	20	0.9	0.0
19/07/2023 1:30	0.4	190	41	0.9	0.0
19/07/2023 1:40	0.4	33	13	0.9	0.0
19/07/2023 1:50	0.7	211	45	1.2	0.0
19/07/2023 2:00	0.6	304	11	1.2	0.0
19/07/2023 2:10	0.3	203	11	0.8	0.0
19/07/2023 2:20	0.3	241	37	0.9	0.0
19/07/2023 2:30	0.7	183	27	1.4	0.0
19/07/2023 2:40	0.4	17	19	0.9	0.0
19/07/2023 2:50	0.3	323	14	0.7	0.0
19/07/2023 3:00	0.2	291	32	0.8	0.0
19/07/2023 3:10	0.4	183	6	1.0	0.0
19/07/2023 3:20	0.5	311	16	1.0	0.0
19/07/2023 3:30	0.4	259	31	0.8	0.0
19/07/2023 3:40	0.3	305	5	0.8	0.0
19/07/2023 3:50	1.7	310	19	2.8	0.0
19/07/2023 4:00	1.0	209	59	1.6	0.0
19/07/2023 4:10	0.6	316	18	1.4	0.0
19/07/2023 4:20	0.7	107	56	1.2	0.0
19/07/2023 4:30	0.4	177	11	1.1	0.0
19/07/2023 4:40	0.9	325	11	1.6	0.0
19/07/2023 4:50	1.3	308	17	2.0	0.0
19/07/2023 5:00	0.2	183	2	0.8	0.0
19/07/2023 5:10	1.0	335	11	1.5	0.0
19/07/2023 5:20	1.1	328	14	1.6	0.0
19/07/2023 5:30	1.1	310	17	1.6	0.0
19/07/2023 5:40	0.9	322	20	1.3	0.0
19/07/2023 5:50	0.8	310	22	1.2	0.0
19/07/2023 6:00	1.1	318	15	1.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 6:10	0.9	319	10	1.6	0.0
19/07/2023 6:20	0.7	335	16	0.9	0.0
19/07/2023 6:30	0.5	318	12	1.0	0.0
19/07/2023 6:40	0.9	225	32	1.8	0.0
19/07/2023 6:50	1.6	244	22	2.5	0.0
19/07/2023 7:00	1.4	255	27	2.2	0.0
19/07/2023 7:10	2.0	211	12	2.5	0.0
19/07/2023 7:20	1.5	279	18	2.0	0.0
19/07/2023 7:30	0.9	184	28	1.6	0.0
19/07/2023 7:40	1.1	104	31	1.6	0.0
19/07/2023 7:50	1.1	258	11	2.0	0.0
19/07/2023 8:00	1.0	223	33	1.5	0.0
19/07/2023 8:10	0.6	205	34	1.2	0.0
19/07/2023 8:20	0.8	58	18	1.2	0.0
19/07/2023 8:30	0.5	321	27	1.1	0.0
19/07/2023 8:40	1.1	247	29	1.6	0.0
19/07/2023 8:50	0.7	320	54	1.3	0.0
19/07/2023 9:00	0.8	286	34	1.6	0.0
19/07/2023 9:10	0.6	270	41	1.3	0.0
19/07/2023 9:20	0.8	228	51	1.4	0.0
19/07/2023 9:30	1.1	214	35	2.0	0.0
19/07/2023 9:40	1.5	294	20	2.7	0.0
19/07/2023 9:50	1.5	287	17	2.4	0.0
19/07/2023 10:00	1.6	291	25	2.4	0.0
19/07/2023 10:10	1.7	247	37	2.8	0.0
19/07/2023 10:20	1.4	294	45	2.3	0.0
19/07/2023 10:30	1.6	232	39	2.6	0.0
19/07/2023 10:40	1.6	303	33	2.8	0.0
19/07/2023 10:50	1.5	309	56	2.8	0.0
19/07/2023 11:00	1.7	254	38	3.0	0.0
19/07/2023 11:10	1.9	280	33	3.0	0.0
19/07/2023 11:20	1.8	272	31	3.1	0.0
19/07/2023 11:30	1.8	276	26	2.9	0.0
19/07/2023 11:40	2.1	277	29	3.3	0.0
19/07/2023 11:50	2.0	264	32	3.3	0.0
19/07/2023 12:00	2.1	281	30	3.1	0.0
19/07/2023 12:10	2.3	275	24	3.7	0.0
19/07/2023 12:20	2.3	272	26	3.5	0.0
19/07/2023 12:30	2.5	287	23	3.6	0.0
19/07/2023 12:40	2.2	287	26	3.6	0.0
19/07/2023 12:50	2.2	296	25	3.6	0.0
19/07/2023 13:00	2.4	286	28	4.1	0.0
19/07/2023 13:10	2.3	274	23	3.6	0.0
19/07/2023 13:20	2.8	266	18	4.2	0.0
19/07/2023 13:30	2.5	290	25	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 13:40	2.9	271	22	4.2	0.0
19/07/2023 13:50	2.7	282	23	4.2	0.0
19/07/2023 14:00	2.5	276	22	3.7	0.0
19/07/2023 14:10	3.0	273	19	5.3	0.0
19/07/2023 14:20	3.0	271	17	4.4	0.0
19/07/2023 14:30	2.2	274	27	3.4	0.0
19/07/2023 14:40	2.7	289	25	4.5	0.0
19/07/2023 14:50	3.0	277	24	5.2	0.0
19/07/2023 15:00	1.9	250	45	3.1	0.0
19/07/2023 15:10	2.1	258	37	3.6	0.0
19/07/2023 15:20	3.5	284	21	5.2	0.0
19/07/2023 15:30	3.4	269	30	5.8	0.0
19/07/2023 15:40	2.9	270	27	5.2	0.0
19/07/2023 15:50	2.7	270	27	4.4	0.0
19/07/2023 16:00	3.4	274	18	5.1	0.0
19/07/2023 16:10	3.1	275	19	4.7	0.0
19/07/2023 16:20	3.0	283	22	4.9	0.0
19/07/2023 16:30	2.7	297	24	4.2	0.0
19/07/2023 16:40	2.5	299	23	4.0	0.0
19/07/2023 16:50	2.3	285	23	3.6	0.0
19/07/2023 17:00	2.4	283	20	3.6	0.0
19/07/2023 17:10	2.4	283	18	3.8	0.0
19/07/2023 17:20	2.7	285	16	4.1	0.0
19/07/2023 17:30	2.2	285	18	3.5	0.0
19/07/2023 17:40	2.2	285	17	3.2	0.0
19/07/2023 17:50	2.1	276	31	3.4	0.0
19/07/2023 18:00	2.2	264	44	4.0	0.0
19/07/2023 18:10	2.1	271	38	3.7	0.0
19/07/2023 18:20	2.0	274	38	3.9	0.0
19/07/2023 18:30	1.6	263	40	2.7	0.0
19/07/2023 18:40	1.9	270	32	3.3	0.0
19/07/2023 18:50	2.0	277	37	3.8	0.0
19/07/2023 19:00	2.0	278	33	3.3	0.0
19/07/2023 19:10	1.6	279	29	2.7	0.0
19/07/2023 19:20	1.9	284	19	3.2	0.0
19/07/2023 19:30	1.3	271	53	2.3	0.0
19/07/2023 19:40	2.1	267	24	3.5	0.0
19/07/2023 19:50	1.6	267	41	3.3	0.0
19/07/2023 20:00	1.7	275	34	2.9	0.0
19/07/2023 20:10	1.7	275	38	3.2	0.0
19/07/2023 20:20	2.0	290	17	3.6	0.0
19/07/2023 20:30	2.3	286	20	3.1	0.0
19/07/2023 20:40	1.9	278	26	3.0	0.0
19/07/2023 20:50	1.7	263	52	3.2	0.0
19/07/2023 21:00	1.6	275	49	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/07/2023 21:10	1.2	297	75	2.3	0.0
19/07/2023 21:20	1.0	175	70	2.0	0.0
19/07/2023 21:30	1.7	293	27	2.6	0.0
19/07/2023 21:40	1.2	296	51	2.3	0.0
19/07/2023 21:50	0.7	254	83	1.6	0.0
19/07/2023 22:00	1.6	232	62	3.5	0.0
19/07/2023 22:10	1.8	219	50	3.6	0.0
19/07/2023 22:20	1.4	206	50	2.4	0.0
19/07/2023 22:30	1.7	204	38	3.4	0.0
19/07/2023 22:40	2.1	202	35	4.0	0.0
19/07/2023 22:50	2.0	198	28	3.9	0.0
19/07/2023 23:00	1.7	205	41	3.6	0.0
19/07/2023 23:10	1.3	178	44	2.4	0.0
19/07/2023 23:20	1.2	204	55	2.3	0.0
19/07/2023 23:30	0.9	157	60	1.8	0.0
19/07/2023 23:40	1.0	203	43	1.9	0.0
19/07/2023 23:50	1.6	275	32	2.4	0.0
20/07/2023 0:00	1.9	283	21	2.8	0.0
20/07/2023 0:10	1.8	290	12	2.4	0.0
20/07/2023 0:20	1.9	290	11	2.3	0.0
20/07/2023 0:30	1.9	279	9	2.6	0.0
20/07/2023 0:40	2.1	274	9	2.8	0.0
20/07/2023 0:50	1.9	279	10	2.5	0.0
20/07/2023 1:00	1.5	269	18	2.4	0.0
20/07/2023 1:10	1.6	242	31	2.7	0.0
20/07/2023 1:20	1.3	232	42	2.6	0.0
20/07/2023 1:30	1.7	247	31	3.2	0.0
20/07/2023 1:40	2.5	206	25	4.0	0.0
20/07/2023 1:50	2.5	206	26	3.9	0.0
20/07/2023 2:00	3.5	203	10	4.5	0.0
20/07/2023 2:10	3.5	198	10	4.3	0.0
20/07/2023 2:20	4.0	192	10	5.6	0.0
20/07/2023 2:30	3.7	188	11	4.9	0.0
20/07/2023 2:40	4.4	193	11	5.8	0.0
20/07/2023 2:50	4.3	187	11	5.7	0.0
20/07/2023 3:00	5.1	185	10	6.5	0.0
20/07/2023 3:10	4.9	184	11	6.8	0.0
20/07/2023 3:20	5.2	185	10	6.8	0.0
20/07/2023 3:30	5.5	186	9	7.1	0.0
20/07/2023 3:40	5.7	185	10	8.0	0.0
20/07/2023 3:50	6.0	185	10	8.5	0.0
20/07/2023 4:00	6.0	184	11	7.8	0.0
20/07/2023 4:10	6.4	186	11	8.0	0.0
20/07/2023 4:20	6.1	186	10	7.8	0.0
20/07/2023 4:30	6.4	188	10	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 4:40	6.6	185	10	8.5	0.0
20/07/2023 4:50	6.7	186	9	8.3	0.0
20/07/2023 5:00	7.0	187	9	8.7	0.0
20/07/2023 5:10	7.1	187	10	8.8	0.0
20/07/2023 5:20	5.9	184	12	7.5	0.0
20/07/2023 5:30	5.0	183	13	6.4	0.0
20/07/2023 5:40	3.9	170	18	5.8	0.0
20/07/2023 5:50	2.7	157	19	4.1	0.0
20/07/2023 6:00	2.3	131	19	3.6	0.0
20/07/2023 6:10	1.9	119	20	3.0	0.0
20/07/2023 6:20	2.3	119	19	3.6	0.0
20/07/2023 6:30	2.4	148	21	3.5	0.0
20/07/2023 6:40	2.0	154	21	3.3	0.0
20/07/2023 6:50	2.4	147	18	4.0	0.0
20/07/2023 7:00	2.1	150	25	3.5	0.0
20/07/2023 7:10	2.4	143	19	3.4	0.0
20/07/2023 7:20	2.3	147	19	3.8	0.0
20/07/2023 7:30	1.7	139	21	2.6	0.0
20/07/2023 7:40	1.5	118	23	2.6	0.0
20/07/2023 7:50	2.1	116	22	3.2	0.0
20/07/2023 8:00	2.0	106	24	3.5	0.0
20/07/2023 8:10	1.9	115	31	4.0	0.0
20/07/2023 8:20	2.4	115	24	4.0	0.0
20/07/2023 8:30	2.6	105	33	4.8	0.0
20/07/2023 8:40	2.4	125	19	3.4	0.0
20/07/2023 8:50	2.4	119	20	3.9	0.0
20/07/2023 9:00	2.3	108	15	3.3	0.0
20/07/2023 9:10	2.1	113	21	3.4	0.0
20/07/2023 9:20	2.2	113	18	3.6	0.0
20/07/2023 9:30	2.3	109	17	3.2	0.0
20/07/2023 9:40	2.5	107	15	3.5	0.0
20/07/2023 9:50	2.3	85	19	3.2	0.0
20/07/2023 10:00	2.7	77	16	3.6	0.0
20/07/2023 10:10	2.7	76	17	3.8	0.0
20/07/2023 10:20	3.5	58	13	5.0	0.0
20/07/2023 10:30	3.2	58	13	4.7	0.0
20/07/2023 10:40	3.9	59	10	4.8	0.0
20/07/2023 10:50	3.3	60	13	4.6	0.0
20/07/2023 11:00	3.3	65	11	4.0	0.0
20/07/2023 11:10	3.3	56	11	4.2	0.0
20/07/2023 11:20	2.9	56	13	4.2	0.0
20/07/2023 11:30	3.3	56	12	4.5	0.0
20/07/2023 11:40	3.2	48	14	4.3	0.0
20/07/2023 11:50	3.1	43	12	4.1	0.0
20/07/2023 12:00	3.6	42	9	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 12:10	3.0	45	15	4.2	0.0
20/07/2023 12:20	3.3	48	10	4.0	0.0
20/07/2023 12:30	3.4	46	11	4.4	0.0
20/07/2023 12:40	2.9	48	15	3.6	0.0
20/07/2023 12:50	2.8	58	10	3.6	0.0
20/07/2023 13:00	2.6	51	12	3.3	0.0
20/07/2023 13:10	2.1	49	16	3.2	0.0
20/07/2023 13:20	2.5	60	16	3.4	0.0
20/07/2023 13:30	2.8	43	14	3.8	0.0
20/07/2023 13:40	2.7	46	14	4.2	0.0
20/07/2023 13:50	2.4	47	17	3.4	0.0
20/07/2023 14:00	2.3	53	16	3.4	0.0
20/07/2023 14:10	2.7	42	18	3.6	0.0
20/07/2023 14:20	3.0	45	14	4.2	0.0
20/07/2023 14:30	3.4	40	15	4.8	0.0
20/07/2023 14:40	3.1	40	15	4.6	0.0
20/07/2023 14:50	3.1	39	14	4.3	0.0
20/07/2023 15:00	2.8	46	14	4.0	0.0
20/07/2023 15:10	3.0	44	15	4.4	0.0
20/07/2023 15:20	3.0	41	16	4.3	0.0
20/07/2023 15:30	3.1	41	15	4.4	0.0
20/07/2023 15:40	3.5	35	13	4.8	0.0
20/07/2023 15:50	3.2	35	15	4.5	0.0
20/07/2023 16:00	2.9	39	15	4.2	0.0
20/07/2023 16:10	2.9	40	13	4.0	0.0
20/07/2023 16:20	3.1	35	13	4.8	0.0
20/07/2023 16:30	2.9	37	13	4.4	0.0
20/07/2023 16:40	3.0	40	14	4.1	0.0
20/07/2023 16:50	2.8	32	14	3.9	0.0
20/07/2023 17:00	2.6	30	14	4.0	0.0
20/07/2023 17:10	2.2	35	14	3.2	0.0
20/07/2023 17:20	2.1	30	16	3.1	0.0
20/07/2023 17:30	1.1	25	19	1.8	0.0
20/07/2023 17:40	0.9	39	19	1.7	0.0
20/07/2023 17:50	0.3	110	29	0.7	0.0
20/07/2023 18:00	0.4	149	39	0.9	0.0
20/07/2023 18:10	0.8	142	20	1.2	0.0
20/07/2023 18:20	0.7	162	26	1.2	0.0
20/07/2023 18:30	0.8	143	37	1.2	0.0
20/07/2023 18:40	0.6	160	20	1.2	0.0
20/07/2023 18:50	1.0	152	26	1.5	0.0
20/07/2023 19:00	0.8	160	27	1.3	0.0
20/07/2023 19:10	0.5	144	28	1.2	0.0
20/07/2023 19:20	1.4	209	36	2.0	0.0
20/07/2023 19:30	2.1	216	18	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/07/2023 19:40	2.2	230	18	3.6	0.0
20/07/2023 19:50	1.9	238	18	2.8	0.0
20/07/2023 20:00	1.9	215	18	2.8	0.0
20/07/2023 20:10	1.9	214	16	2.8	0.0
20/07/2023 20:20	2.0	218	19	2.8	0.0
20/07/2023 20:30	2.2	219	19	3.2	0.0
20/07/2023 20:40	2.4	219	22	3.9	0.0
20/07/2023 20:50	2.4	212	19	4.0	0.0
20/07/2023 21:00	2.5	215	22	3.7	0.0
20/07/2023 21:10	2.6	216	19	4.0	0.0
20/07/2023 21:20	2.7	203	15	3.6	0.0
20/07/2023 21:30	2.8	204	19	4.1	0.0
20/07/2023 21:40	2.6	214	21	4.0	0.0
20/07/2023 21:50	2.9	207	21	4.6	0.0
20/07/2023 22:00	3.0	210	16	4.2	0.0
20/07/2023 22:10	2.7	205	18	3.9	0.0
20/07/2023 22:20	2.7	205	19	4.0	0.0
20/07/2023 22:30	3.5	203	17	4.8	0.0
20/07/2023 22:40	4.2	205	15	6.1	0.0
20/07/2023 22:50	3.5	214	19	5.3	0.0
20/07/2023 23:00	4.1	206	16	5.6	0.0
20/07/2023 23:10	4.8	197	10	6.3	0.0
20/07/2023 23:20	4.1	203	10	5.1	0.0
20/07/2023 23:30	4.0	205	10	5.2	0.0
20/07/2023 23:40	3.1	198	12	4.3	0.0
20/07/2023 23:50	2.1	188	12	3.2	0.0
21/07/2023 0:00	2.0	173	18	3.2	0.0
21/07/2023 0:10	3.4	185	10	4.8	0.0
21/07/2023 0:20	3.2	185	12	4.3	0.0
21/07/2023 0:30	3.5	189	10	5.0	0.0
21/07/2023 0:40	3.3	186	12	4.4	0.0
21/07/2023 0:50	3.2	189	13	4.6	0.0
21/07/2023 1:00	3.1	190	14	4.4	0.0
21/07/2023 1:10	2.2	171	22	3.7	0.0
21/07/2023 1:20	3.4	196	8	4.2	0.0
21/07/2023 1:30	3.4	186	10	4.4	0.0
21/07/2023 1:40	3.3	188	13	4.5	0.0
21/07/2023 1:50	3.7	191	9	5.2	0.0
21/07/2023 2:00	3.7	194	10	5.1	0.0
21/07/2023 2:10	4.2	193	9	5.3	0.0
21/07/2023 2:20	4.2	197	9	5.3	0.0
21/07/2023 2:30	4.3	196	11	5.6	0.0
21/07/2023 2:40	3.4	190	13	4.4	0.0
21/07/2023 2:50	2.7	180	18	3.6	0.0
21/07/2023 3:00	2.5	156	20	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 3:10	2.3	155	21	4.0	0.0
21/07/2023 3:20	2.8	154	25	4.9	0.0
21/07/2023 3:30	2.5	168	22	3.8	0.0
21/07/2023 3:40	2.9	149	21	4.7	0.0
21/07/2023 3:50	2.7	148	25	4.1	0.0
21/07/2023 4:00	3.1	143	26	6.0	0.0
21/07/2023 4:10	2.2	159	21	3.7	0.0
21/07/2023 4:20	2.2	137	31	4.8	0.0
21/07/2023 4:30	2.7	131	27	6.0	0.0
21/07/2023 4:40	2.2	127	33	3.8	0.0
21/07/2023 4:50	2.1	108	33	4.4	0.0
21/07/2023 5:00	1.8	133	34	3.6	0.0
21/07/2023 5:10	2.7	102	20	4.8	0.0
21/07/2023 5:20	2.3	124	36	4.3	0.0
21/07/2023 5:30	2.6	104	29	4.9	0.0
21/07/2023 5:40	2.2	104	31	4.7	0.0
21/07/2023 5:50	1.6	105	32	3.3	0.0
21/07/2023 6:00	2.1	107	32	3.5	0.0
21/07/2023 6:10	2.2	109	26	4.3	0.0
21/07/2023 6:20	2.1	125	22	3.4	0.0
21/07/2023 6:30	2.1	146	26	4.4	0.0
21/07/2023 6:40	2.4	158	20	4.9	0.0
21/07/2023 6:50	2.3	158	26	4.0	0.0
21/07/2023 7:00	2.0	163	39	3.7	0.0
21/07/2023 7:10	2.2	163	21	3.7	0.0
21/07/2023 7:20	2.8	157	21	4.0	0.0
21/07/2023 7:30	2.6	157	22	4.2	0.0
21/07/2023 7:40	1.9	147	26	3.0	0.0
21/07/2023 7:50	2.0	120	25	3.4	0.0
21/07/2023 8:00	2.9	104	22	4.8	0.0
21/07/2023 8:10	2.4	109	23	3.7	0.0
21/07/2023 8:20	2.6	114	24	4.3	0.0
21/07/2023 8:30	2.6	119	19	4.1	0.0
21/07/2023 8:40	2.1	109	29	3.6	0.0
21/07/2023 8:50	2.1	107	19	3.2	0.0
21/07/2023 9:00	2.9	110	23	4.4	0.0
21/07/2023 9:10	2.2	99	25	3.6	0.0
21/07/2023 9:20	2.5	116	23	3.9	0.0
21/07/2023 9:30	1.9	125	28	3.0	0.0
21/07/2023 9:40	2.3	77	19	3.8	0.0
21/07/2023 9:50	2.4	61	18	3.3	0.0
21/07/2023 10:00	2.3	82	18	3.4	0.0
21/07/2023 10:10	2.7	85	20	4.3	0.0
21/07/2023 10:20	3.1	103	26	4.9	0.0
21/07/2023 10:30	3.3	79	16	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 10:40	3.3	85	17	4.4	0.0
21/07/2023 10:50	3.0	91	19	5.1	0.0
21/07/2023 11:00	3.5	77	14	4.7	0.0
21/07/2023 11:10	2.8	63	17	4.0	0.0
21/07/2023 11:20	2.5	67	16	3.3	0.0
21/07/2023 11:30	2.1	68	20	3.4	0.0
21/07/2023 11:40	2.6	52	14	3.4	0.0
21/07/2023 11:50	2.4	69	19	3.5	0.0
21/07/2023 12:00	2.7	53	14	4.0	0.0
21/07/2023 12:10	2.9	41	17	4.0	0.0
21/07/2023 12:20	2.9	40	11	3.8	0.0
21/07/2023 12:30	2.9	44	13	3.7	0.0
21/07/2023 12:40	2.7	45	14	3.6	0.0
21/07/2023 12:50	2.4	41	13	3.0	0.0
21/07/2023 13:00	2.4	45	14	3.4	0.0
21/07/2023 13:10	2.3	48	18	3.2	0.0
21/07/2023 13:20	2.8	53	17	3.9	0.0
21/07/2023 13:30	2.8	49	14	3.9	0.0
21/07/2023 13:40	2.9	49	19	4.0	0.0
21/07/2023 13:50	2.6	61	20	3.7	0.0
21/07/2023 14:00	3.1	51	18	4.3	0.0
21/07/2023 14:10	3.4	47	15	4.7	0.0
21/07/2023 14:20	3.4	42	17	4.8	0.0
21/07/2023 14:30	3.4	47	16	4.6	0.0
21/07/2023 14:40	3.7	48	16	5.2	0.0
21/07/2023 14:50	3.3	45	15	4.6	0.0
21/07/2023 15:00	3.5	46	15	4.8	0.0
21/07/2023 15:10	3.1	44	16	4.4	0.0
21/07/2023 15:20	3.5	39	14	5.1	0.0
21/07/2023 15:30	3.2	44	15	4.9	0.0
21/07/2023 15:40	3.2	40	14	4.4	0.0
21/07/2023 15:50	3.0	39	16	4.5	0.0
21/07/2023 16:00	3.0	37	14	4.0	0.0
21/07/2023 16:10	3.1	38	15	4.5	0.0
21/07/2023 16:20	2.7	38	16	3.9	0.0
21/07/2023 16:30	2.7	42	14	3.7	0.0
21/07/2023 16:40	2.6	40	13	3.7	0.0
21/07/2023 16:50	2.6	38	13	3.9	0.0
21/07/2023 17:00	2.1	44	16	3.5	0.0
21/07/2023 17:10	1.9	45	16	3.1	0.0
21/07/2023 17:20	1.6	55	16	2.4	0.0
21/07/2023 17:30	1.1	56	23	2.2	0.0
21/07/2023 17:40	0.4	113	19	1.0	0.0
21/07/2023 17:50	0.7	115	30	1.2	0.0
21/07/2023 18:00	0.7	167	41	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/07/2023 18:10	0.4	129	32	1.2	0.0
21/07/2023 18:20	0.2	154	14	0.7	0.0
21/07/2023 18:30	0.4	128	14	1.0	0.0
21/07/2023 18:40					0.0
21/07/2023 18:50					0.0
21/07/2023 19:00	0.1	143	1	1.2	0.0
21/07/2023 19:10	0.5	153	28	1.0	0.0
21/07/2023 19:20	1.5	190	7	2.2	0.0
21/07/2023 19:30	0.9	158	20	1.4	0.0
21/07/2023 19:40	0.7	168	13	1.2	0.0
21/07/2023 19:50	0.6	134	8	1.3	0.0
21/07/2023 20:00	0.4	118	6	0.8	0.0
21/07/2023 20:10					0.0
21/07/2023 20:20	0.4	144	14	1.6	0.0
21/07/2023 20:30	1.1	108	18	1.6	0.0
21/07/2023 20:40	0.6	95	15	1.1	0.0
21/07/2023 20:50					0.0
21/07/2023 21:00	0.2	137	5	1.6	0.0
21/07/2023 21:10	0.6	98	31	1.9	0.0
21/07/2023 21:20	1.5	140	28	2.6	0.0
21/07/2023 21:30	2.4	175	24	3.4	0.0
21/07/2023 21:40	2.0	143	30	3.8	0.0
21/07/2023 21:50	1.6	186	24	2.3	0.0
21/07/2023 22:00	0.9	175	25	1.8	0.0
21/07/2023 22:10	0.9	321	16	1.5	0.0
21/07/2023 22:20	1.0	317	12	1.6	0.0
21/07/2023 22:30	0.3	306	14	0.9	0.0
21/07/2023 22:40	0.3	240	6	0.9	0.0
21/07/2023 22:50	0.5	98	17	1.0	0.0
21/07/2023 23:00	0.0	49	12	0.6	0.0
21/07/2023 23:10	0.2	327	24	0.8	0.0
21/07/2023 23:20	0.1	309	31	0.8	0.0
21/07/2023 23:30	1.1	270	20	1.6	0.0
21/07/2023 23:40	3.0	211	14	4.4	0.0
21/07/2023 23:50	2.1	268	37	3.3	0.0
22/07/2023 0:00	1.1	164	57	2.1	0.0
22/07/2023 0:10	3.8	187	11	5.0	0.0
22/07/2023 0:20	3.4	199	9	4.3	0.0
22/07/2023 0:30	1.9	146	40	3.2	0.0
22/07/2023 0:40	3.5	189	10	5.1	0.0
22/07/2023 0:50	4.4	187	12	6.0	0.0
22/07/2023 1:00	5.0	191	11	6.8	0.0
22/07/2023 1:10	3.6	179	15	4.9	0.0
22/07/2023 1:20	3.2	190	12	4.5	0.0
22/07/2023 1:30	2.7	187	15	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 1:40	1.8	189	17	2.8	0.0
22/07/2023 1:50	1.8	162	28	2.9	0.0
22/07/2023 2:00	1.6	156	25	2.5	0.0
22/07/2023 2:10	1.6	134	31	3.4	0.0
22/07/2023 2:20	2.0	145	26	3.2	0.0
22/07/2023 2:30	2.7	131	26	5.2	0.0
22/07/2023 2:40	3.0	124	27	5.4	0.0
22/07/2023 2:50	2.8	108	24	4.4	0.0
22/07/2023 3:00	2.2	100	21	3.6	0.0
22/07/2023 3:10	2.0	106	16	3.2	0.0
22/07/2023 3:20	2.1	124	28	3.7	0.0
22/07/2023 3:30	2.7	97	46	5.2	0.0
22/07/2023 3:40	4.1	115	30	7.8	0.0
22/07/2023 3:50	3.6	111	34	6.7	0.0
22/07/2023 4:00	5.0	112	29	8.4	0.0
22/07/2023 4:10	4.2	107	25	7.2	0.0
22/07/2023 4:20	4.0	112	30	7.3	0.0
22/07/2023 4:30	4.5	112	23	7.2	0.0
22/07/2023 4:40	4.2	111	29	7.5	0.0
22/07/2023 4:50	4.3	126	38	6.9	0.0
22/07/2023 5:00	5.0	114	27	9.0	0.0
22/07/2023 5:10	4.3	116	25	7.5	0.0
22/07/2023 5:20	4.2	107	32	6.9	0.0
22/07/2023 5:30	4.5	109	31	8.0	0.0
22/07/2023 5:40	4.5	108	35	7.5	0.0
22/07/2023 5:50	4.4	110	32	7.2	0.0
22/07/2023 6:00	4.7	106	30	9.5	0.0
22/07/2023 6:10	4.5	115	34	9.1	0.0
22/07/2023 6:20	4.8	112	36	10.9	0.0
22/07/2023 6:30	4.7	118	34	9.2	0.0
22/07/2023 6:40	3.5	104	35	7.5	0.0
22/07/2023 6:50	3.5	118	40	7.2	0.0
22/07/2023 7:00	3.8	114	37	7.9	0.0
22/07/2023 7:10	3.9	124	38	8.3	0.0
22/07/2023 7:20	3.5	107	29	7.9	0.0
22/07/2023 7:30	3.6	107	30	7.4	0.0
22/07/2023 7:40	3.7	109	28	6.9	0.0
22/07/2023 7:50	3.5	109	35	6.4	0.0
22/07/2023 8:00	3.5	95	27	7.3	0.0
22/07/2023 8:10	3.4	120	32	6.7	0.0
22/07/2023 8:20	2.9	128	50	6.4	0.0
22/07/2023 8:30	2.5	108	53	5.2	0.0
22/07/2023 8:40	3.4	101	36	6.4	0.0
22/07/2023 8:50	4.6	110	36	9.2	0.0
22/07/2023 9:00	4.1	113	32	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 9:10	4.6	117	30	9.1	0.0
22/07/2023 9:20	4.5	107	32	9.2	0.0
22/07/2023 9:30	4.3	107	34	8.6	0.0
22/07/2023 9:40	4.8	108	34	9.6	0.0
22/07/2023 9:50	4.6	115	30	9.1	0.0
22/07/2023 10:00	4.6	109	29	7.9	0.0
22/07/2023 10:10	4.6	113	30	7.9	0.0
22/07/2023 10:20	4.7	115	26	8.8	0.0
22/07/2023 10:30	4.6	104	24	8.9	0.0
22/07/2023 10:40	4.1	108	28	6.8	0.0
22/07/2023 10:50	4.0	106	30	7.3	0.0
22/07/2023 11:00	4.0	98	28	7.9	0.0
22/07/2023 11:10	4.4	100	26	7.0	0.0
22/07/2023 11:20	4.1	88	21	7.8	0.0
22/07/2023 11:30	3.7	99	27	6.6	0.0
22/07/2023 11:40	3.4	104	31	6.4	0.0
22/07/2023 11:50	3.5	92	29	5.6	0.0
22/07/2023 12:00	4.0	89	20	6.0	0.0
22/07/2023 12:10	3.6	83	20	6.4	0.0
22/07/2023 12:20	4.1	84	19	7.0	0.0
22/07/2023 12:30	5.0	81	18	7.9	0.0
22/07/2023 12:40	4.7	88	20	7.3	0.0
22/07/2023 12:50	3.9	86	22	6.4	0.0
22/07/2023 13:00	4.3	92	22	8.1	0.0
22/07/2023 13:10	3.8	94	24	6.9	0.0
22/07/2023 13:20	4.1	84	21	6.0	0.0
22/07/2023 13:30	3.4	99	23	5.2	0.0
22/07/2023 13:40	3.1	93	27	5.6	0.0
22/07/2023 13:50	4.1	90	25	7.2	0.0
22/07/2023 14:00	4.0	85	19	7.3	0.0
22/07/2023 14:10	4.0	86	19	6.0	0.0
22/07/2023 14:20	4.3	74	15	6.5	0.0
22/07/2023 14:30	4.3	86	15	6.2	0.0
22/07/2023 14:40	3.9	84	14	5.3	0.0
22/07/2023 14:50	3.8	78	17	5.5	0.0
22/07/2023 15:00	3.9	80	16	5.8	0.0
22/07/2023 15:10	3.9	86	14	5.5	0.0
22/07/2023 15:20	3.3	77	16	5.1	0.0
22/07/2023 15:30	3.5	74	14	5.0	0.0
22/07/2023 15:40	3.2	82	14	4.7	0.0
22/07/2023 15:50	3.5	88	17	5.2	0.0
22/07/2023 16:00	3.1	90	19	4.9	0.0
22/07/2023 16:10	3.0	85	17	4.1	0.0
22/07/2023 16:20	2.8	93	21	4.4	0.0
22/07/2023 16:30	2.8	80	16	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/07/2023 16:40	3.3	72	17	5.3	0.0
22/07/2023 16:50	4.6	84	18	7.6	0.0
22/07/2023 17:00	3.4	97	27	6.8	0.0
22/07/2023 17:10	3.0	106	36	5.1	0.0
22/07/2023 17:20	3.4	118	36	6.7	0.0
22/07/2023 17:30	3.8	107	31	7.2	0.0
22/07/2023 17:40	3.6	118	24	6.4	0.0
22/07/2023 17:50	3.8	114	30	6.4	0.0
22/07/2023 18:00	4.3	117	26	7.2	0.0
22/07/2023 18:10	3.8	121	22	6.9	0.0
22/07/2023 18:20	4.0	121	24	6.8	0.0
22/07/2023 18:30	3.8	113	29	6.8	0.0
22/07/2023 18:40	3.8	120	37	6.8	0.0
22/07/2023 18:50	3.9	113	32	7.1	0.0
22/07/2023 19:00	4.1	103	34	8.0	0.0
22/07/2023 19:10	3.6	108	35	7.4	0.0
22/07/2023 19:20	3.8	111	32	8.3	0.0
22/07/2023 19:30	3.4	100	31	6.3	0.0
22/07/2023 19:40	4.4	116	29	7.4	0.0
22/07/2023 19:50	3.5	104	29	7.0	0.0
22/07/2023 20:00	4.1	109	29	8.7	0.0
22/07/2023 20:10	3.8	114	33	8.3	0.0
22/07/2023 20:20	4.2	116	30	8.5	0.0
22/07/2023 20:30	4.1	112	32	7.4	0.0
22/07/2023 20:40	3.8	106	28	7.5	0.0
22/07/2023 20:50	3.8	112	28	6.2	0.0
22/07/2023 21:00	3.5	107	34	6.0	0.0
22/07/2023 21:10	3.1	102	30	6.2	0.0
22/07/2023 21:20	3.2	103	35	6.7	0.0
22/07/2023 21:30	2.9	99	35	5.5	0.0
22/07/2023 21:40	3.1	100	35	5.8	0.0
22/07/2023 21:50	3.6	100	34	7.5	0.0
22/07/2023 22:00	3.5	106	36	6.4	0.0
22/07/2023 22:10	3.3	101	35	6.1	0.0
22/07/2023 22:20	3.2	108	34	6.2	0.0
22/07/2023 22:30	3.4	95	29	6.0	0.0
22/07/2023 22:40	3.5	101	27	6.8	0.0
22/07/2023 22:50	3.7	103	30	7.5	0.0
22/07/2023 23:00	3.4	110	28	7.0	0.0
22/07/2023 23:10	4.0	109	26	8.1	0.0
22/07/2023 23:20	3.5	102	31	7.1	0.0
22/07/2023 23:30	3.1	114	38	6.5	0.0
22/07/2023 23:40	3.5	113	35	8.0	0.0
22/07/2023 23:50	3.5	111	42	7.5	0.0
23/07/2023 0:00	3.7	110	32	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 0:10	3.3	109	32	7.0	0.0
23/07/2023 0:20	4.2	116	26	7.0	0.0
23/07/2023 0:30	3.8	119	27	6.9	0.0
23/07/2023 0:40	3.7	117	29	6.2	0.0
23/07/2023 0:50	4.4	118	22	6.8	0.0
23/07/2023 1:00	4.0	115	22	7.0	0.0
23/07/2023 1:10	4.3	118	21	6.6	0.0
23/07/2023 1:20	4.5	122	32	7.9	0.0
23/07/2023 1:30	3.8	122	27	6.5	0.0
23/07/2023 1:40	4.7	116	22	8.8	0.0
23/07/2023 1:50	5.3	118	24	9.1	0.0
23/07/2023 2:00	5.0	113	26	8.3	0.0
23/07/2023 2:10	4.8	117	31	7.5	0.0
23/07/2023 2:20	4.5	116	24	7.2	0.0
23/07/2023 2:30	5.3	120	24	8.8	0.0
23/07/2023 2:40	5.0	113	29	8.3	0.0
23/07/2023 2:50	4.9	117	23	8.1	0.0
23/07/2023 3:00	5.3	109	24	7.9	0.0
23/07/2023 3:10	5.5	116	22	10.1	0.0
23/07/2023 3:20	5.1	114	32	8.9	0.0
23/07/2023 3:30	5.4	117	25	9.1	0.0
23/07/2023 3:40	5.3	116	23	8.8	0.0
23/07/2023 3:50	5.8	118	26	10.2	0.0
23/07/2023 4:00	5.7	111	26	9.3	0.0
23/07/2023 4:10	5.8	112	21	9.1	0.0
23/07/2023 4:20	5.5	113	24	9.1	0.0
23/07/2023 4:30	5.8	111	22	10.0	0.0
23/07/2023 4:40	6.2	112	24	10.3	0.0
23/07/2023 4:50	5.5	110	24	8.9	0.0
23/07/2023 5:00	6.0	106	21	9.7	0.0
23/07/2023 5:10	6.1	111	25	11.1	0.0
23/07/2023 5:20	6.1	106	21	10.2	0.0
23/07/2023 5:30	6.0	111	27	9.5	0.0
23/07/2023 5:40	5.7	113	27	9.3	0.0
23/07/2023 5:50	6.3	114	24	10.8	0.0
23/07/2023 6:00	5.5	117	28	9.7	0.0
23/07/2023 6:10	6.0	110	25	10.8	0.0
23/07/2023 6:20	5.2	108	27	10.2	0.0
23/07/2023 6:30	5.5	106	23	9.3	0.0
23/07/2023 6:40	5.8	113	22	10.4	0.0
23/07/2023 6:50	6.2	109	23	9.7	0.0
23/07/2023 7:00	5.7	109	25	10.8	0.0
23/07/2023 7:10	5.6	111	27	9.4	0.0
23/07/2023 7:20	5.3	110	27	9.0	0.0
23/07/2023 7:30	5.3	104	25	9.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 7:40	6.1	112	23	10.3	0.0
23/07/2023 7:50	5.0	110	23	11.1	0.0
23/07/2023 8:00	5.6	99	23	10.2	0.0
23/07/2023 8:10	5.7	88	20	9.5	0.0
23/07/2023 8:20	5.6	92	23	9.5	0.0
23/07/2023 8:30	5.4	96	22	8.9	0.0
23/07/2023 8:40	6.1	91	23	10.0	0.0
23/07/2023 8:50	5.5	90	21	8.4	0.0
23/07/2023 9:00	6.4	86	19	9.9	0.0
23/07/2023 9:10	6.8	84	16	10.2	0.0
23/07/2023 9:20	6.7	81	17	9.5	0.0
23/07/2023 9:30	7.1	84	14	11.1	0.0
23/07/2023 9:40	7.2	82	14	10.3	0.0
23/07/2023 9:50	6.8	82	14	9.9	0.0
23/07/2023 10:00	6.9	89	17	10.5	0.0
23/07/2023 10:10	7.0	84	14	9.9	0.0
23/07/2023 10:20	7.1	82	14	10.3	0.0
23/07/2023 10:30	7.0	84	15	9.3	0.0
23/07/2023 10:40	6.2	85	15	8.8	0.0
23/07/2023 10:50	5.9	86	16	8.4	0.0
23/07/2023 11:00	5.4	79	16	8.1	0.0
23/07/2023 11:10	5.4	80	15	7.3	0.0
23/07/2023 11:20	5.7	78	15	8.3	0.0
23/07/2023 11:30	5.9	80	17	8.5	0.0
23/07/2023 11:40	5.7	82	17	8.4	0.0
23/07/2023 11:50	6.3	83	16	8.7	0.0
23/07/2023 12:00	5.5	85	15	8.6	0.0
23/07/2023 12:10	5.6	82	16	7.9	0.0
23/07/2023 12:20	4.7	73	17	6.9	0.0
23/07/2023 12:30	4.4	73	17	6.8	0.0
23/07/2023 12:40	4.5	61	14	6.4	0.0
23/07/2023 12:50	4.9	58	13	6.8	0.0
23/07/2023 13:00	4.7	57	12	6.8	0.0
23/07/2023 13:10	5.1	55	10	6.6	0.0
23/07/2023 13:20	4.9	56	11	6.5	0.0
23/07/2023 13:30	4.9	57	9	6.4	0.0
23/07/2023 13:40	4.4	55	11	5.7	0.0
23/07/2023 13:50	4.7	56	12	6.3	0.0
23/07/2023 14:00	3.9	50	12	5.4	0.0
23/07/2023 14:10	3.9	48	13	5.4	0.0
23/07/2023 14:20	4.3	56	14	5.6	0.0
23/07/2023 14:30	4.8	57	11	6.4	0.0
23/07/2023 14:40	5.2	57	10	6.7	0.0
23/07/2023 14:50	4.5	54	11	6.2	0.0
23/07/2023 15:00	3.9	60	14	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 15:10	3.7	61	15	5.3	0.0
23/07/2023 15:20	3.5	62	15	5.4	0.0
23/07/2023 15:30	3.9	60	14	5.6	0.0
23/07/2023 15:40	4.1	57	12	5.6	0.0
23/07/2023 15:50	3.7	58	13	4.8	0.0
23/07/2023 16:00	3.9	57	11	5.1	0.0
23/07/2023 16:10	3.7	57	11	4.8	0.0
23/07/2023 16:20	3.7	59	11	5.0	0.0
23/07/2023 16:30	3.0	57	12	4.2	0.0
23/07/2023 16:40	3.2	60	12	4.4	0.0
23/07/2023 16:50	3.3	59	13	4.4	0.0
23/07/2023 17:00	3.1	61	14	4.4	0.0
23/07/2023 17:10	2.5	60	15	3.6	0.0
23/07/2023 17:20	2.1	66	17	3.6	0.0
23/07/2023 17:30	1.7	65	18	2.6	0.0
23/07/2023 17:40	1.5	69	17	2.8	0.0
23/07/2023 17:50	1.9	77	12	2.8	0.0
23/07/2023 18:00	2.4	78	15	3.3	0.0
23/07/2023 18:10	2.4	82	15	3.6	0.0
23/07/2023 18:20	2.2	78	16	3.2	0.0
23/07/2023 18:30	2.2	83	14	3.6	0.0
23/07/2023 18:40	2.1	78	17	3.4	0.0
23/07/2023 18:50	2.0	78	14	3.2	0.0
23/07/2023 19:00	2.4	80	13	3.5	0.0
23/07/2023 19:10	2.4	85	17	3.6	0.0
23/07/2023 19:20	2.1	100	16	3.2	0.0
23/07/2023 19:30	1.8	92	20	2.8	0.0
23/07/2023 19:40	1.7	89	17	2.6	0.0
23/07/2023 19:50	1.8	107	17	3.0	0.0
23/07/2023 20:00	1.9	110	18	2.8	0.0
23/07/2023 20:10	1.9	101	15	2.8	0.0
23/07/2023 20:20	2.0	82	16	3.1	0.0
23/07/2023 20:30	2.2	85	19	3.3	0.0
23/07/2023 20:40	2.0	84	17	3.2	0.0
23/07/2023 20:50	2.3	103	19	4.2	0.0
23/07/2023 21:00	2.1	93	20	3.8	0.0
23/07/2023 21:10	1.9	108	20	3.0	0.0
23/07/2023 21:20	2.3	106	22	3.5	0.0
23/07/2023 21:30	2.4	112	17	3.6	0.0
23/07/2023 21:40	2.8	122	17	3.9	0.0
23/07/2023 21:50	2.8	124	16	3.7	0.0
23/07/2023 22:00	2.7	114	14	3.8	0.0
23/07/2023 22:10	3.1	123	16	4.8	0.0
23/07/2023 22:20	2.9	117	16	4.0	0.0
23/07/2023 22:30	3.0	109	23	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/07/2023 22:40	3.7	103	20	5.7	0.0
23/07/2023 22:50	3.2	106	23	6.0	0.0
23/07/2023 23:00	5.0	86	15	7.5	0.0
23/07/2023 23:10	4.7	88	15	7.0	0.0
23/07/2023 23:20	5.0	94	17	7.5	0.0
23/07/2023 23:30	5.2	88	16	7.4	0.0
23/07/2023 23:40	4.8	90	19	7.2	0.0
23/07/2023 23:50	5.0	86	13	7.3	0.0
24/07/2023 0:00	5.1	90	17	7.5	0.0
24/07/2023 0:10	6.1	83	13	8.5	0.0
24/07/2023 0:20	5.7	87	15	8.0	0.0
24/07/2023 0:30	6.0	89	14	8.6	0.0
24/07/2023 0:40	6.6	88	13	9.8	0.0
24/07/2023 0:50	6.6	89	14	9.5	0.0
24/07/2023 1:00	6.5	89	16	9.6	0.0
24/07/2023 1:10	6.5	87	14	9.5	0.0
24/07/2023 1:20	6.5	87	13	9.0	0.0
24/07/2023 1:30	6.6	85	17	9.9	0.0
24/07/2023 1:40	6.8	87	15	8.9	0.0
24/07/2023 1:50	7.2	86	14	10.2	0.0
24/07/2023 2:00	7.5	85	14	10.7	0.0
24/07/2023 2:10	7.0	87	14	10.3	0.0
24/07/2023 2:20	7.0	86	16	10.3	0.0
24/07/2023 2:30	7.3	86	15	9.8	0.0
24/07/2023 2:40	5.8	87	16	9.1	0.0
24/07/2023 2:50	5.7	93	20	9.6	0.0
24/07/2023 3:00	4.9	99	22	8.8	0.0
24/07/2023 3:10	5.2	92	20	8.7	0.0
24/07/2023 3:20	4.6	93	23	8.1	0.0
24/07/2023 3:30	4.8	94	21	7.4	0.0
24/07/2023 3:40	4.8	99	20	7.7	0.0
24/07/2023 3:50	4.4	102	23	7.9	0.0
24/07/2023 4:00	4.7	102	21	8.4	0.0
24/07/2023 4:10	4.8	92	19	7.2	0.0
24/07/2023 4:20	4.8	98	20	7.5	0.0
24/07/2023 4:30	4.8	101	23	8.6	0.0
24/07/2023 4:40	5.2	106	21	8.8	0.0
24/07/2023 4:50	5.3	99	22	7.9	0.0
24/07/2023 5:00	4.7	101	21	8.3	0.0
24/07/2023 5:10	5.2	104	21	8.9	0.0
24/07/2023 5:20	4.8	90	18	7.3	0.0
24/07/2023 5:30	4.3	98	21	6.7	0.0
24/07/2023 5:40	6.2	86	14	9.1	0.0
24/07/2023 5:50	5.5	87	15	8.6	0.0
24/07/2023 6:00	5.8	90	16	8.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 6:10	5.4	91	17	7.8	0.0
24/07/2023 6:20	5.1	93	20	8.1	0.0
24/07/2023 6:30	5.4	93	15	8.3	0.0
24/07/2023 6:40	5.4	89	17	8.3	0.0
24/07/2023 6:50	6.4	89	15	9.6	0.0
24/07/2023 7:00	6.7	89	16	9.7	0.0
24/07/2023 7:10	6.9	87	16	9.5	0.0
24/07/2023 7:20	7.7	85	17	11.2	0.0
24/07/2023 7:30	7.5	88	15	11.5	0.0
24/07/2023 7:40	7.8	89	16	10.8	0.0
24/07/2023 7:50	7.8	88	13	10.5	0.0
24/07/2023 8:00	7.9	87	14	11.5	0.0
24/07/2023 8:10	7.4	88	16	10.9	0.0
24/07/2023 8:20	7.4	90	15	10.6	0.0
24/07/2023 8:30	7.8	87	15	10.9	0.0
24/07/2023 8:40	7.7	88	12	10.3	0.0
24/07/2023 8:50	7.5	94	16	10.3	0.0
24/07/2023 9:00	7.6	87	16	10.7	0.0
24/07/2023 9:10	7.4	89	15	10.0	0.0
24/07/2023 9:20	7.2	90	15	10.3	0.0
24/07/2023 9:30	6.9	87	16	9.5	0.0
24/07/2023 9:40	7.8	86	17	11.9	0.0
24/07/2023 9:50	8.7	85	16	11.9	0.0
24/07/2023 10:00	8.1	81	14	11.2	0.0
24/07/2023 10:10	8.3	86	14	11.3	0.0
24/07/2023 10:20	7.9	83	15	11.1	0.0
24/07/2023 10:30	8.4	83	13	11.6	0.0
24/07/2023 10:40	8.2	78	15	11.1	0.0
24/07/2023 10:50	7.6	70	16	11.0	0.0
24/07/2023 11:00	8.0	78	14	10.7	0.0
24/07/2023 11:10	7.1	76	14	9.7	0.0
24/07/2023 11:20	7.5	74	16	11.0	0.0
24/07/2023 11:30	7.5	79	15	10.4	0.0
24/07/2023 11:40	6.8	79	15	9.9	0.0
24/07/2023 11:50	7.0	77	14	9.3	0.0
24/07/2023 12:00	7.3	76	14	10.6	0.0
24/07/2023 12:10	7.1	73	16	10.0	0.0
24/07/2023 12:20	6.7	70	14	10.3	0.0
24/07/2023 12:30	7.7	73	15	10.7	0.0
24/07/2023 12:40	7.4	75	14	10.8	0.0
24/07/2023 12:50	7.3	74	14	10.0	0.0
24/07/2023 13:00	7.1	73	15	9.8	0.0
24/07/2023 13:10	6.8	72	14	9.9	0.0
24/07/2023 13:20	6.7	79	14	9.9	0.0
24/07/2023 13:30	6.8	73	15	9.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 13:40	6.9	70	13	9.5	0.0
24/07/2023 13:50	6.2	69	16	10.3	0.0
24/07/2023 14:00	5.8	67	16	8.3	0.0
24/07/2023 14:10	5.4	64	15	8.3	0.0
24/07/2023 14:20	5.3	69	17	7.9	0.0
24/07/2023 14:30	4.9	69	16	7.0	0.0
24/07/2023 14:40	4.8	65	16	7.3	0.0
24/07/2023 14:50	5.6	60	14	9.0	0.0
24/07/2023 15:00	6.9	59	11	9.9	0.0
24/07/2023 15:10	6.8	56	11	9.9	0.0
24/07/2023 15:20	5.6	50	12	7.5	0.0
24/07/2023 15:30	5.5	44	12	7.7	0.0
24/07/2023 15:40	5.7	46	13	8.8	0.0
24/07/2023 15:50	5.4	49	14	7.4	0.0
24/07/2023 16:00	5.1	37	13	7.6	0.0
24/07/2023 16:10	4.9	36	12	7.5	0.0
24/07/2023 16:20	5.0	31	13	7.0	0.0
24/07/2023 16:30	5.2	31	14	7.5	0.0
24/07/2023 16:40	4.5	34	14	6.4	0.0
24/07/2023 16:50	4.7	32	14	7.4	0.0
24/07/2023 17:00	4.9	32	13	6.6	0.0
24/07/2023 17:10	4.2	33	14	6.0	0.0
24/07/2023 17:20	4.0	33	14	6.0	0.0
24/07/2023 17:30	3.6	31	13	5.4	0.0
24/07/2023 17:40	3.2	35	13	5.0	0.0
24/07/2023 17:50	3.1	32	12	4.6	0.0
24/07/2023 18:00	2.7	32	14	3.9	0.0
24/07/2023 18:10	2.3	35	13	3.1	0.0
24/07/2023 18:20	1.9	33	12	2.7	0.0
24/07/2023 18:30	1.7	33	12	2.4	0.0
24/07/2023 18:40	1.8	39	14	2.5	0.0
24/07/2023 18:50	1.3	36	14	1.8	0.0
24/07/2023 19:00	1.3	50	13	2.0	0.0
24/07/2023 19:10	1.3	62	20	2.0	0.0
24/07/2023 19:20	1.6	58	16	2.4	0.0
24/07/2023 19:30	1.2	53	17	2.0	0.0
24/07/2023 19:40	0.9	53	21	1.4	0.0
24/07/2023 19:50	1.1	201	25	1.6	0.0
24/07/2023 20:00	0.9	13	15	1.4	0.0
24/07/2023 20:10	0.5	338	16	1.2	0.0
24/07/2023 20:20					0.0
24/07/2023 20:30	0.0	95	0	0.6	0.0
24/07/2023 20:40	0.1	116	13	0.8	0.0
24/07/2023 20:50	0.9	87	14	1.7	0.0
24/07/2023 21:00	1.0	75	20	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/07/2023 21:10	0.2	13	9	1.1	0.0
24/07/2023 21:20	0.9	20	19	1.5	0.0
24/07/2023 21:30	0.3	15	14	1.1	0.0
24/07/2023 21:40	0.9	90	19	1.6	0.0
24/07/2023 21:50	1.5	108	12	2.3	0.0
24/07/2023 22:00	1.2	106	21	2.2	0.0
24/07/2023 22:10	1.1	109	20	2.0	0.0
24/07/2023 22:20	1.4	140	20	2.1	0.0
24/07/2023 22:30	1.5	138	19	2.3	0.0
24/07/2023 22:40	1.6	147	23	2.6	0.0
24/07/2023 22:50	1.7	134	23	2.8	0.0
24/07/2023 23:00	1.2	141	28	2.0	0.0
24/07/2023 23:10	0.6	242	33	1.5	0.0
24/07/2023 23:20	0.7	188	25	1.2	0.0
24/07/2023 23:30	0.5	231	46	1.2	0.0
24/07/2023 23:40	0.8	149	28	1.8	0.0
24/07/2023 23:50	0.7	144	46	2.0	0.0
25/07/2023 0:00	1.2	133	38	2.4	0.0
25/07/2023 0:10	2.0	154	21	3.2	0.0
25/07/2023 0:20	2.2	155	20	3.5	0.0
25/07/2023 0:30	2.3	155	23	3.4	0.0
25/07/2023 0:40	2.7	136	24	3.7	0.0
25/07/2023 0:50	2.2	112	23	4.0	0.0
25/07/2023 1:00	1.7	91	26	3.0	0.0
25/07/2023 1:10	2.1	105	21	3.4	0.0
25/07/2023 1:20	2.3	108	15	3.1	0.0
25/07/2023 1:30	1.3	98	13	1.9	0.0
25/07/2023 1:40	1.0	95	22	2.1	0.0
25/07/2023 1:50	2.2	124	23	3.4	0.0
25/07/2023 2:00	1.1	102	37	2.4	0.0
25/07/2023 2:10	2.8	138	26	4.8	0.0
25/07/2023 2:20	3.6	140	23	5.4	0.0
25/07/2023 2:30	3.6	136	22	5.7	0.0
25/07/2023 2:40	3.1	144	20	5.3	0.0
25/07/2023 2:50	3.2	143	25	5.8	0.0
25/07/2023 3:00	3.5	132	23	5.5	0.0
25/07/2023 3:10	3.7	131	21	5.8	0.0
25/07/2023 3:20	4.3	128	18	5.7	0.0
25/07/2023 3:30	4.4	125	19	6.5	0.0
25/07/2023 3:40	4.6	125	17	6.6	0.0
25/07/2023 3:50	5.1	116	14	7.4	0.0
25/07/2023 4:00	4.8	118	17	6.8	0.0
25/07/2023 4:10	4.8	121	18	7.8	0.0
25/07/2023 4:20	5.5	117	17	8.1	0.0
25/07/2023 4:30	4.6	117	19	7.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 4:40	4.4	114	22	7.3	0.0
25/07/2023 4:50	3.6	110	22	6.2	0.0
25/07/2023 5:00	3.9	101	22	6.4	0.0
25/07/2023 5:10	4.2	94	18	6.9	0.0
25/07/2023 5:20	5.1	91	15	7.6	0.0
25/07/2023 5:30	5.9	88	14	8.3	0.0
25/07/2023 5:40	6.4	91	16	9.0	0.0
25/07/2023 5:50	5.8	89	15	8.2	0.0
25/07/2023 6:00	5.8	89	15	8.6	0.0
25/07/2023 6:10	5.3	92	17	7.8	0.0
25/07/2023 6:20	5.5	90	14	8.2	0.0
25/07/2023 6:30	5.6	91	14	7.9	0.0
25/07/2023 6:40	4.8	89	15	6.7	0.0
25/07/2023 6:50	5.0	94	17	8.3	0.0
25/07/2023 7:00	4.8	99	18	7.2	0.0
25/07/2023 7:10	4.7	94	18	6.7	0.0
25/07/2023 7:20	4.9	95	17	7.9	0.0
25/07/2023 7:30	4.9	95	16	7.2	0.0
25/07/2023 7:40	5.2	92	17	8.2	0.0
25/07/2023 7:50	5.8	91	16	8.7	0.0
25/07/2023 8:00	5.6	92	17	9.4	0.0
25/07/2023 8:10	6.0	93	15	8.6	0.0
25/07/2023 8:20	5.8	92	16	8.3	0.0
25/07/2023 8:30	5.7	92	17	8.2	0.0
25/07/2023 8:40	6.0	90	16	9.0	0.0
25/07/2023 8:50	5.5	91	16	9.1	0.0
25/07/2023 9:00	6.3	93	15	9.1	0.0
25/07/2023 9:10	6.5	90	17	8.9	0.0
25/07/2023 9:20	6.7	88	15	9.3	0.0
25/07/2023 9:30	6.9	84	15	9.4	0.0
25/07/2023 9:40	6.4	84	17	9.2	0.0
25/07/2023 9:50	6.7	81	17	10.0	0.0
25/07/2023 10:00	6.8	82	16	10.3	0.0
25/07/2023 10:10	6.8	83	14	9.4	0.0
25/07/2023 10:20	6.7	81	16	10.3	0.0
25/07/2023 10:30	6.4	78	13	8.9	0.0
25/07/2023 10:40	6.3	78	16	9.8	0.0
25/07/2023 10:50	6.4	78	16	9.0	0.0
25/07/2023 11:00	6.1	79	14	8.6	0.0
25/07/2023 11:10	6.3	75	13	9.2	0.0
25/07/2023 11:20	6.0	78	16	8.3	0.0
25/07/2023 11:30	5.8	78	15	8.6	0.0
25/07/2023 11:40	6.4	77	14	8.6	0.0
25/07/2023 11:50	5.6	76	15	7.7	0.0
25/07/2023 12:00	5.5	72	15	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 12:10	5.5	72	14	8.1	0.0
25/07/2023 12:20	5.5	73	14	7.9	0.0
25/07/2023 12:30	5.7	74	13	7.9	0.0
25/07/2023 12:40	5.0	70	14	7.2	0.0
25/07/2023 12:50	5.0	69	16	7.5	0.0
25/07/2023 13:00	5.0	69	14	7.6	0.0
25/07/2023 13:10	4.9	69	16	6.9	0.0
25/07/2023 13:20	4.7	66	14	7.2	0.0
25/07/2023 13:30	4.5	67	17	6.7	0.0
25/07/2023 13:40	4.4	65	17	6.5	0.0
25/07/2023 13:50	4.6	67	14	6.8	0.0
25/07/2023 14:00	4.4	71	17	6.4	0.0
25/07/2023 14:10	4.3	63	16	6.3	0.0
25/07/2023 14:20	4.0	64	17	5.6	0.0
25/07/2023 14:30	4.0	64	14	5.6	0.0
25/07/2023 14:40	4.0	68	16	6.3	0.0
25/07/2023 14:50	3.8	66	19	5.6	0.0
25/07/2023 15:00	3.6	62	15	5.2	0.0
25/07/2023 15:10	3.7	60	13	5.8	0.0
25/07/2023 15:20	3.9	55	15	5.4	0.0
25/07/2023 15:30	3.4	61	14	4.9	0.0
25/07/2023 15:40	3.4	57	15	5.1	0.0
25/07/2023 15:50	3.5	58	13	5.2	0.0
25/07/2023 16:00	3.5	59	15	5.2	0.0
25/07/2023 16:10	3.4	62	14	5.0	0.0
25/07/2023 16:20	2.8	65	18	4.2	0.0
25/07/2023 16:30	3.1	69	16	4.8	0.0
25/07/2023 16:40	2.7	67	16	4.2	0.0
25/07/2023 16:50	2.8	68	15	4.1	0.0
25/07/2023 17:00	2.6	71	15	4.0	0.0
25/07/2023 17:10	2.5	68	15	3.6	0.0
25/07/2023 17:20	2.8	72	14	3.8	0.0
25/07/2023 17:30	2.9	72	14	4.0	0.0
25/07/2023 17:40	3.1	75	14	4.4	0.0
25/07/2023 17:50	2.9	77	13	4.0	0.0
25/07/2023 18:00	3.0	78	13	4.2	0.0
25/07/2023 18:10	2.8	78	13	3.9	0.0
25/07/2023 18:20	2.6	83	15	3.6	0.0
25/07/2023 18:30	2.8	84	14	3.9	0.0
25/07/2023 18:40	3.0	86	13	4.3	0.0
25/07/2023 18:50	2.6	88	14	3.8	0.0
25/07/2023 19:00	2.7	88	15	4.2	0.0
25/07/2023 19:10	2.5	92	15	4.0	0.0
25/07/2023 19:20	2.7	93	16	4.0	0.0
25/07/2023 19:30	2.7	90	16	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/07/2023 19:40	2.2	104	19	3.1	0.0
25/07/2023 19:50	2.1	105	18	3.4	0.0
25/07/2023 20:00	2.1	109	17	3.2	0.0
25/07/2023 20:10	2.6	115	10	3.4	0.0
25/07/2023 20:20	2.4	121	17	3.2	0.0
25/07/2023 20:30	2.2	120	14	3.2	0.0
25/07/2023 20:40	2.2	116	11	3.1	0.0
25/07/2023 20:50	2.1	113	10	2.9	0.0
25/07/2023 21:00	2.2	113	10	2.8	0.0
25/07/2023 21:10	2.2	112	12	2.9	0.0
25/07/2023 21:20	2.1	111	11	3.0	0.0
25/07/2023 21:30	1.9	107	14	2.6	0.0
25/07/2023 21:40	1.7	109	16	2.8	0.0
25/07/2023 21:50	2.0	100	17	3.1	0.0
25/07/2023 22:00	2.1	98	18	2.9	0.0
25/07/2023 22:10	1.9	96	18	3.2	0.0
25/07/2023 22:20	2.1	85	14	3.2	0.0
25/07/2023 22:30	2.1	84	12	3.0	0.0
25/07/2023 22:40	1.8	80	11	2.4	0.0
25/07/2023 22:50	1.4	72	11	2.2	0.0
25/07/2023 23:00	1.2	69	13	1.9	0.0
25/07/2023 23:10	0.3	79	14	1.2	0.0
25/07/2023 23:20	0.1	31	7	0.8	0.0
25/07/2023 23:30	1.2	64	23	2.4	0.0
25/07/2023 23:40	2.1	73	13	3.5	0.0
25/07/2023 23:50	2.0	70	12	3.1	0.0
26/07/2023 0:00	2.3	65	16	3.7	0.0
26/07/2023 0:10	1.9	69	15	2.6	0.0
26/07/2023 0:20	2.1	78	14	3.0	0.0
26/07/2023 0:30	1.8	72	13	2.9	0.0
26/07/2023 0:40	1.4	66	26	2.4	0.0
26/07/2023 0:50	0.4	70	22	1.2	0.0
26/07/2023 1:00	0.5	59	16	1.0	0.0
26/07/2023 1:10	1.3	113	20	1.7	0.0
26/07/2023 1:20	1.9	87	16	3.2	0.0
26/07/2023 1:30	1.6	85	11	2.7	0.0
26/07/2023 1:40	0.6	74	8	1.6	0.0
26/07/2023 1:50	1.0	73	19	1.6	0.0
26/07/2023 2:00	1.0	109	22	1.4	0.0
26/07/2023 2:10	1.4	130	21	2.4	0.0
26/07/2023 2:20	1.8	140	22	2.9	0.0
26/07/2023 2:30	2.4	120	17	3.2	0.0
26/07/2023 2:40	3.0	122	14	4.3	0.0
26/07/2023 2:50	3.2	125	15	4.7	0.0
26/07/2023 3:00	3.2	123	15	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 3:10	3.1	125	16	4.3	0.0
26/07/2023 3:20	3.1	123	13	4.6	0.0
26/07/2023 3:30	3.3	118	12	4.5	0.0
26/07/2023 3:40	3.1	115	13	3.9	0.0
26/07/2023 3:50	2.8	121	15	3.8	0.0
26/07/2023 4:00	2.7	124	16	3.8	0.0
26/07/2023 4:10	2.5	116	11	3.2	0.0
26/07/2023 4:20	2.3	120	15	3.3	0.0
26/07/2023 4:30	2.3	121	16	3.7	0.0
26/07/2023 4:40	2.4	118	17	3.7	0.0
26/07/2023 4:50	2.4	116	20	3.3	0.0
26/07/2023 5:00	2.8	113	18	4.2	0.0
26/07/2023 5:10	2.6	125	22	4.3	0.0
26/07/2023 5:20	2.9	123	18	4.5	0.0
26/07/2023 5:30	3.0	124	18	4.6	0.0
26/07/2023 5:40	3.2	122	17	5.2	0.0
26/07/2023 5:50	3.3	124	20	4.8	0.0
26/07/2023 6:00	3.3	122	20	4.7	0.0
26/07/2023 6:10	3.2	118	15	4.7	0.0
26/07/2023 6:20	3.3	120	18	4.5	0.0
26/07/2023 6:30	3.6	118	14	5.5	0.0
26/07/2023 6:40	3.4	121	14	4.8	0.0
26/07/2023 6:50	3.1	119	18	4.4	0.0
26/07/2023 7:00	3.2	122	17	4.5	0.0
26/07/2023 7:10	3.1	124	15	4.2	0.0
26/07/2023 7:20	3.2	125	15	4.8	0.0
26/07/2023 7:30	3.1	126	19	4.7	0.0
26/07/2023 7:40	2.8	126	20	4.1	0.0
26/07/2023 7:50	3.1	126	16	4.7	0.0
26/07/2023 8:00	3.1	124	17	4.4	0.0
26/07/2023 8:10	3.0	121	19	4.4	0.0
26/07/2023 8:20	2.9	116	22	4.7	0.0
26/07/2023 8:30	2.8	123	20	4.1	0.0
26/07/2023 8:40	2.9	124	21	4.8	0.0
26/07/2023 8:50	3.0	123	19	4.7	0.0
26/07/2023 9:00	3.2	117	13	4.4	0.0
26/07/2023 9:10	3.1	91	15	4.4	0.0
26/07/2023 9:20	3.6	80	13	4.8	0.0
26/07/2023 9:30	3.6	75	14	5.1	0.0
26/07/2023 9:40	3.5	82	17	5.2	0.0
26/07/2023 9:50	3.7	84	16	5.0	0.0
26/07/2023 10:00	3.5	79	14	4.8	0.0
26/07/2023 10:10	3.6	85	13	4.8	0.0
26/07/2023 10:20	3.7	80	14	5.0	0.0
26/07/2023 10:30	3.3	82	15	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 10:40	3.5	70	15	4.8	0.0
26/07/2023 10:50	3.4	60	16	4.9	0.0
26/07/2023 11:00	3.2	62	15	5.0	0.0
26/07/2023 11:10	3.5	58	11	4.5	0.0
26/07/2023 11:20	3.9	60	10	5.3	0.0
26/07/2023 11:30	3.9	56	11	5.2	0.0
26/07/2023 11:40	4.1	58	11	6.0	0.0
26/07/2023 11:50	4.2	54	13	5.5	0.0
26/07/2023 12:00	4.2	57	11	5.8	0.0
26/07/2023 12:10	4.3	59	12	5.7	0.0
26/07/2023 12:20	4.3	60	12	5.5	0.0
26/07/2023 12:30	3.8	61	12	5.2	0.0
26/07/2023 12:40	3.7	62	12	4.8	0.0
26/07/2023 12:50	3.8	58	11	4.9	0.0
26/07/2023 13:00	3.9	59	11	5.2	0.0
26/07/2023 13:10	3.7	55	13	5.2	0.0
26/07/2023 13:20	3.5	52	14	4.7	0.0
26/07/2023 13:30	3.2	56	13	4.4	0.0
26/07/2023 13:40	3.5	60	10	4.6	0.0
26/07/2023 13:50	3.7	59	11	4.9	0.0
26/07/2023 14:00	4.0	60	11	5.1	0.0
26/07/2023 14:10	4.1	57	10	5.5	0.0
26/07/2023 14:20	4.2	56	9	5.2	0.0
26/07/2023 14:30	4.1	59	9	5.2	0.0
26/07/2023 14:40	3.9	61	9	4.9	0.0
26/07/2023 14:50	3.8	55	12	5.0	0.0
26/07/2023 15:00	2.7	60	18	4.4	0.0
26/07/2023 15:10	2.7	64	17	4.0	0.0
26/07/2023 15:20	2.6	69	17	3.5	0.0
26/07/2023 15:30	3.0	78	15	4.3	0.0
26/07/2023 15:40	2.6	72	17	4.0	0.0
26/07/2023 15:50	2.6	77	15	3.5	0.0
26/07/2023 16:00	2.9	78	12	3.9	0.0
26/07/2023 16:10	2.9	77	12	3.6	0.0
26/07/2023 16:20	3.0	76	12	4.0	0.0
26/07/2023 16:30	2.5	79	14	3.6	0.0
26/07/2023 16:40	2.4	81	17	3.3	0.0
26/07/2023 16:50	2.5	86	14	3.4	0.0
26/07/2023 17:00	2.6	85	14	3.6	0.0
26/07/2023 17:10	2.6	87	12	3.9	0.0
26/07/2023 17:20	2.2	90	16	3.5	0.0
26/07/2023 17:30	2.6	92	11	3.7	0.0
26/07/2023 17:40	2.7	95	15	3.9	0.0
26/07/2023 17:50	2.5	93	14	3.6	0.0
26/07/2023 18:00	2.8	93	15	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/07/2023 18:10	2.5	110	18	3.6	0.0
26/07/2023 18:20	2.3	109	18	3.4	0.0
26/07/2023 18:30	2.2	105	17	3.4	0.0
26/07/2023 18:40	2.4	108	18	3.5	0.0
26/07/2023 18:50	2.3	125	19	3.2	0.0
26/07/2023 19:00	2.0	129	21	3.2	0.0
26/07/2023 19:10	2.0	123	19	3.0	0.0
26/07/2023 19:20	2.1	117	14	3.0	0.0
26/07/2023 19:30	2.0	112	16	2.8	0.0
26/07/2023 19:40	1.9	117	15	2.8	0.0
26/07/2023 19:50	1.9	137	18	3.0	0.0
26/07/2023 20:00	1.8	121	17	2.8	0.0
26/07/2023 20:10	1.8	110	15	2.7	0.0
26/07/2023 20:20	1.8	107	17	2.6	0.0
26/07/2023 20:30	1.5	101	18	2.3	0.0
26/07/2023 20:40	1.4	97	20	2.2	0.0
26/07/2023 20:50	0.9	67	12	1.5	0.0
26/07/2023 21:00	0.1	88	3	0.8	0.0
26/07/2023 21:10	0.3	205	6	0.8	0.0
26/07/2023 21:20	0.1	179	4	0.6	0.0
26/07/2023 21:30	0.6	294	7	1.4	0.0
26/07/2023 21:40	1.4	232	10	1.8	0.0
26/07/2023 21:50	1.5	208	7	1.8	0.0
26/07/2023 22:00	1.1	191	10	1.5	0.0
26/07/2023 22:10	1.7	224	15	2.3	0.0
26/07/2023 22:20	1.7	218	11	2.0	0.0
26/07/2023 22:30	2.1	211	15	2.8	0.0
26/07/2023 22:40	2.2	209	15	3.3	0.0
26/07/2023 22:50	2.3	209	12	3.2	0.0
26/07/2023 23:00	2.2	207	13	3.1	0.0
26/07/2023 23:10	2.1	215	16	3.0	0.0
26/07/2023 23:20	1.9	222	16	2.5	0.1
26/07/2023 23:30	1.8	219	8	2.2	0.0
26/07/2023 23:40	1.1	246	41	1.7	0.0
26/07/2023 23:50	0.9	302	9	1.2	0.0
27/07/2023 0:00	0.2	298	3	0.9	0.0
27/07/2023 0:10	0.1	94	1	0.6	0.0
27/07/2023 0:20	0.4	29	11	0.8	0.0
27/07/2023 0:30	0.7	351	11	1.2	0.0
27/07/2023 0:40	0.3	163	4	0.8	0.0
27/07/2023 0:50	0.2	53	1	0.8	0.0
27/07/2023 1:00	0.0	282	0	0.4	0.0
27/07/2023 1:10					0.0
27/07/2023 1:20	1.5	171	17	2.2	0.0
27/07/2023 1:30	1.0	114	13	1.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 1:40	2.6	183	15	4.3	0.0
27/07/2023 1:50	3.6	186	13	5.2	0.0
27/07/2023 2:00	3.2	186	10	4.4	0.0
27/07/2023 2:10	2.8	177	14	4.0	0.0
27/07/2023 2:20	2.7	180	14	3.6	0.0
27/07/2023 2:30	2.2	185	14	3.4	0.0
27/07/2023 2:40	2.1	194	11	3.2	0.0
27/07/2023 2:50	3.0	185	10	4.1	0.0
27/07/2023 3:00	2.9	202	12	3.8	0.0
27/07/2023 3:10	3.2	205	10	4.3	0.0
27/07/2023 3:20	2.8	206	13	3.7	0.0
27/07/2023 3:30	3.5	200	10	4.4	0.0
27/07/2023 3:40	3.5	188	14	5.0	0.0
27/07/2023 3:50	3.4	187	12	4.7	0.0
27/07/2023 4:00	3.9	184	11	5.0	0.0
27/07/2023 4:10	4.1	189	10	5.5	0.0
27/07/2023 4:20	4.0	184	10	5.2	0.0
27/07/2023 4:30	3.3	186	12	4.6	0.0
27/07/2023 4:40	3.6	189	11	5.0	0.0
27/07/2023 4:50	3.7	190	11	4.8	0.0
27/07/2023 5:00	3.5	186	11	4.8	0.0
27/07/2023 5:10	3.3	189	11	4.2	0.0
27/07/2023 5:20	3.4	189	11	4.8	0.0
27/07/2023 5:30	2.7	189	11	3.6	0.0
27/07/2023 5:40	2.9	190	12	3.9	0.0
27/07/2023 5:50	3.0	191	11	4.0	0.0
27/07/2023 6:00	2.4	190	14	3.2	0.0
27/07/2023 6:10	2.2	188	14	3.2	0.0
27/07/2023 6:20	1.9	195	18	2.8	0.0
27/07/2023 6:30	1.5	188	18	2.6	0.0
27/07/2023 6:40	1.0	119	21	1.9	0.0
27/07/2023 6:50	0.8	126	22	1.3	0.0
27/07/2023 7:00	0.9	73	19	1.4	0.0
27/07/2023 7:10	0.6	69	8	1.1	0.0
27/07/2023 7:20	0.8	95	13	1.1	0.0
27/07/2023 7:30	0.5	83	8	0.9	0.0
27/07/2023 7:40	0.3	91	6	0.9	0.0
27/07/2023 7:50	0.7	100	10	1.2	0.0
27/07/2023 8:00	0.6	57	12	1.1	0.0
27/07/2023 8:10	1.0	74	18	1.6	0.0
27/07/2023 8:20	1.3	77	15	2.0	0.0
27/07/2023 8:30	1.4	107	25	2.4	0.0
27/07/2023 8:40	1.5	106	16	2.5	0.0
27/07/2023 8:50	1.1	111	23	2.0	0.0
27/07/2023 9:00	1.6	144	19	2.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 9:10	1.8	164	24	2.5	0.0
27/07/2023 9:20	2.3	183	19	3.6	0.0
27/07/2023 9:30	2.1	147	22	3.6	0.0
27/07/2023 9:40	2.2	125	24	3.3	0.0
27/07/2023 9:50	1.7	112	27	2.5	0.0
27/07/2023 10:00	1.5	94	29	2.4	0.0
27/07/2023 10:10	1.6	101	25	2.7	0.0
27/07/2023 10:20	1.7	83	21	2.5	0.0
27/07/2023 10:30	1.7	119	29	2.8	0.0
27/07/2023 10:40	2.2	108	16	3.3	0.0
27/07/2023 10:50	1.5	112	28	2.8	0.0
27/07/2023 11:00	1.9	115	24	2.8	0.0
27/07/2023 11:10	2.0	112	22	3.2	0.0
27/07/2023 11:20	1.8	95	33	2.8	0.0
27/07/2023 11:30	1.9	122	27	3.3	0.0
27/07/2023 11:40	1.8	119	30	3.1	0.0
27/07/2023 11:50	1.6	63	26	2.5	0.0
27/07/2023 12:00	1.3	64	37	2.3	0.0
27/07/2023 12:10	1.9	114	20	2.8	0.0
27/07/2023 12:20	2.1	113	17	2.8	0.0
27/07/2023 12:30	1.8	94	34	3.0	0.0
27/07/2023 12:40	1.7	81	25	2.4	0.0
27/07/2023 12:50	1.6	79	31	2.5	0.0
27/07/2023 13:00	1.8	45	27	3.0	0.0
27/07/2023 13:10	1.5	59	32	2.4	0.0
27/07/2023 13:20	1.5	57	15	2.0	0.0
27/07/2023 13:30	1.5	45	18	2.2	0.0
27/07/2023 13:40	1.4	59	17	1.9	0.0
27/07/2023 13:50	1.3	64	21	1.9	0.0
27/07/2023 14:00	1.6	39	16	2.2	0.0
27/07/2023 14:10	2.0	34	15	2.6	0.0
27/07/2023 14:20	2.0	39	12	2.6	0.0
27/07/2023 14:30	2.4	43	10	3.1	0.0
27/07/2023 14:40	2.5	42	15	3.4	0.0
27/07/2023 14:50	2.2	46	12	2.9	0.0
27/07/2023 15:00	2.1	52	12	3.0	0.0
27/07/2023 15:10	1.9	57	13	2.7	0.0
27/07/2023 15:20	1.9	62	11	2.4	0.0
27/07/2023 15:30	1.9	63	11	2.6	0.0
27/07/2023 15:40	1.8	50	12	2.4	0.2
27/07/2023 15:50	1.8	47	11	2.5	0.0
27/07/2023 16:00	1.7	60	12	2.3	0.0
27/07/2023 16:10	1.8	47	12	2.6	0.0
27/07/2023 16:20	1.8	48	11	2.5	0.0
27/07/2023 16:30	1.7	48	12	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/07/2023 16:40	1.7	45	12	2.4	0.0
27/07/2023 16:50	1.6	42	13	2.1	0.0
27/07/2023 17:00	1.6	32	12	2.3	0.0
27/07/2023 17:10	1.3	43	11	1.8	0.0
27/07/2023 17:20	0.9	45	14	1.2	0.0
27/07/2023 17:30	1.3	52	13	1.8	0.0
27/07/2023 17:40	1.3	33	11	1.8	0.0
27/07/2023 17:50	1.3	38	12	2.0	0.0
27/07/2023 18:00	0.8	64	17	1.4	0.0
27/07/2023 18:10	0.4	131	17	0.8	0.0
27/07/2023 18:20	0.6	164	8	0.9	0.0
27/07/2023 18:30	1.0	340	17	2.0	0.0
27/07/2023 18:40	2.3	328	15	3.4	0.0
27/07/2023 18:50	2.0	322	14	2.8	0.0
27/07/2023 19:00	1.6	338	14	2.4	0.0
27/07/2023 19:10	1.3	334	14	2.1	0.0
27/07/2023 19:20	1.1	314	20	1.7	0.0
27/07/2023 19:30	1.3	268	18	2.0	0.0
27/07/2023 19:40	1.5	292	19	2.2	0.0
27/07/2023 19:50	1.5	287	20	2.1	0.0
27/07/2023 20:00	1.3	257	18	2.1	0.0
27/07/2023 20:10	1.3	263	17	2.0	0.0
27/07/2023 20:20	1.6	256	18	2.2	0.0
27/07/2023 20:30	1.2	272	23	2.0	0.0
27/07/2023 20:40	1.2	279	25	2.0	0.0
27/07/2023 20:50	0.7	251	39	1.3	0.0
27/07/2023 21:00	1.0	245	32	1.9	0.0
27/07/2023 21:10	0.8	217	31	1.3	0.0
27/07/2023 21:20	0.2	211	10	0.8	0.0
27/07/2023 21:30	0.5	274	26	1.4	0.0
27/07/2023 21:40	1.0	304	11	1.4	0.0
27/07/2023 21:50	0.9	294	18	1.3	0.0
27/07/2023 22:00	1.4	296	10	1.9	0.0
27/07/2023 22:10	1.3	287	9	1.7	0.0
27/07/2023 22:20	1.5	296	5	1.9	0.0
27/07/2023 22:30	1.3	299	12	1.6	0.0
27/07/2023 22:40	1.6	312	14	2.0	0.0
27/07/2023 22:50	1.4	304	6	1.8	0.0
27/07/2023 23:00	1.4	315	13	1.8	0.0
27/07/2023 23:10	1.3	312	12	1.7	0.0
27/07/2023 23:20	1.1	297	26	1.7	0.0
27/07/2023 23:30	0.6	295	46	1.1	0.0
27/07/2023 23:40	1.0	248	37	1.6	0.0
27/07/2023 23:50	1.6	235	30	2.6	0.0
28/07/2023 0:00	1.2	219	42	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 0:10	1.3	242	36	2.4	0.0
28/07/2023 0:20	1.4	283	24	2.0	0.0
28/07/2023 0:30	1.1	236	35	2.0	0.0
28/07/2023 0:40	1.2	294	28	1.8	0.0
28/07/2023 0:50	1.3	282	27	2.0	0.0
28/07/2023 1:00	1.5	296	17	2.0	0.0
28/07/2023 1:10	1.3	291	18	1.9	0.0
28/07/2023 1:20	1.3	292	16	1.8	0.0
28/07/2023 1:30	0.9	268	24	1.7	0.0
28/07/2023 1:40	1.2	281	38	1.7	0.0
28/07/2023 1:50	0.1	110	11	0.6	0.0
28/07/2023 2:00	0.6	295	45	1.1	0.0
28/07/2023 2:10	0.4	198	36	0.9	0.0
28/07/2023 2:20	0.2	166	5	0.8	0.0
28/07/2023 2:30	0.7	160	12	0.9	0.0
28/07/2023 2:40					0.0
28/07/2023 2:50	0.3	159	5	0.7	0.0
28/07/2023 3:00	0.3	328	13	0.9	0.0
28/07/2023 3:10	0.1	163	12	0.7	0.0
28/07/2023 3:20	0.1	111	4	0.7	0.0
28/07/2023 3:30	0.0	67	0	0.4	0.0
28/07/2023 3:40	0.9	319	21	1.4	0.0
28/07/2023 3:50	0.8	187	40	1.2	0.0
28/07/2023 4:00	1.4	328	26	1.8	0.0
28/07/2023 4:10	1.6	310	17	2.4	0.0
28/07/2023 4:20	1.2	190	58	2.1	0.0
28/07/2023 4:30	0.7	21	48	1.2	0.0
28/07/2023 4:40	0.9	348	27	1.2	0.0
28/07/2023 4:50	1.0	324	17	1.6	0.0
28/07/2023 5:00	0.4	248	12	1.1	0.0
28/07/2023 5:10	1.7	119	14	2.5	0.0
28/07/2023 5:20	2.2	111	9	2.7	0.0
28/07/2023 5:30	2.1	113	13	2.9	0.0
28/07/2023 5:40	2.7	129	16	4.0	0.0
28/07/2023 5:50	2.1	144	18	3.2	0.0
28/07/2023 6:00	2.0	134	18	2.8	0.0
28/07/2023 6:10	1.8	140	19	2.6	0.0
28/07/2023 6:20	1.5	136	18	2.7	0.0
28/07/2023 6:30	1.5	127	19	2.2	0.0
28/07/2023 6:40	2.3	124	20	3.5	0.0
28/07/2023 6:50	2.3	123	21	3.9	0.0
28/07/2023 7:00	2.5	141	24	4.0	0.0
28/07/2023 7:10	2.3	142	31	4.2	0.0
28/07/2023 7:20	2.1	143	34	4.4	0.0
28/07/2023 7:30	2.8	146	30	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 7:40	2.5	143	29	4.3	0.0
28/07/2023 7:50	1.7	119	34	3.2	0.0
28/07/2023 8:00	1.6	114	45	3.3	0.0
28/07/2023 8:10	2.2	121	29	3.8	0.0
28/07/2023 8:20	2.9	106	27	5.6	0.0
28/07/2023 8:30	2.9	108	24	4.8	0.0
28/07/2023 8:40	2.7	100	27	5.0	0.0
28/07/2023 8:50	2.7	106	30	5.3	0.0
28/07/2023 9:00	2.2	115	32	5.1	0.0
28/07/2023 9:10	2.3	120	31	4.5	0.0
28/07/2023 9:20	1.8	119	52	4.2	0.0
28/07/2023 9:30	3.9	110	19	6.0	0.0
28/07/2023 9:40	3.4	98	26	5.9	0.0
28/07/2023 9:50	3.1	109	27	5.3	0.0
28/07/2023 10:00	2.7	99	28	4.5	0.0
28/07/2023 10:10	3.1	90	23	4.8	0.0
28/07/2023 10:20	3.1	81	19	4.8	0.0
28/07/2023 10:30	3.6	78	14	5.2	0.0
28/07/2023 10:40	3.6	80	13	5.5	0.0
28/07/2023 10:50	3.4	82	14	4.8	0.0
28/07/2023 11:00	3.0	83	14	4.8	0.0
28/07/2023 11:10	2.7	69	16	3.6	0.0
28/07/2023 11:20	2.9	49	15	3.7	0.0
28/07/2023 11:30	2.9	52	15	4.0	0.0
28/07/2023 11:40	2.5	50	15	3.4	0.0
28/07/2023 11:50	2.5	56	15	3.6	0.0
28/07/2023 12:00	2.5	56	16	3.4	0.0
28/07/2023 12:10	2.9	51	13	4.0	0.0
28/07/2023 12:20	3.6	46	15	4.9	0.0
28/07/2023 12:30	3.6	42	15	4.8	0.0
28/07/2023 12:40	3.4	47	14	4.8	0.0
28/07/2023 12:50	3.7	49	15	4.9	0.0
28/07/2023 13:00	3.6	43	14	4.8	0.0
28/07/2023 13:10	3.3	52	12	4.4	0.0
28/07/2023 13:20	3.4	51	14	5.0	0.0
28/07/2023 13:30	3.1	53	16	4.3	0.0
28/07/2023 13:40	3.1	51	17	4.0	0.0
28/07/2023 13:50	3.0	51	12	4.0	0.0
28/07/2023 14:00	2.6	55	15	3.7	0.0
28/07/2023 14:10	2.7	55	15	3.6	0.0
28/07/2023 14:20	2.4	59	14	3.3	0.0
28/07/2023 14:30	2.2	57	19	3.2	0.0
28/07/2023 14:40	2.4	62	13	3.7	0.0
28/07/2023 14:50	2.3	65	14	3.3	0.0
28/07/2023 15:00	2.6	55	15	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 15:10	2.8	49	13	4.0	0.0
28/07/2023 15:20	3.1	49	12	4.2	0.0
28/07/2023 15:30	2.8	52	14	3.7	0.0
28/07/2023 15:40	2.6	51	13	3.6	0.0
28/07/2023 15:50	2.5	47	14	3.3	0.0
28/07/2023 16:00	2.6	44	12	3.6	0.0
28/07/2023 16:10	2.3	52	14	3.0	0.0
28/07/2023 16:20	2.1	64	12	2.8	0.0
28/07/2023 16:30	2.2	65	12	3.0	0.0
28/07/2023 16:40	2.1	63	11	2.7	0.0
28/07/2023 16:50	1.7	55	13	2.4	0.0
28/07/2023 17:00	1.7	61	12	2.3	0.0
28/07/2023 17:10	1.8	66	12	2.5	0.0
28/07/2023 17:20	1.2	79	21	2.0	0.0
28/07/2023 17:30	0.3	108	12	0.8	0.0
28/07/2023 17:40	0.1	150	4	0.7	0.0
28/07/2023 17:50	0.1	65	4	0.6	0.0
28/07/2023 18:00	0.2	306	8	1.0	0.0
28/07/2023 18:10	1.3	287	14	1.7	0.0
28/07/2023 18:20	1.4	294	14	1.9	0.0
28/07/2023 18:30	1.3	271	13	1.6	0.0
28/07/2023 18:40	1.4	267	15	2.0	0.0
28/07/2023 18:50	1.8	263	13	2.4	0.0
28/07/2023 19:00	1.7	252	11	2.3	0.0
28/07/2023 19:10	1.3	261	15	2.0	0.0
28/07/2023 19:20	1.2	256	19	1.9	0.0
28/07/2023 19:30	1.1	275	18	1.7	0.0
28/07/2023 19:40	0.9	259	16	1.3	0.0
28/07/2023 19:50	0.7	267	36	1.2	0.0
28/07/2023 20:00	0.7	282	27	1.2	0.0
28/07/2023 20:10	0.3	274	13	0.8	0.0
28/07/2023 20:20	0.2	296	8	0.8	0.0
28/07/2023 20:30	0.1	273	19	0.6	0.0
28/07/2023 20:40	1.0	234	19	1.5	0.0
28/07/2023 20:50	1.3	214	24	2.1	0.0
28/07/2023 21:00	0.9	274	15	1.5	0.0
28/07/2023 21:10	0.8	154	32	1.2	0.0
28/07/2023 21:20	0.8	214	40	1.6	0.0
28/07/2023 21:30	0.6	261	41	1.5	0.0
28/07/2023 21:40	0.2	122	28	0.8	0.0
28/07/2023 21:50	0.4	180	10	1.2	0.0
28/07/2023 22:00	1.5	187	27	2.3	0.0
28/07/2023 22:10	3.0	215	16	4.2	0.0
28/07/2023 22:20	2.6	208	18	3.5	0.0
28/07/2023 22:30	2.3	216	21	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/07/2023 22:40	3.2	206	13	4.6	0.0
28/07/2023 22:50	2.7	213	20	3.8	0.0
28/07/2023 23:00	2.7	221	13	3.8	0.0
28/07/2023 23:10	3.2	200	11	4.4	0.0
28/07/2023 23:20	2.3	211	21	3.7	0.0
28/07/2023 23:30	2.9	201	16	4.2	0.0
28/07/2023 23:40	3.5	193	13	5.2	0.0
28/07/2023 23:50	3.8	200	12	5.5	0.0
29/07/2023 0:00	3.8	197	9	5.3	0.0
29/07/2023 0:10	3.5	190	12	4.8	0.0
29/07/2023 0:20	3.3	195	12	4.5	0.0
29/07/2023 0:30	3.2	190	11	4.2	0.0
29/07/2023 0:40	3.4	197	10	4.4	0.0
29/07/2023 0:50	3.2	200	12	4.4	0.0
29/07/2023 1:00	2.9	199	13	4.1	0.0
29/07/2023 1:10	2.9	209	17	3.8	0.0
29/07/2023 1:20	2.7	195	13	3.8	0.0
29/07/2023 1:30	2.4	165	55	3.3	0.0
29/07/2023 1:40	1.0	284	35	1.6	0.0
29/07/2023 1:50	1.6	258	27	2.2	0.0
29/07/2023 2:00	1.1	137	80	2.6	0.0
29/07/2023 2:10	0.7	303	42	1.2	0.0
29/07/2023 2:20	0.8	13	16	1.4	0.0
29/07/2023 2:30	0.4	57	23	1.3	0.0
29/07/2023 2:40	2.1	190	24	3.5	0.0
29/07/2023 2:50	0.9	182	50	1.8	0.0
29/07/2023 3:00	0.7	180	57	1.6	0.0
29/07/2023 3:10	2.6	202	17	3.7	0.0
29/07/2023 3:20	2.4	191	17	3.2	0.0
29/07/2023 3:30	3.3	187	16	5.2	0.0
29/07/2023 3:40	3.5	184	12	4.9	0.0
29/07/2023 3:50	3.4	181	15	5.0	0.0
29/07/2023 4:00	2.6	186	16	3.9	0.0
29/07/2023 4:10	3.2	174	14	4.6	0.0
29/07/2023 4:20	4.0	179	13	5.3	0.0
29/07/2023 4:30	3.6	174	12	5.5	0.0
29/07/2023 4:40	2.1	154	49	3.7	0.0
29/07/2023 4:50	2.7	170	37	4.4	0.0
29/07/2023 5:00	3.5	170	13	5.5	0.0
29/07/2023 5:10	2.7	181	14	4.2	0.0
29/07/2023 5:20	3.0	181	13	4.0	0.0
29/07/2023 5:30	3.3	181	11	4.4	0.0
29/07/2023 5:40	4.2	179	11	5.4	0.0
29/07/2023 5:50	4.5	186	10	5.6	0.0
29/07/2023 6:00	4.2	182	11	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 6:10	4.5	185	10	6.0	0.0
29/07/2023 6:20	4.8	187	10	6.1	0.0
29/07/2023 6:30	4.7	192	11	6.4	0.0
29/07/2023 6:40	5.4	195	9	6.8	0.0
29/07/2023 6:50	4.3	199	11	5.9	0.0
29/07/2023 7:00	3.9	191	11	5.6	0.0
29/07/2023 7:10	3.6	178	24	6.7	0.0
29/07/2023 7:20	4.3	191	14	6.0	0.0
29/07/2023 7:30	3.6	186	19	5.7	0.0
29/07/2023 7:40	2.4	126	18	4.1	0.0
29/07/2023 7:50	2.8	142	23	5.1	0.0
29/07/2023 8:00	3.3	147	20	4.3	0.0
29/07/2023 8:10	2.7	147	20	3.9	0.0
29/07/2023 8:20	3.2	153	19	4.8	0.0
29/07/2023 8:30	3.0	113	25	5.9	0.0
29/07/2023 8:40	2.4	110	23	4.3	0.0
29/07/2023 8:50	2.4	98	17	3.5	0.0
29/07/2023 9:00	2.6	121	16	3.7	0.0
29/07/2023 9:10	2.3	116	24	3.4	0.0
29/07/2023 9:20	2.4	116	17	3.7	0.0
29/07/2023 9:30	2.6	121	16	4.0	0.0
29/07/2023 9:40	2.8	122	16	4.0	0.0
29/07/2023 9:50	2.8	125	18	4.3	0.0
29/07/2023 10:00	3.2	124	18	4.9	0.0
29/07/2023 10:10	3.1	124	17	4.9	0.0
29/07/2023 10:20	3.1	121	18	4.4	0.0
29/07/2023 10:30	2.3	116	18	3.6	0.0
29/07/2023 10:40	2.3	70	17	3.0	0.0
29/07/2023 10:50	2.2	63	17	3.1	0.0
29/07/2023 11:00	2.1	57	15	3.0	0.0
29/07/2023 11:10	2.0	56	18	2.7	0.0
29/07/2023 11:20	2.3	54	13	2.9	0.0
29/07/2023 11:30	2.2	55	15	3.1	0.0
29/07/2023 11:40	2.2	62	18	3.2	0.0
29/07/2023 11:50	2.3	63	11	3.1	0.0
29/07/2023 12:00	2.5	59	16	3.5	0.0
29/07/2023 12:10	3.1	51	14	4.2	0.0
29/07/2023 12:20	3.4	48	14	4.5	0.0
29/07/2023 12:30	3.2	47	16	4.3	0.0
29/07/2023 12:40	3.3	45	15	4.7	0.0
29/07/2023 12:50	3.3	51	14	4.8	0.0
29/07/2023 13:00	3.8	46	13	5.4	0.0
29/07/2023 13:10	3.6	45	11	5.0	0.0
29/07/2023 13:20	3.8	47	12	5.2	0.0
29/07/2023 13:30	4.1	43	10	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 13:40	3.5	44	13	5.1	0.0
29/07/2023 13:50	3.8	44	11	5.0	0.0
29/07/2023 14:00	3.6	43	10	4.7	0.0
29/07/2023 14:10	3.1	44	13	4.1	0.0
29/07/2023 14:20	2.9	45	15	4.0	0.0
29/07/2023 14:30	2.9	47	14	3.8	0.0
29/07/2023 14:40	3.1	48	13	4.2	0.0
29/07/2023 14:50	3.0	57	14	4.1	0.0
29/07/2023 15:00	3.0	50	15	3.6	0.0
29/07/2023 15:10	3.0	53	13	4.0	0.0
29/07/2023 15:20	2.7	50	14	3.6	0.0
29/07/2023 15:30	2.6	51	13	3.7	0.0
29/07/2023 15:40	2.8	52	12	3.8	0.0
29/07/2023 15:50	2.6	52	12	3.6	0.0
29/07/2023 16:00	2.3	51	13	3.0	0.0
29/07/2023 16:10	2.4	57	11	3.2	0.0
29/07/2023 16:20	2.7	52	10	3.5	0.0
29/07/2023 16:30	2.4	52	12	3.3	0.0
29/07/2023 16:40	2.1	45	14	2.8	0.0
29/07/2023 16:50	2.6	343	14	3.5	0.0
29/07/2023 17:00	2.8	338	9	3.9	0.0
29/07/2023 17:10	2.2	336	10	3.2	0.0
29/07/2023 17:20	1.8	345	11	2.5	0.0
29/07/2023 17:30	1.7	330	11	2.2	0.0
29/07/2023 17:40	1.6	319	13	2.0	0.0
29/07/2023 17:50	1.3	305	16	2.0	0.0
29/07/2023 18:00	1.5	286	15	2.2	0.0
29/07/2023 18:10	1.6	265	14	2.6	0.0
29/07/2023 18:20	1.7	260	17	2.4	0.0
29/07/2023 18:30	1.8	268	15	2.4	0.0
29/07/2023 18:40	1.7	262	15	2.2	0.0
29/07/2023 18:50	1.4	264	17	2.2	0.0
29/07/2023 19:00	1.4	226	18	2.4	0.0
29/07/2023 19:10	2.0	244	31	3.6	0.0
29/07/2023 19:20	1.2	285	17	2.1	0.0
29/07/2023 19:30	1.8	230	15	2.7	0.0
29/07/2023 19:40	1.4	208	22	2.4	0.0
29/07/2023 19:50	1.9	229	26	3.4	0.0
29/07/2023 20:00	1.7	227	24	3.0	0.0
29/07/2023 20:10	1.0	233	42	1.9	0.0
29/07/2023 20:20	1.7	209	16	2.4	0.0
29/07/2023 20:30	1.4	220	22	2.5	0.0
29/07/2023 20:40	1.1	241	19	1.7	0.0
29/07/2023 20:50	1.2	246	20	2.0	0.0
29/07/2023 21:00	0.8	235	38	1.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/07/2023 21:10	1.5	219	14	2.3	0.0
29/07/2023 21:20	1.3	222	17	2.0	0.0
29/07/2023 21:30	1.0	213	28	1.8	0.0
29/07/2023 21:40	1.5	209	17	2.0	0.0
29/07/2023 21:50	0.9	136	25	1.6	0.0
29/07/2023 22:00	0.9	271	12	1.8	0.0
29/07/2023 22:10	1.6	238	23	2.3	0.0
29/07/2023 22:20	1.0	235	37	1.5	0.0
29/07/2023 22:30	1.5	280	27	2.1	0.0
29/07/2023 22:40	1.2	277	17	1.7	0.0
29/07/2023 22:50	1.6	265	11	2.3	0.0
29/07/2023 23:00	2.4	225	27	4.4	0.0
29/07/2023 23:10	2.0	214	26	3.4	0.0
29/07/2023 23:20	1.6	209	30	3.0	0.0
29/07/2023 23:30	0.9	185	44	1.6	0.0
29/07/2023 23:40	0.6	196	26	1.6	0.0
29/07/2023 23:50	1.3	199	34	2.2	0.0
30/07/2023 0:00	0.6	205	80	1.5	0.0
30/07/2023 0:10	0.7	254	44	1.7	0.0
30/07/2023 0:20	1.3	191	22	2.3	0.0
30/07/2023 0:30	0.4	267	35	1.2	0.0
30/07/2023 0:40	0.7	177	39	1.4	0.0
30/07/2023 0:50	0.9	312	11	1.6	0.0
30/07/2023 1:00	1.8	306	8	2.4	0.0
30/07/2023 1:10	1.7	302	8	2.6	0.0
30/07/2023 1:20	1.1	296	22	1.8	0.0
30/07/2023 1:30	2.0	280	8	2.5	0.0
30/07/2023 1:40	1.6	266	13	2.4	0.0
30/07/2023 1:50	2.0	265	10	2.6	0.0
30/07/2023 2:00	1.5	268	28	2.7	0.0
30/07/2023 2:10	2.0	272	29	3.0	0.0
30/07/2023 2:20	2.0	249	31	3.6	0.0
30/07/2023 2:30	4.2	197	9	5.3	0.0
30/07/2023 2:40	5.2	198	7	6.2	0.0
30/07/2023 2:50	5.1	202	9	6.3	0.0
30/07/2023 3:00	4.8	198	11	6.3	0.0
30/07/2023 3:10	4.5	195	12	6.2	0.0
30/07/2023 3:20	4.2	188	14	6.0	0.0
30/07/2023 3:30	4.6	191	12	6.8	0.0
30/07/2023 3:40	4.6	185	15	6.1	0.0
30/07/2023 3:50	3.8	183	17	5.8	0.0
30/07/2023 4:00	3.9	182	17	6.4	0.0
30/07/2023 4:10	3.0	172	18	4.6	0.0
30/07/2023 4:20	2.9	147	20	4.4	0.0
30/07/2023 4:30	2.7	132	24	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 4:40	2.7	125	23	4.9	0.0
30/07/2023 4:50	2.4	114	19	4.0	0.0
30/07/2023 5:00	2.4	114	20	3.9	0.0
30/07/2023 5:10	2.2	112	21	3.7	0.0
30/07/2023 5:20	2.5	116	18	3.5	0.0
30/07/2023 5:30	2.3	114	13	3.2	0.0
30/07/2023 5:40	2.3	123	14	3.2	0.0
30/07/2023 5:50	2.4	113	15	3.5	0.0
30/07/2023 6:00	2.2	114	13	2.9	0.0
30/07/2023 6:10	1.4	103	22	2.1	0.0
30/07/2023 6:20	1.7	118	17	2.5	0.0
30/07/2023 6:30	1.6	105	19	2.4	0.0
30/07/2023 6:40	1.7	113	21	2.7	0.0
30/07/2023 6:50	1.9	116	24	3.4	0.0
30/07/2023 7:00	2.4	117	25	4.0	0.0
30/07/2023 7:10	1.9	125	27	3.1	0.0
30/07/2023 7:20	1.4	102	28	3.1	0.0
30/07/2023 7:30	1.9	116	26	2.9	0.0
30/07/2023 7:40	2.2	105	23	3.8	0.0
30/07/2023 7:50	2.2	113	32	4.4	0.0
30/07/2023 8:00	3.2	118	21	5.1	0.0
30/07/2023 8:10	2.7	110	20	3.9	0.0
30/07/2023 8:20	2.1	100	24	3.9	0.0
30/07/2023 8:30	2.7	112	26	4.9	0.0
30/07/2023 8:40	2.1	102	28	3.6	0.0
30/07/2023 8:50	1.9	90	29	3.2	0.0
30/07/2023 9:00	1.6	70	28	2.5	0.0
30/07/2023 9:10	1.7	38	24	2.5	0.0
30/07/2023 9:20	1.5	36	18	2.1	0.0
30/07/2023 9:30	1.6	45	18	2.0	0.0
30/07/2023 9:40	1.6	45	17	2.3	0.0
30/07/2023 9:50	1.9	61	22	3.0	0.0
30/07/2023 10:00	2.6	82	20	4.3	0.0
30/07/2023 10:10	2.0	80	25	3.2	0.0
30/07/2023 10:20	1.7	55	23	2.8	0.0
30/07/2023 10:30	2.0	139	85	3.7	0.0
30/07/2023 10:40	2.3	73	59	3.6	0.0
30/07/2023 10:50	1.6	55	33	2.7	0.0
30/07/2023 11:00	1.6	51	43	3.2	0.0
30/07/2023 11:10	2.1	69	28	3.9	0.0
30/07/2023 11:20	2.3	84	31	4.4	0.0
30/07/2023 11:30	2.1	76	27	3.6	0.0
30/07/2023 11:40	2.0	47	25	3.3	0.0
30/07/2023 11:50	1.9	34	25	2.8	0.0
30/07/2023 12:00	2.4	52	18	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 12:10	2.5	52	22	4.0	0.0
30/07/2023 12:20	2.3	66	19	3.2	0.0
30/07/2023 12:30	2.4	57	18	3.6	0.0
30/07/2023 12:40	2.4	48	17	3.4	0.0
30/07/2023 12:50	1.9	55	19	2.8	0.0
30/07/2023 13:00	2.0	56	22	3.1	0.0
30/07/2023 13:10	3.0	52	14	3.9	0.0
30/07/2023 13:20	3.1	47	16	4.4	0.0
30/07/2023 13:30	3.4	44	14	4.9	0.0
30/07/2023 13:40	3.2	46	14	4.3	0.0
30/07/2023 13:50	3.3	47	13	4.4	0.0
30/07/2023 14:00	3.6	42	15	5.1	0.0
30/07/2023 14:10	3.5	42	15	4.7	0.0
30/07/2023 14:20	3.9	39	13	5.2	0.0
30/07/2023 14:30	3.7	39	15	5.2	0.0
30/07/2023 14:40	3.3	43	13	4.4	0.0
30/07/2023 14:50	3.3	47	13	4.8	0.0
30/07/2023 15:00	3.1	48	13	4.3	0.0
30/07/2023 15:10	2.6	52	17	3.8	0.0
30/07/2023 15:20	2.0	60	19	2.7	0.0
30/07/2023 15:30	1.9	51	16	2.6	0.0
30/07/2023 15:40	1.9	51	15	2.7	0.0
30/07/2023 15:50	1.6	48	13	2.0	0.0
30/07/2023 16:00	1.3	48	12	1.9	0.0
30/07/2023 16:10	1.2	42	16	1.8	0.0
30/07/2023 16:20	1.4	48	16	1.9	0.0
30/07/2023 16:30	1.5	54	16	2.0	0.0
30/07/2023 16:40	1.9	67	16	2.8	0.0
30/07/2023 16:50	1.7	56	15	2.3	0.0
30/07/2023 17:00	1.7	62	14	2.9	0.0
30/07/2023 17:10	1.9	50	15	2.9	0.0
30/07/2023 17:20	1.3	94	19	1.8	0.0
30/07/2023 17:30	0.7	149	23	1.2	0.0
30/07/2023 17:40	0.6	152	21	0.9	0.0
30/07/2023 17:50	0.8	126	19	1.1	0.0
30/07/2023 18:00	0.2	121	9	0.7	0.0
30/07/2023 18:10	0.5	111	17	1.0	0.0
30/07/2023 18:20	0.5	171	16	0.7	0.0
30/07/2023 18:30	1.5	334	9	2.8	0.0
30/07/2023 18:40	0.5	202	25	1.1	0.0
30/07/2023 18:50	1.3	241	18	1.8	0.0
30/07/2023 19:00	1.2	258	23	2.0	0.0
30/07/2023 19:10	1.4	271	10	1.9	0.0
30/07/2023 19:20	1.3	280	13	1.9	0.0
30/07/2023 19:30	1.3	239	19	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/07/2023 19:40	1.5	267	14	2.2	0.0
30/07/2023 19:50	2.1	268	10	2.6	0.0
30/07/2023 20:00	1.8	242	21	2.7	0.0
30/07/2023 20:10	1.6	260	24	2.5	0.0
30/07/2023 20:20	1.5	282	20	2.0	0.0
30/07/2023 20:30	1.3	221	25	2.1	0.0
30/07/2023 20:40	1.8	224	28	3.4	0.0
30/07/2023 20:50	1.0	256	28	1.9	0.0
30/07/2023 21:00	1.6	214	25	2.4	0.0
30/07/2023 21:10	1.8	219	15	2.5	0.0
30/07/2023 21:20	1.2	263	25	2.0	0.0
30/07/2023 21:30	1.7	296	10	2.4	0.0
30/07/2023 21:40	1.7	286	18	2.8	0.0
30/07/2023 21:50	1.2	241	33	1.6	0.0
30/07/2023 22:00	2.0	234	21	3.1	0.0
30/07/2023 22:10	1.8	233	31	3.2	0.0
30/07/2023 22:20	1.9	262	17	2.9	0.0
30/07/2023 22:30	1.0	263	28	2.0	0.0
30/07/2023 22:40	1.5	291	19	2.4	0.0
30/07/2023 22:50	1.6	286	20	2.4	0.0
30/07/2023 23:00	1.6	248	38	2.8	0.0
30/07/2023 23:10	3.1	210	20	5.2	0.0
30/07/2023 23:20	3.5	201	14	4.8	0.0
30/07/2023 23:30	3.7	201	12	4.8	0.0
30/07/2023 23:40	3.8	204	12	4.8	0.0
30/07/2023 23:50	3.5	201	10	4.6	0.0
31/07/2023 0:00	3.7	204	10	4.8	0.0
31/07/2023 0:10	3.8	201	11	4.9	0.0
31/07/2023 0:20	3.6	200	12	5.3	0.0
31/07/2023 0:30	3.6	205	13	4.7	0.0
31/07/2023 0:40	3.7	204	13	5.2	0.0
31/07/2023 0:50	3.7	199	12	4.8	0.0
31/07/2023 1:00	3.5	199	13	4.5	0.0
31/07/2023 1:10	3.5	197	12	4.8	0.0
31/07/2023 1:20	3.4	198	12	4.8	0.0
31/07/2023 1:30	3.3	196	11	4.4	0.0
31/07/2023 1:40	2.1	145	34	3.7	0.0
31/07/2023 1:50	3.7	149	17	5.1	0.0
31/07/2023 2:00	2.7	151	15	3.8	0.0
31/07/2023 2:10	2.0	147	14	3.2	0.0
31/07/2023 2:20	1.4	166	31	2.3	0.0
31/07/2023 2:30	1.5	182	34	2.5	0.0
31/07/2023 2:40	1.5	348	17	2.0	0.0
31/07/2023 2:50	1.1	127	59	2.0	0.0
31/07/2023 3:00	1.8	122	24	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 3:10	2.0	110	36	2.8	0.0
31/07/2023 3:20	1.4	127	24	2.4	0.0
31/07/2023 3:30	2.1	129	26	3.5	0.0
31/07/2023 3:40	2.5	135	23	3.7	0.0
31/07/2023 3:50	2.0	153	17	3.1	0.0
31/07/2023 4:00	3.3	184	15	4.8	0.0
31/07/2023 4:10	3.6	188	10	4.7	0.0
31/07/2023 4:20	2.9	179	17	4.5	0.0
31/07/2023 4:30	2.5	175	19	3.8	0.0
31/07/2023 4:40	2.7	178	22	3.9	0.0
31/07/2023 4:50	2.2	164	18	3.2	0.0
31/07/2023 5:00	2.8	173	18	4.2	0.0
31/07/2023 5:10	3.4	189	14	4.6	0.0
31/07/2023 5:20	2.9	182	17	4.5	0.0
31/07/2023 5:30	3.0	183	16	4.2	0.0
31/07/2023 5:40	2.8	181	15	4.0	0.0
31/07/2023 5:50	2.5	185	17	3.4	0.0
31/07/2023 6:00	2.0	167	24	3.6	0.0
31/07/2023 6:10	1.8	160	19	2.7	0.0
31/07/2023 6:20	1.9	169	26	3.2	0.0
31/07/2023 6:30	2.1	151	24	3.3	0.0
31/07/2023 6:40	2.1	154	24	3.6	0.0
31/07/2023 6:50	1.8	160	25	3.2	0.0
31/07/2023 7:00	1.8	141	30	3.3	0.0
31/07/2023 7:10	2.5	132	32	4.4	0.0
31/07/2023 7:20	2.3	138	31	4.8	0.0
31/07/2023 7:30	1.9	139	32	4.1	0.0
31/07/2023 7:40	1.8	128	30	3.2	0.0
31/07/2023 7:50	2.4	126	21	4.8	0.0
31/07/2023 8:00	2.8	132	34	4.8	0.0
31/07/2023 8:10	2.5	131	31	3.7	0.0
31/07/2023 8:20	2.1	125	32	4.9	0.0
31/07/2023 8:30	2.4	102	33	4.2	0.0
31/07/2023 8:40	2.6	105	23	4.1	0.0
31/07/2023 8:50	2.6	106	21	4.6	0.0
31/07/2023 9:00	2.2	125	25	3.6	0.0
31/07/2023 9:10	1.9	105	32	3.2	0.0
31/07/2023 9:20	2.9	126	23	4.9	0.0
31/07/2023 9:30	3.3	104	25	6.2	0.0
31/07/2023 9:40	3.6	122	29	6.3	0.0
31/07/2023 9:50	2.8	131	22	4.8	0.0
31/07/2023 10:00	1.9	107	30	3.1	0.0
31/07/2023 10:10	2.9	81	16	4.3	0.0
31/07/2023 10:20	3.8	77	13	5.7	0.0
31/07/2023 10:30	3.9	77	14	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 10:40	3.8	79	14	5.4	0.0
31/07/2023 10:50	3.2	90	20	5.1	0.0
31/07/2023 11:00	2.6	98	28	4.0	0.0
31/07/2023 11:10	2.9	86	20	5.1	0.0
31/07/2023 11:20	3.1	74	17	4.8	0.0
31/07/2023 11:30	2.8	81	20	3.8	0.0
31/07/2023 11:40	2.7	66	17	3.7	0.0
31/07/2023 11:50	2.7	60	18	4.1	0.0
31/07/2023 12:00	2.5	50	17	3.6	0.0
31/07/2023 12:10	2.6	46	16	3.6	0.0
31/07/2023 12:20	2.7	48	13	3.5	0.0
31/07/2023 12:30	2.8	48	12	3.8	0.0
31/07/2023 12:40	2.8	49	18	3.8	0.0
31/07/2023 12:50	3.6	49	13	4.8	0.0
31/07/2023 13:00	3.7	43	16	5.5	0.0
31/07/2023 13:10	4.3	44	14	6.0	0.0
31/07/2023 13:20	4.1	44	14	6.0	0.0
31/07/2023 13:30	4.2	42	13	5.7	0.0
31/07/2023 13:40	3.7	43	13	5.4	0.0
31/07/2023 13:50	3.4	52	14	4.8	0.0
31/07/2023 14:00	3.3	53	12	4.7	0.0
31/07/2023 14:10	3.5	50	15	4.6	0.0
31/07/2023 14:20	3.1	49	15	4.6	0.0
31/07/2023 14:30	3.2	51	13	4.6	0.0
31/07/2023 14:40	2.9	56	13	4.2	0.0
31/07/2023 14:50	2.9	54	14	4.2	0.0
31/07/2023 15:00	2.6	52	14	3.8	0.0
31/07/2023 15:10	2.1	60	16	3.2	0.0
31/07/2023 15:20	1.9	61	15	3.0	0.0
31/07/2023 15:30	1.9	72	16	2.6	0.0
31/07/2023 15:40	2.1	56	17	3.0	0.0
31/07/2023 15:50	2.3	61	14	3.2	0.0
31/07/2023 16:00	2.2	58	14	3.4	0.0
31/07/2023 16:10	2.5	75	13	3.6	0.0
31/07/2023 16:20	1.8	97	17	2.7	0.0
31/07/2023 16:30	1.8	96	17	2.5	0.0
31/07/2023 16:40	1.5	99	17	2.2	0.0
31/07/2023 16:50	1.5	104	18	2.1	0.0
31/07/2023 17:00	1.7	97	15	2.4	0.0
31/07/2023 17:10	1.4	92	15	2.1	0.0
31/07/2023 17:20	1.2	98	16	1.8	0.0
31/07/2023 17:30	0.9	87	12	1.3	0.0
31/07/2023 17:40	0.8	96	11	1.2	0.0
31/07/2023 17:50	0.4	88	7	0.9	0.0
31/07/2023 18:00	0.7	87	9	1.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/07/2023 18:10	0.4	64	12	0.8	0.0
31/07/2023 18:20	0.0	160	8	0.6	0.0
31/07/2023 18:30	0.0	94	1	0.4	0.0
31/07/2023 18:40	0.2	137	20	0.6	0.0
31/07/2023 18:50	0.2	123	7	0.8	0.0
31/07/2023 19:00					0.0
31/07/2023 19:10					0.0
31/07/2023 19:20					0.0
31/07/2023 19:30					0.0
31/07/2023 19:40					0.0
31/07/2023 19:50					0.0
31/07/2023 20:00					0.0
31/07/2023 20:10					0.0
31/07/2023 20:20					0.0
31/07/2023 20:30					0.0
31/07/2023 20:40					0.0
31/07/2023 20:50					0.0
31/07/2023 21:00					0.0
31/07/2023 21:10					0.0
31/07/2023 21:20					0.0
31/07/2023 21:30	0.3	146	16	0.8	0.0
31/07/2023 21:40					0.0
31/07/2023 21:50	0.6	344	2	1.7	0.0
31/07/2023 22:00	1.1	228	58	1.6	0.0
31/07/2023 22:10	0.3	185	10	0.9	0.0
31/07/2023 22:20	0.4	161	18	1.0	0.0
31/07/2023 22:30	0.2	0	9	0.8	0.0
31/07/2023 22:40	0.2	339	4	0.6	0.0
31/07/2023 22:50	0.4	358	12	0.9	0.0
31/07/2023 23:00	0.1	50	39	0.6	0.0
31/07/2023 23:10	0.4	162	10	0.9	0.0
31/07/2023 23:20					0.0
31/07/2023 23:30	0.2	236	4	0.9	0.0
31/07/2023 23:40	0.3	350	12	0.9	0.0
31/07/2023 23:50	0.2	153	25	0.8	0.0
1/08/2023 0:00	0.2	336	2	0.9	0.0
1/08/2023 0:10	0.2	166	34	0.8	0.0
1/08/2023 0:20	1.5	171	10	2.2	0.0
1/08/2023 0:30	2.2	154	15	3.1	0.0
1/08/2023 0:40	1.6	132	39	3.0	0.0
1/08/2023 0:50	1.2	64	40	2.0	0.0
1/08/2023 1:00	2.0	111	23	3.6	0.0
1/08/2023 1:10	1.9	117	23	3.0	0.0
1/08/2023 1:20	2.1	127	25	3.6	0.0
1/08/2023 1:30	2.4	128	23	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/08/2023 1:40	2.4	134	21	3.9	0.0
1/08/2023 1:50	2.2	125	21	3.6	0.0
1/08/2023 2:00	1.9	125	16	2.9	0.0
1/08/2023 2:10	2.0	129	18	3.0	0.0
1/08/2023 2:20	1.7	116	17	2.6	0.0
1/08/2023 2:30	0.9	101	29	1.4	0.0
1/08/2023 2:40	0.8	79	35	1.5	0.0
1/08/2023 2:50	0.6	190	54	1.1	0.0
1/08/2023 3:00	0.3	26	31	0.8	0.0
1/08/2023 3:10	0.5	341	10	1.2	0.0
1/08/2023 3:20	0.5	349	10	1.1	0.0
1/08/2023 3:30	1.2	256	30	2.0	0.0
1/08/2023 3:40	0.9	229	38	1.4	0.0
1/08/2023 3:50	0.7	190	48	1.5	0.0
1/08/2023 4:00	0.6	76	15	1.2	0.0
1/08/2023 4:10	0.7	24	21	1.0	0.0
1/08/2023 4:20	0.2	58	13	0.8	0.0
1/08/2023 4:30	0.1	137	14	0.6	0.0
1/08/2023 4:40	0.6	111	16	1.3	0.0
1/08/2023 4:50	1.5	109	11	2.1	0.0
1/08/2023 5:00	1.5	110	15	2.0	0.0
1/08/2023 5:10	1.5	120	19	2.2	0.0
1/08/2023 5:20	1.6	119	17	2.2	0.0
1/08/2023 5:30	1.7	119	16	2.4	0.0
1/08/2023 5:40	1.6	126	15	2.6	0.0
1/08/2023 5:50	1.7	127	19	2.5	0.0
1/08/2023 6:00	2.0	129	14	2.9	0.0
1/08/2023 6:10	2.0	131	21	3.2	0.0
1/08/2023 6:20	2.4	126	17	3.5	0.0
1/08/2023 6:30	2.3	122	16	3.2	0.0
1/08/2023 6:40	2.3	117	15	3.1	0.0
1/08/2023 6:50	2.2	118	12	3.2	0.0
1/08/2023 7:00	2.3	116	11	3.0	0.0
1/08/2023 7:10	2.2	116	12	3.1	0.0
1/08/2023 7:20	1.9	110	14	2.8	0.0
1/08/2023 7:30	1.4	97	17	2.2	0.0
1/08/2023 7:40	1.8	111	14	2.5	0.0
1/08/2023 7:50	2.0	111	13	2.6	0.0
1/08/2023 8:00	1.8	103	15	2.5	0.0
1/08/2023 8:10	1.9	103	14	2.8	0.0
1/08/2023 8:20	2.1	96	17	2.8	0.0
1/08/2023 8:30	2.3	87	17	3.3	0.0
1/08/2023 8:40	2.5	82	13	3.5	0.0
1/08/2023 8:50	2.5	82	13	3.6	0.0
1/08/2023 9:00	2.5	81	15	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/08/2023 9:10	2.5	84	15	3.6	0.0
1/08/2023 9:20	2.6	72	14	3.5	0.0
1/08/2023 9:30	2.4	74	17	3.2	0.0
1/08/2023 9:40	2.4	56	14	3.4	0.0
1/08/2023 9:50	2.3	55	16	3.2	0.0
1/08/2023 10:00	2.4	55	15	3.6	0.0
1/08/2023 10:10	3.2	55	10	4.4	0.0
1/08/2023 10:20	3.3	51	10	4.3	0.0
1/08/2023 10:30	2.8	59	13	3.9	0.0
1/08/2023 10:40	3.0	63	10	4.0	0.0
1/08/2023 10:50	3.2	57	12	4.2	0.0
1/08/2023 11:00	2.9	55	12	4.0	0.0
1/08/2023 11:10	2.7	51	14	4.0	0.0
1/08/2023 11:20	2.8	55	14	4.0	0.0
1/08/2023 11:30	3.0	63	11	4.0	0.0
1/08/2023 11:40	2.8	59	13	4.0	0.0
1/08/2023 11:50	3.1	49	10	4.0	0.0
1/08/2023 12:00	3.6	49	13	4.8	0.0
1/08/2023 12:10	3.5	48	13	4.6	0.0
1/08/2023 12:20	3.1	50	13	4.0	0.0
1/08/2023 12:30	3.3	49	10	4.4	0.0
1/08/2023 12:40	3.2	47	12	4.2	0.0
1/08/2023 12:50	3.5	53	13	4.9	0.0
1/08/2023 13:00	3.4	48	13	4.3	0.0
1/08/2023 13:10	3.1	54	13	4.3	0.0
1/08/2023 13:20	3.3	64	10	4.3	0.0
1/08/2023 13:30	3.0	64	13	4.1	0.0
1/08/2023 13:40	3.3	55	12	4.3	0.0
1/08/2023 13:50	3.5	52	14	4.8	0.0
1/08/2023 14:00	2.7	50	16	3.8	0.0
1/08/2023 14:10	3.0	64	16	4.0	0.0
1/08/2023 14:20	3.2	51	14	4.4	0.0
1/08/2023 14:30	3.3	48	14	4.8	0.0
1/08/2023 14:40	3.5	53	12	4.8	0.0
1/08/2023 14:50	4.1	41	14	6.1	0.0
1/08/2023 15:00	4.3	41	13	6.4	0.0
1/08/2023 15:10	4.0	41	13	6.0	0.0
1/08/2023 15:20	4.1	38	12	6.1	0.0
1/08/2023 15:30	3.8	47	13	5.1	0.0
1/08/2023 15:40	3.3	50	12	4.4	0.0
1/08/2023 15:50	3.0	52	13	4.4	0.0
1/08/2023 16:00	2.7	55	14	4.4	0.0
1/08/2023 16:10	2.5	50	14	3.6	0.0
1/08/2023 16:20	2.7	47	15	4.0	0.0
1/08/2023 16:30	3.2	39	16	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/08/2023 16:40	3.1	41	17	4.4	0.0
1/08/2023 16:50	2.8	45	15	4.4	0.0
1/08/2023 17:00	2.9	50	14	4.4	0.0
1/08/2023 17:10	2.7	54	16	3.9	0.0
1/08/2023 17:20	2.4	57	13	3.4	0.0
1/08/2023 17:30	2.3	62	14	3.3	0.0
1/08/2023 17:40	1.4	69	19	2.2	0.0
1/08/2023 17:50	0.9	47	24	1.9	0.0
1/08/2023 18:00	1.0	73	18	2.0	0.0
1/08/2023 18:10	1.1	98	36	2.5	0.0
1/08/2023 18:20	1.0	104	22	1.5	0.0
1/08/2023 18:30	1.4	72	17	2.2	0.0
1/08/2023 18:40	1.2	79	21	2.0	0.0
1/08/2023 18:50	1.6	84	14	2.4	0.0
1/08/2023 19:00	1.5	73	16	2.3	0.0
1/08/2023 19:10	0.3	81	23	1.0	0.0
1/08/2023 19:20	0.5	136	18	1.3	0.0
1/08/2023 19:30	0.8	185	54	1.6	0.0
1/08/2023 19:40	0.5	296	24	1.2	0.0
1/08/2023 19:50	0.6	173	16	1.2	0.0
1/08/2023 20:00	1.2	182	15	1.6	0.0
1/08/2023 20:10	1.2	10	16	1.7	0.0
1/08/2023 20:20	0.7	169	31	1.4	0.0
1/08/2023 20:30	0.4	166	43	1.4	0.0
1/08/2023 20:40	1.1	277	34	1.7	0.0
1/08/2023 20:50	1.2	308	22	1.8	0.0
1/08/2023 21:00	1.3	299	16	2.6	0.0
1/08/2023 21:10	0.8	173	17	1.6	0.0
1/08/2023 21:20	0.8	351	12	1.6	0.0
1/08/2023 21:30	1.0	341	19	1.4	0.0
1/08/2023 21:40	0.9	19	15	1.5	0.0
1/08/2023 21:50	1.3	350	21	2.1	0.0
1/08/2023 22:00	1.4	344	21	2.4	0.0
1/08/2023 22:10	1.2	323	19	1.7	0.0
1/08/2023 22:20	0.7	179	27	1.4	0.0
1/08/2023 22:30	0.9	30	35	1.4	0.0
1/08/2023 22:40	0.5	122	60	1.2	0.0
1/08/2023 22:50	0.5	35	31	1.2	0.0
1/08/2023 23:00	1.0	180	34	1.6	0.0
1/08/2023 23:10	0.7	205	22	1.4	0.0
1/08/2023 23:20	0.6	183	29	1.3	0.0
1/08/2023 23:30	0.4	77	9	1.1	0.0
1/08/2023 23:40	0.6	349	4	1.6	0.0
1/08/2023 23:50	0.3	54	10	1.0	0.0
2/08/2023 0:00	0.1	222	4	0.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/08/2023 0:10	0.3	321	6	1.0	0.0
2/08/2023 0:20	0.3	22	7	0.9	0.0
2/08/2023 0:30					0.0
2/08/2023 0:40					0.0
2/08/2023 0:50					0.0
2/08/2023 1:00					0.0
2/08/2023 1:10					0.0
2/08/2023 1:20					0.0
2/08/2023 1:30					0.0
2/08/2023 1:40					0.0
2/08/2023 1:50					0.0
2/08/2023 2:00					0.0
2/08/2023 2:10					0.0
2/08/2023 2:20					0.0
2/08/2023 2:30					0.0
2/08/2023 2:40					0.0
2/08/2023 2:50					0.0
2/08/2023 3:00					0.0
2/08/2023 3:10					0.0
2/08/2023 3:20					0.0
2/08/2023 3:30					0.0
2/08/2023 3:40	0.0	299	3	0.4	0.0
2/08/2023 3:50	0.4	296	9	1.2	0.0
2/08/2023 4:00	1.0	265	21	1.8	0.0
2/08/2023 4:10	0.9	294	23	1.7	0.0
2/08/2023 4:20	0.8	278	31	1.6	0.0
2/08/2023 4:30	0.6	295	41	1.2	0.0
2/08/2023 4:40	0.9	303	23	2.0	0.0
2/08/2023 4:50	0.8	162	44	1.9	0.0
2/08/2023 5:00	0.4	173	40	1.2	0.0
2/08/2023 5:10	0.1	49	8	0.6	0.0
2/08/2023 5:20	0.1	318	2	0.9	0.0
2/08/2023 5:30					0.0
2/08/2023 5:40					0.0
2/08/2023 5:50	0.1	167	10	0.5	0.0
2/08/2023 6:00	0.3	15	9	0.9	0.0
2/08/2023 6:10	0.0	296	5	0.5	0.0
2/08/2023 6:20	0.3	199	27	1.2	0.0
2/08/2023 6:30	0.0	325	3	0.4	0.0
2/08/2023 6:40	0.0	212	3	0.4	0.0
2/08/2023 6:50	0.0	47	1	0.4	0.0
2/08/2023 7:00	0.3	129	9	0.9	0.0
2/08/2023 7:10	0.0	120	0	0.4	0.0
2/08/2023 7:20	0.4	105	18	1.0	0.0
2/08/2023 7:30	1.0	164	17	1.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/08/2023 7:40	0.5	143	27	1.2	0.0
2/08/2023 7:50	0.7	112	20	1.2	0.0
2/08/2023 8:00	0.9	77	21	1.5	0.0
2/08/2023 8:10	0.4	59	18	1.1	0.0
2/08/2023 8:20	0.5	72	25	1.2	0.0
2/08/2023 8:30	0.6	66	12	1.2	0.0
2/08/2023 8:40	1.3	59	11	1.8	0.0
2/08/2023 8:50	1.2	63	14	1.6	0.0
2/08/2023 9:00	1.3	56	14	1.7	0.0
2/08/2023 9:10	1.4	58	10	1.9	0.0
2/08/2023 9:20	1.3	53	13	1.7	0.0
2/08/2023 9:30	1.1	60	15	1.5	0.0
2/08/2023 9:40	1.6	57	10	2.0	0.0
2/08/2023 9:50	1.8	57	13	2.4	0.0
2/08/2023 10:00	2.0	61	15	2.7	0.0
2/08/2023 10:10	2.3	60	12	3.0	0.0
2/08/2023 10:20	2.1	69	17	2.9	0.0
2/08/2023 10:30	2.0	54	13	2.8	0.0
2/08/2023 10:40	2.0	54	9	2.7	0.0
2/08/2023 10:50	2.3	54	10	2.9	0.0
2/08/2023 11:00	2.3	60	13	3.0	0.0
2/08/2023 11:10	2.6	54	12	3.4	0.0
2/08/2023 11:20	2.4	58	14	3.1	0.0
2/08/2023 11:30	2.2	69	18	3.1	0.0
2/08/2023 11:40	2.3	67	14	3.2	0.0
2/08/2023 11:50	2.2	60	16	3.0	0.0
2/08/2023 12:00	2.0	63	18	2.8	0.0
2/08/2023 12:10	1.7	57	19	2.5	0.0
2/08/2023 12:20	1.6	53	33	2.4	0.0
2/08/2023 12:30	2.3	52	26	3.2	0.0
2/08/2023 12:40	2.2	44	37	3.8	0.0
2/08/2023 12:50	2.5	33	27	3.6	0.0
2/08/2023 13:00	2.2	193	23	3.5	0.0
2/08/2023 13:10	1.5	7	49	2.4	0.0
2/08/2023 13:20	2.0	164	60	3.6	0.0
2/08/2023 13:30	1.8	301	49	3.8	0.0
2/08/2023 13:40	1.7	308	49	3.1	0.0
2/08/2023 13:50	2.2	177	42	3.6	0.0
2/08/2023 14:00	1.6	318	39	2.8	0.0
2/08/2023 14:10	1.9	281	34	3.0	0.0
2/08/2023 14:20	2.4	283	25	3.9	0.0
2/08/2023 14:30	2.1	297	29	3.3	0.0
2/08/2023 14:40	3.0	337	23	4.5	0.0
2/08/2023 14:50	2.4	339	17	3.5	0.0
2/08/2023 15:00	2.6	341	25	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/08/2023 15:10	2.6	337	19	3.9	0.0
2/08/2023 15:20	2.5	335	22	4.0	0.0
2/08/2023 15:30	2.0	332	25	3.1	0.0
2/08/2023 15:40	1.6	327	33	2.9	0.0
2/08/2023 15:50	2.1	205	28	3.5	0.0
2/08/2023 16:00	2.9	76	16	4.4	0.0
2/08/2023 16:10	2.5	78	18	3.8	0.0
2/08/2023 16:20	2.2	68	18	4.0	0.0
2/08/2023 16:30	1.6	184	44	2.5	0.0
2/08/2023 16:40	1.9	201	23	3.1	0.0
2/08/2023 16:50	2.8	352	11	3.7	0.0
2/08/2023 17:00	3.2	344	12	4.0	0.0
2/08/2023 17:10	2.8	339	13	4.0	0.0
2/08/2023 17:20	2.7	340	14	3.8	0.0
2/08/2023 17:30	2.8	355	12	4.2	0.0
2/08/2023 17:40	3.2	355	15	4.0	0.0
2/08/2023 17:50	2.6	352	14	3.5	0.0
2/08/2023 18:00	2.8	356	15	4.1	0.0
2/08/2023 18:10	2.8	355	11	3.6	0.0
2/08/2023 18:20	2.7	355	14	3.6	0.0
2/08/2023 18:30	2.7	355	12	3.6	0.0
2/08/2023 18:40	2.2	356	14	3.0	0.0
2/08/2023 18:50	2.2	179	18	3.2	0.0
2/08/2023 19:00	1.8	3	15	2.5	0.0
2/08/2023 19:10	1.7	10	18	2.4	0.0
2/08/2023 19:20	1.9	5	16	2.8	0.0
2/08/2023 19:30	2.3	179	14	3.2	0.0
2/08/2023 19:40	1.9	5	14	2.9	0.0
2/08/2023 19:50	1.7	176	14	2.8	0.0
2/08/2023 20:00	1.6	358	14	2.5	0.0
2/08/2023 20:10	1.9	182	15	2.8	0.0
2/08/2023 20:20	1.9	3	16	2.9	0.0
2/08/2023 20:30	2.1	353	14	3.2	0.0
2/08/2023 20:40	2.7	354	13	4.0	0.0
2/08/2023 20:50	2.5	350	12	3.5	0.0
2/08/2023 21:00	2.1	357	18	3.1	0.0
2/08/2023 21:10	1.8	177	14	2.7	0.0
2/08/2023 21:20	1.0	181	19	1.6	0.0
2/08/2023 21:30	1.2	12	17	2.1	0.0
2/08/2023 21:40	2.1	8	16	3.0	0.0
2/08/2023 21:50	2.4	177	13	3.4	0.0
2/08/2023 22:00	1.9	339	20	2.8	0.0
2/08/2023 22:10	1.9	350	12	2.9	0.0
2/08/2023 22:20	1.8	354	18	2.7	0.0
2/08/2023 22:30	1.0	337	20	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/08/2023 22:40	0.9	168	25	1.6	0.0
2/08/2023 22:50	1.9	181	20	2.9	0.0
2/08/2023 23:00	1.7	352	18	2.8	0.0
2/08/2023 23:10	1.6	341	15	2.4	0.0
2/08/2023 23:20	1.8	342	19	2.7	0.0
2/08/2023 23:30	1.8	352	18	3.1	0.0
2/08/2023 23:40	2.2	346	13	3.4	0.0
2/08/2023 23:50	2.5	343	14	3.9	0.0
3/08/2023 0:00	2.6	342	14	3.8	0.0
3/08/2023 0:10	2.4	347	16	3.7	0.0
3/08/2023 0:20	2.3	345	16	3.7	0.0
3/08/2023 0:30	2.4	351	15	3.5	0.0
3/08/2023 0:40	2.5	354	18	3.6	0.0
3/08/2023 0:50	2.6	351	16	4.0	0.0
3/08/2023 1:00	2.7	347	17	3.8	0.0
3/08/2023 1:10	2.7	348	15	4.1	0.0
3/08/2023 1:20	2.5	352	15	3.7	0.0
3/08/2023 1:30	2.7	343	15	4.0	0.0
3/08/2023 1:40	2.5	339	15	3.9	0.0
3/08/2023 1:50	2.4	329	18	3.7	0.0
3/08/2023 2:00	2.0	333	17	3.0	0.0
3/08/2023 2:10	2.4	330	15	3.6	0.0
3/08/2023 2:20	2.2	331	13	3.4	0.0
3/08/2023 2:30	2.2	329	16	3.6	0.0
3/08/2023 2:40	2.1	316	21	3.1	0.0
3/08/2023 2:50	2.4	306	19	4.0	0.0
3/08/2023 3:00	1.8	307	23	3.3	0.0
3/08/2023 3:10	2.2	315	22	3.5	0.0
3/08/2023 3:20	2.0	305	22	3.4	0.0
3/08/2023 3:30	1.8	292	23	3.2	0.0
3/08/2023 3:40	1.7	292	16	2.8	0.0
3/08/2023 3:50	1.7	287	28	3.3	0.0
3/08/2023 4:00	1.3	283	21	3.1	0.0
3/08/2023 4:10	1.6	290	20	2.6	0.0
3/08/2023 4:20	1.5	309	22	2.8	0.0
3/08/2023 4:30	1.1	318	16	2.0	0.0
3/08/2023 4:40	0.9	290	37	2.0	0.0
3/08/2023 4:50	1.1	285	29	2.4	0.0
3/08/2023 5:00	1.1	301	27	1.9	0.0
3/08/2023 5:10	0.8	301	34	1.9	0.0
3/08/2023 5:20	1.6	309	21	2.6	0.0
3/08/2023 5:30	1.2	295	21	2.2	0.0
3/08/2023 5:40	1.4	329	23	2.8	0.0
3/08/2023 5:50	1.7	339	16	2.9	0.0
3/08/2023 6:00	1.4	322	19	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/08/2023 6:10	0.6	276	28	1.4	0.0
3/08/2023 6:20	0.6	284	22	1.6	0.0
3/08/2023 6:30	0.6	323	53	1.4	0.0
3/08/2023 6:40	0.6	255	23	1.4	0.0
3/08/2023 6:50	0.1	244	14	0.8	0.0
3/08/2023 7:00	0.2	162	10	0.8	0.0
3/08/2023 7:10	0.1	76	1	0.6	0.0
3/08/2023 7:20	0.9	198	12	2.0	0.0
3/08/2023 7:30	2.1	167	19	3.0	0.0
3/08/2023 7:40	2.5	168	19	3.6	0.0
3/08/2023 7:50	2.5	155	17	3.6	0.0
3/08/2023 8:00	2.5	164	17	3.7	0.0
3/08/2023 8:10	2.0	149	18	3.1	0.0
3/08/2023 8:20	2.0	156	15	2.8	0.0
3/08/2023 8:30	1.9	149	19	2.8	0.0
3/08/2023 8:40	1.7	121	18	2.6	0.0
3/08/2023 8:50	1.6	117	17	2.4	0.0
3/08/2023 9:00	1.5	107	18	2.0	0.0
3/08/2023 9:10	1.8	97	20	2.9	0.0
3/08/2023 9:20	1.7	108	20	2.7	0.0
3/08/2023 9:30	1.6	70	21	2.3	0.0
3/08/2023 9:40	1.9	70	17	2.8	0.0
3/08/2023 9:50	2.0	70	15	2.8	0.0
3/08/2023 10:00	2.1	59	15	3.3	0.0
3/08/2023 10:10	1.7	68	15	2.3	0.0
3/08/2023 10:20	2.0	76	17	2.8	0.0
3/08/2023 10:30	1.8	78	15	2.5	0.0
3/08/2023 10:40	1.7	89	16	2.3	0.0
3/08/2023 10:50	1.9	87	20	2.6	0.0
3/08/2023 11:00	1.8	83	19	2.4	0.0
3/08/2023 11:10	1.7	95	21	2.6	0.0
3/08/2023 11:20	1.5	80	28	2.3	0.0
3/08/2023 11:30	1.4	40	16	2.3	0.0
3/08/2023 11:40	1.6	58	21	2.5	0.0
3/08/2023 11:50	2.1	84	14	3.0	0.0
3/08/2023 12:00	2.0	63	17	2.9	0.0
3/08/2023 12:10	1.9	77	13	2.4	0.0
3/08/2023 12:20	1.8	75	19	2.5	0.0
3/08/2023 12:30	1.9	72	17	2.8	0.0
3/08/2023 12:40	1.6	74	33	2.4	0.0
3/08/2023 12:50	2.0	127	56	3.3	0.0
3/08/2023 13:00	2.0	280	23	3.0	0.0
3/08/2023 13:10	2.6	281	20	4.0	0.0
3/08/2023 13:20	2.4	294	23	3.5	0.0
3/08/2023 13:30	2.4	287	22	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/08/2023 13:40	2.0	300	21	3.1	0.0
3/08/2023 13:50	2.0	309	28	3.2	0.0
3/08/2023 14:00	2.0	294	18	3.0	0.0
3/08/2023 14:10	2.1	306	24	3.4	0.0
3/08/2023 14:20	1.5	153	62	2.5	0.0
3/08/2023 14:30	2.0	70	28	2.8	0.0
3/08/2023 14:40	2.4	76	17	3.2	0.0
3/08/2023 14:50	2.5	60	16	3.2	0.0
3/08/2023 15:00	2.6	54	10	3.2	0.0
3/08/2023 15:10	2.7	57	15	3.3	0.0
3/08/2023 15:20	2.5	58	13	3.6	0.0
3/08/2023 15:30	2.6	62	9	3.3	0.0
3/08/2023 15:40	2.6	62	11	3.2	0.0
3/08/2023 15:50	2.5	56	11	3.2	0.0
3/08/2023 16:00	2.2	64	11	3.0	0.0
3/08/2023 16:10	1.7	46	22	2.8	0.0
3/08/2023 16:20	2.3	53	17	3.6	0.0
3/08/2023 16:30	3.3	54	13	4.5	0.0
3/08/2023 16:40	2.3	179	57	4.3	0.0
3/08/2023 16:50	2.4	144	68	4.0	0.0
3/08/2023 17:00	3.9	198	15	6.0	0.0
3/08/2023 17:10	3.8	193	16	6.0	0.0
3/08/2023 17:20	4.0	193	11	5.2	0.0
3/08/2023 17:30	4.2	196	12	5.6	0.0
3/08/2023 17:40	2.7	183	24	4.3	0.0
3/08/2023 17:50	2.4	190	25	3.5	0.0
3/08/2023 18:00	1.7	192	26	2.6	0.0
3/08/2023 18:10	2.3	201	18	3.6	0.0
3/08/2023 18:20	1.2	202	26	2.0	0.0
3/08/2023 18:30	0.9	170	56	1.6	0.0
3/08/2023 18:40	1.6	145	37	3.2	0.0
3/08/2023 18:50	1.7	159	25	2.7	0.0
3/08/2023 19:00	1.4	136	26	2.1	0.0
3/08/2023 19:10	1.2	95	18	1.8	0.0
3/08/2023 19:20	1.6	106	9	2.1	0.0
3/08/2023 19:30	1.6	139	13	2.1	0.0
3/08/2023 19:40	1.2	134	27	1.7	0.0
3/08/2023 19:50	1.1	87	15	1.6	0.0
3/08/2023 20:00	0.6	336	18	0.9	0.0
3/08/2023 20:10	1.0	335	7	1.2	0.0
3/08/2023 20:20	0.8	326	8	1.1	0.0
3/08/2023 20:30	1.2	283	9	1.7	0.0
3/08/2023 20:40	1.3	285	11	1.9	0.0
3/08/2023 20:50	1.3	264	18	1.8	0.0
3/08/2023 21:00	1.0	208	29	1.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/08/2023 21:10	1.2	195	14	2.2	0.0
3/08/2023 21:20	2.1	199	14	2.9	0.0
3/08/2023 21:30	1.6	207	21	2.2	0.0
3/08/2023 21:40	0.9	249	41	2.0	0.0
3/08/2023 21:50	1.3	284	16	2.2	0.0
3/08/2023 22:00	1.9	279	17	3.1	0.0
3/08/2023 22:10	1.4	251	35	2.2	0.0
3/08/2023 22:20	1.5	243	27	2.5	0.0
3/08/2023 22:30	1.6	255	35	2.9	0.0
3/08/2023 22:40	1.2	252	40	2.4	0.0
3/08/2023 22:50	1.1	269	29	2.0	0.0
3/08/2023 23:00	1.7	276	19	2.8	0.0
3/08/2023 23:10	1.3	274	27	2.0	0.0
3/08/2023 23:20	0.9	243	42	2.2	0.0
3/08/2023 23:30	0.9	279	38	2.0	0.0
3/08/2023 23:40	1.2	282	18	1.7	0.0
3/08/2023 23:50	1.4	293	19	2.3	0.0
4/08/2023 0:00	1.5	288	27	2.4	0.0
4/08/2023 0:10	1.6	267	30	2.7	0.0
4/08/2023 0:20	1.4	281	24	2.4	0.0
4/08/2023 0:30	1.6	279	13	2.2	0.0
4/08/2023 0:40	1.8	273	16	2.8	0.0
4/08/2023 0:50	1.3	251	27	2.0	0.0
4/08/2023 1:00	1.4	236	22	2.6	0.0
4/08/2023 1:10	1.1	257	32	2.0	0.0
4/08/2023 1:20	0.9	238	26	1.9	0.0
4/08/2023 1:30	1.0	248	23	1.8	0.0
4/08/2023 1:40	1.7	230	29	2.8	0.0
4/08/2023 1:50	2.8	202	18	4.4	0.0
4/08/2023 2:00	3.1	190	13	4.2	0.0
4/08/2023 2:10	3.5	196	10	4.9	0.0
4/08/2023 2:20	3.2	197	12	4.4	0.0
4/08/2023 2:30	3.2	189	13	4.3	0.0
4/08/2023 2:40	3.6	187	12	5.1	0.0
4/08/2023 2:50	3.7	194	12	5.2	0.0
4/08/2023 3:00	3.3	187	15	4.4	0.0
4/08/2023 3:10	3.9	194	10	5.1	0.0
4/08/2023 3:20	4.0	191	13	5.3	0.0
4/08/2023 3:30	3.8	189	11	5.1	0.0
4/08/2023 3:40	4.1	189	9	5.3	0.0
4/08/2023 3:50	3.6	192	11	4.8	0.0
4/08/2023 4:00	3.6	187	13	4.9	0.0
4/08/2023 4:10	3.2	195	11	4.3	0.0
4/08/2023 4:20	3.5	199	10	4.4	0.0
4/08/2023 4:30	3.3	202	16	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/08/2023 4:40	2.9	216	16	3.8	0.0
4/08/2023 4:50	3.5	184	16	5.3	0.0
4/08/2023 5:00	3.8	173	14	5.1	0.0
4/08/2023 5:10	3.6	168	13	5.3	0.0
4/08/2023 5:20	3.6	170	13	4.8	0.0
4/08/2023 5:30	2.9	157	15	4.1	0.0
4/08/2023 5:40	2.1	134	20	3.2	0.0
4/08/2023 5:50	1.6	140	18	2.6	0.0
4/08/2023 6:00	1.4	119	20	2.1	0.0
4/08/2023 6:10	0.7	183	39	1.6	0.0
4/08/2023 6:20	1.2	125	25	1.8	0.0
4/08/2023 6:30	1.7	142	23	2.4	0.0
4/08/2023 6:40	2.3	151	18	3.2	0.0
4/08/2023 6:50	2.5	151	16	3.8	0.0
4/08/2023 7:00	2.0	140	22	2.8	0.0
4/08/2023 7:10	2.1	116	20	3.2	0.0
4/08/2023 7:20	2.1	118	19	3.0	0.0
4/08/2023 7:30	1.8	98	19	2.4	0.0
4/08/2023 7:40	1.4	94	12	1.9	0.0
4/08/2023 7:50	1.8	90	14	2.5	0.0
4/08/2023 8:00	1.1	97	18	1.6	0.0
4/08/2023 8:10	1.5	109	13	2.0	0.0
4/08/2023 8:20	1.2	112	16	1.7	0.0
4/08/2023 8:30	0.5	94	14	0.9	0.0
4/08/2023 8:40	0.9	194	21	1.4	0.0
4/08/2023 8:50	1.4	206	21	2.0	0.0
4/08/2023 9:00	1.4	217	17	2.1	0.0
4/08/2023 9:10	1.7	203	13	2.3	0.0
4/08/2023 9:20	1.5	214	28	2.2	0.0
4/08/2023 9:30	1.7	194	23	2.6	0.0
4/08/2023 9:40	1.4	182	35	2.2	0.0
4/08/2023 9:50	2.0	144	21	2.8	0.0
4/08/2023 10:00	2.0	166	20	3.2	0.0
4/08/2023 10:10	1.9	137	32	3.2	0.0
4/08/2023 10:20	1.8	150	34	2.7	0.0
4/08/2023 10:30	1.6	151	27	2.9	0.0
4/08/2023 10:40	1.6	151	41	2.8	0.0
4/08/2023 10:50	1.7	105	37	3.1	0.0
4/08/2023 11:00	1.9	115	26	2.6	0.0
4/08/2023 11:10	2.2	64	19	2.9	0.0
4/08/2023 11:20	2.4	49	11	3.1	0.0
4/08/2023 11:30	2.2	64	17	2.8	0.0
4/08/2023 11:40	1.8	50	18	2.6	0.0
4/08/2023 11:50	2.4	63	11	3.2	0.0
4/08/2023 12:00	2.8	66	12	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/08/2023 12:10	3.1	56	14	4.0	0.0
4/08/2023 12:20	2.9	62	14	3.7	0.0
4/08/2023 12:30	2.4	60	16	3.2	0.0
4/08/2023 12:40	2.0	73	14	2.4	0.0
4/08/2023 12:50	2.5	54	9	3.1	0.0
4/08/2023 13:00	2.7	56	11	3.3	0.0
4/08/2023 13:10	2.6	59	15	3.3	0.0
4/08/2023 13:20	2.6	58	13	3.4	0.0
4/08/2023 13:30	2.4	62	16	3.2	0.0
4/08/2023 13:40	1.4	63	21	2.1	0.0
4/08/2023 13:50	1.6	28	27	2.0	0.0
4/08/2023 14:00	2.3	59	11	2.9	0.0
4/08/2023 14:10	2.7	55	13	4.0	0.0
4/08/2023 14:20	3.2	53	11	4.0	0.0
4/08/2023 14:30	3.2	49	12	4.4	0.0
4/08/2023 14:40	3.7	55	12	5.4	0.0
4/08/2023 14:50	3.4	52	11	4.9	0.0
4/08/2023 15:00	2.3	30	17	3.6	0.0
4/08/2023 15:10	2.1	355	27	3.2	0.0
4/08/2023 15:20	2.6	183	26	4.0	0.0
4/08/2023 15:30	2.6	195	24	4.5	0.0
4/08/2023 15:40	2.9	350	16	4.7	0.0
4/08/2023 15:50	2.8	338	16	4.0	0.0
4/08/2023 16:00	2.9	321	20	3.9	0.0
4/08/2023 16:10	3.1	301	17	4.2	0.0
4/08/2023 16:20	2.5	285	21	4.0	0.0
4/08/2023 16:30	2.4	289	23	3.6	0.0
4/08/2023 16:40	2.6	308	24	4.1	0.0
4/08/2023 16:50	3.5	325	11	4.5	0.0
4/08/2023 17:00	2.6	319	18	4.0	0.0
4/08/2023 17:10	2.5	306	20	3.9	0.0
4/08/2023 17:20	2.8	290	23	4.0	0.0
4/08/2023 17:30	2.6	265	17	4.0	0.0
4/08/2023 17:40	2.6	260	18	3.8	0.0
4/08/2023 17:50	2.7	263	15	4.3	0.0
4/08/2023 18:00	2.4	268	18	3.4	0.0
4/08/2023 18:10	2.5	275	17	3.7	0.0
4/08/2023 18:20	2.7	271	17	3.9	0.0
4/08/2023 18:30	2.5	274	15	3.9	0.0
4/08/2023 18:40	2.4	273	20	3.4	0.0
4/08/2023 18:50	2.2	266	19	3.4	0.0
4/08/2023 19:00	2.0	269	21	3.8	0.0
4/08/2023 19:10	2.3	277	13	3.5	0.0
4/08/2023 19:20	2.4	279	15	3.5	0.0
4/08/2023 19:30	2.0	275	18	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/08/2023 19:40	1.9	267	25	3.2	0.0
4/08/2023 19:50	2.1	278	16	3.2	0.0
4/08/2023 20:00	2.4	278	16	3.5	0.0
4/08/2023 20:10	2.2	269	24	3.2	0.0
4/08/2023 20:20	1.8	272	22	2.7	0.0
4/08/2023 20:30	1.5	271	26	2.4	0.0
4/08/2023 20:40	1.4	247	31	2.4	0.0
4/08/2023 20:50	1.2	210	29	2.0	0.0
4/08/2023 21:00	1.5	203	32	2.3	0.0
4/08/2023 21:10	1.7	201	27	2.5	0.0
4/08/2023 21:20	1.4	209	31	2.3	0.0
4/08/2023 21:30	1.5	229	31	2.4	0.0
4/08/2023 21:40	1.4	248	28	2.6	0.0
4/08/2023 21:50	1.7	281	18	2.5	0.0
4/08/2023 22:00	1.5	242	30	2.3	0.0
4/08/2023 22:10	1.7	275	22	2.7	0.0
4/08/2023 22:20	1.5	266	23	2.4	0.0
4/08/2023 22:30	1.8	286	14	2.6	0.0
4/08/2023 22:40	1.5	294	14	2.1	0.0
4/08/2023 22:50	1.8	292	12	2.2	0.0
4/08/2023 23:00	1.7	292	7	2.1	0.0
4/08/2023 23:10	2.0	288	7	2.4	0.0
4/08/2023 23:20	1.6	275	20	2.7	0.0
4/08/2023 23:30	1.2	286	16	1.7	0.0
4/08/2023 23:40	0.8	286	30	1.6	0.0
4/08/2023 23:50	1.2	271	34	1.7	0.0
5/08/2023 0:00	1.4	281	19	2.0	0.0
5/08/2023 0:10	1.1	297	18	1.6	0.0
5/08/2023 0:20	1.7	268	28	2.8	0.0
5/08/2023 0:30	2.0	250	29	3.6	0.0
5/08/2023 0:40	2.3	279	16	3.1	0.0
5/08/2023 0:50	1.8	270	23	2.8	0.0
5/08/2023 1:00	2.0	257	25	3.6	0.0
5/08/2023 1:10	2.0	262	31	3.4	0.0
5/08/2023 1:20	1.9	270	41	3.0	0.0
5/08/2023 1:30	2.0	296	19	3.0	0.0
5/08/2023 1:40	1.4	184	65	2.4	0.0
5/08/2023 1:50	2.1	203	41	3.8	0.0
5/08/2023 2:00	2.9	198	15	4.2	0.0
5/08/2023 2:10	3.6	195	12	4.8	0.0
5/08/2023 2:20	4.1	193	12	5.3	0.0
5/08/2023 2:30	4.3	194	11	5.7	0.0
5/08/2023 2:40	4.1	195	9	5.3	0.0
5/08/2023 2:50	4.1	192	10	5.5	0.0
5/08/2023 3:00	4.7	196	9	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/08/2023 3:10	4.0	189	12	5.3	0.0
5/08/2023 3:20	3.4	194	11	5.1	0.0
5/08/2023 3:30	2.9	191	13	4.3	0.0
5/08/2023 3:40	2.4	184	19	3.7	0.0
5/08/2023 3:50	3.1	189	15	4.4	0.0
5/08/2023 4:00	2.9	181	15	4.1	0.0
5/08/2023 4:10	3.0	151	23	5.1	0.0
5/08/2023 4:20	3.1	144	28	6.0	0.0
5/08/2023 4:30	2.7	118	28	5.5	0.0
5/08/2023 4:40	3.3	123	24	5.5	0.0
5/08/2023 4:50	2.2	118	19	3.7	0.0
5/08/2023 5:00	2.4	118	20	3.5	0.0
5/08/2023 5:10	2.5	121	18	3.6	0.0
5/08/2023 5:20	2.4	110	20	4.0	0.0
5/08/2023 5:30	2.2	112	19	3.4	0.0
5/08/2023 5:40	1.9	96	19	2.8	0.0
5/08/2023 5:50	2.3	88	21	3.9	0.0
5/08/2023 6:00	2.2	109	20	3.6	0.0
5/08/2023 6:10	1.9	116	21	3.5	0.0
5/08/2023 6:20	1.0	99	28	2.5	0.0
5/08/2023 6:30	2.0	114	25	3.3	0.0
5/08/2023 6:40	2.9	111	27	5.0	0.0
5/08/2023 6:50	3.7	110	29	6.4	0.0
5/08/2023 7:00	3.0	129	34	6.7	0.0
5/08/2023 7:10	4.6	114	26	7.3	0.0
5/08/2023 7:20	4.2	113	28	7.6	0.0
5/08/2023 7:30	4.4	116	25	7.6	0.0
5/08/2023 7:40	4.3	116	25	7.5	0.0
5/08/2023 7:50	3.7	111	26	6.5	0.0
5/08/2023 8:00	3.6	107	27	6.0	0.0
5/08/2023 8:10	3.5	102	25	6.4	0.0
5/08/2023 8:20	4.2	106	24	7.0	0.0
5/08/2023 8:30	3.5	107	23	6.0	0.0
5/08/2023 8:40	3.5	115	21	6.3	0.0
5/08/2023 8:50	4.1	114	18	6.4	0.0
5/08/2023 9:00	3.8	116	18	6.0	0.0
5/08/2023 9:10	4.0	116	20	6.3	0.0
5/08/2023 9:20	3.4	108	20	6.0	0.0
5/08/2023 9:30	3.1	105	20	4.6	0.0
5/08/2023 9:40	3.4	105	23	6.2	0.0
5/08/2023 9:50	3.6	93	21	5.4	0.0
5/08/2023 10:00	4.5	83	16	6.1	0.0
5/08/2023 10:10	4.5	86	14	6.0	0.0
5/08/2023 10:20	3.7	85	17	5.2	0.0
5/08/2023 10:30	3.4	87	13	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/08/2023 10:40	3.2	81	15	4.3	0.0
5/08/2023 10:50	3.3	79	14	4.8	0.0
5/08/2023 11:00	3.4	71	17	5.0	0.0
5/08/2023 11:10	3.2	59	12	4.8	0.0
5/08/2023 11:20	3.6	65	14	4.8	0.0
5/08/2023 11:30	3.5	63	13	4.7	0.0
5/08/2023 11:40	4.0	60	9	5.2	0.0
5/08/2023 11:50	3.3	57	13	4.5	0.0
5/08/2023 12:00	3.1	52	17	4.3	0.0
5/08/2023 12:10	3.8	61	13	4.8	0.0
5/08/2023 12:20	3.6	51	12	5.0	0.0
5/08/2023 12:30	3.5	51	12	5.0	0.0
5/08/2023 12:40	4.0	45	14	5.4	0.0
5/08/2023 12:50	3.5	44	14	5.0	0.0
5/08/2023 13:00	3.7	53	13	5.2	0.0
5/08/2023 13:10	3.2	52	14	4.2	0.0
5/08/2023 13:20	3.3	54	14	4.5	0.0
5/08/2023 13:30	3.5	48	15	5.2	0.0
5/08/2023 13:40	3.8	46	12	5.1	0.0
5/08/2023 13:50	3.3	45	13	4.4	0.0
5/08/2023 14:00	2.8	52	16	3.6	0.0
5/08/2023 14:10	2.8	54	13	3.8	0.0
5/08/2023 14:20	2.6	52	14	3.6	0.0
5/08/2023 14:30	2.6	50	15	3.6	0.0
5/08/2023 14:40	2.7	57	18	3.6	0.0
5/08/2023 14:50	2.6	57	14	3.6	0.0
5/08/2023 15:00	2.7	51	13	3.6	0.0
5/08/2023 15:10	2.3	57	14	3.5	0.0
5/08/2023 15:20	2.3	63	14	3.5	0.0
5/08/2023 15:30	2.5	58	14	3.5	0.0
5/08/2023 15:40	2.2	58	15	2.9	0.0
5/08/2023 15:50	2.1	54	14	3.2	0.0
5/08/2023 16:00	1.9	55	18	2.7	0.0
5/08/2023 16:10	1.9	57	14	2.7	0.0
5/08/2023 16:20	1.8	61	15	2.5	0.0
5/08/2023 16:30	1.6	61	17	2.3	0.0
5/08/2023 16:40	1.4	62	20	2.0	0.0
5/08/2023 16:50	1.7	59	19	2.7	0.0
5/08/2023 17:00	2.1	56	16	3.2	0.0
5/08/2023 17:10	2.4	47	15	3.6	0.0
5/08/2023 17:20	2.1	48	14	3.2	0.0
5/08/2023 17:30	2.2	48	14	3.1	0.0
5/08/2023 17:40	1.7	68	15	2.4	0.0
5/08/2023 17:50	1.3	87	19	1.8	0.0
5/08/2023 18:00	1.5	110	15	2.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/08/2023 18:10	1.6	112	14	2.2	0.0
5/08/2023 18:20	1.6	116	13	2.3	0.0
5/08/2023 18:30	1.6	99	19	2.4	0.0
5/08/2023 18:40	1.1	74	18	1.9	0.0
5/08/2023 18:50	1.3	107	18	2.3	0.0
5/08/2023 19:00	1.6	110	21	2.8	0.0
5/08/2023 19:10	1.3	67	21	2.0	0.0
5/08/2023 19:20	1.1	88	20	1.8	0.0
5/08/2023 19:30	1.0	124	31	1.8	0.0
5/08/2023 19:40	1.3	96	15	2.0	0.0
5/08/2023 19:50	1.0	95	18	1.6	0.0
5/08/2023 20:00	1.1	113	19	1.7	0.0
5/08/2023 20:10	0.6	52	15	1.0	0.0
5/08/2023 20:20	0.6	195	36	1.3	0.0
5/08/2023 20:30	1.2	113	28	1.9	0.0
5/08/2023 20:40	0.5	211	26	1.4	0.0
5/08/2023 20:50	0.3	227	32	0.8	0.0
5/08/2023 21:00	0.9	209	12	1.4	0.0
5/08/2023 21:10	1.1	148	23	1.6	0.0
5/08/2023 21:20	0.7	109	29	1.5	0.0
5/08/2023 21:30	1.9	100	17	3.0	0.0
5/08/2023 21:40	1.9	131	29	3.4	0.0
5/08/2023 21:50	1.4	95	36	2.0	0.0
5/08/2023 22:00	1.6	99	33	2.4	0.0
5/08/2023 22:10	1.5	110	26	2.2	0.0
5/08/2023 22:20	2.5	155	23	3.8	0.0
5/08/2023 22:30	0.4	219	54	1.5	0.0
5/08/2023 22:40	1.9	94	24	2.9	0.0
5/08/2023 22:50	1.7	163	22	2.8	0.0
5/08/2023 23:00	2.6	146	16	3.9	0.0
5/08/2023 23:10	3.1	153	18	4.7	0.0
5/08/2023 23:20	1.7	102	22	2.6	0.0
5/08/2023 23:30	2.4	157	25	3.7	0.0
5/08/2023 23:40	2.2	163	18	3.3	0.0
5/08/2023 23:50	3.0	173	13	3.9	0.0
6/08/2023 0:00	2.6	167	13	4.0	0.0
6/08/2023 0:10	2.5	182	15	3.7	0.0
6/08/2023 0:20	1.8	157	23	2.8	0.0
6/08/2023 0:30	2.0	154	16	2.9	0.0
6/08/2023 0:40	1.9	149	17	2.6	0.0
6/08/2023 0:50	1.9	149	17	3.0	0.0
6/08/2023 1:00	2.2	149	20	3.4	0.0
6/08/2023 1:10	2.1	149	18	3.1	0.0
6/08/2023 1:20	1.6	145	18	2.2	0.0
6/08/2023 1:30	1.8	150	19	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/08/2023 1:40	0.8	176	75	1.4	0.0
6/08/2023 1:50	1.2	155	20	1.8	0.0
6/08/2023 2:00	1.1	127	45	1.6	0.0
6/08/2023 2:10	0.6	335	14	1.2	0.0
6/08/2023 2:20	0.5	209	10	0.9	0.0
6/08/2023 2:30	0.9	77	29	1.6	0.0
6/08/2023 2:40	0.9	142	35	1.4	0.0
6/08/2023 2:50	1.0	84	27	1.7	0.0
6/08/2023 3:00	1.0	150	24	2.0	0.0
6/08/2023 3:10	1.0	252	44	1.6	0.0
6/08/2023 3:20	1.5	160	20	2.8	0.0
6/08/2023 3:30	1.6	157	21	2.3	0.0
6/08/2023 3:40	1.3	160	16	2.1	0.0
6/08/2023 3:50	1.3	158	27	2.8	0.0
6/08/2023 4:00	1.4	140	34	3.1	0.0
6/08/2023 4:10	1.7	154	34	2.8	0.0
6/08/2023 4:20	1.7	141	30	3.9	0.0
6/08/2023 4:30	1.6	133	29	3.7	0.0
6/08/2023 4:40	2.1	116	29	4.4	0.0
6/08/2023 4:50	2.2	111	37	4.6	0.0
6/08/2023 5:00	2.4	112	28	4.1	0.0
6/08/2023 5:10	1.9	128	28	4.0	0.0
6/08/2023 5:20	1.7	132	37	3.6	0.0
6/08/2023 5:30	2.1	91	22	4.1	0.0
6/08/2023 5:40	2.2	113	27	3.1	0.0
6/08/2023 5:50	2.0	104	16	2.9	0.0
6/08/2023 6:00	1.7	90	20	2.8	0.0
6/08/2023 6:10	1.9	96	21	3.0	0.0
6/08/2023 6:20	1.9	90	24	3.4	0.0
6/08/2023 6:30	1.8	81	13	2.8	0.0
6/08/2023 6:40	1.2	110	25	2.3	0.0
6/08/2023 6:50	2.0	83	16	3.3	0.0
6/08/2023 7:00	1.7	95	19	3.0	0.0
6/08/2023 7:10	2.2	89	15	3.5	0.0
6/08/2023 7:20	1.5	100	27	2.7	0.0
6/08/2023 7:30	1.6	106	28	2.7	0.0
6/08/2023 7:40	1.1	50	40	2.0	0.0
6/08/2023 7:50	1.7	88	38	3.2	0.0
6/08/2023 8:00	2.1	112	35	3.6	0.0
6/08/2023 8:10	2.8	110	29	5.0	0.0
6/08/2023 8:20	3.3	116	23	5.4	0.0
6/08/2023 8:30	2.9	118	24	5.4	0.0
6/08/2023 8:40	3.0	122	18	4.8	0.0
6/08/2023 8:50	3.4	121	20	5.6	0.0
6/08/2023 9:00	4.0	125	20	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/08/2023 9:10	3.8	120	23	5.6	0.0
6/08/2023 9:20	4.2	123	23	6.4	0.0
6/08/2023 9:30	4.6	119	19	6.9	0.0
6/08/2023 9:40	3.8	118	19	6.2	0.0
6/08/2023 9:50	3.7	86	20	5.7	0.0
6/08/2023 10:00	4.2	94	20	7.9	0.0
6/08/2023 10:10	4.4	91	18	7.2	0.0
6/08/2023 10:20	4.7	87	17	7.1	0.0
6/08/2023 10:30	5.2	87	17	8.0	0.0
6/08/2023 10:40	5.3	90	17	8.7	0.0
6/08/2023 10:50	5.2	91	18	7.3	0.0
6/08/2023 11:00	5.2	91	18	7.3	0.0
6/08/2023 11:10	4.8	89	15	7.0	0.0
6/08/2023 11:20	4.9	91	19	7.7	0.0
6/08/2023 11:30	4.6	89	16	6.5	0.0
6/08/2023 11:40	4.1	88	17	6.0	0.0
6/08/2023 11:50	3.7	85	16	5.3	0.0
6/08/2023 12:00	3.6	79	17	5.5	0.0
6/08/2023 12:10	3.4	74	13	4.8	0.0
6/08/2023 12:20	2.6	73	16	3.8	0.0
6/08/2023 12:30	2.8	76	13	4.1	0.0
6/08/2023 12:40	2.9	76	13	3.9	0.0
6/08/2023 12:50	2.7	75	15	3.6	0.0
6/08/2023 13:00	2.9	79	13	4.0	0.0
6/08/2023 13:10	2.6	76	17	3.8	0.0
6/08/2023 13:20	3.2	76	16	4.3	0.0
6/08/2023 13:30	3.2	73	14	4.4	0.0
6/08/2023 13:40	3.1	75	13	4.8	0.0
6/08/2023 13:50	3.5	74	12	4.9	0.0
6/08/2023 14:00	3.0	73	14	4.5	0.0
6/08/2023 14:10	2.8	81	15	3.9	0.0
6/08/2023 14:20	3.1	84	14	4.2	0.0
6/08/2023 14:30	2.9	86	16	3.8	0.0
6/08/2023 14:40	2.5	83	15	3.4	0.0
6/08/2023 14:50	2.3	77	12	3.6	0.0
6/08/2023 15:00	2.0	70	17	2.8	0.0
6/08/2023 15:10	2.2	57	15	3.1	0.0
6/08/2023 15:20	2.0	55	14	2.8	0.0
6/08/2023 15:30	2.0	61	17	2.9	0.0
6/08/2023 15:40	1.8	70	22	2.7	0.0
6/08/2023 15:50	1.7	84	16	2.4	0.0
6/08/2023 16:00	1.5	77	20	2.2	0.0
6/08/2023 16:10	1.0	93	36	1.7	0.0
6/08/2023 16:20	1.3	84	25	2.0	0.0
6/08/2023 16:30	1.3	72	28	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/08/2023 16:40	1.5	72	25	2.3	0.0
6/08/2023 16:50	1.2	87	19	1.8	0.0
6/08/2023 17:00	1.3	94	21	2.2	0.0
6/08/2023 17:10	1.1	96	22	1.9	0.0
6/08/2023 17:20	0.7	88	31	1.6	0.0
6/08/2023 17:30	1.1	96	17	1.6	0.0
6/08/2023 17:40	1.3	103	14	2.0	0.0
6/08/2023 17:50	1.2	98	20	1.9	0.0
6/08/2023 18:00	1.4	104	11	1.8	0.0
6/08/2023 18:10	1.5	96	12	2.2	0.0
6/08/2023 18:20	1.0	83	13	1.8	0.0
6/08/2023 18:30	0.7	98	13	1.2	0.0
6/08/2023 18:40	1.1	118	12	1.5	0.0
6/08/2023 18:50	1.4	118	12	1.9	0.0
6/08/2023 19:00	1.5	106	17	2.0	0.0
6/08/2023 19:10	1.4	106	16	2.0	0.0
6/08/2023 19:20	1.3	95	13	1.9	0.0
6/08/2023 19:30	1.3	104	15	1.8	0.0
6/08/2023 19:40	1.4	125	19	2.0	0.0
6/08/2023 19:50	1.3	110	22	2.2	0.0
6/08/2023 20:00	1.7	109	13	2.3	0.0
6/08/2023 20:10	2.0	114	15	2.6	0.0
6/08/2023 20:20	1.7	88	17	2.4	0.0
6/08/2023 20:30	1.4	95	12	1.9	0.0
6/08/2023 20:40	1.4	120	16	2.1	0.0
6/08/2023 20:50	1.8	110	13	2.4	0.0
6/08/2023 21:00	1.5	103	12	2.0	0.0
6/08/2023 21:10	1.5	104	16	2.0	0.0
6/08/2023 21:20	1.8	103	21	2.8	0.0
6/08/2023 21:30	1.2	96	19	2.0	0.0
6/08/2023 21:40	1.4	102	30	2.0	0.0
6/08/2023 21:50	0.6	198	60	1.5	0.0
6/08/2023 22:00	1.1	257	44	2.2	0.0
6/08/2023 22:10	0.6	10	35	1.3	0.0
6/08/2023 22:20	1.6	152	52	2.4	0.0
6/08/2023 22:30	0.6	239	45	1.6	0.0
6/08/2023 22:40	1.2	252	43	2.8	0.0
6/08/2023 22:50	2.1	147	22	3.5	0.0
6/08/2023 23:00	1.4	100	30	2.3	0.0
6/08/2023 23:10	1.6	162	25	3.4	0.0
6/08/2023 23:20	1.4	89	44	2.2	0.0
6/08/2023 23:30	0.9	275	27	1.5	0.0
6/08/2023 23:40	1.0	200	62	1.6	0.0
6/08/2023 23:50	1.0	212	36	2.0	0.0
7/08/2023 0:00	2.2	141	26	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/08/2023 0:10	1.8	138	28	2.7	0.0
7/08/2023 0:20	2.3	157	27	4.3	0.0
7/08/2023 0:30	2.7	154	18	4.0	0.0
7/08/2023 0:40	2.8	152	16	4.2	0.0
7/08/2023 0:50	2.8	161	11	3.8	0.0
7/08/2023 1:00	2.9	161	12	4.0	0.0
7/08/2023 1:10	2.2	165	22	3.4	0.0
7/08/2023 1:20	2.0	158	21	4.0	0.0
7/08/2023 1:30	2.4	158	16	3.8	0.0
7/08/2023 1:40	2.3	158	14	3.5	0.0
7/08/2023 1:50	1.0	87	32	2.6	0.0
7/08/2023 2:00	2.9	151	18	4.3	0.0
7/08/2023 2:10	2.0	157	19	3.5	0.0
7/08/2023 2:20	2.7	158	14	4.0	0.0
7/08/2023 2:30	2.8	159	14	4.3	0.0
7/08/2023 2:40	2.4	160	18	3.8	0.0
7/08/2023 2:50	2.5	153	18	4.0	0.0
7/08/2023 3:00	3.1	165	13	4.5	0.0
7/08/2023 3:10	2.5	152	20	4.2	0.0
7/08/2023 3:20	2.2	136	20	3.3	0.0
7/08/2023 3:30	2.1	139	21	3.2	0.0
7/08/2023 3:40	1.9	135	18	2.8	0.0
7/08/2023 3:50	2.1	117	16	3.4	0.0
7/08/2023 4:00	1.9	131	17	2.9	0.0
7/08/2023 4:10	2.1	125	20	3.7	0.0
7/08/2023 4:20	2.1	136	17	3.3	0.0
7/08/2023 4:30	2.4	141	18	3.7	0.0
7/08/2023 4:40	2.2	129	17	3.3	0.0
7/08/2023 4:50	2.0	124	19	2.8	0.0
7/08/2023 5:00	2.1	124	22	3.2	0.0
7/08/2023 5:10	2.2	142	19	3.6	0.0
7/08/2023 5:20	1.8	121	15	3.1	0.0
7/08/2023 5:30	1.6	122	16	2.4	0.0
7/08/2023 5:40	1.4	116	23	2.3	0.0
7/08/2023 5:50	1.3	113	16	2.1	0.0
7/08/2023 6:00	1.3	120	21	2.0	0.0
7/08/2023 6:10	1.6	123	22	2.4	0.0
7/08/2023 6:20	1.6	100	19	2.4	0.0
7/08/2023 6:30	1.5	107	18	2.2	0.0
7/08/2023 6:40	1.2	96	18	1.9	0.0
7/08/2023 6:50	1.2	85	26	2.1	0.0
7/08/2023 7:00	1.7	112	20	3.2	0.0
7/08/2023 7:10	1.9	107	21	3.1	0.0
7/08/2023 7:20	2.2	115	23	3.9	0.0
7/08/2023 7:30	2.4	118	21	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/08/2023 7:40	2.1	118	23	3.6	0.0
7/08/2023 7:50	2.7	124	18	4.4	0.0
7/08/2023 8:00	2.5	121	26	3.7	0.0
7/08/2023 8:10	2.3	121	22	3.6	0.0
7/08/2023 8:20	2.0	117	17	2.6	0.0
7/08/2023 8:30	2.2	115	19	3.1	0.0
7/08/2023 8:40	2.5	80	14	4.0	0.0
7/08/2023 8:50	2.7	84	19	4.0	0.0
7/08/2023 9:00	2.4	72	15	3.2	0.0
7/08/2023 9:10	2.2	90	23	3.3	0.0
7/08/2023 9:20	1.8	68	42	2.6	0.0
7/08/2023 9:30	1.6	57	30	2.8	0.0
7/08/2023 9:40	2.2	43	16	3.3	0.0
7/08/2023 9:50	3.2	73	15	4.8	0.0
7/08/2023 10:00	3.6	68	16	5.5	0.0
7/08/2023 10:10	3.8	73	15	5.5	0.0
7/08/2023 10:20	4.2	73	15	6.1	0.0
7/08/2023 10:30	4.2	58	12	5.9	0.0
7/08/2023 10:40	3.8	59	15	5.2	0.0
7/08/2023 10:50	4.3	55	13	5.7	0.0
7/08/2023 11:00	4.3	49	13	5.9	0.0
7/08/2023 11:10	4.2	50	15	5.9	0.0
7/08/2023 11:20	4.1	59	14	5.8	0.0
7/08/2023 11:30	4.7	60	11	5.8	0.0
7/08/2023 11:40	4.5	56	12	6.0	0.0
7/08/2023 11:50	4.5	59	10	5.4	0.0
7/08/2023 12:00	4.4	57	10	5.4	0.0
7/08/2023 12:10	4.1	55	9	5.3	0.0
7/08/2023 12:20	4.3	58	10	5.2	0.0
7/08/2023 12:30	4.3	56	10	5.5	0.0
7/08/2023 12:40	4.1	55	10	5.4	0.0
7/08/2023 12:50	3.8	59	11	4.9	0.0
7/08/2023 13:00	3.5	60	12	4.7	0.0
7/08/2023 13:10	3.6	57	13	4.7	0.0
7/08/2023 13:20	3.3	51	15	4.6	0.0
7/08/2023 13:30	3.6	57	14	5.0	0.0
7/08/2023 13:40	3.7	61	10	4.8	0.0
7/08/2023 13:50	3.3	58	14	4.2	0.0
7/08/2023 14:00	3.1	49	14	4.1	0.0
7/08/2023 14:10	3.4	46	13	4.4	0.0
7/08/2023 14:20	3.2	50	12	4.2	0.0
7/08/2023 14:30	3.4	43	11	4.5	0.0
7/08/2023 14:40	3.1	50	14	4.2	0.0
7/08/2023 14:50	3.3	47	12	4.4	0.0
7/08/2023 15:00	3.1	58	14	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/08/2023 15:10	3.2	54	13	4.0	0.0
7/08/2023 15:20	2.9	51	14	4.1	0.0
7/08/2023 15:30	3.0	59	13	3.7	0.0
7/08/2023 15:40	2.9	61	12	3.8	0.0
7/08/2023 15:50	2.8	61	14	3.8	0.0
7/08/2023 16:00	2.7	59	12	3.6	0.0
7/08/2023 16:10	2.5	57	11	3.2	0.0
7/08/2023 16:20	2.4	61	13	3.2	0.0
7/08/2023 16:30	2.3	60	12	3.0	0.0
7/08/2023 16:40	2.5	51	12	3.4	0.0
7/08/2023 16:50	2.8	44	12	4.0	0.0
7/08/2023 17:00	3.1	35	12	4.4	0.0
7/08/2023 17:10	4.4	28	12	6.2	0.0
7/08/2023 17:20	4.0	28	13	6.2	0.0
7/08/2023 17:30	4.0	18	14	5.8	0.0
7/08/2023 17:40	4.2	22	13	6.6	0.0
7/08/2023 17:50	5.0	27	14	6.8	0.0
7/08/2023 18:00	4.9	24	12	7.5	0.0
7/08/2023 18:10	4.6	27	15	6.3	0.0
7/08/2023 18:20	4.6	28	14	7.0	0.0
7/08/2023 18:30	4.6	24	12	6.3	0.0
7/08/2023 18:40	4.5	19	12	6.4	0.0
7/08/2023 18:50	4.4	20	12	6.9	0.0
7/08/2023 19:00	3.9	18	14	5.8	0.0
7/08/2023 19:10	4.3	18	12	6.3	0.0
7/08/2023 19:20	4.5	18	13	6.5	0.0
7/08/2023 19:30	3.8	18	12	6.4	0.0
7/08/2023 19:40	4.0	20	12	5.7	0.0
7/08/2023 19:50	3.6	21	14	5.2	0.0
7/08/2023 20:00	3.8	19	13	6.0	0.0
7/08/2023 20:10	3.6	21	11	5.0	0.0
7/08/2023 20:20	3.4	24	14	5.1	0.0
7/08/2023 20:30	3.4	19	14	4.7	0.0
7/08/2023 20:40	3.5	18	13	4.9	0.0
7/08/2023 20:50	3.5	23	15	5.6	0.0
7/08/2023 21:00	3.0	20	13	4.4	0.0
7/08/2023 21:10	3.2	16	14	5.2	0.0
7/08/2023 21:20	2.9	19	14	4.4	0.0
7/08/2023 21:30	2.8	18	13	4.2	0.0
7/08/2023 21:40	1.9	22	17	3.0	0.0
7/08/2023 21:50	1.7	18	14	2.8	0.0
7/08/2023 22:00	0.2	72	11	1.1	0.0
7/08/2023 22:10	0.8	159	19	1.2	0.0
7/08/2023 22:20	0.4	167	39	0.8	0.0
7/08/2023 22:30	0.5	133	25	1.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/08/2023 22:40	0.3	157	15	0.8	0.0
7/08/2023 22:50	0.9	156	11	1.2	0.0
7/08/2023 23:00	0.9	157	12	1.4	0.0
7/08/2023 23:10	1.1	91	15	1.7	0.0
7/08/2023 23:20	0.2	107	13	0.7	0.0
7/08/2023 23:30	0.5	90	21	1.2	0.0
7/08/2023 23:40	0.3	143	13	1.2	0.0
7/08/2023 23:50	1.0	98	19	1.4	0.0
8/08/2023 0:00	0.9	135	24	1.9	0.0
8/08/2023 0:10	1.3	105	19	2.0	0.0
8/08/2023 0:20	0.9	252	46	1.7	0.0
8/08/2023 0:30	1.1	120	26	2.0	0.0
8/08/2023 0:40	0.8	117	23	2.0	0.0
8/08/2023 0:50	2.2	145	33	3.1	0.0
8/08/2023 1:00	2.7	161	17	4.0	0.0
8/08/2023 1:10	2.5	158	13	3.6	0.0
8/08/2023 1:20	2.6	163	12	3.3	0.0
8/08/2023 1:30	1.9	149	21	3.2	0.0
8/08/2023 1:40	2.1	153	15	3.0	0.0
8/08/2023 1:50	2.4	152	14	3.6	0.0
8/08/2023 2:00	2.7	164	11	3.8	0.0
8/08/2023 2:10	2.8	168	14	3.8	0.0
8/08/2023 2:20	2.3	159	17	3.2	0.0
8/08/2023 2:30	2.1	150	15	3.1	0.0
8/08/2023 2:40	2.8	164	16	4.0	0.0
8/08/2023 2:50	2.5	167	13	3.7	0.0
8/08/2023 3:00	2.9	167	11	3.8	0.0
8/08/2023 3:10	3.0	164	9	3.7	0.0
8/08/2023 3:20	2.9	167	12	3.6	0.0
8/08/2023 3:30	2.4	158	14	3.2	0.0
8/08/2023 3:40	2.7	162	12	3.6	0.0
8/08/2023 3:50	2.3	153	16	3.4	0.0
8/08/2023 4:00	1.9	137	18	2.7	0.0
8/08/2023 4:10	1.8	140	21	2.9	0.0
8/08/2023 4:20	2.1	138	21	3.5	0.0
8/08/2023 4:30	2.0	142	17	3.2	0.0
8/08/2023 4:40	2.3	143	21	3.9	0.0
8/08/2023 4:50	2.4	145	20	3.6	0.0
8/08/2023 5:00	2.4	137	18	4.4	0.0
8/08/2023 5:10	2.7	138	20	4.0	0.0
8/08/2023 5:20	2.7	134	18	4.4	0.0
8/08/2023 5:30	2.9	133	19	4.3	0.0
8/08/2023 5:40	3.2	142	17	4.8	0.0
8/08/2023 5:50	2.6	144	18	4.0	0.0
8/08/2023 6:00	2.7	138	21	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/08/2023 6:10	2.5	142	17	3.7	0.0
8/08/2023 6:20	2.6	138	17	4.0	0.0
8/08/2023 6:30	2.9	145	19	3.9	0.0
8/08/2023 6:40	2.5	144	16	3.7	0.0
8/08/2023 6:50	2.8	137	18	4.3	0.0
8/08/2023 7:00	2.8	141	18	4.4	0.0
8/08/2023 7:10	2.7	144	20	4.7	0.0
8/08/2023 7:20	2.8	146	18	4.4	0.0
8/08/2023 7:30	2.7	146	20	3.6	0.0
8/08/2023 7:40	2.5	146	19	4.1	0.0
8/08/2023 7:50	2.7	112	16	3.9	0.0
8/08/2023 8:00	2.3	101	13	3.5	0.0
8/08/2023 8:10	2.5	140	18	3.7	0.0
8/08/2023 8:20	2.1	84	27	3.3	0.0
8/08/2023 8:30	2.4	107	21	3.3	0.0
8/08/2023 8:40	2.7	118	21	4.1	0.0
8/08/2023 8:50	2.1	116	26	3.3	0.0
8/08/2023 9:00	2.2	108	20	3.2	0.0
8/08/2023 9:10	2.0	111	18	2.8	0.0
8/08/2023 9:20	2.1	116	13	3.1	0.0
8/08/2023 9:30	2.4	115	20	3.6	0.0
8/08/2023 9:40	2.4	123	21	3.5	0.0
8/08/2023 9:50	2.3	118	20	3.2	0.0
8/08/2023 10:00	2.4	117	25	4.1	0.0
8/08/2023 10:10	2.4	117	21	4.0	0.0
8/08/2023 10:20	2.6	114	16	3.4	0.0
8/08/2023 10:30	2.4	114	22	3.7	0.0
8/08/2023 10:40	2.1	90	24	3.2	0.0
8/08/2023 10:50	2.1	63	20	2.9	0.0
8/08/2023 11:00	2.3	53	13	3.2	0.0
8/08/2023 11:10	2.5	53	12	3.4	0.0
8/08/2023 11:20	2.5	62	14	3.5	0.0
8/08/2023 11:30	2.6	53	10	3.3	0.0
8/08/2023 11:40	2.4	64	13	3.2	0.0
8/08/2023 11:50	2.6	63	13	3.4	0.0
8/08/2023 12:00	2.6	65	12	3.5	0.0
8/08/2023 12:10	2.7	65	12	3.5	0.0
8/08/2023 12:20	2.9	61	12	3.8	0.0
8/08/2023 12:30	3.0	59	14	4.2	0.0
8/08/2023 12:40	2.9	57	14	4.2	0.0
8/08/2023 12:50	2.7	66	17	4.0	0.0
8/08/2023 13:00	3.0	52	15	4.1	0.0
8/08/2023 13:10	2.9	50	13	4.2	0.0
8/08/2023 13:20	3.6	51	10	4.5	0.0
8/08/2023 13:30	3.9	56	9	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/08/2023 13:40	3.7	61	11	4.8	0.0
8/08/2023 13:50	3.4	50	15	4.8	0.0
8/08/2023 14:00	3.5	50	13	5.1	0.0
8/08/2023 14:10	3.4	41	16	4.9	0.0
8/08/2023 14:20	3.7	47	12	5.1	0.0
8/08/2023 14:30	3.6	38	13	5.0	0.0
8/08/2023 14:40	4.0	37	14	5.6	0.0
8/08/2023 14:50	3.9	37	13	5.3	0.0
8/08/2023 15:00	3.6	47	14	4.8	0.0
8/08/2023 15:10	3.7	44	11	4.8	0.0
8/08/2023 15:20	3.6	43	13	4.8	0.0
8/08/2023 15:30	3.9	48	12	5.2	0.0
8/08/2023 15:40	3.6	49	13	4.8	0.0
8/08/2023 15:50	3.4	49	10	4.5	0.0
8/08/2023 16:00	3.4	48	12	4.6	0.0
8/08/2023 16:10	3.4	50	11	4.7	0.0
8/08/2023 16:20	3.7	48	13	5.4	0.0
8/08/2023 16:30	3.0	48	13	4.1	0.0
8/08/2023 16:40	2.7	52	12	3.7	0.0
8/08/2023 16:50	2.3	60	12	3.5	0.0
8/08/2023 17:00	2.4	59	13	3.4	0.0
8/08/2023 17:10	2.4	65	12	3.2	0.0
8/08/2023 17:20	2.0	64	12	2.8	0.0
8/08/2023 17:30	2.1	62	14	3.2	0.0
8/08/2023 17:40	2.5	54	14	3.3	0.0
8/08/2023 17:50	2.5	52	13	3.6	0.0
8/08/2023 18:00	2.6	60	12	3.5	0.0
8/08/2023 18:10	2.0	55	14	2.9	0.0
8/08/2023 18:20	2.0	57	11	2.7	0.0
8/08/2023 18:30	1.7	53	13	2.6	0.0
8/08/2023 18:40	1.6	60	13	2.2	0.0
8/08/2023 18:50	1.6	57	11	2.4	0.0
8/08/2023 19:00	0.9	66	18	1.6	0.0
8/08/2023 19:10	0.1	128	11	0.7	0.0
8/08/2023 19:20	0.5	207	17	1.1	0.0
8/08/2023 19:30	0.7	183	31	1.1	0.0
8/08/2023 19:40	0.8	177	28	1.4	0.0
8/08/2023 19:50	1.1	145	18	1.5	0.0
8/08/2023 20:00	0.3	117	37	1.2	0.0
8/08/2023 20:10	0.1	128	11	0.5	0.0
8/08/2023 20:20	0.6	172	8	1.2	0.0
8/08/2023 20:30	0.5	159	29	1.1	0.0
8/08/2023 20:40	0.8	153	15	1.2	0.0
8/08/2023 20:50	0.7	127	26	1.2	0.0
8/08/2023 21:00	0.1	134	7	0.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/08/2023 21:10	0.4	196	19	0.8	0.0
8/08/2023 21:20	1.0	156	15	1.4	0.0
8/08/2023 21:30	1.0	185	11	1.3	0.0
8/08/2023 21:40	1.0	211	40	1.8	0.0
8/08/2023 21:50	0.6	313	29	1.5	0.0
8/08/2023 22:00	0.1	225	6	0.5	0.0
8/08/2023 22:10					0.0
8/08/2023 22:20	0.2	156	5	0.8	0.0
8/08/2023 22:30	0.2	115	2	0.8	0.0
8/08/2023 22:40	0.2	120	5	0.6	0.0
8/08/2023 22:50					0.0
8/08/2023 23:00	0.0	189	0	0.4	0.0
8/08/2023 23:10	0.1	308	9	0.6	0.0
8/08/2023 23:20	1.0	320	10	1.3	0.0
8/08/2023 23:30	0.5	215	14	1.2	0.0
8/08/2023 23:40	0.6	314	7	0.9	0.0
8/08/2023 23:50	0.0	327	1	0.4	0.0
9/08/2023 0:00	0.0	29	1	0.4	0.0
9/08/2023 0:10					0.0
9/08/2023 0:20	0.5	324	9	1.7	0.0
9/08/2023 0:30	1.2	237	41	1.9	0.0
9/08/2023 0:40	0.4	119	12	1.1	0.0
9/08/2023 0:50	0.0	319	0	0.8	0.0
9/08/2023 1:00	1.1	303	20	1.7	0.0
9/08/2023 1:10	0.6	198	15	1.9	0.0
9/08/2023 1:20	2.5	204	41	4.0	0.0
9/08/2023 1:30	3.2	213	16	4.6	0.0
9/08/2023 1:40	3.0	199	20	4.6	0.0
9/08/2023 1:50	4.1	184	10	5.2	0.0
9/08/2023 2:00	2.5	188	20	4.4	0.0
9/08/2023 2:10	4.0	176	14	5.9	0.0
9/08/2023 2:20	2.9	202	20	4.4	0.0
9/08/2023 2:30	3.4	178	17	5.2	0.0
9/08/2023 2:40	3.0	188	13	4.2	0.0
9/08/2023 2:50	2.6	185	14	3.6	0.0
9/08/2023 3:00	1.5	25	66	2.8	0.0
9/08/2023 3:10	0.6	207	20	1.2	0.0
9/08/2023 3:20	0.8	319	49	1.4	0.0
9/08/2023 3:30	1.2	196	33	2.0	0.0
9/08/2023 3:40	1.1	292	40	1.9	0.0
9/08/2023 3:50	1.1	174	36	1.8	0.0
9/08/2023 4:00	0.4	320	40	1.3	0.0
9/08/2023 4:10	0.5	240	37	1.3	0.0
9/08/2023 4:20	1.1	327	27	1.9	0.0
9/08/2023 4:30	1.1	225	44	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/08/2023 4:40	0.6	190	49	1.3	0.0
9/08/2023 4:50	0.8	307	51	1.9	0.0
9/08/2023 5:00	1.8	85	45	2.8	0.0
9/08/2023 5:10	1.3	138	29	2.4	0.0
9/08/2023 5:20	1.2	191	44	1.6	0.0
9/08/2023 5:30	1.0	82	37	1.9	0.0
9/08/2023 5:40	1.7	112	38	3.1	0.0
9/08/2023 5:50	2.1	118	19	3.3	0.0
9/08/2023 6:00	1.3	122	36	1.8	0.0
9/08/2023 6:10	1.4	117	27	2.3	0.0
9/08/2023 6:20	2.3	136	17	3.4	0.0
9/08/2023 6:30	2.1	136	20	3.2	0.0
9/08/2023 6:40	1.9	136	17	3.0	0.0
9/08/2023 6:50	1.7	129	17	2.5	0.0
9/08/2023 7:00	2.5	144	18	3.9	0.0
9/08/2023 7:10	1.8	179	32	2.4	0.0
9/08/2023 7:20	2.2	177	47	3.8	0.0
9/08/2023 7:30	3.9	192	11	5.0	0.0
9/08/2023 7:40	3.8	185	11	5.3	0.0
9/08/2023 7:50	4.3	182	13	5.6	0.0
9/08/2023 8:00	3.2	179	14	4.7	0.0
9/08/2023 8:10	4.0	187	15	5.1	0.0
9/08/2023 8:20	4.2	186	14	5.6	0.0
9/08/2023 8:30	3.1	163	17	4.6	0.0
9/08/2023 8:40	3.2	177	15	5.1	0.0
9/08/2023 8:50	2.7	141	21	4.2	0.0
9/08/2023 9:00	2.6	107	16	3.7	0.0
9/08/2023 9:10	2.5	95	15	3.6	0.0
9/08/2023 9:20	2.3	105	15	3.2	0.0
9/08/2023 9:30	2.0	98	15	3.2	0.0
9/08/2023 9:40	2.2	107	18	3.0	0.0
9/08/2023 9:50	2.5	77	16	3.3	0.0
9/08/2023 10:00	2.1	78	20	3.2	0.0
9/08/2023 10:10	2.5	66	18	3.4	0.0
9/08/2023 10:20	2.5	63	18	3.6	0.0
9/08/2023 10:30	2.1	74	22	3.0	0.0
9/08/2023 10:40	2.3	58	19	3.1	0.0
9/08/2023 10:50	2.3	70	19	3.2	0.0
9/08/2023 11:00	2.6	59	16	3.5	0.0
9/08/2023 11:10	2.4	61	13	3.5	0.0
9/08/2023 11:20	2.5	66	16	3.2	0.0
9/08/2023 11:30	2.6	59	16	3.6	0.0
9/08/2023 11:40	2.6	67	14	3.5	0.0
9/08/2023 11:50	2.7	59	13	3.6	0.0
9/08/2023 12:00	3.0	61	12	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/08/2023 12:10	3.1	55	13	4.1	0.0
9/08/2023 12:20	3.0	62	15	4.0	0.0
9/08/2023 12:30	2.7	54	15	3.5	0.0
9/08/2023 12:40	3.1	57	15	4.1	0.0
9/08/2023 12:50	2.8	64	13	3.7	0.0
9/08/2023 13:00	2.8	57	17	3.5	0.0
9/08/2023 13:10	3.1	53	14	4.3	0.0
9/08/2023 13:20	3.1	65	14	4.0	0.0
9/08/2023 13:30	2.6	61	15	3.6	0.0
9/08/2023 13:40	2.6	61	15	3.5	0.0
9/08/2023 13:50	2.6	62	16	3.4	0.0
9/08/2023 14:00	2.3	61	13	3.1	0.0
9/08/2023 14:10	2.2	51	13	3.0	0.0
9/08/2023 14:20	2.1	63	17	3.0	0.0
9/08/2023 14:30	1.9	65	20	2.8	0.0
9/08/2023 14:40	2.0	65	20	3.2	0.0
9/08/2023 14:50	1.9	62	26	2.8	0.0
9/08/2023 15:00	2.0	56	18	2.8	0.0
9/08/2023 15:10	2.2	49	14	3.0	0.0
9/08/2023 15:20	1.8	55	18	2.6	0.0
9/08/2023 15:30	1.7	56	19	2.6	0.0
9/08/2023 15:40	1.9	51	14	2.6	0.0
9/08/2023 15:50	2.0	61	14	2.7	0.0
9/08/2023 16:00	2.0	60	15	2.8	0.0
9/08/2023 16:10	2.4	49	14	3.2	0.0
9/08/2023 16:20	2.4	43	14	3.6	0.0
9/08/2023 16:30	2.3	48	14	3.3	0.0
9/08/2023 16:40	2.4	46	14	3.3	0.0
9/08/2023 16:50	2.2	50	13	3.0	0.0
9/08/2023 17:00	2.0	52	15	3.0	0.0
9/08/2023 17:10	1.5	52	16	2.1	0.0
9/08/2023 17:20	1.6	49	14	2.3	0.0
9/08/2023 17:30	1.2	72	20	2.2	0.0
9/08/2023 17:40	1.3	58	16	2.0	0.0
9/08/2023 17:50	0.8	55	20	1.3	0.0
9/08/2023 18:00	0.0	63	2	0.5	0.0
9/08/2023 18:10	0.3	177	16	0.8	0.0
9/08/2023 18:20	1.3	324	10	1.7	0.0
9/08/2023 18:30	0.4	230	13	1.2	0.0
9/08/2023 18:40	0.4	209	22	0.9	0.0
9/08/2023 18:50	0.6	57	17	1.2	0.0
9/08/2023 19:00	0.0	81	0	0.4	0.0
9/08/2023 19:10	0.1	45	6	0.5	0.0
9/08/2023 19:20	0.5	339	11	1.1	0.0
9/08/2023 19:30	1.0	321	11	1.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/08/2023 19:40	0.2	316	13	0.8	0.0
9/08/2023 19:50	0.3	326	16	0.8	0.0
9/08/2023 20:00	1.4	316	11	1.8	0.0
9/08/2023 20:10	1.4	326	8	1.8	0.0
9/08/2023 20:20	1.4	321	10	1.8	0.0
9/08/2023 20:30	0.9	307	28	1.6	0.0
9/08/2023 20:40	0.6	308	30	1.4	0.0
9/08/2023 20:50	0.5	221	27	1.2	0.0
9/08/2023 21:00	1.1	326	17	1.6	0.0
9/08/2023 21:10	0.9	317	23	1.8	0.0
9/08/2023 21:20	0.4	293	51	0.9	0.0
9/08/2023 21:30	0.5	159	13	0.9	0.0
9/08/2023 21:40	0.4	141	13	0.9	0.0
9/08/2023 21:50	1.0	201	14	1.3	0.0
9/08/2023 22:00	1.1	173	9	1.3	0.0
9/08/2023 22:10	0.5	190	17	1.0	0.0
9/08/2023 22:20	0.3	261	11	0.9	0.0
9/08/2023 22:30	0.1	175	18	0.8	0.0
9/08/2023 22:40	0.7	326	24	1.7	0.0
9/08/2023 22:50	0.2	255	14	0.7	0.0
9/08/2023 23:00	0.3	196	16	0.7	0.0
9/08/2023 23:10	0.8	300	34	1.5	0.0
9/08/2023 23:20	1.5	105	16	2.1	0.0
9/08/2023 23:30	0.6	100	19	1.2	0.0
9/08/2023 23:40	0.0	114	0	0.4	0.0
9/08/2023 23:50	0.3	151	14	1.0	0.0
10/08/2023 0:00	0.4	180	20	0.9	0.0
10/08/2023 0:10	0.6	277	16	1.0	0.0
10/08/2023 0:20	0.4	141	22	0.8	0.0
10/08/2023 0:30	1.2	107	11	1.9	0.0
10/08/2023 0:40	0.5	161	30	1.2	0.0
10/08/2023 0:50	0.4	67	17	0.9	0.0
10/08/2023 1:00	0.7	102	22	1.2	0.0
10/08/2023 1:10	0.5	249	32	1.0	0.0
10/08/2023 1:20	0.7	292	34	1.2	0.0
10/08/2023 1:30	0.6	118	23	1.4	0.0
10/08/2023 1:40	0.2	25	11	0.9	0.0
10/08/2023 1:50	0.4	330	18	1.0	0.0
10/08/2023 2:00	0.9	287	45	1.3	0.0
10/08/2023 2:10	0.6	196	8	1.2	0.0
10/08/2023 2:20	0.5	274	16	1.5	0.0
10/08/2023 2:30	0.3	230	8	1.0	0.0
10/08/2023 2:40	0.1	100	3	0.9	0.0
10/08/2023 2:50	0.7	139	16	1.3	0.0
10/08/2023 3:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 3:10	0.6	348	10	1.1	0.0
10/08/2023 3:20	0.1	312	3	0.8	0.0
10/08/2023 3:30					0.0
10/08/2023 3:40	0.4	227	11	1.3	0.0
10/08/2023 3:50	2.3	242	17	3.2	0.0
10/08/2023 4:00	0.9	243	48	1.5	0.0
10/08/2023 4:10	0.6	54	44	1.1	0.0
10/08/2023 4:20	0.3	135	19	1.0	0.0
10/08/2023 4:30	1.1	237	55	2.3	0.0
10/08/2023 4:40	0.8	102	58	1.6	0.0
10/08/2023 4:50	0.6	216	49	1.0	0.0
10/08/2023 5:00	0.4	310	37	0.9	0.0
10/08/2023 5:10	1.1	188	48	2.0	0.0
10/08/2023 5:20	0.3	41	12	0.8	0.0
10/08/2023 5:30	0.1	10	6	0.8	0.0
10/08/2023 5:40	0.5	142	12	0.9	0.0
10/08/2023 5:50	1.3	331	16	2.0	0.0
10/08/2023 6:00	1.3	193	35	1.8	0.0
10/08/2023 6:10	0.8	111	61	1.9	0.0
10/08/2023 6:20	1.8	311	42	2.6	0.0
10/08/2023 6:30	0.9	80	76	1.6	0.0
10/08/2023 6:40	0.4	187	6	1.1	0.0
10/08/2023 6:50	1.0	313	26	2.0	0.0
10/08/2023 7:00	0.9	313	23	1.4	0.0
10/08/2023 7:10	1.1	300	38	1.9	0.0
10/08/2023 7:20	1.1	186	35	1.7	0.0
10/08/2023 7:30	0.6	321	19	0.9	0.0
10/08/2023 7:40	0.1	90	8	0.6	0.0
10/08/2023 7:50	1.0	92	32	1.7	0.0
10/08/2023 8:00	1.8	87	15	2.8	0.0
10/08/2023 8:10	2.3	107	14	3.6	0.0
10/08/2023 8:20	2.9	121	14	4.0	0.0
10/08/2023 8:30	2.9	105	14	3.9	0.0
10/08/2023 8:40	2.5	105	16	3.5	0.0
10/08/2023 8:50	2.2	97	13	3.3	0.0
10/08/2023 9:00	2.0	100	20	2.9	0.0
10/08/2023 9:10	2.4	109	20	3.4	0.0
10/08/2023 9:20	2.7	109	12	3.6	0.0
10/08/2023 9:30	2.7	113	10	3.3	0.0
10/08/2023 9:40	2.2	108	15	2.9	0.0
10/08/2023 9:50	2.0	90	23	2.7	0.0
10/08/2023 10:00	2.1	53	17	3.2	0.0
10/08/2023 10:10	2.0	50	22	2.9	0.0
10/08/2023 10:20	2.2	61	20	3.0	0.0
10/08/2023 10:30	2.2	67	15	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 10:40	2.2	48	18	3.0	0.0
10/08/2023 10:50	2.3	46	16	3.0	0.0
10/08/2023 11:00	2.0	61	20	2.7	0.0
10/08/2023 11:10	2.1	55	16	2.8	0.0
10/08/2023 11:20	2.7	60	13	3.4	0.0
10/08/2023 11:30	2.4	61	19	3.2	0.0
10/08/2023 11:40	2.6	57	15	3.4	0.0
10/08/2023 11:50	2.5	60	15	3.2	0.0
10/08/2023 12:00	2.8	63	16	3.6	0.0
10/08/2023 12:10	2.8	61	13	3.8	0.0
10/08/2023 12:20	2.8	65	16	3.9	0.0
10/08/2023 12:30	2.7	59	14	3.8	0.0
10/08/2023 12:40	3.1	55	13	4.0	0.0
10/08/2023 12:50	3.1	54	14	4.4	0.0
10/08/2023 13:00	3.6	49	13	4.9	0.0
10/08/2023 13:10	3.6	54	10	4.8	0.0
10/08/2023 13:20	3.7	46	14	4.9	0.0
10/08/2023 13:30	3.9	47	14	5.3	0.0
10/08/2023 13:40	4.0	52	12	5.5	0.0
10/08/2023 13:50	4.2	51	14	6.0	0.0
10/08/2023 14:00	4.1	45	12	5.5	0.0
10/08/2023 14:10	3.5	49	15	4.9	0.0
10/08/2023 14:20	4.0	44	14	5.4	0.0
10/08/2023 14:30	3.8	51	13	5.3	0.0
10/08/2023 14:40	3.7	50	13	5.4	0.0
10/08/2023 14:50	3.5	47	14	5.1	0.0
10/08/2023 15:00	3.5	48	14	4.7	0.0
10/08/2023 15:10	3.5	47	13	4.8	0.0
10/08/2023 15:20	3.1	57	14	4.3	0.0
10/08/2023 15:30	3.2	54	15	4.6	0.0
10/08/2023 15:40	3.0	51	13	4.2	0.0
10/08/2023 15:50	3.0	53	12	3.9	0.0
10/08/2023 16:00	2.3	62	13	3.1	0.0
10/08/2023 16:10	2.0	69	16	2.8	0.0
10/08/2023 16:20	1.5	72	18	2.1	0.0
10/08/2023 16:30	1.5	78	17	2.1	0.0
10/08/2023 16:40	1.6	59	15	2.2	0.0
10/08/2023 16:50	1.8	57	12	2.5	0.0
10/08/2023 17:00	1.7	51	13	2.3	0.0
10/08/2023 17:10	1.4	48	14	2.1	0.0
10/08/2023 17:20	0.6	48	11	1.2	0.0
10/08/2023 17:30	0.4	334	54	1.1	0.0
10/08/2023 17:40	0.6	293	17	1.6	0.0
10/08/2023 17:50	1.7	263	19	2.4	0.0
10/08/2023 18:00	1.3	290	16	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/08/2023 18:10	1.2	306	12	1.6	0.0
10/08/2023 18:20	1.2	297	18	1.7	0.0
10/08/2023 18:30	1.2	295	16	1.8	0.0
10/08/2023 18:40	1.3	283	15	2.0	0.0
10/08/2023 18:50	1.5	289	15	2.2	0.0
10/08/2023 19:00	1.5	281	14	2.2	0.0
10/08/2023 19:10	1.7	272	14	2.4	0.0
10/08/2023 19:20	1.6	269	14	2.4	0.0
10/08/2023 19:30	2.0	264	14	2.7	0.0
10/08/2023 19:40	1.7	262	20	2.5	0.0
10/08/2023 19:50	2.1	266	14	2.9	0.0
10/08/2023 20:00	1.7	251	28	2.8	0.0
10/08/2023 20:10	2.2	269	14	3.1	0.0
10/08/2023 20:20	1.7	268	22	2.5	0.0
10/08/2023 20:30	1.8	255	18	2.8	0.0
10/08/2023 20:40	1.4	251	24	2.4	0.0
10/08/2023 20:50	1.5	263	21	2.0	0.0
10/08/2023 21:00	1.6	245	19	2.2	0.0
10/08/2023 21:10	1.4	222	21	2.1	0.0
10/08/2023 21:20	1.3	258	29	2.4	0.0
10/08/2023 21:30	1.6	208	20	2.4	0.0
10/08/2023 21:40	1.4	253	24	2.3	0.0
10/08/2023 21:50	1.3	239	35	2.3	0.0
10/08/2023 22:00	1.6	211	28	2.7	0.0
10/08/2023 22:10	1.2	229	43	2.1	0.0
10/08/2023 22:20	1.2	227	41	2.1	0.0
10/08/2023 22:30	1.6	208	25	2.5	0.0
10/08/2023 22:40	0.9	243	38	2.0	0.0
10/08/2023 22:50	1.0	233	31	2.1	0.0
10/08/2023 23:00	0.9	248	30	2.0	0.0
10/08/2023 23:10	0.8	244	48	1.8	0.0
10/08/2023 23:20	0.9	258	49	1.6	0.0
10/08/2023 23:30	1.0	324	18	1.6	0.0
10/08/2023 23:40	0.8	321	17	1.6	0.0
10/08/2023 23:50	0.6	282	41	1.2	0.0
11/08/2023 0:00	0.7	186	50	1.5	0.0
11/08/2023 0:10	0.8	290	37	1.5	0.0
11/08/2023 0:20	0.6	193	33	1.9	0.0
11/08/2023 0:30	1.0	296	23	1.9	0.0
11/08/2023 0:40	1.1	262	29	2.1	0.0
11/08/2023 0:50	1.4	307	21	2.0	0.0
11/08/2023 1:00	0.9	243	47	1.7	0.0
11/08/2023 1:10	1.2	302	15	1.8	0.0
11/08/2023 1:20	1.3	265	37	2.4	0.0
11/08/2023 1:30	1.4	261	39	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 1:40	1.6	250	33	2.6	0.0
11/08/2023 1:50	0.7	304	23	1.2	0.0
11/08/2023 2:00	1.7	239	27	2.8	0.0
11/08/2023 2:10	1.3	267	44	2.5	0.0
11/08/2023 2:20	1.6	278	21	2.4	0.0
11/08/2023 2:30	1.6	289	12	2.2	0.0
11/08/2023 2:40	1.8	219	40	2.7	0.0
11/08/2023 2:50	2.4	268	39	4.4	0.0
11/08/2023 3:00	1.5	237	21	2.8	0.0
11/08/2023 3:10	1.2	319	37	2.1	0.0
11/08/2023 3:20	1.0	181	33	1.7	0.0
11/08/2023 3:30	1.7	284	25	2.7	0.0
11/08/2023 3:40	0.8	286	50	1.4	0.0
11/08/2023 3:50	1.2	321	48	2.1	0.0
11/08/2023 4:00	0.6	160	47	1.1	0.0
11/08/2023 4:10	0.6	141	13	1.6	0.0
11/08/2023 4:20	1.3	241	29	2.5	0.0
11/08/2023 4:30	1.0	281	30	2.0	0.0
11/08/2023 4:40	1.0	240	44	2.1	0.0
11/08/2023 4:50	1.3	236	24	1.8	0.0
11/08/2023 5:00	0.9	283	16	1.4	0.0
11/08/2023 5:10	0.6	290	13	1.3	0.0
11/08/2023 5:20	0.6	223	22	1.4	0.0
11/08/2023 5:30	0.8	283	15	1.2	0.0
11/08/2023 5:40	0.4	282	16	1.1	0.0
11/08/2023 5:50	0.0	322	2	0.4	0.0
11/08/2023 6:00	1.0	336	29	1.5	0.0
11/08/2023 6:10	0.3	159	6	0.9	0.0
11/08/2023 6:20	0.7	335	14	1.1	0.0
11/08/2023 6:30	0.3	137	9	0.8	0.0
11/08/2023 6:40	0.6	141	34	1.4	0.0
11/08/2023 6:50	0.2	352	15	0.9	0.0
11/08/2023 7:00	0.6	188	22	1.4	0.0
11/08/2023 7:10	0.6	133	31	1.4	0.0
11/08/2023 7:20	1.1	215	22	1.9	0.0
11/08/2023 7:30	0.8	227	22	1.3	0.0
11/08/2023 7:40	1.0	111	39	2.0	0.0
11/08/2023 7:50	1.2	304	21	1.6	0.0
11/08/2023 8:00	0.4	56	25	1.1	0.0
11/08/2023 8:10	0.3	191	4	0.8	0.0
11/08/2023 8:20	0.6	40	7	1.3	0.0
11/08/2023 8:30	0.8	93	37	2.1	0.0
11/08/2023 8:40	0.7	106	47	2.1	0.0
11/08/2023 8:50	1.2	61	44	2.2	0.0
11/08/2023 9:00	1.7	138	39	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 9:10	1.3	92	35	2.0	0.0
11/08/2023 9:20	1.3	98	35	2.0	0.0
11/08/2023 9:30	1.0	106	47	2.4	0.0
11/08/2023 9:40	1.4	140	37	2.8	0.0
11/08/2023 9:50	1.4	146	40	2.7	0.0
11/08/2023 10:00	1.4	120	51	2.4	0.0
11/08/2023 10:10	1.4	112	41	2.7	0.0
11/08/2023 10:20	1.3	121	49	2.8	0.0
11/08/2023 10:30	1.4	173	38	2.7	0.0
11/08/2023 10:40	1.1	198	38	2.0	0.0
11/08/2023 10:50	1.3	176	40	2.3	0.0
11/08/2023 11:00	1.3	195	44	2.4	0.0
11/08/2023 11:10	1.9	196	25	3.1	0.0
11/08/2023 11:20	2.6	191	20	4.0	0.0
11/08/2023 11:30	1.9	147	39	3.2	0.0
11/08/2023 11:40	1.8	168	43	3.4	0.0
11/08/2023 11:50	1.9	116	48	3.2	0.0
11/08/2023 12:00	2.9	31	15	3.6	0.0
11/08/2023 12:10	2.7	56	13	3.4	0.0
11/08/2023 12:20	2.7	65	18	3.5	0.0
11/08/2023 12:30	3.1	59	16	4.0	0.0
11/08/2023 12:40	2.8	51	14	3.7	0.0
11/08/2023 12:50	2.6	55	16	3.4	0.0
11/08/2023 13:00	2.7	54	14	3.7	0.0
11/08/2023 13:10	2.0	60	20	3.0	0.0
11/08/2023 13:20	1.9	43	25	2.4	0.0
11/08/2023 13:30	1.9	20	27	2.8	0.0
11/08/2023 13:40	2.1	144	40	3.6	0.0
11/08/2023 13:50	2.0	276	34	3.2	0.0
11/08/2023 14:00	2.2	284	26	3.2	0.0
11/08/2023 14:10	2.1	271	26	3.5	0.0
11/08/2023 14:20	2.1	262	38	3.6	0.0
11/08/2023 14:30	2.3	262	23	3.7	0.0
11/08/2023 14:40	2.3	273	22	3.4	0.0
11/08/2023 14:50	2.2	281	33	4.0	0.0
11/08/2023 15:00	2.4	282	30	3.6	0.0
11/08/2023 15:10	2.2	264	28	3.6	0.0
11/08/2023 15:20	2.5	277	25	4.0	0.0
11/08/2023 15:30	2.2	279	25	3.5	0.0
11/08/2023 15:40	2.3	267	27	3.9	0.0
11/08/2023 15:50	2.9	273	22	4.4	0.0
11/08/2023 16:00	2.8	272	25	4.1	0.0
11/08/2023 16:10	2.5	262	29	3.8	0.0
11/08/2023 16:20	2.4	273	28	3.6	0.0
11/08/2023 16:30	2.8	269	20	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/08/2023 16:40	2.5	278	22	3.7	0.0
11/08/2023 16:50	2.4	270	22	4.0	0.0
11/08/2023 17:00	2.1	276	25	3.7	0.0
11/08/2023 17:10	2.1	287	24	3.2	0.0
11/08/2023 17:20	1.8	287	25	2.8	0.0
11/08/2023 17:30	1.9	285	21	3.0	0.0
11/08/2023 17:40	2.0	289	21	3.2	0.0
11/08/2023 17:50	2.0	283	21	3.2	0.0
11/08/2023 18:00	1.9	277	26	3.4	0.0
11/08/2023 18:10	1.7	279	24	3.1	0.0
11/08/2023 18:20	1.8	284	28	3.0	0.0
11/08/2023 18:30	2.0	283	29	3.4	0.0
11/08/2023 18:40	2.0	276	23	3.6	0.0
11/08/2023 18:50	2.3	279	22	3.7	0.0
11/08/2023 19:00	2.1	278	24	3.2	0.0
11/08/2023 19:10	1.5	265	40	3.1	0.0
11/08/2023 19:20	1.3	259	59	2.6	0.0
11/08/2023 19:30	0.7	280	69	1.5	0.0
11/08/2023 19:40	0.9	279	51	2.4	0.0
11/08/2023 19:50	1.1	280	30	1.9	0.0
11/08/2023 20:00	0.8	304	46	1.6	0.0
11/08/2023 20:10	0.7	295	35	1.4	0.0
11/08/2023 20:20	0.5	256	46	1.6	0.0
11/08/2023 20:30	1.1	182	22	2.0	0.0
11/08/2023 20:40	0.7	257	58	1.9	0.0
11/08/2023 20:50	0.7	261	37	2.0	0.0
11/08/2023 21:00	1.4	274	23	2.7	0.0
11/08/2023 21:10	1.0	290	27	1.8	0.0
11/08/2023 21:20	0.6	289	36	1.6	0.0
11/08/2023 21:30	1.0	244	52	2.1	0.0
11/08/2023 21:40	1.6	249	38	3.0	0.0
11/08/2023 21:50	1.5	231	53	3.6	0.0
11/08/2023 22:00	1.7	233	61	3.3	0.0
11/08/2023 22:10	1.3	224	64	3.1	0.0
11/08/2023 22:20	2.1	204	41	3.4	0.0
11/08/2023 22:30	2.9	198	19	4.4	0.0
11/08/2023 22:40	3.6	199	12	4.8	0.0
11/08/2023 22:50	3.2	201	12	4.5	0.0
11/08/2023 23:00	2.5	199	14	3.6	0.0
11/08/2023 23:10	2.5	197	13	3.6	0.0
11/08/2023 23:20	2.6	191	13	3.6	0.0
11/08/2023 23:30	2.6	197	12	3.7	0.0
11/08/2023 23:40	2.9	196	11	4.0	0.0
11/08/2023 23:50	2.7	197	11	3.8	0.0
12/08/2023 0:00	2.5	204	10	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 0:10	2.0	212	18	3.0	0.0
12/08/2023 0:20	2.3	207	16	3.3	0.0
12/08/2023 0:30	1.8	219	36	3.3	0.0
12/08/2023 0:40	1.5	265	34	2.4	0.0
12/08/2023 0:50	1.7	282	23	2.2	0.0
12/08/2023 1:00	1.3	271	37	2.2	0.0
12/08/2023 1:10	1.8	216	36	3.2	0.0
12/08/2023 1:20	1.6	228	38	2.5	0.0
12/08/2023 1:30	1.7	291	33	2.5	0.0
12/08/2023 1:40	1.5	282	30	2.4	0.0
12/08/2023 1:50	2.0	282	8	2.4	0.0
12/08/2023 2:00	1.8	279	11	2.3	0.0
12/08/2023 2:10	1.6	279	21	2.3	0.0
12/08/2023 2:20	1.1	288	60	2.3	0.0
12/08/2023 2:30	1.2	192	55	2.4	0.0
12/08/2023 2:40	2.3	200	20	3.8	0.0
12/08/2023 2:50	3.7	196	11	5.0	0.0
12/08/2023 3:00	3.5	195	11	4.8	0.0
12/08/2023 3:10	3.4	195	11	4.6	0.0
12/08/2023 3:20	3.8	197	10	5.0	0.0
12/08/2023 3:30	3.1	197	13	4.4	0.0
12/08/2023 3:40	2.5	199	13	3.6	0.0
12/08/2023 3:50	1.6	218	26	2.6	0.0
12/08/2023 4:00	1.0	261	71	2.4	0.0
12/08/2023 4:10	1.7	208	66	3.4	0.0
12/08/2023 4:20	2.2	211	32	4.0	0.0
12/08/2023 4:30	3.3	198	16	4.8	0.0
12/08/2023 4:40	3.6	194	13	5.2	0.0
12/08/2023 4:50	4.3	194	11	5.8	0.0
12/08/2023 5:00	3.9	191	13	5.8	0.0
12/08/2023 5:10	4.0	188	13	5.6	0.0
12/08/2023 5:20	4.1	188	14	5.5	0.0
12/08/2023 5:30	4.2	192	12	5.6	0.0
12/08/2023 5:40	4.1	186	14	5.7	0.0
12/08/2023 5:50	3.5	186	13	4.9	0.0
12/08/2023 6:00	3.4	185	12	4.8	0.0
12/08/2023 6:10	3.5	184	12	5.2	0.0
12/08/2023 6:20	3.6	190	14	5.5	0.0
12/08/2023 6:30	4.1	190	13	5.7	0.0
12/08/2023 6:40	3.7	190	13	5.5	0.0
12/08/2023 6:50	3.9	192	13	5.6	0.0
12/08/2023 7:00	4.4	181	12	6.0	0.0
12/08/2023 7:10	5.1	184	11	6.8	0.0
12/08/2023 7:20	5.3	187	11	7.2	0.0
12/08/2023 7:30	5.1	190	11	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 7:40	4.7	187	13	6.4	0.0
12/08/2023 7:50	3.9	182	15	5.7	0.0
12/08/2023 8:00	2.9	186	19	4.4	0.0
12/08/2023 8:10	2.0	143	37	3.7	0.0
12/08/2023 8:20	2.2	73	23	3.4	0.0
12/08/2023 8:30	1.8	100	25	2.6	0.0
12/08/2023 8:40	1.4	75	23	2.2	0.0
12/08/2023 8:50	1.4	83	38	1.9	0.0
12/08/2023 9:00	1.5	59	15	2.1	0.0
12/08/2023 9:10	1.3	61	27	2.4	0.0
12/08/2023 9:20	2.0	51	15	2.8	0.0
12/08/2023 9:30	2.1	52	14	2.7	0.0
12/08/2023 9:40	2.1	65	18	3.1	0.0
12/08/2023 9:50	2.0	48	13	2.8	0.0
12/08/2023 10:00	1.8	62	20	2.6	0.0
12/08/2023 10:10	2.0	45	17	2.9	0.0
12/08/2023 10:20	1.6	68	27	2.5	0.0
12/08/2023 10:30	1.9	42	15	2.6	0.0
12/08/2023 10:40	1.6	48	19	2.5	0.0
12/08/2023 10:50	1.9	61	17	2.8	0.0
12/08/2023 11:00	1.7	71	24	2.3	0.0
12/08/2023 11:10	2.9	52	12	3.6	0.0
12/08/2023 11:20	2.1	64	17	2.8	0.0
12/08/2023 11:30	2.6	61	16	3.9	0.0
12/08/2023 11:40	2.2	58	16	3.0	0.0
12/08/2023 11:50	2.4	57	14	2.9	0.0
12/08/2023 12:00	2.9	55	10	3.6	0.0
12/08/2023 12:10	2.6	51	17	3.7	0.0
12/08/2023 12:20	2.1	40	21	2.9	0.0
12/08/2023 12:30	2.0	167	36	3.1	0.0
12/08/2023 12:40	1.9	308	30	3.4	0.0
12/08/2023 12:50	2.2	322	30	3.7	0.0
12/08/2023 13:00	1.7	282	43	3.3	0.0
12/08/2023 13:10	1.9	145	68	4.0	0.0
12/08/2023 13:20	3.1	45	24	4.4	0.0
12/08/2023 13:30	2.6	45	16	3.5	0.0
12/08/2023 13:40	2.9	43	21	4.4	0.0
12/08/2023 13:50	2.3	158	47	3.7	0.0
12/08/2023 14:00	1.9	330	42	3.8	0.0
12/08/2023 14:10	2.5	307	38	3.8	0.0
12/08/2023 14:20	2.4	314	31	3.6	0.0
12/08/2023 14:30	2.6	325	25	3.9	0.0
12/08/2023 14:40	3.3	340	16	4.9	0.0
12/08/2023 14:50	2.8	304	23	4.5	0.0
12/08/2023 15:00	3.1	319	20	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 15:10	4.7	327	16	6.8	0.0
12/08/2023 15:20	4.3	330	16	6.4	0.0
12/08/2023 15:30	4.6	330	12	6.5	0.0
12/08/2023 15:40	4.3	327	15	6.5	0.0
12/08/2023 15:50	4.0	312	19	6.0	0.0
12/08/2023 16:00	3.1	304	18	4.9	0.0
12/08/2023 16:10	2.7	291	22	4.4	0.0
12/08/2023 16:20	3.0	298	22	4.5	0.0
12/08/2023 16:30	2.9	292	22	4.4	0.0
12/08/2023 16:40	3.0	292	25	5.1	0.0
12/08/2023 16:50	3.4	310	20	4.8	0.0
12/08/2023 17:00	2.7	297	24	4.4	0.0
12/08/2023 17:10	3.3	302	15	4.9	0.0
12/08/2023 17:20	3.1	301	18	5.0	0.0
12/08/2023 17:30	2.6	300	28	4.6	0.0
12/08/2023 17:40	2.8	296	26	4.4	0.0
12/08/2023 17:50	2.2	296	25	3.8	0.0
12/08/2023 18:00	2.4	299	25	3.9	0.0
12/08/2023 18:10	1.7	277	36	3.0	0.0
12/08/2023 18:20	2.0	276	21	3.7	0.0
12/08/2023 18:30	1.6	265	47	3.1	0.0
12/08/2023 18:40	2.7	275	18	4.0	0.0
12/08/2023 18:50	2.5	273	27	3.9	0.0
12/08/2023 19:00	2.4	274	19	3.7	0.0
12/08/2023 19:10	2.5	279	17	3.7	0.0
12/08/2023 19:20	2.2	271	23	3.7	0.0
12/08/2023 19:30	2.7	277	21	4.2	0.0
12/08/2023 19:40	2.3	281	21	3.6	0.0
12/08/2023 19:50	2.1	277	28	3.6	0.0
12/08/2023 20:00	1.7	279	29	3.0	0.0
12/08/2023 20:10	2.4	277	22	4.0	0.0
12/08/2023 20:20	1.8	275	39	3.5	0.0
12/08/2023 20:30	1.9	278	28	3.4	0.0
12/08/2023 20:40	1.6	274	39	2.8	0.0
12/08/2023 20:50	2.0	278	40	3.6	0.0
12/08/2023 21:00	2.2	275	31	3.5	0.0
12/08/2023 21:10	1.8	269	35	3.4	0.0
12/08/2023 21:20	1.9	281	37	3.2	0.0
12/08/2023 21:30	1.4	260	48	2.6	0.0
12/08/2023 21:40	2.3	276	25	3.5	0.0
12/08/2023 21:50	2.4	279	23	3.7	0.0
12/08/2023 22:00	2.1	277	27	3.2	0.0
12/08/2023 22:10	1.8	273	39	3.5	0.0
12/08/2023 22:20	1.5	246	60	3.6	0.0
12/08/2023 22:30	1.6	259	58	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/08/2023 22:40	2.0	277	40	3.9	0.0
12/08/2023 22:50	1.4	245	61	2.5	0.0
12/08/2023 23:00	1.7	232	56	3.0	0.0
12/08/2023 23:10	1.3	220	57	2.3	0.0
12/08/2023 23:20	1.6	239	51	3.2	0.0
12/08/2023 23:30	2.1	218	33	3.9	0.0
12/08/2023 23:40	1.4	220	58	2.5	0.0
12/08/2023 23:50	1.7	209	47	3.0	0.0
13/08/2023 0:00	1.6	213	40	3.2	0.0
13/08/2023 0:10	1.7	220	47	3.3	0.0
13/08/2023 0:20	1.9	235	40	4.8	0.0
13/08/2023 0:30	1.8	220	41	3.7	0.0
13/08/2023 0:40	1.9	218	38	3.0	0.0
13/08/2023 0:50	1.8	229	42	3.6	0.0
13/08/2023 1:00	1.4	267	51	3.4	0.0
13/08/2023 1:10	1.2	218	53	2.4	0.0
13/08/2023 1:20	2.0	240	40	3.6	0.0
13/08/2023 1:30	1.9	246	45	3.9	0.0
13/08/2023 1:40	1.5	270	64	3.5	0.0
13/08/2023 1:50	1.8	206	49	3.4	0.0
13/08/2023 2:00	2.0	221	55	4.4	0.0
13/08/2023 2:10	2.8	208	31	4.8	0.0
13/08/2023 2:20	2.3	216	38	4.0	0.0
13/08/2023 2:30	2.2	218	46	4.1	0.0
13/08/2023 2:40	2.0	228	39	4.0	0.0
13/08/2023 2:50	1.8	234	59	4.1	0.0
13/08/2023 3:00	2.1	224	47	4.3	0.0
13/08/2023 3:10	2.9	204	36	5.7	0.0
13/08/2023 3:20	3.9	197	20	6.8	0.0
13/08/2023 3:30	4.8	203	22	7.2	0.0
13/08/2023 3:40	4.6	198	14	7.9	0.0
13/08/2023 3:50	3.7	206	30	6.2	0.0
13/08/2023 4:00	4.1	198	21	6.3	0.0
13/08/2023 4:10	2.6	226	45	4.8	0.0
13/08/2023 4:20	3.2	208	33	5.7	0.0
13/08/2023 4:30	2.9	210	41	6.1	0.0
13/08/2023 4:40	3.8	203	25	5.9	0.0
13/08/2023 4:50	3.2	211	37	5.6	0.0
13/08/2023 5:00	3.6	206	28	6.8	0.0
13/08/2023 5:10	4.0	198	19	6.1	0.0
13/08/2023 5:20	2.8	215	42	4.9	0.0
13/08/2023 5:30	2.5	241	44	4.9	0.0
13/08/2023 5:40	2.3	234	50	4.4	0.0
13/08/2023 5:50	2.3	239	47	4.4	0.0
13/08/2023 6:00	2.8	220	39	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 6:10	3.0	214	31	4.7	0.0
13/08/2023 6:20	3.3	201	25	5.5	0.0
13/08/2023 6:30	3.7	199	15	5.9	0.0
13/08/2023 6:40	3.9	199	15	6.0	0.0
13/08/2023 6:50	4.2	200	14	5.8	0.0
13/08/2023 7:00	4.1	201	15	6.2	0.0
13/08/2023 7:10	3.9	201	19	5.9	0.0
13/08/2023 7:20	3.8	205	17	5.7	0.0
13/08/2023 7:30	4.3	200	12	6.2	0.0
13/08/2023 7:40	4.0	202	13	5.5	0.0
13/08/2023 7:50	4.2	202	14	6.0	0.0
13/08/2023 8:00	4.0	200	16	6.0	0.0
13/08/2023 8:10	4.4	198	13	6.0	0.0
13/08/2023 8:20	4.2	200	12	5.6	0.0
13/08/2023 8:30	4.2	193	13	6.1	0.0
13/08/2023 8:40	4.2	195	14	5.9	0.0
13/08/2023 8:50	4.1	194	14	5.7	0.0
13/08/2023 9:00	4.2	195	14	6.4	0.0
13/08/2023 9:10	4.6	194	14	6.7	0.0
13/08/2023 9:20	4.9	191	15	7.3	0.0
13/08/2023 9:30	4.9	190	13	6.9	0.0
13/08/2023 9:40	4.6	187	12	6.4	0.0
13/08/2023 9:50	3.9	186	16	5.6	0.0
13/08/2023 10:00	3.3	174	16	5.2	0.0
13/08/2023 10:10	3.1	188	18	4.4	0.0
13/08/2023 10:20	2.4	183	22	4.5	0.0
13/08/2023 10:30	2.7	175	15	4.0	0.0
13/08/2023 10:40	2.0	159	34	3.6	0.0
13/08/2023 10:50	1.9	154	29	3.2	0.0
13/08/2023 11:00	3.8	72	13	5.5	0.0
13/08/2023 11:10	3.6	56	13	4.7	0.0
13/08/2023 11:20	3.2	62	14	4.0	0.0
13/08/2023 11:30	3.0	53	20	4.1	0.0
13/08/2023 11:40	2.7	51	14	4.0	0.0
13/08/2023 11:50	2.6	187	39	4.1	0.0
13/08/2023 12:00	3.0	292	22	4.5	0.0
13/08/2023 12:10	2.6	292	26	4.3	0.0
13/08/2023 12:20	2.9	276	27	4.5	0.0
13/08/2023 12:30	2.9	278	24	4.4	0.0
13/08/2023 12:40	2.9	285	23	4.3	0.0
13/08/2023 12:50	2.9	281	27	4.5	0.0
13/08/2023 13:00	3.0	276	24	4.8	0.0
13/08/2023 13:10	3.0	274	24	4.6	0.0
13/08/2023 13:20	3.0	284	27	5.1	0.0
13/08/2023 13:30	3.0	291	29	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 13:40	3.2	290	24	5.3	0.0
13/08/2023 13:50	3.4	279	20	5.0	0.0
13/08/2023 14:00	3.4	281	22	5.5	0.0
13/08/2023 14:10	3.5	275	18	5.1	0.0
13/08/2023 14:20	3.5	281	23	5.6	0.0
13/08/2023 14:30	3.4	273	21	5.2	0.0
13/08/2023 14:40	3.5	265	19	5.2	0.0
13/08/2023 14:50	3.1	275	25	5.1	0.0
13/08/2023 15:00	3.3	283	25	5.4	0.0
13/08/2023 15:10	3.4	287	23	5.4	0.0
13/08/2023 15:20	3.5	296	24	5.6	0.0
13/08/2023 15:30	3.9	293	21	5.9	0.0
13/08/2023 15:40	3.5	293	28	5.2	0.0
13/08/2023 15:50	3.5	299	24	5.6	0.0
13/08/2023 16:00	4.0	299	23	6.4	0.0
13/08/2023 16:10	3.5	293	21	5.3	0.0
13/08/2023 16:20	3.1	284	22	5.2	0.0
13/08/2023 16:30	3.3	281	22	4.9	0.0
13/08/2023 16:40	3.3	276	27	5.6	0.0
13/08/2023 16:50	2.9	275	25	5.2	0.0
13/08/2023 17:00	2.7	264	35	5.2	0.0
13/08/2023 17:10	3.1	270	24	5.9	0.0
13/08/2023 17:20	3.2	267	33	5.7	0.0
13/08/2023 17:30	3.2	264	32	5.7	0.0
13/08/2023 17:40	2.5	272	31	4.0	0.0
13/08/2023 17:50	3.3	271	31	6.0	0.0
13/08/2023 18:00	2.9	276	23	4.8	0.0
13/08/2023 18:10	2.7	277	28	4.7	0.0
13/08/2023 18:20	3.0	280	30	5.1	0.0
13/08/2023 18:30	2.4	264	50	4.7	0.0
13/08/2023 18:40	2.6	268	42	4.5	0.0
13/08/2023 18:50	2.4	273	38	4.7	0.0
13/08/2023 19:00	2.0	261	41	4.0	0.0
13/08/2023 19:10	2.3	257	42	3.9	0.0
13/08/2023 19:20	2.1	248	49	4.1	0.0
13/08/2023 19:30	1.8	237	51	4.1	0.0
13/08/2023 19:40	1.6	232	73	4.9	0.0
13/08/2023 19:50	2.2	233	51	4.5	0.0
13/08/2023 20:00	2.0	227	44	4.3	0.0
13/08/2023 20:10	2.2	227	51	4.7	0.0
13/08/2023 20:20	1.9	222	49	3.6	0.0
13/08/2023 20:30	2.0	256	45	4.5	0.0
13/08/2023 20:40	2.2	237	41	4.5	0.0
13/08/2023 20:50	2.0	218	56	4.6	0.0
13/08/2023 21:00	2.1	216	35	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/08/2023 21:10	2.0	214	43	5.0	0.0
13/08/2023 21:20	2.0	211	45	3.8	0.0
13/08/2023 21:30	2.1	214	51	5.1	0.0
13/08/2023 21:40	2.1	211	38	3.8	0.0
13/08/2023 21:50	2.7	200	28	4.7	0.0
13/08/2023 22:00	2.8	217	44	6.2	0.0
13/08/2023 22:10	3.0	205	25	5.5	0.0
13/08/2023 22:20	3.0	214	27	5.6	0.0
13/08/2023 22:30	3.2	203	25	5.5	0.0
13/08/2023 22:40	2.5	214	41	4.1	0.0
13/08/2023 22:50	2.7	221	31	5.8	0.0
13/08/2023 23:00	2.9	210	31	4.7	0.0
13/08/2023 23:10	3.2	216	30	5.7	0.0
13/08/2023 23:20	2.4	217	37	4.9	0.0
13/08/2023 23:30	2.9	211	33	5.2	0.0
13/08/2023 23:40	2.7	213	32	4.9	0.0
13/08/2023 23:50	2.8	211	33	5.2	0.0
14/08/2023 0:00	2.7	216	32	4.8	0.0
14/08/2023 0:10	1.9	188	48	3.8	0.0
14/08/2023 0:20	2.0	213	47	3.7	0.0
14/08/2023 0:30	2.4	206	38	4.4	0.0
14/08/2023 0:40	2.3	214	31	4.0	0.0
14/08/2023 0:50	2.3	203	27	4.5	0.0
14/08/2023 1:00	2.6	225	33	4.8	0.0
14/08/2023 1:10	2.1	209	44	4.0	0.0
14/08/2023 1:20	1.7	218	46	3.2	0.0
14/08/2023 1:30	1.6	203	44	3.8	0.0
14/08/2023 1:40	1.2	185	60	2.6	0.0
14/08/2023 1:50	1.2	257	59	2.3	0.0
14/08/2023 2:00	1.6	277	32	2.9	0.0
14/08/2023 2:10	1.9	294	16	2.8	0.0
14/08/2023 2:20	1.9	290	16	2.4	0.0
14/08/2023 2:30	1.7	288	20	2.7	0.0
14/08/2023 2:40	1.9	283	25	2.9	0.0
14/08/2023 2:50	1.2	253	48	2.5	0.0
14/08/2023 3:00	1.1	209	48	2.3	0.0
14/08/2023 3:10	1.5	202	48	3.1	0.0
14/08/2023 3:20	1.2	177	59	2.4	0.0
14/08/2023 3:30	1.9	211	38	3.6	0.0
14/08/2023 3:40	2.2	205	41	4.5	0.0
14/08/2023 3:50	1.9	207	39	3.3	0.0
14/08/2023 4:00	1.9	221	39	3.2	0.0
14/08/2023 4:10	2.0	212	37	4.0	0.0
14/08/2023 4:20	1.5	244	50	3.2	0.0
14/08/2023 4:30	1.1	265	44	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 4:40	1.8	308	14	2.5	0.0
14/08/2023 4:50	2.0	306	9	2.6	0.0
14/08/2023 5:00	1.7	299	10	2.4	0.0
14/08/2023 5:10	1.1	252	22	1.5	0.0
14/08/2023 5:20	1.8	221	34	3.1	0.0
14/08/2023 5:30	2.2	261	11	2.8	0.0
14/08/2023 5:40	1.7	271	10	2.1	0.0
14/08/2023 5:50	2.0	282	9	2.6	0.0
14/08/2023 6:00	2.0	274	11	2.6	0.0
14/08/2023 6:10	2.2	271	10	2.8	0.0
14/08/2023 6:20	2.4	264	10	3.1	0.0
14/08/2023 6:30	2.6	259	13	3.3	0.0
14/08/2023 6:40	2.3	259	12	3.0	0.0
14/08/2023 6:50	2.2	269	12	2.8	0.0
14/08/2023 7:00	1.8	275	13	2.4	0.0
14/08/2023 7:10	1.3	263	24	2.0	0.0
14/08/2023 7:20	1.8	274	15	2.7	0.0
14/08/2023 7:30	1.8	251	21	3.1	0.0
14/08/2023 7:40	1.8	243	23	2.8	0.0
14/08/2023 7:50	1.7	278	16	2.2	0.0
14/08/2023 8:00	1.6	269	16	2.2	0.0
14/08/2023 8:10	1.7	286	16	2.4	0.0
14/08/2023 8:20	1.5	310	21	2.0	0.0
14/08/2023 8:30	1.1	154	57	1.8	0.0
14/08/2023 8:40	1.5	170	37	2.2	0.0
14/08/2023 8:50	1.1	238	38	2.1	0.0
14/08/2023 9:00	1.3	256	32	2.4	0.0
14/08/2023 9:10	1.5	274	44	2.8	0.0
14/08/2023 9:20	2.2	274	21	3.2	0.0
14/08/2023 9:30	2.0	254	37	3.3	0.0
14/08/2023 9:40	1.7	257	45	2.8	0.0
14/08/2023 9:50	2.2	293	32	3.5	0.0
14/08/2023 10:00	2.7	292	25	4.4	0.0
14/08/2023 10:10	2.9	292	23	4.5	0.0
14/08/2023 10:20	2.8	287	23	4.9	0.0
14/08/2023 10:30	2.5	272	26	3.8	0.0
14/08/2023 10:40	3.1	280	20	4.6	0.0
14/08/2023 10:50	3.3	285	25	5.1	0.0
14/08/2023 11:00	3.0	292	20	5.0	0.0
14/08/2023 11:10	2.9	277	29	4.6	0.0
14/08/2023 11:20	2.9	271	30	4.2	0.0
14/08/2023 11:30	2.9	273	27	5.0	0.0
14/08/2023 11:40	3.2	278	23	5.1	0.0
14/08/2023 11:50	2.9	275	26	4.5	0.0
14/08/2023 12:00	2.9	276	23	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 12:10	3.2	269	21	4.5	0.0
14/08/2023 12:20	3.1	272	33	5.0	0.0
14/08/2023 12:30	2.9	270	29	5.0	0.0
14/08/2023 12:40	3.1	273	23	4.7	0.0
14/08/2023 12:50	3.3	271	32	4.8	0.0
14/08/2023 13:00	3.4	286	28	5.2	0.0
14/08/2023 13:10	3.2	279	31	5.6	0.0
14/08/2023 13:20	3.6	291	24	5.6	0.0
14/08/2023 13:30	3.5	278	24	5.5	0.0
14/08/2023 13:40	3.4	271	25	5.9	0.0
14/08/2023 13:50	3.2	269	24	5.5	0.0
14/08/2023 14:00	2.9	264	33	5.2	0.0
14/08/2023 14:10	3.5	283	27	5.3	0.0
14/08/2023 14:20	3.4	275	21	5.4	0.0
14/08/2023 14:30	3.3	271	26	5.2	0.0
14/08/2023 14:40	3.3	281	25	5.2	0.0
14/08/2023 14:50	3.1	270	27	5.2	0.0
14/08/2023 15:00	3.2	271	28	5.2	0.0
14/08/2023 15:10	3.4	270	21	5.4	0.0
14/08/2023 15:20	3.1	280	22	4.8	0.0
14/08/2023 15:30	3.6	283	23	5.7	0.0
14/08/2023 15:40	3.1	276	28	4.9	0.0
14/08/2023 15:50	3.1	274	29	5.4	0.0
14/08/2023 16:00	3.2	268	26	5.0	0.0
14/08/2023 16:10	3.2	275	22	6.1	0.0
14/08/2023 16:20	3.2	274	23	4.9	0.0
14/08/2023 16:30	3.2	274	21	5.2	0.0
14/08/2023 16:40	3.1	277	23	4.9	0.0
14/08/2023 16:50	2.8	267	29	4.9	0.0
14/08/2023 17:00	2.9	270	25	5.0	0.0
14/08/2023 17:10	3.3	273	17	5.3	0.0
14/08/2023 17:20	2.8	272	29	4.3	0.0
14/08/2023 17:30	2.6	266	31	5.1	0.0
14/08/2023 17:40	3.1	278	18	4.7	0.0
14/08/2023 17:50	3.1	274	20	4.5	0.0
14/08/2023 18:00	2.7	274	24	4.7	0.0
14/08/2023 18:10	2.1	268	38	3.9	0.0
14/08/2023 18:20	2.5	269	26	4.0	0.0
14/08/2023 18:30	2.3	274	27	4.2	0.0
14/08/2023 18:40	2.4	278	21	4.2	0.0
14/08/2023 18:50	2.7	273	22	4.0	0.0
14/08/2023 19:00	1.8	272	53	4.0	0.0
14/08/2023 19:10	1.4	253	55	2.4	0.0
14/08/2023 19:20	1.4	242	58	3.2	0.0
14/08/2023 19:30	1.1	255	63	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/08/2023 19:40	1.3	232	54	3.0	0.0
14/08/2023 19:50	1.2	205	71	2.8	0.0
14/08/2023 20:00	1.0	257	68	2.0	0.0
14/08/2023 20:10	1.3	258	42	2.2	0.0
14/08/2023 20:20	1.6	271	31	2.8	0.0
14/08/2023 20:30	0.7	226	53	1.6	0.0
14/08/2023 20:40	1.4	184	16	2.0	0.0
14/08/2023 20:50	1.1	177	45	1.7	0.0
14/08/2023 21:00	0.8	209	50	1.9	0.0
14/08/2023 21:10	1.3	191	27	2.0	0.0
14/08/2023 21:20	1.2	196	36	2.2	0.0
14/08/2023 21:30	1.9	190	18	3.1	0.0
14/08/2023 21:40	2.3	191	15	3.2	0.0
14/08/2023 21:50	2.2	200	22	3.3	0.0
14/08/2023 22:00	1.9	191	19	3.2	0.0
14/08/2023 22:10	1.9	199	23	3.2	0.0
14/08/2023 22:20	2.6	193	15	4.0	0.0
14/08/2023 22:30	2.2	192	16	3.5	0.0
14/08/2023 22:40	2.5	197	17	4.0	0.0
14/08/2023 22:50	2.2	194	17	3.2	0.0
14/08/2023 23:00	2.3	193	15	3.5	0.0
14/08/2023 23:10	2.2	191	15	3.3	0.0
14/08/2023 23:20	1.6	190	18	2.3	0.0
14/08/2023 23:30	1.7	192	18	2.8	0.0
14/08/2023 23:40	1.4	185	23	2.2	0.0
14/08/2023 23:50	0.7	177	61	1.6	0.0
15/08/2023 0:00	1.3	184	21	2.2	0.0
15/08/2023 0:10	0.7	218	48	1.5	0.0
15/08/2023 0:20	0.5	221	30	1.1	0.0
15/08/2023 0:30	0.3	176	35	1.0	0.0
15/08/2023 0:40	0.6	215	32	1.2	0.0
15/08/2023 0:50	1.1	197	21	1.7	0.0
15/08/2023 1:00	1.4	184	17	1.9	0.0
15/08/2023 1:10	1.4	184	13	2.0	0.0
15/08/2023 1:20	1.4	185	13	1.8	0.0
15/08/2023 1:30	1.1	179	26	1.9	0.0
15/08/2023 1:40	0.7	249	30	1.5	0.0
15/08/2023 1:50	1.1	338	11	1.5	0.0
15/08/2023 2:00	0.5	335	13	0.8	0.0
15/08/2023 2:10	0.3	93	28	0.8	0.0
15/08/2023 2:20	0.5	178	6	1.3	0.0
15/08/2023 2:30	0.2	157	2	0.8	0.0
15/08/2023 2:40	0.4	179	2	0.8	0.0
15/08/2023 2:50	0.3	354	19	0.9	0.0
15/08/2023 3:00	0.6	335	8	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 3:10	0.6	177	10	1.0	0.0
15/08/2023 3:20	0.4	328	17	1.6	0.0
15/08/2023 3:30	0.4	271	26	0.8	0.0
15/08/2023 3:40	0.6	206	22	1.2	0.0
15/08/2023 3:50	0.9	343	33	1.3	0.0
15/08/2023 4:00	0.0	271	1	0.5	0.0
15/08/2023 4:10	0.1	163	2	0.6	0.0
15/08/2023 4:20					0.0
15/08/2023 4:30	0.5	181	3	0.8	0.0
15/08/2023 4:40	0.7	190	10	1.0	0.0
15/08/2023 4:50	1.1	221	15	1.7	0.0
15/08/2023 5:00	0.8	138	21	1.4	0.0
15/08/2023 5:10	0.1	206	4	0.6	0.0
15/08/2023 5:20					0.0
15/08/2023 5:30	0.4	346	4	0.9	0.0
15/08/2023 5:40					0.0
15/08/2023 5:50	0.5	186	3	0.9	0.0
15/08/2023 6:00	0.9	206	8	1.2	0.0
15/08/2023 6:10	0.5	335	17	0.9	0.0
15/08/2023 6:20	0.6	2	17	2.0	0.0
15/08/2023 6:30	0.6	177	4	1.2	0.0
15/08/2023 6:40	0.3	239	13	0.8	0.0
15/08/2023 6:50	0.5	257	26	0.9	0.0
15/08/2023 7:00	1.0	211	11	1.7	0.0
15/08/2023 7:10	0.9	251	28	1.5	0.0
15/08/2023 7:20	0.8	223	30	1.2	0.0
15/08/2023 7:30	1.1	259	22	1.6	0.0
15/08/2023 7:40	1.0	287	29	1.4	0.0
15/08/2023 7:50	1.1	309	28	1.6	0.0
15/08/2023 8:00	1.7	331	18	2.7	0.0
15/08/2023 8:10	2.3	337	17	3.2	0.0
15/08/2023 8:20	2.4	329	23	3.6	0.0
15/08/2023 8:30	2.7	329	18	4.0	0.0
15/08/2023 8:40	2.8	329	18	4.0	0.0
15/08/2023 8:50	2.7	305	21	4.6	0.0
15/08/2023 9:00	3.0	332	18	4.7	0.0
15/08/2023 9:10	2.9	335	17	4.8	0.0
15/08/2023 9:20	3.5	341	14	6.0	0.0
15/08/2023 9:30	3.3	326	21	5.3	0.0
15/08/2023 9:40	3.3	342	17	5.2	0.0
15/08/2023 9:50	2.8	311	24	5.1	0.0
15/08/2023 10:00	3.6	336	17	5.6	0.0
15/08/2023 10:10	3.4	318	21	5.5	0.0
15/08/2023 10:20	3.5	326	21	5.6	0.0
15/08/2023 10:30	3.7	318	24	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 10:40	3.5	300	23	5.8	0.0
15/08/2023 10:50	3.9	316	20	6.4	0.0
15/08/2023 11:00	4.3	324	24	6.3	0.0
15/08/2023 11:10	3.4	300	23	5.7	0.0
15/08/2023 11:20	3.7	295	21	5.4	0.0
15/08/2023 11:30	3.6	288	26	5.9	0.0
15/08/2023 11:40	3.6	291	24	5.9	0.0
15/08/2023 11:50	3.6	286	27	5.8	0.0
15/08/2023 12:00	3.7	288	26	5.6	0.0
15/08/2023 12:10	3.9	294	23	6.2	0.0
15/08/2023 12:20	4.2	300	22	6.5	0.0
15/08/2023 12:30	3.6	300	26	5.7	0.0
15/08/2023 12:40	4.5	299	20	6.9	0.0
15/08/2023 12:50	3.8	306	23	6.1	0.0
15/08/2023 13:00	4.1	318	22	6.9	0.0
15/08/2023 13:10	4.9	311	22	7.0	0.0
15/08/2023 13:20	4.3	302	22	7.0	0.0
15/08/2023 13:30	4.0	300	19	6.0	0.0
15/08/2023 13:40	4.5	300	18	6.7	0.0
15/08/2023 13:50	4.0	296	22	6.4	0.0
15/08/2023 14:00	4.5	304	23	6.7	0.0
15/08/2023 14:10	3.8	306	21	6.9	0.0
15/08/2023 14:20	4.2	308	22	6.8	0.0
15/08/2023 14:30	3.8	300	21	6.0	0.0
15/08/2023 14:40	4.2	307	24	7.2	0.0
15/08/2023 14:50	3.7	296	22	6.2	0.0
15/08/2023 15:00	3.9	275	21	6.5	0.0
15/08/2023 15:10	3.8	268	26	6.3	0.0
15/08/2023 15:20	4.0	272	21	6.1	0.0
15/08/2023 15:30	4.2	279	23	6.4	0.0
15/08/2023 15:40	3.7	276	24	5.9	0.0
15/08/2023 15:50	3.7	275	26	6.0	0.0
15/08/2023 16:00	3.5	272	24	5.4	0.0
15/08/2023 16:10	3.3	278	21	5.4	0.0
15/08/2023 16:20	3.2	277	31	5.4	0.0
15/08/2023 16:30	3.7	266	29	6.0	0.0
15/08/2023 16:40	3.3	268	30	6.1	0.0
15/08/2023 16:50	3.7	269	27	5.6	0.0
15/08/2023 17:00	3.9	276	20	5.7	0.0
15/08/2023 17:10	3.7	274	23	5.7	0.0
15/08/2023 17:20	3.5	276	20	6.4	0.0
15/08/2023 17:30	3.3	274	24	4.9	0.0
15/08/2023 17:40	3.5	272	21	5.8	0.0
15/08/2023 17:50	3.4	271	24	5.3	0.0
15/08/2023 18:00	3.3	272	23	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/08/2023 18:10	3.5	276	21	5.4	0.0
15/08/2023 18:20	3.3	267	21	6.0	0.0
15/08/2023 18:30	3.3	271	21	5.5	0.0
15/08/2023 18:40	3.1	271	27	5.0	0.0
15/08/2023 18:50	2.7	271	30	4.9	0.0
15/08/2023 19:00	2.4	264	46	5.2	0.0
15/08/2023 19:10	1.6	223	70	3.2	0.0
15/08/2023 19:20	1.5	230	69	2.8	0.0
15/08/2023 19:30	2.1	255	55	4.0	0.0
15/08/2023 19:40	2.0	257	63	3.7	0.0
15/08/2023 19:50	1.8	244	52	4.0	0.0
15/08/2023 20:00	1.9	257	51	3.7	0.0
15/08/2023 20:10	2.0	254	48	3.9	0.0
15/08/2023 20:20	1.7	264	57	3.2	0.0
15/08/2023 20:30	1.9	227	63	4.1	0.0
15/08/2023 20:40	1.4	202	58	2.6	0.0
15/08/2023 20:50	2.0	263	38	4.3	0.0
15/08/2023 21:00	1.7	254	47	3.2	0.0
15/08/2023 21:10	1.4	254	50	2.4	0.0
15/08/2023 21:20	1.6	247	57	3.4	0.0
15/08/2023 21:30	1.7	248	52	3.3	0.0
15/08/2023 21:40	1.7	239	50	3.3	0.0
15/08/2023 21:50	1.5	221	66	3.0	0.0
15/08/2023 22:00	1.6	249	54	4.0	0.0
15/08/2023 22:10	0.9	242	70	1.9	0.0
15/08/2023 22:20	1.1	210	71	2.5	0.0
15/08/2023 22:30	1.3	206	63	2.7	0.0
15/08/2023 22:40	1.3	210	67	2.5	0.0
15/08/2023 22:50	1.6	165	70	3.6	0.0
15/08/2023 23:00	2.1	242	44	3.6	0.0
15/08/2023 23:10	1.5	230	63	3.6	0.0
15/08/2023 23:20	1.2	211	89	2.4	0.0
15/08/2023 23:30	1.8	231	69	3.8	0.0
15/08/2023 23:40	2.6	234	55	5.9	0.0
15/08/2023 23:50	2.4	229	49	4.9	0.0
16/08/2023 0:00	2.1	230	54	4.3	0.0
16/08/2023 0:10	2.3	254	58	4.7	0.0
16/08/2023 0:20	2.0	207	67	4.7	0.0
16/08/2023 0:30	2.5	242	48	5.7	0.0
16/08/2023 0:40	1.9	224	61	3.6	0.0
16/08/2023 0:50	2.3	209	42	4.0	0.0
16/08/2023 1:00	2.3	234	57	4.7	0.0
16/08/2023 1:10	2.1	234	50	3.8	0.0
16/08/2023 1:20	2.5	240	40	4.4	0.0
16/08/2023 1:30	2.1	227	65	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 1:40	2.0	238	52	4.2	0.0
16/08/2023 1:50	1.9	228	52	3.6	0.0
16/08/2023 2:00	1.9	229	58	3.5	0.0
16/08/2023 2:10	2.0	229	64	4.3	0.0
16/08/2023 2:20	2.0	263	52	3.6	0.0
16/08/2023 2:30	1.7	228	52	4.0	0.0
16/08/2023 2:40	1.5	184	55	2.7	0.0
16/08/2023 2:50	1.6	225	53	3.0	0.0
16/08/2023 3:00	2.0	256	54	5.0	0.0
16/08/2023 3:10	1.7	252	46	2.8	0.0
16/08/2023 3:20	1.5	218	57	4.0	0.0
16/08/2023 3:30	1.6	206	69	2.6	0.0
16/08/2023 3:40	1.9	201	55	4.4	0.0
16/08/2023 3:50	2.7	219	41	4.6	0.0
16/08/2023 4:00	2.5	203	34	4.0	0.0
16/08/2023 4:10	2.7	224	31	4.3	0.0
16/08/2023 4:20	3.0	223	36	5.6	0.0
16/08/2023 4:30	3.4	202	27	6.0	0.0
16/08/2023 4:40	3.3	205	28	5.4	0.0
16/08/2023 4:50	3.0	208	32	6.0	0.0
16/08/2023 5:00	3.3	207	28	4.9	0.0
16/08/2023 5:10	2.6	217	36	5.4	0.0
16/08/2023 5:20	2.8	208	31	5.6	0.0
16/08/2023 5:30	2.8	208	32	4.9	0.0
16/08/2023 5:40	2.7	210	27	4.8	0.0
16/08/2023 5:50	3.3	210	23	5.2	0.0
16/08/2023 6:00	2.7	211	33	4.5	0.0
16/08/2023 6:10	1.8	219	44	3.6	0.0
16/08/2023 6:20	1.9	216	46	3.6	0.0
16/08/2023 6:30	2.1	215	38	3.4	0.0
16/08/2023 6:40	2.6	214	31	4.8	0.0
16/08/2023 6:50	3.2	208	27	5.4	0.0
16/08/2023 7:00	3.7	206	19	5.7	0.0
16/08/2023 7:10	3.7	205	18	6.3	0.0
16/08/2023 7:20	4.1	201	17	6.1	0.0
16/08/2023 7:30	4.4	202	15	6.4	0.0
16/08/2023 7:40	4.0	199	16	6.8	0.0
16/08/2023 7:50	4.7	193	16	6.8	0.0
16/08/2023 8:00	5.0	192	13	6.8	0.0
16/08/2023 8:10	5.8	194	10	8.0	0.0
16/08/2023 8:20	6.2	191	12	8.2	0.0
16/08/2023 8:30	6.2	188	12	8.7	0.0
16/08/2023 8:40	5.8	190	11	7.9	0.0
16/08/2023 8:50	4.9	193	12	7.0	0.0
16/08/2023 9:00	5.5	188	13	8.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 9:10	6.2	186	12	8.9	0.0
16/08/2023 9:20	5.9	186	12	7.8	0.0
16/08/2023 9:30	5.7	185	12	8.0	0.0
16/08/2023 9:40	5.5	188	12	7.9	0.0
16/08/2023 9:50	4.8	189	13	7.1	0.0
16/08/2023 10:00	4.3	187	16	6.1	0.0
16/08/2023 10:10	3.8	183	20	5.8	0.0
16/08/2023 10:20	3.5	182	20	5.2	0.0
16/08/2023 10:30	2.8	170	23	4.4	0.0
16/08/2023 10:40	3.2	171	30	5.6	0.0
16/08/2023 10:50	3.2	174	31	5.5	0.0
16/08/2023 11:00	2.8	166	28	4.9	0.0
16/08/2023 11:10	2.4	136	28	4.8	0.0
16/08/2023 11:20	2.7	136	24	4.3	0.0
16/08/2023 11:30	2.1	124	30	3.7	0.0
16/08/2023 11:40	2.2	113	24	3.4	0.0
16/08/2023 11:50	2.1	115	34	3.2	0.0
16/08/2023 12:00	2.7	53	16	3.7	0.0
16/08/2023 12:10	2.8	60	11	3.6	0.0
16/08/2023 12:20	2.3	83	34	3.4	0.0
16/08/2023 12:30	2.1	80	28	3.8	0.0
16/08/2023 12:40	1.9	113	51	3.7	0.0
16/08/2023 12:50	1.6	54	37	2.5	0.0
16/08/2023 13:00	2.3	193	24	4.3	0.0
16/08/2023 13:10	2.4	262	37	4.5	0.0
16/08/2023 13:20	2.5	225	41	4.2	0.0
16/08/2023 13:30	2.5	201	44	4.8	0.0
16/08/2023 13:40	2.6	194	36	4.2	0.0
16/08/2023 13:50	2.5	198	23	4.8	0.0
16/08/2023 14:00	2.5	236	31	5.5	0.0
16/08/2023 14:10	4.1	268	19	6.4	0.0
16/08/2023 14:20	2.7	260	38	5.3	0.0
16/08/2023 14:30	3.5	268	32	6.1	0.0
16/08/2023 14:40	3.9	272	22	6.7	0.0
16/08/2023 14:50	4.4	279	23	7.2	0.0
16/08/2023 15:00	4.2	272	33	7.2	0.0
16/08/2023 15:10	4.4	275	25	7.5	0.0
16/08/2023 15:20	3.9	277	25	6.6	0.0
16/08/2023 15:30	4.2	273	21	6.4	0.0
16/08/2023 15:40	2.9	277	36	5.2	0.0
16/08/2023 15:50	3.5	268	39	6.2	0.0
16/08/2023 16:00	3.5	258	39	6.1	0.0
16/08/2023 16:10	3.5	258	40	5.6	0.0
16/08/2023 16:20	2.9	267	41	5.6	0.0
16/08/2023 16:30	3.3	272	37	6.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/08/2023 16:40	3.8	268	30	6.8	0.0
16/08/2023 16:50	3.3	264	39	6.6	0.0
16/08/2023 17:00	3.8	264	30	6.4	0.0
16/08/2023 17:10	3.2	267	34	5.6	0.0
16/08/2023 17:20	3.7	269	31	6.1	0.0
16/08/2023 17:30	3.9	271	26	6.3	0.0
16/08/2023 17:40	2.5	260	41	4.9	0.0
16/08/2023 17:50	3.3	271	30	6.6	0.0
16/08/2023 18:00	2.2	264	46	5.3	0.0
16/08/2023 18:10	2.6	263	33	5.1	0.0
16/08/2023 18:20	2.9	272	27	5.2	0.0
16/08/2023 18:30	2.7	255	37	5.1	0.0
16/08/2023 18:40	2.0	275	35	3.9	0.0
16/08/2023 18:50	1.8	266	39	3.4	0.0
16/08/2023 19:00	1.5	273	55	3.1	0.0
16/08/2023 19:10	1.3	255	48	2.5	0.0
16/08/2023 19:20	1.5	275	30	2.6	0.0
16/08/2023 19:30	1.6	284	23	2.5	0.0
16/08/2023 19:40	1.6	280	35	2.8	0.0
16/08/2023 19:50	1.6	244	40	3.1	0.0
16/08/2023 20:00	2.4	213	34	4.0	0.0
16/08/2023 20:10	2.2	207	35	3.6	0.0
16/08/2023 20:20	2.5	218	33	4.3	0.0
16/08/2023 20:30	2.3	220	35	4.4	0.0
16/08/2023 20:40	2.0	210	48	4.0	0.0
16/08/2023 20:50	2.6	218	31	4.4	0.0
16/08/2023 21:00	2.6	216	30	4.2	0.0
16/08/2023 21:10	2.1	231	38	3.5	0.0
16/08/2023 21:20	2.2	229	28	3.9	0.0
16/08/2023 21:30	2.4	229	26	4.0	0.0
16/08/2023 21:40	2.4	217	28	4.4	0.0
16/08/2023 21:50	3.1	210	21	5.3	0.0
16/08/2023 22:00	2.7	214	24	4.9	0.0
16/08/2023 22:10	2.7	211	25	4.3	0.0
16/08/2023 22:20	2.6	213	25	4.9	0.0
16/08/2023 22:30	3.0	208	18	4.8	0.0
16/08/2023 22:40	2.8	213	20	4.8	0.0
16/08/2023 22:50	2.7	217	23	4.4	0.0
16/08/2023 23:00	2.7	214	24	4.0	0.0
16/08/2023 23:10	2.7	212	19	4.1	0.0
16/08/2023 23:20	3.6	213	15	5.2	0.0
16/08/2023 23:30	3.2	206	20	5.1	0.0
16/08/2023 23:40	3.5	203	15	4.8	0.0
16/08/2023 23:50	3.7	203	15	5.5	0.0
17/08/2023 0:00	3.7	203	14	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 0:10	4.0	208	13	5.5	0.0
17/08/2023 0:20	3.9	201	15	5.4	0.0
17/08/2023 0:30	3.7	203	16	5.6	0.0
17/08/2023 0:40	3.0	202	16	4.4	0.0
17/08/2023 0:50	3.2	205	17	4.7	0.0
17/08/2023 1:00	3.4	204	16	5.2	0.0
17/08/2023 1:10	3.2	206	15	4.8	0.0
17/08/2023 1:20	4.2	197	16	6.0	0.0
17/08/2023 1:30	4.4	200	13	6.1	0.0
17/08/2023 1:40	4.9	204	12	6.6	0.0
17/08/2023 1:50	4.9	204	13	6.6	0.0
17/08/2023 2:00	5.3	200	12	7.0	0.0
17/08/2023 2:10	5.3	198	11	6.9	0.0
17/08/2023 2:20	5.2	200	11	7.2	0.0
17/08/2023 2:30	5.1	200	12	6.5	0.0
17/08/2023 2:40	4.8	201	11	6.7	0.0
17/08/2023 2:50	4.7	202	13	6.4	0.0
17/08/2023 3:00	4.8	201	13	6.5	0.0
17/08/2023 3:10	4.7	200	12	6.0	0.0
17/08/2023 3:20	4.4	201	13	6.0	0.0
17/08/2023 3:30	4.1	202	13	5.6	0.0
17/08/2023 3:40	3.9	200	12	5.5	0.0
17/08/2023 3:50	3.9	203	14	5.8	0.0
17/08/2023 4:00	3.4	198	14	4.5	0.0
17/08/2023 4:10	2.4	197	22	4.0	0.0
17/08/2023 4:20	2.1	187	27	3.2	0.0
17/08/2023 4:30	1.9	188	28	3.0	0.0
17/08/2023 4:40	1.8	189	24	3.2	0.0
17/08/2023 4:50	0.8	197	55	1.8	0.0
17/08/2023 5:00	0.9	183	53	1.6	0.0
17/08/2023 5:10	0.9	183	41	1.8	0.0
17/08/2023 5:20	0.8	135	58	2.0	0.0
17/08/2023 5:30	1.0	139	33	2.7	0.0
17/08/2023 5:40	1.6	126	34	2.4	0.0
17/08/2023 5:50	1.3	122	51	2.4	0.0
17/08/2023 6:00	2.2	123	30	4.5	0.0
17/08/2023 6:10	4.0	124	22	6.8	0.0
17/08/2023 6:20	3.4	134	21	5.9	0.0
17/08/2023 6:30	3.9	131	23	6.4	0.0
17/08/2023 6:40	3.6	128	21	5.9	0.0
17/08/2023 6:50	3.2	125	21	4.8	0.0
17/08/2023 7:00	2.0	152	24	3.4	0.0
17/08/2023 7:10	2.1	155	27	3.3	0.0
17/08/2023 7:20	2.1	149	26	3.6	0.0
17/08/2023 7:30	2.2	146	27	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 7:40	2.7	123	25	4.2	0.0
17/08/2023 7:50	2.4	126	29	4.1	0.0
17/08/2023 8:00	2.4	114	29	4.2	0.0
17/08/2023 8:10	2.9	98	23	4.8	0.0
17/08/2023 8:20	2.7	120	22	4.4	0.0
17/08/2023 8:30	2.6	121	16	3.9	0.0
17/08/2023 8:40	2.4	104	22	3.6	0.0
17/08/2023 8:50	3.3	82	15	4.7	0.0
17/08/2023 9:00	3.1	89	17	4.8	0.0
17/08/2023 9:10	2.8	106	23	4.8	0.0
17/08/2023 9:20	3.0	108	19	4.4	0.0
17/08/2023 9:30	2.9	102	16	4.5	0.0
17/08/2023 9:40	3.8	91	18	6.0	0.0
17/08/2023 9:50	4.6	90	18	6.9	0.0
17/08/2023 10:00	4.0	94	20	6.6	0.0
17/08/2023 10:10	4.5	92	22	6.7	0.0
17/08/2023 10:20	3.4	97	21	5.3	0.0
17/08/2023 10:30	4.7	81	14	6.6	0.0
17/08/2023 10:40	4.2	80	13	6.3	0.0
17/08/2023 10:50	3.9	78	18	5.6	0.0
17/08/2023 11:00	4.6	59	15	6.5	0.0
17/08/2023 11:10	4.8	58	14	7.1	0.0
17/08/2023 11:20	4.9	58	12	6.3	0.0
17/08/2023 11:30	4.6	58	13	6.2	0.0
17/08/2023 11:40	4.9	56	10	6.4	0.0
17/08/2023 11:50	4.7	56	12	6.6	0.0
17/08/2023 12:00	4.7	56	12	6.4	0.0
17/08/2023 12:10	4.9	60	10	6.4	0.0
17/08/2023 12:20	4.3	57	12	6.1	0.0
17/08/2023 12:30	4.3	51	14	5.8	0.0
17/08/2023 12:40	3.7	50	15	5.5	0.0
17/08/2023 12:50	4.2	48	11	6.1	0.0
17/08/2023 13:00	4.2	52	14	6.2	0.0
17/08/2023 13:10	4.3	45	14	5.8	0.0
17/08/2023 13:20	3.8	46	16	5.3	0.0
17/08/2023 13:30	4.0	48	12	5.6	0.0
17/08/2023 13:40	4.2	40	12	5.9	0.0
17/08/2023 13:50	4.2	42	12	5.8	0.0
17/08/2023 14:00	3.6	42	14	4.9	0.0
17/08/2023 14:10	3.8	44	12	4.9	0.0
17/08/2023 14:20	3.8	38	13	5.2	0.0
17/08/2023 14:30	3.9	36	14	5.6	0.0
17/08/2023 14:40	4.2	32	13	6.1	0.0
17/08/2023 14:50	4.2	36	15	6.4	0.0
17/08/2023 15:00	4.1	38	15	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 15:10	3.9	36	14	5.6	0.0
17/08/2023 15:20	3.8	38	14	5.4	0.0
17/08/2023 15:30	4.2	38	14	5.6	0.0
17/08/2023 15:40	4.2	37	15	5.7	0.0
17/08/2023 15:50	4.0	36	13	5.3	0.0
17/08/2023 16:00	3.8	41	15	5.1	0.0
17/08/2023 16:10	3.7	40	12	5.5	0.0
17/08/2023 16:20	3.4	43	15	5.0	0.0
17/08/2023 16:30	3.3	45	13	4.7	0.0
17/08/2023 16:40	2.8	46	13	3.8	0.0
17/08/2023 16:50	2.3	56	14	3.6	0.0
17/08/2023 17:00	2.1	61	14	3.2	0.0
17/08/2023 17:10	1.9	65	13	2.8	0.0
17/08/2023 17:20	1.5	82	19	2.1	0.0
17/08/2023 17:30	1.1	89	41	1.7	0.0
17/08/2023 17:40	1.5	219	27	2.8	0.0
17/08/2023 17:50	2.7	269	26	4.6	0.0
17/08/2023 18:00	2.4	290	21	4.1	0.0
17/08/2023 18:10	1.9	288	20	3.4	0.0
17/08/2023 18:20	1.7	278	27	2.7	0.0
17/08/2023 18:30	1.3	308	27	2.1	0.0
17/08/2023 18:40	1.7	271	25	2.8	0.0
17/08/2023 18:50	1.8	269	28	3.0	0.0
17/08/2023 19:00	2.0	235	25	3.0	0.0
17/08/2023 19:10	1.6	202	27	2.8	0.0
17/08/2023 19:20	1.9	202	25	3.1	0.0
17/08/2023 19:30	1.7	216	29	2.9	0.0
17/08/2023 19:40	1.5	220	37	2.8	0.0
17/08/2023 19:50	1.6	213	29	2.7	0.0
17/08/2023 20:00	1.7	202	24	3.2	0.0
17/08/2023 20:10	2.0	208	22	3.2	0.0
17/08/2023 20:20	2.3	208	20	3.5	0.0
17/08/2023 20:30	2.3	214	18	3.7	0.0
17/08/2023 20:40	2.1	210	23	3.5	0.0
17/08/2023 20:50	2.2	209	19	3.6	0.0
17/08/2023 21:00	2.5	210	23	4.3	0.0
17/08/2023 21:10	2.8	225	18	4.4	0.0
17/08/2023 21:20	2.7	246	17	4.1	0.0
17/08/2023 21:30	2.4	248	22	4.2	0.0
17/08/2023 21:40	3.7	203	18	5.2	0.0
17/08/2023 21:50	4.0	200	11	5.2	0.0
17/08/2023 22:00	4.3	199	12	5.7	0.0
17/08/2023 22:10	4.3	198	11	6.0	0.0
17/08/2023 22:20	3.9	201	13	5.6	0.0
17/08/2023 22:30	3.7	208	11	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/08/2023 22:40	3.9	207	13	5.6	0.0
17/08/2023 22:50	4.6	209	12	6.4	0.0
17/08/2023 23:00	5.0	205	11	6.9	0.0
17/08/2023 23:10	5.4	207	11	6.8	0.0
17/08/2023 23:20	4.2	196	13	6.0	0.0
17/08/2023 23:30	3.5	185	10	5.0	0.0
17/08/2023 23:40	3.9	189	10	5.2	0.0
17/08/2023 23:50	3.5	182	11	4.8	0.0
18/08/2023 0:00	3.9	191	12	5.6	0.0
18/08/2023 0:10	3.7	191	12	5.4	0.0
18/08/2023 0:20	4.1	193	10	5.8	0.0
18/08/2023 0:30	4.3	194	10	5.9	0.0
18/08/2023 0:40	3.8	191	14	5.1	0.0
18/08/2023 0:50	4.2	195	10	5.7	0.0
18/08/2023 1:00	3.8	199	8	4.8	0.0
18/08/2023 1:10	3.9	203	10	5.0	0.0
18/08/2023 1:20	3.3	204	12	4.5	0.0
18/08/2023 1:30	3.3	199	10	4.1	0.0
18/08/2023 1:40	2.2	188	22	3.2	0.0
18/08/2023 1:50	1.8	167	24	3.7	0.0
18/08/2023 2:00	1.8	159	35	3.0	0.0
18/08/2023 2:10	2.5	139	22	4.3	0.0
18/08/2023 2:20	3.1	142	25	5.3	0.0
18/08/2023 2:30	2.5	129	37	4.8	0.0
18/08/2023 2:40	2.4	121	38	5.1	0.0
18/08/2023 2:50	2.1	119	42	3.7	0.0
18/08/2023 3:00	1.6	132	37	3.1	0.0
18/08/2023 3:10	1.9	93	49	5.6	0.0
18/08/2023 3:20	2.3	97	29	4.4	0.0
18/08/2023 3:30	3.1	106	38	5.6	0.0
18/08/2023 3:40	3.4	115	33	6.8	0.0
18/08/2023 3:50	3.8	111	29	6.0	0.0
18/08/2023 4:00	4.1	105	29	7.3	0.0
18/08/2023 4:10	3.4	110	30	6.0	0.0
18/08/2023 4:20	3.2	109	30	6.0	0.0
18/08/2023 4:30	3.7	117	31	6.4	0.0
18/08/2023 4:40	3.7	111	26	8.3	0.0
18/08/2023 4:50	4.0	119	28	7.4	0.0
18/08/2023 5:00	3.8	108	32	6.8	0.0
18/08/2023 5:10	3.6	115	25	6.7	0.0
18/08/2023 5:20	3.8	120	28	6.6	0.0
18/08/2023 5:30	3.6	108	30	6.5	0.0
18/08/2023 5:40	3.4	105	25	6.4	0.0
18/08/2023 5:50	3.6	113	23	6.8	0.0
18/08/2023 6:00	3.6	117	25	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 6:10	3.8	121	30	6.4	0.0
18/08/2023 6:20	3.9	112	28	6.0	0.0
18/08/2023 6:30	3.9	109	27	7.1	0.0
18/08/2023 6:40	3.4	111	28	6.0	0.0
18/08/2023 6:50	3.2	108	30	5.6	0.0
18/08/2023 7:00	3.2	100	27	6.0	0.0
18/08/2023 7:10	3.7	90	20	5.4	0.0
18/08/2023 7:20	3.8	89	21	6.0	0.0
18/08/2023 7:30	4.1	95	25	7.4	0.0
18/08/2023 7:40	3.9	86	18	6.3	0.0
18/08/2023 7:50	5.1	80	12	7.2	0.0
18/08/2023 8:00	4.8	85	15	7.5	0.0
18/08/2023 8:10	4.5	89	19	8.1	0.0
18/08/2023 8:20	4.1	91	21	7.5	0.0
18/08/2023 8:30	4.4	99	24	7.6	0.0
18/08/2023 8:40	4.5	96	22	7.5	0.0
18/08/2023 8:50	5.0	95	19	8.0	0.0
18/08/2023 9:00	6.1	84	13	8.4	0.0
18/08/2023 9:10	6.9	83	13	9.5	0.0
18/08/2023 9:20	6.3	87	15	9.2	0.0
18/08/2023 9:30	6.0	84	14	8.2	0.0
18/08/2023 9:40	6.2	86	14	9.1	0.0
18/08/2023 9:50	6.2	86	13	8.6	0.0
18/08/2023 10:00	6.1	85	15	8.7	0.0
18/08/2023 10:10	5.7	85	13	7.9	0.0
18/08/2023 10:20	5.3	82	16	7.2	0.0
18/08/2023 10:30	5.3	80	13	7.5	0.0
18/08/2023 10:40	5.8	81	13	7.6	0.0
18/08/2023 10:50	5.9	81	15	8.5	0.0
18/08/2023 11:00	5.7	75	13	8.3	0.0
18/08/2023 11:10	5.8	79	14	7.8	0.0
18/08/2023 11:20	5.6	67	14	8.3	0.0
18/08/2023 11:30	5.3	65	14	7.3	0.0
18/08/2023 11:40	5.1	64	14	7.5	0.0
18/08/2023 11:50	4.8	62	15	7.2	0.0
18/08/2023 12:00	5.2	59	14	7.4	0.0
18/08/2023 12:10	4.9	62	13	7.5	0.0
18/08/2023 12:20	5.2	58	13	7.7	0.0
18/08/2023 12:30	5.4	57	12	7.5	0.0
18/08/2023 12:40	5.4	57	11	7.3	0.0
18/08/2023 12:50	5.5	58	11	6.9	0.0
18/08/2023 13:00	5.3	58	11	6.7	0.0
18/08/2023 13:10	5.3	58	9	6.8	0.0
18/08/2023 13:20	4.5	59	13	6.3	0.0
18/08/2023 13:30	3.9	56	13	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 13:40	3.7	58	14	5.2	0.0
18/08/2023 13:50	3.6	52	15	4.8	0.0
18/08/2023 14:00	3.8	62	11	4.9	0.0
18/08/2023 14:10	3.5	50	13	4.7	0.0
18/08/2023 14:20	3.4	46	15	5.0	0.0
18/08/2023 14:30	3.1	46	14	4.4	0.0
18/08/2023 14:40	3.0	57	13	4.0	0.0
18/08/2023 14:50	3.2	54	13	4.3	0.0
18/08/2023 15:00	3.4	62	9	4.1	0.0
18/08/2023 15:10	2.7	57	14	4.0	0.0
18/08/2023 15:20	2.8	56	12	3.9	0.0
18/08/2023 15:30	2.7	55	12	3.5	0.0
18/08/2023 15:40	2.6	63	12	3.6	0.0
18/08/2023 15:50	2.8	55	14	3.9	0.0
18/08/2023 16:00	2.3	52	16	3.6	0.0
18/08/2023 16:10	2.1	60	19	3.0	0.0
18/08/2023 16:20	1.9	63	22	2.8	0.0
18/08/2023 16:30	1.7	59	22	2.7	0.0
18/08/2023 16:40	1.5	66	16	2.2	0.0
18/08/2023 16:50	2.0	44	13	2.6	0.0
18/08/2023 17:00	1.7	43	17	2.6	0.0
18/08/2023 17:10	2.1	26	21	3.5	0.0
18/08/2023 17:20	1.2	59	21	2.0	0.0
18/08/2023 17:30	1.0	88	20	1.3	0.0
18/08/2023 17:40	1.0	235	32	1.9	0.0
18/08/2023 17:50	1.8	334	17	2.4	0.0
18/08/2023 18:00	1.6	340	13	2.7	0.0
18/08/2023 18:10	1.9	336	9	2.4	0.0
18/08/2023 18:20	1.9	329	9	2.3	0.0
18/08/2023 18:30	1.7	328	9	2.3	0.0
18/08/2023 18:40	1.8	321	11	2.6	0.0
18/08/2023 18:50	1.6	318	14	2.1	0.0
18/08/2023 19:00	1.5	313	15	2.4	0.0
18/08/2023 19:10	1.3	307	14	1.8	0.0
18/08/2023 19:20	1.3	307	22	2.0	0.0
18/08/2023 19:30	1.2	279	20	1.9	0.0
18/08/2023 19:40	1.1	300	18	1.9	0.0
18/08/2023 19:50	1.5	310	13	2.1	0.0
18/08/2023 20:00	0.6	304	13	1.2	0.0
18/08/2023 20:10	0.7	283	13	1.2	0.0
18/08/2023 20:20	0.8	295	15	1.2	0.0
18/08/2023 20:30	0.4	289	16	1.1	0.0
18/08/2023 20:40	0.2	241	9	0.9	0.0
18/08/2023 20:50	0.1	166	0	0.6	0.0
18/08/2023 21:00	0.3	91	14	0.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/08/2023 21:10	0.8	82	8	1.0	0.0
18/08/2023 21:20	0.6	73	7	1.1	0.0
18/08/2023 21:30	0.2	20	8	0.8	0.0
18/08/2023 21:40	0.3	13	14	0.8	0.0
18/08/2023 21:50	1.1	315	15	2.2	0.0
18/08/2023 22:00	0.8	252	34	1.4	0.0
18/08/2023 22:10	1.5	161	7	1.7	0.0
18/08/2023 22:20	0.8	122	26	1.6	0.0
18/08/2023 22:30	1.3	102	13	1.6	0.0
18/08/2023 22:40	1.3	106	14	1.9	0.0
18/08/2023 22:50	1.4	112	15	2.1	0.0
18/08/2023 23:00	2.4	146	15	3.4	0.0
18/08/2023 23:10	2.9	167	13	4.0	0.0
18/08/2023 23:20	3.0	149	14	4.7	0.0
18/08/2023 23:30	2.6	153	17	4.0	0.0
18/08/2023 23:40	2.8	155	17	4.1	0.0
18/08/2023 23:50	3.0	157	16	4.1	0.0
19/08/2023 0:00	2.4	154	22	3.9	0.0
19/08/2023 0:10	2.3	143	24	3.4	0.0
19/08/2023 0:20	2.1	121	25	3.6	0.0
19/08/2023 0:30	2.4	131	21	4.2	0.0
19/08/2023 0:40	2.2	127	26	4.4	0.0
19/08/2023 0:50	2.6	130	28	4.0	0.0
19/08/2023 1:00	2.7	109	31	5.1	0.0
19/08/2023 1:10	2.9	110	29	5.1	0.0
19/08/2023 1:20	3.4	119	33	6.0	0.0
19/08/2023 1:30	3.4	124	21	5.9	0.0
19/08/2023 1:40	3.6	119	21	5.5	0.0
19/08/2023 1:50	3.3	115	26	6.0	0.0
19/08/2023 2:00	3.0	110	26	5.4	0.0
19/08/2023 2:10	3.3	119	25	6.0	0.0
19/08/2023 2:20	3.5	117	22	6.0	0.0
19/08/2023 2:30	3.2	110	25	5.7	0.0
19/08/2023 2:40	3.2	112	22	5.5	0.0
19/08/2023 2:50	3.1	108	22	5.2	0.0
19/08/2023 3:00	3.0	110	22	5.1	0.0
19/08/2023 3:10	2.5	109	22	4.4	0.0
19/08/2023 3:20	3.2	98	19	5.2	0.0
19/08/2023 3:30	3.0	106	22	5.5	0.0
19/08/2023 3:40	2.9	109	22	4.6	0.0
19/08/2023 3:50	4.0	99	24	6.7	0.0
19/08/2023 4:00	3.8	105	24	6.4	0.0
19/08/2023 4:10	4.0	107	19	6.9	0.0
19/08/2023 4:20	3.3	116	21	5.2	0.0
19/08/2023 4:30	3.4	115	24	5.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 4:40	3.7	116	27	6.1	0.0
19/08/2023 4:50	3.7	111	23	6.0	0.0
19/08/2023 5:00	3.5	113	21	6.0	0.0
19/08/2023 5:10	3.1	109	26	4.8	0.0
19/08/2023 5:20	3.3	114	23	5.0	0.0
19/08/2023 5:30	3.2	106	24	5.2	0.0
19/08/2023 5:40	3.8	114	23	6.4	0.0
19/08/2023 5:50	3.6	114	23	6.4	0.0
19/08/2023 6:00	3.8	114	23	6.4	0.0
19/08/2023 6:10	3.5	119	20	5.2	0.0
19/08/2023 6:20	3.6	116	24	5.6	0.0
19/08/2023 6:30	3.9	115	23	6.6	0.0
19/08/2023 6:40	3.4	114	22	5.8	0.0
19/08/2023 6:50	3.7	115	25	6.0	0.0
19/08/2023 7:00	3.9	120	26	6.8	0.0
19/08/2023 7:10	4.0	113	33	7.4	0.0
19/08/2023 7:20	3.8	111	37	7.9	0.0
19/08/2023 7:30	3.9	121	27	6.8	0.0
19/08/2023 7:40	3.4	112	27	6.4	0.0
19/08/2023 7:50	3.4	107	26	5.9	0.0
19/08/2023 8:00	3.6	115	25	6.3	0.0
19/08/2023 8:10	3.9	120	28	6.0	0.0
19/08/2023 8:20	3.6	117	26	6.4	0.0
19/08/2023 8:30	3.6	108	26	6.6	0.0
19/08/2023 8:40	3.8	110	29	6.3	0.0
19/08/2023 8:50	3.7	101	21	5.6	0.0
19/08/2023 9:00	3.1	103	32	5.6	0.0
19/08/2023 9:10	3.1	92	23	4.9	0.0
19/08/2023 9:20	4.0	84	14	6.0	0.0
19/08/2023 9:30	4.6	84	14	6.4	0.0
19/08/2023 9:40	4.1	87	14	5.9	0.0
19/08/2023 9:50	4.2	83	14	5.8	0.0
19/08/2023 10:00	3.8	88	14	5.3	0.0
19/08/2023 10:10	3.7	74	13	5.2	0.0
19/08/2023 10:20	3.4	72	15	5.2	0.0
19/08/2023 10:30	4.0	61	12	5.4	0.0
19/08/2023 10:40	3.3	72	16	5.1	0.0
19/08/2023 10:50	3.5	58	14	5.2	0.0
19/08/2023 11:00	3.6	59	15	5.4	0.0
19/08/2023 11:10	3.7	74	14	5.2	0.0
19/08/2023 11:20	3.3	75	14	4.5	0.0
19/08/2023 11:30	2.6	66	16	3.6	0.0
19/08/2023 11:40	2.8	55	14	3.9	0.0
19/08/2023 11:50	3.7	57	10	4.6	0.0
19/08/2023 12:00	2.8	56	16	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 12:10	3.0	59	14	4.1	0.0
19/08/2023 12:20	3.6	55	11	4.4	0.0
19/08/2023 12:30	3.4	56	11	4.7	0.0
19/08/2023 12:40	3.8	62	10	4.9	0.0
19/08/2023 12:50	3.6	58	12	4.8	0.0
19/08/2023 13:00	3.3	63	11	4.3	0.0
19/08/2023 13:10	3.6	60	11	4.6	0.0
19/08/2023 13:20	3.5	63	11	4.8	0.0
19/08/2023 13:30	2.8	50	15	3.9	0.0
19/08/2023 13:40	3.1	47	13	4.3	0.0
19/08/2023 13:50	3.1	55	14	4.1	0.0
19/08/2023 14:00	2.8	48	18	4.0	0.0
19/08/2023 14:10	3.0	45	15	4.0	0.0
19/08/2023 14:20	3.3	45	14	4.4	0.0
19/08/2023 14:30	3.5	43	14	4.8	0.0
19/08/2023 14:40	3.8	44	12	5.2	0.0
19/08/2023 14:50	3.5	44	14	4.7	0.0
19/08/2023 15:00	3.6	40	15	5.0	0.0
19/08/2023 15:10	3.5	38	14	5.1	0.0
19/08/2023 15:20	3.3	44	13	4.8	0.0
19/08/2023 15:30	3.3	47	13	4.5	0.0
19/08/2023 15:40	3.3	46	11	4.4	0.0
19/08/2023 15:50	2.9	46	15	3.9	0.0
19/08/2023 16:00	3.0	43	12	4.0	0.0
19/08/2023 16:10	3.1	45	14	4.8	0.0
19/08/2023 16:20	2.8	46	13	3.8	0.0
19/08/2023 16:30	2.7	44	16	4.4	0.0
19/08/2023 16:40	2.6	51	14	3.6	0.0
19/08/2023 16:50	2.7	45	12	3.9	0.0
19/08/2023 17:00	2.4	30	16	4.3	0.0
19/08/2023 17:10	2.7	30	19	4.3	0.0
19/08/2023 17:20	1.9	39	16	3.0	0.0
19/08/2023 17:30	1.9	27	15	3.0	0.0
19/08/2023 17:40	2.1	41	15	3.1	0.0
19/08/2023 17:50	1.3	76	17	1.9	0.0
19/08/2023 18:00	0.6	92	18	1.2	0.0
19/08/2023 18:10	0.7	188	7	1.4	0.0
19/08/2023 18:20	1.0	168	9	1.3	0.0
19/08/2023 18:30	0.3	175	16	0.8	0.0
19/08/2023 18:40					0.0
19/08/2023 18:50					0.0
19/08/2023 19:00					0.0
19/08/2023 19:10	0.0	167	0	0.4	0.0
19/08/2023 19:20	0.4	152	17	1.0	0.0
19/08/2023 19:30	1.0	185	8	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/08/2023 19:40	1.0	231	29	1.5	0.0
19/08/2023 19:50	0.6	313	12	1.1	0.0
19/08/2023 20:00	0.4	192	11	0.8	0.0
19/08/2023 20:10					0.0
19/08/2023 20:20					0.0
19/08/2023 20:30					0.0
19/08/2023 20:40	0.2	262	12	0.9	0.0
19/08/2023 20:50	0.1	18	10	0.8	0.0
19/08/2023 21:00	0.2	157	8	0.8	0.0
19/08/2023 21:10	0.7	119	18	0.9	0.0
19/08/2023 21:20	0.8	136	17	1.1	0.0
19/08/2023 21:30	0.8	123	13	1.1	0.0
19/08/2023 21:40	1.0	149	16	1.4	0.0
19/08/2023 21:50	1.0	175	19	1.8	0.0
19/08/2023 22:00	0.9	178	15	1.2	0.0
19/08/2023 22:10	0.6	180	9	0.9	0.0
19/08/2023 22:20	0.7	182	8	1.2	0.0
19/08/2023 22:30	0.4	210	41	0.9	0.0
19/08/2023 22:40	1.2	222	7	1.8	0.0
19/08/2023 22:50	2.7	211	7	3.6	0.0
19/08/2023 23:00	3.3	212	15	5.1	0.0
19/08/2023 23:10	3.2	211	17	4.3	0.0
19/08/2023 23:20	2.9	208	16	4.4	0.0
19/08/2023 23:30	3.0	202	17	4.7	0.0
19/08/2023 23:40	3.3	200	14	4.7	0.0
19/08/2023 23:50	3.1	203	13	4.3	0.0
20/08/2023 0:00	2.1	199	15	3.2	0.0
20/08/2023 0:10	1.0	60	48	2.0	0.0
20/08/2023 0:20	1.0	55	54	1.7	0.0
20/08/2023 0:30	2.7	188	28	4.3	0.0
20/08/2023 0:40	5.0	182	8	6.4	0.0
20/08/2023 0:50	5.2	181	11	7.5	0.0
20/08/2023 1:00	6.1	179	10	8.1	0.0
20/08/2023 1:10	5.5	180	11	7.5	0.0
20/08/2023 1:20	6.0	181	11	8.1	0.0
20/08/2023 1:30	5.7	181	9	7.9	0.0
20/08/2023 1:40	5.6	182	10	7.7	0.0
20/08/2023 1:50	5.3	187	12	7.0	0.0
20/08/2023 2:00	4.9	185	11	6.6	0.0
20/08/2023 2:10	4.6	185	13	6.0	0.0
20/08/2023 2:20	4.8	182	12	6.7	0.0
20/08/2023 2:30	5.1	190	10	6.7	0.0
20/08/2023 2:40	4.6	192	11	6.4	0.0
20/08/2023 2:50	4.6	194	10	6.2	0.0
20/08/2023 3:00	4.8	194	12	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 3:10	5.5	195	10	7.5	0.0
20/08/2023 3:20	4.9	193	12	6.6	0.0
20/08/2023 3:30	5.1	194	12	6.8	0.0
20/08/2023 3:40	4.7	196	11	6.8	0.0
20/08/2023 3:50	5.2	194	12	7.5	0.0
20/08/2023 4:00	5.1	194	14	7.3	0.0
20/08/2023 4:10	4.9	198	14	6.8	0.0
20/08/2023 4:20	4.7	195	13	6.8	0.0
20/08/2023 4:30	4.3	196	13	6.4	0.0
20/08/2023 4:40	4.2	191	13	6.0	0.0
20/08/2023 4:50	4.7	196	12	6.3	0.0
20/08/2023 5:00	4.3	192	14	5.8	0.0
20/08/2023 5:10	5.0	192	11	6.8	0.0
20/08/2023 5:20	5.2	190	12	7.2	0.0
20/08/2023 5:30	5.7	193	11	7.9	0.0
20/08/2023 5:40	6.0	192	11	8.1	0.0
20/08/2023 5:50	5.8	194	9	7.6	0.0
20/08/2023 6:00	5.6	194	9	7.0	0.0
20/08/2023 6:10	5.7	195	10	7.1	0.0
20/08/2023 6:20	5.3	195	12	7.3	0.0
20/08/2023 6:30	5.3	194	11	6.7	0.0
20/08/2023 6:40	5.8	195	10	7.5	0.0
20/08/2023 6:50	5.7	195	10	7.5	0.0
20/08/2023 7:00	5.9	195	11	7.7	0.0
20/08/2023 7:10	5.6	197	11	7.7	0.0
20/08/2023 7:20	5.9	197	11	7.8	0.0
20/08/2023 7:30	5.0	198	12	6.7	0.0
20/08/2023 7:40	4.6	201	16	6.4	0.0
20/08/2023 7:50	4.0	195	14	5.6	0.0
20/08/2023 8:00	4.0	198	16	6.2	0.0
20/08/2023 8:10	4.1	197	14	6.0	0.0
20/08/2023 8:20	3.3	194	16	5.0	0.0
20/08/2023 8:30	2.4	181	25	4.2	0.0
20/08/2023 8:40	2.1	122	24	3.4	0.0
20/08/2023 8:50	2.3	144	25	3.7	0.0
20/08/2023 9:00	2.6	122	24	4.4	0.0
20/08/2023 9:10	2.3	112	22	3.7	0.0
20/08/2023 9:20	1.9	105	22	3.2	0.0
20/08/2023 9:30	2.3	73	24	3.7	0.0
20/08/2023 9:40	2.0	84	27	2.8	0.0
20/08/2023 9:50	2.0	51	13	2.8	0.0
20/08/2023 10:00	1.4	83	34	2.3	0.0
20/08/2023 10:10	1.8	67	22	2.4	0.0
20/08/2023 10:20	1.7	50	15	2.3	0.0
20/08/2023 10:30	1.7	45	20	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 10:40	1.3	49	20	2.0	0.0
20/08/2023 10:50	2.2	59	22	3.7	0.0
20/08/2023 11:00	1.5	52	23	2.7	0.0
20/08/2023 11:10	2.3	61	15	3.5	0.0
20/08/2023 11:20	1.7	72	23	2.4	0.0
20/08/2023 11:30	1.7	62	24	2.9	0.0
20/08/2023 11:40	2.2	56	12	2.9	0.0
20/08/2023 11:50	1.5	84	20	2.1	0.0
20/08/2023 12:00	2.0	65	17	3.2	0.0
20/08/2023 12:10	2.3	63	13	3.5	0.0
20/08/2023 12:20	2.4	61	14	3.4	0.0
20/08/2023 12:30	2.1	71	19	2.9	0.0
20/08/2023 12:40	2.4	61	14	3.1	0.0
20/08/2023 12:50	2.9	59	10	3.7	0.0
20/08/2023 13:00	2.8	53	15	3.8	0.0
20/08/2023 13:10	3.6	48	11	4.6	0.0
20/08/2023 13:20	3.0	47	13	4.2	0.0
20/08/2023 13:30	3.4	44	12	4.8	0.0
20/08/2023 13:40	3.6	47	12	4.7	0.0
20/08/2023 13:50	3.7	46	10	4.9	0.0
20/08/2023 14:00	3.5	55	10	4.5	0.0
20/08/2023 14:10	3.3	55	10	4.2	0.0
20/08/2023 14:20	3.3	55	11	4.1	0.0
20/08/2023 14:30	3.2	55	12	4.3	0.0
20/08/2023 14:40	3.9	45	11	5.1	0.0
20/08/2023 14:50	3.4	49	11	4.4	0.0
20/08/2023 15:00	3.1	44	20	4.5	0.0
20/08/2023 15:10	3.5	52	14	4.7	0.0
20/08/2023 15:20	3.3	47	11	4.8	0.0
20/08/2023 15:30	3.7	192	18	5.6	0.0
20/08/2023 15:40	3.5	337	16	4.8	0.0
20/08/2023 15:50	3.1	336	18	5.0	0.0
20/08/2023 16:00	2.7	330	17	3.9	0.0
20/08/2023 16:10	3.3	332	16	4.4	0.0
20/08/2023 16:20	3.7	342	10	5.1	0.0
20/08/2023 16:30	3.3	332	14	4.7	0.0
20/08/2023 16:40	2.7	316	20	4.0	0.0
20/08/2023 16:50	2.8	312	19	4.2	0.0
20/08/2023 17:00	2.2	295	20	3.6	0.0
20/08/2023 17:10	2.2	282	21	3.9	0.0
20/08/2023 17:20	2.6	257	22	4.0	0.0
20/08/2023 17:30	2.5	279	23	4.3	0.0
20/08/2023 17:40	2.3	290	27	3.6	0.0
20/08/2023 17:50	2.1	306	27	3.3	0.0
20/08/2023 18:00	2.0	332	16	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/08/2023 18:10	2.3	327	13	3.0	0.0
20/08/2023 18:20	2.2	299	20	3.2	0.0
20/08/2023 18:30	1.9	281	28	3.6	0.0
20/08/2023 18:40	2.3	273	25	3.6	0.0
20/08/2023 18:50	1.7	265	40	2.8	0.0
20/08/2023 19:00	2.1	276	32	3.8	0.0
20/08/2023 19:10	2.2	273	23	3.2	0.0
20/08/2023 19:20	1.4	234	52	3.0	0.0
20/08/2023 19:30	1.3	246	68	2.4	0.0
20/08/2023 19:40	0.8	232	60	2.0	0.0
20/08/2023 19:50	0.9	250	61	2.4	0.0
20/08/2023 20:00	0.9	256	53	2.0	0.0
20/08/2023 20:10	0.9	205	40	1.9	0.0
20/08/2023 20:20	0.9	212	42	1.9	0.0
20/08/2023 20:30	1.2	245	40	2.4	0.0
20/08/2023 20:40	1.4	256	51	2.9	0.0
20/08/2023 20:50	1.7	269	36	3.1	0.0
20/08/2023 21:00	1.6	277	24	2.6	0.0
20/08/2023 21:10	1.5	264	40	2.4	0.0
20/08/2023 21:20	1.3	277	45	2.6	0.0
20/08/2023 21:30	1.4	263	46	2.8	0.0
20/08/2023 21:40	1.0	181	66	2.0	0.0
20/08/2023 21:50	0.8	140	83	1.5	0.0
20/08/2023 22:00	0.9	153	55	1.7	0.0
20/08/2023 22:10	0.7	72	67	1.4	0.0
20/08/2023 22:20	0.5	183	54	1.3	0.0
20/08/2023 22:30	1.1	276	36	2.0	0.0
20/08/2023 22:40	1.7	259	21	3.1	0.0
20/08/2023 22:50	1.6	260	25	2.6	0.0
20/08/2023 23:00	2.3	224	28	3.8	0.0
20/08/2023 23:10	2.7	212	20	4.1	0.0
20/08/2023 23:20	2.5	214	20	3.6	0.0
20/08/2023 23:30	2.5	216	16	4.3	0.0
20/08/2023 23:40	2.9	210	14	4.5	0.0
20/08/2023 23:50	2.8	202	15	4.5	0.0
21/08/2023 0:00	3.6	201	11	4.8	0.0
21/08/2023 0:10	4.0	195	12	6.0	0.0
21/08/2023 0:20	3.7	195	12	4.8	0.0
21/08/2023 0:30	3.6	200	13	5.5	0.0
21/08/2023 0:40	4.3	198	12	6.1	0.0
21/08/2023 0:50	4.1	194	12	6.8	0.0
21/08/2023 1:00	4.3	194	11	6.0	0.0
21/08/2023 1:10	4.2	195	11	5.6	0.0
21/08/2023 1:20	3.4	199	11	4.8	0.0
21/08/2023 1:30	3.4	200	10	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 1:40	3.2	202	13	4.8	0.0
21/08/2023 1:50	3.4	201	11	4.4	0.0
21/08/2023 2:00	3.2	199	12	4.8	0.0
21/08/2023 2:10	3.3	199	11	5.1	0.0
21/08/2023 2:20	3.6	200	12	5.0	0.0
21/08/2023 2:30	4.2	196	11	5.7	0.0
21/08/2023 2:40	4.2	193	12	6.0	0.0
21/08/2023 2:50	4.2	196	12	5.6	0.0
21/08/2023 3:00	3.7	199	11	5.4	0.0
21/08/2023 3:10	3.4	199	12	4.4	0.0
21/08/2023 3:20	2.7	197	14	3.6	0.0
21/08/2023 3:30	2.8	201	15	3.9	0.0
21/08/2023 3:40	3.6	201	12	4.8	0.0
21/08/2023 3:50	3.8	200	12	5.2	0.0
21/08/2023 4:00	3.8	201	14	5.3	0.0
21/08/2023 4:10	3.9	196	13	5.6	0.0
21/08/2023 4:20	3.0	198	15	4.4	0.0
21/08/2023 4:30	3.4	198	14	5.2	0.0
21/08/2023 4:40	3.9	199	12	5.1	0.0
21/08/2023 4:50	4.0	198	13	5.7	0.0
21/08/2023 5:00	3.9	200	12	5.7	0.0
21/08/2023 5:10	4.1	198	12	5.6	0.0
21/08/2023 5:20	3.9	193	11	5.4	0.0
21/08/2023 5:30	4.8	194	11	6.7	0.0
21/08/2023 5:40	4.9	193	11	6.8	0.0
21/08/2023 5:50	4.9	192	11	6.9	0.0
21/08/2023 6:00	4.5	191	10	5.9	0.0
21/08/2023 6:10	5.1	190	10	6.8	0.0
21/08/2023 6:20	6.1	190	11	8.3	0.0
21/08/2023 6:30	6.0	192	11	8.1	0.0
21/08/2023 6:40	5.5	192	10	7.3	0.0
21/08/2023 6:50	6.3	193	10	8.5	0.0
21/08/2023 7:00	6.6	191	11	8.9	0.0
21/08/2023 7:10	6.6	191	10	9.1	0.0
21/08/2023 7:20	6.6	192	10	8.3	0.0
21/08/2023 7:30	5.9	190	12	8.2	0.0
21/08/2023 7:40	5.9	191	12	7.9	0.0
21/08/2023 7:50	6.1	192	11	8.5	0.0
21/08/2023 8:00	5.4	188	10	7.3	0.0
21/08/2023 8:10	5.4	189	12	7.5	0.0
21/08/2023 8:20	4.4	185	12	6.7	0.0
21/08/2023 8:30	4.5	191	15	6.9	0.0
21/08/2023 8:40	4.8	199	13	7.0	0.0
21/08/2023 8:50	5.0	197	15	7.3	0.0
21/08/2023 9:00	3.4	194	20	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 9:10	3.0	201	24	5.7	0.0
21/08/2023 9:20	2.8	207	33	5.1	0.0
21/08/2023 9:30	2.1	216	34	4.1	0.0
21/08/2023 9:40	1.9	231	52	3.6	0.0
21/08/2023 9:50	2.6	232	29	4.8	0.0
21/08/2023 10:00	2.1	245	43	4.0	0.0
21/08/2023 10:10	2.3	249	39	4.3	0.0
21/08/2023 10:20	2.8	261	32	4.7	0.0
21/08/2023 10:30	3.4	272	23	5.2	0.0
21/08/2023 10:40	3.2	282	34	5.7	0.0
21/08/2023 10:50	3.2	287	29	5.0	0.0
21/08/2023 11:00	2.9	291	24	4.4	0.0
21/08/2023 11:10	2.6	269	23	4.0	0.0
21/08/2023 11:20	2.4	280	42	4.4	0.0
21/08/2023 11:30	3.2	41	26	5.1	0.0
21/08/2023 11:40	2.6	27	35	4.0	0.0
21/08/2023 11:50	2.1	155	66	3.8	0.0
21/08/2023 12:00	1.9	159	78	3.5	0.0
21/08/2023 12:10	3.1	303	24	5.2	0.0
21/08/2023 12:20	2.2	317	65	4.5	0.0
21/08/2023 12:30	2.5	295	41	4.4	0.0
21/08/2023 12:40	3.4	323	17	5.4	0.0
21/08/2023 12:50	3.7	331	22	5.6	0.0
21/08/2023 13:00	4.1	345	15	5.7	0.0
21/08/2023 13:10	3.5	336	17	5.2	0.0
21/08/2023 13:20	4.1	341	14	5.6	0.0
21/08/2023 13:30	3.9	338	17	5.8	0.0
21/08/2023 13:40	4.1	339	19	5.7	0.0
21/08/2023 13:50	4.3	354	17	5.6	0.0
21/08/2023 14:00	4.5	350	17	6.1	0.0
21/08/2023 14:10	4.4	334	12	6.7	0.0
21/08/2023 14:20	4.0	327	13	5.3	0.0
21/08/2023 14:30	4.1	327	15	5.6	0.0
21/08/2023 14:40	4.3	327	13	5.8	0.0
21/08/2023 14:50	4.1	334	16	6.0	0.0
21/08/2023 15:00	3.7	330	18	5.3	0.0
21/08/2023 15:10	3.8	326	16	5.5	0.0
21/08/2023 15:20	4.2	328	12	5.7	0.0
21/08/2023 15:30	3.9	327	15	5.1	0.0
21/08/2023 15:40	3.9	329	15	5.2	0.0
21/08/2023 15:50	3.5	327	17	5.2	0.0
21/08/2023 16:00	4.0	323	10	5.2	0.0
21/08/2023 16:10	3.2	317	15	4.4	0.0
21/08/2023 16:20	2.7	316	21	4.0	0.0
21/08/2023 16:30	3.0	319	18	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/08/2023 16:40	3.4	325	14	4.6	0.0
21/08/2023 16:50	2.6	299	22	4.5	0.0
21/08/2023 17:00	2.3	302	23	3.6	0.0
21/08/2023 17:10	2.2	319	22	3.5	0.0
21/08/2023 17:20	2.4	315	19	3.8	0.0
21/08/2023 17:30	2.8	319	16	4.2	0.0
21/08/2023 17:40	2.2	308	19	3.7	0.0
21/08/2023 17:50	2.3	309	18	3.5	0.0
21/08/2023 18:00	1.9	296	19	2.8	0.0
21/08/2023 18:10	1.9	291	21	2.7	0.0
21/08/2023 18:20	2.2	274	19	3.5	0.0
21/08/2023 18:30	2.4	259	20	3.2	0.0
21/08/2023 18:40	2.3	259	15	3.3	0.0
21/08/2023 18:50	2.0	268	17	3.1	0.0
21/08/2023 19:00	2.1	270	18	3.2	0.0
21/08/2023 19:10	2.0	267	19	3.4	0.0
21/08/2023 19:20	1.6	248	39	2.8	0.0
21/08/2023 19:30	2.1	267	20	3.4	0.0
21/08/2023 19:40	2.4	259	17	3.5	0.0
21/08/2023 19:50	2.3	262	18	3.5	0.0
21/08/2023 20:00	1.9	243	33	2.9	0.0
21/08/2023 20:10	1.8	247	30	3.2	0.0
21/08/2023 20:20	1.8	267	25	2.6	0.0
21/08/2023 20:30	1.7	269	30	2.8	0.0
21/08/2023 20:40	2.0	267	20	3.3	0.0
21/08/2023 20:50	1.8	267	25	2.8	0.0
21/08/2023 21:00	1.3	267	31	2.6	0.0
21/08/2023 21:10	1.2	255	41	2.4	0.0
21/08/2023 21:20	1.3	247	44	2.4	0.0
21/08/2023 21:30	1.4	273	30	2.8	0.0
21/08/2023 21:40	1.6	263	28	2.7	0.0
21/08/2023 21:50	1.5	276	35	2.7	0.0
21/08/2023 22:00	1.6	269	32	3.1	0.0
21/08/2023 22:10	1.6	264	40	2.5	0.0
21/08/2023 22:20	2.0	269	25	3.1	0.0
21/08/2023 22:30	2.3	268	19	3.6	0.0
21/08/2023 22:40	2.4	268	19	4.0	0.0
21/08/2023 22:50	2.2	261	29	3.7	0.0
21/08/2023 23:00	1.9	277	27	3.2	0.0
21/08/2023 23:10	1.9	267	33	3.1	0.0
21/08/2023 23:20	1.8	268	21	2.9	0.0
21/08/2023 23:30	1.8	269	25	3.2	0.0
21/08/2023 23:40	1.7	271	30	2.8	0.0
21/08/2023 23:50	2.0	268	28	3.0	0.0
22/08/2023 0:00	1.7	272	21	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 0:10	1.8	271	23	3.0	0.0
22/08/2023 0:20	2.0	273	21	3.2	0.0
22/08/2023 0:30	2.0	270	24	2.8	0.0
22/08/2023 0:40	1.5	269	28	2.6	0.0
22/08/2023 0:50	1.5	270	33	2.8	0.0
22/08/2023 1:00	1.3	286	40	2.3	0.0
22/08/2023 1:10	0.9	265	43	2.0	0.0
22/08/2023 1:20	1.2	259	42	2.0	0.0
22/08/2023 1:30	0.9	279	48	2.1	0.0
22/08/2023 1:40	1.5	280	22	2.6	0.0
22/08/2023 1:50	1.4	280	18	3.0	0.0
22/08/2023 2:00	1.0	276	53	2.0	0.0
22/08/2023 2:10	1.7	275	28	2.8	0.0
22/08/2023 2:20	1.6	274	19	2.4	0.0
22/08/2023 2:30	1.0	270	39	2.0	0.0
22/08/2023 2:40	0.7	214	44	1.3	0.0
22/08/2023 2:50	1.1	244	30	1.8	0.0
22/08/2023 3:00	0.9	229	43	1.7	0.0
22/08/2023 3:10	1.1	192	29	1.8	0.0
22/08/2023 3:20	1.2	197	18	1.8	0.0
22/08/2023 3:30	1.5	197	17	2.1	0.0
22/08/2023 3:40	1.2	193	18	1.8	0.0
22/08/2023 3:50	1.4	192	18	2.0	0.0
22/08/2023 4:00	1.5	196	12	2.1	0.0
22/08/2023 4:10	1.3	189	15	2.1	0.0
22/08/2023 4:20	0.6	185	22	1.2	0.0
22/08/2023 4:30	0.7	184	40	1.4	0.0
22/08/2023 4:40	0.2	145	7	0.8	0.0
22/08/2023 4:50	1.2	256	22	1.8	0.0
22/08/2023 5:00	0.7	322	27	1.2	0.0
22/08/2023 5:10	0.4	169	13	0.9	0.0
22/08/2023 5:20	0.3	265	6	0.9	0.0
22/08/2023 5:30	0.2	149	14	0.8	0.0
22/08/2023 5:40	0.3	186	21	0.8	0.0
22/08/2023 5:50	0.7	293	39	1.2	0.0
22/08/2023 6:00	1.7	210	39	2.5	0.0
22/08/2023 6:10	0.8	158	41	1.2	0.0
22/08/2023 6:20	0.9	156	36	1.5	0.0
22/08/2023 6:30	0.8	315	47	1.4	0.0
22/08/2023 6:40	0.6	192	34	1.2	0.0
22/08/2023 6:50	0.3	56	33	1.1	0.0
22/08/2023 7:00	0.5	340	15	0.9	0.0
22/08/2023 7:10	0.9	338	27	1.4	0.0
22/08/2023 7:20	1.1	347	17	1.5	0.0
22/08/2023 7:30	0.8	326	13	1.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 7:40	0.8	182	13	1.3	0.0
22/08/2023 7:50	0.7	76	15	1.7	0.0
22/08/2023 8:00	1.7	78	12	2.4	0.0
22/08/2023 8:10	1.5	79	18	2.2	0.0
22/08/2023 8:20	2.0	45	11	2.7	0.0
22/08/2023 8:30	1.7	48	11	2.4	0.0
22/08/2023 8:40	1.7	60	18	2.5	0.0
22/08/2023 8:50	2.1	61	14	2.8	0.0
22/08/2023 9:00	2.0	79	21	2.8	0.0
22/08/2023 9:10	2.3	56	13	3.0	0.0
22/08/2023 9:20	2.2	73	19	3.2	0.0
22/08/2023 9:30	2.6	78	15	3.3	0.0
22/08/2023 9:40	2.2	68	18	3.1	0.0
22/08/2023 9:50	2.1	66	17	2.8	0.0
22/08/2023 10:00	2.2	71	16	2.9	0.0
22/08/2023 10:10	2.2	53	16	2.8	0.0
22/08/2023 10:20	2.2	57	13	2.9	0.0
22/08/2023 10:30	2.4	57	13	3.1	0.0
22/08/2023 10:40	2.2	58	15	3.0	0.0
22/08/2023 10:50	2.3	61	15	3.1	0.0
22/08/2023 11:00	2.9	62	12	3.7	0.0
22/08/2023 11:10	2.7	59	14	3.6	0.0
22/08/2023 11:20	2.6	56	14	3.5	0.0
22/08/2023 11:30	2.6	65	16	3.7	0.0
22/08/2023 11:40	2.8	66	12	3.7	0.0
22/08/2023 11:50	2.8	60	11	3.5	0.0
22/08/2023 12:00	2.9	60	12	3.7	0.0
22/08/2023 12:10	2.7	55	12	3.4	0.0
22/08/2023 12:20	3.0	58	10	3.8	0.0
22/08/2023 12:30	3.0	65	12	3.8	0.0
22/08/2023 12:40	3.1	66	10	4.0	0.0
22/08/2023 12:50	3.3	63	10	4.0	0.0
22/08/2023 13:00	3.0	66	10	3.9	0.0
22/08/2023 13:10	3.2	66	11	4.0	0.0
22/08/2023 13:20	2.8	62	11	3.8	0.0
22/08/2023 13:30	2.3	63	17	3.2	0.0
22/08/2023 13:40	2.8	65	9	3.5	0.0
22/08/2023 13:50	2.8	57	15	3.6	0.0
22/08/2023 14:00	2.9	60	15	3.9	0.0
22/08/2023 14:10	2.9	54	12	4.0	0.0
22/08/2023 14:20	3.2	64	12	4.1	0.0
22/08/2023 14:30	2.8	63	14	4.1	0.0
22/08/2023 14:40	3.5	61	11	4.6	0.0
22/08/2023 14:50	2.9	69	16	4.1	0.0
22/08/2023 15:00	2.8	70	17	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 15:10	2.7	82	16	3.9	0.0
22/08/2023 15:20	2.7	104	16	3.8	0.0
22/08/2023 15:30	2.5	86	21	3.5	0.0
22/08/2023 15:40	2.4	77	22	3.2	0.0
22/08/2023 15:50	2.6	82	16	3.3	0.0
22/08/2023 16:00	2.3	79	19	3.2	0.0
22/08/2023 16:10	2.7	69	18	4.3	0.0
22/08/2023 16:20	3.4	58	12	4.4	0.0
22/08/2023 16:30	2.8	54	17	4.3	0.0
22/08/2023 16:40	2.6	52	12	3.6	0.0
22/08/2023 16:50	2.6	61	14	3.5	0.0
22/08/2023 17:00	2.3	64	17	3.4	0.0
22/08/2023 17:10	2.1	74	16	3.4	0.0
22/08/2023 17:20	1.5	45	16	2.1	0.0
22/08/2023 17:30	1.3	46	17	2.2	0.0
22/08/2023 17:40	0.5	201	27	1.5	0.0
22/08/2023 17:50	1.0	199	18	1.6	0.0
22/08/2023 18:00	0.9	65	10	1.2	0.0
22/08/2023 18:10	0.6	20	18	1.2	0.0
22/08/2023 18:20	0.6	352	13	0.9	0.0
22/08/2023 18:30	0.7	332	12	1.0	0.0
22/08/2023 18:40	0.8	342	10	1.1	0.0
22/08/2023 18:50	0.9	312	14	1.2	0.0
22/08/2023 19:00	1.2	289	13	1.7	0.0
22/08/2023 19:10	1.4	291	14	2.0	0.0
22/08/2023 19:20	1.3	286	17	2.0	0.0
22/08/2023 19:30	1.6	282	16	2.2	0.0
22/08/2023 19:40	1.9	285	16	2.7	0.0
22/08/2023 19:50	1.6	273	20	2.3	0.0
22/08/2023 20:00	1.4	262	20	2.2	0.0
22/08/2023 20:10	1.6	268	16	2.5	0.0
22/08/2023 20:20	1.4	267	19	2.3	0.0
22/08/2023 20:30	1.6	275	16	2.3	0.0
22/08/2023 20:40	1.6	258	18	2.2	0.0
22/08/2023 20:50	1.3	252	27	2.0	0.0
22/08/2023 21:00	1.5	259	15	2.1	0.0
22/08/2023 21:10	1.6	254	17	2.6	0.0
22/08/2023 21:20	1.4	228	23	2.4	0.0
22/08/2023 21:30	1.7	262	15	2.4	0.0
22/08/2023 21:40	1.8	249	20	2.7	0.0
22/08/2023 21:50	1.3	241	29	2.0	0.0
22/08/2023 22:00	1.4	239	27	2.3	0.0
22/08/2023 22:10	1.7	232	28	2.9	0.0
22/08/2023 22:20	1.1	174	57	2.0	0.0
22/08/2023 22:30	1.3	219	40	2.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/08/2023 22:40	1.2	234	47	2.3	0.0
22/08/2023 22:50	1.0	232	55	2.1	0.0
22/08/2023 23:00	1.6	256	38	3.1	0.0
22/08/2023 23:10	1.2	195	41	2.5	0.0
22/08/2023 23:20	1.0	180	27	1.7	0.0
22/08/2023 23:30	1.2	191	32	1.9	0.0
22/08/2023 23:40	1.1	231	67	2.4	0.0
22/08/2023 23:50	1.0	225	36	2.0	0.0
23/08/2023 0:00	1.2	217	56	2.6	0.0
23/08/2023 0:10	1.2	217	56	2.4	0.0
23/08/2023 0:20	1.2	222	41	2.4	0.0
23/08/2023 0:30	1.0	228	42	1.9	0.0
23/08/2023 0:40	1.3	238	44	3.0	0.0
23/08/2023 0:50	1.3	225	37	2.5	0.0
23/08/2023 1:00	1.1	207	42	2.3	0.0
23/08/2023 1:10	1.3	217	45	2.5	0.0
23/08/2023 1:20	1.1	207	33	2.2	0.0
23/08/2023 1:30	0.8	204	28	1.6	0.0
23/08/2023 1:40	0.7	210	43	1.4	0.0
23/08/2023 1:50	0.7	194	48	1.7	0.0
23/08/2023 2:00	0.7	266	62	1.9	0.0
23/08/2023 2:10	0.5	226	54	1.3	0.0
23/08/2023 2:20	0.3	264	50	1.1	0.0
23/08/2023 2:30	0.2	158	28	1.2	0.0
23/08/2023 2:40	0.8	227	61	1.6	0.0
23/08/2023 2:50	0.8	195	51	1.6	0.0
23/08/2023 3:00	1.0	190	31	2.0	0.0
23/08/2023 3:10	0.8	176	46	1.3	0.0
23/08/2023 3:20	0.4	82	59	1.1	0.0
23/08/2023 3:30	0.8	124	40	1.3	0.0
23/08/2023 3:40	0.8	68	32	1.3	0.0
23/08/2023 3:50	1.1	112	24	1.8	0.0
23/08/2023 4:00	1.5	196	15	2.1	0.0
23/08/2023 4:10	1.3	204	21	2.1	0.0
23/08/2023 4:20	1.6	204	22	2.7	0.0
23/08/2023 4:30	1.5	215	32	2.6	0.0
23/08/2023 4:40	1.4	206	21	2.4	0.0
23/08/2023 4:50	1.5	198	22	2.8	0.0
23/08/2023 5:00	1.7	195	19	2.7	0.0
23/08/2023 5:10	1.5	198	18	2.7	0.0
23/08/2023 5:20	1.5	200	17	2.5	0.0
23/08/2023 5:30	1.1	192	18	1.8	0.0
23/08/2023 5:40	1.4	193	19	2.0	0.0
23/08/2023 5:50	1.0	191	25	1.7	0.0
23/08/2023 6:00	1.6	199	12	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 6:10	2.1	203	14	3.0	0.0
23/08/2023 6:20	1.0	191	31	3.0	0.0
23/08/2023 6:30	2.1	187	14	2.8	0.0
23/08/2023 6:40	1.8	192	20	3.0	0.0
23/08/2023 6:50	1.2	118	35	2.0	0.0
23/08/2023 7:00	1.2	183	55	2.8	0.0
23/08/2023 7:10	1.4	200	28	3.0	0.0
23/08/2023 7:20	1.5	221	35	2.6	0.0
23/08/2023 7:30	1.7	247	44	3.2	0.0
23/08/2023 7:40	1.1	204	63	1.9	0.0
23/08/2023 7:50	1.6	208	32	2.9	0.0
23/08/2023 8:00	2.2	205	17	3.2	0.0
23/08/2023 8:10	2.1	216	14	3.0	0.0
23/08/2023 8:20	2.1	212	12	3.1	0.0
23/08/2023 8:30	1.7	205	36	2.7	0.0
23/08/2023 8:40	1.6	122	25	2.4	0.0
23/08/2023 8:50	1.7	117	28	2.5	0.0
23/08/2023 9:00	1.3	191	36	2.3	0.0
23/08/2023 9:10	1.2	201	46	2.3	0.0
23/08/2023 9:20	2.3	185	19	3.6	0.0
23/08/2023 9:30	1.6	196	37	2.4	0.0
23/08/2023 9:40	1.7	104	16	2.8	0.0
23/08/2023 9:50	2.4	116	16	3.6	0.0
23/08/2023 10:00	1.6	115	27	2.8	0.0
23/08/2023 10:10	1.1	125	48	2.0	0.0
23/08/2023 10:20	1.5	98	46	2.3	0.0
23/08/2023 10:30	2.4	108	14	3.2	0.0
23/08/2023 10:40	2.1	72	23	3.5	0.0
23/08/2023 10:50	2.3	65	17	3.4	0.0
23/08/2023 11:00	2.8	55	13	3.6	0.0
23/08/2023 11:10	2.4	56	15	3.1	0.0
23/08/2023 11:20	2.5	56	12	3.3	0.0
23/08/2023 11:30	2.5	55	14	3.2	0.0
23/08/2023 11:40	3.4	61	11	4.8	0.0
23/08/2023 11:50	3.1	49	16	4.3	0.0
23/08/2023 12:00	3.0	61	15	4.0	0.0
23/08/2023 12:10	3.0	66	14	4.0	0.0
23/08/2023 12:20	3.8	59	14	5.6	0.0
23/08/2023 12:30	3.1	56	13	4.3	0.0
23/08/2023 12:40	3.3	60	14	4.3	0.0
23/08/2023 12:50	3.3	63	14	4.5	0.0
23/08/2023 13:00	3.4	73	14	4.3	0.0
23/08/2023 13:10	2.7	65	22	4.0	0.0
23/08/2023 13:20	3.4	71	17	4.8	0.0
23/08/2023 13:30	4.1	64	15	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 13:40	3.2	51	19	5.2	0.0
23/08/2023 13:50	3.4	59	15	4.8	0.0
23/08/2023 14:00	3.8	59	15	5.6	0.0
23/08/2023 14:10	3.1	53	21	5.0	0.0
23/08/2023 14:20	1.8	146	41	4.0	0.0
23/08/2023 14:30	1.9	283	35	3.6	0.0
23/08/2023 14:40	2.3	275	35	3.6	0.0
23/08/2023 14:50	2.1	285	38	3.7	0.0
23/08/2023 15:00	2.5	283	22	4.3	0.0
23/08/2023 15:10	2.6	301	26	3.8	0.0
23/08/2023 15:20	2.4	309	27	3.9	0.0
23/08/2023 15:30	2.2	282	30	3.5	0.0
23/08/2023 15:40	2.0	264	25	3.8	0.0
23/08/2023 15:50	2.5	279	18	3.9	0.0
23/08/2023 16:00	2.4	283	28	3.7	0.0
23/08/2023 16:10	2.6	306	18	3.9	0.0
23/08/2023 16:20	2.4	300	24	3.5	0.0
23/08/2023 16:30	2.5	298	23	3.9	0.0
23/08/2023 16:40	2.2	280	24	3.2	0.0
23/08/2023 16:50	2.5	286	22	3.9	0.0
23/08/2023 17:00	2.7	304	16	4.3	0.0
23/08/2023 17:10	2.2	292	21	3.2	0.0
23/08/2023 17:20	2.2	283	23	3.0	0.0
23/08/2023 17:30	2.2	281	23	3.2	0.0
23/08/2023 17:40	2.1	289	16	3.2	0.0
23/08/2023 17:50	2.2	278	17	3.2	0.0
23/08/2023 18:00	2.3	270	17	3.5	0.0
23/08/2023 18:10	2.0	268	23	3.1	0.0
23/08/2023 18:20	1.9	270	19	2.8	0.0
23/08/2023 18:30	2.0	268	18	3.1	0.0
23/08/2023 18:40	2.0	272	15	2.9	0.0
23/08/2023 18:50	1.8	258	23	2.8	0.0
23/08/2023 19:00	2.1	265	20	3.0	0.0
23/08/2023 19:10	1.8	273	18	2.8	0.0
23/08/2023 19:20	1.8	269	29	3.1	0.0
23/08/2023 19:30	2.0	275	18	2.9	0.0
23/08/2023 19:40	1.8	254	37	2.9	0.0
23/08/2023 19:50	2.3	280	16	3.6	0.0
23/08/2023 20:00	2.2	278	17	3.4	0.0
23/08/2023 20:10	2.2	283	16	3.1	0.0
23/08/2023 20:20	2.2	279	19	3.3	0.0
23/08/2023 20:30	1.5	264	31	2.4	0.0
23/08/2023 20:40	2.1	267	23	3.5	0.0
23/08/2023 20:50	1.8	269	28	3.1	0.0
23/08/2023 21:00	1.7	270	29	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/08/2023 21:10	1.8	279	26	2.9	0.0
23/08/2023 21:20	1.6	274	25	2.4	0.0
23/08/2023 21:30	2.0	268	29	3.2	0.0
23/08/2023 21:40	1.4	283	31	2.8	0.0
23/08/2023 21:50	1.3	242	43	2.8	0.0
23/08/2023 22:00	0.9	272	47	2.0	0.0
23/08/2023 22:10	1.0	259	38	2.3	0.0
23/08/2023 22:20	1.4	256	41	2.5	0.0
23/08/2023 22:30	1.2	265	34	2.5	0.0
23/08/2023 22:40	1.1	273	45	2.0	0.0
23/08/2023 22:50	1.5	272	35	3.2	0.0
23/08/2023 23:00	1.6	248	33	2.8	0.0
23/08/2023 23:10	1.3	254	45	3.0	0.0
23/08/2023 23:20	1.2	246	65	2.4	0.0
23/08/2023 23:30	1.7	224	42	3.7	0.0
23/08/2023 23:40	2.7	207	20	4.3	0.0
23/08/2023 23:50	2.3	207	28	4.2	0.0
24/08/2023 0:00	2.0	234	38	3.4	0.0
24/08/2023 0:10	1.1	245	53	2.6	0.0
24/08/2023 0:20	1.4	217	68	3.2	0.0
24/08/2023 0:30	1.3	247	57	2.6	0.0
24/08/2023 0:40	1.6	212	49	3.0	0.0
24/08/2023 0:50	3.0	196	14	4.5	0.0
24/08/2023 1:00	2.2	204	23	4.0	0.0
24/08/2023 1:10	1.9	209	36	3.4	0.0
24/08/2023 1:20	2.2	204	27	3.4	0.0
24/08/2023 1:30	1.8	212	29	3.6	0.0
24/08/2023 1:40	2.0	209	35	3.7	0.0
24/08/2023 1:50	2.9	201	20	4.4	0.0
24/08/2023 2:00	3.3	198	15	4.7	0.0
24/08/2023 2:10	1.7	216	40	3.0	0.0
24/08/2023 2:20	1.3	229	61	2.7	0.0
24/08/2023 2:30	2.1	223	41	4.0	0.0
24/08/2023 2:40	1.2	273	50	2.0	0.0
24/08/2023 2:50	2.5	189	20	3.6	0.0
24/08/2023 3:00	3.2	192	14	4.7	0.0
24/08/2023 3:10	3.2	191	13	4.5	0.0
24/08/2023 3:20	3.3	193	12	4.7	0.0
24/08/2023 3:30	3.3	185	15	4.6	0.0
24/08/2023 3:40	3.3	184	14	4.8	0.0
24/08/2023 3:50	2.8	184	13	4.2	0.0
24/08/2023 4:00	3.4	184	14	5.4	0.0
24/08/2023 4:10	4.9	186	13	7.0	0.0
24/08/2023 4:20	4.4	187	13	6.5	0.0
24/08/2023 4:30	4.9	188	11	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 4:40	4.9	188	11	6.4	0.0
24/08/2023 4:50	4.7	190	11	6.2	0.0
24/08/2023 5:00	5.0	189	11	6.8	0.0
24/08/2023 5:10	4.7	191	11	6.6	0.0
24/08/2023 5:20	4.5	190	10	5.9	0.0
24/08/2023 5:30	4.7	193	10	6.2	0.0
24/08/2023 5:40	4.4	194	11	6.4	0.0
24/08/2023 5:50	4.5	193	11	5.9	0.0
24/08/2023 6:00	4.4	194	11	5.6	0.0
24/08/2023 6:10	4.3	195	10	5.6	0.0
24/08/2023 6:20	4.1	192	12	5.2	0.0
24/08/2023 6:30	3.8	193	10	5.1	0.0
24/08/2023 6:40	3.4	189	11	4.7	0.0
24/08/2023 6:50	3.3	195	9	4.4	0.0
24/08/2023 7:00	2.8	191	15	3.7	0.0
24/08/2023 7:10	2.4	188	16	3.6	0.0
24/08/2023 7:20	2.2	181	19	3.8	0.0
24/08/2023 7:30	1.8	148	25	3.1	0.0
24/08/2023 7:40	2.0	143	23	2.8	0.0
24/08/2023 7:50	1.6	120	26	2.7	0.0
24/08/2023 8:00	2.0	109	24	3.3	0.0
24/08/2023 8:10	2.0	105	18	2.9	0.0
24/08/2023 8:20	2.1	110	15	2.8	0.0
24/08/2023 8:30	2.1	113	16	2.9	0.0
24/08/2023 8:40	2.0	107	19	2.8	0.0
24/08/2023 8:50	2.1	107	17	2.8	0.0
24/08/2023 9:00	2.1	107	16	2.9	0.0
24/08/2023 9:10	2.4	108	14	3.7	0.0
24/08/2023 9:20	2.3	114	23	3.6	0.0
24/08/2023 9:30	2.3	117	21	3.8	0.0
24/08/2023 9:40	2.7	113	15	4.3	0.0
24/08/2023 9:50	2.3	106	17	3.2	0.0
24/08/2023 10:00	1.8	119	25	2.4	0.0
24/08/2023 10:10	2.2	66	24	3.1	0.0
24/08/2023 10:20	2.1	52	15	2.9	0.0
24/08/2023 10:30	2.3	51	12	2.9	0.0
24/08/2023 10:40	2.3	52	13	2.9	0.0
24/08/2023 10:50	2.3	54	14	3.0	0.0
24/08/2023 11:00	2.4	58	13	3.2	0.0
24/08/2023 11:10	2.4	52	15	3.1	0.0
24/08/2023 11:20	2.1	57	15	3.1	0.0
24/08/2023 11:30	1.8	73	27	2.9	0.0
24/08/2023 11:40	2.7	64	14	3.7	0.0
24/08/2023 11:50	2.9	71	11	4.0	0.0
24/08/2023 12:00	3.1	71	13	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 12:10	3.1	61	14	4.5	0.0
24/08/2023 12:20	3.3	67	13	4.8	0.0
24/08/2023 12:30	3.3	69	14	4.8	0.0
24/08/2023 12:40	3.2	72	14	4.4	0.0
24/08/2023 12:50	2.9	69	13	3.7	0.0
24/08/2023 13:00	2.3	69	18	3.4	0.0
24/08/2023 13:10	2.4	67	17	3.3	0.0
24/08/2023 13:20	2.6	72	12	3.5	0.0
24/08/2023 13:30	2.4	72	16	3.0	0.0
24/08/2023 13:40	3.7	62	11	4.8	0.1
24/08/2023 13:50	3.7	47	12	5.0	1.0
24/08/2023 14:00	3.9	44	10	5.0	0.0
24/08/2023 14:10	4.1	48	10	5.0	0.0
24/08/2023 14:20	3.7	49	11	4.8	0.0
24/08/2023 14:30	3.3	47	13	4.6	0.0
24/08/2023 14:40	3.2	36	14	4.4	0.0
24/08/2023 14:50	3.6	36	11	4.8	0.0
24/08/2023 15:00	3.6	38	13	4.8	0.0
24/08/2023 15:10	3.5	35	12	4.6	0.0
24/08/2023 15:20	3.6	41	13	5.0	0.0
24/08/2023 15:30	3.9	43	12	5.6	0.0
24/08/2023 15:40	3.6	36	14	5.2	0.0
24/08/2023 15:50	3.7	44	12	5.0	0.0
24/08/2023 16:00	3.7	43	13	5.0	0.0
24/08/2023 16:10	3.7	42	13	5.0	0.0
24/08/2023 16:20	3.3	43	13	4.5	0.0
24/08/2023 16:30	3.0	43	12	4.2	0.0
24/08/2023 16:40	2.9	44	14	4.0	0.0
24/08/2023 16:50	2.7	47	13	3.9	0.0
24/08/2023 17:00	2.3	53	12	3.3	0.0
24/08/2023 17:10	1.9	52	11	2.8	0.0
24/08/2023 17:20	1.6	56	10	2.3	0.0
24/08/2023 17:30	1.0	54	17	1.7	0.0
24/08/2023 17:40	0.2	126	15	0.7	0.0
24/08/2023 17:50	0.3	129	11	0.8	0.0
24/08/2023 18:00	0.6	148	43	0.9	0.0
24/08/2023 18:10					0.0
24/08/2023 18:20	0.1	297	13	0.6	0.0
24/08/2023 18:30	0.3	299	6	0.8	0.0
24/08/2023 18:40	0.7	298	17	1.4	0.0
24/08/2023 18:50	1.3	303	15	1.8	0.0
24/08/2023 19:00	1.4	294	13	2.2	0.0
24/08/2023 19:10	1.2	286	15	1.8	0.0
24/08/2023 19:20	1.4	303	15	2.1	0.0
24/08/2023 19:30	0.7	303	31	1.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/08/2023 19:40					0.0
24/08/2023 19:50	0.2	279	32	0.7	0.0
24/08/2023 20:00					0.0
24/08/2023 20:10	0.2	306	8	0.8	0.0
24/08/2023 20:20	0.4	193	9	0.8	0.0
24/08/2023 20:30	0.6	196	13	0.8	0.0
24/08/2023 20:40	0.5	158	22	0.8	0.0
24/08/2023 20:50	0.2	59	0	0.6	0.0
24/08/2023 21:00	0.3	347	5	0.8	0.0
24/08/2023 21:10					0.0
24/08/2023 21:20	0.2	156	25	0.8	0.0
24/08/2023 21:30	0.6	164	19	1.6	0.0
24/08/2023 21:40	2.1	186	40	3.6	0.0
24/08/2023 21:50	1.6	172	29	2.5	0.0
24/08/2023 22:00	0.7	211	37	1.8	0.0
24/08/2023 22:10	1.8	212	23	2.8	0.0
24/08/2023 22:20	1.2	79	63	2.1	0.0
24/08/2023 22:30	0.6	201	38	1.1	0.0
24/08/2023 22:40	0.6	59	63	1.2	0.0
24/08/2023 22:50	0.7	30	45	1.2	0.0
24/08/2023 23:00	0.7	35	66	1.4	0.0
24/08/2023 23:10	0.8	59	43	1.7	0.0
24/08/2023 23:20	0.4	74	19	1.1	0.0
24/08/2023 23:30	1.0	170	58	1.5	0.0
24/08/2023 23:40	1.4	209	35	2.1	0.0
24/08/2023 23:50	0.9	187	35	1.3	0.0
25/08/2023 0:00	0.6	179	66	1.2	0.0
25/08/2023 0:10	1.7	184	38	2.7	0.0
25/08/2023 0:20	1.2	297	60	2.4	0.0
25/08/2023 0:30	1.5	170	57	2.5	0.0
25/08/2023 0:40	2.1	179	54	3.8	0.0
25/08/2023 0:50	4.5	189	12	6.4	0.0
25/08/2023 1:00	4.3	189	12	6.0	0.0
25/08/2023 1:10	2.0	133	51	4.2	0.0
25/08/2023 1:20	2.0	181	30	3.6	0.0
25/08/2023 1:30	1.7	230	60	2.9	0.0
25/08/2023 1:40	1.0	310	66	2.0	0.0
25/08/2023 1:50	2.2	154	31	3.8	0.0
25/08/2023 2:00	3.8	169	12	5.0	0.0
25/08/2023 2:10	3.5	170	13	5.2	0.0
25/08/2023 2:20	3.8	170	12	5.4	0.0
25/08/2023 2:30	3.5	171	15	5.1	0.0
25/08/2023 2:40	3.9	177	13	5.3	0.0
25/08/2023 2:50	3.8	180	14	5.2	0.0
25/08/2023 3:00	4.0	185	14	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 3:10	4.1	184	12	5.5	0.0
25/08/2023 3:20	4.1	189	10	5.6	0.0
25/08/2023 3:30	4.5	192	10	5.4	0.0
25/08/2023 3:40	4.8	187	12	6.5	0.0
25/08/2023 3:50	5.0	191	10	6.2	0.0
25/08/2023 4:00	5.2	192	9	6.5	0.0
25/08/2023 4:10	5.8	193	9	7.4	0.0
25/08/2023 4:20	5.8	190	11	7.2	0.0
25/08/2023 4:30	5.7	191	10	7.5	0.0
25/08/2023 4:40	5.6	191	9	7.8	0.0
25/08/2023 4:50	5.9	193	8	6.9	0.0
25/08/2023 5:00	5.7	197	8	7.1	0.0
25/08/2023 5:10	5.1	191	14	7.1	0.0
25/08/2023 5:20	4.8	185	13	6.4	0.0
25/08/2023 5:30	5.0	183	13	6.7	0.0
25/08/2023 5:40	4.8	183	15	6.3	0.0
25/08/2023 5:50	4.3	183	14	5.9	0.0
25/08/2023 6:00	3.5	178	16	5.1	0.0
25/08/2023 6:10	3.0	176	18	5.0	0.0
25/08/2023 6:20	2.7	165	19	4.1	0.0
25/08/2023 6:30	3.0	176	18	4.4	0.0
25/08/2023 6:40	2.3	175	23	3.7	0.0
25/08/2023 6:50	1.6	143	29	2.7	0.0
25/08/2023 7:00	1.6	138	20	2.7	0.0
25/08/2023 7:10	2.0	142	23	3.3	0.0
25/08/2023 7:20	2.1	125	21	3.9	0.0
25/08/2023 7:30	2.3	121	20	3.6	0.0
25/08/2023 7:40	2.3	125	26	4.1	0.0
25/08/2023 7:50	2.1	93	26	4.6	0.0
25/08/2023 8:00	2.0	89	28	3.3	0.0
25/08/2023 8:10	1.9	93	22	3.4	0.0
25/08/2023 8:20	1.8	101	25	2.6	0.0
25/08/2023 8:30	2.3	104	21	3.6	0.0
25/08/2023 8:40	2.4	117	26	3.6	0.0
25/08/2023 8:50	2.6	120	16	3.9	0.0
25/08/2023 9:00	2.7	118	17	4.0	0.0
25/08/2023 9:10	2.2	88	18	3.5	0.0
25/08/2023 9:20	2.3	71	16	3.2	0.0
25/08/2023 9:30	2.2	56	19	3.1	0.0
25/08/2023 9:40	2.2	65	22	3.6	0.0
25/08/2023 9:50	2.4	77	20	3.4	0.0
25/08/2023 10:00	3.2	78	16	4.8	0.0
25/08/2023 10:10	2.9	48	21	4.7	0.0
25/08/2023 10:20	2.8	54	18	4.1	0.0
25/08/2023 10:30	3.8	84	16	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 10:40	4.1	84	17	6.0	0.0
25/08/2023 10:50	3.9	84	15	5.6	0.0
25/08/2023 11:00	4.4	84	15	6.4	0.0
25/08/2023 11:10	4.0	71	15	6.0	0.0
25/08/2023 11:20	4.4	70	13	6.0	0.0
25/08/2023 11:30	3.9	66	14	5.6	0.0
25/08/2023 11:40	4.1	57	14	5.5	0.0
25/08/2023 11:50	4.5	59	11	5.7	0.0
25/08/2023 12:00	3.7	50	13	4.8	0.0
25/08/2023 12:10	3.6	56	14	4.6	0.0
25/08/2023 12:20	3.4	52	14	4.4	0.0
25/08/2023 12:30	3.5	48	13	4.7	0.0
25/08/2023 12:40	3.1	50	17	4.2	0.0
25/08/2023 12:50	3.1	54	17	4.2	0.0
25/08/2023 13:00	3.0	59	12	4.0	0.0
25/08/2023 13:10	2.6	59	16	3.9	0.0
25/08/2023 13:20	2.6	61	17	3.3	0.0
25/08/2023 13:30	3.0	61	16	4.3	0.0
25/08/2023 13:40	3.1	60	13	4.0	0.0
25/08/2023 13:50	2.9	57	16	3.9	0.0
25/08/2023 14:00	3.3	48	10	4.4	0.0
25/08/2023 14:10	3.0	50	15	4.0	0.0
25/08/2023 14:20	2.9	50	16	3.9	0.0
25/08/2023 14:30	2.9	55	17	4.1	0.0
25/08/2023 14:40	3.1	51	15	4.7	0.0
25/08/2023 14:50	3.7	48	14	5.3	0.0
25/08/2023 15:00	3.8	50	12	5.4	0.0
25/08/2023 15:10	3.3	48	14	4.6	0.0
25/08/2023 15:20	3.3	55	15	4.6	0.0
25/08/2023 15:30	3.9	51	13	5.8	0.0
25/08/2023 15:40	4.5	41	15	7.2	0.0
25/08/2023 15:50	4.3	42	13	6.4	0.0
25/08/2023 16:00	3.5	48	13	5.0	0.0
25/08/2023 16:10	3.4	51	13	4.6	0.0
25/08/2023 16:20	3.6	55	14	5.3	0.0
25/08/2023 16:30	3.5	50	13	4.5	0.0
25/08/2023 16:40	3.3	45	15	5.2	0.0
25/08/2023 16:50	3.8	38	12	5.7	0.0
25/08/2023 17:00	3.5	29	14	5.5	0.0
25/08/2023 17:10	4.0	24	14	6.1	0.0
25/08/2023 17:20	3.2	22	14	4.8	0.0
25/08/2023 17:30	2.9	32	13	4.4	0.0
25/08/2023 17:40	2.6	29	14	4.0	0.0
25/08/2023 17:50	1.6	177	17	2.5	0.0
25/08/2023 18:00	2.3	333	13	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/08/2023 18:10	2.5	330	10	3.2	0.0
25/08/2023 18:20	2.0	335	15	2.9	0.0
25/08/2023 18:30	1.4	340	15	2.1	0.0
25/08/2023 18:40	1.2	313	14	1.7	0.0
25/08/2023 18:50	1.1	343	21	1.9	0.0
25/08/2023 19:00	0.4	134	42	1.0	0.0
25/08/2023 19:10	0.6	263	28	1.0	0.0
25/08/2023 19:20	0.6	261	18	1.2	0.0
25/08/2023 19:30	0.4	35	14	0.7	0.0
25/08/2023 19:40	0.1	52	10	0.6	0.0
25/08/2023 19:50	0.2	265	16	0.8	0.0
25/08/2023 20:00	0.3	297	8	0.8	0.0
25/08/2023 20:10	1.0	262	10	1.2	0.0
25/08/2023 20:20	0.4	281	17	0.9	0.0
25/08/2023 20:30	0.1	175	5	0.6	0.0
25/08/2023 20:40	0.4	238	19	1.2	0.0
25/08/2023 20:50	1.1	175	33	1.7	0.0
25/08/2023 21:00					0.0
25/08/2023 21:10					0.0
25/08/2023 21:20	0.4	329	11	1.1	0.0
25/08/2023 21:30	0.7	57	33	1.1	0.0
25/08/2023 21:40	0.3	331	11	0.8	0.0
25/08/2023 21:50	0.6	161	5	1.4	0.0
25/08/2023 22:00	0.5	258	68	1.1	0.0
25/08/2023 22:10	0.7	175	43	1.3	0.0
25/08/2023 22:20	0.2	108	21	0.8	0.0
25/08/2023 22:30	0.6	250	25	0.8	0.0
25/08/2023 22:40	0.1	11	15	0.8	0.0
25/08/2023 22:50	0.3	247	10	0.8	0.0
25/08/2023 23:00	0.6	187	23	1.2	0.0
25/08/2023 23:10	1.0	209	27	1.7	0.0
25/08/2023 23:20	1.0	115	28	1.6	0.0
25/08/2023 23:30	0.4	208	8	1.4	0.0
25/08/2023 23:40	0.5	185	8	0.8	0.0
25/08/2023 23:50	0.3	291	23	0.8	0.0
26/08/2023 0:00					0.0
26/08/2023 0:10	0.3	166	4	0.8	0.0
26/08/2023 0:20	0.5	195	43	1.1	0.0
26/08/2023 0:30	0.8	348	24	1.2	0.0
26/08/2023 0:40	0.0	194	2	0.5	0.0
26/08/2023 0:50	0.1	292	21	0.5	0.0
26/08/2023 1:00	0.7	185	50	1.2	0.0
26/08/2023 1:10	0.7	311	33	1.2	0.0
26/08/2023 1:20	1.2	182	38	2.3	0.0
26/08/2023 1:30	2.9	180	27	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 1:40	3.6	182	18	5.6	0.0
26/08/2023 1:50	4.0	183	14	5.6	0.0
26/08/2023 2:00	4.9	189	10	6.6	0.0
26/08/2023 2:10	4.3	189	11	5.6	0.0
26/08/2023 2:20	1.7	268	45	3.4	0.0
26/08/2023 2:30	0.9	173	77	2.4	0.0
26/08/2023 2:40	5.0	189	11	6.7	0.0
26/08/2023 2:50	5.1	193	9	6.8	0.0
26/08/2023 3:00	4.8	191	11	6.3	0.0
26/08/2023 3:10	4.3	191	10	5.6	0.0
26/08/2023 3:20	4.7	195	8	6.1	0.0
26/08/2023 3:30	5.4	196	6	6.2	0.0
26/08/2023 3:40	5.2	193	8	6.4	0.0
26/08/2023 3:50	5.3	193	8	6.8	0.0
26/08/2023 4:00	4.8	190	10	5.9	0.0
26/08/2023 4:10	4.9	193	9	6.4	0.0
26/08/2023 4:20	4.6	197	8	6.0	0.0
26/08/2023 4:30	4.7	198	7	5.6	0.0
26/08/2023 4:40	4.6	198	8	5.7	0.0
26/08/2023 4:50	3.8	197	10	4.9	0.0
26/08/2023 5:00	4.1	198	8	5.2	0.0
26/08/2023 5:10	5.6	197	8	6.9	0.0
26/08/2023 5:20	5.9	197	6	6.8	0.0
26/08/2023 5:30	5.7	198	8	6.4	0.0
26/08/2023 5:40	4.9	201	9	6.1	0.0
26/08/2023 5:50	5.1	201	8	6.6	0.0
26/08/2023 6:00	4.3	200	13	5.5	0.0
26/08/2023 6:10	4.4	194	12	5.8	0.0
26/08/2023 6:20	4.2	197	13	5.6	0.0
26/08/2023 6:30	3.3	193	21	4.8	0.0
26/08/2023 6:40	1.6	230	63	2.5	0.0
26/08/2023 6:50	1.5	165	40	2.6	0.0
26/08/2023 7:00	2.1	157	22	3.5	0.0
26/08/2023 7:10	3.0	157	16	4.8	0.0
26/08/2023 7:20	3.1	144	20	6.4	0.0
26/08/2023 7:30	2.6	128	29	4.6	0.0
26/08/2023 7:40	2.8	123	29	5.3	0.0
26/08/2023 7:50	3.2	126	26	5.3	0.0
26/08/2023 8:00	3.1	113	21	4.9	0.0
26/08/2023 8:10	3.0	126	28	5.5	0.0
26/08/2023 8:20	2.8	113	23	4.1	0.0
26/08/2023 8:30	2.7	120	24	4.3	0.0
26/08/2023 8:40	2.1	107	27	3.2	0.0
26/08/2023 8:50	1.9	121	26	3.1	0.0
26/08/2023 9:00	2.1	119	27	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 9:10	2.0	89	31	3.4	0.0
26/08/2023 9:20	1.9	73	24	2.9	0.0
26/08/2023 9:30	2.0	61	19	2.8	0.0
26/08/2023 9:40	2.0	62	20	3.1	0.0
26/08/2023 9:50	2.6	59	16	3.5	0.0
26/08/2023 10:00	2.9	56	12	3.9	0.0
26/08/2023 10:10	3.0	45	15	3.8	0.0
26/08/2023 10:20	2.8	45	19	4.1	0.0
26/08/2023 10:30	3.1	40	15	4.2	0.0
26/08/2023 10:40	3.7	48	12	5.1	0.0
26/08/2023 10:50	3.9	50	14	5.2	0.0
26/08/2023 11:00	4.2	48	11	5.2	0.0
26/08/2023 11:10	3.8	57	14	5.6	0.0
26/08/2023 11:20	4.2	48	11	5.6	0.0
26/08/2023 11:30	3.8	48	14	5.2	0.0
26/08/2023 11:40	3.7	47	13	5.2	0.0
26/08/2023 11:50	3.9	45	14	5.0	0.0
26/08/2023 12:00	3.5	53	15	5.0	0.0
26/08/2023 12:10	3.5	48	14	4.8	0.0
26/08/2023 12:20	3.3	53	13	4.7	0.0
26/08/2023 12:30	3.3	53	15	4.8	0.0
26/08/2023 12:40	3.3	54	11	4.7	0.0
26/08/2023 12:50	3.0	42	17	4.1	0.0
26/08/2023 13:00	3.3	40	15	4.4	0.0
26/08/2023 13:10	3.7	43	15	5.2	0.0
26/08/2023 13:20	3.4	46	14	4.5	0.0
26/08/2023 13:30	3.2	52	13	4.1	0.0
26/08/2023 13:40	2.9	48	17	4.0	0.0
26/08/2023 13:50	3.2	45	14	4.2	0.0
26/08/2023 14:00	2.9	58	16	4.0	0.0
26/08/2023 14:10	3.5	59	14	4.6	0.0
26/08/2023 14:20	3.4	59	13	4.6	0.0
26/08/2023 14:30	3.4	51	13	4.4	0.0
26/08/2023 14:40	3.4	45	14	4.4	0.0
26/08/2023 14:50	3.5	45	12	4.6	0.0
26/08/2023 15:00	3.6	42	12	5.2	0.0
26/08/2023 15:10	4.0	41	10	5.0	0.0
26/08/2023 15:20	4.4	36	13	5.4	0.0
26/08/2023 15:30	4.5	35	12	5.9	0.0
26/08/2023 15:40	4.4	37	13	5.7	0.0
26/08/2023 15:50	4.5	36	14	6.4	0.0
26/08/2023 16:00	4.3	36	15	6.0	0.0
26/08/2023 16:10	4.2	38	13	6.0	0.0
26/08/2023 16:20	4.7	39	16	6.8	0.0
26/08/2023 16:30	4.5	35	15	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/08/2023 16:40	5.0	37	13	7.1	0.0
26/08/2023 16:50	4.5	40	14	6.4	0.0
26/08/2023 17:00	4.2	35	13	6.4	0.0
26/08/2023 17:10	3.9	39	15	5.6	0.0
26/08/2023 17:20	3.8	38	14	5.6	0.0
26/08/2023 17:30	3.1	37	15	4.9	0.0
26/08/2023 17:40	3.5	29	14	5.0	0.0
26/08/2023 17:50	3.5	32	13	5.2	0.0
26/08/2023 18:00	3.0	44	12	4.3	0.0
26/08/2023 18:10	2.5	47	12	4.0	0.0
26/08/2023 18:20	2.1	56	12	2.8	0.0
26/08/2023 18:30	2.2	58	12	3.2	0.0
26/08/2023 18:40	2.0	63	11	3.0	0.0
26/08/2023 18:50	1.8	64	13	2.4	0.0
26/08/2023 19:00	1.9	61	14	2.7	0.0
26/08/2023 19:10	1.5	42	19	2.4	0.0
26/08/2023 19:20	1.6	54	17	2.5	0.0
26/08/2023 19:30	1.9	66	12	2.6	0.0
26/08/2023 19:40	1.9	72	13	2.8	0.0
26/08/2023 19:50	1.5	75	15	2.2	0.0
26/08/2023 20:00	1.2	92	15	1.7	0.0
26/08/2023 20:10	1.3	80	12	1.8	0.0
26/08/2023 20:20	1.4	82	12	2.1	0.0
26/08/2023 20:30	1.3	81	13	1.9	0.0
26/08/2023 20:40	1.1	87	14	1.5	0.0
26/08/2023 20:50	1.4	80	14	2.0	0.0
26/08/2023 21:00	1.3	80	14	1.9	0.0
26/08/2023 21:10	0.8	56	19	1.6	0.0
26/08/2023 21:20	0.2	79	10	0.8	0.0
26/08/2023 21:30	0.2	83	10	0.9	0.0
26/08/2023 21:40					0.0
26/08/2023 21:50	0.8	106	13	1.3	0.0
26/08/2023 22:00	0.7	97	20	1.2	0.0
26/08/2023 22:10	0.8	111	23	1.4	0.0
26/08/2023 22:20	1.2	117	18	1.9	0.0
26/08/2023 22:30	1.0	104	20	1.7	0.0
26/08/2023 22:40	0.8	105	17	1.6	0.0
26/08/2023 22:50	0.8	101	13	1.5	0.0
26/08/2023 23:00	0.3	87	21	0.9	0.0
26/08/2023 23:10	0.6	118	50	1.3	0.0
26/08/2023 23:20	0.4	58	20	1.1	0.0
26/08/2023 23:30	0.2	124	4	0.6	0.0
26/08/2023 23:40	0.3	125	32	1.0	0.0
26/08/2023 23:50	0.1	226	3	1.1	0.0
27/08/2023 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 0:10	0.2	159	5	1.2	0.0
27/08/2023 0:20	0.8	312	8	1.2	0.0
27/08/2023 0:30	0.4	34	42	1.1	0.0
27/08/2023 0:40	0.2	313	10	0.8	0.0
27/08/2023 0:50	0.3	208	19	0.9	0.0
27/08/2023 1:00					0.0
27/08/2023 1:10	0.0	19	0	0.6	0.0
27/08/2023 1:20	0.3	167	6	0.9	0.0
27/08/2023 1:30	0.0	317	0	0.4	0.0
27/08/2023 1:40	0.6	346	48	1.1	0.0
27/08/2023 1:50					0.0
27/08/2023 2:00					0.0
27/08/2023 2:10	0.0	352	2	0.6	0.0
27/08/2023 2:20	0.6	329	20	1.6	0.0
27/08/2023 2:30	0.5	303	18	1.3	0.0
27/08/2023 2:40	0.7	174	23	1.4	0.0
27/08/2023 2:50	0.3	353	4	1.2	0.0
27/08/2023 3:00					0.0
27/08/2023 3:10	0.4	310	3	1.7	0.0
27/08/2023 3:20	1.0	297	14	1.6	0.0
27/08/2023 3:30	0.4	253	33	1.1	0.0
27/08/2023 3:40	1.0	297	10	1.6	0.0
27/08/2023 3:50	0.9	217	34	1.3	0.0
27/08/2023 4:00	0.6	281	19	1.2	0.0
27/08/2023 4:10	0.8	172	22	1.5	0.0
27/08/2023 4:20	1.2	194	55	2.5	0.0
27/08/2023 4:30	1.9	144	27	3.2	0.0
27/08/2023 4:40	0.9	61	53	1.7	0.0
27/08/2023 4:50	1.0	71	27	1.7	0.0
27/08/2023 5:00	1.5	88	35	2.8	0.0
27/08/2023 5:10	1.5	136	20	2.3	0.0
27/08/2023 5:20	2.5	130	21	4.0	0.0
27/08/2023 5:30	2.3	143	19	3.6	0.0
27/08/2023 5:40	2.0	136	22	2.9	0.0
27/08/2023 5:50	2.8	149	18	4.4	0.0
27/08/2023 6:00	3.0	153	14	4.2	0.0
27/08/2023 6:10	3.0	151	16	4.2	0.0
27/08/2023 6:20	2.2	132	20	3.1	0.0
27/08/2023 6:30	2.5	146	17	3.8	0.0
27/08/2023 6:40	4.1	161	13	5.3	0.0
27/08/2023 6:50	3.4	156	16	5.2	0.0
27/08/2023 7:00	3.4	162	13	4.8	0.0
27/08/2023 7:10	3.1	165	15	4.4	0.0
27/08/2023 7:20	3.7	168	11	4.8	0.0
27/08/2023 7:30	3.4	166	13	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 7:40	3.2	163	14	4.9	0.0
27/08/2023 7:50	3.2	166	15	4.8	0.0
27/08/2023 8:00	3.8	171	15	5.6	0.0
27/08/2023 8:10	3.7	172	14	5.5	0.0
27/08/2023 8:20	2.8	160	19	4.5	0.0
27/08/2023 8:30	2.5	126	20	3.6	0.0
27/08/2023 8:40	2.2	114	24	3.5	0.0
27/08/2023 8:50	2.2	109	15	3.4	0.0
27/08/2023 9:00	2.2	110	22	3.2	0.0
27/08/2023 9:10	2.1	92	16	3.0	0.0
27/08/2023 9:20	2.2	99	20	3.2	0.0
27/08/2023 9:30	2.6	111	15	3.6	0.0
27/08/2023 9:40	2.2	85	20	3.1	0.0
27/08/2023 9:50	2.2	80	23	3.2	0.0
27/08/2023 10:00	2.4	63	18	3.2	0.0
27/08/2023 10:10	2.2	61	17	3.5	0.0
27/08/2023 10:20	2.2	61	20	2.9	0.0
27/08/2023 10:30	2.1	70	18	3.2	0.0
27/08/2023 10:40	2.1	61	23	3.0	0.0
27/08/2023 10:50	2.2	51	15	3.0	0.0
27/08/2023 11:00	2.3	50	18	3.0	0.0
27/08/2023 11:10	2.5	72	18	3.6	0.0
27/08/2023 11:20	2.7	56	18	3.7	0.0
27/08/2023 11:30	3.0	52	12	4.2	0.0
27/08/2023 11:40	3.7	48	12	5.0	0.0
27/08/2023 11:50	3.7	44	12	4.9	0.0
27/08/2023 12:00	3.2	46	15	4.7	0.0
27/08/2023 12:10	3.5	48	12	4.7	0.0
27/08/2023 12:20	3.7	44	13	5.1	0.0
27/08/2023 12:30	3.6	42	13	4.8	0.0
27/08/2023 12:40	3.4	45	15	4.8	0.0
27/08/2023 12:50	3.6	45	13	5.2	0.0
27/08/2023 13:00	3.9	49	12	5.3	0.0
27/08/2023 13:10	3.5	46	15	4.8	0.0
27/08/2023 13:20	3.5	49	15	4.8	0.0
27/08/2023 13:30	3.4	46	12	5.0	0.0
27/08/2023 13:40	3.6	52	12	4.5	0.0
27/08/2023 13:50	3.4	57	14	4.4	0.0
27/08/2023 14:00	3.5	58	14	4.5	0.0
27/08/2023 14:10	3.4	57	12	4.4	0.0
27/08/2023 14:20	3.5	55	13	4.7	0.0
27/08/2023 14:30	3.5	56	12	4.5	0.0
27/08/2023 14:40	3.5	60	14	4.5	0.0
27/08/2023 14:50	3.5	54	15	5.2	0.0
27/08/2023 15:00	3.4	56	13	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 15:10	3.1	58	16	4.0	0.0
27/08/2023 15:20	3.2	51	14	4.1	0.0
27/08/2023 15:30	3.1	47	14	4.1	0.0
27/08/2023 15:40	3.0	53	13	4.0	0.0
27/08/2023 15:50	2.8	55	13	4.0	0.0
27/08/2023 16:00	2.9	58	15	3.9	0.0
27/08/2023 16:10	2.8	60	12	3.7	0.0
27/08/2023 16:20	2.6	57	13	3.4	0.0
27/08/2023 16:30	2.4	56	13	3.3	0.0
27/08/2023 16:40	2.6	53	13	3.2	0.0
27/08/2023 16:50	2.3	59	14	3.3	0.0
27/08/2023 17:00	2.4	56	14	3.3	0.0
27/08/2023 17:10	2.4	59	12	3.2	0.0
27/08/2023 17:20	2.2	61	13	3.0	0.0
27/08/2023 17:30	2.1	72	15	3.0	0.0
27/08/2023 17:40	2.0	69	14	2.8	0.0
27/08/2023 17:50	1.8	41	17	2.7	0.0
27/08/2023 18:00	1.5	342	19	2.3	0.0
27/08/2023 18:10	1.9	331	14	2.8	0.0
27/08/2023 18:20	0.8	195	47	1.3	0.0
27/08/2023 18:30	0.9	148	17	1.3	0.0
27/08/2023 18:40	0.7	118	13	1.2	0.0
27/08/2023 18:50	0.6	172	12	1.3	0.0
27/08/2023 19:00	0.4	230	11	0.8	0.0
27/08/2023 19:10	0.0	125	6	0.4	0.0
27/08/2023 19:20	0.9	275	8	1.3	0.0
27/08/2023 19:30	0.8	298	13	1.1	0.0
27/08/2023 19:40	0.8	321	8	1.2	0.0
27/08/2023 19:50					0.0
27/08/2023 20:00	0.1	188	0	0.5	0.0
27/08/2023 20:10					0.0
27/08/2023 20:20	1.0	102	10	1.5	0.0
27/08/2023 20:30	1.5	114	14	2.0	0.0
27/08/2023 20:40	1.4	100	14	2.0	0.0
27/08/2023 20:50	1.2	93	11	1.6	0.0
27/08/2023 21:00	1.1	85	13	1.6	0.0
27/08/2023 21:10	1.0	97	12	1.8	0.0
27/08/2023 21:20	1.1	99	12	1.6	0.0
27/08/2023 21:30	1.2	96	9	1.6	0.0
27/08/2023 21:40	1.3	93	9	1.7	0.0
27/08/2023 21:50	1.0	94	9	1.3	0.0
27/08/2023 22:00	1.0	106	8	1.3	0.0
27/08/2023 22:10	0.5	114	9	1.0	0.0
27/08/2023 22:20	0.4	99	7	0.9	0.0
27/08/2023 22:30	0.1	121	6	0.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/08/2023 22:40	0.0	107	0	0.4	0.0
27/08/2023 22:50					0.0
27/08/2023 23:00					0.0
27/08/2023 23:10					0.0
27/08/2023 23:20					0.0
27/08/2023 23:30	0.1	266	1	0.8	0.0
27/08/2023 23:40	0.1	327	2	0.9	0.0
27/08/2023 23:50					0.0
28/08/2023 0:00	0.6	274	11	1.0	0.0
28/08/2023 0:10	0.2	351	22	1.1	0.0
28/08/2023 0:20	0.1	64	1	0.6	0.0
28/08/2023 0:30	0.1	186	9	0.6	0.0
28/08/2023 0:40	0.1	93	2	0.7	0.0
28/08/2023 0:50	0.1	305	15	0.6	0.0
28/08/2023 1:00					0.0
28/08/2023 1:10	0.6	326	26	1.0	0.0
28/08/2023 1:20					0.0
28/08/2023 1:30	0.4	161	9	0.9	0.0
28/08/2023 1:40	0.4	242	31	1.1	0.0
28/08/2023 1:50					0.0
28/08/2023 2:00					0.0
28/08/2023 2:10	0.7	341	3	1.2	0.0
28/08/2023 2:20					0.0
28/08/2023 2:30	0.3	353	3	0.7	0.0
28/08/2023 2:40	0.2	335	14	0.9	0.0
28/08/2023 2:50					0.0
28/08/2023 3:00	0.0	169	1	0.6	0.0
28/08/2023 3:10					0.0
28/08/2023 3:20					0.0
28/08/2023 3:30					0.0
28/08/2023 3:40	0.0	314	1	0.4	0.0
28/08/2023 3:50					0.0
28/08/2023 4:00					0.0
28/08/2023 4:10	0.2	337	1	0.7	0.0
28/08/2023 4:20	0.2	174	4	0.8	0.0
28/08/2023 4:30					0.0
28/08/2023 4:40	0.1	331	1	0.8	0.0
28/08/2023 4:50					0.0
28/08/2023 5:00	0.1	177	2	0.9	0.0
28/08/2023 5:10	0.2	343	3	1.3	0.0
28/08/2023 5:20					0.0
28/08/2023 5:30	0.1	224	2	0.9	0.0
28/08/2023 5:40					0.0
28/08/2023 5:50	0.3	142	27	1.2	0.0
28/08/2023 6:00	1.1	173	32	1.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 6:10	1.1	7	58	2.0	0.0
28/08/2023 6:20	1.2	196	40	2.0	0.0
28/08/2023 6:30	1.6	320	23	2.3	0.0
28/08/2023 6:40	1.1	173	60	1.7	0.0
28/08/2023 6:50	1.0	356	41	1.9	0.0
28/08/2023 7:00	0.8	297	23	1.2	0.0
28/08/2023 7:10	1.0	96	45	2.0	0.0
28/08/2023 7:20	2.2	113	15	3.5	0.0
28/08/2023 7:30	2.3	119	17	3.4	0.0
28/08/2023 7:40	3.0	106	15	4.4	0.0
28/08/2023 7:50	2.9	104	13	4.5	0.0
28/08/2023 8:00	2.8	118	16	4.0	0.0
28/08/2023 8:10	2.9	114	14	4.3	0.0
28/08/2023 8:20	2.8	117	16	4.4	0.0
28/08/2023 8:30	3.1	116	16	4.3	0.0
28/08/2023 8:40	2.8	121	16	4.1	0.0
28/08/2023 8:50	2.7	118	22	4.0	0.0
28/08/2023 9:00	2.8	117	18	4.0	0.0
28/08/2023 9:10	2.9	110	14	4.0	0.0
28/08/2023 9:20	2.6	107	14	3.3	0.0
28/08/2023 9:30	2.7	98	14	3.6	0.0
28/08/2023 9:40	2.7	101	12	3.6	0.0
28/08/2023 9:50	2.6	88	14	3.6	0.0
28/08/2023 10:00	2.2	87	17	3.2	0.0
28/08/2023 10:10	2.1	65	16	2.9	0.0
28/08/2023 10:20	2.5	58	13	3.2	0.0
28/08/2023 10:30	2.2	56	17	2.8	0.0
28/08/2023 10:40	2.1	54	19	2.8	0.0
28/08/2023 10:50	1.8	76	21	2.8	0.0
28/08/2023 11:00	2.0	58	15	2.6	0.0
28/08/2023 11:10	2.4	62	11	3.0	0.0
28/08/2023 11:20	2.2	55	16	2.9	0.0
28/08/2023 11:30	2.4	64	13	3.2	0.0
28/08/2023 11:40	2.3	60	18	3.2	0.0
28/08/2023 11:50	2.3	59	15	3.1	0.0
28/08/2023 12:00	2.5	64	11	3.1	0.0
28/08/2023 12:10	2.8	67	9	3.4	0.0
28/08/2023 12:20	2.8	64	13	3.4	0.0
28/08/2023 12:30	2.8	67	11	3.5	0.0
28/08/2023 12:40	2.9	63	11	3.6	0.0
28/08/2023 12:50	2.8	63	12	3.8	0.0
28/08/2023 13:00	3.4	58	13	4.8	0.0
28/08/2023 13:10	3.1	70	12	4.0	0.0
28/08/2023 13:20	3.0	62	14	3.9	0.0
28/08/2023 13:30	2.8	62	12	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 13:40	2.8	63	11	3.5	0.0
28/08/2023 13:50	2.7	66	13	3.4	0.0
28/08/2023 14:00	2.9	68	10	3.6	0.0
28/08/2023 14:10	2.7	67	12	3.6	0.0
28/08/2023 14:20	2.7	62	11	3.6	0.0
28/08/2023 14:30	2.3	60	13	3.0	0.0
28/08/2023 14:40	2.1	54	15	2.8	0.0
28/08/2023 14:50	2.3	49	13	2.9	0.0
28/08/2023 15:00	1.9	52	15	2.7	0.0
28/08/2023 15:10	1.9	49	13	2.4	0.0
28/08/2023 15:20	1.9	46	14	2.6	0.0
28/08/2023 15:30	1.8	49	14	2.5	0.0
28/08/2023 15:40	2.1	52	12	2.8	0.0
28/08/2023 15:50	2.0	58	13	2.8	0.0
28/08/2023 16:00	2.1	64	13	2.6	0.0
28/08/2023 16:10	2.1	64	13	2.8	0.0
28/08/2023 16:20	2.0	57	13	2.8	0.0
28/08/2023 16:30	1.7	54	14	2.4	0.0
28/08/2023 16:40	1.8	64	13	2.4	0.0
28/08/2023 16:50	1.7	59	10	2.4	0.0
28/08/2023 17:00	1.4	68	18	2.0	0.0
28/08/2023 17:10	1.1	60	16	1.6	0.0
28/08/2023 17:20	1.0	41	19	1.4	0.0
28/08/2023 17:30	2.0	343	13	3.1	0.0
28/08/2023 17:40	1.1	175	13	1.9	0.0
28/08/2023 17:50	0.5	333	12	1.1	0.0
28/08/2023 18:00	0.5	331	8	1.1	0.0
28/08/2023 18:10	1.9	330	8	2.8	0.0
28/08/2023 18:20	0.7	339	17	1.8	0.0
28/08/2023 18:30	1.3	288	11	2.1	0.0
28/08/2023 18:40	1.8	267	20	2.8	0.0
28/08/2023 18:50	2.1	266	17	3.2	0.0
28/08/2023 19:00	2.1	266	19	3.0	0.0
28/08/2023 19:10	2.1	274	18	3.1	0.0
28/08/2023 19:20	2.2	266	15	3.3	0.0
28/08/2023 19:30	2.0	254	20	3.3	0.0
28/08/2023 19:40	2.5	267	17	4.0	0.0
28/08/2023 19:50	1.9	255	21	3.3	0.0
28/08/2023 20:00	1.8	243	29	2.9	0.0
28/08/2023 20:10	1.9	252	37	3.2	0.0
28/08/2023 20:20	2.0	251	31	4.1	0.0
28/08/2023 20:30	2.1	249	35	3.8	0.0
28/08/2023 20:40	1.5	226	38	2.5	0.0
28/08/2023 20:50	1.2	219	35	2.2	0.0
28/08/2023 21:00	1.8	212	22	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/08/2023 21:10	2.0	222	28	3.6	0.0
28/08/2023 21:20	1.7	253	21	2.6	0.0
28/08/2023 21:30	2.0	257	14	3.1	0.0
28/08/2023 21:40	2.0	263	17	2.8	0.0
28/08/2023 21:50	1.8	264	17	2.8	0.0
28/08/2023 22:00	1.8	271	16	2.6	0.0
28/08/2023 22:10	1.3	245	37	2.2	0.0
28/08/2023 22:20	1.2	251	32	2.0	0.0
28/08/2023 22:30	1.3	253	33	2.5	0.0
28/08/2023 22:40	1.1	199	32	2.1	0.0
28/08/2023 22:50	0.5	166	39	0.9	0.0
28/08/2023 23:00	1.1	232	33	2.0	0.0
28/08/2023 23:10	0.9	200	45	1.7	0.0
28/08/2023 23:20	0.7	233	37	1.9	0.0
28/08/2023 23:30	1.2	245	44	2.0	0.0
28/08/2023 23:40	1.0	253	23	1.7	0.0
28/08/2023 23:50	0.5	47	22	1.2	0.0
29/08/2023 0:00	1.0	205	26	1.6	0.0
29/08/2023 0:10	0.7	64	26	1.5	0.0
29/08/2023 0:20	0.6	184	19	1.6	0.0
29/08/2023 0:30	0.3	4	13	1.1	0.0
29/08/2023 0:40	1.1	220	49	2.4	0.0
29/08/2023 0:50	0.9	105	32	2.7	0.0
29/08/2023 1:00	2.8	206	20	4.4	0.0
29/08/2023 1:10	3.2	207	19	4.6	0.0
29/08/2023 1:20	3.7	208	17	5.2	0.0
29/08/2023 1:30	3.6	201	15	5.2	0.0
29/08/2023 1:40	3.6	193	12	5.2	0.0
29/08/2023 1:50	3.6	182	16	6.0	0.0
29/08/2023 2:00	3.9	195	13	5.6	0.0
29/08/2023 2:10	3.8	194	13	5.6	0.0
29/08/2023 2:20	4.0	190	15	6.2	0.0
29/08/2023 2:30	4.7	177	14	6.6	0.0
29/08/2023 2:40	3.9	177	15	6.0	0.0
29/08/2023 2:50	3.2	176	18	5.1	0.0
29/08/2023 3:00	4.4	170	16	6.3	0.0
29/08/2023 3:10	5.8	182	12	7.5	0.0
29/08/2023 3:20	6.4	181	11	9.0	0.0
29/08/2023 3:30	5.8	182	12	7.7	0.0
29/08/2023 3:40	5.4	185	12	7.7	0.0
29/08/2023 3:50	5.9	181	11	8.3	0.0
29/08/2023 4:00	6.4	182	12	8.6	0.0
29/08/2023 4:10	7.1	181	9	8.9	0.0
29/08/2023 4:20	6.9	179	11	8.8	0.0
29/08/2023 4:30	6.1	180	10	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 4:40	6.4	179	10	8.2	0.0
29/08/2023 4:50	6.1	180	9	7.8	0.0
29/08/2023 5:00	5.6	179	10	7.4	0.0
29/08/2023 5:10	5.7	183	10	7.5	0.0
29/08/2023 5:20	5.6	183	10	7.6	0.0
29/08/2023 5:30	5.5	183	10	7.2	0.0
29/08/2023 5:40	5.3	181	10	7.0	0.0
29/08/2023 5:50	3.9	184	14	5.6	0.0
29/08/2023 6:00	5.5	180	11	7.1	0.0
29/08/2023 6:10	5.7	178	10	7.5	0.0
29/08/2023 6:20	5.2	182	11	6.8	0.0
29/08/2023 6:30	5.2	187	10	7.0	0.0
29/08/2023 6:40	5.7	183	11	7.2	0.0
29/08/2023 6:50	4.9	187	11	6.5	0.0
29/08/2023 7:00	4.8	188	11	6.4	0.0
29/08/2023 7:10	4.9	189	12	7.2	0.0
29/08/2023 7:20	4.7	187	12	6.3	0.0
29/08/2023 7:30	3.7	191	12	5.2	0.0
29/08/2023 7:40	3.2	193	12	4.3	0.0
29/08/2023 7:50	1.6	155	31	3.0	0.0
29/08/2023 8:00	2.3	129	20	4.4	0.0
29/08/2023 8:10	2.8	166	22	4.3	0.0
29/08/2023 8:20	3.1	172	17	4.8	0.0
29/08/2023 8:30	3.7	178	18	5.3	0.0
29/08/2023 8:40	3.3	178	19	4.7	0.0
29/08/2023 8:50	3.3	180	15	4.8	0.0
29/08/2023 9:00	4.0	189	13	5.5	0.0
29/08/2023 9:10	3.6	185	14	4.9	0.0
29/08/2023 9:20	3.7	183	13	5.1	0.0
29/08/2023 9:30	3.0	177	17	4.8	0.0
29/08/2023 9:40	2.9	179	16	4.6	0.0
29/08/2023 9:50	2.4	173	24	3.7	0.0
29/08/2023 10:00	1.9	135	33	3.2	0.0
29/08/2023 10:10	2.0	121	24	3.0	0.0
29/08/2023 10:20	1.9	133	32	3.3	0.0
29/08/2023 10:30	2.2	90	20	3.1	0.0
29/08/2023 10:40	2.1	101	17	3.1	0.0
29/08/2023 10:50	2.1	72	15	3.0	0.0
29/08/2023 11:00	2.3	85	17	3.2	0.0
29/08/2023 11:10	2.1	101	20	2.9	0.0
29/08/2023 11:20	2.0	64	20	2.7	0.0
29/08/2023 11:30	2.5	58	13	3.2	0.0
29/08/2023 11:40	2.5	51	13	3.1	0.0
29/08/2023 11:50	2.2	55	15	2.8	0.0
29/08/2023 12:00	2.0	52	12	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 12:10	2.0	54	17	2.8	0.0
29/08/2023 12:20	2.4	54	15	3.3	0.0
29/08/2023 12:30	2.6	71	11	3.7	0.0
29/08/2023 12:40	2.9	70	15	4.0	0.0
29/08/2023 12:50	2.7	75	14	3.7	0.0
29/08/2023 13:00	3.0	73	13	4.0	0.0
29/08/2023 13:10	2.6	78	13	3.4	0.0
29/08/2023 13:20	3.4	71	13	4.4	0.0
29/08/2023 13:30	3.0	68	13	4.2	0.0
29/08/2023 13:40	3.0	57	13	4.1	0.0
29/08/2023 13:50	2.6	69	13	3.2	0.0
29/08/2023 14:00	2.8	67	13	3.7	0.0
29/08/2023 14:10	2.7	59	11	3.4	0.0
29/08/2023 14:20	2.7	66	16	3.6	0.0
29/08/2023 14:30	2.9	61	14	4.0	0.0
29/08/2023 14:40	2.7	57	11	3.5	0.0
29/08/2023 14:50	2.7	60	13	3.4	0.0
29/08/2023 15:00	2.9	57	13	3.9	0.0
29/08/2023 15:10	2.4	55	16	3.2	0.0
29/08/2023 15:20	2.4	59	15	3.2	0.0
29/08/2023 15:30	2.2	64	13	3.0	0.0
29/08/2023 15:40	2.3	66	12	2.9	0.0
29/08/2023 15:50	2.3	67	13	3.0	0.0
29/08/2023 16:00	2.3	65	13	3.2	0.0
29/08/2023 16:10	2.3	58	12	3.1	0.0
29/08/2023 16:20	2.2	53	13	2.8	0.0
29/08/2023 16:30	2.1	53	12	2.8	0.0
29/08/2023 16:40	3.0	167	19	4.4	0.0
29/08/2023 16:50	3.5	336	11	5.2	0.0
29/08/2023 17:00	2.6	336	16	3.8	0.0
29/08/2023 17:10	2.0	299	28	2.8	0.0
29/08/2023 17:20	2.1	249	25	3.2	0.0
29/08/2023 17:30	2.2	269	23	2.9	0.0
29/08/2023 17:40	2.5	302	14	3.3	0.0
29/08/2023 17:50	1.9	283	20	3.1	0.0
29/08/2023 18:00	1.6	234	25	2.5	0.0
29/08/2023 18:10	1.4	250	26	2.3	0.0
29/08/2023 18:20	1.7	279	16	2.4	0.0
29/08/2023 18:30	1.3	302	17	2.1	0.0
29/08/2023 18:40	0.7	290	15	1.2	0.0
29/08/2023 18:50					0.0
29/08/2023 19:00	0.7	278	10	1.6	0.0
29/08/2023 19:10	1.4	274	17	2.1	0.0
29/08/2023 19:20	1.4	272	14	1.8	0.0
29/08/2023 19:30	1.6	272	14	2.3	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/08/2023 19:40	1.8	250	13	2.8	0.0
29/08/2023 19:50	1.8	247	13	2.7	0.0
29/08/2023 20:00	1.7	233	15	2.4	0.0
29/08/2023 20:10	1.6	240	16	2.3	0.0
29/08/2023 20:20	1.8	235	19	2.8	0.0
29/08/2023 20:30	1.8	258	30	3.0	0.0
29/08/2023 20:40	2.0	235	25	2.8	0.0
29/08/2023 20:50	2.0	244	28	3.2	0.0
29/08/2023 21:00	2.1	232	20	3.1	0.0
29/08/2023 21:10	1.7	273	28	2.9	0.0
29/08/2023 21:20	1.8	225	34	2.7	0.0
29/08/2023 21:30	1.8	261	34	2.7	0.0
29/08/2023 21:40	1.6	240	24	2.9	0.0
29/08/2023 21:50	1.1	206	39	1.9	0.0
29/08/2023 22:00	1.3	240	26	2.1	0.0
29/08/2023 22:10	1.6	254	28	2.8	0.0
29/08/2023 22:20	1.3	236	42	2.8	0.0
29/08/2023 22:30	1.4	261	25	2.4	0.0
29/08/2023 22:40	1.3	245	38	2.4	0.0
29/08/2023 22:50	1.6	254	29	2.8	0.0
29/08/2023 23:00	1.6	265	23	2.8	0.0
29/08/2023 23:10	1.8	266	25	3.1	0.0
29/08/2023 23:20	1.5	274	23	2.4	0.0
29/08/2023 23:30	1.6	261	25	3.0	0.0
29/08/2023 23:40	1.7	265	16	2.5	0.0
29/08/2023 23:50	1.4	277	14	2.4	0.0
30/08/2023 0:00	1.1	281	14	1.7	0.0
30/08/2023 0:10	1.2	283	35	1.8	0.0
30/08/2023 0:20	0.6	339	30	1.5	0.0
30/08/2023 0:30	1.6	273	12	2.2	0.0
30/08/2023 0:40	0.6	277	19	1.6	0.0
30/08/2023 0:50	0.5	163	43	1.2	0.0
30/08/2023 1:00	1.3	277	29	2.0	0.0
30/08/2023 1:10	0.3	166	16	0.9	0.0
30/08/2023 1:20	0.4	205	30	1.2	0.0
30/08/2023 1:30	0.7	285	11	1.5	0.0
30/08/2023 1:40	0.4	185	25	1.2	0.0
30/08/2023 1:50	0.3	183	37	0.9	0.0
30/08/2023 2:00	0.4	78	27	0.9	0.0
30/08/2023 2:10					0.0
30/08/2023 2:20					0.0
30/08/2023 2:30	0.3	163	14	1.1	0.0
30/08/2023 2:40					0.0
30/08/2023 2:50	0.0	25	1	1.1	0.0
30/08/2023 3:00	0.3	150	9	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 3:10	0.2	174	8	0.8	0.0
30/08/2023 3:20					0.0
30/08/2023 3:30					0.0
30/08/2023 3:40	0.5	309	10	1.0	0.0
30/08/2023 3:50	0.9	320	20	1.2	0.0
30/08/2023 4:00	0.7	346	25	1.2	0.0
30/08/2023 4:10	1.1	336	35	1.6	0.0
30/08/2023 4:20	0.1	113	2	0.7	0.0
30/08/2023 4:30	0.4	184	18	1.2	0.0
30/08/2023 4:40	1.0	319	45	2.4	0.0
30/08/2023 4:50	1.6	96	48	3.1	0.0
30/08/2023 5:00	1.4	9	34	2.3	0.0
30/08/2023 5:10	4.3	176	11	6.0	0.0
30/08/2023 5:20	4.8	184	11	6.4	0.0
30/08/2023 5:30	5.4	180	10	7.0	0.0
30/08/2023 5:40	4.7	178	12	6.7	0.0
30/08/2023 5:50	5.4	183	11	7.1	0.0
30/08/2023 6:00	6.1	181	9	7.3	0.0
30/08/2023 6:10	4.6	178	12	6.0	0.0
30/08/2023 6:20	4.6	180	11	6.1	0.0
30/08/2023 6:30	5.4	183	7	6.8	0.0
30/08/2023 6:40	3.9	167	15	5.6	0.0
30/08/2023 6:50	4.0	170	15	5.7	0.0
30/08/2023 7:00	3.9	172	15	5.9	0.0
30/08/2023 7:10	4.3	168	15	5.9	0.0
30/08/2023 7:20	4.1	173	14	6.1	0.0
30/08/2023 7:30	4.5	180	13	6.0	0.0
30/08/2023 7:40	4.4	172	14	6.0	0.0
30/08/2023 7:50	4.8	177	13	6.9	0.0
30/08/2023 8:00	4.7	176	10	5.9	0.0
30/08/2023 8:10	5.0	179	11	7.1	0.0
30/08/2023 8:20	4.9	176	14	6.9	0.0
30/08/2023 8:30	4.3	180	16	6.3	0.0
30/08/2023 8:40	3.9	180	15	5.8	0.0
30/08/2023 8:50	3.9	171	15	5.4	0.0
30/08/2023 9:00	3.2	178	16	5.4	0.0
30/08/2023 9:10	3.3	165	16	4.8	0.0
30/08/2023 9:20	3.1	173	21	4.6	0.0
30/08/2023 9:30	2.5	162	18	3.6	0.0
30/08/2023 9:40	3.1	179	19	5.3	0.0
30/08/2023 9:50	2.7	120	40	4.4	0.0
30/08/2023 10:00	2.3	131	20	3.2	0.0
30/08/2023 10:10	2.2	95	16	3.1	0.0
30/08/2023 10:20	1.8	111	25	2.8	0.0
30/08/2023 10:30	2.2	74	16	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 10:40	2.1	55	17	3.1	0.0
30/08/2023 10:50	2.4	58	15	3.5	0.0
30/08/2023 11:00	2.4	55	14	3.2	0.0
30/08/2023 11:10	2.9	52	10	3.7	0.0
30/08/2023 11:20	2.3	64	14	2.9	0.0
30/08/2023 11:30	2.2	62	23	3.7	0.0
30/08/2023 11:40	2.8	68	17	5.2	0.0
30/08/2023 11:50	3.2	78	17	5.1	0.0
30/08/2023 12:00	3.2	73	13	4.5	0.0
30/08/2023 12:10	3.2	74	14	4.5	0.0
30/08/2023 12:20	3.5	70	13	4.8	0.0
30/08/2023 12:30	3.6	69	14	5.5	0.0
30/08/2023 12:40	3.2	69	14	4.7	0.0
30/08/2023 12:50	3.7	70	11	4.8	0.0
30/08/2023 13:00	3.3	70	10	4.4	0.0
30/08/2023 13:10	3.4	65	10	4.3	0.0
30/08/2023 13:20	3.3	67	10	4.2	0.0
30/08/2023 13:30	3.0	70	12	3.9	0.0
30/08/2023 13:40	3.1	65	11	4.1	0.0
30/08/2023 13:50	3.0	69	10	4.0	0.0
30/08/2023 14:00	2.8	69	12	3.7	0.0
30/08/2023 14:10	2.7	66	11	3.3	0.0
30/08/2023 14:20	2.6	61	9	3.2	0.0
30/08/2023 14:30	2.5	57	14	3.2	0.0
30/08/2023 14:40	2.2	60	17	3.0	0.0
30/08/2023 14:50	2.5	48	15	3.5	0.0
30/08/2023 15:00	3.0	38	13	3.9	0.0
30/08/2023 15:10	3.6	26	14	5.0	0.0
30/08/2023 15:20	4.1	21	15	5.5	0.0
30/08/2023 15:30	3.7	29	18	5.5	0.0
30/08/2023 15:40	3.6	42	14	5.2	0.0
30/08/2023 15:50	3.5	34	15	5.3	0.0
30/08/2023 16:00	3.6	35	14	4.8	0.0
30/08/2023 16:10	3.3	41	13	4.8	0.0
30/08/2023 16:20	3.1	43	15	4.8	0.0
30/08/2023 16:30	3.2	32	15	4.8	0.0
30/08/2023 16:40	3.2	38	13	4.7	0.0
30/08/2023 16:50	3.4	1	14	4.5	0.0
30/08/2023 17:00	3.7	353	15	4.7	0.0
30/08/2023 17:10	3.1	352	11	4.0	0.0
30/08/2023 17:20	2.9	347	11	3.8	0.0
30/08/2023 17:30	2.5	349	11	3.4	0.0
30/08/2023 17:40	2.2	333	8	2.9	0.0
30/08/2023 17:50	1.7	319	12	2.4	0.0
30/08/2023 18:00	2.1	302	12	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/08/2023 18:10	1.9	277	16	2.8	0.0
30/08/2023 18:20	2.4	263	15	3.6	0.0
30/08/2023 18:30	2.2	272	15	3.3	0.0
30/08/2023 18:40	1.7	268	16	2.4	0.0
30/08/2023 18:50	1.6	277	17	2.1	0.0
30/08/2023 19:00	1.6	280	19	2.2	0.0
30/08/2023 19:10	1.5	286	13	2.0	0.0
30/08/2023 19:20	1.6	274	12	2.2	0.0
30/08/2023 19:30	1.4	265	14	2.1	0.0
30/08/2023 19:40	1.5	258	16	2.0	0.0
30/08/2023 19:50	1.5	241	21	2.3	0.0
30/08/2023 20:00	1.5	232	19	2.7	0.0
30/08/2023 20:10	2.6	215	10	3.5	0.0
30/08/2023 20:20	2.6	217	12	3.5	0.0
30/08/2023 20:30	1.8	211	16	2.8	0.0
30/08/2023 20:40	1.5	198	13	2.0	0.0
30/08/2023 20:50	1.7	212	16	2.4	0.0
30/08/2023 21:00	1.3	253	26	1.8	0.0
30/08/2023 21:10	0.7	253	37	1.6	0.0
30/08/2023 21:20	0.4	127	5	1.2	0.0
30/08/2023 21:30	0.4	188	21	1.0	0.0
30/08/2023 21:40	0.9	164	17	1.4	0.0
30/08/2023 21:50	0.3	308	15	1.1	0.0
30/08/2023 22:00					0.0
30/08/2023 22:10					0.0
30/08/2023 22:20	0.3	44	17	0.8	0.0
30/08/2023 22:30					0.0
30/08/2023 22:40	0.2	170	2	0.8	0.0
30/08/2023 22:50					0.0
30/08/2023 23:00					0.0
30/08/2023 23:10					0.0
30/08/2023 23:20	0.0	162	0	0.8	0.0
30/08/2023 23:30	0.1	138	4	0.8	0.0
30/08/2023 23:40	0.3	301	8	1.3	0.0
30/08/2023 23:50					0.0
31/08/2023 0:00					0.0
31/08/2023 0:10	0.1	115	5	0.8	0.0
31/08/2023 0:20	0.3	170	38	1.2	0.0
31/08/2023 0:30	0.2	53	12	0.9	0.0
31/08/2023 0:40	0.2	183	8	0.9	0.0
31/08/2023 0:50	0.8	233	26	3.0	0.0
31/08/2023 1:00	1.5	122	76	3.2	0.0
31/08/2023 1:10	1.4	195	46	2.7	0.0
31/08/2023 1:20	1.4	183	54	2.4	0.0
31/08/2023 1:30	0.3	125	36	1.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 1:40	1.0	333	29	1.6	0.0
31/08/2023 1:50	0.3	67	14	0.8	0.0
31/08/2023 2:00	0.4	23	46	1.2	0.0
31/08/2023 2:10	0.8	182	57	1.6	0.0
31/08/2023 2:20	0.3	59	16	0.9	0.0
31/08/2023 2:30	0.2	167	6	0.8	0.0
31/08/2023 2:40	0.7	341	26	1.4	0.0
31/08/2023 2:50	0.7	172	18	1.5	0.0
31/08/2023 3:00	0.7	293	44	1.3	0.0
31/08/2023 3:10	3.1	197	46	5.0	0.0
31/08/2023 3:20	4.0	200	11	5.2	0.0
31/08/2023 3:30	4.3	194	10	6.1	0.0
31/08/2023 3:40	6.2	184	9	7.5	0.0
31/08/2023 3:50	5.9	182	8	7.7	0.0
31/08/2023 4:00	5.9	185	9	7.3	0.0
31/08/2023 4:10	5.1	182	13	6.8	0.0
31/08/2023 4:20	4.2	176	15	6.0	0.0
31/08/2023 4:30	5.2	183	13	6.9	0.0
31/08/2023 4:40	5.0	179	14	6.9	0.0
31/08/2023 4:50	5.6	181	13	7.9	0.0
31/08/2023 5:00	5.5	183	11	6.8	0.0
31/08/2023 5:10	6.0	181	10	7.6	0.0
31/08/2023 5:20	4.5	174	13	6.9	0.0
31/08/2023 5:30	3.9	169	15	5.7	0.0
31/08/2023 5:40	3.9	176	16	6.3	0.0
31/08/2023 5:50	5.1	188	13	7.1	0.0
31/08/2023 6:00	5.3	182	11	7.0	0.0
31/08/2023 6:10	5.8	182	10	7.5	0.0
31/08/2023 6:20	5.9	180	10	7.2	0.0
31/08/2023 6:30	4.4	181	12	6.1	0.0
31/08/2023 6:40	3.6	150	18	5.4	0.0
31/08/2023 6:50	3.0	127	20	4.5	0.0
31/08/2023 7:00	2.4	118	13	3.2	0.0
31/08/2023 7:10	2.0	110	13	2.7	0.0
31/08/2023 7:20	2.1	115	14	3.1	0.0
31/08/2023 7:30	2.4	117	15	3.2	0.0
31/08/2023 7:40	2.2	136	19	3.0	0.0
31/08/2023 7:50	2.4	116	14	3.2	0.0
31/08/2023 8:00	2.0	117	15	2.9	0.0
31/08/2023 8:10	2.1	107	14	2.9	0.0
31/08/2023 8:20	2.2	111	17	3.2	0.0
31/08/2023 8:30	2.2	108	18	3.2	0.0
31/08/2023 8:40	2.5	111	15	3.5	0.0
31/08/2023 8:50	2.5	107	16	3.8	0.0
31/08/2023 9:00	2.1	123	24	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 9:10	2.2	143	22	3.1	0.0
31/08/2023 9:20	2.3	136	26	3.6	0.0
31/08/2023 9:30	2.3	142	26	4.1	0.0
31/08/2023 9:40	2.1	106	20	3.0	0.0
31/08/2023 9:50	2.1	88	19	3.1	0.0
31/08/2023 10:00	2.3	79	17	3.3	0.0
31/08/2023 10:10	2.3	74	16	3.5	0.0
31/08/2023 10:20	2.4	97	23	3.3	0.0
31/08/2023 10:30	2.7	65	17	3.9	0.0
31/08/2023 10:40	2.4	57	15	3.5	0.0
31/08/2023 10:50	1.3	60	25	2.0	0.0
31/08/2023 11:00	2.1	55	16	3.1	0.0
31/08/2023 11:10	2.1	70	18	3.5	0.0
31/08/2023 11:20	2.4	72	13	3.4	0.0
31/08/2023 11:30	1.9	60	18	2.8	0.0
31/08/2023 11:40	2.5	76	18	3.6	0.0
31/08/2023 11:50	2.7	70	15	3.5	0.0
31/08/2023 12:00	3.2	58	13	4.4	0.0
31/08/2023 12:10	3.5	47	13	4.9	0.0
31/08/2023 12:20	4.0	47	13	5.4	0.0
31/08/2023 12:30	4.0	48	12	5.7	0.0
31/08/2023 12:40	3.9	42	15	5.2	0.0
31/08/2023 12:50	3.8	41	15	5.2	0.0
31/08/2023 13:00	4.2	42	10	5.3	0.0
31/08/2023 13:10	3.3	53	13	4.8	0.0
31/08/2023 13:20	3.1	47	14	4.3	0.0
31/08/2023 13:30	2.8	53	15	4.0	0.0
31/08/2023 13:40	2.7	55	16	3.9	0.0
31/08/2023 13:50	3.3	63	13	4.8	0.0
31/08/2023 14:00	3.2	57	14	4.6	0.0
31/08/2023 14:10	3.5	55	13	4.8	0.0
31/08/2023 14:20	3.5	61	13	4.7	0.0
31/08/2023 14:30	3.4	64	11	4.4	0.0
31/08/2023 14:40	3.2	53	13	4.4	0.0
31/08/2023 14:50	3.4	48	11	4.7	0.0
31/08/2023 15:00	2.9	54	14	4.0	0.0
31/08/2023 15:10	2.7	54	15	3.6	0.0
31/08/2023 15:20	3.0	49	17	4.0	0.0
31/08/2023 15:30	3.0	48	15	4.1	0.0
31/08/2023 15:40	3.0	52	13	3.9	0.0
31/08/2023 15:50	2.7	57	14	3.9	0.0
31/08/2023 16:00	2.6	63	14	3.6	0.0
31/08/2023 16:10	2.7	58	17	3.9	0.0
31/08/2023 16:20	2.6	58	15	3.4	0.0
31/08/2023 16:30	2.4	58	15	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/08/2023 16:40	2.6	49	16	4.0	0.0
31/08/2023 16:50	2.8	51	13	4.1	0.0
31/08/2023 17:00	2.7	46	13	4.1	0.0
31/08/2023 17:10	2.9	42	15	4.6	0.0
31/08/2023 17:20	3.5	18	14	5.2	0.0
31/08/2023 17:30	1.8	16	16	3.0	0.0
31/08/2023 17:40	0.4	80	30	1.0	0.0
31/08/2023 17:50	1.2	129	28	1.9	0.0
31/08/2023 18:00	1.1	245	42	1.6	0.0
31/08/2023 18:10	0.7	287	30	1.2	0.0
31/08/2023 18:20	1.0	251	23	1.5	0.0
31/08/2023 18:30	0.4	234	38	1.1	0.0
31/08/2023 18:40	1.2	288	18	1.9	0.0
31/08/2023 18:50	0.9	326	19	1.5	0.0
31/08/2023 19:00	0.6	331	20	1.0	0.0
31/08/2023 19:10	0.3	150	12	0.7	0.0
31/08/2023 19:20	0.6	2	11	0.9	0.0
31/08/2023 19:30	1.0	303	9	1.6	0.0
31/08/2023 19:40	1.0	315	9	1.2	0.0
31/08/2023 19:50	1.0	331	8	1.2	0.0
31/08/2023 20:00	0.3	248	5	0.8	0.0
31/08/2023 20:10	0.9	238	21	1.4	0.0
31/08/2023 20:20	0.5	277	29	0.9	0.0
31/08/2023 20:30	0.2	215	4	0.8	0.0
31/08/2023 20:40	0.2	289	33	0.7	0.0
31/08/2023 20:50	0.6	164	36	0.9	0.0
31/08/2023 21:00	0.2	63	3	0.8	0.0
31/08/2023 21:10	0.3	196	42	0.7	0.0
31/08/2023 21:20	0.6	315	27	1.4	0.0
31/08/2023 21:30	1.6	220	34	2.4	0.0
31/08/2023 21:40	1.5	233	48	2.2	0.0
31/08/2023 21:50	0.6	183	13	1.2	0.0
31/08/2023 22:00	0.2	45	13	0.8	0.0
31/08/2023 22:10	0.8	204	36	2.0	0.0
31/08/2023 22:20	1.9	198	22	3.0	0.0
31/08/2023 22:30	2.7	205	12	3.9	0.0
31/08/2023 22:40	1.8	211	27	3.0	0.0
31/08/2023 22:50	1.5	263	30	2.0	0.0
31/08/2023 23:00	1.2	223	21	2.4	0.0
31/08/2023 23:10	1.4	247	41	2.4	0.0
31/08/2023 23:20	1.0	267	43	2.0	0.0
31/08/2023 23:30	1.8	212	25	2.8	0.0
31/08/2023 23:40	1.0	214	45	1.8	0.0
31/08/2023 23:50	0.7	239	47	1.2	0.0
1/09/2023 0:00	1.0	246	29	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/09/2023 0:10	1.0	268	34	2.0	0.0
1/09/2023 0:20	1.1	274	44	2.5	0.0
1/09/2023 0:30	1.2	239	39	2.4	0.0
1/09/2023 0:40	1.2	230	43	3.1	0.0
1/09/2023 0:50	1.3	273	74	2.0	0.0
1/09/2023 1:00	1.7	240	36	2.6	0.0
1/09/2023 1:10	2.4	199	20	3.8	0.0
1/09/2023 1:20	1.2	243	53	2.9	0.0
1/09/2023 1:30	2.1	190	19	4.0	0.0
1/09/2023 1:40	3.5	175	14	5.1	0.0
1/09/2023 1:50	2.1	173	22	3.3	0.0
1/09/2023 2:00	2.3	177	26	3.6	0.0
1/09/2023 2:10	1.6	105	59	2.4	0.0
1/09/2023 2:20	1.6	258	69	2.8	0.0
1/09/2023 2:30	1.3	332	23	2.3	0.0
1/09/2023 2:40	1.0	346	15	1.6	0.0
1/09/2023 2:50	1.3	244	44	2.8	0.0
1/09/2023 3:00	3.5	180	19	4.8	0.0
1/09/2023 3:10	4.2	187	14	5.8	0.0
1/09/2023 3:20	4.0	180	12	5.9	0.0
1/09/2023 3:30	4.4	184	9	5.4	0.0
1/09/2023 3:40	4.4	188	9	6.6	0.0
1/09/2023 3:50	4.5	186	10	6.0	0.0
1/09/2023 4:00	4.6	191	10	5.9	0.0
1/09/2023 4:10	4.2	188	15	6.2	0.0
1/09/2023 4:20	3.7	175	15	5.2	0.0
1/09/2023 4:30	4.6	190	9	6.0	0.0
1/09/2023 4:40	4.7	187	9	6.0	0.0
1/09/2023 4:50	4.4	190	10	5.9	0.0
1/09/2023 5:00	4.6	186	13	6.0	0.0
1/09/2023 5:10	5.2	189	11	6.4	0.0
1/09/2023 5:20	5.3	187	10	7.2	0.0
1/09/2023 5:30	5.2	186	10	7.4	0.0
1/09/2023 5:40	5.6	189	10	7.9	0.0
1/09/2023 5:50	5.3	188	11	7.0	0.0
1/09/2023 6:00	5.6	190	10	7.2	0.0
1/09/2023 6:10	5.3	189	11	6.9	0.0
1/09/2023 6:20	5.4	187	11	7.2	0.0
1/09/2023 6:30	5.0	189	10	6.6	0.0
1/09/2023 6:40	4.9	184	13	6.6	0.0
1/09/2023 6:50	5.5	188	11	7.5	0.0
1/09/2023 7:00	4.6	183	16	6.5	0.0
1/09/2023 7:10	2.7	176	15	4.0	0.0
1/09/2023 7:20	1.9	146	26	2.6	0.0
1/09/2023 7:30	2.9	118	17	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/09/2023 7:40	2.5	123	17	3.6	0.0
1/09/2023 7:50	2.3	125	22	3.3	0.0
1/09/2023 8:00	2.6	113	15	4.2	0.0
1/09/2023 8:10	2.7	118	18	4.0	0.0
1/09/2023 8:20	2.4	116	20	3.6	0.0
1/09/2023 8:30	2.6	130	21	3.8	0.0
1/09/2023 8:40	2.1	115	23	3.3	0.0
1/09/2023 8:50	2.0	105	19	3.2	0.0
1/09/2023 9:00	2.4	105	15	3.7	0.0
1/09/2023 9:10	2.5	111	15	3.5	0.0
1/09/2023 9:20	2.7	118	17	4.0	0.0
1/09/2023 9:30	2.7	122	24	4.0	0.0
1/09/2023 9:40	2.8	114	14	3.6	0.0
1/09/2023 9:50	2.6	115	14	3.2	0.0
1/09/2023 10:00	2.4	83	20	3.4	0.0
1/09/2023 10:10	2.6	69	14	3.3	0.0
1/09/2023 10:20	2.6	57	16	3.6	0.0
1/09/2023 10:30	3.0	60	13	4.0	0.0
1/09/2023 10:40	3.0	62	12	3.9	0.0
1/09/2023 10:50	3.1	64	13	4.0	0.0
1/09/2023 11:00	3.0	61	13	3.8	0.0
1/09/2023 11:10	3.0	67	12	3.9	0.0
1/09/2023 11:20	2.9	71	11	3.7	0.0
1/09/2023 11:30	3.0	65	14	4.1	0.0
1/09/2023 11:40	3.0	63	17	4.6	0.0
1/09/2023 11:50	3.4	56	14	4.7	0.0
1/09/2023 12:00	3.7	49	12	5.2	0.0
1/09/2023 12:10	3.7	46	15	5.5	0.0
1/09/2023 12:20	4.3	44	13	6.3	0.0
1/09/2023 12:30	4.5	46	12	6.4	0.0
1/09/2023 12:40	4.3	44	14	5.9	0.0
1/09/2023 12:50	4.0	46	15	5.6	0.0
1/09/2023 13:00	3.6	51	17	5.1	0.0
1/09/2023 13:10	3.5	53	14	4.8	0.0
1/09/2023 13:20	3.5	53	12	4.8	0.0
1/09/2023 13:30	3.6	53	14	4.9	0.0
1/09/2023 13:40	3.3	48	14	4.6	0.0
1/09/2023 13:50	3.4	47	16	5.3	0.0
1/09/2023 14:00	3.9	48	14	5.4	0.0
1/09/2023 14:10	3.9	44	15	5.4	0.0
1/09/2023 14:20	3.8	49	15	5.8	0.0
1/09/2023 14:30	4.3	49	14	5.8	0.0
1/09/2023 14:40	4.6	46	12	7.1	0.0
1/09/2023 14:50	4.7	45	14	6.9	0.0
1/09/2023 15:00	4.3	47	13	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/09/2023 15:10	4.1	48	13	5.5	0.0
1/09/2023 15:20	4.2	45	13	6.2	0.0
1/09/2023 15:30	4.1	46	14	6.0	0.0
1/09/2023 15:40	4.3	38	15	5.9	0.0
1/09/2023 15:50	4.1	42	14	5.8	0.0
1/09/2023 16:00	3.9	50	13	5.9	0.0
1/09/2023 16:10	4.4	47	11	6.2	0.0
1/09/2023 16:20	3.6	49	12	5.5	0.0
1/09/2023 16:30	3.6	50	13	5.0	0.0
1/09/2023 16:40	3.1	54	11	4.1	0.0
1/09/2023 16:50	2.8	57	13	4.0	0.0
1/09/2023 17:00	3.1	64	11	4.4	0.0
1/09/2023 17:10	2.8	63	12	3.7	0.0
1/09/2023 17:20	2.7	64	13	3.6	0.0
1/09/2023 17:30	2.5	67	11	3.2	0.0
1/09/2023 17:40	1.7	70	18	2.8	0.0
1/09/2023 17:50	1.2	84	18	2.0	0.0
1/09/2023 18:00	0.9	117	14	1.2	0.0
1/09/2023 18:10	0.6	110	11	1.2	0.0
1/09/2023 18:20	0.4	164	33	1.1	0.0
1/09/2023 18:30					0.0
1/09/2023 18:40	1.0	280	13	1.6	0.0
1/09/2023 18:50	1.6	273	11	2.3	0.0
1/09/2023 19:00	2.2	259	21	3.5	0.0
1/09/2023 19:10	2.8	258	16	4.0	0.0
1/09/2023 19:20	2.4	271	16	3.6	0.0
1/09/2023 19:30	2.5	267	18	3.6	0.0
1/09/2023 19:40	2.0	267	19	2.9	0.0
1/09/2023 19:50	1.2	245	39	3.2	0.0
1/09/2023 20:00	1.6	255	38	3.2	0.0
1/09/2023 20:10	1.5	232	42	3.6	0.0
1/09/2023 20:20	1.3	257	41	2.5	0.0
1/09/2023 20:30	1.1	274	43	2.6	0.0
1/09/2023 20:40	0.6	208	56	1.4	0.0
1/09/2023 20:50	1.3	191	30	2.4	0.0
1/09/2023 21:00	1.3	193	21	2.1	0.0
1/09/2023 21:10	0.6	170	46	1.2	0.0
1/09/2023 21:20	0.4	270	61	1.5	0.0
1/09/2023 21:30	0.3	179	53	1.3	0.0
1/09/2023 21:40	0.4	33	59	1.0	0.0
1/09/2023 21:50	0.8	201	47	2.0	0.0
1/09/2023 22:00	0.7	268	48	1.9	0.0
1/09/2023 22:10	0.8	242	41	1.8	0.0
1/09/2023 22:20	1.4	277	21	2.2	0.0
1/09/2023 22:30	0.9	294	20	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/09/2023 22:40	0.6	171	55	1.7	0.0
1/09/2023 22:50	0.4	299	47	1.1	0.0
1/09/2023 23:00	0.6	303	31	1.4	0.0
1/09/2023 23:10	0.8	227	30	1.8	0.0
1/09/2023 23:20	0.2	146	22	0.8	0.0
1/09/2023 23:30	0.4	277	59	1.1	0.0
1/09/2023 23:40	1.2	269	43	2.4	0.0
1/09/2023 23:50	0.9	308	34	1.8	0.0
2/09/2023 0:00	1.3	302	12	1.8	0.0
2/09/2023 0:10	0.7	234	25	1.6	0.0
2/09/2023 0:20	0.7	215	37	1.9	0.0
2/09/2023 0:30	0.2	238	23	1.0	0.0
2/09/2023 0:40	0.5	177	26	1.2	0.0
2/09/2023 0:50	0.4	235	27	1.3	0.0
2/09/2023 1:00	0.6	214	52	1.4	0.0
2/09/2023 1:10	0.4	161	19	1.3	0.0
2/09/2023 1:20	1.0	195	34	1.6	0.0
2/09/2023 1:30	0.6	197	38	1.2	0.0
2/09/2023 1:40	1.1	206	35	2.1	0.0
2/09/2023 1:50	1.3	246	38	2.4	0.0
2/09/2023 2:00	1.1	268	48	2.0	0.0
2/09/2023 2:10	1.2	277	31	2.0	0.0
2/09/2023 2:20	0.7	261	50	2.0	0.0
2/09/2023 2:30	0.5	161	47	1.7	0.0
2/09/2023 2:40	0.3	181	46	1.5	0.0
2/09/2023 2:50	1.4	269	47	2.7	0.0
2/09/2023 3:00	1.5	271	34	2.5	0.0
2/09/2023 3:10	0.7	262	65	1.8	0.0
2/09/2023 3:20	0.9	261	72	2.0	0.0
2/09/2023 3:30	1.0	217	61	2.4	0.0
2/09/2023 3:40	0.8	175	28	1.8	0.0
2/09/2023 3:50	0.7	179	50	1.5	0.0
2/09/2023 4:00	0.8	181	56	1.4	0.0
2/09/2023 4:10	1.0	191	20	1.6	0.0
2/09/2023 4:20	1.1	236	36	2.4	0.0
2/09/2023 4:30	1.7	259	23	3.0	0.0
2/09/2023 4:40	1.6	261	26	2.4	0.0
2/09/2023 4:50	2.0	247	26	3.8	0.0
2/09/2023 5:00	2.2	246	29	3.5	0.0
2/09/2023 5:10	2.3	252	27	4.3	0.0
2/09/2023 5:20	2.4	253	21	3.6	0.0
2/09/2023 5:30	2.2	251	24	3.8	0.0
2/09/2023 5:40	2.3	235	30	4.0	0.0
2/09/2023 5:50	2.8	210	22	4.9	0.0
2/09/2023 6:00	3.2	206	16	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/09/2023 6:10	3.8	205	14	5.2	0.0
2/09/2023 6:20	4.2	205	12	5.8	0.0
2/09/2023 6:30	4.5	202	11	5.7	0.0
2/09/2023 6:40	4.4	206	13	6.0	0.0
2/09/2023 6:50	4.5	202	10	5.7	0.0
2/09/2023 7:00	4.1	202	11	5.4	0.0
2/09/2023 7:10	4.1	202	10	5.3	0.0
2/09/2023 7:20	4.3	203	8	5.6	0.0
2/09/2023 7:30	3.9	203	10	5.2	0.0
2/09/2023 7:40	4.1	203	11	5.3	0.0
2/09/2023 7:50	4.4	206	9	5.4	0.0
2/09/2023 8:00	4.2	200	12	5.4	0.0
2/09/2023 8:10	4.3	201	11	5.7	0.0
2/09/2023 8:20	4.1	201	12	5.5	0.0
2/09/2023 8:30	4.4	203	10	5.6	0.0
2/09/2023 8:40	4.3	198	9	5.4	0.0
2/09/2023 8:50	4.1	196	9	5.2	0.0
2/09/2023 9:00	4.0	194	11	5.2	0.0
2/09/2023 9:10	4.1	196	10	5.5	0.0
2/09/2023 9:20	3.7	197	11	4.9	0.0
2/09/2023 9:30	3.7	195	12	5.5	0.0
2/09/2023 9:40	2.8	183	16	4.4	0.0
2/09/2023 9:50	2.8	184	19	4.0	0.0
2/09/2023 10:00	2.5	187	17	4.0	0.0
2/09/2023 10:10	2.6	185	20	3.9	0.0
2/09/2023 10:20	2.3	192	21	3.7	0.0
2/09/2023 10:30	1.9	201	23	3.5	0.0
2/09/2023 10:40	1.7	188	34	3.3	0.0
2/09/2023 10:50	2.3	208	21	3.6	0.0
2/09/2023 11:00	2.2	206	25	3.5	0.0
2/09/2023 11:10	2.0	203	29	3.4	0.0
2/09/2023 11:20	2.1	196	28	3.7	0.0
2/09/2023 11:30	1.9	168	41	3.8	0.0
2/09/2023 11:40	1.5	196	50	2.5	0.0
2/09/2023 11:50	2.3	94	52	3.4	0.0
2/09/2023 12:00	2.2	81	42	3.4	0.0
2/09/2023 12:10	2.2	46	23	3.5	0.0
2/09/2023 12:20	1.9	275	72	3.7	0.0
2/09/2023 12:30	2.1	295	38	3.6	0.0
2/09/2023 12:40	3.0	297	21	4.7	0.0
2/09/2023 12:50	2.9	275	27	4.4	0.0
2/09/2023 13:00	3.0	292	29	4.5	0.0
2/09/2023 13:10	2.7	287	34	4.5	0.0
2/09/2023 13:20	3.3	301	25	5.1	0.0
2/09/2023 13:30	3.4	311	28	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/09/2023 13:40	3.2	286	33	5.3	0.0
2/09/2023 13:50	3.9	303	23	6.1	0.0
2/09/2023 14:00	4.0	299	18	6.0	0.0
2/09/2023 14:10	3.8	293	26	6.4	0.0
2/09/2023 14:20	3.6	286	22	5.6	0.0
2/09/2023 14:30	3.8	285	18	6.1	0.0
2/09/2023 14:40	3.8	296	26	5.9	0.0
2/09/2023 14:50	3.4	300	28	6.5	0.0
2/09/2023 15:00	3.7	271	28	6.5	0.0
2/09/2023 15:10	3.7	266	21	6.3	0.0
2/09/2023 15:20	3.6	266	22	6.0	0.0
2/09/2023 15:30	3.7	275	23	6.5	0.0
2/09/2023 15:40	4.2	276	26	6.8	0.0
2/09/2023 15:50	4.3	273	22	6.4	0.0
2/09/2023 16:00	4.1	267	20	6.8	0.0
2/09/2023 16:10	3.8	269	29	7.0	0.0
2/09/2023 16:20	4.4	272	22	7.2	0.0
2/09/2023 16:30	4.4	274	23	7.5	0.0
2/09/2023 16:40	4.7	281	20	6.8	0.0
2/09/2023 16:50	4.5	278	23	6.4	0.0
2/09/2023 17:00	3.6	275	26	5.7	0.0
2/09/2023 17:10	3.7	276	22	6.4	0.0
2/09/2023 17:20	4.6	281	15	6.9	0.0
2/09/2023 17:30	3.9	277	19	6.0	0.0
2/09/2023 17:40	3.7	279	23	6.0	0.0
2/09/2023 17:50	3.5	278	20	5.6	0.0
2/09/2023 18:00	4.1	271	25	7.7	0.0
2/09/2023 18:10	3.8	276	31	6.8	0.0
2/09/2023 18:20	2.7	274	47	6.1	0.0
2/09/2023 18:30	3.2	267	31	6.4	0.0
2/09/2023 18:40	3.0	277	33	5.6	0.0
2/09/2023 18:50	3.1	264	33	5.8	0.0
2/09/2023 19:00	3.2	272	32	5.1	0.0
2/09/2023 19:10	2.5	255	52	5.3	0.0
2/09/2023 19:20	2.3	267	39	5.8	0.0
2/09/2023 19:30	2.8	264	34	4.8	0.0
2/09/2023 19:40	2.8	254	53	6.5	0.0
2/09/2023 19:50	2.0	235	65	4.4	0.0
2/09/2023 20:00	3.0	251	42	5.7	0.0
2/09/2023 20:10	2.0	242	65	4.0	0.0
2/09/2023 20:20	2.0	237	62	4.8	0.0
2/09/2023 20:30	2.2	210	58	4.8	0.0
2/09/2023 20:40	2.1	247	56	5.0	0.0
2/09/2023 20:50	2.1	234	50	4.5	0.0
2/09/2023 21:00	1.9	255	72	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/09/2023 21:10	2.4	227	50	4.7	0.0
2/09/2023 21:20	1.8	228	56	3.5	0.0
2/09/2023 21:30	2.2	239	50	4.7	0.0
2/09/2023 21:40	2.5	254	49	4.7	0.0
2/09/2023 21:50	2.1	243	55	4.0	0.0
2/09/2023 22:00	2.2	240	59	4.9	0.0
2/09/2023 22:10	1.9	251	56	3.7	0.0
2/09/2023 22:20	2.1	252	43	4.2	0.0
2/09/2023 22:30	2.6	256	41	4.8	0.0
2/09/2023 22:40	1.8	241	57	4.9	0.0
2/09/2023 22:50	1.6	256	68	3.2	0.0
2/09/2023 23:00	1.8	214	75	3.2	0.0
2/09/2023 23:10	1.7	255	65	4.0	0.0
2/09/2023 23:20	1.9	274	71	4.7	0.0
2/09/2023 23:30	1.6	275	72	4.0	0.0
2/09/2023 23:40	1.6	268	65	3.6	0.0
2/09/2023 23:50	2.3	262	46	5.6	0.0
3/09/2023 0:00	1.7	242	65	4.1	0.0
3/09/2023 0:10	2.0	230	59	3.9	0.0
3/09/2023 0:20	1.8	225	58	4.9	0.0
3/09/2023 0:30	2.7	217	49	6.2	0.0
3/09/2023 0:40	2.8	221	46	5.3	0.0
3/09/2023 0:50	1.9	193	79	4.7	0.0
3/09/2023 1:00	1.8	197	77	4.2	0.0
3/09/2023 1:10	2.8	218	41	5.4	0.0
3/09/2023 1:20	2.5	209	52	5.5	0.0
3/09/2023 1:30	2.2	241	56	4.4	0.0
3/09/2023 1:40	2.1	233	57	4.8	0.0
3/09/2023 1:50	2.2	212	38	4.6	0.0
3/09/2023 2:00	2.2	208	38	4.2	0.0
3/09/2023 2:10	2.1	214	39	4.0	0.0
3/09/2023 2:20	1.9	241	52	4.0	0.0
3/09/2023 2:30	2.4	229	40	4.4	0.0
3/09/2023 2:40	1.4	201	73	2.9	0.0
3/09/2023 2:50	1.5	245	54	3.2	0.0
3/09/2023 3:00	1.7	228	51	3.5	0.0
3/09/2023 3:10	1.9	238	56	4.0	0.0
3/09/2023 3:20	1.8	251	45	4.4	0.0
3/09/2023 3:30	2.0	249	50	3.9	0.0
3/09/2023 3:40	1.4	207	62	2.9	0.0
3/09/2023 3:50	2.1	218	45	4.0	0.0
3/09/2023 4:00	2.0	233	49	4.3	0.0
3/09/2023 4:10	1.3	220	83	2.8	0.0
3/09/2023 4:20	1.5	219	61	3.5	0.0
3/09/2023 4:30	1.4	222	75	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/09/2023 4:40	1.6	237	63	4.0	0.0
3/09/2023 4:50	2.1	261	44	4.0	0.0
3/09/2023 5:00	2.0	275	38	4.0	0.0
3/09/2023 5:10	1.6	262	65	3.4	0.0
3/09/2023 5:20	1.7	282	60	3.4	0.0
3/09/2023 5:30	1.9	244	45	4.0	0.0
3/09/2023 5:40	1.9	254	50	4.2	0.0
3/09/2023 5:50	2.0	257	46	3.2	0.0
3/09/2023 6:00	1.8	262	56	3.5	0.0
3/09/2023 6:10	1.4	213	67	2.9	0.0
3/09/2023 6:20	1.6	219	67	3.2	0.0
3/09/2023 6:30	2.4	211	48	4.4	0.0
3/09/2023 6:40	2.4	222	36	4.8	0.0
3/09/2023 6:50	2.7	218	38	5.0	0.0
3/09/2023 7:00	2.3	231	40	4.6	0.0
3/09/2023 7:10	2.9	215	35	5.6	0.0
3/09/2023 7:20	3.0	208	35	5.0	0.0
3/09/2023 7:30	3.2	210	33	6.4	0.0
3/09/2023 7:40	3.5	218	31	6.3	0.0
3/09/2023 7:50	3.5	213	37	5.7	0.0
3/09/2023 8:00	3.7	201	22	6.6	0.0
3/09/2023 8:10	4.1	209	23	6.4	0.0
3/09/2023 8:20	4.5	198	20	7.9	0.0
3/09/2023 8:30	4.5	200	18	7.5	0.0
3/09/2023 8:40	4.2	212	28	6.9	0.0
3/09/2023 8:50	4.7	199	19	7.6	0.0
3/09/2023 9:00	4.8	207	20	7.6	0.0
3/09/2023 9:10	4.5	205	24	7.2	0.0
3/09/2023 9:20	4.3	210	24	6.8	0.0
3/09/2023 9:30	4.6	201	20	7.2	0.0
3/09/2023 9:40	4.8	199	20	7.2	0.0
3/09/2023 9:50	5.1	200	19	8.2	0.0
3/09/2023 10:00	4.6	207	20	6.9	0.0
3/09/2023 10:10	5.2	200	18	7.7	0.0
3/09/2023 10:20	4.4	207	23	6.7	0.0
3/09/2023 10:30	3.9	205	24	5.9	0.0
3/09/2023 10:40	5.3	205	22	8.0	0.0
3/09/2023 10:50	4.4	202	21	7.9	0.0
3/09/2023 11:00	4.4	203	22	6.9	0.0
3/09/2023 11:10	4.4	209	20	6.7	0.0
3/09/2023 11:20	3.9	211	27	6.2	0.0
3/09/2023 11:30	3.4	209	25	5.4	0.0
3/09/2023 11:40	3.8	203	22	6.7	0.0
3/09/2023 11:50	3.6	208	24	6.1	0.0
3/09/2023 12:00	3.3	215	31	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/09/2023 12:10	3.4	203	27	6.3	0.0
3/09/2023 12:20	2.7	235	43	4.1	0.0
3/09/2023 12:30	2.7	227	31	5.9	0.0
3/09/2023 12:40	3.5	222	29	6.6	0.0
3/09/2023 12:50	3.3	215	34	5.2	0.0
3/09/2023 13:00	3.0	220	29	5.3	0.0
3/09/2023 13:10	2.8	227	42	5.8	0.0
3/09/2023 13:20	3.2	255	31	5.5	0.0
3/09/2023 13:30	3.2	270	28	4.9	0.0
3/09/2023 13:40	3.7	289	24	6.2	0.0
3/09/2023 13:50	4.1	270	25	7.2	0.0
3/09/2023 14:00	3.7	281	29	6.0	0.0
3/09/2023 14:10	4.6	277	21	6.8	0.0
3/09/2023 14:20	4.2	281	21	6.7	0.0
3/09/2023 14:30	4.0	270	22	7.2	0.0
3/09/2023 14:40	4.4	272	23	6.8	0.0
3/09/2023 14:50	4.5	274	21	7.2	0.0
3/09/2023 15:00	4.4	274	24	7.0	0.0
3/09/2023 15:10	4.9	278	20	7.2	0.0
3/09/2023 15:20	4.3	273	24	7.0	0.0
3/09/2023 15:30	4.2	273	28	7.0	0.0
3/09/2023 15:40	4.5	272	26	7.2	0.0
3/09/2023 15:50	4.6	277	23	7.2	0.0
3/09/2023 16:00	4.9	276	26	7.8	0.0
3/09/2023 16:10	3.9	275	25	7.2	0.0
3/09/2023 16:20	4.4	278	24	7.5	0.0
3/09/2023 16:30	4.4	278	21	6.8	0.0
3/09/2023 16:40	4.5	273	23	6.7	0.0
3/09/2023 16:50	4.3	272	31	7.7	0.0
3/09/2023 17:00	4.4	273	24	7.1	0.0
3/09/2023 17:10	3.7	269	31	6.0	0.0
3/09/2023 17:20	3.9	271	24	6.6	0.0
3/09/2023 17:30	3.6	270	33	6.2	0.0
3/09/2023 17:40	3.0	263	35	6.1	0.0
3/09/2023 17:50	3.9	269	31	6.7	0.0
3/09/2023 18:00	3.2	273	35	6.5	0.0
3/09/2023 18:10	3.1	268	48	5.3	0.0
3/09/2023 18:20	3.3	270	39	6.1	0.0
3/09/2023 18:30	2.7	255	55	5.1	0.0
3/09/2023 18:40	2.6	262	53	4.8	0.0
3/09/2023 18:50	2.9	271	48	5.8	0.0
3/09/2023 19:00	2.7	261	48	4.8	0.0
3/09/2023 19:10	2.4	230	54	4.8	0.0
3/09/2023 19:20	2.9	260	39	6.5	0.0
3/09/2023 19:30	2.5	257	41	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/09/2023 19:40	2.4	263	38	5.0	0.0
3/09/2023 19:50	2.3	238	48	4.7	0.0
3/09/2023 20:00	2.7	263	52	5.7	0.0
3/09/2023 20:10	1.9	237	65	4.5	0.0
3/09/2023 20:20	2.1	230	59	4.0	0.0
3/09/2023 20:30	2.7	255	38	5.5	0.0
3/09/2023 20:40	2.2	236	47	4.8	0.0
3/09/2023 20:50	2.0	221	53	5.2	0.0
3/09/2023 21:00	1.9	244	60	4.0	0.0
3/09/2023 21:10	2.0	219	53	3.7	0.0
3/09/2023 21:20	2.3	236	49	4.6	0.0
3/09/2023 21:30	2.4	215	49	4.1	0.0
3/09/2023 21:40	2.1	210	63	3.6	0.0
3/09/2023 21:50	2.0	220	51	3.7	0.0
3/09/2023 22:00	2.7	230	38	5.1	0.0
3/09/2023 22:10	2.6	228	42	4.8	0.0
3/09/2023 22:20	2.1	212	53	4.0	0.0
3/09/2023 22:30	2.1	218	51	4.4	0.0
3/09/2023 22:40	2.4	225	52	4.9	0.0
3/09/2023 22:50	2.0	234	45	4.0	0.0
3/09/2023 23:00	2.0	226	54	3.8	0.0
3/09/2023 23:10	1.9	248	58	3.8	0.0
3/09/2023 23:20	2.3	254	51	4.6	0.0
3/09/2023 23:30	2.3	228	41	4.8	0.0
3/09/2023 23:40	2.5	218	45	5.8	0.0
3/09/2023 23:50	2.7	218	45	6.0	0.0
4/09/2023 0:00	2.6	200	49	5.9	0.0
4/09/2023 0:10	2.5	211	35	5.2	0.0
4/09/2023 0:20	2.3	202	47	4.4	0.0
4/09/2023 0:30	2.1	214	46	3.6	0.0
4/09/2023 0:40	1.9	214	46	4.0	0.0
4/09/2023 0:50	2.0	203	60	4.6	0.0
4/09/2023 1:00	2.4	226	36	4.6	0.0
4/09/2023 1:10	2.2	209	51	4.0	0.0
4/09/2023 1:20	1.9	221	51	3.8	0.0
4/09/2023 1:30	1.7	202	63	3.1	0.0
4/09/2023 1:40	1.6	206	63	3.1	0.0
4/09/2023 1:50	2.0	204	39	3.3	0.0
4/09/2023 2:00	2.5	214	37	4.8	0.0
4/09/2023 2:10	1.9	215	47	4.2	0.0
4/09/2023 2:20	2.0	211	47	3.6	0.0
4/09/2023 2:30	2.6	208	29	4.6	0.0
4/09/2023 2:40	2.4	220	31	4.0	0.0
4/09/2023 2:50	2.3	232	37	3.8	0.0
4/09/2023 3:00	2.2	228	34	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/09/2023 3:10	2.2	228	34	3.4	0.0
4/09/2023 3:20	2.0	226	37	4.4	0.0
4/09/2023 3:30	2.4	223	31	4.0	0.0
4/09/2023 3:40	2.9	220	29	4.9	0.0
4/09/2023 3:50	2.7	213	27	4.6	0.0
4/09/2023 4:00	2.9	208	22	4.8	0.0
4/09/2023 4:10	2.9	215	24	5.2	0.0
4/09/2023 4:20	3.0	210	25	4.9	0.0
4/09/2023 4:30	2.4	221	29	4.6	0.0
4/09/2023 4:40	2.3	224	34	3.9	0.0
4/09/2023 4:50	2.1	217	35	3.6	0.0
4/09/2023 5:00	2.6	213	27	4.2	0.0
4/09/2023 5:10	2.1	219	31	4.0	0.0
4/09/2023 5:20	2.3	218	28	4.4	0.0
4/09/2023 5:30	1.8	221	34	2.8	0.0
4/09/2023 5:40	2.5	214	25	4.0	0.0
4/09/2023 5:50	2.3	214	30	4.7	0.0
4/09/2023 6:00	2.3	228	28	3.9	0.0
4/09/2023 6:10	2.4	220	26	3.9	0.0
4/09/2023 6:20	2.8	210	19	4.5	0.0
4/09/2023 6:30	3.5	210	15	5.2	0.0
4/09/2023 6:40	3.3	209	13	4.1	0.0
4/09/2023 6:50	3.3	213	15	4.5	0.0
4/09/2023 7:00	3.8	209	12	4.7	0.0
4/09/2023 7:10	3.7	206	11	4.8	0.0
4/09/2023 7:20	3.7	201	13	5.2	0.0
4/09/2023 7:30	3.8	195	11	5.1	0.0
4/09/2023 7:40	4.0	195	12	5.5	0.0
4/09/2023 7:50	4.5	196	11	6.0	0.0
4/09/2023 8:00	4.3	195	12	5.6	0.0
4/09/2023 8:10	4.3	198	12	5.6	0.0
4/09/2023 8:20	4.0	196	11	5.2	0.0
4/09/2023 8:30	3.6	189	14	5.6	0.0
4/09/2023 8:40	2.8	185	17	4.5	0.0
4/09/2023 8:50	2.9	186	21	4.8	0.0
4/09/2023 9:00	2.4	184	22	3.8	0.0
4/09/2023 9:10	2.4	178	24	4.2	0.0
4/09/2023 9:20	2.7	164	33	4.4	0.0
4/09/2023 9:30	2.6	156	23	4.2	0.0
4/09/2023 9:40	2.5	163	22	4.4	0.0
4/09/2023 9:50	2.5	136	23	3.7	0.0
4/09/2023 10:00	2.6	120	22	3.8	0.0
4/09/2023 10:10	2.1	114	25	3.4	0.0
4/09/2023 10:20	2.5	117	25	4.1	0.0
4/09/2023 10:30	2.6	119	15	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/09/2023 10:40	2.4	118	21	3.5	0.0
4/09/2023 10:50	1.9	122	30	3.4	0.0
4/09/2023 11:00	2.1	71	26	3.2	0.0
4/09/2023 11:10	2.3	46	15	3.1	0.0
4/09/2023 11:20	2.1	59	16	3.2	0.0
4/09/2023 11:30	2.7	60	13	3.4	0.0
4/09/2023 11:40	2.8	54	17	3.8	0.0
4/09/2023 11:50	3.6	49	12	4.9	0.0
4/09/2023 12:00	3.5	45	12	4.8	0.0
4/09/2023 12:10	4.1	44	14	5.4	0.0
4/09/2023 12:20	3.6	43	13	4.9	0.0
4/09/2023 12:30	4.3	42	10	5.5	0.0
4/09/2023 12:40	3.7	42	10	4.8	0.0
4/09/2023 12:50	3.5	42	12	4.8	0.0
4/09/2023 13:00	3.6	43	13	4.9	0.0
4/09/2023 13:10	3.4	46	15	4.5	0.0
4/09/2023 13:20	3.2	44	15	4.4	0.0
4/09/2023 13:30	3.4	43	13	4.5	0.0
4/09/2023 13:40	3.6	44	12	4.9	0.0
4/09/2023 13:50	3.5	43	15	4.7	0.0
4/09/2023 14:00	3.7	45	13	5.0	0.0
4/09/2023 14:10	3.5	46	12	4.8	0.0
4/09/2023 14:20	3.6	39	14	5.0	0.0
4/09/2023 14:30	3.7	43	12	5.0	0.0
4/09/2023 14:40	3.8	44	11	4.8	0.0
4/09/2023 14:50	3.5	44	10	4.7	0.0
4/09/2023 15:00	3.2	42	13	4.8	0.0
4/09/2023 15:10	3.3	42	13	4.6	0.0
4/09/2023 15:20	3.3	45	13	4.4	0.0
4/09/2023 15:30	3.1	46	11	4.4	0.0
4/09/2023 15:40	3.3	45	11	4.4	0.0
4/09/2023 15:50	3.3	50	13	4.6	0.0
4/09/2023 16:00	3.2	30	14	4.4	0.0
4/09/2023 16:10	3.3	13	15	4.6	0.0
4/09/2023 16:20	4.1	349	11	5.6	0.0
4/09/2023 16:30	3.7	342	17	5.0	0.0
4/09/2023 16:40	3.4	327	16	4.7	0.0
4/09/2023 16:50	3.1	319	14	4.3	0.0
4/09/2023 17:00	3.2	314	19	4.4	0.0
4/09/2023 17:10	3.1	298	25	5.0	0.0
4/09/2023 17:20	3.1	282	21	4.8	0.0
4/09/2023 17:30	2.9	290	25	4.7	0.0
4/09/2023 17:40	2.9	277	22	4.3	0.0
4/09/2023 17:50	2.8	274	21	4.7	0.0
4/09/2023 18:00	2.7	265	25	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/09/2023 18:10	2.4	277	25	3.8	0.0
4/09/2023 18:20	2.6	270	24	4.5	0.0
4/09/2023 18:30	2.0	269	27	3.6	0.0
4/09/2023 18:40	2.7	271	24	4.5	0.0
4/09/2023 18:50	2.5	272	21	4.2	0.0
4/09/2023 19:00	2.2	263	38	3.7	0.0
4/09/2023 19:10	2.5	269	30	3.7	0.0
4/09/2023 19:20	2.1	260	34	3.5	0.0
4/09/2023 19:30	1.8	267	39	3.3	0.0
4/09/2023 19:40	1.6	275	39	2.9	0.0
4/09/2023 19:50	1.7	254	36	3.1	0.0
4/09/2023 20:00	1.5	257	40	3.2	0.0
4/09/2023 20:10	1.6	257	35	3.2	0.0
4/09/2023 20:20	1.9	264	43	3.3	0.0
4/09/2023 20:30	1.3	227	58	2.8	0.0
4/09/2023 20:40	1.1	212	62	2.4	0.0
4/09/2023 20:50	1.4	231	48	2.8	0.0
4/09/2023 21:00	1.2	232	51	2.4	0.0
4/09/2023 21:10	0.8	218	52	1.7	0.0
4/09/2023 21:20	1.4	275	38	2.3	0.0
4/09/2023 21:30	1.6	225	51	2.6	0.0
4/09/2023 21:40	1.5	253	44	2.8	0.0
4/09/2023 21:50	1.2	234	66	2.7	0.0
4/09/2023 22:00	1.5	244	62	3.2	0.0
4/09/2023 22:10	1.4	200	57	2.8	0.0
4/09/2023 22:20	1.9	208	31	3.4	0.0
4/09/2023 22:30	2.3	213	33	4.3	0.0
4/09/2023 22:40	2.4	215	31	4.1	0.0
4/09/2023 22:50	2.6	226	30	4.6	0.0
4/09/2023 23:00	2.4	213	33	5.6	0.0
4/09/2023 23:10	2.3	216	46	4.4	0.0
4/09/2023 23:20	2.4	213	34	4.7	0.0
4/09/2023 23:30	2.0	213	50	3.6	0.0
4/09/2023 23:40	2.4	215	38	4.2	0.0
4/09/2023 23:50	2.4	209	37	4.5	0.0
5/09/2023 0:00	2.6	213	31	5.5	0.0
5/09/2023 0:10	2.2	210	39	4.4	0.0
5/09/2023 0:20	2.0	221	42	3.6	0.0
5/09/2023 0:30	2.5	216	33	4.7	0.0
5/09/2023 0:40	2.7	208	33	4.8	0.0
5/09/2023 0:50	2.5	222	39	4.4	0.0
5/09/2023 1:00	2.2	212	35	3.6	0.0
5/09/2023 1:10	2.1	224	45	3.9	0.0
5/09/2023 1:20	1.8	202	41	3.8	0.0
5/09/2023 1:30	2.0	230	47	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/09/2023 1:40	1.9	240	44	4.3	0.0
5/09/2023 1:50	1.8	254	38	3.6	0.0
5/09/2023 2:00	1.5	239	53	2.8	0.0
5/09/2023 2:10	1.4	245	60	3.6	0.0
5/09/2023 2:20	1.1	236	69	2.0	0.0
5/09/2023 2:30	1.5	240	58	3.1	0.0
5/09/2023 2:40	1.3	221	54	2.7	0.0
5/09/2023 2:50	2.0	234	46	4.4	0.0
5/09/2023 3:00	1.7	224	54	3.8	0.0
5/09/2023 3:10	1.8	228	52	4.2	0.0
5/09/2023 3:20	1.7	225	45	3.4	0.0
5/09/2023 3:30	2.3	204	38	4.4	0.0
5/09/2023 3:40	2.7	222	36	4.9	0.0
5/09/2023 3:50	2.5	204	37	4.1	0.0
5/09/2023 4:00	2.2	213	46	4.3	0.0
5/09/2023 4:10	1.6	243	49	2.8	0.0
5/09/2023 4:20	1.7	241	38	3.4	0.0
5/09/2023 4:30	1.3	268	70	2.6	0.0
5/09/2023 4:40	1.6	261	56	3.8	0.0
5/09/2023 4:50	1.6	220	43	3.0	0.0
5/09/2023 5:00	1.8	258	42	3.1	0.0
5/09/2023 5:10	1.4	187	93	2.8	0.0
5/09/2023 5:20	2.2	195	37	3.7	0.0
5/09/2023 5:30	1.6	249	39	2.5	0.0
5/09/2023 5:40	1.5	260	23	2.6	0.0
5/09/2023 5:50	1.1	188	32	2.0	0.0
5/09/2023 6:00	1.0	197	24	1.9	0.0
5/09/2023 6:10	1.0	260	18	1.7	0.0
5/09/2023 6:20	0.2	69	10	1.0	0.0
5/09/2023 6:30					0.0
5/09/2023 6:40					0.0
5/09/2023 6:50	0.1	278	29	0.8	0.0
5/09/2023 7:00	0.3	190	15	1.5	0.0
5/09/2023 7:10	1.4	59	20	2.4	0.0
5/09/2023 7:20	1.5	92	19	2.8	0.0
5/09/2023 7:30	2.1	83	14	3.5	0.0
5/09/2023 7:40	2.3	92	17	3.5	0.0
5/09/2023 7:50	2.8	82	13	3.9	0.0
5/09/2023 8:00	3.0	83	12	4.0	0.0
5/09/2023 8:10	2.6	80	15	4.0	0.0
5/09/2023 8:20	2.6	76	16	3.4	0.0
5/09/2023 8:30	2.6	81	15	3.8	0.0
5/09/2023 8:40	2.5	70	17	3.6	0.0
5/09/2023 8:50	2.7	72	16	3.7	0.0
5/09/2023 9:00	2.9	62	18	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/09/2023 9:10	3.1	54	15	4.1	0.0
5/09/2023 9:20	3.2	48	18	4.2	0.0
5/09/2023 9:30	3.1	40	15	4.1	0.0
5/09/2023 9:40	3.1	45	17	4.1	0.0
5/09/2023 9:50	3.5	39	16	4.8	0.0
5/09/2023 10:00	3.4	52	14	4.4	0.0
5/09/2023 10:10	3.4	51	16	4.7	0.0
5/09/2023 10:20	3.6	52	14	5.0	0.0
5/09/2023 10:30	3.7	50	14	4.9	0.0
5/09/2023 10:40	3.8	49	13	5.2	0.0
5/09/2023 10:50	4.0	53	14	5.4	0.0
5/09/2023 11:00	3.7	51	12	5.1	0.0
5/09/2023 11:10	4.4	51	12	5.6	0.0
5/09/2023 11:20	4.0	52	13	5.3	0.0
5/09/2023 11:30	4.0	48	11	5.6	0.0
5/09/2023 11:40	3.9	51	12	5.9	0.0
5/09/2023 11:50	4.0	54	13	5.3	0.0
5/09/2023 12:00	4.1	59	11	5.2	0.0
5/09/2023 12:10	3.1	38	24	5.2	0.0
5/09/2023 12:20	3.5	346	20	5.6	0.0
5/09/2023 12:30	4.0	340	15	5.6	0.0
5/09/2023 12:40	4.1	342	15	6.1	0.0
5/09/2023 12:50	4.0	347	16	5.9	0.0
5/09/2023 13:00	4.4	346	16	5.8	0.0
5/09/2023 13:10	4.1	334	18	6.5	0.0
5/09/2023 13:20	3.9	348	18	6.3	0.0
5/09/2023 13:30	4.5	340	16	6.1	0.0
5/09/2023 13:40	4.3	331	19	6.0	0.0
5/09/2023 13:50	4.0	329	18	5.8	0.0
5/09/2023 14:00	3.8	327	20	5.4	0.0
5/09/2023 14:10	3.8	329	23	6.6	0.0
5/09/2023 14:20	3.2	319	21	5.2	0.0
5/09/2023 14:30	3.3	322	20	5.0	0.0
5/09/2023 14:40	3.4	320	20	4.9	0.0
5/09/2023 14:50	3.7	314	19	5.5	0.0
5/09/2023 15:00	3.4	316	27	5.4	0.0
5/09/2023 15:10	3.6	320	21	5.5	0.0
5/09/2023 15:20	3.6	323	20	4.8	0.0
5/09/2023 15:30	2.8	327	20	4.8	0.0
5/09/2023 15:40	3.2	322	20	4.5	0.0
5/09/2023 15:50	3.7	322	19	5.5	0.0
5/09/2023 16:00	4.0	330	13	5.6	0.0
5/09/2023 16:10	4.2	331	14	6.0	0.0
5/09/2023 16:20	3.7	326	15	5.6	0.0
5/09/2023 16:30	3.6	322	16	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/09/2023 16:40	2.7	318	21	4.4	0.0
5/09/2023 16:50	2.9	320	22	4.8	0.0
5/09/2023 17:00	3.0	303	23	4.8	0.0
5/09/2023 17:10	2.7	308	22	4.4	0.0
5/09/2023 17:20	3.1	312	18	4.6	0.0
5/09/2023 17:30	3.5	320	16	5.6	0.0
5/09/2023 17:40	3.7	323	14	5.0	0.0
5/09/2023 17:50	3.2	321	18	4.8	0.0
5/09/2023 18:00	3.3	321	17	4.8	0.0
5/09/2023 18:10	2.6	312	22	5.0	0.0
5/09/2023 18:20	2.6	319	22	4.4	0.0
5/09/2023 18:30	2.5	317	23	4.6	0.0
5/09/2023 18:40	2.8	320	21	4.7	0.0
5/09/2023 18:50	2.9	321	18	4.7	0.0
5/09/2023 19:00	2.7	317	17	4.5	0.0
5/09/2023 19:10	2.7	306	22	4.8	0.0
5/09/2023 19:20	2.4	289	24	3.6	0.0
5/09/2023 19:30	2.6	283	22	4.3	0.0
5/09/2023 19:40	2.7	264	22	4.4	0.0
5/09/2023 19:50	2.8	277	21	4.4	0.0
5/09/2023 20:00	2.4	273	24	4.5	0.0
5/09/2023 20:10	1.9	270	27	3.7	0.0
5/09/2023 20:20	2.4	270	23	3.7	0.0
5/09/2023 20:30	2.4	271	25	4.0	0.0
5/09/2023 20:40	2.3	270	25	4.0	0.0
5/09/2023 20:50	2.0	262	28	3.2	0.0
5/09/2023 21:00	1.9	266	22	3.2	0.0
5/09/2023 21:10	2.2	267	25	3.7	0.0
5/09/2023 21:20	1.9	260	30	3.3	0.0
5/09/2023 21:30	2.0	260	43	3.3	0.0
5/09/2023 21:40	2.0	266	30	3.6	0.0
5/09/2023 21:50	1.9	275	40	3.8	0.0
5/09/2023 22:00	2.1	268	40	3.8	0.0
5/09/2023 22:10	1.9	274	48	3.6	0.0
5/09/2023 22:20	1.9	253	53	3.6	0.0
5/09/2023 22:30	1.6	270	31	3.2	0.0
5/09/2023 22:40	1.8	254	38	3.2	0.0
5/09/2023 22:50	1.2	256	75	2.9	0.0
5/09/2023 23:00	1.6	228	49	3.3	0.0
5/09/2023 23:10	1.1	242	72	2.3	0.0
5/09/2023 23:20	2.0	272	35	3.4	0.0
5/09/2023 23:30	1.8	270	34	2.9	0.0
5/09/2023 23:40	1.9	267	32	3.3	0.0
5/09/2023 23:50	2.4	267	25	3.7	0.0
6/09/2023 0:00	1.9	270	28	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/09/2023 0:10	1.5	270	29	2.7	0.0
6/09/2023 0:20	1.5	270	33	3.0	0.0
6/09/2023 0:30	1.6	267	30	3.1	0.0
6/09/2023 0:40	1.7	263	34	2.7	0.0
6/09/2023 0:50	1.3	248	39	2.3	0.0
6/09/2023 1:00	1.0	226	56	2.1	0.0
6/09/2023 1:10	0.8	205	35	1.4	0.0
6/09/2023 1:20	0.8	198	36	1.5	0.0
6/09/2023 1:30	1.4	183	15	2.0	0.0
6/09/2023 1:40	1.5	193	14	2.1	0.0
6/09/2023 1:50	2.3	195	12	3.4	0.0
6/09/2023 2:00	2.3	202	10	2.9	0.0
6/09/2023 2:10	0.9	201	28	2.0	0.0
6/09/2023 2:20	1.4	196	9	1.8	0.0
6/09/2023 2:30	1.2	217	42	1.8	0.0
6/09/2023 2:40	1.2	313	12	1.6	0.0
6/09/2023 2:50	0.4	175	5	1.0	0.0
6/09/2023 3:00					0.0
6/09/2023 3:10					0.0
6/09/2023 3:20					0.0
6/09/2023 3:30					0.0
6/09/2023 3:40					0.0
6/09/2023 3:50	0.0	169	0	0.4	0.0
6/09/2023 4:00					0.0
6/09/2023 4:10					0.0
6/09/2023 4:20					0.0
6/09/2023 4:30					0.0
6/09/2023 4:40					0.0
6/09/2023 4:50					0.0
6/09/2023 5:00	0.3	342	6	1.2	0.0
6/09/2023 5:10					0.0
6/09/2023 5:20					0.0
6/09/2023 5:30	0.0	350	1	0.9	0.0
6/09/2023 5:40					0.0
6/09/2023 5:50					0.0
6/09/2023 6:00					0.0
6/09/2023 6:10	0.0	357	0	0.4	0.0
6/09/2023 6:20					0.0
6/09/2023 6:30					0.0
6/09/2023 6:40					0.0
6/09/2023 6:50	0.1	312	2	0.5	0.0
6/09/2023 7:00	0.0	279	3	0.4	0.0
6/09/2023 7:10					0.0
6/09/2023 7:20					0.0
6/09/2023 7:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/09/2023 7:40	0.0	83	0	0.4	0.0
6/09/2023 7:50	0.4	88	15	1.1	0.0
6/09/2023 8:00	1.2	83	25	2.0	0.0
6/09/2023 8:10	1.0	79	29	2.0	0.0
6/09/2023 8:20	1.8	112	18	2.6	0.0
6/09/2023 8:30	1.8	68	15	2.6	0.0
6/09/2023 8:40	1.6	65	22	2.4	0.0
6/09/2023 8:50	1.4	66	47	2.3	0.0
6/09/2023 9:00	1.4	202	53	2.6	0.0
6/09/2023 9:10	1.8	26	39	2.8	0.0
6/09/2023 9:20	1.7	322	44	3.2	0.0
6/09/2023 9:30	1.7	170	60	3.4	0.0
6/09/2023 9:40	2.3	47	16	3.1	0.0
6/09/2023 9:50	2.7	87	16	4.2	0.0
6/09/2023 10:00	2.6	75	16	3.4	0.0
6/09/2023 10:10	2.5	74	15	3.5	0.0
6/09/2023 10:20	2.8	68	16	3.8	0.0
6/09/2023 10:30	2.8	73	19	3.9	0.0
6/09/2023 10:40	3.0	66	19	4.1	0.0
6/09/2023 10:50	3.1	64	16	4.2	0.0
6/09/2023 11:00	3.3	66	19	4.6	0.0
6/09/2023 11:10	3.3	58	18	4.4	0.0
6/09/2023 11:20	3.5	56	15	4.8	0.0
6/09/2023 11:30	3.7	53	14	4.8	0.0
6/09/2023 11:40	3.9	55	13	5.2	0.0
6/09/2023 11:50	3.5	51	14	4.4	0.0
6/09/2023 12:00	3.4	56	15	4.6	0.0
6/09/2023 12:10	3.6	56	13	4.6	0.0
6/09/2023 12:20	3.1	60	14	4.2	0.0
6/09/2023 12:30	3.3	58	13	4.2	0.0
6/09/2023 12:40	3.3	62	14	4.2	0.0
6/09/2023 12:50	3.3	56	13	4.2	0.0
6/09/2023 13:00	3.4	56	16	4.4	0.0
6/09/2023 13:10	3.7	47	13	4.9	0.0
6/09/2023 13:20	3.8	52	14	5.3	0.0
6/09/2023 13:30	4.1	48	13	5.5	0.0
6/09/2023 13:40	4.2	49	18	5.6	0.0
6/09/2023 13:50	3.8	49	14	5.0	0.0
6/09/2023 14:00	3.6	42	16	4.8	0.0
6/09/2023 14:10	3.1	45	22	5.2	0.0
6/09/2023 14:20	2.9	22	26	4.6	0.0
6/09/2023 14:30	3.0	15	20	4.7	0.0
6/09/2023 14:40	3.5	4	24	5.0	0.0
6/09/2023 14:50	3.6	358	19	5.6	0.0
6/09/2023 15:00	4.0	336	16	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/09/2023 15:10	4.3	336	15	6.4	0.0
6/09/2023 15:20	4.3	330	15	6.4	0.0
6/09/2023 15:30	4.1	340	12	6.1	0.0
6/09/2023 15:40	3.8	332	14	5.4	0.0
6/09/2023 15:50	3.9	337	14	5.7	0.0
6/09/2023 16:00	4.0	340	16	5.6	0.0
6/09/2023 16:10	4.3	337	13	6.3	0.0
6/09/2023 16:20	4.0	337	11	5.4	0.0
6/09/2023 16:30	4.2	345	16	6.4	0.0
6/09/2023 16:40	4.2	351	11	5.8	0.0
6/09/2023 16:50	4.2	351	10	5.4	0.0
6/09/2023 17:00	4.4	356	13	5.9	0.0
6/09/2023 17:10	4.2	354	16	5.6	0.0
6/09/2023 17:20	4.1	356	18	5.9	0.0
6/09/2023 17:30	4.3	353	13	5.9	0.0
6/09/2023 17:40	3.8	348	11	5.1	0.0
6/09/2023 17:50	3.3	348	10	4.6	0.0
6/09/2023 18:00	2.8	338	14	4.3	0.0
6/09/2023 18:10	3.3	330	13	5.2	0.0
6/09/2023 18:20	2.9	327	13	5.1	0.0
6/09/2023 18:30	2.6	329	13	3.9	0.0
6/09/2023 18:40	2.9	328	13	4.0	0.0
6/09/2023 18:50	3.0	324	15	4.4	0.0
6/09/2023 19:00	3.1	322	18	4.3	0.0
6/09/2023 19:10	3.0	313	16	4.2	0.0
6/09/2023 19:20	2.9	318	19	4.5	0.0
6/09/2023 19:30	2.7	308	20	4.6	0.0
6/09/2023 19:40	2.9	319	16	4.4	0.0
6/09/2023 19:50	2.9	317	18	4.6	0.0
6/09/2023 20:00	2.5	302	14	3.8	0.0
6/09/2023 20:10	2.2	290	23	3.4	0.0
6/09/2023 20:20	2.3	282	17	3.4	0.0
6/09/2023 20:30	2.1	268	23	3.4	0.0
6/09/2023 20:40	2.1	272	20	3.2	0.0
6/09/2023 20:50	2.1	266	25	3.6	0.0
6/09/2023 21:00	2.2	264	21	3.5	0.0
6/09/2023 21:10	2.4	265	23	4.0	0.0
6/09/2023 21:20	2.4	265	22	4.0	0.0
6/09/2023 21:30	2.1	265	34	3.6	0.0
6/09/2023 21:40	1.6	261	43	3.5	0.0
6/09/2023 21:50	1.2	220	53	2.7	0.0
6/09/2023 22:00	1.9	206	32	3.0	0.0
6/09/2023 22:10	1.2	197	37	2.0	0.0
6/09/2023 22:20	0.6	237	69	1.5	0.0
6/09/2023 22:30	1.0	224	39	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/09/2023 22:40	1.0	191	40	1.8	0.0
6/09/2023 22:50	0.9	226	27	1.7	0.0
6/09/2023 23:00	1.7	194	17	2.5	0.0
6/09/2023 23:10	2.0	196	18	3.1	0.0
6/09/2023 23:20	1.1	191	38	2.0	0.0
6/09/2023 23:30	1.0	213	47	1.9	0.0
6/09/2023 23:40	0.9	201	25	2.0	0.0
6/09/2023 23:50	0.9	198	16	1.7	0.0
7/09/2023 0:00	1.8	199	17	2.5	0.0
7/09/2023 0:10	0.8	186	26	1.3	0.0
7/09/2023 0:20	1.2	218	35	2.0	0.0
7/09/2023 0:30	1.3	225	25	2.1	0.0
7/09/2023 0:40	1.0	163	13	1.4	0.0
7/09/2023 0:50	0.3	263	6	1.1	0.0
7/09/2023 1:00	0.9	206	19	1.6	0.0
7/09/2023 1:10	0.7	327	19	1.6	0.0
7/09/2023 1:20	0.4	289	13	1.1	0.0
7/09/2023 1:30	0.4	178	5	0.8	0.0
7/09/2023 1:40	0.5	340	6	1.2	0.0
7/09/2023 1:50	0.3	134	11	1.0	0.0
7/09/2023 2:00	0.2	33	3	0.9	0.0
7/09/2023 2:10	0.1	198	11	0.8	0.0
7/09/2023 2:20	0.4	224	22	1.2	0.0
7/09/2023 2:30	0.7	107	29	1.6	0.0
7/09/2023 2:40	0.4	86	18	1.2	0.0
7/09/2023 2:50	1.1	90	12	1.9	0.0
7/09/2023 3:00	0.9	100	14	1.4	0.0
7/09/2023 3:10	1.0	95	10	1.4	0.0
7/09/2023 3:20	1.3	93	11	1.7	0.0
7/09/2023 3:30	0.7	82	13	1.6	0.0
7/09/2023 3:40	1.1	78	17	1.8	0.0
7/09/2023 3:50	1.5	74	14	2.3	0.0
7/09/2023 4:00	1.5	82	13	2.2	0.0
7/09/2023 4:10	1.4	86	16	2.2	0.0
7/09/2023 4:20	1.6	99	15	2.4	0.0
7/09/2023 4:30	1.4	104	12	2.0	0.0
7/09/2023 4:40	1.5	104	15	2.3	0.0
7/09/2023 4:50	1.6	110	13	2.2	0.0
7/09/2023 5:00	1.6	99	12	2.4	0.0
7/09/2023 5:10	1.8	95	15	2.7	0.0
7/09/2023 5:20	1.9	87	13	3.0	0.0
7/09/2023 5:30	2.0	87	17	3.1	0.0
7/09/2023 5:40	2.6	90	15	3.9	0.0
7/09/2023 5:50	2.6	90	16	3.5	0.0
7/09/2023 6:00	2.7	121	18	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/09/2023 6:10	2.8	134	20	4.0	0.0
7/09/2023 6:20	2.7	131	21	5.0	0.0
7/09/2023 6:30	2.7	132	21	4.4	0.0
7/09/2023 6:40	2.8	135	20	4.6	0.0
7/09/2023 6:50	3.4	131	21	5.2	0.0
7/09/2023 7:00	3.2	127	18	5.1	0.0
7/09/2023 7:10	2.9	128	19	4.8	0.0
7/09/2023 7:20	3.4	131	20	5.4	0.0
7/09/2023 7:30	4.4	119	17	6.0	0.0
7/09/2023 7:40	4.3	121	18	5.9	0.0
7/09/2023 7:50	4.6	117	14	6.1	0.0
7/09/2023 8:00	4.1	122	16	5.6	0.0
7/09/2023 8:10	4.0	120	14	5.5	0.0
7/09/2023 8:20	3.2	110	22	4.7	0.0
7/09/2023 8:30	2.9	102	21	4.4	0.0
7/09/2023 8:40	3.5	83	14	5.1	0.0
7/09/2023 8:50	3.7	79	15	5.2	0.0
7/09/2023 9:00	3.9	83	15	5.4	0.0
7/09/2023 9:10	4.4	78	14	6.2	0.0
7/09/2023 9:20	5.2	80	13	7.2	0.0
7/09/2023 9:30	5.7	82	13	7.9	0.0
7/09/2023 9:40	5.8	80	16	7.7	0.0
7/09/2023 9:50	5.5	74	14	7.5	0.0
7/09/2023 10:00	5.6	73	14	8.3	0.0
7/09/2023 10:10	4.9	70	16	7.5	0.0
7/09/2023 10:20	5.6	60	14	7.5	0.0
7/09/2023 10:30	6.0	57	12	7.7	0.0
7/09/2023 10:40	5.8	57	11	7.7	0.0
7/09/2023 10:50	5.8	54	12	7.5	0.0
7/09/2023 11:00	6.0	57	11	7.5	0.0
7/09/2023 11:10	6.3	57	10	8.3	0.0
7/09/2023 11:20	6.4	57	10	8.4	0.0
7/09/2023 11:30	5.4	54	12	7.2	0.0
7/09/2023 11:40	5.6	56	14	7.6	0.0
7/09/2023 11:50	5.8	56	12	7.8	0.0
7/09/2023 12:00	6.0	49	12	8.0	0.0
7/09/2023 12:10	5.6	49	13	7.9	0.0
7/09/2023 12:20	5.8	45	12	7.4	0.0
7/09/2023 12:30	5.6	42	12	7.5	0.0
7/09/2023 12:40	5.3	38	14	7.2	0.0
7/09/2023 12:50	5.6	37	14	7.9	0.0
7/09/2023 13:00	5.8	35	12	7.8	0.0
7/09/2023 13:10	5.6	35	12	7.5	0.0
7/09/2023 13:20	5.3	39	14	7.2	0.0
7/09/2023 13:30	5.3	39	14	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/09/2023 13:40	4.9	37	15	6.9	0.0
7/09/2023 13:50	4.9	36	14	6.5	0.0
7/09/2023 14:00	4.9	38	14	6.5	0.0
7/09/2023 14:10	4.9	41	13	6.3	0.0
7/09/2023 14:20	5.3	42	13	7.2	0.0
7/09/2023 14:30	5.4	42	14	7.5	0.0
7/09/2023 14:40	5.3	38	15	7.6	0.0
7/09/2023 14:50	5.2	40	13	7.2	0.0
7/09/2023 15:00	5.4	43	13	7.6	0.0
7/09/2023 15:10	5.2	37	16	7.2	0.0
7/09/2023 15:20	5.4	26	13	7.5	0.0
7/09/2023 15:30	5.5	22	12	7.2	0.0
7/09/2023 15:40	5.4	22	14	7.4	0.0
7/09/2023 15:50	5.3	17	14	7.9	0.0
7/09/2023 16:00	5.5	18	14	7.9	0.0
7/09/2023 16:10	4.6	19	14	6.4	0.0
7/09/2023 16:20	5.0	183	13	7.3	0.0
7/09/2023 16:30	5.6	348	13	7.4	0.0
7/09/2023 16:40	5.6	342	11	7.5	0.0
7/09/2023 16:50	4.5	348	16	6.6	0.0
7/09/2023 17:00	4.3	338	12	6.0	0.0
7/09/2023 17:10	4.3	345	13	6.4	0.0
7/09/2023 17:20	3.9	344	12	5.3	0.0
7/09/2023 17:30	3.8	338	15	5.7	0.0
7/09/2023 17:40	3.5	338	13	5.2	0.0
7/09/2023 17:50	3.5	333	14	4.8	0.0
7/09/2023 18:00	3.4	337	11	4.8	0.0
7/09/2023 18:10	3.7	340	12	5.1	0.0
7/09/2023 18:20	2.8	340	13	4.1	0.0
7/09/2023 18:30	2.7	337	10	3.6	0.0
7/09/2023 18:40	2.3	339	9	3.5	0.0
7/09/2023 18:50	2.4	333	15	3.2	0.0
7/09/2023 19:00	1.7	327	15	2.8	0.0
7/09/2023 19:10	2.3	315	18	4.0	0.0
7/09/2023 19:20	2.1	309	17	3.1	0.0
7/09/2023 19:30	2.7	324	15	4.5	0.0
7/09/2023 19:40	3.0	322	13	4.1	0.0
7/09/2023 19:50	2.5	324	20	3.6	0.0
7/09/2023 20:00	2.6	312	17	3.9	0.0
7/09/2023 20:10	2.5	301	21	3.7	0.0
7/09/2023 20:20	2.9	301	17	4.3	0.0
7/09/2023 20:30	2.7	303	14	3.9	0.0
7/09/2023 20:40	2.4	309	16	3.7	0.0
7/09/2023 20:50	2.4	307	19	3.9	0.0
7/09/2023 21:00	2.5	321	15	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/09/2023 21:10	3.1	327	14	4.2	0.0
7/09/2023 21:20	2.7	321	17	4.0	0.0
7/09/2023 21:30	1.3	288	25	2.4	0.0
7/09/2023 21:40	1.7	294	20	2.5	0.0
7/09/2023 21:50	1.7	311	15	2.4	0.0
7/09/2023 22:00	1.1	335	25	1.8	0.0
7/09/2023 22:10	1.2	343	13	1.6	0.0
7/09/2023 22:20	0.9	324	24	1.8	0.0
7/09/2023 22:30	0.9	245	41	1.6	0.0
7/09/2023 22:40	1.0	253	36	2.1	0.0
7/09/2023 22:50	1.1	256	33	1.7	0.0
7/09/2023 23:00	0.9	285	34	1.6	0.0
7/09/2023 23:10	1.3	339	9	1.7	0.0
7/09/2023 23:20	0.2	339	2	0.9	0.0
7/09/2023 23:30	0.9	337	23	1.3	0.0
7/09/2023 23:40	0.8	314	30	1.4	0.0
7/09/2023 23:50	0.8	195	33	1.4	0.0
8/09/2023 0:00	1.2	244	40	2.0	0.0
8/09/2023 0:10	0.9	205	18	1.5	0.0
8/09/2023 0:20	1.2	205	26	2.0	0.0
8/09/2023 0:30	1.8	197	10	2.8	0.0
8/09/2023 0:40	0.9	204	25	2.1	0.0
8/09/2023 0:50	1.6	191	19	2.4	0.0
8/09/2023 1:00	0.7	211	30	1.6	0.0
8/09/2023 1:10	1.0	186	23	1.7	0.0
8/09/2023 1:20	1.9	200	13	2.8	0.0
8/09/2023 1:30	1.6	195	12	2.4	0.0
8/09/2023 1:40	1.9	195	14	2.5	0.0
8/09/2023 1:50	2.0	201	12	2.7	0.0
8/09/2023 2:00	1.9	199	9	2.7	0.0
8/09/2023 2:10	2.0	199	11	2.7	0.0
8/09/2023 2:20	1.7	198	14	2.5	0.0
8/09/2023 2:30	1.0	176	26	1.8	0.0
8/09/2023 2:40	1.9	167	14	3.1	0.0
8/09/2023 2:50	3.6	155	14	4.6	0.0
8/09/2023 3:00	2.8	186	20	4.8	0.0
8/09/2023 3:10	2.7	153	19	4.3	0.0
8/09/2023 3:20	2.7	155	21	4.3	0.0
8/09/2023 3:30	3.1	171	23	4.7	0.0
8/09/2023 3:40	2.6	177	22	3.8	0.0
8/09/2023 3:50	2.6	148	20	4.0	0.0
8/09/2023 4:00	2.6	135	19	4.5	0.0
8/09/2023 4:10	1.4	133	44	2.5	0.0
8/09/2023 4:20	1.4	106	34	2.4	0.0
8/09/2023 4:30	1.5	100	20	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/09/2023 4:40	1.2	100	18	1.8	0.0
8/09/2023 4:50	0.1	48	6	0.8	0.0
8/09/2023 5:00	0.2	346	4	0.8	0.0
8/09/2023 5:10	0.7	315	13	1.0	0.0
8/09/2023 5:20	0.8	286	30	1.2	0.0
8/09/2023 5:30	1.1	274	18	1.6	0.0
8/09/2023 5:40	1.5	207	11	1.8	0.0
8/09/2023 5:50	1.6	192	13	2.3	0.0
8/09/2023 6:00	0.5	190	18	1.2	0.0
8/09/2023 6:10	0.5	171	9	1.6	0.0
8/09/2023 6:20	2.6	168	11	3.9	0.0
8/09/2023 6:30	2.2	166	13	3.1	0.0
8/09/2023 6:40	1.8	157	11	2.7	0.0
8/09/2023 6:50	1.9	155	15	2.8	0.0
8/09/2023 7:00	2.1	137	20	4.0	0.0
8/09/2023 7:10	2.3	128	18	3.1	0.0
8/09/2023 7:20	2.5	96	19	3.8	0.0
8/09/2023 7:30	2.3	88	14	3.3	0.0
8/09/2023 7:40	2.1	86	16	3.0	0.0
8/09/2023 7:50	2.4	82	14	3.3	0.0
8/09/2023 8:00	2.9	85	16	4.1	0.0
8/09/2023 8:10	3.6	83	15	5.4	0.0
8/09/2023 8:20	4.1	85	16	6.0	0.0
8/09/2023 8:30	4.0	86	15	6.1	0.0
8/09/2023 8:40	4.2	86	15	5.9	0.0
8/09/2023 8:50	4.1	89	13	6.7	0.0
8/09/2023 9:00	4.4	87	15	6.4	0.0
8/09/2023 9:10	4.1	84	13	5.6	0.0
8/09/2023 9:20	3.9	85	14	5.3	0.0
8/09/2023 9:30	4.3	85	14	5.7	0.0
8/09/2023 9:40	4.0	83	16	5.6	0.0
8/09/2023 9:50	4.2	80	16	5.6	0.0
8/09/2023 10:00	4.2	84	13	5.6	0.0
8/09/2023 10:10	4.3	83	13	5.8	0.0
8/09/2023 10:20	4.2	81	15	6.2	0.0
8/09/2023 10:30	4.5	82	15	6.6	0.0
8/09/2023 10:40	4.8	77	15	6.4	0.0
8/09/2023 10:50	5.0	72	12	7.0	0.0
8/09/2023 11:00	5.0	74	15	6.7	0.0
8/09/2023 11:10	4.8	66	15	6.4	0.0
8/09/2023 11:20	5.1	78	16	7.5	0.0
8/09/2023 11:30	5.0	79	16	7.1	0.0
8/09/2023 11:40	5.1	76	17	7.5	0.0
8/09/2023 11:50	5.2	72	13	7.2	0.0
8/09/2023 12:00	5.0	66	14	6.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/09/2023 12:10	4.9	57	11	6.5	0.0
8/09/2023 12:20	5.3	56	12	7.2	0.0
8/09/2023 12:30	4.8	51	14	6.8	0.0
8/09/2023 12:40	4.9	43	14	6.8	0.0
8/09/2023 12:50	5.3	45	14	7.2	0.0
8/09/2023 13:00	4.9	43	14	6.9	0.0
8/09/2023 13:10	5.0	42	15	7.1	0.0
8/09/2023 13:20	5.2	44	12	7.0	0.0
8/09/2023 13:30	4.6	56	13	6.5	0.0
8/09/2023 13:40	4.4	52	12	6.0	0.0
8/09/2023 13:50	4.3	54	14	5.7	0.0
8/09/2023 14:00	4.2	41	13	5.6	0.0
8/09/2023 14:10	3.8	43	13	5.1	0.0
8/09/2023 14:20	4.3	35	14	5.7	0.0
8/09/2023 14:30	4.4	36	14	6.3	0.0
8/09/2023 14:40	4.5	32	14	6.3	0.0
8/09/2023 14:50	4.3	35	13	6.2	0.0
8/09/2023 15:00	4.2	41	12	5.7	0.0
8/09/2023 15:10	4.4	35	13	5.8	0.0
8/09/2023 15:20	4.6	42	11	6.0	0.0
8/09/2023 15:30	4.2	35	13	6.0	0.0
8/09/2023 15:40	4.6	27	14	6.9	0.0
8/09/2023 15:50	4.7	23	12	6.5	0.0
8/09/2023 16:00	4.0	35	17	6.0	0.0
8/09/2023 16:10	4.2	29	17	5.7	0.0
8/09/2023 16:20	3.9	45	13	5.5	0.0
8/09/2023 16:30	3.8	44	13	5.4	0.0
8/09/2023 16:40	4.0	44	12	5.8	0.0
8/09/2023 16:50	3.6	45	11	4.9	0.0
8/09/2023 17:00	3.2	36	12	4.6	0.0
8/09/2023 17:10	3.5	28	12	4.8	0.0
8/09/2023 17:20	3.1	23	12	4.3	0.0
8/09/2023 17:30	3.0	344	13	4.4	0.0
8/09/2023 17:40	3.1	340	12	4.0	0.0
8/09/2023 17:50	2.8	347	13	3.9	0.0
8/09/2023 18:00	1.9	339	10	2.9	0.0
8/09/2023 18:10	2.0	332	11	3.0	0.0
8/09/2023 18:20	2.1	329	10	3.1	0.0
8/09/2023 18:30	1.9	326	10	2.6	0.0
8/09/2023 18:40	1.2	305	16	1.9	0.0
8/09/2023 18:50	1.1	310	13	1.6	0.0
8/09/2023 19:00	1.3	305	12	1.8	0.0
8/09/2023 19:10	1.3	306	13	1.6	0.0
8/09/2023 19:20	1.1	304	11	1.5	0.0
8/09/2023 19:30	0.8	303	11	1.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/09/2023 19:40	1.2	296	15	1.8	0.0
8/09/2023 19:50	1.0	304	17	1.5	0.0
8/09/2023 20:00	1.0	281	17	1.6	0.0
8/09/2023 20:10	1.3	271	23	2.0	0.0
8/09/2023 20:20	1.6	281	15	2.4	0.0
8/09/2023 20:30	1.5	270	19	2.3	0.0
8/09/2023 20:40	1.6	247	26	2.4	0.0
8/09/2023 20:50	1.6	240	26	2.2	0.0
8/09/2023 21:00	1.2	248	17	2.2	0.0
8/09/2023 21:10	1.2	223	30	2.1	0.0
8/09/2023 21:20	0.9	213	17	1.5	0.0
8/09/2023 21:30	1.1	236	25	1.9	0.0
8/09/2023 21:40	1.0	236	16	1.6	0.0
8/09/2023 21:50	1.3	215	14	1.7	0.0
8/09/2023 22:00	0.7	247	21	1.3	0.0
8/09/2023 22:10	1.1	260	18	1.7	0.0
8/09/2023 22:20	1.2	244	19	1.7	0.0
8/09/2023 22:30	1.2	216	21	1.7	0.0
8/09/2023 22:40	0.9	215	19	1.6	0.0
8/09/2023 22:50	0.1	213	9	0.9	0.0
8/09/2023 23:00	0.3	307	13	0.9	0.0
8/09/2023 23:10	1.0	223	24	1.7	0.0
8/09/2023 23:20	0.9	269	15	1.8	0.0
8/09/2023 23:30	0.9	223	31	1.6	0.0
8/09/2023 23:40	0.3	24	20	1.1	0.0
8/09/2023 23:50	0.2	192	7	0.8	0.0
9/09/2023 0:00	0.1	49	0	0.6	0.0
9/09/2023 0:10	0.1	155	3	0.6	0.0
9/09/2023 0:20	0.1	29	4	0.6	0.0
9/09/2023 0:30					0.0
9/09/2023 0:40					0.0
9/09/2023 0:50	0.1	97	0	0.6	0.0
9/09/2023 1:00	0.4	295	23	0.8	0.0
9/09/2023 1:10	0.2	102	14	0.8	0.0
9/09/2023 1:20					0.0
9/09/2023 1:30					0.0
9/09/2023 1:40	0.0	316	3	0.4	0.0
9/09/2023 1:50	0.5	203	60	1.5	0.0
9/09/2023 2:00	0.7	142	54	1.2	0.0
9/09/2023 2:10	0.7	20	28	1.3	0.0
9/09/2023 2:20	0.8	271	71	1.7	0.0
9/09/2023 2:30	1.2	232	67	2.4	0.0
9/09/2023 2:40	1.5	262	59	2.9	0.0
9/09/2023 2:50	1.7	220	44	3.1	0.0
9/09/2023 3:00	1.6	206	42	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/09/2023 3:10	1.6	214	41	3.0	0.0
9/09/2023 3:20	1.5	221	51	2.8	0.0
9/09/2023 3:30	1.8	211	48	4.4	0.0
9/09/2023 3:40	1.6	216	54	3.2	0.0
9/09/2023 3:50	1.4	263	40	3.1	0.0
9/09/2023 4:00	1.4	272	41	2.8	0.0
9/09/2023 4:10	1.6	279	22	2.4	0.0
9/09/2023 4:20	1.4	299	19	1.9	0.0
9/09/2023 4:30	1.3	242	59	2.5	0.0
9/09/2023 4:40	1.7	285	27	2.4	0.0
9/09/2023 4:50	1.5	323	30	2.4	0.0
9/09/2023 5:00	1.1	160	58	1.6	0.0
9/09/2023 5:10	0.8	342	26	1.3	0.0
9/09/2023 5:20	0.6	33	30	1.8	0.0
9/09/2023 5:30	0.7	222	73	1.6	0.0
9/09/2023 5:40	1.1	193	63	1.9	0.0
9/09/2023 5:50	1.4	14	12	2.2	0.0
9/09/2023 6:00	1.6	251	42	2.9	0.0
9/09/2023 6:10	2.4	182	24	4.1	0.0
9/09/2023 6:20	1.9	180	25	3.6	0.0
9/09/2023 6:30	1.9	159	43	3.3	0.0
9/09/2023 6:40	1.5	106	33	2.8	0.0
9/09/2023 6:50	0.7	181	17	1.4	0.0
9/09/2023 7:00	0.4	152	68	1.1	0.0
9/09/2023 7:10	0.6	229	33	1.3	0.0
9/09/2023 7:20	2.2	149	15	3.1	0.0
9/09/2023 7:30	1.7	162	20	3.2	0.0
9/09/2023 7:40	2.1	189	18	3.6	0.0
9/09/2023 7:50	2.2	189	20	3.3	0.0
9/09/2023 8:00	2.0	186	18	2.8	0.0
9/09/2023 8:10	2.6	200	11	3.5	0.0
9/09/2023 8:20	2.7	204	10	3.4	0.0
9/09/2023 8:30	3.1	202	10	3.8	0.0
9/09/2023 8:40	2.4	199	13	3.6	0.0
9/09/2023 8:50	2.3	190	15	3.2	0.0
9/09/2023 9:00	3.0	194	15	4.0	0.0
9/09/2023 9:10	2.8	173	20	4.0	0.0
9/09/2023 9:20	2.9	172	17	4.2	0.0
9/09/2023 9:30	2.4	176	15	3.6	0.0
9/09/2023 9:40	2.3	159	18	3.6	0.0
9/09/2023 9:50	2.0	138	22	3.2	0.0
9/09/2023 10:00	1.9	128	24	3.0	0.0
9/09/2023 10:10	1.9	117	25	2.9	0.0
9/09/2023 10:20	2.3	102	19	3.2	0.0
9/09/2023 10:30	2.2	114	21	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/09/2023 10:40	2.2	116	18	3.1	0.0
9/09/2023 10:50	1.9	75	34	2.5	0.0
9/09/2023 11:00	2.1	115	29	3.5	0.0
9/09/2023 11:10	2.1	56	18	3.4	0.0
9/09/2023 11:20	2.4	66	17	3.2	0.0
9/09/2023 11:30	2.4	49	13	3.4	0.0
9/09/2023 11:40	2.0	74	19	2.8	0.0
9/09/2023 11:50	2.1	52	23	2.8	0.0
9/09/2023 12:00	2.5	57	19	3.3	0.0
9/09/2023 12:10	2.7	59	17	3.9	0.0
9/09/2023 12:20	2.6	64	18	3.7	0.0
9/09/2023 12:30	2.2	48	18	3.0	0.0
9/09/2023 12:40	2.5	70	14	3.3	0.0
9/09/2023 12:50	2.5	58	20	3.6	0.0
9/09/2023 13:00	2.1	52	21	3.2	0.0
9/09/2023 13:10	2.1	61	23	2.9	0.0
9/09/2023 13:20	2.2	70	21	3.2	0.0
9/09/2023 13:30	2.5	55	20	3.6	0.0
9/09/2023 13:40	2.2	49	21	3.3	0.0
9/09/2023 13:50	2.0	47	27	3.0	0.0
9/09/2023 14:00	2.1	49	22	3.3	0.0
9/09/2023 14:10	2.2	48	22	3.4	0.0
9/09/2023 14:20	3.1	25	24	5.0	0.0
9/09/2023 14:30	4.5	22	17	6.4	0.0
9/09/2023 14:40	4.5	16	18	6.4	0.0
9/09/2023 14:50	4.6	190	15	7.2	0.0
9/09/2023 15:00	4.6	332	15	7.3	0.0
9/09/2023 15:10	4.1	351	17	6.1	0.0
9/09/2023 15:20	3.2	325	20	5.1	0.0
9/09/2023 15:30	3.2	341	18	4.9	0.0
9/09/2023 15:40	3.1	321	22	4.9	0.0
9/09/2023 15:50	2.5	4	30	4.2	0.0
9/09/2023 16:00	3.4	331	20	5.2	0.0
9/09/2023 16:10	2.7	303	20	4.0	0.0
9/09/2023 16:20	3.6	335	21	5.2	0.0
9/09/2023 16:30	2.6	304	17	4.4	0.0
9/09/2023 16:40	2.5	318	24	4.1	0.0
9/09/2023 16:50	2.4	324	18	4.0	0.0
9/09/2023 17:00	2.5	322	18	3.4	0.0
9/09/2023 17:10	2.3	328	19	3.4	0.0
9/09/2023 17:20	1.7	332	19	2.7	0.0
9/09/2023 17:30	1.9	322	20	2.8	0.0
9/09/2023 17:40	1.8	318	16	2.9	0.0
9/09/2023 17:50	1.9	324	15	2.9	0.0
9/09/2023 18:00	1.9	303	17	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/09/2023 18:10	1.8	295	15	2.8	0.0
9/09/2023 18:20	1.5	272	19	2.6	0.0
9/09/2023 18:30	1.6	271	19	2.5	0.0
9/09/2023 18:40	1.5	268	25	2.4	0.0
9/09/2023 18:50	1.7	266	18	2.4	0.0
9/09/2023 19:00	1.5	246	30	2.7	0.0
9/09/2023 19:10	1.1	230	38	2.0	0.0
9/09/2023 19:20	0.8	240	25	1.9	0.0
9/09/2023 19:30	1.1	202	25	1.8	0.0
9/09/2023 19:40	0.8	252	39	1.9	0.0
9/09/2023 19:50	0.8	208	23	1.9	0.0
9/09/2023 20:00	0.5	277	52	1.0	0.0
9/09/2023 20:10	0.7	279	52	1.6	0.0
9/09/2023 20:20	1.1	236	19	1.6	0.0
9/09/2023 20:30	1.5	197	19	2.2	0.0
9/09/2023 20:40	0.9	208	50	2.1	0.0
9/09/2023 20:50	1.3	217	38	2.1	0.0
9/09/2023 21:00	1.1	215	69	1.9	0.0
9/09/2023 21:10	1.5	229	31	2.6	0.0
9/09/2023 21:20	1.3	219	53	3.1	0.0
9/09/2023 21:30	1.5	245	35	2.6	0.0
9/09/2023 21:40	1.7	281	18	2.4	0.0
9/09/2023 21:50	1.2	277	33	2.2	0.0
9/09/2023 22:00	1.0	300	50	1.8	0.0
9/09/2023 22:10	1.3	278	71	2.5	0.0
9/09/2023 22:20	1.3	258	41	2.4	0.0
9/09/2023 22:30	1.3	307	29	1.8	0.0
9/09/2023 22:40	1.6	290	13	2.2	0.0
9/09/2023 22:50	1.7	290	12	2.2	0.0
9/09/2023 23:00	1.7	293	10	2.2	0.0
9/09/2023 23:10	1.7	291	7	2.2	0.0
9/09/2023 23:20	1.8	295	9	2.3	0.0
9/09/2023 23:30	1.7	290	8	2.2	0.0
9/09/2023 23:40	1.7	279	11	2.1	0.0
9/09/2023 23:50	1.7	272	10	2.1	0.0
10/09/2023 0:00	1.7	270	10	2.4	0.0
10/09/2023 0:10	2.0	272	9	2.5	0.0
10/09/2023 0:20	1.4	267	27	2.0	0.0
10/09/2023 0:30	2.0	272	9	2.6	0.0
10/09/2023 0:40	1.8	279	9	2.4	0.0
10/09/2023 0:50	1.8	273	17	2.4	0.0
10/09/2023 1:00	1.1	271	69	2.1	0.0
10/09/2023 1:10	1.0	278	36	1.9	0.0
10/09/2023 1:20	0.9	301	32	1.6	0.0
10/09/2023 1:30	0.4	200	30	1.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 1:40	0.6	167	14	1.2	0.0
10/09/2023 1:50	0.3	209	9	1.0	0.0
10/09/2023 2:00	0.1	32	1	0.6	0.0
10/09/2023 2:10					0.0
10/09/2023 2:20	0.8	244	18	1.9	0.0
10/09/2023 2:30	1.0	264	26	1.8	0.0
10/09/2023 2:40	1.8	239	17	2.5	0.0
10/09/2023 2:50	1.0	220	28	1.8	0.0
10/09/2023 3:00	0.1	183	6	0.7	0.0
10/09/2023 3:10	0.5	286	12	1.0	0.0
10/09/2023 3:20	0.6	234	27	1.6	0.0
10/09/2023 3:30	1.6	283	16	2.3	0.0
10/09/2023 3:40	1.3	230	21	2.0	0.0
10/09/2023 3:50	1.6	195	9	2.1	0.0
10/09/2023 4:00	1.4	197	13	2.0	0.0
10/09/2023 4:10	0.9	210	26	1.5	0.0
10/09/2023 4:20	0.9	223	29	1.6	0.0
10/09/2023 4:30	1.3	200	15	1.7	0.0
10/09/2023 4:40	1.4	194	13	2.0	0.0
10/09/2023 4:50	0.8	202	23	1.5	0.0
10/09/2023 5:00	0.8	191	24	1.7	0.0
10/09/2023 5:10	1.5	198	17	2.1	0.0
10/09/2023 5:20	1.1	216	35	1.9	0.0
10/09/2023 5:30	1.3	250	46	3.0	0.0
10/09/2023 5:40	1.1	255	68	2.0	0.0
10/09/2023 5:50	1.0	240	57	2.0	0.0
10/09/2023 6:00	1.2	206	37	2.1	0.0
10/09/2023 6:10	1.9	199	16	3.2	0.0
10/09/2023 6:20	2.5	235	26	3.6	0.0
10/09/2023 6:30	3.4	215	20	5.2	0.0
10/09/2023 6:40	3.4	234	25	5.2	0.0
10/09/2023 6:50	2.5	243	32	4.1	0.0
10/09/2023 7:00	2.6	241	27	4.2	0.0
10/09/2023 7:10	2.6	275	14	3.5	0.0
10/09/2023 7:20	1.7	303	33	2.4	0.0
10/09/2023 7:30	2.3	276	12	3.0	0.0
10/09/2023 7:40	2.2	270	14	2.8	0.0
10/09/2023 7:50	2.2	270	16	3.2	0.0
10/09/2023 8:00	1.4	288	20	2.0	0.0
10/09/2023 8:10	1.3	293	22	2.0	0.0
10/09/2023 8:20	1.0	284	41	1.6	0.0
10/09/2023 8:30	1.0	176	23	1.8	0.0
10/09/2023 8:40	1.2	40	37	1.8	0.0
10/09/2023 8:50	0.9	242	46	1.6	0.0
10/09/2023 9:00	1.5	170	24	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 9:10	1.9	180	23	2.5	0.0
10/09/2023 9:20	2.4	180	18	3.3	0.0
10/09/2023 9:30	1.9	209	24	3.0	0.0
10/09/2023 9:40	2.2	257	27	3.6	0.0
10/09/2023 9:50	2.1	225	43	3.8	0.0
10/09/2023 10:00	2.9	187	24	4.4	0.0
10/09/2023 10:10	3.1	196	15	4.4	0.0
10/09/2023 10:20	3.5	195	13	4.8	0.0
10/09/2023 10:30	3.3	201	15	4.8	0.0
10/09/2023 10:40	3.5	186	16	5.4	0.0
10/09/2023 10:50	3.7	196	15	5.3	0.0
10/09/2023 11:00	4.1	190	13	5.7	0.0
10/09/2023 11:10	3.7	204	20	5.6	0.0
10/09/2023 11:20	3.6	204	20	5.2	0.0
10/09/2023 11:30	3.7	196	18	5.3	0.0
10/09/2023 11:40	2.8	202	24	4.9	0.0
10/09/2023 11:50	3.3	199	21	5.3	0.0
10/09/2023 12:00	2.1	230	50	3.4	0.0
10/09/2023 12:10	2.0	234	44	3.7	0.0
10/09/2023 12:20	1.9	271	48	3.4	0.0
10/09/2023 12:30	1.8	236	40	3.0	0.0
10/09/2023 12:40	2.6	209	25	4.7	0.0
10/09/2023 12:50	2.0	245	54	3.9	0.0
10/09/2023 13:00	2.0	284	37	4.1	0.0
10/09/2023 13:10	2.4	240	27	3.6	0.0
10/09/2023 13:20	2.2	269	49	3.7	0.0
10/09/2023 13:30	2.8	62	22	4.0	0.0
10/09/2023 13:40	2.3	47	26	3.7	0.0
10/09/2023 13:50	2.1	74	37	3.6	0.0
10/09/2023 14:00	4.4	37	23	7.3	0.0
10/09/2023 14:10	3.5	36	36	5.4	0.0
10/09/2023 14:20	3.4	33	25	5.0	0.0
10/09/2023 14:30	3.2	301	36	5.4	0.0
10/09/2023 14:40	4.7	347	17	6.7	0.0
10/09/2023 14:50	4.1	340	17	6.0	0.0
10/09/2023 15:00	4.7	355	16	6.5	0.0
10/09/2023 15:10	4.9	351	14	6.2	0.0
10/09/2023 15:20	4.9	344	12	6.4	0.0
10/09/2023 15:30	4.8	341	14	6.4	0.0
10/09/2023 15:40	4.7	347	13	6.0	0.0
10/09/2023 15:50	4.8	353	12	6.4	0.0
10/09/2023 16:00	4.4	345	11	6.0	0.0
10/09/2023 16:10	4.1	347	14	5.6	0.0
10/09/2023 16:20	4.1	360	13	5.6	0.0
10/09/2023 16:30	3.8	2	12	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/09/2023 16:40	3.5	348	14	5.2	0.0
10/09/2023 16:50	2.9	325	16	4.0	0.0
10/09/2023 17:00	2.7	317	18	4.0	0.0
10/09/2023 17:10	3.1	322	15	4.3	0.0
10/09/2023 17:20	3.1	320	14	4.3	0.0
10/09/2023 17:30	2.7	328	12	3.9	0.0
10/09/2023 17:40	2.3	319	18	3.0	0.0
10/09/2023 17:50	2.2	326	15	3.0	0.0
10/09/2023 18:00	2.3	327	11	3.0	0.0
10/09/2023 18:10	2.3	324	11	3.3	0.0
10/09/2023 18:20	2.4	324	10	3.2	0.0
10/09/2023 18:30	2.0	306	13	2.5	0.0
10/09/2023 18:40	1.7	290	21	2.6	0.0
10/09/2023 18:50	1.1	288	24	2.0	0.0
10/09/2023 19:00	1.5	288	19	2.0	0.0
10/09/2023 19:10	1.8	262	18	2.8	0.0
10/09/2023 19:20	1.8	269	21	3.0	0.0
10/09/2023 19:30	2.2	267	16	3.6	0.0
10/09/2023 19:40	2.0	262	20	2.9	0.0
10/09/2023 19:50	2.3	266	14	3.4	0.0
10/09/2023 20:00	2.2	266	15	3.2	0.0
10/09/2023 20:10	1.5	262	23	2.4	0.0
10/09/2023 20:20	2.0	264	19	3.0	0.0
10/09/2023 20:30	1.7	264	28	2.9	0.0
10/09/2023 20:40	1.8	277	14	2.6	0.0
10/09/2023 20:50	1.6	269	22	2.8	0.0
10/09/2023 21:00	1.3	258	28	2.0	0.0
10/09/2023 21:10	1.2	250	36	2.2	0.0
10/09/2023 21:20	1.2	222	33	2.0	0.0
10/09/2023 21:30	1.7	224	21	2.8	0.0
10/09/2023 21:40	1.7	222	25	3.0	0.0
10/09/2023 21:50	1.9	237	30	2.7	0.0
10/09/2023 22:00	1.8	240	32	3.1	0.0
10/09/2023 22:10	1.9	259	21	3.1	0.0
10/09/2023 22:20	1.9	265	16	3.1	0.0
10/09/2023 22:30	1.5	256	16	2.2	0.0
10/09/2023 22:40	1.4	253	17	2.3	0.0
10/09/2023 22:50	1.3	238	26	2.1	0.0
10/09/2023 23:00	1.1	255	18	2.1	0.0
10/09/2023 23:10	1.4	258	19	2.5	0.0
10/09/2023 23:20	0.9	248	25	1.8	0.0
10/09/2023 23:30	1.2	249	23	2.2	0.0
10/09/2023 23:40	2.2	249	20	3.5	0.0
10/09/2023 23:50	2.0	246	18	3.2	0.0
11/09/2023 0:00	1.9	254	17	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 0:10	2.3	256	15	3.3	0.0
11/09/2023 0:20	2.2	260	15	3.1	0.0
11/09/2023 0:30	2.1	262	14	3.2	0.0
11/09/2023 0:40	2.0	255	16	3.0	0.0
11/09/2023 0:50	2.2	261	13	3.1	0.0
11/09/2023 1:00	2.2	260	15	3.3	0.1
11/09/2023 1:10	2.1	264	14	2.9	0.0
11/09/2023 1:20	2.5	254	12	3.3	0.0
11/09/2023 1:30	2.1	259	13	2.8	0.0
11/09/2023 1:40	1.5	256	21	2.4	0.0
11/09/2023 1:50	1.0	257	34	2.4	0.0
11/09/2023 2:00	0.7	303	32	1.5	0.0
11/09/2023 2:10	0.4	211	44	1.0	0.0
11/09/2023 2:20	0.8	187	30	1.7	0.0
11/09/2023 2:30	1.4	303	52	2.3	0.0
11/09/2023 2:40	1.2	313	36	2.0	0.0
11/09/2023 2:50	0.6	305	16	1.2	0.0
11/09/2023 3:00	1.0	322	16	1.7	0.0
11/09/2023 3:10	1.5	286	38	2.1	0.0
11/09/2023 3:20	0.2	263	24	0.7	0.0
11/09/2023 3:30	0.5	248	43	1.1	0.0
11/09/2023 3:40	0.4	155	32	0.9	0.0
11/09/2023 3:50	0.9	198	39	1.4	0.0
11/09/2023 4:00	0.6	246	25	1.2	0.0
11/09/2023 4:10	0.8	277	73	1.2	0.0
11/09/2023 4:20	0.3	195	35	0.8	0.0
11/09/2023 4:30	0.2	258	11	1.0	0.0
11/09/2023 4:40	0.8	73	27	1.3	0.0
11/09/2023 4:50	1.0	158	43	1.8	0.0
11/09/2023 5:00	0.6	156	62	1.7	0.0
11/09/2023 5:10	0.5	207	21	1.2	0.0
11/09/2023 5:20	0.7	250	74	1.5	0.0
11/09/2023 5:30	1.4	209	66	3.0	0.0
11/09/2023 5:40	1.6	108	42	2.9	0.0
11/09/2023 5:50	0.9	37	27	1.5	0.0
11/09/2023 6:00	1.2	181	41	2.2	0.0
11/09/2023 6:10	3.8	193	15	5.4	0.0
11/09/2023 6:20	4.2	182	13	5.6	0.0
11/09/2023 6:30	4.3	183	14	5.9	0.0
11/09/2023 6:40	5.0	190	11	6.3	0.0
11/09/2023 6:50	2.8	210	38	4.9	0.0
11/09/2023 7:00	1.3	308	26	2.5	0.0
11/09/2023 7:10	1.6	276	20	2.6	0.0
11/09/2023 7:20	2.2	277	20	3.0	0.0
11/09/2023 7:30	1.5	312	53	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 7:40	1.2	58	34	2.8	0.0
11/09/2023 7:50	1.9	118	39	3.7	0.0
11/09/2023 8:00	3.6	158	19	5.0	0.0
11/09/2023 8:10	3.8	157	16	5.4	0.0
11/09/2023 8:20	3.8	156	15	5.9	0.0
11/09/2023 8:30	3.0	158	19	4.6	0.0
11/09/2023 8:40	2.9	134	20	4.7	0.0
11/09/2023 8:50	3.1	150	20	4.4	0.0
11/09/2023 9:00	2.8	170	16	4.3	0.0
11/09/2023 9:10	2.4	131	20	3.4	0.0
11/09/2023 9:20	2.5	109	18	4.3	0.0
11/09/2023 9:30	2.2	87	22	3.2	0.0
11/09/2023 9:40	2.5	67	14	3.6	0.0
11/09/2023 9:50	2.1	53	12	2.8	0.0
11/09/2023 10:00	2.5	59	9	3.0	0.0
11/09/2023 10:10	2.7	52	10	3.6	0.0
11/09/2023 10:20	1.9	61	21	2.7	0.0
11/09/2023 10:30	2.6	62	17	4.0	0.0
11/09/2023 10:40	2.0	85	23	3.0	0.0
11/09/2023 10:50	1.4	87	26	2.1	0.0
11/09/2023 11:00	2.1	68	20	3.0	0.0
11/09/2023 11:10	2.6	59	11	3.6	0.0
11/09/2023 11:20	2.4	68	17	3.3	0.0
11/09/2023 11:30	2.2	69	20	3.1	0.0
11/09/2023 11:40	1.7	62	21	2.5	0.0
11/09/2023 11:50	2.1	60	14	2.7	0.0
11/09/2023 12:00	2.6	63	11	3.5	0.0
11/09/2023 12:10	2.7	72	17	3.8	0.0
11/09/2023 12:20	2.1	66	20	3.0	0.0
11/09/2023 12:30	2.2	71	18	3.0	0.0
11/09/2023 12:40	1.9	74	22	2.4	0.0
11/09/2023 12:50	1.9	74	17	2.5	0.0
11/09/2023 13:00	2.0	75	15	2.4	0.0
11/09/2023 13:10	2.0	53	12	2.5	0.0
11/09/2023 13:20	1.8	54	17	2.3	0.0
11/09/2023 13:30	2.2	54	12	2.7	0.0
11/09/2023 13:40	2.7	194	24	4.1	0.0
11/09/2023 13:50	3.8	328	16	5.0	0.0
11/09/2023 14:00	3.9	340	16	5.2	0.0
11/09/2023 14:10	3.0	327	18	4.5	0.0
11/09/2023 14:20	3.7	319	16	5.1	0.0
11/09/2023 14:30	3.0	324	18	4.2	0.0
11/09/2023 14:40	3.5	328	13	5.1	0.0
11/09/2023 14:50	2.9	316	20	4.5	0.0
11/09/2023 15:00	4.3	327	12	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 15:10	3.5	328	16	5.0	0.0
11/09/2023 15:20	2.8	304	20	4.6	0.0
11/09/2023 15:30	2.7	274	25	4.1	0.0
11/09/2023 15:40	2.9	278	20	4.4	0.0
11/09/2023 15:50	2.9	265	21	4.3	0.0
11/09/2023 16:00	2.3	273	27	3.4	0.0
11/09/2023 16:10	2.6	307	17	3.8	0.0
11/09/2023 16:20	2.4	280	26	3.2	0.0
11/09/2023 16:30	2.8	276	20	4.0	0.0
11/09/2023 16:40	2.7	278	20	3.7	0.0
11/09/2023 16:50	2.4	285	21	3.5	0.0
11/09/2023 17:00	2.7	277	20	4.0	0.0
11/09/2023 17:10	2.8	268	19	3.8	0.0
11/09/2023 17:20	2.5	264	19	3.6	0.0
11/09/2023 17:30	2.4	273	17	3.4	0.0
11/09/2023 17:40	2.8	272	14	3.9	0.0
11/09/2023 17:50	2.4	270	16	3.5	0.0
11/09/2023 18:00	2.3	293	17	3.2	0.0
11/09/2023 18:10	2.1	292	21	3.1	0.0
11/09/2023 18:20	2.0	279	17	2.8	0.0
11/09/2023 18:30	2.0	270	23	3.0	0.0
11/09/2023 18:40	1.7	259	32	3.5	0.0
11/09/2023 18:50	1.5	231	37	2.6	0.0
11/09/2023 19:00	2.0	268	21	3.4	0.0
11/09/2023 19:10	1.6	274	31	3.4	0.0
11/09/2023 19:20	2.0	286	25	3.2	0.0
11/09/2023 19:30	1.9	284	26	3.0	0.0
11/09/2023 19:40	2.4	279	23	3.6	0.0
11/09/2023 19:50	2.0	293	21	3.0	0.0
11/09/2023 20:00	1.5	282	26	2.3	0.0
11/09/2023 20:10	1.0	148	32	2.3	0.0
11/09/2023 20:20	1.7	189	13	2.3	0.0
11/09/2023 20:30	1.0	241	32	1.5	0.0
11/09/2023 20:40	0.8	185	22	1.3	0.0
11/09/2023 20:50	0.8	336	15	1.3	0.0
11/09/2023 21:00	1.2	315	17	1.8	0.0
11/09/2023 21:10	1.5	306	12	2.0	0.0
11/09/2023 21:20	1.0	211	35	1.8	0.0
11/09/2023 21:30	1.1	305	35	1.7	0.0
11/09/2023 21:40	0.5	157	17	1.2	0.0
11/09/2023 21:50	0.6	160	22	1.5	0.0
11/09/2023 22:00	0.6	248	45	1.6	0.0
11/09/2023 22:10	1.8	318	14	2.4	0.0
11/09/2023 22:20	1.3	299	16	1.9	0.0
11/09/2023 22:30	1.1	299	30	1.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/09/2023 22:40	1.2	283	24	2.4	0.0
11/09/2023 22:50	1.3	292	23	2.4	0.0
11/09/2023 23:00	1.3	302	22	2.0	0.0
11/09/2023 23:10	1.3	280	31	2.3	0.0
11/09/2023 23:20	0.9	315	43	1.6	0.0
11/09/2023 23:30	1.3	284	65	2.9	0.0
11/09/2023 23:40	1.8	263	32	3.2	0.0
11/09/2023 23:50	1.7	211	47	4.2	0.0
12/09/2023 0:00	1.6	227	47	3.5	0.0
12/09/2023 0:10	1.4	217	49	3.6	0.0
12/09/2023 0:20	1.5	210	52	3.4	0.0
12/09/2023 0:30	1.8	221	42	3.8	0.0
12/09/2023 0:40	2.0	226	44	3.7	0.0
12/09/2023 0:50	2.0	227	54	3.9	0.0
12/09/2023 1:00	2.3	208	36	4.7	0.0
12/09/2023 1:10	3.5	204	19	5.4	0.0
12/09/2023 1:20	3.1	207	28	5.8	0.0
12/09/2023 1:30	3.9	200	14	5.5	0.0
12/09/2023 1:40	4.0	198	22	6.3	0.0
12/09/2023 1:50	4.7	199	17	6.8	0.0
12/09/2023 2:00	4.5	196	15	6.4	0.0
12/09/2023 2:10	4.9	190	12	6.7	0.0
12/09/2023 2:20	4.4	191	12	6.2	0.0
12/09/2023 2:30	4.7	193	12	6.4	0.0
12/09/2023 2:40	4.7	191	11	6.3	0.0
12/09/2023 2:50	4.6	191	11	6.5	0.0
12/09/2023 3:00	4.9	191	12	6.8	0.0
12/09/2023 3:10	5.0	190	12	6.5	0.0
12/09/2023 3:20	5.0	191	9	6.8	0.0
12/09/2023 3:30	5.4	192	9	6.9	0.0
12/09/2023 3:40	5.1	192	12	6.7	0.0
12/09/2023 3:50	4.9	194	12	6.9	0.0
12/09/2023 4:00	4.9	193	12	6.8	0.0
12/09/2023 4:10	5.4	193	11	7.6	0.0
12/09/2023 4:20	5.2	192	12	6.8	0.0
12/09/2023 4:30	5.0	192	13	7.0	0.0
12/09/2023 4:40	4.8	197	12	6.7	0.0
12/09/2023 4:50	5.1	191	12	6.9	0.0
12/09/2023 5:00	5.0	196	8	6.8	0.0
12/09/2023 5:10	4.6	196	11	6.2	0.0
12/09/2023 5:20	5.0	192	12	6.8	0.0
12/09/2023 5:30	5.1	195	11	6.8	0.0
12/09/2023 5:40	5.0	197	11	6.4	0.0
12/09/2023 5:50	4.4	197	13	6.3	0.0
12/09/2023 6:00	4.5	194	11	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 6:10	4.9	197	9	6.4	0.0
12/09/2023 6:20	4.7	197	11	6.1	0.0
12/09/2023 6:30	4.7	198	10	6.5	0.0
12/09/2023 6:40	4.8	196	11	6.1	0.0
12/09/2023 6:50	3.4	193	17	5.3	0.0
12/09/2023 7:00	2.3	195	20	3.6	0.0
12/09/2023 7:10	1.8	183	23	2.7	0.0
12/09/2023 7:20	2.0	195	21	3.5	0.0
12/09/2023 7:30	2.5	196	18	3.5	0.0
12/09/2023 7:40	1.8	160	34	2.8	0.0
12/09/2023 7:50	1.9	172	32	3.2	0.0
12/09/2023 8:00	1.7	127	26	3.0	0.0
12/09/2023 8:10	1.6	154	24	2.4	0.0
12/09/2023 8:20	1.7	129	27	2.7	0.0
12/09/2023 8:30	1.8	134	34	3.2	0.0
12/09/2023 8:40	2.0	111	26	3.7	0.0
12/09/2023 8:50	1.8	122	21	2.9	0.0
12/09/2023 9:00	2.6	111	20	3.9	0.0
12/09/2023 9:10	2.0	113	27	3.4	0.0
12/09/2023 9:20	1.7	101	32	2.8	0.0
12/09/2023 9:30	2.0	57	15	2.6	0.0
12/09/2023 9:40	1.8	66	21	2.6	0.0
12/09/2023 9:50	2.0	52	16	2.8	0.0
12/09/2023 10:00	2.1	55	14	2.7	0.0
12/09/2023 10:10	2.0	50	22	2.7	0.0
12/09/2023 10:20	1.7	46	21	2.6	0.0
12/09/2023 10:30	2.1	54	16	2.8	0.0
12/09/2023 10:40	2.5	54	13	3.3	0.0
12/09/2023 10:50	2.7	55	20	4.0	0.0
12/09/2023 11:00	2.8	50	18	4.2	0.0
12/09/2023 11:10	3.5	53	16	5.0	0.0
12/09/2023 11:20	3.5	45	15	5.2	0.0
12/09/2023 11:30	3.6	44	13	4.8	0.0
12/09/2023 11:40	3.0	47	16	4.1	0.0
12/09/2023 11:50	2.5	64	16	3.6	0.0
12/09/2023 12:00	2.6	64	14	3.3	0.0
12/09/2023 12:10	2.5	53	13	3.4	0.0
12/09/2023 12:20	2.5	52	22	3.5	0.0
12/09/2023 12:30	2.3	50	19	3.6	0.0
12/09/2023 12:40	2.2	55	21	3.6	0.0
12/09/2023 12:50	2.5	56	17	3.6	0.0
12/09/2023 13:00	2.3	56	22	3.7	0.0
12/09/2023 13:10	2.5	56	17	3.3	0.0
12/09/2023 13:20	3.0	58	13	3.9	0.0
12/09/2023 13:30	2.9	65	15	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 13:40	2.9	60	15	3.8	0.0
12/09/2023 13:50	2.9	56	15	3.8	0.0
12/09/2023 14:00	2.9	63	13	4.3	0.0
12/09/2023 14:10	2.7	55	13	3.7	0.0
12/09/2023 14:20	2.8	59	16	3.6	0.0
12/09/2023 14:30	2.8	61	15	3.8	0.0
12/09/2023 14:40	2.8	57	19	3.9	0.0
12/09/2023 14:50	2.9	59	16	4.4	0.0
12/09/2023 15:00	3.0	62	15	4.2	0.0
12/09/2023 15:10	2.6	58	19	3.6	0.0
12/09/2023 15:20	2.7	66	16	3.6	0.0
12/09/2023 15:30	2.7	63	16	3.9	0.0
12/09/2023 15:40	2.9	64	17	4.5	0.0
12/09/2023 15:50	3.5	60	11	4.7	0.0
12/09/2023 16:00	3.2	59	11	4.4	0.0
12/09/2023 16:10	2.9	49	15	4.6	0.0
12/09/2023 16:20	3.0	56	15	4.4	0.0
12/09/2023 16:30	2.6	57	15	4.0	0.0
12/09/2023 16:40	2.6	63	15	3.7	0.0
12/09/2023 16:50	2.2	74	17	3.3	0.0
12/09/2023 17:00	2.1	75	21	3.2	0.0
12/09/2023 17:10	1.7	59	17	2.5	0.0
12/09/2023 17:20	2.1	64	13	3.1	0.0
12/09/2023 17:30	1.2	76	34	2.5	0.0
12/09/2023 17:40	1.3	89	23	2.4	0.0
12/09/2023 17:50	0.5	94	15	1.6	0.0
12/09/2023 18:00	0.6	95	15	1.1	0.0
12/09/2023 18:10					0.0
12/09/2023 18:20	0.1	304	10	0.9	0.0
12/09/2023 18:30	2.1	268	19	3.2	0.0
12/09/2023 18:40	2.6	254	22	3.6	0.0
12/09/2023 18:50	2.6	266	19	4.3	0.0
12/09/2023 19:00	2.9	268	18	4.0	0.0
12/09/2023 19:10	2.4	264	18	3.8	0.0
12/09/2023 19:20	2.0	219	25	3.2	0.0
12/09/2023 19:30	2.1	236	30	3.3	0.0
12/09/2023 19:40	2.1	266	35	3.3	0.0
12/09/2023 19:50	2.5	267	26	3.9	0.0
12/09/2023 20:00	2.6	269	18	4.2	0.0
12/09/2023 20:10	2.3	273	17	3.9	0.0
12/09/2023 20:20	2.1	275	17	3.1	0.0
12/09/2023 20:30	1.7	261	25	2.7	0.0
12/09/2023 20:40	1.5	240	41	3.2	0.0
12/09/2023 20:50	1.0	260	47	1.8	0.0
12/09/2023 21:00	1.4	267	39	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/09/2023 21:10	1.5	242	53	2.9	0.0
12/09/2023 21:20	1.4	264	34	2.4	0.0
12/09/2023 21:30	1.3	253	33	2.9	0.0
12/09/2023 21:40	1.6	230	60	3.4	0.0
12/09/2023 21:50	2.4	237	28	4.4	0.0
12/09/2023 22:00	1.9	250	41	3.9	0.0
12/09/2023 22:10	2.4	259	33	4.4	0.0
12/09/2023 22:20	2.2	257	43	4.2	0.0
12/09/2023 22:30	2.6	217	41	4.2	0.0
12/09/2023 22:40	4.3	199	18	6.5	0.0
12/09/2023 22:50	3.8	195	18	5.3	0.0
12/09/2023 23:00	4.3	198	17	6.4	0.0
12/09/2023 23:10	3.5	205	26	5.8	0.0
12/09/2023 23:20	2.4	201	58	5.3	0.0
12/09/2023 23:30	1.0	328	62	2.0	0.0
12/09/2023 23:40	1.6	254	40	3.1	0.0
12/09/2023 23:50	1.7	259	52	3.6	0.0
13/09/2023 0:00	1.4	166	34	2.4	0.0
13/09/2023 0:10	2.2	277	22	3.4	0.0
13/09/2023 0:20	1.2	324	32	2.1	0.0
13/09/2023 0:30	2.2	287	22	3.6	0.0
13/09/2023 0:40	2.5	259	31	4.9	0.0
13/09/2023 0:50	1.8	192	51	4.4	0.0
13/09/2023 1:00	3.1	218	30	5.8	0.0
13/09/2023 1:10	1.9	224	65	4.2	0.0
13/09/2023 1:20	1.0	283	52	2.0	0.0
13/09/2023 1:30	1.4	265	47	2.4	0.0
13/09/2023 1:40	1.1	27	52	2.1	0.0
13/09/2023 1:50	1.2	257	24	2.3	0.0
13/09/2023 2:00	1.5	315	26	2.3	0.0
13/09/2023 2:10	1.5	283	19	2.3	0.0
13/09/2023 2:20	1.6	326	19	2.0	0.0
13/09/2023 2:30	0.6	305	19	1.8	0.0
13/09/2023 2:40	1.8	228	30	3.0	0.0
13/09/2023 2:50	1.5	234	49	2.0	0.0
13/09/2023 3:00	2.0	224	26	3.6	0.0
13/09/2023 3:10	2.8	209	20	4.4	0.0
13/09/2023 3:20	1.9	247	34	3.3	0.0
13/09/2023 3:30	2.1	287	9	2.8	0.0
13/09/2023 3:40	1.9	298	17	2.4	0.0
13/09/2023 3:50	2.2	279	9	2.9	0.0
13/09/2023 4:00	2.0	282	8	2.6	0.0
13/09/2023 4:10	1.6	269	22	2.7	0.0
13/09/2023 4:20	2.3	289	12	2.9	0.0
13/09/2023 4:30	2.1	281	12	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 4:40	2.3	264	13	3.0	0.0
13/09/2023 4:50	1.7	282	19	2.4	0.0
13/09/2023 5:00	2.3	291	10	2.9	0.0
13/09/2023 5:10	2.7	265	9	3.6	0.0
13/09/2023 5:20	1.5	287	12	2.0	0.0
13/09/2023 5:30	2.1	275	8	2.8	0.0
13/09/2023 5:40	1.2	178	56	1.9	0.0
13/09/2023 5:50	2.5	271	10	3.7	0.0
13/09/2023 6:00	1.6	276	22	2.5	0.0
13/09/2023 6:10	2.2	280	9	2.8	0.0
13/09/2023 6:20	1.5	258	29	2.4	0.0
13/09/2023 6:30	1.7	247	35	3.2	0.0
13/09/2023 6:40	3.4	205	13	4.6	0.0
13/09/2023 6:50	1.6	266	61	2.7	0.0
13/09/2023 7:00	2.9	214	19	4.7	0.0
13/09/2023 7:10	2.3	184	55	3.3	0.0
13/09/2023 7:20	1.8	128	54	2.9	0.0
13/09/2023 7:30	1.1	113	44	2.2	0.0
13/09/2023 7:40	2.0	112	21	3.4	0.0
13/09/2023 7:50	2.1	90	16	3.4	0.0
13/09/2023 8:00	3.8	70	13	5.6	0.0
13/09/2023 8:10	2.4	69	16	3.6	0.0
13/09/2023 8:20	2.2	67	14	2.9	0.0
13/09/2023 8:30	3.0	65	12	4.2	0.0
13/09/2023 8:40	2.1	72	13	3.0	0.0
13/09/2023 8:50	2.5	60	13	3.6	0.0
13/09/2023 9:00	1.7	65	23	2.4	0.0
13/09/2023 9:10	1.6	49	34	2.4	0.0
13/09/2023 9:20	0.8	145	47	1.8	0.0
13/09/2023 9:30	1.2	86	37	2.1	0.0
13/09/2023 9:40	1.6	169	38	3.2	0.0
13/09/2023 9:50	1.2	90	27	2.2	0.0
13/09/2023 10:00	1.8	137	40	2.6	0.0
13/09/2023 10:10	1.4	102	18	2.8	0.0
13/09/2023 10:20	2.3	94	25	4.0	0.0
13/09/2023 10:30	1.5	181	50	2.8	0.0
13/09/2023 10:40	2.1	176	33	3.6	0.0
13/09/2023 10:50	2.0	191	35	3.6	0.0
13/09/2023 11:00	3.5	66	11	4.4	0.0
13/09/2023 11:10	3.6	59	15	5.1	0.0
13/09/2023 11:20	2.9	62	17	4.2	0.0
13/09/2023 11:30	2.8	64	15	4.0	0.0
13/09/2023 11:40	2.8	62	14	3.7	0.0
13/09/2023 11:50	2.3	59	15	3.6	0.0
13/09/2023 12:00	2.6	64	17	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 12:10	1.7	207	28	2.7	0.0
13/09/2023 12:20	3.1	61	13	4.4	0.0
13/09/2023 12:30	3.1	62	12	4.1	0.0
13/09/2023 12:40	2.2	51	20	3.3	0.0
13/09/2023 12:50	2.7	283	25	4.1	0.0
13/09/2023 13:00	2.2	276	40	3.3	0.0
13/09/2023 13:10	2.5	279	24	4.1	0.0
13/09/2023 13:20	2.8	274	24	4.7	0.0
13/09/2023 13:30	3.1	281	23	5.2	0.0
13/09/2023 13:40	3.8	267	20	5.9	0.0
13/09/2023 13:50	4.0	270	22	6.1	0.0
13/09/2023 14:00	4.0	273	26	5.8	0.0
13/09/2023 14:10	3.9	273	22	6.7	0.0
13/09/2023 14:20	4.1	277	18	6.3	0.0
13/09/2023 14:30	3.9	277	23	6.0	0.0
13/09/2023 14:40	3.9	279	21	5.7	0.0
13/09/2023 14:50	4.0	277	20	6.0	0.0
13/09/2023 15:00	3.9	277	23	6.3	0.0
13/09/2023 15:10	3.8	287	23	6.5	0.0
13/09/2023 15:20	4.2	285	21	6.2	0.0
13/09/2023 15:30	4.5	282	21	6.6	0.0
13/09/2023 15:40	3.6	290	26	6.2	0.0
13/09/2023 15:50	3.9	288	25	6.1	0.0
13/09/2023 16:00	4.2	279	19	6.6	0.0
13/09/2023 16:10	4.2	277	21	6.9	0.0
13/09/2023 16:20	3.4	282	24	6.0	0.0
13/09/2023 16:30	4.1	276	22	6.2	0.0
13/09/2023 16:40	4.0	275	18	6.4	0.0
13/09/2023 16:50	4.3	273	17	6.8	0.0
13/09/2023 17:00	3.3	276	23	5.2	0.0
13/09/2023 17:10	3.5	278	19	5.2	0.0
13/09/2023 17:20	3.5	275	21	5.9	0.0
13/09/2023 17:30	3.6	274	21	6.4	0.0
13/09/2023 17:40	2.8	270	40	5.3	0.0
13/09/2023 17:50	3.2	268	36	5.8	0.0
13/09/2023 18:00	2.4	273	52	5.0	0.0
13/09/2023 18:10	2.6	249	48	5.0	0.0
13/09/2023 18:20	1.9	243	67	4.4	0.0
13/09/2023 18:30	2.8	260	46	5.4	0.0
13/09/2023 18:40	2.5	262	44	4.8	0.0
13/09/2023 18:50	3.3	262	32	6.2	0.0
13/09/2023 19:00	2.5	260	44	4.7	0.0
13/09/2023 19:10	1.9	231	62	3.9	0.0
13/09/2023 19:20	2.3	247	49	5.1	0.0
13/09/2023 19:30	2.9	261	41	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/09/2023 19:40	2.8	254	41	5.9	0.0
13/09/2023 19:50	3.4	257	32	5.9	0.0
13/09/2023 20:00	2.2	245	52	4.0	0.0
13/09/2023 20:10	3.4	249	37	6.3	0.0
13/09/2023 20:20	2.6	252	50	6.0	0.0
13/09/2023 20:30	2.6	265	39	5.1	0.0
13/09/2023 20:40	2.6	232	47	4.6	0.0
13/09/2023 20:50	2.8	264	41	6.0	0.0
13/09/2023 21:00	2.4	244	50	4.1	0.0
13/09/2023 21:10	2.9	271	30	5.5	0.0
13/09/2023 21:20	2.5	273	36	4.4	0.0
13/09/2023 21:30	2.3	274	43	4.3	0.0
13/09/2023 21:40	2.1	264	43	3.9	0.0
13/09/2023 21:50	2.2	272	46	5.0	0.0
13/09/2023 22:00	2.2	268	43	5.2	0.0
13/09/2023 22:10	2.1	264	49	4.6	0.0
13/09/2023 22:20	2.3	269	38	4.4	0.0
13/09/2023 22:30	2.2	261	45	4.4	0.0
13/09/2023 22:40	1.7	227	64	3.7	0.0
13/09/2023 22:50	2.3	251	49	3.9	0.0
13/09/2023 23:00	2.3	244	53	4.5	0.0
13/09/2023 23:10	2.4	249	51	4.7	0.0
13/09/2023 23:20	2.2	252	56	4.4	0.0
13/09/2023 23:30	1.7	194	77	4.0	0.0
13/09/2023 23:40	1.7	240	68	3.7	0.0
13/09/2023 23:50	1.5	263	63	3.5	0.0
14/09/2023 0:00	1.8	253	50	4.0	0.0
14/09/2023 0:10	1.3	249	60	2.4	0.0
14/09/2023 0:20	1.5	220	68	3.0	0.0
14/09/2023 0:30	1.7	183	53	3.9	0.0
14/09/2023 0:40	2.0	214	47	3.6	0.0
14/09/2023 0:50	1.6	207	77	3.6	0.0
14/09/2023 1:00	2.1	224	59	4.2	0.0
14/09/2023 1:10	1.7	225	71	4.1	0.0
14/09/2023 1:20	1.4	211	77	3.0	0.0
14/09/2023 1:30	1.4	215	56	2.8	0.0
14/09/2023 1:40	1.7	270	59	3.5	0.0
14/09/2023 1:50	1.6	254	58	3.7	0.0
14/09/2023 2:00	1.3	210	77	2.6	0.0
14/09/2023 2:10	1.4	210	55	2.4	0.0
14/09/2023 2:20	1.6	222	43	3.9	0.0
14/09/2023 2:30	1.7	238	52	3.2	0.0
14/09/2023 2:40	1.7	241	66	3.9	0.0
14/09/2023 2:50	1.9	222	52	3.6	0.0
14/09/2023 3:00	1.0	185	74	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 3:10	1.3	211	70	3.0	0.0
14/09/2023 3:20	1.2	253	66	3.0	0.0
14/09/2023 3:30	2.0	242	40	4.1	0.0
14/09/2023 3:40	2.1	232	34	4.3	0.0
14/09/2023 3:50	2.4	223	38	4.5	0.0
14/09/2023 4:00	2.8	209	35	5.9	0.0
14/09/2023 4:10	3.9	209	26	6.4	0.0
14/09/2023 4:20	4.4	206	22	7.2	0.0
14/09/2023 4:30	4.8	204	17	6.7	0.0
14/09/2023 4:40	5.0	192	13	7.5	0.0
14/09/2023 4:50	4.6	193	15	7.2	0.0
14/09/2023 5:00	4.9	195	13	6.9	0.0
14/09/2023 5:10	4.9	195	14	6.9	0.0
14/09/2023 5:20	4.8	197	13	7.1	0.0
14/09/2023 5:30	4.8	197	12	6.5	0.0
14/09/2023 5:40	4.9	194	13	7.1	0.0
14/09/2023 5:50	5.2	193	11	7.4	0.0
14/09/2023 6:00	4.4	196	14	6.6	0.0
14/09/2023 6:10	3.5	197	15	5.8	0.0
14/09/2023 6:20	3.3	200	17	5.2	0.0
14/09/2023 6:30	2.3	235	35	4.0	0.0
14/09/2023 6:40	1.6	264	41	2.9	0.0
14/09/2023 6:50	1.4	241	40	2.7	0.0
14/09/2023 7:00	1.2	220	33	2.6	0.0
14/09/2023 7:10	1.1	195	32	2.5	0.0
14/09/2023 7:20	2.8	199	14	4.0	0.0
14/09/2023 7:30	3.4	197	16	5.1	0.0
14/09/2023 7:40	2.2	211	23	3.6	0.0
14/09/2023 7:50	2.9	211	18	4.7	0.0
14/09/2023 8:00	2.7	213	20	4.0	0.0
14/09/2023 8:10	2.5	201	17	3.9	0.0
14/09/2023 8:20	2.6	200	19	4.3	0.0
14/09/2023 8:30	1.8	189	28	3.5	0.0
14/09/2023 8:40	1.7	208	30	3.2	0.0
14/09/2023 8:50	2.1	205	22	3.1	0.0
14/09/2023 9:00	1.7	206	25	3.0	0.0
14/09/2023 9:10	2.2	202	21	3.6	0.0
14/09/2023 9:20	1.8	160	31	3.1	0.0
14/09/2023 9:30	1.4	164	38	3.0	0.0
14/09/2023 9:40	1.7	129	37	3.1	0.0
14/09/2023 9:50	1.6	110	35	2.8	0.0
14/09/2023 10:00	1.9	76	26	2.8	0.0
14/09/2023 10:10	2.5	82	23	3.8	0.0
14/09/2023 10:20	2.5	70	17	3.4	0.0
14/09/2023 10:30	1.4	110	33	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 10:40	2.4	52	14	3.0	0.0
14/09/2023 10:50	1.8	54	16	2.4	0.0
14/09/2023 11:00	1.7	46	26	2.6	0.0
14/09/2023 11:10	1.9	315	50	3.4	0.0
14/09/2023 11:20	2.4	278	30	3.6	0.0
14/09/2023 11:30	2.2	269	38	3.5	0.0
14/09/2023 11:40	2.3	306	24	4.1	0.0
14/09/2023 11:50	1.4	249	82	2.9	0.0
14/09/2023 12:00	1.8	309	53	3.5	0.0
14/09/2023 12:10	1.7	190	52	3.2	0.0
14/09/2023 12:20	2.4	273	29	3.6	0.0
14/09/2023 12:30	2.2	257	29	3.2	0.0
14/09/2023 12:40	2.5	285	29	3.6	0.0
14/09/2023 12:50	3.1	329	19	5.1	0.0
14/09/2023 13:00	3.2	325	24	4.8	0.0
14/09/2023 13:10	3.2	327	17	5.0	0.0
14/09/2023 13:20	3.2	325	19	5.3	0.0
14/09/2023 13:30	3.4	323	17	5.5	0.0
14/09/2023 13:40	3.9	332	18	5.6	0.0
14/09/2023 13:50	4.4	329	13	5.9	0.0
14/09/2023 14:00	3.5	321	21	5.9	0.0
14/09/2023 14:10	4.4	334	14	6.4	0.0
14/09/2023 14:20	4.1	323	16	5.9	0.0
14/09/2023 14:30	3.8	320	19	5.7	0.0
14/09/2023 14:40	4.1	319	17	5.9	0.0
14/09/2023 14:50	4.0	324	13	5.8	0.0
14/09/2023 15:00	3.4	316	24	5.2	0.0
14/09/2023 15:10	4.1	322	16	5.9	0.0
14/09/2023 15:20	3.8	308	21	5.8	0.0
14/09/2023 15:30	4.1	297	20	6.0	0.0
14/09/2023 15:40	3.8	296	22	6.2	0.0
14/09/2023 15:50	3.9	304	15	5.9	0.0
14/09/2023 16:00	3.4	297	22	5.4	0.0
14/09/2023 16:10	3.5	299	23	5.6	0.0
14/09/2023 16:20	3.5	286	21	5.2	0.0
14/09/2023 16:30	3.7	293	20	5.8	0.0
14/09/2023 16:40	3.5	291	22	5.6	0.0
14/09/2023 16:50	3.4	297	26	5.8	0.0
14/09/2023 17:00	3.1	299	23	5.2	0.0
14/09/2023 17:10	3.5	299	23	6.0	0.0
14/09/2023 17:20	3.2	295	25	5.6	0.0
14/09/2023 17:30	3.2	297	21	5.4	0.0
14/09/2023 17:40	2.8	287	19	4.7	0.0
14/09/2023 17:50	3.2	273	21	4.6	0.0
14/09/2023 18:00	2.8	274	22	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/09/2023 18:10	3.0	268	22	4.4	0.0
14/09/2023 18:20	3.1	273	21	5.2	0.0
14/09/2023 18:30	3.2	269	20	4.6	0.0
14/09/2023 18:40	3.3	274	18	4.6	0.0
14/09/2023 18:50	3.0	272	28	5.1	0.0
14/09/2023 19:00	3.3	271	29	6.0	0.0
14/09/2023 19:10	2.9	274	21	4.4	0.0
14/09/2023 19:20	2.9	280	23	4.8	0.0
14/09/2023 19:30	3.1	274	29	4.6	0.0
14/09/2023 19:40	2.9	266	25	5.2	0.0
14/09/2023 19:50	3.2	274	21	4.7	0.0
14/09/2023 20:00	2.9	271	23	5.0	0.0
14/09/2023 20:10	3.0	279	26	5.1	0.0
14/09/2023 20:20	2.5	273	28	4.9	0.0
14/09/2023 20:30	2.3	272	32	4.0	0.0
14/09/2023 20:40	2.1	265	50	4.2	0.0
14/09/2023 20:50	1.6	250	53	3.2	0.0
14/09/2023 21:00	2.0	250	36	3.6	0.0
14/09/2023 21:10	2.1	256	39	3.7	0.0
14/09/2023 21:20	1.8	237	45	4.3	0.0
14/09/2023 21:30	1.5	219	56	2.9	0.0
14/09/2023 21:40	1.3	220	65	2.4	0.0
14/09/2023 21:50	1.1	203	66	2.3	0.0
14/09/2023 22:00	1.2	202	65	2.6	0.0
14/09/2023 22:10	1.2	200	63	2.6	0.0
14/09/2023 22:20	1.3	244	63	3.0	0.0
14/09/2023 22:30	1.6	214	47	3.1	0.0
14/09/2023 22:40	1.5	201	53	2.8	0.0
14/09/2023 22:50	1.7	245	50	3.6	0.0
14/09/2023 23:00	1.6	234	66	3.3	0.0
14/09/2023 23:10	1.8	253	55	3.8	0.0
14/09/2023 23:20	1.7	278	40	3.3	0.0
14/09/2023 23:30	1.8	264	43	3.9	0.0
14/09/2023 23:40	1.6	246	59	3.2	0.0
14/09/2023 23:50	1.4	263	63	3.6	0.0
15/09/2023 0:00	1.7	202	59	3.2	0.0
15/09/2023 0:10	1.4	209	62	3.1	0.0
15/09/2023 0:20	1.4	182	72	2.5	0.0
15/09/2023 0:30	1.7	212	69	4.4	0.0
15/09/2023 0:40	1.9	237	49	4.0	0.0
15/09/2023 0:50	1.8	232	65	4.5	0.0
15/09/2023 1:00	2.0	250	44	3.7	0.0
15/09/2023 1:10	1.4	225	78	3.2	0.0
15/09/2023 1:20	1.4	236	78	2.9	0.0
15/09/2023 1:30	1.4	192	73	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 1:40	1.6	200	43	3.2	0.0
15/09/2023 1:50	1.7	207	43	3.0	0.0
15/09/2023 2:00	1.4	210	58	2.7	0.0
15/09/2023 2:10	1.3	206	57	2.9	0.0
15/09/2023 2:20	1.4	197	53	2.8	0.0
15/09/2023 2:30	1.5	211	42	2.8	0.0
15/09/2023 2:40	1.4	196	47	2.7	0.0
15/09/2023 2:50	1.2	216	63	2.8	0.0
15/09/2023 3:00	1.2	225	73	2.7	0.0
15/09/2023 3:10	1.4	189	47	2.4	0.0
15/09/2023 3:20	1.2	244	70	2.4	0.0
15/09/2023 3:30	1.3	191	55	2.8	0.0
15/09/2023 3:40	1.1	246	66	2.5	0.0
15/09/2023 3:50	1.2	211	50	2.4	0.0
15/09/2023 4:00	1.1	235	59	2.4	0.0
15/09/2023 4:10	0.9	134	79	1.8	0.0
15/09/2023 4:20	0.6	44	77	1.2	0.1
15/09/2023 4:30	0.9	283	44	1.8	0.0
15/09/2023 4:40	1.2	262	39	2.4	0.0
15/09/2023 4:50	0.6	236	49	1.5	0.0
15/09/2023 5:00	1.0	180	27	2.1	0.0
15/09/2023 5:10	1.2	196	32	2.3	0.0
15/09/2023 5:20	1.8	214	26	2.7	0.0
15/09/2023 5:30	1.5	206	27	2.3	0.0
15/09/2023 5:40	0.7	247	37	2.0	0.0
15/09/2023 5:50	1.2	263	18	2.3	0.0
15/09/2023 6:00	1.5	272	21	2.5	0.0
15/09/2023 6:10	1.3	292	20	2.1	0.0
15/09/2023 6:20	1.5	291	15	1.9	0.0
15/09/2023 6:30	1.7	302	8	2.3	0.0
15/09/2023 6:40	1.8	298	10	2.3	0.0
15/09/2023 6:50	1.5	292	12	2.1	0.0
15/09/2023 7:00	1.6	297	14	2.0	0.0
15/09/2023 7:10	1.7	302	13	2.1	0.0
15/09/2023 7:20	1.8	293	11	2.3	0.0
15/09/2023 7:30	1.6	303	16	2.4	0.0
15/09/2023 7:40	1.5	296	20	2.2	0.0
15/09/2023 7:50	1.7	304	16	2.3	0.0
15/09/2023 8:00	1.2	292	22	2.0	0.0
15/09/2023 8:10	1.2	305	21	1.6	0.0
15/09/2023 8:20	0.9	301	34	1.6	0.0
15/09/2023 8:30	1.3	51	35	2.0	0.0
15/09/2023 8:40	1.6	51	17	2.0	0.0
15/09/2023 8:50	1.3	43	24	2.1	0.0
15/09/2023 9:00	1.8	25	17	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 9:10	1.3	94	48	2.1	0.0
15/09/2023 9:20	1.9	100	22	2.5	0.0
15/09/2023 9:30	1.4	79	30	2.4	0.0
15/09/2023 9:40	2.0	46	16	2.8	0.0
15/09/2023 9:50	1.5	54	23	2.0	0.0
15/09/2023 10:00	1.3	70	24	1.9	0.0
15/09/2023 10:10	1.5	63	28	2.1	0.0
15/09/2023 10:20	2.1	51	15	2.6	0.0
15/09/2023 10:30	2.3	69	19	3.0	0.0
15/09/2023 10:40	2.3	72	16	3.0	0.0
15/09/2023 10:50	2.3	60	16	3.2	0.0
15/09/2023 11:00	2.2	53	19	3.0	0.0
15/09/2023 11:10	1.9	51	23	2.8	0.0
15/09/2023 11:20	1.9	49	14	2.5	0.0
15/09/2023 11:30	1.7	56	21	2.4	0.0
15/09/2023 11:40	1.9	56	20	2.6	0.0
15/09/2023 11:50	2.0	55	15	2.7	0.0
15/09/2023 12:00	2.1	42	13	2.7	0.0
15/09/2023 12:10	2.1	49	15	2.8	0.0
15/09/2023 12:20	2.2	57	20	3.0	0.0
15/09/2023 12:30	2.1	64	22	3.0	0.0
15/09/2023 12:40	2.3	52	17	3.1	0.0
15/09/2023 12:50	2.6	49	10	3.1	0.0
15/09/2023 13:00	2.5	48	11	3.2	0.0
15/09/2023 13:10	2.9	55	11	3.5	0.0
15/09/2023 13:20	3.2	58	11	3.9	0.0
15/09/2023 13:30	3.1	67	14	4.3	0.0
15/09/2023 13:40	2.9	67	13	4.0	0.0
15/09/2023 13:50	2.7	71	14	3.6	0.0
15/09/2023 14:00	2.1	74	28	3.1	0.0
15/09/2023 14:10	1.9	305	41	3.1	0.0
15/09/2023 14:20	1.9	208	54	3.0	0.0
15/09/2023 14:30	1.9	220	59	3.5	0.0
15/09/2023 14:40	2.7	284	21	4.2	0.0
15/09/2023 14:50	3.5	319	25	5.1	0.0
15/09/2023 15:00	3.7	329	14	5.5	0.0
15/09/2023 15:10	3.7	330	15	5.5	0.0
15/09/2023 15:20	3.8	328	16	5.6	0.0
15/09/2023 15:30	3.9	327	13	5.2	0.0
15/09/2023 15:40	3.8	331	16	5.3	0.0
15/09/2023 15:50	2.6	285	23	3.8	0.0
15/09/2023 16:00	3.0	277	16	4.5	0.0
15/09/2023 16:10	2.5	286	26	4.0	0.0
15/09/2023 16:20	2.9	300	20	4.3	0.0
15/09/2023 16:30	2.4	283	23	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/09/2023 16:40	2.9	280	21	4.2	0.0
15/09/2023 16:50	2.4	293	24	4.1	0.0
15/09/2023 17:00	2.7	280	20	4.1	0.0
15/09/2023 17:10	2.9	275	17	4.3	0.0
15/09/2023 17:20	2.9	271	22	4.1	0.0
15/09/2023 17:30	2.7	273	17	3.8	0.0
15/09/2023 17:40	2.5	280	17	3.4	0.0
15/09/2023 17:50	2.4	276	17	4.3	0.0
15/09/2023 18:00	2.5	268	29	4.0	0.0
15/09/2023 18:10	2.2	279	18	3.3	0.0
15/09/2023 18:20	2.1	289	24	3.0	0.0
15/09/2023 18:30	2.7	280	18	4.0	0.0
15/09/2023 18:40	2.0	278	29	3.6	0.0
15/09/2023 18:50	1.7	268	34	2.6	0.0
15/09/2023 19:00	1.8	257	46	3.2	0.0
15/09/2023 19:10	1.4	283	48	2.8	0.0
15/09/2023 19:20	1.4	259	52	2.4	0.0
15/09/2023 19:30	2.2	277	22	3.5	0.0
15/09/2023 19:40	2.0	283	17	2.8	0.0
15/09/2023 19:50	1.9	280	22	2.7	0.0
15/09/2023 20:00	2.0	272	25	3.3	0.0
15/09/2023 20:10	1.9	266	29	3.2	0.0
15/09/2023 20:20	2.1	273	22	3.9	0.0
15/09/2023 20:30	1.6	276	27	2.9	0.0
15/09/2023 20:40	2.1	274	20	3.3	0.0
15/09/2023 20:50	1.2	270	37	2.6	0.0
15/09/2023 21:00	1.5	283	39	3.2	0.0
15/09/2023 21:10	2.0	274	25	3.3	0.0
15/09/2023 21:20	2.5	274	20	3.8	0.0
15/09/2023 21:30	2.0	264	27	3.4	0.0
15/09/2023 21:40	2.1	275	21	3.6	0.0
15/09/2023 21:50	1.9	278	23	3.3	0.0
15/09/2023 22:00	1.7	279	24	2.5	0.0
15/09/2023 22:10	2.0	275	19	3.3	0.0
15/09/2023 22:20	1.5	267	44	2.6	0.0
15/09/2023 22:30	1.6	269	36	3.1	0.0
15/09/2023 22:40	1.5	269	42	2.9	0.0
15/09/2023 22:50	1.4	244	53	3.1	0.0
15/09/2023 23:00	1.6	252	52	3.0	0.0
15/09/2023 23:10	2.2	261	27	3.8	0.0
15/09/2023 23:20	2.2	260	34	4.4	0.0
15/09/2023 23:30	2.0	259	40	3.6	0.0
15/09/2023 23:40	1.7	241	67	3.6	0.0
15/09/2023 23:50	1.6	281	61	3.0	0.0
16/09/2023 0:00	2.1	258	46	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 0:10	2.4	248	40	4.4	0.0
16/09/2023 0:20	2.3	238	38	4.6	0.0
16/09/2023 0:30	3.7	201	26	6.6	0.0
16/09/2023 0:40	5.7	192	10	7.7	0.0
16/09/2023 0:50	5.8	190	13	7.8	0.0
16/09/2023 1:00	5.1	188	13	7.5	0.0
16/09/2023 1:10	5.7	187	13	7.9	0.0
16/09/2023 1:20	5.1	184	13	8.0	0.0
16/09/2023 1:30	4.3	185	12	6.0	0.0
16/09/2023 1:40	4.2	185	14	6.1	0.0
16/09/2023 1:50	4.0	184	11	6.0	0.0
16/09/2023 2:00	3.6	184	11	5.1	0.0
16/09/2023 2:10	3.5	187	14	5.2	0.0
16/09/2023 2:20	4.2	191	11	5.3	0.0
16/09/2023 2:30	3.9	191	11	5.0	0.0
16/09/2023 2:40	3.2	188	13	4.5	0.0
16/09/2023 2:50	3.0	189	12	4.4	0.0
16/09/2023 3:00	3.2	182	11	4.4	0.0
16/09/2023 3:10	4.5	182	9	6.0	0.0
16/09/2023 3:20	5.0	183	11	6.8	0.0
16/09/2023 3:30	5.1	179	12	6.6	0.0
16/09/2023 3:40	4.5	185	11	6.3	0.0
16/09/2023 3:50	4.6	190	12	6.4	0.0
16/09/2023 4:00	4.1	186	14	5.6	0.0
16/09/2023 4:10	4.2	186	12	6.0	0.0
16/09/2023 4:20	4.7	189	12	6.6	0.0
16/09/2023 4:30	4.5	180	12	5.9	0.0
16/09/2023 4:40	4.4	189	11	6.0	0.0
16/09/2023 4:50	4.3	185	11	5.6	0.0
16/09/2023 5:00	4.2	182	11	5.7	0.0
16/09/2023 5:10	4.2	188	12	5.6	0.0
16/09/2023 5:20	4.4	192	9	5.6	0.0
16/09/2023 5:30	4.3	195	7	5.6	0.0
16/09/2023 5:40	4.5	196	9	5.7	0.0
16/09/2023 5:50	4.5	198	10	5.9	0.0
16/09/2023 6:00	4.3	195	11	5.5	0.0
16/09/2023 6:10	4.3	197	11	5.7	0.0
16/09/2023 6:20	4.9	194	8	6.4	0.0
16/09/2023 6:30	4.8	193	10	6.7	0.0
16/09/2023 6:40	4.8	192	11	6.0	0.0
16/09/2023 6:50	5.5	192	10	6.8	0.0
16/09/2023 7:00	5.2	192	9	6.8	0.0
16/09/2023 7:10	5.4	189	10	7.2	0.0
16/09/2023 7:20	4.9	188	11	6.3	0.0
16/09/2023 7:30	4.8	190	10	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 7:40	5.0	191	9	6.4	0.0
16/09/2023 7:50	5.1	196	7	6.4	0.0
16/09/2023 8:00	5.1	195	10	6.4	0.0
16/09/2023 8:10	4.5	196	11	5.9	0.0
16/09/2023 8:20	4.1	196	9	5.4	0.0
16/09/2023 8:30	3.9	194	10	5.2	0.0
16/09/2023 8:40	3.4	187	13	4.8	0.0
16/09/2023 8:50	2.8	177	17	4.4	0.0
16/09/2023 9:00	2.2	167	21	3.7	0.0
16/09/2023 9:10	2.4	179	21	4.1	0.0
16/09/2023 9:20	2.4	168	23	3.6	0.0
16/09/2023 9:30	2.2	177	25	3.5	0.0
16/09/2023 9:40	2.0	148	31	4.3	0.0
16/09/2023 9:50	1.8	111	23	3.0	0.0
16/09/2023 10:00	1.3	91	43	2.3	0.0
16/09/2023 10:10	1.6	73	25	2.5	0.0
16/09/2023 10:20	1.4	83	30	2.3	0.0
16/09/2023 10:30	1.5	67	25	2.4	0.0
16/09/2023 10:40	1.6	40	13	2.2	0.0
16/09/2023 10:50	1.2	63	45	2.1	0.0
16/09/2023 11:00	1.9	50	13	2.5	0.0
16/09/2023 11:10	1.8	54	9	2.2	0.0
16/09/2023 11:20	1.8	53	14	2.4	0.0
16/09/2023 11:30	2.1	53	13	2.6	0.0
16/09/2023 11:40	1.7	54	17	2.3	0.0
16/09/2023 11:50	2.5	52	11	2.9	0.0
16/09/2023 12:00	2.0	58	14	2.6	0.0
16/09/2023 12:10	2.7	58	12	3.6	0.0
16/09/2023 12:20	2.1	57	18	3.0	0.0
16/09/2023 12:30	2.3	67	15	4.0	0.0
16/09/2023 12:40	2.4	59	11	3.5	0.0
16/09/2023 12:50	2.0	78	20	3.2	0.0
16/09/2023 13:00	2.2	71	15	3.2	0.0
16/09/2023 13:10	2.3	61	12	2.9	0.0
16/09/2023 13:20	2.3	70	14	3.5	0.0
16/09/2023 13:30	2.1	61	13	2.8	0.0
16/09/2023 13:40	2.5	61	13	3.4	0.0
16/09/2023 13:50	2.2	69	17	3.1	0.0
16/09/2023 14:00	2.5	67	12	3.4	0.0
16/09/2023 14:10	2.9	70	16	4.1	0.0
16/09/2023 14:20	2.7	61	18	4.2	0.0
16/09/2023 14:30	4.0	51	13	6.8	0.0
16/09/2023 14:40	3.8	29	17	5.6	0.0
16/09/2023 14:50	3.4	344	15	4.5	0.0
16/09/2023 15:00	3.5	344	15	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 15:10	3.9	352	17	5.2	0.0
16/09/2023 15:20	4.1	357	12	5.2	0.0
16/09/2023 15:30	3.6	331	14	4.8	0.0
16/09/2023 15:40	3.8	333	13	5.0	0.0
16/09/2023 15:50	4.7	348	16	9.0	0.0
16/09/2023 16:00	4.0	344	15	5.7	0.0
16/09/2023 16:10	3.5	327	17	5.3	0.0
16/09/2023 16:20	3.6	296	19	5.4	0.0
16/09/2023 16:30	3.1	263	23	5.0	0.0
16/09/2023 16:40	2.5	270	23	4.4	0.0
16/09/2023 16:50	2.2	291	26	3.7	0.0
16/09/2023 17:00	2.8	304	18	4.3	0.0
16/09/2023 17:10	2.5	308	23	4.0	0.0
16/09/2023 17:20	2.8	293	22	4.7	0.0
16/09/2023 17:30	3.0	298	15	4.4	0.0
16/09/2023 17:40	2.6	270	18	4.2	0.0
16/09/2023 17:50	2.7	268	18	4.2	0.0
16/09/2023 18:00	2.9	266	20	4.4	0.0
16/09/2023 18:10	2.9	268	18	4.4	0.0
16/09/2023 18:20	2.6	256	26	4.0	0.0
16/09/2023 18:30	2.6	269	25	4.0	0.0
16/09/2023 18:40	2.0	280	23	3.3	0.0
16/09/2023 18:50	2.6	284	16	4.0	0.0
16/09/2023 19:00	1.8	295	26	2.8	0.0
16/09/2023 19:10	2.1	271	28	3.2	0.0
16/09/2023 19:20	2.2	280	19	3.3	0.0
16/09/2023 19:30	1.8	290	21	2.8	0.0
16/09/2023 19:40	1.6	285	29	3.0	0.0
16/09/2023 19:50	2.2	271	41	4.1	0.0
16/09/2023 20:00	1.5	257	55	2.5	0.0
16/09/2023 20:10	1.5	263	51	2.6	0.0
16/09/2023 20:20	2.2	279	21	3.4	0.0
16/09/2023 20:30	2.3	279	30	3.7	0.0
16/09/2023 20:40	2.3	271	25	3.7	0.0
16/09/2023 20:50	2.8	280	16	3.9	0.0
16/09/2023 21:00	2.3	282	19	3.4	0.0
16/09/2023 21:10	1.7	271	40	2.9	0.0
16/09/2023 21:20	2.0	267	29	3.6	0.0
16/09/2023 21:30	2.2	277	26	3.7	0.0
16/09/2023 21:40	1.9	280	28	3.0	0.0
16/09/2023 21:50	1.5	284	44	2.5	0.0
16/09/2023 22:00	1.7	299	21	2.4	0.0
16/09/2023 22:10	1.9	317	12	2.5	0.0
16/09/2023 22:20	1.8	321	17	2.6	0.0
16/09/2023 22:30	0.8	6	22	1.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/09/2023 22:40	1.8	270	38	3.6	0.0
16/09/2023 22:50	1.9	246	43	4.0	0.0
16/09/2023 23:00	1.7	264	41	3.5	0.0
16/09/2023 23:10	1.3	259	57	2.6	0.0
16/09/2023 23:20	1.9	233	41	4.0	0.0
16/09/2023 23:30	1.6	248	74	3.2	0.0
16/09/2023 23:40	2.1	229	53	4.0	0.0
16/09/2023 23:50	2.0	234	52	4.4	0.0
17/09/2023 0:00	1.8	267	35	3.2	0.0
17/09/2023 0:10	1.3	297	48	2.8	0.0
17/09/2023 0:20	1.2	294	46	2.3	0.0
17/09/2023 0:30	1.4	293	26	2.0	0.0
17/09/2023 0:40	1.8	286	19	2.8	0.0
17/09/2023 0:50	1.3	282	52	2.1	0.0
17/09/2023 1:00	1.1	166	56	2.2	0.0
17/09/2023 1:10	1.4	297	49	2.1	0.0
17/09/2023 1:20	2.1	298	7	2.5	0.0
17/09/2023 1:30	2.0	292	7	2.6	0.0
17/09/2023 1:40	1.7	288	11	2.2	0.0
17/09/2023 1:50	1.1	316	25	1.6	0.0
17/09/2023 2:00	0.1	173	6	0.9	0.0
17/09/2023 2:10	1.4	266	12	2.0	0.0
17/09/2023 2:20	1.7	256	13	2.4	0.0
17/09/2023 2:30	1.3	258	15	1.7	0.0
17/09/2023 2:40	1.0	344	43	1.5	0.0
17/09/2023 2:50	0.8	282	22	1.5	0.0
17/09/2023 3:00	1.0	216	25	1.8	0.0
17/09/2023 3:10	1.8	240	18	2.4	0.0
17/09/2023 3:20	1.5	211	18	2.2	0.0
17/09/2023 3:30	1.1	278	34	1.6	0.0
17/09/2023 3:40	1.0	246	34	1.4	0.0
17/09/2023 3:50	0.4	208	16	0.9	0.0
17/09/2023 4:00	1.1	215	23	1.9	0.0
17/09/2023 4:10	2.3	253	10	3.0	0.0
17/09/2023 4:20	2.4	262	7	2.9	0.0
17/09/2023 4:30	1.9	256	12	2.8	0.0
17/09/2023 4:40	1.1	291	40	1.8	0.0
17/09/2023 4:50	1.5	215	21	2.2	0.0
17/09/2023 5:00	2.5	258	9	3.2	0.0
17/09/2023 5:10	2.2	263	9	2.8	0.0
17/09/2023 5:20	2.5	257	7	3.1	0.0
17/09/2023 5:30	2.4	256	8	3.0	0.0
17/09/2023 5:40	1.8	263	16	2.3	0.0
17/09/2023 5:50	1.3	284	29	2.0	0.0
17/09/2023 6:00	1.7	253	24	2.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 6:10	1.0	240	11	1.9	0.0
17/09/2023 6:20	2.2	266	9	2.9	0.0
17/09/2023 6:30	1.5	259	25	2.3	0.0
17/09/2023 6:40	1.9	275	9	2.5	0.0
17/09/2023 6:50	1.4	242	24	2.4	0.0
17/09/2023 7:00	0.6	26	32	1.6	0.0
17/09/2023 7:10	0.5	219	38	1.3	0.0
17/09/2023 7:20	0.3	80	6	0.9	0.0
17/09/2023 7:30	0.3	25	16	1.0	0.0
17/09/2023 7:40	1.1	51	14	1.6	0.0
17/09/2023 7:50	1.4	49	13	1.9	0.0
17/09/2023 8:00	1.1	51	19	1.7	0.0
17/09/2023 8:10	1.3	72	18	2.4	0.0
17/09/2023 8:20	1.6	57	18	2.2	0.0
17/09/2023 8:30	1.7	62	14	2.3	0.0
17/09/2023 8:40	2.2	60	12	3.0	0.0
17/09/2023 8:50	2.2	68	14	2.8	0.0
17/09/2023 9:00	2.2	74	15	3.2	0.0
17/09/2023 9:10	2.1	66	17	2.6	0.0
17/09/2023 9:20	2.0	76	17	2.9	0.0
17/09/2023 9:30	2.2	62	17	2.8	0.0
17/09/2023 9:40	2.0	61	14	2.5	0.0
17/09/2023 9:50	2.0	51	13	2.9	0.0
17/09/2023 10:00	1.9	56	20	2.4	0.0
17/09/2023 10:10	2.1	56	17	2.9	0.0
17/09/2023 10:20	2.6	56	11	3.3	0.0
17/09/2023 10:30	3.0	56	12	4.2	0.0
17/09/2023 10:40	2.7	59	15	3.6	0.0
17/09/2023 10:50	2.7	59	16	3.7	0.0
17/09/2023 11:00	2.7	57	16	3.7	0.0
17/09/2023 11:10	2.7	56	16	3.8	0.0
17/09/2023 11:20	2.3	64	17	3.0	0.0
17/09/2023 11:30	2.4	62	16	3.1	0.0
17/09/2023 11:40	2.1	70	17	2.9	0.0
17/09/2023 11:50	2.0	69	24	2.9	0.0
17/09/2023 12:00	2.5	79	15	3.2	0.0
17/09/2023 12:10	2.1	65	24	3.4	0.0
17/09/2023 12:20	3.2	75	16	4.4	0.0
17/09/2023 12:30	2.8	66	19	3.7	0.0
17/09/2023 12:40	3.2	55	14	4.8	0.0
17/09/2023 12:50	3.1	47	22	4.5	0.0
17/09/2023 13:00	3.0	33	32	4.8	0.0
17/09/2023 13:10	3.4	39	16	5.1	0.0
17/09/2023 13:20	3.1	29	19	4.4	0.0
17/09/2023 13:30	4.1	54	13	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 13:40	3.3	14	17	5.0	0.0
17/09/2023 13:50	3.4	50	19	5.6	0.0
17/09/2023 14:00	3.0	188	30	4.3	0.0
17/09/2023 14:10	3.3	216	28	5.2	0.0
17/09/2023 14:20	3.4	53	20	5.3	0.0
17/09/2023 14:30	3.1	198	19	4.4	0.0
17/09/2023 14:40	4.0	358	17	5.0	0.0
17/09/2023 14:50	4.3	348	13	5.5	0.0
17/09/2023 15:00	4.5	353	16	5.8	0.0
17/09/2023 15:10	4.3	348	14	5.8	0.0
17/09/2023 15:20	4.4	350	15	5.6	0.0
17/09/2023 15:30	3.9	338	13	5.2	0.0
17/09/2023 15:40	4.1	333	12	5.5	0.0
17/09/2023 15:50	3.5	325	17	4.9	0.0
17/09/2023 16:00	3.3	321	16	4.9	0.0
17/09/2023 16:10	2.8	320	18	4.4	0.0
17/09/2023 16:20	2.4	281	35	4.0	0.0
17/09/2023 16:30	2.3	247	31	4.2	0.0
17/09/2023 16:40	2.2	213	26	3.8	0.0
17/09/2023 16:50	3.8	217	15	5.4	0.0
17/09/2023 17:00	2.7	277	24	4.4	0.0
17/09/2023 17:10	2.7	311	21	4.0	0.0
17/09/2023 17:20	2.3	278	23	3.5	0.0
17/09/2023 17:30	2.3	282	29	4.0	0.0
17/09/2023 17:40	2.1	256	30	3.4	0.0
17/09/2023 17:50	2.9	256	20	4.1	0.0
17/09/2023 18:00	3.0	273	19	4.3	0.0
17/09/2023 18:10	2.7	273	23	3.9	0.0
17/09/2023 18:20	3.3	295	15	4.8	0.0
17/09/2023 18:30	2.8	275	20	4.3	0.0
17/09/2023 18:40	2.5	270	21	3.8	0.0
17/09/2023 18:50	2.0	229	38	3.5	0.0
17/09/2023 19:00	2.2	229	37	3.5	0.0
17/09/2023 19:10	2.9	271	18	4.6	0.0
17/09/2023 19:20	2.4	263	26	3.7	0.0
17/09/2023 19:30	2.5	277	18	3.9	0.0
17/09/2023 19:40	2.3	280	20	3.9	0.0
17/09/2023 19:50	2.3	293	19	3.4	0.0
17/09/2023 20:00	1.9	278	24	3.3	0.0
17/09/2023 20:10	2.8	278	19	4.3	0.0
17/09/2023 20:20	2.6	265	30	4.3	0.0
17/09/2023 20:30	2.9	272	26	5.2	0.0
17/09/2023 20:40	3.0	266	19	4.2	0.0
17/09/2023 20:50	2.6	268	21	4.0	0.0
17/09/2023 21:00	2.9	271	18	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/09/2023 21:10	3.4	301	20	4.9	0.0
17/09/2023 21:20	2.9	264	25	4.5	0.0
17/09/2023 21:30	3.5	293	19	4.8	0.0
17/09/2023 21:40	2.6	261	35	4.8	0.0
17/09/2023 21:50	3.0	283	23	4.4	0.0
17/09/2023 22:00	2.7	289	20	4.2	0.0
17/09/2023 22:10	2.5	287	25	4.6	0.0
17/09/2023 22:20	2.3	296	23	3.8	0.0
17/09/2023 22:30	2.2	274	35	4.0	0.0
17/09/2023 22:40	2.2	294	23	3.5	0.0
17/09/2023 22:50	2.4	265	21	3.7	0.0
17/09/2023 23:00	2.2	277	23	3.5	0.0
17/09/2023 23:10	1.8	278	28	3.1	0.0
17/09/2023 23:20	1.6	267	34	2.7	0.0
17/09/2023 23:30	2.0	271	26	3.5	0.0
17/09/2023 23:40	2.2	271	20	3.5	0.0
17/09/2023 23:50	2.2	276	21	4.0	0.0
18/09/2023 0:00	2.0	271	21	3.6	0.0
18/09/2023 0:10	2.1	272	28	3.2	0.0
18/09/2023 0:20	1.9	267	43	3.7	0.0
18/09/2023 0:30	1.4	228	46	2.7	0.0
18/09/2023 0:40	1.4	252	60	3.0	0.0
18/09/2023 0:50	1.5	233	51	2.4	0.0
18/09/2023 1:00	1.8	271	22	3.1	0.0
18/09/2023 1:10	2.5	274	15	3.6	0.0
18/09/2023 1:20	1.8	258	31	3.2	0.0
18/09/2023 1:30	1.5	272	37	2.7	0.0
18/09/2023 1:40	1.1	230	65	2.2	0.0
18/09/2023 1:50	1.4	216	41	2.6	0.0
18/09/2023 2:00	1.6	257	30	3.2	0.0
18/09/2023 2:10	1.8	260	33	3.3	0.0
18/09/2023 2:20	1.8	253	44	3.6	0.0
18/09/2023 2:30	1.6	246	45	3.4	0.0
18/09/2023 2:40	1.4	265	34	2.7	0.0
18/09/2023 2:50	1.6	269	45	2.7	0.0
18/09/2023 3:00	1.2	275	47	3.0	0.0
18/09/2023 3:10	0.8	264	64	2.0	0.0
18/09/2023 3:20	1.3	278	32	2.0	0.0
18/09/2023 3:30	1.4	287	20	2.2	0.0
18/09/2023 3:40	1.3	283	25	2.0	0.0
18/09/2023 3:50	1.1	198	36	1.9	0.0
18/09/2023 4:00	0.9	261	74	2.4	0.0
18/09/2023 4:10	1.1	215	50	2.4	0.0
18/09/2023 4:20	0.6	189	67	1.5	0.0
18/09/2023 4:30	0.6	125	59	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 4:40	0.8	198	46	2.4	0.0
18/09/2023 4:50	1.1	268	40	2.4	0.0
18/09/2023 5:00	0.8	257	61	2.2	0.0
18/09/2023 5:10	1.0	282	45	2.0	0.0
18/09/2023 5:20	0.9	306	37	2.4	0.0
18/09/2023 5:30	1.0	289	26	2.2	0.0
18/09/2023 5:40	0.9	287	21	1.6	0.0
18/09/2023 5:50	1.4	283	23	2.4	0.0
18/09/2023 6:00	0.7	213	38	1.2	0.0
18/09/2023 6:10	1.4	192	13	1.8	0.0
18/09/2023 6:20	0.8	246	33	1.6	0.0
18/09/2023 6:30	1.0	190	23	1.6	0.0
18/09/2023 6:40	1.1	219	60	2.5	0.0
18/09/2023 6:50	0.4	153	34	1.3	0.0
18/09/2023 7:00	0.7	279	49	1.9	0.0
18/09/2023 7:10	0.9	237	55	1.5	0.0
18/09/2023 7:20	1.7	288	24	2.8	0.0
18/09/2023 7:30	1.2	286	24	2.2	0.0
18/09/2023 7:40	1.2	253	37	2.1	0.0
18/09/2023 7:50	1.2	260	33	2.3	0.0
18/09/2023 8:00	1.4	302	25	2.3	0.0
18/09/2023 8:10	1.2	268	33	1.9	0.0
18/09/2023 8:20	1.0	204	40	2.1	0.0
18/09/2023 8:30	1.3	136	31	2.2	0.0
18/09/2023 8:40	1.2	180	27	1.9	0.0
18/09/2023 8:50	1.6	66	28	2.9	0.0
18/09/2023 9:00	2.5	65	18	3.7	0.0
18/09/2023 9:10	2.2	91	17	3.2	0.0
18/09/2023 9:20	2.2	73	22	3.6	0.0
18/09/2023 9:30	2.0	61	18	3.0	0.0
18/09/2023 9:40	1.9	70	22	3.0	0.0
18/09/2023 9:50	2.1	67	19	3.0	0.0
18/09/2023 10:00	2.4	78	21	3.5	0.0
18/09/2023 10:10	1.9	65	23	3.0	0.0
18/09/2023 10:20	2.0	76	21	3.1	0.0
18/09/2023 10:30	2.6	67	19	3.7	0.0
18/09/2023 10:40	2.1	58	25	3.4	0.0
18/09/2023 10:50	2.8	65	17	3.6	0.0
18/09/2023 11:00	2.9	60	19	4.0	0.0
18/09/2023 11:10	2.1	60	21	3.2	0.0
18/09/2023 11:20	2.4	195	44	4.2	0.0
18/09/2023 11:30	1.9	170	45	3.6	0.0
18/09/2023 11:40	1.9	315	55	3.4	0.0
18/09/2023 11:50	2.5	292	36	4.0	0.0
18/09/2023 12:00	1.9	273	27	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 12:10	2.2	299	34	3.7	0.0
18/09/2023 12:20	2.3	329	27	3.9	0.0
18/09/2023 12:30	2.9	353	19	4.1	0.0
18/09/2023 12:40	3.0	327	17	4.4	0.0
18/09/2023 12:50	2.9	328	22	4.6	0.0
18/09/2023 13:00	3.0	325	19	4.6	0.0
18/09/2023 13:10	2.7	292	28	4.7	0.0
18/09/2023 13:20	2.9	287	23	4.7	0.0
18/09/2023 13:30	3.2	267	23	5.4	0.0
18/09/2023 13:40	3.0	272	23	4.7	0.0
18/09/2023 13:50	2.9	283	29	4.8	0.0
18/09/2023 14:00	2.9	323	26	4.6	0.0
18/09/2023 14:10	3.0	306	22	4.7	0.0
18/09/2023 14:20	3.2	293	26	5.0	0.0
18/09/2023 14:30	3.0	289	22	4.6	0.0
18/09/2023 14:40	3.2	294	20	4.8	0.0
18/09/2023 14:50	3.3	293	23	5.0	0.0
18/09/2023 15:00	3.0	305	23	4.8	0.0
18/09/2023 15:10	3.4	302	20	4.9	0.0
18/09/2023 15:20	3.2	302	21	4.9	0.0
18/09/2023 15:30	3.1	293	26	4.6	0.0
18/09/2023 15:40	3.3	301	22	5.3	0.0
18/09/2023 15:50	2.9	293	23	4.4	0.0
18/09/2023 16:00	2.6	302	25	4.2	0.0
18/09/2023 16:10	2.6	281	27	4.4	0.0
18/09/2023 16:20	2.8	306	27	4.0	0.0
18/09/2023 16:30	3.2	323	25	5.4	0.0
18/09/2023 16:40	2.9	317	16	4.4	0.0
18/09/2023 16:50	3.6	314	12	5.2	0.0
18/09/2023 17:00	4.0	328	11	5.7	0.0
18/09/2023 17:10	3.7	319	15	5.0	0.0
18/09/2023 17:20	3.2	305	18	5.1	0.0
18/09/2023 17:30	3.2	330	21	5.3	0.0
18/09/2023 17:40	2.9	317	18	4.4	0.0
18/09/2023 17:50	3.2	306	18	5.1	0.0
18/09/2023 18:00	3.4	291	17	4.9	0.0
18/09/2023 18:10	3.1	279	20	4.7	0.0
18/09/2023 18:20	2.7	285	21	4.1	0.0
18/09/2023 18:30	3.2	286	22	5.1	0.0
18/09/2023 18:40	3.2	291	24	5.1	0.0
18/09/2023 18:50	2.5	307	20	4.1	0.0
18/09/2023 19:00	1.7	307	24	2.9	0.0
18/09/2023 19:10	2.8	287	17	4.3	0.0
18/09/2023 19:20	2.9	300	23	4.7	0.0
18/09/2023 19:30	3.2	302	19	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/09/2023 19:40	2.5	293	22	4.4	0.0
18/09/2023 19:50	2.6	289	24	4.4	0.0
18/09/2023 20:00	3.1	282	21	4.8	0.0
18/09/2023 20:10	2.6	285	25	4.4	0.0
18/09/2023 20:20	2.6	292	23	4.2	0.0
18/09/2023 20:30	2.5	293	23	4.7	0.0
18/09/2023 20:40	2.9	282	21	4.9	0.0
18/09/2023 20:50	2.7	282	20	4.4	0.0
18/09/2023 21:00	2.5	291	21	3.9	0.0
18/09/2023 21:10	2.9	300	21	4.2	0.0
18/09/2023 21:20	2.9	277	19	4.1	0.0
18/09/2023 21:30	2.5	264	30	4.2	0.0
18/09/2023 21:40	2.2	271	32	4.1	0.0
18/09/2023 21:50	2.3	305	22	3.7	0.0
18/09/2023 22:00	2.3	279	24	3.8	0.0
18/09/2023 22:10	2.3	268	24	3.5	0.0
18/09/2023 22:20	2.6	275	24	4.5	0.0
18/09/2023 22:30	2.6	278	20	4.3	0.0
18/09/2023 22:40	2.5	264	23	4.2	0.0
18/09/2023 22:50	3.1	263	25	4.9	0.0
18/09/2023 23:00	2.4	275	24	4.4	0.0
18/09/2023 23:10	2.1	268	32	3.8	0.0
18/09/2023 23:20	2.2	260	28	3.8	0.0
18/09/2023 23:30	2.3	266	26	4.0	0.0
18/09/2023 23:40	2.3	269	22	3.9	0.0
18/09/2023 23:50	2.6	265	23	4.1	0.0
19/09/2023 0:00	2.1	261	42	3.6	0.0
19/09/2023 0:10	1.7	276	35	3.8	0.0
19/09/2023 0:20	2.1	271	28	3.5	0.0
19/09/2023 0:30	1.6	242	38	2.8	0.0
19/09/2023 0:40	1.6	236	51	3.3	0.0
19/09/2023 0:50	1.7	247	56	3.2	0.0
19/09/2023 1:00	2.2	270	29	3.8	0.0
19/09/2023 1:10	2.2	257	41	4.0	0.0
19/09/2023 1:20	1.6	274	63	3.5	0.0
19/09/2023 1:30	1.4	280	42	2.9	0.0
19/09/2023 1:40	1.8	265	33	3.4	0.0
19/09/2023 1:50	1.6	253	51	2.8	0.0
19/09/2023 2:00	1.6	275	36	3.1	0.0
19/09/2023 2:10	1.5	273	51	3.2	0.0
19/09/2023 2:20	1.1	245	74	2.4	0.0
19/09/2023 2:30	1.1	113	75	2.1	0.0
19/09/2023 2:40	1.0	226	69	2.4	0.0
19/09/2023 2:50	1.3	247	76	2.5	0.0
19/09/2023 3:00	1.2	278	83	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 3:10	0.8	166	87	1.9	0.0
19/09/2023 3:20	1.1	284	63	2.4	0.0
19/09/2023 3:30	1.2	235	60	2.8	0.0
19/09/2023 3:40	1.3	217	57	2.3	0.0
19/09/2023 3:50	1.6	214	46	2.9	0.0
19/09/2023 4:00	2.0	219	32	3.6	0.0
19/09/2023 4:10	1.7	202	28	2.7	0.0
19/09/2023 4:20	2.0	222	29	4.0	0.0
19/09/2023 4:30	2.0	242	24	3.2	0.0
19/09/2023 4:40	1.6	259	31	3.3	0.0
19/09/2023 4:50	2.4	256	21	3.6	0.0
19/09/2023 5:00	1.8	246	35	3.1	0.0
19/09/2023 5:10	2.4	256	21	3.8	0.0
19/09/2023 5:20	2.3	259	19	3.6	0.0
19/09/2023 5:30	2.3	255	19	3.6	0.0
19/09/2023 5:40	2.5	240	20	3.9	0.0
19/09/2023 5:50	2.1	240	27	3.7	0.0
19/09/2023 6:00	2.7	203	16	4.6	0.0
19/09/2023 6:10	3.2	190	14	4.7	0.0
19/09/2023 6:20	2.3	191	12	3.3	0.0
19/09/2023 6:30	2.7	201	10	3.6	0.0
19/09/2023 6:40	2.3	198	13	2.9	0.0
19/09/2023 6:50	2.0	195	12	2.7	0.0
19/09/2023 7:00	2.1	206	10	2.6	0.0
19/09/2023 7:10	1.8	198	16	2.4	0.0
19/09/2023 7:20	0.8	104	45	1.4	0.0
19/09/2023 7:30	0.7	47	16	1.3	0.0
19/09/2023 7:40	0.5	180	20	1.2	0.0
19/09/2023 7:50	0.7	113	32	1.3	0.0
19/09/2023 8:00	1.0	177	60	2.0	0.0
19/09/2023 8:10	1.9	191	18	2.7	0.0
19/09/2023 8:20	2.0	196	17	2.9	0.0
19/09/2023 8:30	2.0	205	18	3.0	0.0
19/09/2023 8:40	1.6	193	21	2.4	0.0
19/09/2023 8:50	1.6	168	27	2.4	0.0
19/09/2023 9:00	1.3	132	62	2.2	0.0
19/09/2023 9:10	1.5	175	39	2.7	0.0
19/09/2023 9:20	1.5	148	30	2.9	0.0
19/09/2023 9:30	1.6	126	31	2.6	0.0
19/09/2023 9:40	1.7	78	43	3.0	0.0
19/09/2023 9:50	1.9	67	20	3.0	0.0
19/09/2023 10:00	2.0	46	13	2.6	0.0
19/09/2023 10:10	2.0	50	20	2.6	0.0
19/09/2023 10:20	2.0	52	18	2.8	0.0
19/09/2023 10:30	1.9	62	19	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 10:40	2.0	61	16	2.8	0.0
19/09/2023 10:50	2.0	53	19	2.7	0.0
19/09/2023 11:00	2.2	58	17	3.1	0.0
19/09/2023 11:10	2.1	60	22	2.8	0.0
19/09/2023 11:20	2.1	51	18	3.0	0.0
19/09/2023 11:30	2.2	55	20	3.3	0.0
19/09/2023 11:40	2.9	50	16	4.0	0.0
19/09/2023 11:50	2.7	55	15	3.7	0.0
19/09/2023 12:00	3.1	53	16	4.0	0.0
19/09/2023 12:10	3.4	45	17	4.5	0.0
19/09/2023 12:20	3.5	48	16	4.5	0.0
19/09/2023 12:30	3.2	47	14	4.4	0.0
19/09/2023 12:40	3.2	53	13	4.4	0.0
19/09/2023 12:50	2.8	51	17	3.9	0.0
19/09/2023 13:00	3.5	50	16	5.2	0.0
19/09/2023 13:10	4.0	43	13	5.8	0.0
19/09/2023 13:20	4.2	47	13	5.5	0.0
19/09/2023 13:30	4.1	50	13	5.6	0.0
19/09/2023 13:40	4.1	41	13	5.8	0.0
19/09/2023 13:50	4.8	47	12	6.5	0.0
19/09/2023 14:00	4.7	48	13	6.8	0.0
19/09/2023 14:10	5.2	45	11	6.7	0.0
19/09/2023 14:20	4.5	44	13	6.0	0.0
19/09/2023 14:30	3.9	40	16	6.0	0.0
19/09/2023 14:40	3.9	19	20	5.3	0.0
19/09/2023 14:50	4.9	348	12	6.7	0.0
19/09/2023 15:00	5.5	340	12	7.0	0.0
19/09/2023 15:10	4.8	341	17	6.6	0.0
19/09/2023 15:20	4.6	345	15	6.2	0.0
19/09/2023 15:30	4.6	346	16	6.4	0.0
19/09/2023 15:40	4.7	349	17	6.6	0.0
19/09/2023 15:50	4.9	346	14	6.8	0.0
19/09/2023 16:00	4.8	344	14	6.9	0.0
19/09/2023 16:10	5.4	343	15	7.1	0.0
19/09/2023 16:20	5.2	342	10	6.8	0.0
19/09/2023 16:30	5.3	336	11	6.8	0.0
19/09/2023 16:40	5.3	336	13	7.2	0.0
19/09/2023 16:50	4.6	336	12	6.8	0.0
19/09/2023 17:00	5.4	344	12	7.1	0.0
19/09/2023 17:10	4.8	344	15	7.3	0.0
19/09/2023 17:20	4.2	329	14	6.4	0.0
19/09/2023 17:30	3.9	329	16	6.1	0.0
19/09/2023 17:40	3.7	318	20	5.5	0.0
19/09/2023 17:50	3.2	303	20	5.7	0.0
19/09/2023 18:00	3.3	303	23	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/09/2023 18:10	3.3	285	19	5.8	0.0
19/09/2023 18:20	3.3	271	21	5.0	0.0
19/09/2023 18:30	3.2	267	21	4.8	0.0
19/09/2023 18:40	3.2	262	21	5.4	0.0
19/09/2023 18:50	3.1	265	27	5.0	0.0
19/09/2023 19:00	2.8	268	18	4.4	0.0
19/09/2023 19:10	2.6	272	22	3.8	0.0
19/09/2023 19:20	2.5	267	21	3.7	0.0
19/09/2023 19:30	2.4	267	24	3.6	0.0
19/09/2023 19:40	2.5	282	22	4.2	0.0
19/09/2023 19:50	2.4	281	19	3.7	0.0
19/09/2023 20:00	2.2	268	24	3.4	0.0
19/09/2023 20:10	2.0	277	23	3.2	0.0
19/09/2023 20:20	2.5	257	24	4.0	0.0
19/09/2023 20:30	1.8	275	26	3.6	0.0
19/09/2023 20:40	2.4	259	21	3.6	0.0
19/09/2023 20:50	2.4	253	27	3.6	0.0
19/09/2023 21:00	2.3	261	20	3.7	0.0
19/09/2023 21:10	2.0	246	34	3.2	0.0
19/09/2023 21:20	2.1	253	25	3.5	0.0
19/09/2023 21:30	2.2	260	21	3.5	0.0
19/09/2023 21:40	1.9	279	19	3.1	0.0
19/09/2023 21:50	2.2	281	17	3.2	0.0
19/09/2023 22:00	1.9	285	22	2.8	0.0
19/09/2023 22:10	1.7	269	29	2.8	0.0
19/09/2023 22:20	1.7	265	32	2.8	0.0
19/09/2023 22:30	2.0	272	27	3.0	0.0
19/09/2023 22:40	2.2	275	22	3.6	0.0
19/09/2023 22:50	2.4	280	19	3.6	0.0
19/09/2023 23:00	2.1	296	21	3.4	0.0
19/09/2023 23:10	2.4	304	13	3.3	0.0
19/09/2023 23:20	1.8	311	13	3.0	0.0
19/09/2023 23:30	2.0	299	14	3.0	0.0
19/09/2023 23:40	1.7	292	22	2.8	0.0
19/09/2023 23:50	2.3	303	15	3.2	0.0
20/09/2023 0:00	1.6	307	20	2.7	0.0
20/09/2023 0:10	1.6	301	16	2.4	0.0
20/09/2023 0:20	1.5	319	15	2.3	0.0
20/09/2023 0:30	1.0	322	26	1.6	0.0
20/09/2023 0:40	0.9	300	21	1.7	0.0
20/09/2023 0:50	0.9	298	31	2.1	0.0
20/09/2023 1:00	1.2	294	18	1.8	0.0
20/09/2023 1:10	1.4	283	19	2.4	0.0
20/09/2023 1:20	1.6	302	19	2.3	0.0
20/09/2023 1:30	1.5	299	18	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 1:40	1.6	274	20	2.4	0.0
20/09/2023 1:50	1.1	295	25	2.0	0.0
20/09/2023 2:00	1.0	258	27	2.0	0.0
20/09/2023 2:10	1.0	268	16	2.0	0.0
20/09/2023 2:20	0.7	273	22	1.7	0.0
20/09/2023 2:30	1.2	256	23	2.1	0.0
20/09/2023 2:40	0.8	249	30	1.6	0.0
20/09/2023 2:50	0.3	302	17	1.2	0.0
20/09/2023 3:00					0.0
20/09/2023 3:10					0.0
20/09/2023 3:20					0.0
20/09/2023 3:30					0.0
20/09/2023 3:40					0.0
20/09/2023 3:50					0.0
20/09/2023 4:00					0.0
20/09/2023 4:10					0.0
20/09/2023 4:20					0.0
20/09/2023 4:30					0.0
20/09/2023 4:40					0.0
20/09/2023 4:50					0.0
20/09/2023 5:00					0.0
20/09/2023 5:10					0.0
20/09/2023 5:20					0.0
20/09/2023 5:30					0.0
20/09/2023 5:40					0.0
20/09/2023 5:50					0.0
20/09/2023 6:00					0.0
20/09/2023 6:10	0.3	92	7	2.2	0.0
20/09/2023 6:20	1.4	76	15	2.2	0.0
20/09/2023 6:30	1.5	104	19	2.8	0.0
20/09/2023 6:40	2.4	117	14	3.6	0.0
20/09/2023 6:50	1.8	101	15	3.0	0.0
20/09/2023 7:00	1.6	65	13	2.4	0.0
20/09/2023 7:10	1.6	64	13	2.5	0.0
20/09/2023 7:20	1.8	65	15	2.7	0.0
20/09/2023 7:30	2.6	60	12	3.4	0.0
20/09/2023 7:40	2.6	60	13	3.7	0.0
20/09/2023 7:50	3.1	59	13	3.9	0.0
20/09/2023 8:00	3.1	59	13	4.6	0.0
20/09/2023 8:10	3.5	56	10	4.6	0.0
20/09/2023 8:20	3.4	56	13	4.6	0.0
20/09/2023 8:30	3.3	55	13	4.2	0.0
20/09/2023 8:40	3.5	62	12	4.6	0.0
20/09/2023 8:50	3.7	59	10	5.0	0.0
20/09/2023 9:00	3.4	58	12	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 9:10	3.7	52	13	5.0	0.0
20/09/2023 9:20	3.4	48	14	4.9	0.0
20/09/2023 9:30	3.8	49	15	5.2	0.0
20/09/2023 9:40	3.6	49	13	4.6	0.0
20/09/2023 9:50	3.6	52	14	5.0	0.0
20/09/2023 10:00	3.6	50	15	5.0	0.0
20/09/2023 10:10	3.6	47	14	4.9	0.0
20/09/2023 10:20	3.6	55	15	4.8	0.0
20/09/2023 10:30	3.5	52	13	4.8	0.0
20/09/2023 10:40	2.6	71	22	3.7	0.0
20/09/2023 10:50	3.2	56	16	4.8	0.0
20/09/2023 11:00	3.4	61	15	4.8	0.0
20/09/2023 11:10	3.6	55	10	4.5	0.0
20/09/2023 11:20	3.2	59	14	4.2	0.0
20/09/2023 11:30	3.3	56	14	4.4	0.0
20/09/2023 11:40	3.4	57	11	4.1	0.0
20/09/2023 11:50	3.5	57	12	4.5	0.0
20/09/2023 12:00	3.4	59	13	4.4	0.0
20/09/2023 12:10	3.5	53	16	4.5	0.0
20/09/2023 12:20	3.7	61	12	4.8	0.0
20/09/2023 12:30	3.9	52	14	5.3	0.0
20/09/2023 12:40	3.8	55	14	5.3	0.0
20/09/2023 12:50	3.9	48	13	5.3	0.0
20/09/2023 13:00	3.9	47	14	5.3	0.0
20/09/2023 13:10	3.6	51	14	5.1	0.0
20/09/2023 13:20	3.6	53	13	5.0	0.0
20/09/2023 13:30	4.1	50	15	5.8	0.0
20/09/2023 13:40	4.1	56	14	5.7	0.0
20/09/2023 13:50	3.9	46	14	5.2	0.0
20/09/2023 14:00	4.3	40	16	6.8	0.0
20/09/2023 14:10	4.3	27	15	6.0	0.0
20/09/2023 14:20	4.3	42	17	6.1	0.0
20/09/2023 14:30	4.4	28	18	6.5	0.0
20/09/2023 14:40	4.1	28	16	6.0	0.0
20/09/2023 14:50	4.0	22	17	6.4	0.0
20/09/2023 15:00	5.0	176	15	7.5	0.0
20/09/2023 15:10	5.5	344	14	7.3	0.0
20/09/2023 15:20	5.4	346	12	7.3	0.0
20/09/2023 15:30	4.9	346	16	7.0	0.0
20/09/2023 15:40	4.9	348	13	6.4	0.0
20/09/2023 15:50	4.8	342	13	6.7	0.0
20/09/2023 16:00	4.3	348	13	5.8	0.0
20/09/2023 16:10	4.5	334	9	6.1	0.0
20/09/2023 16:20	4.1	335	15	5.6	0.0
20/09/2023 16:30	3.7	337	13	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/09/2023 16:40	3.6	333	13	5.0	0.0
20/09/2023 16:50	3.7	333	15	5.2	0.0
20/09/2023 17:00	2.9	332	20	4.4	0.0
20/09/2023 17:10	2.2	297	29	3.6	0.0
20/09/2023 17:20	2.8	269	22	4.2	0.0
20/09/2023 17:30	2.6	279	25	4.6	0.0
20/09/2023 17:40	2.3	282	25	3.5	0.0
20/09/2023 17:50	2.4	269	18	3.6	0.0
20/09/2023 18:00	2.3	273	24	3.6	0.0
20/09/2023 18:10	2.3	302	18	3.6	0.0
20/09/2023 18:20	2.4	318	22	4.3	0.0
20/09/2023 18:30	2.5	313	21	4.0	0.0
20/09/2023 18:40	2.7	301	15	4.0	0.0
20/09/2023 18:50	2.3	271	19	3.4	0.0
20/09/2023 19:00	1.7	272	23	2.6	0.0
20/09/2023 19:10	2.2	307	34	3.7	0.0
20/09/2023 19:20	2.9	332	14	4.5	0.0
20/09/2023 19:30	2.7	333	16	4.1	0.0
20/09/2023 19:40	1.8	324	23	3.4	0.0
20/09/2023 19:50	2.7	298	19	4.4	0.0
20/09/2023 20:00	2.2	316	24	4.0	0.0
20/09/2023 20:10	2.7	321	15	4.0	0.0
20/09/2023 20:20	2.5	323	17	3.8	0.0
20/09/2023 20:30	2.0	341	23	3.1	0.0
20/09/2023 20:40	1.9	317	22	3.6	0.0
20/09/2023 20:50	1.3	331	24	2.8	0.0
20/09/2023 21:00	2.3	299	29	4.1	0.0
20/09/2023 21:10	1.9	325	26	3.9	0.0
20/09/2023 21:20	2.3	322	21	4.0	0.0
20/09/2023 21:30	2.9	310	25	5.3	0.0
20/09/2023 21:40	2.8	309	24	4.3	0.0
20/09/2023 21:50	3.7	301	18	5.7	0.0
20/09/2023 22:00	3.2	307	26	5.0	0.0
20/09/2023 22:10	3.3	307	21	5.2	0.0
20/09/2023 22:20	3.3	301	20	5.6	0.0
20/09/2023 22:30	3.6	301	19	5.4	0.0
20/09/2023 22:40	3.2	306	22	5.6	0.0
20/09/2023 22:50	2.9	308	24	4.8	0.0
20/09/2023 23:00	3.8	306	20	5.7	0.0
20/09/2023 23:10	3.4	314	22	5.3	0.0
20/09/2023 23:20	3.4	314	18	5.1	0.0
20/09/2023 23:30	3.5	307	18	5.9	0.0
20/09/2023 23:40	3.5	305	18	5.2	0.0
20/09/2023 23:50	3.1	304	18	4.7	0.0
21/09/2023 0:00	3.0	298	18	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 0:10	2.5	278	30	4.0	0.0
21/09/2023 0:20	2.5	268	26	4.6	0.0
21/09/2023 0:30	2.6	264	22	4.1	0.0
21/09/2023 0:40	2.3	242	32	4.4	0.0
21/09/2023 0:50	2.1	250	38	4.0	0.0
21/09/2023 1:00	2.1	251	37	4.3	0.0
21/09/2023 1:10	2.5	247	27	4.0	0.0
21/09/2023 1:20	2.1	249	43	3.6	0.0
21/09/2023 1:30	2.1	255	35	3.6	0.0
21/09/2023 1:40	1.4	241	47	2.8	0.0
21/09/2023 1:50	1.0	208	57	2.8	0.0
21/09/2023 2:00	0.7	245	49	2.1	0.0
21/09/2023 2:10	0.8	182	53	1.8	0.0
21/09/2023 2:20	1.2	183	13	2.3	0.0
21/09/2023 2:30	0.8	186	43	1.7	0.0
21/09/2023 2:40	0.9	228	43	1.9	0.0
21/09/2023 2:50	1.1	197	38	2.3	0.0
21/09/2023 3:00	1.4	181	17	2.7	0.0
21/09/2023 3:10	2.2	197	15	3.2	0.0
21/09/2023 3:20	2.7	198	13	3.7	0.0
21/09/2023 3:30	2.9	198	13	4.1	0.0
21/09/2023 3:40	2.9	203	13	4.1	0.0
21/09/2023 3:50	2.9	204	11	4.2	0.0
21/09/2023 4:00	2.7	193	15	4.4	0.0
21/09/2023 4:10	2.7	196	12	4.0	0.0
21/09/2023 4:20	3.1	195	14	4.4	0.0
21/09/2023 4:30	2.9	195	16	5.2	0.0
21/09/2023 4:40	3.3	189	14	4.6	0.0
21/09/2023 4:50	3.7	193	11	5.3	0.0
21/09/2023 5:00	3.5	187	14	4.8	0.0
21/09/2023 5:10	3.1	186	16	4.4	0.0
21/09/2023 5:20	3.1	192	13	4.6	0.0
21/09/2023 5:30	3.3	194	13	4.8	0.0
21/09/2023 5:40	3.5	189	13	4.9	0.0
21/09/2023 5:50	4.1	184	11	5.4	0.0
21/09/2023 6:00	3.3	187	14	4.8	0.0
21/09/2023 6:10	2.9	188	13	4.0	0.0
21/09/2023 6:20	3.3	191	12	4.8	0.0
21/09/2023 6:30	2.5	187	16	3.6	0.0
21/09/2023 6:40	2.9	193	14	4.3	0.0
21/09/2023 6:50	2.9	192	12	4.0	0.0
21/09/2023 7:00	2.4	198	14	3.7	0.0
21/09/2023 7:10	2.6	195	13	3.6	0.0
21/09/2023 7:20	2.4	200	15	3.8	0.0
21/09/2023 7:30	2.6	189	26	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 7:40	2.1	172	19	3.5	0.0
21/09/2023 7:50	2.2	181	22	3.8	0.0
21/09/2023 8:00	2.4	171	24	3.7	0.0
21/09/2023 8:10	2.2	148	27	3.8	0.0
21/09/2023 8:20	2.1	153	21	3.2	0.0
21/09/2023 8:30	1.9	161	26	3.2	0.0
21/09/2023 8:40	1.7	158	30	3.2	0.0
21/09/2023 8:50	2.0	161	24	3.0	0.0
21/09/2023 9:00	2.5	165	25	3.7	0.0
21/09/2023 9:10	1.2	179	37	2.8	0.0
21/09/2023 9:20	1.6	180	45	2.8	0.0
21/09/2023 9:30	1.7	191	47	3.5	0.0
21/09/2023 9:40	2.0	197	31	3.5	0.0
21/09/2023 9:50	2.1	159	45	3.4	0.0
21/09/2023 10:00	2.0	25	53	3.0	0.0
21/09/2023 10:10	2.3	42	22	3.5	0.0
21/09/2023 10:20	2.1	38	40	3.3	0.0
21/09/2023 10:30	2.1	54	33	3.1	0.0
21/09/2023 10:40	1.8	11	62	4.9	0.0
21/09/2023 10:50	2.5	296	28	4.4	0.0
21/09/2023 11:00	2.7	285	29	4.4	0.0
21/09/2023 11:10	3.3	285	28	4.9	0.0
21/09/2023 11:20	3.5	288	24	5.3	0.0
21/09/2023 11:30	3.4	284	26	5.5	0.0
21/09/2023 11:40	3.0	282	26	5.5	0.0
21/09/2023 11:50	3.2	285	26	5.1	0.0
21/09/2023 12:00	3.2	274	22	4.9	0.0
21/09/2023 12:10	3.4	282	20	5.6	0.0
21/09/2023 12:20	3.4	285	28	5.6	0.0
21/09/2023 12:30	3.4	283	28	5.4	0.0
21/09/2023 12:40	3.3	276	25	5.3	0.0
21/09/2023 12:50	3.4	287	28	5.6	0.0
21/09/2023 13:00	3.6	284	25	5.6	0.0
21/09/2023 13:10	3.6	283	28	6.0	0.0
21/09/2023 13:20	3.9	295	20	5.9	0.0
21/09/2023 13:30	3.9	288	25	5.8	0.0
21/09/2023 13:40	3.3	279	31	5.7	0.0
21/09/2023 13:50	3.7	282	25	5.6	0.0
21/09/2023 14:00	3.2	277	23	5.0	0.0
21/09/2023 14:10	3.7	271	24	5.7	0.0
21/09/2023 14:20	3.5	281	24	5.5	0.0
21/09/2023 14:30	3.7	270	24	5.5	0.0
21/09/2023 14:40	3.9	269	20	6.5	0.0
21/09/2023 14:50	3.5	276	22	5.9	0.0
21/09/2023 15:00	3.3	279	24	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 15:10	3.6	279	20	5.6	0.0
21/09/2023 15:20	4.1	281	19	6.0	0.0
21/09/2023 15:30	3.8	279	22	5.4	0.0
21/09/2023 15:40	3.7	278	22	6.4	0.0
21/09/2023 15:50	3.9	277	21	5.8	0.0
21/09/2023 16:00	3.8	274	23	5.7	0.0
21/09/2023 16:10	3.6	274	20	6.1	0.0
21/09/2023 16:20	3.8	277	21	5.8	0.0
21/09/2023 16:30	3.5	269	20	5.4	0.0
21/09/2023 16:40	3.1	269	21	4.4	0.0
21/09/2023 16:50	2.9	278	23	4.5	0.0
21/09/2023 17:00	2.7	282	23	4.7	0.0
21/09/2023 17:10	2.8	284	21	4.2	0.0
21/09/2023 17:20	2.5	273	26	4.0	0.0
21/09/2023 17:30	2.8	276	18	4.5	0.0
21/09/2023 17:40	2.4	283	24	4.0	0.0
21/09/2023 17:50	3.0	278	20	4.4	0.0
21/09/2023 18:00	2.1	259	51	4.0	0.0
21/09/2023 18:10	2.5	278	22	4.4	0.0
21/09/2023 18:20	2.5	268	26	4.4	0.0
21/09/2023 18:30	1.9	263	37	3.3	0.0
21/09/2023 18:40	1.7	267	50	3.5	0.0
21/09/2023 18:50	1.7	276	32	3.2	0.0
21/09/2023 19:00	2.4	282	19	3.7	0.0
21/09/2023 19:10	2.7	278	16	3.8	0.0
21/09/2023 19:20	2.1	282	22	3.2	0.0
21/09/2023 19:30	1.4	282	28	2.4	0.0
21/09/2023 19:40	1.5	286	26	2.6	0.0
21/09/2023 19:50	2.0	282	24	3.2	0.0
21/09/2023 20:00	1.5	291	28	2.4	0.0
21/09/2023 20:10	1.6	294	22	2.4	0.0
21/09/2023 20:20	2.1	286	16	2.8	0.0
21/09/2023 20:30	2.1	282	16	3.1	0.0
21/09/2023 20:40	2.2	283	16	2.8	0.0
21/09/2023 20:50	2.1	283	16	3.2	0.0
21/09/2023 21:00	1.9	283	17	2.6	0.0
21/09/2023 21:10	1.4	291	26	2.1	0.0
21/09/2023 21:20	1.8	298	17	2.4	0.0
21/09/2023 21:30	1.7	301	18	2.4	0.0
21/09/2023 21:40	2.0	296	17	2.8	0.0
21/09/2023 21:50	1.7	296	15	2.4	0.0
21/09/2023 22:00	1.9	290	14	2.5	0.0
21/09/2023 22:10	1.6	291	17	2.4	0.0
21/09/2023 22:20	1.7	291	20	2.8	0.0
21/09/2023 22:30	2.4	277	17	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/09/2023 22:40	1.8	279	23	3.0	0.0
21/09/2023 22:50	1.4	284	30	2.6	0.0
21/09/2023 23:00	1.5	288	29	2.5	0.0
21/09/2023 23:10	1.3	287	23	2.1	0.0
21/09/2023 23:20	1.3	282	41	2.4	0.0
21/09/2023 23:30	1.5	279	42	2.8	0.0
21/09/2023 23:40	1.7	286	30	2.9	0.0
21/09/2023 23:50	1.6	287	18	2.8	0.0
22/09/2023 0:00	1.1	261	34	2.1	0.0
22/09/2023 0:10	1.1	307	44	2.3	0.0
22/09/2023 0:20	1.0	243	65	1.9	0.0
22/09/2023 0:30	1.2	245	45	2.4	0.0
22/09/2023 0:40	1.2	241	67	2.6	0.0
22/09/2023 0:50	1.1	270	41	2.6	0.0
22/09/2023 1:00	1.6	262	62	3.0	0.0
22/09/2023 1:10	1.6	265	38	3.9	0.0
22/09/2023 1:20	1.5	253	55	3.4	0.0
22/09/2023 1:30	1.3	275	67	3.3	0.0
22/09/2023 1:40	1.4	263	41	3.1	0.0
22/09/2023 1:50	1.0	226	65	2.4	0.0
22/09/2023 2:00	1.6	239	53	3.8	0.0
22/09/2023 2:10	1.5	215	61	3.4	0.0
22/09/2023 2:20	1.3	206	62	2.4	0.0
22/09/2023 2:30	1.7	244	62	4.4	0.0
22/09/2023 2:40	1.4	221	65	2.8	0.0
22/09/2023 2:50	0.9	189	81	2.6	0.0
22/09/2023 3:00	1.0	219	81	2.3	0.0
22/09/2023 3:10	1.7	272	44	3.3	0.0
22/09/2023 3:20	1.2	303	34	2.3	0.0
22/09/2023 3:30	1.1	156	50	2.0	0.0
22/09/2023 3:40	1.0	167	40	2.0	0.0
22/09/2023 3:50	1.1	171	16	1.6	0.0
22/09/2023 4:00	1.4	312	21	1.9	0.0
22/09/2023 4:10	1.5	317	13	2.0	0.0
22/09/2023 4:20	1.8	300	13	2.4	0.0
22/09/2023 4:30	1.5	298	18	2.4	0.0
22/09/2023 4:40	1.7	293	13	2.4	0.0
22/09/2023 4:50	1.7	298	19	2.4	0.0
22/09/2023 5:00	1.6	306	15	2.3	0.0
22/09/2023 5:10	1.6	308	11	2.3	0.0
22/09/2023 5:20	1.4	293	12	2.0	0.0
22/09/2023 5:30	1.8	258	17	2.8	0.0
22/09/2023 5:40	1.9	245	34	3.6	0.0
22/09/2023 5:50	1.2	255	56	2.3	0.0
22/09/2023 6:00	1.4	282	49	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 6:10	1.4	302	26	2.0	0.0
22/09/2023 6:20	1.4	260	28	2.4	0.0
22/09/2023 6:30	1.3	248	37	2.3	0.0
22/09/2023 6:40	2.1	207	24	3.6	0.0
22/09/2023 6:50	2.2	216	32	3.8	0.0
22/09/2023 7:00	1.3	241	46	3.2	0.0
22/09/2023 7:10	1.0	251	52	2.4	0.0
22/09/2023 7:20	1.4	235	40	2.4	0.0
22/09/2023 7:30	1.5	217	33	2.7	0.0
22/09/2023 7:40	1.6	201	22	2.8	0.0
22/09/2023 7:50	1.5	217	20	2.4	0.0
22/09/2023 8:00	0.5	227	14	1.5	0.0
22/09/2023 8:10	1.3	113	26	2.5	0.0
22/09/2023 8:20	1.2	125	29	2.1	0.0
22/09/2023 8:30	1.6	118	25	2.6	0.0
22/09/2023 8:40	1.9	150	24	2.8	0.0
22/09/2023 8:50	1.8	129	34	2.7	0.0
22/09/2023 9:00	1.2	103	46	2.4	0.0
22/09/2023 9:10	1.5	59	27	2.7	0.0
22/09/2023 9:20	2.1	42	18	2.8	0.0
22/09/2023 9:30	1.9	40	17	2.7	0.0
22/09/2023 9:40	2.0	41	19	2.8	0.0
22/09/2023 9:50	2.3	43	13	3.1	0.0
22/09/2023 10:00	2.5	60	12	3.2	0.0
22/09/2023 10:10	2.5	52	14	3.2	0.0
22/09/2023 10:20	2.7	57	13	3.6	0.0
22/09/2023 10:30	2.3	57	15	3.3	0.0
22/09/2023 10:40	2.4	60	19	3.0	0.0
22/09/2023 10:50	2.7	63	16	4.1	0.0
22/09/2023 11:00	2.6	62	15	3.7	0.0
22/09/2023 11:10	2.7	57	13	3.6	0.0
22/09/2023 11:20	3.1	57	13	4.0	0.0
22/09/2023 11:30	3.0	52	10	3.8	0.0
22/09/2023 11:40	2.4	49	14	3.5	0.0
22/09/2023 11:50	1.9	52	22	2.8	0.0
22/09/2023 12:00	2.2	45	30	3.2	0.0
22/09/2023 12:10	2.3	294	40	3.9	0.0
22/09/2023 12:20	2.7	281	29	4.8	0.0
22/09/2023 12:30	1.9	280	36	3.4	0.0
22/09/2023 12:40	2.3	242	35	3.8	0.0
22/09/2023 12:50	2.0	266	48	3.6	0.0
22/09/2023 13:00	2.7	278	23	4.4	0.0
22/09/2023 13:10	2.8	288	23	4.1	0.0
22/09/2023 13:20	2.8	293	24	4.8	0.0
22/09/2023 13:30	2.6	287	31	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 13:40	2.5	256	31	4.7	0.0
22/09/2023 13:50	2.9	287	24	4.3	0.0
22/09/2023 14:00	2.9	287	27	5.0	0.0
22/09/2023 14:10	3.1	279	26	4.8	0.0
22/09/2023 14:20	3.2	289	26	5.1	0.0
22/09/2023 14:30	3.5	286	24	5.4	0.0
22/09/2023 14:40	3.3	283	21	5.6	0.0
22/09/2023 14:50	3.6	284	25	5.0	0.0
22/09/2023 15:00	3.3	277	25	4.9	0.0
22/09/2023 15:10	3.7	271	18	5.2	0.0
22/09/2023 15:20	3.6	270	17	5.1	0.0
22/09/2023 15:30	3.4	270	21	4.9	0.0
22/09/2023 15:40	2.8	280	24	4.4	0.0
22/09/2023 15:50	3.4	287	21	5.0	0.0
22/09/2023 16:00	3.3	294	22	4.8	0.0
22/09/2023 16:10	3.0	284	22	5.1	0.0
22/09/2023 16:20	3.0	286	24	5.0	0.0
22/09/2023 16:30	2.8	282	22	4.5	0.0
22/09/2023 16:40	2.7	285	20	4.2	0.0
22/09/2023 16:50	2.4	284	19	3.5	0.0
22/09/2023 17:00	2.4	285	27	4.1	0.0
22/09/2023 17:10	2.4	289	22	3.6	0.0
22/09/2023 17:20	2.7	283	17	3.6	0.0
22/09/2023 17:30	3.0	280	16	4.6	0.0
22/09/2023 17:40	2.8	278	18	4.7	0.0
22/09/2023 17:50	2.3	279	28	4.1	0.0
22/09/2023 18:00	2.0	281	28	3.9	0.0
22/09/2023 18:10	1.6	255	39	3.0	0.0
22/09/2023 18:20	1.6	253	51	3.6	0.0
22/09/2023 18:30	1.7	280	26	2.8	0.0
22/09/2023 18:40	1.8	290	23	3.1	0.0
22/09/2023 18:50	1.5	270	39	2.7	0.0
22/09/2023 19:00	2.0	268	33	3.5	0.0
22/09/2023 19:10	1.7	248	42	3.2	0.0
22/09/2023 19:20	1.5	262	47	2.8	0.0
22/09/2023 19:30	1.6	270	40	3.1	0.0
22/09/2023 19:40	2.0	259	31	3.2	0.0
22/09/2023 19:50	1.4	256	43	2.5	0.0
22/09/2023 20:00	1.3	269	35	2.4	0.0
22/09/2023 20:10	1.6	260	35	2.5	0.0
22/09/2023 20:20	1.9	283	20	3.0	0.0
22/09/2023 20:30	1.3	271	36	2.4	0.0
22/09/2023 20:40	1.4	235	47	2.8	0.0
22/09/2023 20:50	1.3	248	44	2.7	0.0
22/09/2023 21:00	1.3	238	62	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/09/2023 21:10	1.7	274	36	2.8	0.0
22/09/2023 21:20	2.0	252	28	3.5	0.0
22/09/2023 21:30	1.7	266	47	3.6	0.0
22/09/2023 21:40	2.0	262	36	3.5	0.0
22/09/2023 21:50	1.4	226	41	2.8	0.0
22/09/2023 22:00	1.6	289	25	2.8	0.0
22/09/2023 22:10	1.4	224	47	2.7	0.0
22/09/2023 22:20	1.4	261	53	2.7	0.0
22/09/2023 22:30	1.2	267	50	2.2	0.0
22/09/2023 22:40	1.6	294	28	2.8	0.0
22/09/2023 22:50	1.8	279	33	3.1	0.0
22/09/2023 23:00	1.3	268	51	2.8	0.0
22/09/2023 23:10	1.9	261	41	3.6	0.0
22/09/2023 23:20	2.0	268	37	3.3	0.0
22/09/2023 23:30	1.7	282	47	3.1	0.0
22/09/2023 23:40	2.0	268	37	4.0	0.0
22/09/2023 23:50	2.0	264	40	3.7	0.0
23/09/2023 0:00	1.5	294	53	2.9	0.0
23/09/2023 0:10	2.2	235	50	4.5	0.0
23/09/2023 0:20	2.4	238	42	4.0	0.0
23/09/2023 0:30	2.1	230	45	4.1	0.0
23/09/2023 0:40	1.5	278	47	2.8	0.0
23/09/2023 0:50	1.4	296	27	2.4	0.0
23/09/2023 1:00	1.6	292	30	3.2	0.0
23/09/2023 1:10	1.6	299	25	2.5	0.0
23/09/2023 1:20	1.0	292	72	2.8	0.0
23/09/2023 1:30	1.9	223	43	3.9	0.0
23/09/2023 1:40	1.8	229	55	3.7	0.0
23/09/2023 1:50	2.0	223	60	4.1	0.0
23/09/2023 2:00	2.1	211	47	4.3	0.0
23/09/2023 2:10	2.0	213	47	4.3	0.0
23/09/2023 2:20	2.4	203	31	4.2	0.0
23/09/2023 2:30	2.4	214	35	4.4	0.0
23/09/2023 2:40	2.2	214	40	4.1	0.0
23/09/2023 2:50	2.2	214	32	3.7	0.0
23/09/2023 3:00	2.4	206	30	4.5	0.0
23/09/2023 3:10	3.0	205	25	4.6	0.0
23/09/2023 3:20	3.1	202	22	5.1	0.0
23/09/2023 3:30	3.4	203	16	4.8	0.0
23/09/2023 3:40	3.5	202	16	5.2	0.1
23/09/2023 3:50	3.1	203	20	4.4	0.0
23/09/2023 4:00	3.1	205	17	4.4	0.1
23/09/2023 4:10	3.3	203	18	5.2	0.0
23/09/2023 4:20	3.7	203	13	5.6	0.0
23/09/2023 4:30	3.1	203	15	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 4:40	3.6	204	12	5.2	0.0
23/09/2023 4:50	3.4	201	16	4.8	0.0
23/09/2023 5:00	3.1	208	17	4.6	0.0
23/09/2023 5:10	2.9	209	21	3.9	0.0
23/09/2023 5:20	2.5	208	24	4.5	0.0
23/09/2023 5:30	2.8	219	25	4.6	0.0
23/09/2023 5:40	3.3	206	18	5.5	0.0
23/09/2023 5:50	3.3	204	18	5.2	0.0
23/09/2023 6:00	3.8	208	17	5.1	0.0
23/09/2023 6:10	3.3	212	18	5.1	0.0
23/09/2023 6:20	3.5	206	15	4.8	0.0
23/09/2023 6:30	2.2	232	29	3.4	0.0
23/09/2023 6:40	2.6	211	21	4.0	0.0
23/09/2023 6:50	1.8	221	29	3.2	0.0
23/09/2023 7:00	2.5	213	25	3.8	0.0
23/09/2023 7:10	2.1	213	27	3.5	0.0
23/09/2023 7:20	1.5	236	28	2.6	0.0
23/09/2023 7:30	2.0	237	30	3.1	0.0
23/09/2023 7:40	2.2	234	29	3.5	0.0
23/09/2023 7:50	1.5	226	30	2.7	0.0
23/09/2023 8:00	2.1	210	22	3.3	0.0
23/09/2023 8:10	2.9	206	16	4.1	0.0
23/09/2023 8:20	3.4	197	15	5.1	0.0
23/09/2023 8:30	3.7	193	14	5.3	0.0
23/09/2023 8:40	3.7	193	13	5.2	0.0
23/09/2023 8:50	4.1	192	11	5.6	0.0
23/09/2023 9:00	4.0	195	11	5.8	0.0
23/09/2023 9:10	3.6	196	12	4.9	0.0
23/09/2023 9:20	3.2	199	13	4.6	0.0
23/09/2023 9:30	2.6	202	14	4.0	0.0
23/09/2023 9:40	3.2	204	13	4.3	0.0
23/09/2023 9:50	2.6	209	19	4.2	0.0
23/09/2023 10:00	2.7	198	18	4.3	0.0
23/09/2023 10:10	2.7	198	24	4.0	0.0
23/09/2023 10:20	2.5	205	16	3.9	0.0
23/09/2023 10:30	2.9	205	19	4.6	0.0
23/09/2023 10:40	2.7	208	23	4.2	0.0
23/09/2023 10:50	2.5	204	21	4.2	0.0
23/09/2023 11:00	3.1	195	22	4.6	0.0
23/09/2023 11:10	2.8	197	19	4.0	0.0
23/09/2023 11:20	2.9	206	23	6.0	0.0
23/09/2023 11:30	2.4	231	44	4.3	0.0
23/09/2023 11:40	3.1	290	24	4.9	0.0
23/09/2023 11:50	2.8	261	25	4.7	0.0
23/09/2023 12:00	3.7	278	19	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 12:10	3.5	270	22	6.2	0.0
23/09/2023 12:20	3.1	267	23	4.5	0.0
23/09/2023 12:30	3.6	272	23	5.2	0.0
23/09/2023 12:40	3.3	279	23	5.1	0.0
23/09/2023 12:50	3.2	268	24	5.0	0.0
23/09/2023 13:00	3.4	272	23	6.1	0.0
23/09/2023 13:10	3.3	273	25	5.1	0.0
23/09/2023 13:20	3.5	276	25	5.2	0.0
23/09/2023 13:30	3.2	290	28	5.0	0.0
23/09/2023 13:40	3.3	286	27	5.5	0.0
23/09/2023 13:50	3.2	280	28	5.2	0.0
23/09/2023 14:00	3.8	278	19	5.6	0.0
23/09/2023 14:10	3.1	283	22	4.8	0.0
23/09/2023 14:20	3.2	295	21	5.2	0.0
23/09/2023 14:30	3.2	293	25	5.2	0.0
23/09/2023 14:40	3.0	289	25	4.8	0.0
23/09/2023 14:50	3.4	299	22	5.0	0.0
23/09/2023 15:00	2.8	292	23	4.7	0.0
23/09/2023 15:10	3.5	298	26	5.3	0.0
23/09/2023 15:20	3.4	280	21	6.2	0.0
23/09/2023 15:30	3.2	295	27	4.8	0.0
23/09/2023 15:40	3.8	281	24	6.0	0.0
23/09/2023 15:50	3.4	282	17	5.5	0.0
23/09/2023 16:00	3.3	295	22	5.6	0.0
23/09/2023 16:10	3.2	284	23	5.2	0.0
23/09/2023 16:20	3.2	288	18	5.3	0.0
23/09/2023 16:30	3.4	282	20	5.3	0.0
23/09/2023 16:40	3.3	283	19	5.1	0.0
23/09/2023 16:50	3.5	274	21	5.6	0.0
23/09/2023 17:00	3.5	275	23	5.6	0.0
23/09/2023 17:10	4.2	277	19	6.4	0.0
23/09/2023 17:20	3.2	279	24	5.8	0.0
23/09/2023 17:30	3.3	277	22	6.0	0.0
23/09/2023 17:40	3.2	274	24	5.2	0.0
23/09/2023 17:50	3.4	280	18	5.3	0.0
23/09/2023 18:00	3.3	279	19	5.2	0.0
23/09/2023 18:10	3.4	278	20	5.1	0.0
23/09/2023 18:20	2.6	286	21	4.4	0.0
23/09/2023 18:30	2.7	288	25	4.3	0.0
23/09/2023 18:40	2.4	284	25	4.6	0.0
23/09/2023 18:50	2.3	275	30	3.8	0.0
23/09/2023 19:00	2.9	277	23	4.6	0.0
23/09/2023 19:10	2.5	279	27	4.0	0.0
23/09/2023 19:20	2.9	277	23	5.2	0.0
23/09/2023 19:30	2.4	266	31	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/09/2023 19:40	2.0	251	57	4.8	0.0
23/09/2023 19:50	1.8	263	56	3.9	0.0
23/09/2023 20:00	2.1	272	59	4.7	0.0
23/09/2023 20:10	2.0	258	44	4.8	0.0
23/09/2023 20:20	1.7	237	61	3.6	0.0
23/09/2023 20:30	1.4	228	81	4.0	0.0
23/09/2023 20:40	2.2	210	49	5.4	0.0
23/09/2023 20:50	2.2	220	41	4.3	0.0
23/09/2023 21:00	2.0	232	53	4.0	0.0
23/09/2023 21:10	2.6	212	33	4.6	0.0
23/09/2023 21:20	3.1	206	40	6.1	0.0
23/09/2023 21:30	3.0	212	38	4.8	0.0
23/09/2023 21:40	3.2	205	27	5.6	0.0
23/09/2023 21:50	3.9	201	27	6.1	0.0
23/09/2023 22:00	3.6	209	30	6.7	0.0
23/09/2023 22:10	3.6	203	27	6.0	0.0
23/09/2023 22:20	3.4	206	26	5.7	0.2
23/09/2023 22:30	3.0	199	22	4.8	0.1
23/09/2023 22:40	3.7	203	18	5.3	0.1
23/09/2023 22:50	3.9	201	18	5.8	0.0
23/09/2023 23:00	4.0	197	14	5.7	0.0
23/09/2023 23:10	3.6	200	13	5.0	0.0
23/09/2023 23:20	3.5	201	14	5.2	0.3
23/09/2023 23:30	3.5	194	14	5.4	0.1
23/09/2023 23:40	3.8	201	13	5.1	0.0
23/09/2023 23:50	3.6	199	15	5.3	0.0
24/09/2023 0:00	3.6	197	13	5.1	0.2
24/09/2023 0:10	3.7	201	12	5.4	0.5
24/09/2023 0:20	3.9	196	15	5.6	0.1
24/09/2023 0:30	5.1	192	14	7.4	0.0
24/09/2023 0:40	5.6	191	12	8.7	0.0
24/09/2023 0:50	4.9	195	14	7.2	0.0
24/09/2023 1:00	4.6	198	12	7.1	0.0
24/09/2023 1:10	4.3	197	15	7.1	0.0
24/09/2023 1:20	4.4	194	16	6.5	0.0
24/09/2023 1:30	5.0	191	14	6.8	0.0
24/09/2023 1:40	5.4	193	12	7.6	0.0
24/09/2023 1:50	5.0	191	13	7.1	0.0
24/09/2023 2:00	5.1	189	14	7.2	0.0
24/09/2023 2:10	5.2	191	12	7.2	0.0
24/09/2023 2:20	5.1	190	12	7.8	0.0
24/09/2023 2:30	5.0	190	12	7.3	0.0
24/09/2023 2:40	4.9	191	13	6.5	0.3
24/09/2023 2:50	4.2	191	11	6.1	0.4
24/09/2023 3:00	4.3	191	12	6.1	0.3



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 3:10	4.5	187	13	6.8	0.1
24/09/2023 3:20	4.6	191	12	6.3	0.1
24/09/2023 3:30	4.6	191	11	6.1	0.0
24/09/2023 3:40	4.6	193	11	6.4	0.0
24/09/2023 3:50	4.6	194	10	6.1	0.0
24/09/2023 4:00	4.4	191	13	6.4	0.0
24/09/2023 4:10	4.2	191	12	5.8	0.0
24/09/2023 4:20	4.2	189	11	5.6	0.0
24/09/2023 4:30	4.0	193	13	5.4	0.0
24/09/2023 4:40	3.8	194	13	5.7	0.0
24/09/2023 4:50	3.5	193	12	4.8	0.0
24/09/2023 5:00	3.1	194	14	4.2	0.0
24/09/2023 5:10	3.3	197	13	4.4	0.0
24/09/2023 5:20	3.7	199	10	4.7	0.0
24/09/2023 5:30	3.8	203	10	4.9	0.0
24/09/2023 5:40	3.7	200	9	4.8	0.0
24/09/2023 5:50	3.8	203	11	4.8	0.0
24/09/2023 6:00	3.8	199	9	5.2	0.0
24/09/2023 6:10	3.8	199	10	5.2	0.0
24/09/2023 6:20	4.1	200	8	5.2	0.0
24/09/2023 6:30	4.0	200	8	4.9	0.0
24/09/2023 6:40	3.7	198	9	4.7	0.0
24/09/2023 6:50	3.5	201	9	4.8	0.0
24/09/2023 7:00	3.5	201	8	4.5	0.0
24/09/2023 7:10	3.6	204	10	4.5	0.0
24/09/2023 7:20	2.8	199	11	4.0	0.0
24/09/2023 7:30	2.9	198	11	4.0	0.0
24/09/2023 7:40	2.7	194	16	3.7	0.0
24/09/2023 7:50	2.1	196	17	3.0	0.0
24/09/2023 8:00	2.2	182	20	3.4	0.0
24/09/2023 8:10	1.7	179	23	2.6	0.0
24/09/2023 8:20	1.5	161	30	2.8	0.0
24/09/2023 8:30	1.9	141	23	3.1	0.0
24/09/2023 8:40	1.5	149	34	2.7	0.0
24/09/2023 8:50	1.7	156	42	3.1	0.0
24/09/2023 9:00	2.3	143	26	3.8	0.0
24/09/2023 9:10	2.4	139	18	3.7	0.0
24/09/2023 9:20	1.9	158	30	2.8	0.0
24/09/2023 9:30	1.8	158	22	2.8	0.0
24/09/2023 9:40	1.8	152	31	3.0	0.0
24/09/2023 9:50	1.8	140	32	2.9	0.0
24/09/2023 10:00	1.8	89	20	2.8	0.0
24/09/2023 10:10	1.3	107	46	2.4	0.0
24/09/2023 10:20	1.2	76	66	2.4	0.0
24/09/2023 10:30	1.5	50	35	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 10:40	1.5	42	29	2.4	0.0
24/09/2023 10:50	2.0	51	12	2.9	0.0
24/09/2023 11:00	1.5	45	28	2.5	0.0
24/09/2023 11:10	1.9	45	15	2.6	0.0
24/09/2023 11:20	1.5	52	38	2.6	0.0
24/09/2023 11:30	2.3	251	41	4.3	0.0
24/09/2023 11:40	2.5	275	21	3.6	0.0
24/09/2023 11:50	2.3	156	42	4.7	0.0
24/09/2023 12:00	2.6	70	22	3.9	0.0
24/09/2023 12:10	2.9	53	16	4.2	0.0
24/09/2023 12:20	2.7	294	50	4.6	0.0
24/09/2023 12:30	2.6	265	32	4.1	0.0
24/09/2023 12:40	2.4	296	33	3.6	0.0
24/09/2023 12:50	3.1	318	24	4.5	0.0
24/09/2023 13:00	3.3	327	17	4.8	0.0
24/09/2023 13:10	3.2	303	21	5.2	0.0
24/09/2023 13:20	3.7	262	18	5.3	0.0
24/09/2023 13:30	3.6	261	17	5.1	0.0
24/09/2023 13:40	3.6	268	21	5.6	0.0
24/09/2023 13:50	3.4	283	21	5.2	0.0
24/09/2023 14:00	3.7	273	20	5.4	0.0
24/09/2023 14:10	4.2	273	18	6.4	0.0
24/09/2023 14:20	3.8	269	23	5.7	0.0
24/09/2023 14:30	3.8	287	22	6.1	0.0
24/09/2023 14:40	4.2	266	19	6.1	0.0
24/09/2023 14:50	4.1	274	22	6.4	0.0
24/09/2023 15:00	4.0	271	21	6.9	0.0
24/09/2023 15:10	4.5	274	21	6.8	0.0
24/09/2023 15:20	4.1	279	20	6.0	0.0
24/09/2023 15:30	4.2	275	22	6.5	0.0
24/09/2023 15:40	3.9	272	22	6.8	0.0
24/09/2023 15:50	3.9	275	23	6.5	0.0
24/09/2023 16:00	4.6	277	17	6.5	0.0
24/09/2023 16:10	4.1	282	18	6.5	0.0
24/09/2023 16:20	3.8	286	24	5.6	0.0
24/09/2023 16:30	3.7	286	21	5.6	0.0
24/09/2023 16:40	4.1	275	18	6.5	0.0
24/09/2023 16:50	2.9	277	24	5.4	0.0
24/09/2023 17:00	3.3	280	22	5.9	0.0
24/09/2023 17:10	3.5	270	22	5.6	0.0
24/09/2023 17:20	3.6	274	23	6.1	0.0
24/09/2023 17:30	3.0	276	29	4.8	0.0
24/09/2023 17:40	2.6	270	30	4.6	0.0
24/09/2023 17:50	3.3	264	25	5.3	0.0
24/09/2023 18:00	2.7	262	27	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/09/2023 18:10	2.2	236	46	4.2	0.0
24/09/2023 18:20	2.3	256	40	4.5	0.0
24/09/2023 18:30	3.3	258	26	5.2	0.0
24/09/2023 18:40	2.3	278	25	3.6	0.0
24/09/2023 18:50	2.5	269	30	4.8	0.0
24/09/2023 19:00	2.0	273	55	3.6	0.0
24/09/2023 19:10	2.5	266	36	4.6	0.0
24/09/2023 19:20	2.6	264	37	5.8	0.0
24/09/2023 19:30	2.9	253	36	5.0	0.0
24/09/2023 19:40	2.5	261	35	4.8	0.0
24/09/2023 19:50	2.5	253	31	5.1	0.0
24/09/2023 20:00	2.9	266	33	5.1	0.0
24/09/2023 20:10	2.0	272	36	3.6	0.0
24/09/2023 20:20	2.8	275	29	4.8	0.0
24/09/2023 20:30	2.7	266	34	5.0	0.0
24/09/2023 20:40	2.5	264	42	4.8	0.0
24/09/2023 20:50	2.9	259	38	5.7	0.0
24/09/2023 21:00	2.5	247	50	5.1	0.0
24/09/2023 21:10	2.8	250	41	5.2	0.0
24/09/2023 21:20	2.6	260	45	6.0	0.0
24/09/2023 21:30	2.8	246	47	6.6	0.0
24/09/2023 21:40	2.6	249	42	5.2	0.0
24/09/2023 21:50	2.1	258	55	4.3	0.0
24/09/2023 22:00	2.7	266	36	5.2	0.0
24/09/2023 22:10	2.3	262	43	4.8	0.0
24/09/2023 22:20	2.6	269	34	4.9	0.0
24/09/2023 22:30	2.4	257	41	5.0	0.0
24/09/2023 22:40	2.8	255	46	5.5	0.0
24/09/2023 22:50	2.8	255	44	5.1	0.0
24/09/2023 23:00	2.4	253	43	4.0	0.0
24/09/2023 23:10	2.3	255	52	6.0	0.0
24/09/2023 23:20	3.2	245	42	6.4	0.0
24/09/2023 23:30	2.6	231	53	4.7	0.0
24/09/2023 23:40	2.2	228	64	4.2	0.0
24/09/2023 23:50	2.6	250	43	5.4	0.0
25/09/2023 0:00	2.6	247	53	6.4	0.0
25/09/2023 0:10	2.6	224	53	5.5	0.0
25/09/2023 0:20	2.7	212	43	6.1	0.0
25/09/2023 0:30	2.6	219	65	5.7	0.0
25/09/2023 0:40	2.9	226	38	5.2	0.0
25/09/2023 0:50	2.6	254	47	5.6	0.0
25/09/2023 1:00	2.1	232	61	4.6	0.0
25/09/2023 1:10	2.8	253	45	5.1	0.0
25/09/2023 1:20	1.9	244	65	4.5	0.0
25/09/2023 1:30	2.0	265	64	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 1:40	1.8	223	61	3.6	0.0
25/09/2023 1:50	1.6	258	80	3.1	0.0
25/09/2023 2:00	1.6	207	79	4.0	0.0
25/09/2023 2:10	1.4	215	84	2.8	0.0
25/09/2023 2:20	1.7	202	58	3.3	0.0
25/09/2023 2:30	1.6	283	57	4.2	0.0
25/09/2023 2:40	1.2	226	79	2.5	0.0
25/09/2023 2:50	1.5	200	83	2.9	0.0
25/09/2023 3:00	1.9	258	66	4.6	0.0
25/09/2023 3:10	1.6	210	75	3.5	0.0
25/09/2023 3:20	1.9	211	58	4.4	0.0
25/09/2023 3:30	2.2	204	54	4.1	0.0
25/09/2023 3:40	2.2	223	43	4.0	0.0
25/09/2023 3:50	2.3	216	45	4.2	0.0
25/09/2023 4:00	2.5	205	41	4.7	0.0
25/09/2023 4:10	2.9	207	33	5.4	0.0
25/09/2023 4:20	3.2	219	30	5.2	0.0
25/09/2023 4:30	2.9	211	35	5.1	0.0
25/09/2023 4:40	2.8	207	37	5.4	0.0
25/09/2023 4:50	2.4	197	38	4.9	0.0
25/09/2023 5:00	2.8	206	35	5.5	0.0
25/09/2023 5:10	2.8	211	38	5.6	0.0
25/09/2023 5:20	2.6	204	33	4.5	0.0
25/09/2023 5:30	2.7	209	33	5.0	0.0
25/09/2023 5:40	3.0	210	31	5.3	0.0
25/09/2023 5:50	3.3	213	33	6.0	0.0
25/09/2023 6:00	2.9	215	39	5.7	0.0
25/09/2023 6:10	2.7	220	36	5.2	0.0
25/09/2023 6:20	2.2	225	48	4.6	0.0
25/09/2023 6:30	1.8	220	49	4.2	0.0
25/09/2023 6:40	1.6	202	62	3.6	0.0
25/09/2023 6:50	1.4	228	66	2.9	0.0
25/09/2023 7:00	1.9	197	43	3.2	0.0
25/09/2023 7:10	1.6	200	67	3.7	0.0
25/09/2023 7:20	1.9	189	54	4.9	0.0
25/09/2023 7:30	3.1	212	28	5.2	0.0
25/09/2023 7:40	3.0	207	30	5.1	0.0
25/09/2023 7:50	3.3	209	22	5.2	0.0
25/09/2023 8:00	3.0	208	30	5.0	0.0
25/09/2023 8:10	3.4	201	22	5.2	0.0
25/09/2023 8:20	3.6	204	22	5.7	0.0
25/09/2023 8:30	3.8	201	20	5.4	0.0
25/09/2023 8:40	3.4	208	29	5.4	0.0
25/09/2023 8:50	3.4	211	24	5.7	0.0
25/09/2023 9:00	3.6	205	26	6.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 9:10	4.2	210	23	6.4	0.0
25/09/2023 9:20	3.8	209	29	5.9	0.0
25/09/2023 9:30	3.7	218	34	6.5	0.0
25/09/2023 9:40	3.8	212	28	7.3	0.0
25/09/2023 9:50	3.5	216	32	6.1	0.0
25/09/2023 10:00	3.5	216	35	6.2	0.0
25/09/2023 10:10	3.7	203	27	6.4	0.0
25/09/2023 10:20	4.0	212	30	6.9	0.0
25/09/2023 10:30	3.8	217	29	6.1	0.0
25/09/2023 10:40	3.5	212	30	6.0	0.0
25/09/2023 10:50	3.0	213	39	5.3	0.0
25/09/2023 11:00	4.3	203	25	6.8	0.0
25/09/2023 11:10	3.3	219	33	5.8	0.0
25/09/2023 11:20	3.8	217	33	6.3	0.0
25/09/2023 11:30	3.9	205	24	6.8	0.0
25/09/2023 11:40	3.6	212	31	6.4	0.0
25/09/2023 11:50	3.9	203	28	6.5	0.0
25/09/2023 12:00	3.8	215	27	6.8	0.0
25/09/2023 12:10	3.0	235	32	5.5	0.0
25/09/2023 12:20	3.0	266	34	6.6	0.0
25/09/2023 12:30	3.8	275	24	6.1	0.0
25/09/2023 12:40	4.0	281	23	5.9	0.0
25/09/2023 12:50	4.2	283	21	6.8	0.0
25/09/2023 13:00	3.9	280	22	5.7	0.0
25/09/2023 13:10	4.0	281	17	6.0	0.0
25/09/2023 13:20	4.1	281	23	6.4	0.0
25/09/2023 13:30	3.8	281	23	5.9	0.0
25/09/2023 13:40	4.1	273	22	6.0	0.0
25/09/2023 13:50	3.9	287	25	6.1	0.0
25/09/2023 14:00	3.9	281	22	7.2	0.0
25/09/2023 14:10	4.1	281	22	6.6	0.0
25/09/2023 14:20	3.6	269	22	5.6	0.0
25/09/2023 14:30	3.4	276	28	6.1	0.0
25/09/2023 14:40	3.5	267	40	6.5	0.0
25/09/2023 14:50	3.6	274	27	5.9	0.0
25/09/2023 15:00	4.1	276	21	6.8	0.0
25/09/2023 15:10	4.2	272	23	6.7	0.0
25/09/2023 15:20	4.0	267	28	6.4	0.0
25/09/2023 15:30	3.8	270	31	6.0	0.0
25/09/2023 15:40	4.2	273	19	6.3	0.0
25/09/2023 15:50	4.3	270	22	6.5	0.0
25/09/2023 16:00	4.0	270	20	7.7	0.0
25/09/2023 16:10	3.8	272	26	6.4	0.0
25/09/2023 16:20	3.0	259	37	5.2	0.0
25/09/2023 16:30	3.1	254	36	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/09/2023 16:40	2.8	264	35	5.2	0.0
25/09/2023 16:50	3.0	260	50	6.1	0.0
25/09/2023 17:00	3.7	271	21	6.2	0.0
25/09/2023 17:10	3.5	281	25	6.1	0.0
25/09/2023 17:20	3.6	270	25	5.9	0.0
25/09/2023 17:30	3.6	269	25	6.5	0.0
25/09/2023 17:40	2.9	271	26	4.4	0.0
25/09/2023 17:50	3.0	271	30	5.0	0.0
25/09/2023 18:00	3.3	270	21	5.2	0.0
25/09/2023 18:10	3.2	273	26	5.3	0.0
25/09/2023 18:20	3.2	263	27	5.8	0.0
25/09/2023 18:30	2.3	279	35	4.8	0.0
25/09/2023 18:40	2.1	271	49	4.6	0.0
25/09/2023 18:50	2.4	274	33	4.3	0.0
25/09/2023 19:00	1.9	281	37	3.9	0.0
25/09/2023 19:10	2.0	269	34	4.4	0.0
25/09/2023 19:20	1.6	274	58	3.4	0.0
25/09/2023 19:30	1.8	274	42	3.0	0.0
25/09/2023 19:40	1.5	276	56	3.3	0.0
25/09/2023 19:50	1.6	264	44	3.2	0.0
25/09/2023 20:00	1.4	269	52	3.3	0.0
25/09/2023 20:10	1.8	267	37	3.0	0.0
25/09/2023 20:20	1.3	266	46	3.2	0.0
25/09/2023 20:30	2.1	264	34	3.7	0.0
25/09/2023 20:40	1.8	271	41	3.2	0.0
25/09/2023 20:50	1.8	275	51	3.4	0.0
25/09/2023 21:00	1.5	262	44	3.3	0.0
25/09/2023 21:10	1.6	265	46	3.2	0.0
25/09/2023 21:20	1.1	230	81	2.0	0.0
25/09/2023 21:30	1.7	245	59	3.6	0.0
25/09/2023 21:40	1.2	210	74	2.3	0.0
25/09/2023 21:50	1.1	229	73	2.9	0.0
25/09/2023 22:00	1.0	200	75	2.3	0.0
25/09/2023 22:10	1.1	202	74	2.7	0.0
25/09/2023 22:20	1.3	208	61	2.8	0.0
25/09/2023 22:30	1.3	215	47	2.4	0.0
25/09/2023 22:40	0.9	259	40	2.2	0.0
25/09/2023 22:50	1.2	298	31	1.9	0.0
25/09/2023 23:00	1.0	338	26	1.5	0.0
25/09/2023 23:10	1.8	307	13	2.4	0.0
25/09/2023 23:20	1.2	309	17	1.9	0.0
25/09/2023 23:30	1.5	320	12	2.0	0.0
25/09/2023 23:40	2.0	297	10	2.4	0.0
25/09/2023 23:50	1.6	285	13	2.4	0.0
26/09/2023 0:00	2.0	295	9	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 0:10	2.1	291	8	2.7	0.0
26/09/2023 0:20	1.5	288	14	2.0	0.0
26/09/2023 0:30	1.6	292	14	2.3	0.0
26/09/2023 0:40	1.6	279	19	2.4	0.0
26/09/2023 0:50	1.7	266	17	2.8	0.0
26/09/2023 1:00	1.6	250	33	3.3	0.0
26/09/2023 1:10	2.0	257	19	3.1	0.0
26/09/2023 1:20	1.9	257	20	2.9	0.0
26/09/2023 1:30	1.9	269	16	3.0	0.0
26/09/2023 1:40	2.1	273	16	3.3	0.0
26/09/2023 1:50	1.8	275	23	2.9	0.0
26/09/2023 2:00	1.4	253	39	3.1	0.0
26/09/2023 2:10	2.0	295	13	2.8	0.0
26/09/2023 2:20	1.7	298	16	2.4	0.0
26/09/2023 2:30	1.7	301	12	2.1	0.0
26/09/2023 2:40	1.8	301	12	2.7	0.0
26/09/2023 2:50	1.5	305	16	2.1	0.0
26/09/2023 3:00	1.7	303	11	2.3	0.0
26/09/2023 3:10	1.7	287	22	2.5	0.0
26/09/2023 3:20	1.5	284	19	2.4	0.0
26/09/2023 3:30	1.2	303	34	2.2	0.0
26/09/2023 3:40	1.4	296	28	2.2	0.0
26/09/2023 3:50	1.4	293	25	2.6	0.0
26/09/2023 4:00	1.4	303	26	2.5	0.0
26/09/2023 4:10	1.4	298	24	2.4	0.0
26/09/2023 4:20	1.4	311	23	2.3	0.0
26/09/2023 4:30	1.6	335	15	2.0	0.0
26/09/2023 4:40	1.9	321	13	2.5	0.0
26/09/2023 4:50	1.9	331	9	2.4	0.0
26/09/2023 5:00	1.5	293	16	2.1	0.0
26/09/2023 5:10	1.5	271	13	2.4	0.0
26/09/2023 5:20	1.3	197	28	2.0	0.0
26/09/2023 5:30	1.1	242	32	2.1	0.0
26/09/2023 5:40	1.2	289	36	2.0	0.0
26/09/2023 5:50	0.9	23	20	1.7	0.0
26/09/2023 6:00					0.0
26/09/2023 6:10	1.8	152	25	3.2	0.0
26/09/2023 6:20	2.0	180	19	3.2	0.0
26/09/2023 6:30	1.7	181	26	2.9	0.0
26/09/2023 6:40	0.4	99	42	1.4	0.0
26/09/2023 6:50	0.9	229	53	1.6	0.0
26/09/2023 7:00	1.0	125	31	1.8	0.0
26/09/2023 7:10	1.1	114	30	2.3	0.0
26/09/2023 7:20	0.3	75	12	1.0	0.0
26/09/2023 7:30	0.9	23	15	1.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 7:40	1.0	29	15	1.4	0.0
26/09/2023 7:50	1.1	42	19	1.8	0.0
26/09/2023 8:00	1.2	76	23	1.8	0.0
26/09/2023 8:10	1.6	87	24	2.5	0.0
26/09/2023 8:20	1.9	97	20	2.9	0.0
26/09/2023 8:30	1.6	129	35	2.8	0.0
26/09/2023 8:40	2.2	161	20	4.0	0.0
26/09/2023 8:50	1.9	172	22	3.2	0.0
26/09/2023 9:00	1.6	144	46	2.9	0.0
26/09/2023 9:10	1.4	81	27	2.3	0.0
26/09/2023 9:20	1.4	44	29	2.0	0.0
26/09/2023 9:30	1.5	114	28	2.4	0.0
26/09/2023 9:40	2.1	100	21	3.5	0.0
26/09/2023 9:50	1.8	98	23	2.8	0.0
26/09/2023 10:00	2.1	98	19	3.1	0.0
26/09/2023 10:10	2.1	90	23	3.4	0.0
26/09/2023 10:20	1.5	102	31	2.4	0.0
26/09/2023 10:30	1.5	82	35	3.0	0.0
26/09/2023 10:40	1.9	74	26	2.7	0.0
26/09/2023 10:50	1.4	71	38	2.3	0.0
26/09/2023 11:00	1.4	73	45	2.5	0.0
26/09/2023 11:10	1.9	58	19	2.8	0.0
26/09/2023 11:20	1.5	47	27	2.3	0.0
26/09/2023 11:30	1.7	32	29	2.3	0.0
26/09/2023 11:40	1.6	38	25	2.5	0.0
26/09/2023 11:50	1.2	37	35	2.4	0.0
26/09/2023 12:00	1.5	40	71	2.5	0.0
26/09/2023 12:10	1.9	291	57	3.6	0.0
26/09/2023 12:20	2.7	344	21	4.3	0.0
26/09/2023 12:30	2.1	313	27	3.6	0.0
26/09/2023 12:40	2.5	312	32	4.0	0.0
26/09/2023 12:50	3.4	320	14	4.9	0.0
26/09/2023 13:00	3.6	323	16	5.2	0.0
26/09/2023 13:10	3.2	300	21	4.8	0.0
26/09/2023 13:20	3.8	326	15	5.7	0.0
26/09/2023 13:30	3.9	322	23	5.8	0.0
26/09/2023 13:40	3.4	304	21	4.8	0.0
26/09/2023 13:50	3.0	292	22	4.9	0.0
26/09/2023 14:00	3.3	292	27	5.3	0.0
26/09/2023 14:10	3.4	298	24	5.2	0.0
26/09/2023 14:20	3.5	278	23	5.6	0.0
26/09/2023 14:30	3.4	282	26	5.3	0.0
26/09/2023 14:40	3.7	287	25	5.8	0.0
26/09/2023 14:50	3.7	276	20	5.6	0.0
26/09/2023 15:00	3.6	272	24	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 15:10	3.4	278	23	5.4	0.0
26/09/2023 15:20	3.5	287	23	5.6	0.0
26/09/2023 15:30	2.8	268	24	4.7	0.0
26/09/2023 15:40	3.1	268	26	4.8	0.0
26/09/2023 15:50	3.5	273	20	5.6	0.0
26/09/2023 16:00	3.8	278	21	5.7	0.0
26/09/2023 16:10	3.3	273	28	5.6	0.0
26/09/2023 16:20	3.2	271	30	5.2	0.0
26/09/2023 16:30	3.0	264	30	4.7	0.0
26/09/2023 16:40	3.0	260	33	5.5	0.0
26/09/2023 16:50	3.4	273	25	6.0	0.0
26/09/2023 17:00	3.8	267	23	6.0	0.0
26/09/2023 17:10	2.9	266	32	4.7	0.0
26/09/2023 17:20	3.1	266	37	5.1	0.0
26/09/2023 17:30	2.5	245	49	5.0	0.0
26/09/2023 17:40	3.0	242	44	6.4	0.0
26/09/2023 17:50	3.2	252	33	6.1	0.0
26/09/2023 18:00	2.7	262	46	5.2	0.0
26/09/2023 18:10	2.2	264	52	4.0	0.0
26/09/2023 18:20	2.6	261	36	5.4	0.0
26/09/2023 18:30	2.8	261	38	4.8	0.0
26/09/2023 18:40	2.1	256	65	4.6	0.0
26/09/2023 18:50	2.3	253	52	4.6	0.0
26/09/2023 19:00	2.1	258	45	4.3	0.0
26/09/2023 19:10	2.1	251	59	4.3	0.0
26/09/2023 19:20	2.2	216	68	4.7	0.0
26/09/2023 19:30	2.2	237	58	4.9	0.0
26/09/2023 19:40	2.3	246	54	4.3	0.0
26/09/2023 19:50	2.4	247	55	4.8	0.0
26/09/2023 20:00	2.6	258	42	4.8	0.0
26/09/2023 20:10	2.4	256	40	5.4	0.0
26/09/2023 20:20	1.9	226	52	3.6	0.0
26/09/2023 20:30	2.3	244	52	4.7	0.0
26/09/2023 20:40	2.2	263	46	3.7	0.0
26/09/2023 20:50	2.0	262	40	3.6	0.0
26/09/2023 21:00	1.6	248	57	3.2	0.0
26/09/2023 21:10	2.4	228	44	4.9	0.0
26/09/2023 21:20	2.4	221	50	4.8	0.0
26/09/2023 21:30	2.3	218	55	5.0	0.0
26/09/2023 21:40	2.6	215	48	5.7	0.0
26/09/2023 21:50	2.9	214	44	6.0	0.0
26/09/2023 22:00	1.9	221	63	4.0	0.0
26/09/2023 22:10	2.2	244	64	4.3	0.0
26/09/2023 22:20	2.0	245	59	4.9	0.0
26/09/2023 22:30	2.7	217	42	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/09/2023 22:40	3.0	208	46	6.7	0.0
26/09/2023 22:50	6.3	200	21	9.9	0.0
26/09/2023 23:00	6.9	197	15	9.2	0.0
26/09/2023 23:10	5.6	198	19	7.5	0.0
26/09/2023 23:20	5.8	200	17	9.3	0.0
26/09/2023 23:30	6.0	197	18	8.3	0.0
26/09/2023 23:40	6.0	196	14	8.1	0.0
26/09/2023 23:50	6.1	198	16	8.3	0.0
27/09/2023 0:00	5.6	197	19	7.9	0.0
27/09/2023 0:10	6.4	198	17	9.1	0.0
27/09/2023 0:20	6.8	201	13	9.1	0.0
27/09/2023 0:30	6.8	200	13	9.5	0.0
27/09/2023 0:40	6.7	202	11	8.9	0.0
27/09/2023 0:50	6.7	202	13	9.3	0.0
27/09/2023 1:00	6.1	202	11	8.4	0.0
27/09/2023 1:10	5.7	200	14	7.8	0.0
27/09/2023 1:20	4.8	194	13	6.9	0.0
27/09/2023 1:30	5.0	198	13	6.5	0.0
27/09/2023 1:40	4.7	198	16	6.8	0.0
27/09/2023 1:50	4.8	201	15	6.8	0.0
27/09/2023 2:00	4.9	204	13	6.8	0.0
27/09/2023 2:10	5.3	198	17	7.1	0.0
27/09/2023 2:20	5.2	202	16	7.7	0.0
27/09/2023 2:30	5.1	202	16	6.8	0.0
27/09/2023 2:40	4.8	204	14	6.8	0.0
27/09/2023 2:50	4.4	201	17	6.8	0.0
27/09/2023 3:00	4.1	201	17	6.0	0.0
27/09/2023 3:10	3.6	199	18	6.4	0.0
27/09/2023 3:20	3.3	204	28	6.5	0.0
27/09/2023 3:30	3.1	206	22	4.6	0.0
27/09/2023 3:40	2.3	207	34	4.2	0.0
27/09/2023 3:50	2.3	218	30	4.0	0.0
27/09/2023 4:00	2.0	228	35	3.6	0.0
27/09/2023 4:10	2.1	225	38	4.6	0.0
27/09/2023 4:20	2.5	220	30	4.5	0.0
27/09/2023 4:30	3.5	206	21	5.6	0.0
27/09/2023 4:40	3.6	206	27	5.7	0.0
27/09/2023 4:50	4.4	205	18	6.6	0.0
27/09/2023 5:00	4.4	204	18	6.1	0.0
27/09/2023 5:10	4.5	204	16	6.0	0.0
27/09/2023 5:20	3.9	206	17	5.8	0.0
27/09/2023 5:30	3.9	208	19	5.4	0.0
27/09/2023 5:40	4.3	204	16	5.9	0.0
27/09/2023 5:50	4.9	206	10	6.8	0.0
27/09/2023 6:00	5.4	204	10	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 6:10	5.5	202	7	6.8	0.0
27/09/2023 6:20	5.4	202	9	6.8	0.0
27/09/2023 6:30	5.4	199	9	7.2	0.0
27/09/2023 6:40	5.2	200	9	6.8	0.0
27/09/2023 6:50	5.4	200	9	7.1	0.0
27/09/2023 7:00	5.6	200	8	7.1	0.0
27/09/2023 7:10	5.8	199	10	7.2	0.0
27/09/2023 7:20	5.6	197	9	7.5	0.0
27/09/2023 7:30	4.8	193	11	6.4	0.0
27/09/2023 7:40	4.4	193	10	6.0	0.0
27/09/2023 7:50	4.0	185	13	5.6	0.0
27/09/2023 8:00	3.5	179	15	5.1	0.0
27/09/2023 8:10	3.4	182	14	5.1	0.0
27/09/2023 8:20	3.1	179	20	4.5	0.0
27/09/2023 8:30	2.7	166	16	3.9	0.0
27/09/2023 8:40	3.1	154	20	4.5	0.0
27/09/2023 8:50	2.9	146	20	4.4	0.0
27/09/2023 9:00	2.5	127	26	4.4	0.0
27/09/2023 9:10	2.7	124	21	4.1	0.0
27/09/2023 9:20	2.5	106	19	3.6	0.0
27/09/2023 9:30	2.9	83	13	4.3	0.0
27/09/2023 9:40	2.6	84	13	3.7	0.0
27/09/2023 9:50	2.5	70	18	3.6	0.0
27/09/2023 10:00	2.4	66	18	3.5	0.0
27/09/2023 10:10	2.7	52	13	3.8	0.0
27/09/2023 10:20	3.1	57	13	3.7	0.0
27/09/2023 10:30	2.8	64	14	3.6	0.0
27/09/2023 10:40	2.9	51	17	4.0	0.0
27/09/2023 10:50	3.1	54	15	4.3	0.0
27/09/2023 11:00	3.1	61	14	4.4	0.0
27/09/2023 11:10	2.8	71	20	4.0	0.0
27/09/2023 11:20	3.0	53	16	4.3	0.0
27/09/2023 11:30	3.4	58	11	4.4	0.0
27/09/2023 11:40	3.0	63	12	3.9	0.0
27/09/2023 11:50	2.4	64	18	3.9	0.0
27/09/2023 12:00	2.7	64	14	3.6	0.0
27/09/2023 12:10	3.4	68	12	4.4	0.0
27/09/2023 12:20	3.3	67	11	4.3	0.0
27/09/2023 12:30	3.3	66	12	4.6	0.0
27/09/2023 12:40	2.8	58	16	4.3	0.0
27/09/2023 12:50	2.6	66	13	3.7	0.0
27/09/2023 13:00	2.8	68	15	3.7	0.0
27/09/2023 13:10	2.6	62	16	3.6	0.0
27/09/2023 13:20	2.8	65	14	4.0	0.0
27/09/2023 13:30	2.8	64	17	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 13:40	2.8	62	16	4.0	0.0
27/09/2023 13:50	3.5	52	15	4.9	0.0
27/09/2023 14:00	3.4	50	14	5.1	0.0
27/09/2023 14:10	3.4	57	17	5.1	0.0
27/09/2023 14:20	3.1	59	15	4.4	0.0
27/09/2023 14:30	3.3	64	13	4.4	0.0
27/09/2023 14:40	3.3	60	14	4.7	0.0
27/09/2023 14:50	3.5	56	14	5.5	0.0
27/09/2023 15:00	2.9	58	14	3.9	0.0
27/09/2023 15:10	2.9	53	15	4.2	0.0
27/09/2023 15:20	3.2	50	11	4.4	0.0
27/09/2023 15:30	2.9	54	15	4.3	0.0
27/09/2023 15:40	3.2	49	16	4.7	0.0
27/09/2023 15:50	3.2	49	14	4.4	0.0
27/09/2023 16:00	3.3	44	16	4.8	0.0
27/09/2023 16:10	3.9	49	15	5.4	0.0
27/09/2023 16:20	3.4	53	13	4.4	0.0
27/09/2023 16:30	3.3	50	14	4.4	0.0
27/09/2023 16:40	3.2	50	13	4.5	0.0
27/09/2023 16:50	2.9	48	14	4.4	0.0
27/09/2023 17:00	3.1	48	15	5.0	0.0
27/09/2023 17:10	3.2	34	18	4.8	0.0
27/09/2023 17:20	2.4	61	17	3.6	0.0
27/09/2023 17:30	2.0	75	17	3.0	0.0
27/09/2023 17:40	2.8	65	13	4.0	0.0
27/09/2023 17:50	1.7	58	17	3.0	0.0
27/09/2023 18:00	2.6	28	16	4.3	0.0
27/09/2023 18:10	1.9	21	15	3.3	0.0
27/09/2023 18:20	1.9	187	21	3.0	0.0
27/09/2023 18:30	1.6	301	29	2.6	0.0
27/09/2023 18:40	1.6	291	18	2.7	0.0
27/09/2023 18:50	1.9	311	17	2.9	0.0
27/09/2023 19:00	1.3	314	23	2.1	0.0
27/09/2023 19:10	1.3	329	30	2.5	0.0
27/09/2023 19:20	2.0	301	17	3.2	0.0
27/09/2023 19:30	2.3	290	25	4.1	0.0
27/09/2023 19:40	1.9	307	21	3.2	0.0
27/09/2023 19:50	2.5	305	18	3.6	0.0
27/09/2023 20:00	2.9	299	18	4.2	0.0
27/09/2023 20:10	3.3	325	16	5.0	0.0
27/09/2023 20:20	2.3	348	19	3.4	0.0
27/09/2023 20:30	0.3	55	35	1.0	0.0
27/09/2023 20:40	0.9	151	35	2.0	0.0
27/09/2023 20:50	0.7	176	19	1.6	0.0
27/09/2023 21:00	1.0	171	18	1.6	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/09/2023 21:10	0.9	318	20	2.0	0.0
27/09/2023 21:20					0.0
27/09/2023 21:30	1.0	280	31	1.7	0.0
27/09/2023 21:40	1.0	297	19	1.6	0.0
27/09/2023 21:50					0.0
27/09/2023 22:00	0.1	37	4	0.8	0.0
27/09/2023 22:10	0.9	308	18	1.7	0.0
27/09/2023 22:20	0.9	276	15	1.6	0.0
27/09/2023 22:30	0.0	16	1	0.4	0.0
27/09/2023 22:40					0.0
27/09/2023 22:50	0.5	318	15	1.1	0.0
27/09/2023 23:00	0.4	212	15	1.9	0.0
27/09/2023 23:10	0.4	227	7	1.7	0.0
27/09/2023 23:20	1.1	216	19	2.0	0.0
27/09/2023 23:30	2.7	204	16	4.6	0.0
27/09/2023 23:40	3.3	200	16	4.8	0.0
27/09/2023 23:50	3.6	199	11	5.1	0.0
28/09/2023 0:00	3.7	197	11	5.1	0.0
28/09/2023 0:10	3.6	194	15	5.8	0.0
28/09/2023 0:20	4.2	184	13	6.2	0.0
28/09/2023 0:30	4.2	182	12	6.7	0.0
28/09/2023 0:40	4.0	179	14	5.6	0.0
28/09/2023 0:50	3.4	190	11	5.0	0.0
28/09/2023 1:00	3.7	193	11	5.1	0.0
28/09/2023 1:10	3.7	196	11	5.1	0.0
28/09/2023 1:20	4.0	197	11	5.2	0.0
28/09/2023 1:30	4.0	192	12	5.3	0.0
28/09/2023 1:40	4.2	193	10	5.6	0.0
28/09/2023 1:50	4.3	196	9	5.6	0.0
28/09/2023 2:00	4.5	193	10	5.6	0.0
28/09/2023 2:10	3.8	195	12	5.3	0.0
28/09/2023 2:20	3.6	198	13	5.2	0.0
28/09/2023 2:30	4.1	195	12	5.6	0.0
28/09/2023 2:40	2.3	209	24	3.7	0.0
28/09/2023 2:50	1.1	243	44	2.2	0.0
28/09/2023 3:00	1.4	235	22	2.3	0.0
28/09/2023 3:10	1.0	253	23	1.9	0.0
28/09/2023 3:20	0.3	229	12	1.2	0.0
28/09/2023 3:30	0.3	296	2	0.9	0.0
28/09/2023 3:40	0.4	160	10	1.2	0.0
28/09/2023 3:50	0.6	203	13	1.2	0.0
28/09/2023 4:00	1.4	335	11	1.8	0.0
28/09/2023 4:10	0.5	3	13	1.2	0.0
28/09/2023 4:20	0.8	3	9	1.4	0.0
28/09/2023 4:30	0.6	333	12	1.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 4:40	0.2	122	18	0.8	0.0
28/09/2023 4:50	1.1	9	11	1.6	0.0
28/09/2023 5:00	0.3	212	5	0.9	0.0
28/09/2023 5:10	0.3	337	59	1.2	0.0
28/09/2023 5:20	1.8	165	35	3.1	0.0
28/09/2023 5:30	2.9	161	20	4.5	0.0
28/09/2023 5:40	3.3	161	15	4.5	0.0
28/09/2023 5:50	2.9	162	15	4.0	0.0
28/09/2023 6:00	2.9	152	15	4.4	0.0
28/09/2023 6:10	2.3	139	15	3.5	0.0
28/09/2023 6:20	2.9	116	12	4.0	0.0
28/09/2023 6:30	2.4	114	14	3.3	0.0
28/09/2023 6:40	2.2	114	10	2.8	0.0
28/09/2023 6:50	1.6	97	16	2.6	0.0
28/09/2023 7:00	2.5	126	15	4.0	0.0
28/09/2023 7:10	2.9	121	14	3.6	0.0
28/09/2023 7:20	2.9	126	16	4.1	0.0
28/09/2023 7:30	2.5	115	17	3.6	0.0
28/09/2023 7:40	2.4	117	16	3.2	0.0
28/09/2023 7:50	2.4	113	16	3.5	0.0
28/09/2023 8:00	2.5	111	14	3.5	0.0
28/09/2023 8:10	2.2	98	20	3.0	0.0
28/09/2023 8:20	2.7	85	15	3.9	0.0
28/09/2023 8:30	2.9	83	16	4.0	0.0
28/09/2023 8:40	2.5	83	15	3.4	0.0
28/09/2023 8:50	2.3	81	18	3.2	0.0
28/09/2023 9:00	2.4	81	14	3.2	0.0
28/09/2023 9:10	2.8	68	14	3.7	0.0
28/09/2023 9:20	2.6	64	12	3.3	0.0
28/09/2023 9:30	2.4	53	19	3.3	0.0
28/09/2023 9:40	2.3	60	21	3.1	0.0
28/09/2023 9:50	2.2	47	15	2.9	0.0
28/09/2023 10:00	2.4	63	10	3.5	0.0
28/09/2023 10:10	2.7	60	15	3.8	0.0
28/09/2023 10:20	2.7	59	16	3.6	0.0
28/09/2023 10:30	3.0	52	11	4.0	0.0
28/09/2023 10:40	3.0	64	12	4.0	0.0
28/09/2023 10:50	3.4	63	12	4.4	0.0
28/09/2023 11:00	3.2	56	15	4.8	0.0
28/09/2023 11:10	2.9	61	17	4.0	0.0
28/09/2023 11:20	3.2	54	14	4.7	0.0
28/09/2023 11:30	3.6	54	12	4.8	0.0
28/09/2023 11:40	3.3	52	13	4.7	0.0
28/09/2023 11:50	3.6	58	11	4.9	0.0
28/09/2023 12:00	3.4	51	14	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 12:10	3.1	54	16	4.6	0.0
28/09/2023 12:20	2.8	65	15	4.0	0.0
28/09/2023 12:30	3.0	66	15	4.1	0.0
28/09/2023 12:40	3.0	66	12	3.8	0.0
28/09/2023 12:50	3.1	68	13	4.1	0.0
28/09/2023 13:00	3.1	63	12	4.0	0.0
28/09/2023 13:10	3.0	66	14	4.1	0.0
28/09/2023 13:20	3.1	65	15	4.3	0.0
28/09/2023 13:30	2.9	66	14	4.0	0.0
28/09/2023 13:40	2.9	58	17	4.1	0.0
28/09/2023 13:50	2.9	65	16	3.9	0.0
28/09/2023 14:00	2.9	62	13	3.9	0.0
28/09/2023 14:10	2.8	64	15	4.2	0.0
28/09/2023 14:20	2.7	60	16	4.1	0.0
28/09/2023 14:30	2.8	57	15	4.0	0.0
28/09/2023 14:40	3.4	52	14	5.0	0.0
28/09/2023 14:50	3.7	47	15	5.3	0.0
28/09/2023 15:00	4.1	43	14	6.0	0.0
28/09/2023 15:10	4.2	43	14	5.6	0.0
28/09/2023 15:20	3.8	42	15	5.1	0.0
28/09/2023 15:30	3.8	45	17	5.3	0.0
28/09/2023 15:40	3.6	48	13	5.0	0.0
28/09/2023 15:50	4.0	40	15	5.8	0.0
28/09/2023 16:00	4.6	37	15	6.3	0.0
28/09/2023 16:10	5.0	38	14	7.3	0.0
28/09/2023 16:20	4.4	40	13	6.4	0.0
28/09/2023 16:30	4.0	40	14	6.5	0.0
28/09/2023 16:40	4.8	34	14	7.2	0.0
28/09/2023 16:50	4.3	23	13	6.1	0.0
28/09/2023 17:00	4.8	23	14	6.8	0.0
28/09/2023 17:10	5.4	20	12	7.5	0.0
28/09/2023 17:20	4.5	26	13	6.2	0.0
28/09/2023 17:30	3.9	26	12	5.5	0.0
28/09/2023 17:40	3.3	24	13	4.9	0.0
28/09/2023 17:50	2.5	15	12	4.3	0.0
28/09/2023 18:00	3.8	5	13	5.3	0.0
28/09/2023 18:10	2.8	7	12	4.4	0.0
28/09/2023 18:20	2.0	341	15	3.2	0.0
28/09/2023 18:30	1.7	172	16	2.8	0.0
28/09/2023 18:40	1.3	336	12	1.6	0.0
28/09/2023 18:50	1.0	318	16	1.8	0.0
28/09/2023 19:00	1.3	321	16	2.0	0.0
28/09/2023 19:10	1.6	324	10	2.1	0.0
28/09/2023 19:20	0.9	327	16	2.4	0.0
28/09/2023 19:30					0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/09/2023 19:40					0.0
28/09/2023 19:50					0.0
28/09/2023 20:00	0.9	299	11	2.1	0.0
28/09/2023 20:10	1.6	243	22	2.4	0.0
28/09/2023 20:20	2.6	224	11	3.5	0.0
28/09/2023 20:30	2.0	246	17	2.8	0.0
28/09/2023 20:40	1.7	246	14	2.4	0.0
28/09/2023 20:50	2.2	245	11	2.8	0.0
28/09/2023 21:00	2.8	248	18	4.1	0.0
28/09/2023 21:10	2.3	274	21	3.8	0.0
28/09/2023 21:20	2.8	220	13	3.6	0.0
28/09/2023 21:30	2.4	227	19	3.3	0.0
28/09/2023 21:40	2.1	231	23	3.0	0.0
28/09/2023 21:50	2.5	226	16	3.4	0.0
28/09/2023 22:00	2.3	224	15	3.6	0.0
28/09/2023 22:10	1.9	238	21	2.8	0.0
28/09/2023 22:20	2.0	231	19	3.0	0.0
28/09/2023 22:30	1.6	204	25	2.4	0.0
28/09/2023 22:40	0.7	246	26	1.6	0.0
28/09/2023 22:50	0.3	215	17	1.2	0.0
28/09/2023 23:00	1.0	227	13	1.6	0.0
28/09/2023 23:10	1.6	228	30	3.1	0.0
28/09/2023 23:20	1.4	280	50	2.3	0.0
28/09/2023 23:30	1.7	214	29	3.0	0.0
28/09/2023 23:40	1.6	222	51	3.0	0.0
28/09/2023 23:50	1.9	216	39	3.9	0.0
29/09/2023 0:00	2.5	222	33	4.5	0.0
29/09/2023 0:10	2.4	201	35	4.2	0.0
29/09/2023 0:20	1.7	212	41	3.5	0.0
29/09/2023 0:30	2.1	237	25	3.4	0.0
29/09/2023 0:40	2.0	220	30	3.3	0.0
29/09/2023 0:50	2.2	214	40	4.4	0.0
29/09/2023 1:00	2.8	202	27	4.8	0.0
29/09/2023 1:10	2.7	213	31	4.6	0.0
29/09/2023 1:20	3.2	205	26	5.4	0.0
29/09/2023 1:30	3.2	203	16	5.1	0.0
29/09/2023 1:40	3.7	198	15	5.3	0.0
29/09/2023 1:50	4.2	198	12	5.9	0.0
29/09/2023 2:00	3.8	194	13	5.2	0.0
29/09/2023 2:10	5.0	195	12	6.9	0.0
29/09/2023 2:20	5.3	181	12	7.0	0.0
29/09/2023 2:30	5.6	181	12	7.3	0.0
29/09/2023 2:40	6.0	183	12	7.9	0.0
29/09/2023 2:50	5.4	180	12	7.5	0.0
29/09/2023 3:00	5.3	177	10	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 3:10	5.5	175	12	7.2	0.0
29/09/2023 3:20	5.9	181	10	7.4	0.0
29/09/2023 3:30	4.8	180	12	7.0	0.0
29/09/2023 3:40	6.2	176	11	7.9	0.0
29/09/2023 3:50	6.5	179	9	7.9	0.0
29/09/2023 4:00	6.1	176	10	7.7	0.0
29/09/2023 4:10	4.0	180	15	5.8	0.0
29/09/2023 4:20	4.1	185	14	5.8	0.0
29/09/2023 4:30	4.4	189	13	6.2	0.0
29/09/2023 4:40	3.8	184	15	5.2	0.0
29/09/2023 4:50	3.9	183	15	5.2	0.0
29/09/2023 5:00	3.3	177	16	4.6	0.0
29/09/2023 5:10	3.2	169	15	4.7	0.0
29/09/2023 5:20	2.6	161	14	4.3	0.0
29/09/2023 5:30	2.6	150	16	4.4	0.0
29/09/2023 5:40	3.0	182	16	4.5	0.0
29/09/2023 5:50	1.8	257	49	3.1	0.0
29/09/2023 6:00	1.6	328	14	2.4	0.0
29/09/2023 6:10	0.9	316	38	1.4	0.0
29/09/2023 6:20	0.9	347	60	1.4	0.0
29/09/2023 6:30	1.3	326	17	2.0	0.0
29/09/2023 6:40	0.7	222	38	1.7	0.0
29/09/2023 6:50	1.4	164	43	2.7	0.0
29/09/2023 7:00	1.5	243	47	2.7	0.0
29/09/2023 7:10	2.4	149	17	3.6	0.0
29/09/2023 7:20	2.8	150	18	4.4	0.0
29/09/2023 7:30	3.1	149	15	4.4	0.0
29/09/2023 7:40	3.3	89	22	4.9	0.0
29/09/2023 7:50	2.8	65	21	5.1	0.0
29/09/2023 8:00	2.2	70	18	3.5	0.0
29/09/2023 8:10	2.6	51	17	3.8	0.0
29/09/2023 8:20	1.7	79	18	3.2	0.0
29/09/2023 8:30	1.9	62	18	2.5	0.0
29/09/2023 8:40	1.7	77	24	2.8	0.0
29/09/2023 8:50	2.1	68	18	3.2	0.0
29/09/2023 9:00	2.3	60	16	3.2	0.0
29/09/2023 9:10	2.3	60	16	3.2	0.0
29/09/2023 9:20	2.4	61	16	3.2	0.0
29/09/2023 9:30	2.7	58	13	3.7	0.0
29/09/2023 9:40	2.0	69	21	2.8	0.0
29/09/2023 9:50	2.7	62	13	4.0	0.0
29/09/2023 10:00	2.3	63	16	3.5	0.0
29/09/2023 10:10	2.7	61	12	3.5	0.0
29/09/2023 10:20	2.8	52	11	4.1	0.0
29/09/2023 10:30	2.7	69	16	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 10:40	2.3	51	16	3.3	0.0
29/09/2023 10:50	2.2	62	13	2.9	0.0
29/09/2023 11:00	2.1	65	17	2.8	0.0
29/09/2023 11:10	2.7	55	12	3.6	0.0
29/09/2023 11:20	2.4	56	14	3.3	0.0
29/09/2023 11:30	2.1	62	18	2.8	0.0
29/09/2023 11:40	2.4	27	34	3.7	0.0
29/09/2023 11:50	2.7	326	28	4.8	0.0
29/09/2023 12:00	2.0	285	51	4.6	0.0
29/09/2023 12:10	3.2	345	26	4.6	0.0
29/09/2023 12:20	3.6	351	18	5.2	0.0
29/09/2023 12:30	2.4	180	24	3.6	0.0
29/09/2023 12:40	3.1	55	15	4.4	0.0
29/09/2023 12:50	3.4	58	13	4.8	0.0
29/09/2023 13:00	3.2	56	14	4.3	0.0
29/09/2023 13:10	3.2	54	14	4.3	0.0
29/09/2023 13:20	2.7	61	22	3.7	0.0
29/09/2023 13:30	2.8	61	14	4.0	0.0
29/09/2023 13:40	2.0	192	59	3.7	0.0
29/09/2023 13:50	2.8	277	26	4.5	0.0
29/09/2023 14:00	2.1	284	35	3.7	0.0
29/09/2023 14:10	2.6	313	29	4.8	0.0
29/09/2023 14:20	2.7	305	21	4.0	0.0
29/09/2023 14:30	2.7	280	24	4.4	0.0
29/09/2023 14:40	2.8	276	16	4.7	0.0
29/09/2023 14:50	3.4	272	20	4.9	0.0
29/09/2023 15:00	3.0	275	21	4.2	0.0
29/09/2023 15:10	3.1	265	22	4.3	0.0
29/09/2023 15:20	2.9	285	22	4.4	0.0
29/09/2023 15:30	3.2	321	17	4.1	0.0
29/09/2023 15:40	2.5	312	21	4.2	0.0
29/09/2023 15:50	2.7	313	22	4.1	0.0
29/09/2023 16:00	2.9	291	28	4.7	0.0
29/09/2023 16:10	2.8	296	22	4.4	0.0
29/09/2023 16:20	2.5	299	26	4.2	0.0
29/09/2023 16:30	2.7	302	21	4.0	0.0
29/09/2023 16:40	2.6	312	22	4.0	0.0
29/09/2023 16:50	2.9	302	23	4.2	0.0
29/09/2023 17:00	3.4	290	21	4.9	0.0
29/09/2023 17:10	3.3	265	21	4.8	0.0
29/09/2023 17:20	3.5	274	16	4.9	0.0
29/09/2023 17:30	3.3	282	18	4.8	0.0
29/09/2023 17:40	2.5	283	22	3.9	0.0
29/09/2023 17:50	2.5	273	18	3.6	0.0
29/09/2023 18:00	2.6	267	19	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/09/2023 18:10	2.5	274	20	3.9	0.0
29/09/2023 18:20	2.8	269	16	4.0	0.0
29/09/2023 18:30	2.7	268	19	4.0	0.0
29/09/2023 18:40	2.9	269	21	4.3	0.0
29/09/2023 18:50	2.6	267	17	4.1	0.0
29/09/2023 19:00	2.8	269	20	4.6	0.0
29/09/2023 19:10	2.8	273	19	5.0	0.0
29/09/2023 19:20	2.7	269	22	4.4	0.0
29/09/2023 19:30	3.0	279	21	4.5	0.0
29/09/2023 19:40	2.4	283	19	3.4	0.0
29/09/2023 19:50	2.3	270	20	3.6	0.0
29/09/2023 20:00	1.9	255	38	3.4	0.0
29/09/2023 20:10	2.1	248	34	3.7	0.0
29/09/2023 20:20	1.7	273	30	3.6	0.0
29/09/2023 20:30	1.8	282	25	2.8	0.0
29/09/2023 20:40	1.5	274	34	2.6	0.0
29/09/2023 20:50	1.2	260	51	2.4	0.0
29/09/2023 21:00	1.1	266	34	2.4	0.0
29/09/2023 21:10	2.2	301	36	3.6	0.0
29/09/2023 21:20	1.7	208	25	3.2	0.0
29/09/2023 21:30	2.4	276	42	4.1	0.0
29/09/2023 21:40	2.5	271	34	3.9	0.0
29/09/2023 21:50	2.0	238	39	3.3	0.0
29/09/2023 22:00	2.2	311	39	3.6	0.0
29/09/2023 22:10	2.1	247	27	3.2	0.0
29/09/2023 22:20	1.9	274	24	3.0	0.0
29/09/2023 22:30	1.9	242	27	3.6	0.0
29/09/2023 22:40	2.1	257	24	3.3	0.0
29/09/2023 22:50	1.8	270	44	3.3	0.0
29/09/2023 23:00	2.5	259	29	3.4	0.0
29/09/2023 23:10	1.9	265	34	3.6	0.0
29/09/2023 23:20	1.6	283	37	3.2	0.0
29/09/2023 23:30	1.8	350	26	2.7	0.0
29/09/2023 23:40	0.9	262	29	2.1	0.0
29/09/2023 23:50	1.8	295	19	2.7	0.0
30/09/2023 0:00	1.5	262	41	2.5	0.0
30/09/2023 0:10	1.5	265	34	2.6	0.0
30/09/2023 0:20	1.8	253	29	2.9	0.0
30/09/2023 0:30	2.3	270	19	3.6	0.0
30/09/2023 0:40	2.0	257	29	3.4	0.0
30/09/2023 0:50	1.6	276	19	2.7	0.0
30/09/2023 1:00	2.0	272	21	3.2	0.0
30/09/2023 1:10	2.1	265	19	3.3	0.0
30/09/2023 1:20	2.2	265	22	3.2	0.0
30/09/2023 1:30	1.7	279	20	2.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 1:40	1.9	255	19	3.2	0.0
30/09/2023 1:50	1.9	266	20	2.8	0.0
30/09/2023 2:00	1.7	261	22	3.1	0.0
30/09/2023 2:10	1.2	249	37	2.2	0.0
30/09/2023 2:20	1.3	240	32	2.4	0.0
30/09/2023 2:30	1.2	238	34	2.4	0.0
30/09/2023 2:40	1.0	218	30	2.1	0.0
30/09/2023 2:50	1.3	239	32	2.3	0.0
30/09/2023 3:00	0.5	263	24	1.6	0.0
30/09/2023 3:10	1.2	227	28	2.0	0.0
30/09/2023 3:20	1.2	247	31	2.2	0.0
30/09/2023 3:30	1.4	237	28	2.5	0.0
30/09/2023 3:40	1.3	258	19	2.2	0.0
30/09/2023 3:50	2.0	274	11	2.6	0.0
30/09/2023 4:00	1.7	283	11	2.2	0.0
30/09/2023 4:10	1.6	278	10	2.2	0.0
30/09/2023 4:20	1.6	277	10	2.1	0.0
30/09/2023 4:30	1.6	270	13	2.4	0.0
30/09/2023 4:40	1.8	253	22	2.7	0.0
30/09/2023 4:50	2.7	236	17	3.9	0.0
30/09/2023 5:00	3.2	226	18	4.8	0.0
30/09/2023 5:10	3.5	221	15	4.8	0.0
30/09/2023 5:20	3.8	208	11	5.8	0.0
30/09/2023 5:30	3.9	206	12	5.5	0.0
30/09/2023 5:40	4.2	204	11	5.5	0.0
30/09/2023 5:50	4.5	202	12	6.1	0.0
30/09/2023 6:00	4.7	202	11	6.9	0.0
30/09/2023 6:10	4.7	202	14	6.1	0.0
30/09/2023 6:20	4.4	202	12	6.4	0.0
30/09/2023 6:30	4.1	200	13	5.6	0.0
30/09/2023 6:40	3.9	200	14	5.3	0.0
30/09/2023 6:50	3.6	203	14	5.2	0.0
30/09/2023 7:00	3.9	202	12	5.6	0.0
30/09/2023 7:10	4.1	201	13	6.0	0.0
30/09/2023 7:20	4.1	201	15	5.6	0.0
30/09/2023 7:30	4.3	202	14	6.2	0.0
30/09/2023 7:40	4.2	207	15	6.0	0.0
30/09/2023 7:50	4.1	201	16	5.9	0.0
30/09/2023 8:00	4.0	198	14	5.7	0.0
30/09/2023 8:10	2.9	198	17	4.3	0.0
30/09/2023 8:20	2.5	193	21	4.6	0.0
30/09/2023 8:30	2.5	196	26	4.2	0.0
30/09/2023 8:40	1.5	183	59	3.5	0.0
30/09/2023 8:50	1.7	169	49	3.2	0.0
30/09/2023 9:00	1.9	143	39	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 9:10	2.0	113	45	3.5	0.0
30/09/2023 9:20	1.9	66	28	2.8	0.0
30/09/2023 9:30	1.9	94	34	2.9	0.0
30/09/2023 9:40	1.7	72	30	3.2	0.0
30/09/2023 9:50	2.3	49	17	3.8	0.0
30/09/2023 10:00	1.6	74	32	2.8	0.0
30/09/2023 10:10	2.2	102	32	4.4	0.0
30/09/2023 10:20	2.1	115	28	3.2	0.0
30/09/2023 10:30	2.3	123	30	4.0	0.0
30/09/2023 10:40	2.9	114	22	4.0	0.0
30/09/2023 10:50	3.0	57	14	4.0	0.0
30/09/2023 11:00	2.2	75	23	3.3	0.0
30/09/2023 11:10	2.4	93	18	3.2	0.0
30/09/2023 11:20	2.1	82	18	3.2	0.0
30/09/2023 11:30	2.7	65	14	3.9	0.0
30/09/2023 11:40	3.1	53	14	4.4	0.0
30/09/2023 11:50	3.3	61	13	4.9	0.0
30/09/2023 12:00	2.8	64	16	4.2	0.0
30/09/2023 12:10	2.8	55	15	4.2	0.0
30/09/2023 12:20	3.3	55	14	4.4	0.0
30/09/2023 12:30	3.1	60	13	4.3	0.0
30/09/2023 12:40	2.7	54	15	3.5	0.0
30/09/2023 12:50	3.0	58	13	4.0	0.0
30/09/2023 13:00	3.2	55	12	3.9	0.0
30/09/2023 13:10	3.4	57	13	4.4	0.0
30/09/2023 13:20	3.4	52	13	4.7	0.0
30/09/2023 13:30	3.3	29	18	5.2	0.0
30/09/2023 13:40	3.3	335	19	5.2	0.0
30/09/2023 13:50	3.0	336	20	4.4	0.0
30/09/2023 14:00	3.3	330	18	5.2	0.0
30/09/2023 14:10	3.4	325	16	4.7	0.0
30/09/2023 14:20	3.5	337	22	5.0	0.0
30/09/2023 14:30	3.5	324	19	5.6	0.0
30/09/2023 14:40	3.7	316	17	5.2	0.0
30/09/2023 14:50	3.9	328	16	5.5	0.0
30/09/2023 15:00	3.8	324	16	5.6	0.0
30/09/2023 15:10	3.7	317	18	6.2	0.0
30/09/2023 15:20	4.0	316	22	6.0	0.0
30/09/2023 15:30	3.0	274	26	5.0	0.0
30/09/2023 15:40	3.8	261	20	5.8	0.0
30/09/2023 15:50	3.5	273	23	5.2	0.0
30/09/2023 16:00	3.4	263	19	5.8	0.0
30/09/2023 16:10	3.7	271	17	6.0	0.0
30/09/2023 16:20	3.8	280	22	6.1	0.0
30/09/2023 16:30	3.4	277	21	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/09/2023 16:40	3.5	283	18	5.2	0.0
30/09/2023 16:50	3.5	276	21	5.5	0.0
30/09/2023 17:00	3.4	267	19	5.6	0.0
30/09/2023 17:10	3.6	270	19	5.7	0.0
30/09/2023 17:20	3.5	270	20	5.2	0.0
30/09/2023 17:30	3.6	270	22	6.0	0.0
30/09/2023 17:40	3.0	261	39	5.4	0.0
30/09/2023 17:50	3.2	261	32	5.2	0.0
30/09/2023 18:00	3.6	270	22	5.5	0.0
30/09/2023 18:10	3.3	268	30	5.2	0.0
30/09/2023 18:20	3.2	262	26	5.2	0.0
30/09/2023 18:30	3.2	257	29	5.2	0.0
30/09/2023 18:40	2.9	253	41	5.0	0.0
30/09/2023 18:50	2.6	263	38	5.4	0.0
30/09/2023 19:00	3.3	268	25	5.4	0.0
30/09/2023 19:10	3.1	262	27	5.1	0.0
30/09/2023 19:20	3.4	270	21	5.2	0.0
30/09/2023 19:30	3.2	275	18	4.8	0.0
30/09/2023 19:40	2.9	275	18	4.7	0.0
30/09/2023 19:50	3.6	280	15	5.4	0.0
30/09/2023 20:00	3.1	277	19	4.5	0.0
30/09/2023 20:10	2.9	280	17	4.2	0.0
30/09/2023 20:20	2.7	280	17	4.0	0.0
30/09/2023 20:30	2.1	292	20	3.4	0.0
30/09/2023 20:40	2.2	290	17	3.1	0.0
30/09/2023 20:50	1.6	280	32	2.7	0.0
30/09/2023 21:00	1.1	278	60	2.3	0.0
30/09/2023 21:10	1.0	217	73	2.4	0.0
30/09/2023 21:20	0.9	234	80	1.9	0.0
30/09/2023 21:30	0.4	50	40	1.2	0.0
30/09/2023 21:40	0.8	169	62	2.4	0.0
30/09/2023 21:50	0.5	157	48	1.4	0.0
30/09/2023 22:00	1.1	240	53	2.2	0.0
30/09/2023 22:10	1.0	298	29	1.7	0.0
30/09/2023 22:20	1.1	296	47	1.6	0.0
30/09/2023 22:30	1.5	271	32	2.8	0.0
30/09/2023 22:40	1.9	256	32	3.6	0.0
30/09/2023 22:50	1.9	251	31	3.7	0.0
30/09/2023 23:00	1.9	255	29	3.0	0.0
30/09/2023 23:10	1.8	260	27	3.2	0.0
30/09/2023 23:20	1.7	247	34	3.3	0.0
30/09/2023 23:30	1.7	243	31	3.2	0.0
30/09/2023 23:40	2.5	243	25	4.2	0.0
30/09/2023 23:50	1.9	234	34	3.4	0.0
1/10/2023 0:00	2.3	223	30	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/10/2023 0:10	2.4	220	29	4.2	0.0
1/10/2023 0:20	2.7	215	24	4.0	0.0
1/10/2023 0:30	2.4	216	30	3.8	0.0
1/10/2023 0:40	3.0	207	17	5.2	0.0
1/10/2023 0:50	3.4	212	20	5.5	0.0
1/10/2023 1:00	3.4	214	24	5.5	0.0
1/10/2023 1:10	3.6	210	20	5.0	0.0
1/10/2023 1:20	3.3	205	16	5.0	0.0
1/10/2023 1:30	3.9	203	15	5.5	0.0
1/10/2023 1:40	4.3	203	14	5.5	0.0
1/10/2023 1:50	4.6	204	15	6.5	0.0
1/10/2023 2:00	4.5	205	15	6.5	0.0
1/10/2023 2:10	4.1	212	15	5.8	0.0
1/10/2023 2:20	4.0	209	15	6.2	0.0
1/10/2023 2:30	4.0	211	16	5.6	0.0
1/10/2023 2:40	4.2	202	13	6.4	0.0
1/10/2023 2:50	4.4	206	14	6.2	0.0
1/10/2023 3:00	3.7	205	16	5.7	0.0
1/10/2023 3:10	4.3	203	14	6.1	0.0
1/10/2023 3:20	4.1	206	14	5.7	0.0
1/10/2023 3:30	4.0	211	14	5.9	0.0
1/10/2023 3:40	4.0	210	15	5.6	0.0
1/10/2023 3:50	4.3	215	15	5.9	0.0
1/10/2023 4:00	3.8	210	13	5.3	0.0
1/10/2023 4:10	3.7	212	16	4.7	0.0
1/10/2023 4:20	4.0	206	17	5.6	0.0
1/10/2023 4:30	4.3	211	12	5.9	0.0
1/10/2023 4:40	3.5	206	14	5.1	0.0
1/10/2023 4:50	3.8	209	14	5.1	0.0
1/10/2023 5:00	3.8	211	14	5.2	0.0
1/10/2023 5:10	3.6	205	12	5.2	0.0
1/10/2023 5:20	3.7	202	11	5.2	0.0
1/10/2023 5:30	3.4	202	12	4.4	0.0
1/10/2023 5:40	3.4	204	13	4.4	0.0
1/10/2023 5:50	3.3	207	11	4.5	0.0
1/10/2023 6:00	3.1	206	10	4.0	0.0
1/10/2023 6:10	3.1	216	12	4.2	0.0
1/10/2023 6:20	2.7	222	18	3.8	0.0
1/10/2023 6:30	1.9	265	36	2.8	0.0
1/10/2023 6:40	2.5	264	9	3.2	0.0
1/10/2023 6:50	2.6	257	9	3.5	0.0
1/10/2023 7:00	1.4	249	25	2.0	0.0
1/10/2023 7:10	1.8	285	17	2.5	0.0
1/10/2023 7:20	2.4	262	16	3.4	0.0
1/10/2023 7:30	2.1	257	21	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/10/2023 7:40	2.0	285	20	2.7	0.0
1/10/2023 7:50	2.1	275	14	2.9	0.0
1/10/2023 8:00	1.9	276	14	2.7	0.0
1/10/2023 8:10	1.8	231	25	3.1	0.0
1/10/2023 8:20	1.7	207	18	2.6	0.0
1/10/2023 8:30	1.9	260	24	2.7	0.0
1/10/2023 8:40	1.9	268	16	2.7	0.0
1/10/2023 8:50	1.9	264	23	2.8	0.0
1/10/2023 9:00	2.2	292	19	3.4	0.0
1/10/2023 9:10	2.2	280	18	3.4	0.0
1/10/2023 9:20	2.5	279	17	3.6	0.0
1/10/2023 9:30	2.7	279	15	3.9	0.0
1/10/2023 9:40	2.6	284	21	4.0	0.0
1/10/2023 9:50	3.0	281	18	4.0	0.0
1/10/2023 10:00	2.8	291	19	4.0	0.0
1/10/2023 10:10	2.8	275	18	4.1	0.0
1/10/2023 10:20	2.9	282	18	5.0	0.0
1/10/2023 10:30	3.3	283	20	4.7	0.0
1/10/2023 10:40	3.2	270	18	4.4	0.0
1/10/2023 10:50	3.1	279	18	4.7	0.0
1/10/2023 11:00	3.6	268	19	4.9	0.0
1/10/2023 11:10	3.2	283	24	4.8	0.0
1/10/2023 11:20	3.5	274	20	4.8	0.0
1/10/2023 11:30	3.1	283	21	4.4	0.0
1/10/2023 11:40	3.3	278	19	4.8	0.0
1/10/2023 11:50	3.3	284	19	5.5	0.0
1/10/2023 12:00	3.4	271	22	5.4	0.0
1/10/2023 12:10	3.4	280	30	5.2	0.0
1/10/2023 12:20	3.3	283	25	5.2	0.0
1/10/2023 12:30	3.8	284	23	5.6	0.0
1/10/2023 12:40	3.8	279	25	5.7	0.0
1/10/2023 12:50	3.7	271	23	5.9	0.0
1/10/2023 13:00	4.4	277	20	6.4	0.0
1/10/2023 13:10	4.5	273	17	6.4	0.0
1/10/2023 13:20	4.1	284	23	6.5	0.0
1/10/2023 13:30	4.4	285	19	6.4	0.0
1/10/2023 13:40	4.0	289	25	6.8	0.0
1/10/2023 13:50	3.9	283	25	6.1	0.0
1/10/2023 14:00	4.1	282	17	6.4	0.0
1/10/2023 14:10	4.5	298	23	6.8	0.0
1/10/2023 14:20	4.5	278	20	6.8	0.0
1/10/2023 14:30	4.6	269	23	6.8	0.0
1/10/2023 14:40	4.2	275	24	7.2	0.0
1/10/2023 14:50	4.1	272	24	7.1	0.0
1/10/2023 15:00	4.4	278	18	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/10/2023 15:10	4.7	276	17	6.8	0.0
1/10/2023 15:20	4.5	279	19	6.9	0.0
1/10/2023 15:30	4.1	270	29	6.5	0.0
1/10/2023 15:40	2.9	266	51	6.7	0.0
1/10/2023 15:50	3.9	263	30	6.2	0.0
1/10/2023 16:00	4.4	275	18	6.5	0.0
1/10/2023 16:10	3.9	276	23	6.9	0.0
1/10/2023 16:20	4.3	279	20	6.4	0.0
1/10/2023 16:30	3.9	276	20	6.0	0.0
1/10/2023 16:40	3.8	271	26	6.4	0.0
1/10/2023 16:50	3.9	279	23	6.1	0.0
1/10/2023 17:00	3.9	270	18	6.7	0.0
1/10/2023 17:10	3.5	268	30	6.1	0.0
1/10/2023 17:20	3.2	258	44	6.3	0.0
1/10/2023 17:30	3.0	264	36	6.1	0.0
1/10/2023 17:40	3.4	269	31	5.7	0.0
1/10/2023 17:50	3.5	263	33	6.8	0.0
1/10/2023 18:00	3.6	264	26	6.6	0.0
1/10/2023 18:10	3.2	265	34	7.2	0.0
1/10/2023 18:20	3.1	256	34	6.4	0.0
1/10/2023 18:30	3.2	252	46	6.0	0.0
1/10/2023 18:40	3.2	257	40	6.6	0.0
1/10/2023 18:50	3.2	243	40	6.5	0.0
1/10/2023 19:00	2.7	250	43	5.7	0.0
1/10/2023 19:10	2.9	261	39	5.3	0.0
1/10/2023 19:20	2.6	248	53	5.2	0.0
1/10/2023 19:30	3.5	257	36	6.5	0.0
1/10/2023 19:40	2.7	245	49	4.9	0.0
1/10/2023 19:50	3.3	264	34	6.7	0.0
1/10/2023 20:00	3.0	266	28	5.2	0.0
1/10/2023 20:10	2.9	255	44	5.5	0.0
1/10/2023 20:20	3.3	263	34	6.3	0.0
1/10/2023 20:30	2.4	250	39	4.3	0.0
1/10/2023 20:40	3.1	263	36	6.9	0.0
1/10/2023 20:50	3.2	264	34	6.6	0.0
1/10/2023 21:00	3.3	267	28	5.7	0.0
1/10/2023 21:10	2.5	258	61	5.5	0.0
1/10/2023 21:20	3.2	251	48	5.7	0.0
1/10/2023 21:30	3.5	248	46	6.8	0.0
1/10/2023 21:40	3.1	237	49	6.4	0.0
1/10/2023 21:50	2.8	227	57	6.1	0.0
1/10/2023 22:00	2.8	221	56	5.8	0.0
1/10/2023 22:10	2.8	240	55	6.4	0.0
1/10/2023 22:20	3.4	242	43	7.9	0.0
1/10/2023 22:30	2.5	230	58	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/10/2023 22:40	2.2	213	74	4.7	0.0
1/10/2023 22:50	2.6	231	51	5.2	0.0
1/10/2023 23:00	2.6	245	53	5.9	0.0
1/10/2023 23:10	2.6	249	58	5.6	0.0
1/10/2023 23:20	2.6	221	54	5.3	0.0
1/10/2023 23:30	2.1	224	60	5.5	0.0
1/10/2023 23:40	2.6	192	42	4.4	0.0
1/10/2023 23:50	2.3	206	52	5.6	0.0
2/10/2023 0:00	2.5	208	38	4.7	0.0
2/10/2023 0:10	2.3	206	50	4.4	0.0
2/10/2023 0:20	2.2	232	52	4.7	0.0
2/10/2023 0:30	2.2	234	55	4.7	0.0
2/10/2023 0:40	2.6	250	49	5.6	0.0
2/10/2023 0:50	2.4	233	53	4.8	0.0
2/10/2023 1:00	1.9	218	62	3.6	0.0
2/10/2023 1:10	2.9	245	42	5.9	0.0
2/10/2023 1:20	3.2	262	33	5.2	0.0
2/10/2023 1:30	2.0	230	72	4.6	0.0
2/10/2023 1:40	3.1	265	31	5.6	0.0
2/10/2023 1:50	2.1	246	59	5.2	0.0
2/10/2023 2:00	2.2	215	56	4.3	0.0
2/10/2023 2:10	2.3	260	54	4.7	0.0
2/10/2023 2:20	2.4	228	65	4.9	0.0
2/10/2023 2:30	1.9	227	76	4.6	0.0
2/10/2023 2:40	2.6	215	48	5.0	0.0
2/10/2023 2:50	2.3	220	66	5.4	0.0
2/10/2023 3:00	2.4	233	45	5.8	0.0
2/10/2023 3:10	2.5	203	42	4.6	0.0
2/10/2023 3:20	2.0	206	54	4.3	0.0
2/10/2023 3:30	2.3	229	59	4.6	0.0
2/10/2023 3:40	1.9	235	71	4.1	0.0
2/10/2023 3:50	2.1	240	64	5.5	0.0
2/10/2023 4:00	2.2	232	48	4.8	0.0
2/10/2023 4:10	2.1	240	43	3.9	0.0
2/10/2023 4:20	2.1	264	50	4.0	0.0
2/10/2023 4:30	2.4	230	52	5.2	0.0
2/10/2023 4:40	2.3	221	50	5.9	0.0
2/10/2023 4:50	2.3	233	54	4.9	0.0
2/10/2023 5:00	2.4	235	51	4.5	0.0
2/10/2023 5:10	3.2	235	40	6.2	0.0
2/10/2023 5:20	2.6	241	47	4.4	0.0
2/10/2023 5:30	3.4	240	32	5.7	0.0
2/10/2023 5:40	3.2	250	40	5.6	0.0
2/10/2023 5:50	2.7	240	49	5.0	0.0
2/10/2023 6:00	3.2	222	45	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/10/2023 6:10	3.5	214	42	7.1	0.0
2/10/2023 6:20	5.0	202	25	8.1	0.0
2/10/2023 6:30	4.3	204	30	7.5	0.0
2/10/2023 6:40	4.0	209	31	6.6	0.0
2/10/2023 6:50	4.2	205	25	6.8	0.0
2/10/2023 7:00	4.3	203	28	7.0	0.0
2/10/2023 7:10	4.0	206	27	7.2	0.0
2/10/2023 7:20	4.9	205	23	7.5	0.0
2/10/2023 7:30	4.8	209	19	7.5	0.0
2/10/2023 7:40	5.3	199	16	8.2	0.0
2/10/2023 7:50	4.7	194	21	7.7	0.0
2/10/2023 8:00	5.1	195	15	7.3	0.0
2/10/2023 8:10	3.9	203	21	6.3	0.0
2/10/2023 8:20	3.8	203	23	6.3	0.0
2/10/2023 8:30	4.7	204	20	7.1	0.0
2/10/2023 8:40	4.2	204	19	6.4	0.0
2/10/2023 8:50	4.4	205	18	6.8	0.0
2/10/2023 9:00	4.1	195	14	6.4	0.0
2/10/2023 9:10	3.4	200	28	5.8	0.0
2/10/2023 9:20	3.6	203	29	6.1	0.0
2/10/2023 9:30	2.7	241	43	4.8	0.0
2/10/2023 9:40	2.4	231	40	4.2	0.0
2/10/2023 9:50	2.0	248	53	4.1	0.0
2/10/2023 10:00	2.5	210	34	4.9	0.0
2/10/2023 10:10	3.2	201	23	5.2	0.0
2/10/2023 10:20	3.1	211	27	5.6	0.0
2/10/2023 10:30	2.8	225	40	5.1	0.0
2/10/2023 10:40	2.6	264	34	4.9	0.0
2/10/2023 10:50	3.4	281	25	5.2	0.0
2/10/2023 11:00	3.8	273	22	5.6	0.0
2/10/2023 11:10	3.9	283	26	6.0	0.0
2/10/2023 11:20	3.8	281	27	6.2	0.0
2/10/2023 11:30	4.3	282	22	6.8	0.0
2/10/2023 11:40	4.6	275	19	6.9	0.0
2/10/2023 11:50	4.5	274	20	6.4	0.0
2/10/2023 12:00	4.8	277	23	7.1	0.0
2/10/2023 12:10	4.5	273	27	7.2	0.0
2/10/2023 12:20	4.6	276	20	8.3	0.0
2/10/2023 12:30	4.4	283	24	6.8	0.0
2/10/2023 12:40	4.6	286	20	7.2	0.0
2/10/2023 12:50	4.1	284	22	6.8	0.0
2/10/2023 13:00	4.9	285	24	7.2	0.0
2/10/2023 13:10	4.6	276	25	7.2	0.0
2/10/2023 13:20	4.5	275	22	7.0	0.0
2/10/2023 13:30	4.6	277	23	7.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/10/2023 13:40	4.4	275	21	6.8	0.0
2/10/2023 13:50	4.5	277	21	7.7	0.0
2/10/2023 14:00	4.1	283	23	6.1	0.0
2/10/2023 14:10	4.2	272	22	6.9	0.0
2/10/2023 14:20	4.1	268	23	6.4	0.0
2/10/2023 14:30	4.4	281	22	6.7	0.0
2/10/2023 14:40	4.5	279	22	7.1	0.0
2/10/2023 14:50	4.5	274	21	7.5	0.0
2/10/2023 15:00	4.5	280	23	6.8	0.0
2/10/2023 15:10	4.0	279	21	6.2	0.0
2/10/2023 15:20	4.2	275	18	6.7	0.0
2/10/2023 15:30	4.0	277	19	6.1	0.0
2/10/2023 15:40	4.1	278	22	6.3	0.0
2/10/2023 15:50	4.0	279	21	6.4	0.0
2/10/2023 16:00	4.1	283	18	6.4	0.0
2/10/2023 16:10	3.7	283	20	6.0	0.0
2/10/2023 16:20	4.2	287	21	6.3	0.0
2/10/2023 16:30	4.1	285	19	6.1	0.0
2/10/2023 16:40	3.5	286	25	5.6	0.0
2/10/2023 16:50	3.7	291	23	6.0	0.0
2/10/2023 17:00	3.1	284	22	5.4	0.0
2/10/2023 17:10	3.5	283	24	5.2	0.0
2/10/2023 17:20	3.5	281	21	5.3	0.0
2/10/2023 17:30	3.4	288	22	5.5	0.0
2/10/2023 17:40	3.1	277	21	4.9	0.0
2/10/2023 17:50	3.2	282	21	5.2	0.0
2/10/2023 18:00	3.1	281	21	4.8	0.0
2/10/2023 18:10	3.0	283	21	4.4	0.0
2/10/2023 18:20	3.2	279	20	4.8	0.0
2/10/2023 18:30	3.1	277	17	4.4	0.0
2/10/2023 18:40	3.4	279	18	5.0	0.0
2/10/2023 18:50	3.8	281	17	5.5	0.0
2/10/2023 19:00	3.5	282	16	5.2	0.0
2/10/2023 19:10	3.5	277	19	6.0	0.0
2/10/2023 19:20	3.5	280	19	5.0	0.0
2/10/2023 19:30	3.1	282	19	4.8	0.0
2/10/2023 19:40	3.1	278	18	4.8	0.0
2/10/2023 19:50	3.1	279	18	4.7	0.0
2/10/2023 20:00	2.9	277	20	4.7	0.0
2/10/2023 20:10	2.9	275	17	4.6	0.0
2/10/2023 20:20	2.9	277	18	4.7	0.0
2/10/2023 20:30	2.9	276	21	4.4	0.0
2/10/2023 20:40	2.9	277	19	4.4	0.0
2/10/2023 20:50	3.0	277	20	4.3	0.0
2/10/2023 21:00	2.0	280	31	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/10/2023 21:10	1.7	271	36	3.4	0.0
2/10/2023 21:20	2.0	287	26	3.4	0.0
2/10/2023 21:30	2.1	284	28	3.4	0.0
2/10/2023 21:40	1.3	279	45	2.4	0.0
2/10/2023 21:50	1.1	240	62	2.3	0.0
2/10/2023 22:00	1.0	211	56	2.0	0.0
2/10/2023 22:10	1.2	229	49	2.1	0.0
2/10/2023 22:20	0.9	245	52	2.0	0.0
2/10/2023 22:30	0.9	238	62	2.0	0.0
2/10/2023 22:40	0.1	134	16	0.8	0.0
2/10/2023 22:50	0.8	301	46	1.9	0.0
2/10/2023 23:00	0.6	186	8	1.7	0.0
2/10/2023 23:10	0.7	211	32	1.8	0.0
2/10/2023 23:20	0.6	189	27	1.7	0.0
2/10/2023 23:30	0.6	218	41	1.3	0.0
2/10/2023 23:40	0.1	177	6	0.9	0.0
2/10/2023 23:50	0.2	327	11	1.2	0.0
3/10/2023 0:00	0.0	277	0	0.4	0.0
3/10/2023 0:10	0.4	279	24	1.1	0.0
3/10/2023 0:20	0.5	195	12	1.8	0.0
3/10/2023 0:30	1.3	201	31	2.5	0.0
3/10/2023 0:40	1.4	247	28	2.3	0.0
3/10/2023 0:50	1.3	221	38	2.1	0.0
3/10/2023 1:00	1.4	247	31	2.4	0.0
3/10/2023 1:10	1.1	220	37	2.4	0.0
3/10/2023 1:20	1.5	258	21	2.6	0.0
3/10/2023 1:30	1.4	269	27	2.0	0.0
3/10/2023 1:40	1.4	267	24	2.0	0.0
3/10/2023 1:50	2.1	279	14	2.9	0.0
3/10/2023 2:00	2.3	271	12	2.9	0.0
3/10/2023 2:10	2.2	271	7	2.8	0.0
3/10/2023 2:20	2.0	263	15	2.8	0.0
3/10/2023 2:30	1.9	265	17	2.6	0.0
3/10/2023 2:40	2.0	276	13	2.6	0.0
3/10/2023 2:50	2.1	268	17	3.1	0.0
3/10/2023 3:00	2.0	260	23	3.0	0.0
3/10/2023 3:10	3.0	210	13	4.3	0.0
3/10/2023 3:20	3.4	207	14	4.6	0.0
3/10/2023 3:30	3.7	201	13	5.3	0.0
3/10/2023 3:40	4.7	198	10	6.3	0.0
3/10/2023 3:50	4.7	197	9	5.9	0.0
3/10/2023 4:00	4.6	198	9	6.0	0.0
3/10/2023 4:10	3.6	205	10	4.6	0.0
3/10/2023 4:20	3.4	204	11	4.4	0.0
3/10/2023 4:30	3.3	200	11	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/10/2023 4:40	3.2	204	11	4.2	0.0
3/10/2023 4:50	3.2	198	10	4.2	0.0
3/10/2023 5:00	3.1	202	11	4.0	0.0
3/10/2023 5:10	3.4	196	13	4.8	0.0
3/10/2023 5:20	4.2	196	11	5.9	0.0
3/10/2023 5:30	5.1	196	10	6.4	0.0
3/10/2023 5:40	5.6	196	8	6.8	0.0
3/10/2023 5:50	5.7	196	8	7.2	0.0
3/10/2023 6:00	5.8	197	8	7.3	0.0
3/10/2023 6:10	5.6	193	10	7.0	0.0
3/10/2023 6:20	5.8	192	9	7.3	0.0
3/10/2023 6:30	5.9	192	10	7.2	0.0
3/10/2023 6:40	5.9	195	9	7.6	0.0
3/10/2023 6:50	5.1	189	13	7.6	0.0
3/10/2023 7:00	5.1	192	12	6.9	0.0
3/10/2023 7:10	4.7	191	12	6.4	0.0
3/10/2023 7:20	3.7	177	15	5.5	0.0
3/10/2023 7:30	2.8	156	20	4.1	0.0
3/10/2023 7:40	3.0	162	17	4.4	0.0
3/10/2023 7:50	3.5	174	15	5.2	0.0
3/10/2023 8:00	3.1	167	20	4.9	0.0
3/10/2023 8:10	3.4	150	17	5.1	0.0
3/10/2023 8:20	3.2	156	21	5.0	0.0
3/10/2023 8:30	2.5	152	24	4.1	0.0
3/10/2023 8:40	2.7	121	24	4.8	0.0
3/10/2023 8:50	2.9	117	19	4.8	0.0
3/10/2023 9:00	2.7	118	21	4.4	0.0
3/10/2023 9:10	2.7	79	16	3.9	0.0
3/10/2023 9:20	2.7	81	19	3.9	0.0
3/10/2023 9:30	2.6	65	18	3.8	0.0
3/10/2023 9:40	2.7	65	17	3.8	0.0
3/10/2023 9:50	3.1	61	13	4.2	0.0
3/10/2023 10:00	2.8	63	12	3.7	0.0
3/10/2023 10:10	2.4	56	17	3.3	0.0
3/10/2023 10:20	3.3	48	15	4.6	0.0
3/10/2023 10:30	3.7	51	15	5.2	0.0
3/10/2023 10:40	4.1	52	12	5.4	0.0
3/10/2023 10:50	3.8	40	12	5.0	0.0
3/10/2023 11:00	3.8	46	14	5.6	0.0
3/10/2023 11:10	4.7	43	11	6.0	0.0
3/10/2023 11:20	4.1	44	14	5.6	0.0
3/10/2023 11:30	3.6	43	15	4.8	0.0
3/10/2023 11:40	3.0	46	17	4.1	0.0
3/10/2023 11:50	3.2	51	16	4.8	0.0
3/10/2023 12:00	3.9	45	14	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/10/2023 12:10	4.4	44	11	5.7	0.0
3/10/2023 12:20	4.2	44	13	5.8	0.0
3/10/2023 12:30	4.2	46	12	5.4	0.0
3/10/2023 12:40	4.1	45	13	5.9	0.0
3/10/2023 12:50	4.3	46	12	5.9	0.0
3/10/2023 13:00	3.9	45	14	5.6	0.0
3/10/2023 13:10	4.3	40	14	5.6	0.0
3/10/2023 13:20	4.6	38	14	6.8	0.0
3/10/2023 13:30	4.0	43	14	5.4	0.0
3/10/2023 13:40	4.3	43	11	5.3	0.0
3/10/2023 13:50	4.0	45	13	5.4	0.0
3/10/2023 14:00	3.7	49	14	4.9	0.0
3/10/2023 14:10	3.8	44	14	5.6	0.0
3/10/2023 14:20	3.8	40	14	5.4	0.0
3/10/2023 14:30	3.4	48	14	4.9	0.0
3/10/2023 14:40	3.6	48	14	5.4	0.0
3/10/2023 14:50	3.6	43	13	5.1	0.0
3/10/2023 15:00	3.3	40	15	4.9	0.0
3/10/2023 15:10	3.4	42	13	4.4	0.0
3/10/2023 15:20	3.5	44	12	4.6	0.0
3/10/2023 15:30	3.6	47	13	4.6	0.0
3/10/2023 15:40	3.6	187	22	5.6	0.0
3/10/2023 15:50	3.5	338	18	4.8	0.0
3/10/2023 16:00	3.3	337	16	4.5	0.0
3/10/2023 16:10	3.7	335	16	4.9	0.0
3/10/2023 16:20	2.9	337	25	4.6	0.0
3/10/2023 16:30	2.4	328	21	4.0	0.0
3/10/2023 16:40	2.8	322	23	4.4	0.0
3/10/2023 16:50	2.1	295	18	2.9	0.0
3/10/2023 17:00	1.8	294	22	2.8	0.0
3/10/2023 17:10	1.8	287	21	2.8	0.0
3/10/2023 17:20	2.4	267	20	3.6	0.0
3/10/2023 17:30	2.4	260	22	3.7	0.0
3/10/2023 17:40	2.8	266	15	4.0	0.0
3/10/2023 17:50	3.2	266	15	4.6	0.0
3/10/2023 18:00	2.7	269	20	4.0	0.0
3/10/2023 18:10	2.4	271	18	3.6	0.0
3/10/2023 18:20	2.8	276	16	4.1	0.0
3/10/2023 18:30	2.7	266	22	4.0	0.0
3/10/2023 18:40	2.6	266	21	4.5	0.0
3/10/2023 18:50	2.8	261	26	4.8	0.0
3/10/2023 19:00	2.7	262	24	4.0	0.0
3/10/2023 19:10	2.5	254	28	4.4	0.0
3/10/2023 19:20	2.6	270	23	3.8	0.0
3/10/2023 19:30	2.8	266	19	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/10/2023 19:40	2.9	271	19	4.4	0.0
3/10/2023 19:50	2.1	270	42	4.2	0.0
3/10/2023 20:00	2.8	273	20	4.7	0.0
3/10/2023 20:10	2.4	273	22	4.5	0.0
3/10/2023 20:20	2.2	278	31	3.7	0.0
3/10/2023 20:30	2.3	267	29	4.0	0.0
3/10/2023 20:40	2.3	268	34	4.4	0.0
3/10/2023 20:50	2.8	280	23	4.4	0.0
3/10/2023 21:00	1.7	259	43	3.3	0.0
3/10/2023 21:10	2.4	266	28	4.4	0.0
3/10/2023 21:20	1.7	248	41	2.8	0.0
3/10/2023 21:30	1.6	230	42	2.8	0.0
3/10/2023 21:40	1.5	230	59	2.8	0.0
3/10/2023 21:50	1.6	216	47	2.8	0.0
3/10/2023 22:00	1.7	249	51	3.6	0.0
3/10/2023 22:10	1.5	232	54	3.2	0.0
3/10/2023 22:20	1.6	218	42	3.4	0.0
3/10/2023 22:30	1.5	255	43	2.7	0.0
3/10/2023 22:40	1.5	244	37	3.1	0.0
3/10/2023 22:50	1.2	201	61	2.0	0.0
3/10/2023 23:00	2.5	219	34	4.2	0.0
3/10/2023 23:10	2.4	222	44	4.8	0.0
3/10/2023 23:20	2.2	241	38	3.9	0.0
3/10/2023 23:30	1.9	211	38	3.9	0.0
3/10/2023 23:40	4.3	200	17	6.3	0.0
3/10/2023 23:50	5.3	204	17	7.9	0.0
4/10/2023 0:00	4.7	200	13	6.2	0.0
4/10/2023 0:10	4.0	201	22	6.4	0.0
4/10/2023 0:20	5.1	198	13	6.8	0.0
4/10/2023 0:30	4.8	197	15	7.2	0.0
4/10/2023 0:40	4.8	193	14	6.9	0.0
4/10/2023 0:50	5.6	194	11	7.8	0.0
4/10/2023 1:00	5.3	198	13	7.2	0.0
4/10/2023 1:10	5.0	200	12	6.8	0.0
4/10/2023 1:20	4.7	197	13	7.0	0.0
4/10/2023 1:30	4.9	198	13	7.3	0.0
4/10/2023 1:40	4.5	194	13	7.2	0.0
4/10/2023 1:50	4.7	189	13	6.8	0.0
4/10/2023 2:00	4.5	195	13	6.6	0.0
4/10/2023 2:10	3.7	203	18	5.7	0.0
4/10/2023 2:20	4.1	203	16	5.8	0.0
4/10/2023 2:30	3.8	205	23	6.4	0.0
4/10/2023 2:40	3.5	206	26	6.2	0.0
4/10/2023 2:50	3.8	203	23	6.0	0.0
4/10/2023 3:00	4.1	199	17	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/10/2023 3:10	4.0	199	16	6.0	0.0
4/10/2023 3:20	4.1	199	14	6.7	0.0
4/10/2023 3:30	5.2	201	13	7.2	0.0
4/10/2023 3:40	4.0	196	14	5.9	0.0
4/10/2023 3:50	3.9	197	16	5.8	0.0
4/10/2023 4:00	4.5	200	15	6.2	0.0
4/10/2023 4:10	4.2	200	12	5.7	0.0
4/10/2023 4:20	3.4	202	19	4.9	0.0
4/10/2023 4:30	3.0	199	16	4.4	0.0
4/10/2023 4:40	2.0	206	30	3.9	0.0
4/10/2023 4:50	1.8	208	28	3.1	0.0
4/10/2023 5:00	3.1	164	29	5.5	0.0
4/10/2023 5:10	3.7	119	18	5.6	0.0
4/10/2023 5:20	3.1	116	17	4.4	0.0
4/10/2023 5:30	2.7	114	19	3.9	0.0
4/10/2023 5:40	2.3	116	14	3.2	0.0
4/10/2023 5:50	1.4	106	14	2.4	0.0
4/10/2023 6:00	0.8	108	9	2.0	0.0
4/10/2023 6:10	1.1	113	21	2.1	0.0
4/10/2023 6:20	1.4	121	31	1.9	0.0
4/10/2023 6:30	0.9	100	25	1.6	0.0
4/10/2023 6:40	0.6	167	32	1.6	0.0
4/10/2023 6:50	1.7	100	26	2.9	0.0
4/10/2023 7:00	2.3	127	23	3.6	0.0
4/10/2023 7:10	2.7	125	18	4.2	0.0
4/10/2023 7:20	2.8	123	24	4.4	0.0
4/10/2023 7:30	2.1	130	33	3.6	0.0
4/10/2023 7:40	3.1	124	21	5.2	0.0
4/10/2023 7:50	3.6	118	18	5.4	0.0
4/10/2023 8:00	2.5	105	29	4.3	0.0
4/10/2023 8:10	2.5	94	27	4.1	0.0
4/10/2023 8:20	3.6	87	17	5.9	0.0
4/10/2023 8:30	4.5	79	13	6.4	0.0
4/10/2023 8:40	4.2	78	17	6.0	0.0
4/10/2023 8:50	4.6	83	13	6.8	0.0
4/10/2023 9:00	4.3	80	12	5.8	0.0
4/10/2023 9:10	4.4	80	12	6.1	0.0
4/10/2023 9:20	4.1	84	13	5.2	0.0
4/10/2023 9:30	3.7	79	16	5.6	0.0
4/10/2023 9:40	4.5	84	16	6.4	0.0
4/10/2023 9:50	4.4	80	17	6.4	0.0
4/10/2023 10:00	4.1	76	15	5.9	0.0
4/10/2023 10:10	4.1	76	13	6.0	0.0
4/10/2023 10:20	4.5	77	13	6.0	0.0
4/10/2023 10:30	3.9	74	16	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/10/2023 10:40	4.0	78	15	5.2	0.0
4/10/2023 10:50	3.5	72	14	5.4	0.0
4/10/2023 11:00	3.7	58	15	5.6	0.0
4/10/2023 11:10	4.9	58	9	6.0	0.0
4/10/2023 11:20	5.1	59	9	6.4	0.0
4/10/2023 11:30	4.6	52	12	6.0	0.0
4/10/2023 11:40	4.6	54	12	6.5	0.0
4/10/2023 11:50	4.2	48	12	6.1	0.0
4/10/2023 12:00	4.9	48	11	6.7	0.0
4/10/2023 12:10	4.3	44	13	6.0	0.0
4/10/2023 12:20	3.8	42	12	5.4	0.0
4/10/2023 12:30	4.0	47	13	5.7	0.0
4/10/2023 12:40	3.9	51	12	5.5	0.0
4/10/2023 12:50	3.9	44	14	5.6	0.0
4/10/2023 13:00	4.3	42	11	6.0	0.0
4/10/2023 13:10	3.9	43	13	5.5	0.0
4/10/2023 13:20	4.0	44	15	5.5	0.0
4/10/2023 13:30	4.3	38	15	6.1	0.0
4/10/2023 13:40	4.5	42	14	6.2	0.0
4/10/2023 13:50	4.3	41	13	5.7	0.0
4/10/2023 14:00	4.4	45	12	5.9	0.0
4/10/2023 14:10	4.6	45	12	6.1	0.0
4/10/2023 14:20	4.4	42	14	6.1	0.0
4/10/2023 14:30	4.1	50	12	5.6	0.0
4/10/2023 14:40	4.0	51	12	5.5	0.0
4/10/2023 14:50	4.1	52	14	5.4	0.0
4/10/2023 15:00	4.0	53	13	5.6	0.0
4/10/2023 15:10	4.2	53	12	5.6	0.0
4/10/2023 15:20	4.0	53	13	5.7	0.0
4/10/2023 15:30	3.8	53	12	5.2	0.0
4/10/2023 15:40	3.6	57	12	4.9	0.0
4/10/2023 15:50	3.4	63	12	4.6	0.0
4/10/2023 16:00	2.7	67	13	3.6	0.0
4/10/2023 16:10	2.4	67	15	3.2	0.0
4/10/2023 16:20	2.7	70	14	3.9	0.0
4/10/2023 16:30	3.1	69	13	4.1	0.0
4/10/2023 16:40	3.0	66	11	3.8	0.0
4/10/2023 16:50	2.5	70	13	3.6	0.0
4/10/2023 17:00	1.9	70	19	2.8	0.0
4/10/2023 17:10	2.0	69	16	2.8	0.0
4/10/2023 17:20	1.7	71	16	2.6	0.0
4/10/2023 17:30	1.0	72	28	1.6	0.0
4/10/2023 17:40	0.8	174	54	1.6	0.0
4/10/2023 17:50	2.4	339	12	3.5	0.0
4/10/2023 18:00	2.5	337	13	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/10/2023 18:10	2.3	339	12	3.3	0.0
4/10/2023 18:20	1.6	326	14	2.2	0.0
4/10/2023 18:30	1.7	324	13	2.4	0.0
4/10/2023 18:40	1.7	320	13	2.4	0.0
4/10/2023 18:50	1.4	316	19	2.0	0.0
4/10/2023 19:00	1.4	299	16	2.4	0.0
4/10/2023 19:10	1.8	283	14	2.4	0.0
4/10/2023 19:20	2.2	298	14	2.9	0.0
4/10/2023 19:30	1.2	287	24	2.0	0.0
4/10/2023 19:40	1.5	284	19	2.2	0.0
4/10/2023 19:50	1.6	284	21	2.0	0.0
4/10/2023 20:00	1.5	292	18	2.3	0.0
4/10/2023 20:10	1.5	273	20	2.6	0.0
4/10/2023 20:20	2.1	233	19	3.3	0.0
4/10/2023 20:30	1.8	250	25	2.8	0.0
4/10/2023 20:40	1.6	216	17	2.8	0.0
4/10/2023 20:50	1.9	243	23	2.6	0.0
4/10/2023 21:00	1.7	253	30	2.8	0.0
4/10/2023 21:10	1.6	238	26	2.5	0.0
4/10/2023 21:20	1.5	207	21	2.4	0.0
4/10/2023 21:30	0.8	215	30	1.6	0.0
4/10/2023 21:40	1.5	200	23	2.3	0.0
4/10/2023 21:50	1.5	212	27	2.5	0.0
4/10/2023 22:00	0.9	208	28	1.8	0.0
4/10/2023 22:10	1.0	244	21	2.2	0.0
4/10/2023 22:20	1.5	199	27	2.7	0.0
4/10/2023 22:30	1.7	203	21	3.2	0.0
4/10/2023 22:40	1.7	210	22	3.0	0.0
4/10/2023 22:50	1.3	219	36	2.8	0.0
4/10/2023 23:00	1.9	237	38	3.6	0.0
4/10/2023 23:10	1.6	236	33	2.8	0.0
4/10/2023 23:20	1.7	242	38	3.5	0.0
4/10/2023 23:30	1.8	253	27	3.8	0.0
4/10/2023 23:40	2.4	219	34	4.3	0.0
4/10/2023 23:50	2.6	207	25	4.2	0.0
5/10/2023 0:00	3.3	198	17	4.8	0.0
5/10/2023 0:10	4.0	198	11	5.6	0.0
5/10/2023 0:20	4.1	196	12	5.6	0.0
5/10/2023 0:30	4.0	194	13	5.6	0.0
5/10/2023 0:40	4.3	191	11	6.2	0.0
5/10/2023 0:50	4.2	195	12	6.2	0.0
5/10/2023 1:00	3.0	211	22	4.4	0.0
5/10/2023 1:10	2.2	208	32	3.7	0.0
5/10/2023 1:20	1.1	240	52	2.6	0.0
5/10/2023 1:30	1.1	277	59	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/10/2023 1:40	1.3	250	49	2.4	0.0
5/10/2023 1:50	1.5	256	57	2.8	0.0
5/10/2023 2:00	0.7	12	23	1.5	0.0
5/10/2023 2:10	0.6	23	21	1.2	0.0
5/10/2023 2:20					0.0
5/10/2023 2:30	0.4	336	4	2.2	0.0
5/10/2023 2:40	1.5	270	50	2.4	0.0
5/10/2023 2:50	1.7	270	12	2.2	0.0
5/10/2023 3:00	2.1	218	54	4.3	0.0
5/10/2023 3:10	2.3	217	41	4.3	0.0
5/10/2023 3:20	4.2	195	17	6.0	0.0
5/10/2023 3:30	4.4	186	13	6.4	0.0
5/10/2023 3:40	5.9	181	11	7.5	0.0
5/10/2023 3:50	7.3	180	10	9.4	0.0
5/10/2023 4:00	7.4	180	12	9.1	0.0
5/10/2023 4:10	7.7	184	11	10.0	0.0
5/10/2023 4:20	7.4	184	11	9.6	0.0
5/10/2023 4:30	7.3	181	10	8.7	0.0
5/10/2023 4:40	7.0	181	10	8.8	0.0
5/10/2023 4:50	6.7	180	10	8.4	0.0
5/10/2023 5:00	6.3	180	10	7.9	0.0
5/10/2023 5:10	6.4	178	10	8.3	0.0
5/10/2023 5:20	5.9	180	11	7.7	0.0
5/10/2023 5:30	5.0	184	12	7.5	0.0
5/10/2023 5:40	5.4	181	12	7.3	0.0
5/10/2023 5:50	5.6	180	11	7.9	0.0
5/10/2023 6:00	4.2	191	14	5.7	0.0
5/10/2023 6:10	4.8	184	13	6.6	0.0
5/10/2023 6:20	5.2	167	17	6.9	0.0
5/10/2023 6:30	3.2	129	19	6.0	0.0
5/10/2023 6:40	3.1	116	24	5.0	0.0
5/10/2023 6:50	2.6	107	26	4.1	0.0
5/10/2023 7:00	2.2	112	23	4.0	0.0
5/10/2023 7:10	1.7	91	24	3.2	0.0
5/10/2023 7:20	1.8	98	16	2.9	0.0
5/10/2023 7:30	2.1	77	15	3.3	0.0
5/10/2023 7:40	1.6	43	17	2.3	0.0
5/10/2023 7:50	1.5	62	21	2.4	0.0
5/10/2023 8:00	2.0	85	18	3.0	0.0
5/10/2023 8:10	2.6	62	11	3.2	0.0
5/10/2023 8:20	2.0	66	21	3.0	0.0
5/10/2023 8:30	3.0	62	14	4.0	0.0
5/10/2023 8:40	2.5	69	24	4.2	0.0
5/10/2023 8:50	2.6	65	17	3.7	0.0
5/10/2023 9:00	2.5	69	17	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/10/2023 9:10	2.3	58	15	3.2	0.0
5/10/2023 9:20	3.4	87	18	5.2	0.0
5/10/2023 9:30	3.6	81	16	5.2	0.0
5/10/2023 9:40	3.6	76	15	4.8	0.0
5/10/2023 9:50	2.9	71	17	4.3	0.0
5/10/2023 10:00	3.3	80	16	4.4	0.0
5/10/2023 10:10	3.4	71	15	4.8	0.0
5/10/2023 10:20	3.2	66	16	4.6	0.0
5/10/2023 10:30	3.2	65	18	4.8	0.0
5/10/2023 10:40	3.6	55	12	4.6	0.0
5/10/2023 10:50	3.5	62	16	4.8	0.0
5/10/2023 11:00	2.8	68	20	4.0	0.0
5/10/2023 11:10	2.5	62	23	3.9	0.0
5/10/2023 11:20	2.8	63	17	3.7	0.0
5/10/2023 11:30	2.6	64	17	3.6	0.0
5/10/2023 11:40	2.7	50	15	3.5	0.0
5/10/2023 11:50	2.6	58	13	3.5	0.0
5/10/2023 12:00	2.4	54	17	3.3	0.0
5/10/2023 12:10	2.6	55	15	3.3	0.0
5/10/2023 12:20	2.8	48	11	3.8	0.0
5/10/2023 12:30	2.8	48	10	3.9	0.0
5/10/2023 12:40	3.0	59	9	3.9	0.0
5/10/2023 12:50	3.0	65	9	3.8	0.0
5/10/2023 13:00	3.1	52	12	4.2	0.0
5/10/2023 13:10	3.2	61	10	4.0	0.0
5/10/2023 13:20	3.0	63	11	3.7	0.0
5/10/2023 13:30	2.7	65	12	3.7	0.0
5/10/2023 13:40	2.7	68	13	3.6	0.0
5/10/2023 13:50	2.7	51	17	3.7	0.0
5/10/2023 14:00	3.1	44	17	4.2	0.0
5/10/2023 14:10	3.4	44	18	4.7	0.0
5/10/2023 14:20	3.8	48	14	5.2	0.0
5/10/2023 14:30	4.1	47	13	5.6	0.0
5/10/2023 14:40	3.9	40	15	6.2	0.0
5/10/2023 14:50	4.1	43	14	5.6	0.0
5/10/2023 15:00	4.0	48	12	5.2	0.0
5/10/2023 15:10	3.4	62	16	4.7	0.0
5/10/2023 15:20	3.4	55	12	5.0	0.0
5/10/2023 15:30	3.5	57	12	4.6	0.0
5/10/2023 15:40	3.6	196	15	4.8	0.0
5/10/2023 15:50	4.5	338	14	5.9	0.0
5/10/2023 16:00	4.3	337	11	6.3	0.0
5/10/2023 16:10	3.9	338	14	5.3	0.0
5/10/2023 16:20	4.1	343	13	5.6	0.0
5/10/2023 16:30	4.1	348	14	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/10/2023 16:40	4.0	336	13	5.4	0.0
5/10/2023 16:50	3.3	345	14	4.5	0.0
5/10/2023 17:00	3.2	327	16	4.8	0.0
5/10/2023 17:10	2.9	322	18	4.5	0.0
5/10/2023 17:20	2.0	282	24	3.2	0.0
5/10/2023 17:30	1.7	294	28	2.7	0.0
5/10/2023 17:40	1.8	281	23	2.9	0.0
5/10/2023 17:50	2.2	271	22	3.2	0.0
5/10/2023 18:00	2.3	275	23	3.4	0.0
5/10/2023 18:10	2.4	266	19	4.0	0.0
5/10/2023 18:20	2.1	263	21	3.2	0.0
5/10/2023 18:30	2.3	259	17	3.6	0.0
5/10/2023 18:40	2.5	258	20	3.6	0.0
5/10/2023 18:50	2.5	267	16	4.0	0.0
5/10/2023 19:00	2.3	268	19	3.7	0.0
5/10/2023 19:10	2.4	259	16	3.8	0.0
5/10/2023 19:20	2.5	260	18	3.9	0.0
5/10/2023 19:30	2.2	260	21	3.5	0.0
5/10/2023 19:40	2.4	248	22	3.8	0.0
5/10/2023 19:50	1.8	242	30	3.2	0.0
5/10/2023 20:00	1.7	233	35	2.8	0.0
5/10/2023 20:10	2.1	236	22	3.2	0.0
5/10/2023 20:20	2.3	251	27	3.6	0.0
5/10/2023 20:30	2.1	257	23	3.3	0.0
5/10/2023 20:40	1.9	253	20	3.3	0.0
5/10/2023 20:50	2.0	251	23	2.8	0.0
5/10/2023 21:00	2.1	255	22	3.0	0.0
5/10/2023 21:10	1.9	262	27	3.2	0.0
5/10/2023 21:20	1.6	237	34	2.6	0.0
5/10/2023 21:30	2.2	214	22	3.5	0.0
5/10/2023 21:40	1.9	270	25	3.3	0.0
5/10/2023 21:50	0.8	299	33	1.7	0.0
5/10/2023 22:00	1.1	191	15	2.0	0.0
5/10/2023 22:10	1.1	176	38	2.2	0.0
5/10/2023 22:20	2.2	196	22	3.7	0.0
5/10/2023 22:30	3.2	201	16	4.4	0.0
5/10/2023 22:40	3.2	200	12	4.2	0.0
5/10/2023 22:50	2.5	200	14	3.7	0.0
5/10/2023 23:00	1.3	217	40	2.8	0.0
5/10/2023 23:10	1.5	202	29	2.8	0.0
5/10/2023 23:20	1.2	237	45	2.4	0.0
5/10/2023 23:30	0.9	284	61	2.0	0.0
5/10/2023 23:40	1.2	238	50	2.7	0.0
5/10/2023 23:50	1.5	280	36	2.2	0.0
6/10/2023 0:00	2.0	292	16	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/10/2023 0:10	1.5	290	16	2.0	0.0
6/10/2023 0:20	1.4	288	18	2.1	0.0
6/10/2023 0:30	1.7	281	17	2.5	0.0
6/10/2023 0:40	1.2	294	60	2.5	0.0
6/10/2023 0:50	1.3	256	53	2.5	0.0
6/10/2023 1:00	1.3	220	62	2.7	0.0
6/10/2023 1:10	2.9	205	25	4.7	0.0
6/10/2023 1:20	3.4	206	18	5.1	0.0
6/10/2023 1:30	4.2	198	12	5.8	0.0
6/10/2023 1:40	4.3	196	14	6.2	0.0
6/10/2023 1:50	4.1	197	13	5.8	0.0
6/10/2023 2:00	4.2	191	13	6.5	0.0
6/10/2023 2:10	4.5	196	14	6.5	0.0
6/10/2023 2:20	4.2	196	14	5.6	0.0
6/10/2023 2:30	4.4	197	14	6.0	0.0
6/10/2023 2:40	3.6	196	12	5.5	0.0
6/10/2023 2:50	2.9	192	15	4.4	0.0
6/10/2023 3:00	2.5	198	14	3.7	0.0
6/10/2023 3:10	2.3	202	17	3.2	0.0
6/10/2023 3:20	2.6	179	13	3.7	0.1
6/10/2023 3:30	2.4	190	11	3.5	0.2
6/10/2023 3:40	2.9	190	11	4.0	0.2
6/10/2023 3:50	2.8	190	11	3.9	0.3
6/10/2023 4:00	2.9	195	12	4.4	0.1
6/10/2023 4:10	2.5	206	12	3.6	0.0
6/10/2023 4:20	1.6	226	20	2.3	0.1
6/10/2023 4:30	1.6	289	16	2.1	0.0
6/10/2023 4:40	1.8	278	10	2.4	0.0
6/10/2023 4:50	1.8	273	10	2.4	0.1
6/10/2023 5:00	1.1	283	17	1.7	0.0
6/10/2023 5:10	1.6	297	10	2.0	0.0
6/10/2023 5:20	0.6	204	24	1.2	0.0
6/10/2023 5:30	0.3	196	22	1.0	0.0
6/10/2023 5:40	0.5	189	4	1.0	0.0
6/10/2023 5:50	0.7	214	27	1.6	0.0
6/10/2023 6:00	1.3	132	43	2.0	0.0
6/10/2023 6:10	0.5	328	10	1.0	0.0
6/10/2023 6:20	0.1	190	2	0.9	0.0
6/10/2023 6:30	0.2	168	43	0.9	0.0
6/10/2023 6:40	0.4	322	9	0.8	0.0
6/10/2023 6:50	0.1	210	18	1.1	0.0
6/10/2023 7:00	2.0	200	18	3.0	0.0
6/10/2023 7:10	0.7	190	53	1.2	0.0
6/10/2023 7:20	2.9	196	13	4.0	0.0
6/10/2023 7:30	2.3	174	20	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/10/2023 7:40	1.9	141	28	3.1	0.0
6/10/2023 7:50	2.3	141	23	3.6	0.0
6/10/2023 8:00	2.2	137	29	4.8	0.0
6/10/2023 8:10	3.0	125	33	5.2	0.0
6/10/2023 8:20	3.3	116	23	5.8	0.0
6/10/2023 8:30	3.0	120	20	4.5	0.0
6/10/2023 8:40	2.8	113	22	4.7	0.0
6/10/2023 8:50	2.5	86	21	4.0	0.0
6/10/2023 9:00	3.3	76	13	5.0	0.0
6/10/2023 9:10	4.0	79	14	5.5	0.0
6/10/2023 9:20	3.9	83	12	5.4	0.0
6/10/2023 9:30	3.8	84	13	5.0	0.0
6/10/2023 9:40	4.1	85	12	5.7	0.0
6/10/2023 9:50	4.1	85	15	6.4	0.0
6/10/2023 10:00	4.5	85	11	5.9	0.0
6/10/2023 10:10	4.5	87	15	6.0	0.0
6/10/2023 10:20	4.4	87	14	6.6	0.0
6/10/2023 10:30	3.3	75	15	4.6	0.0
6/10/2023 10:40	4.0	57	11	5.2	0.0
6/10/2023 10:50	4.3	57	11	5.6	0.0
6/10/2023 11:00	3.8	52	14	5.5	0.0
6/10/2023 11:10	3.9	58	13	5.2	0.0
6/10/2023 11:20	4.3	48	13	5.9	0.0
6/10/2023 11:30	4.1	52	14	5.5	0.0
6/10/2023 11:40	4.0	49	15	5.3	0.0
6/10/2023 11:50	3.7	54	13	4.7	0.0
6/10/2023 12:00	3.8	53	14	5.1	0.0
6/10/2023 12:10	3.5	59	13	4.8	0.0
6/10/2023 12:20	3.5	65	12	4.4	0.0
6/10/2023 12:30	3.3	65	11	4.4	0.0
6/10/2023 12:40	3.1	64	14	4.3	0.0
6/10/2023 12:50	3.0	62	13	3.9	0.0
6/10/2023 13:00	2.5	60	20	3.6	0.0
6/10/2023 13:10	2.6	57	18	3.6	0.0
6/10/2023 13:20	3.1	50	15	4.0	0.0
6/10/2023 13:30	2.8	45	18	3.6	0.0
6/10/2023 13:40	2.7	61	16	3.6	0.0
6/10/2023 13:50	2.8	66	15	3.6	0.0
6/10/2023 14:00	2.5	59	19	4.0	0.0
6/10/2023 14:10	2.4	58	19	3.7	0.0
6/10/2023 14:20	2.6	52	17	4.2	0.0
6/10/2023 14:30	3.0	53	14	4.2	0.0
6/10/2023 14:40	2.9	59	15	3.9	0.0
6/10/2023 14:50	3.0	62	14	4.0	0.0
6/10/2023 15:00	2.7	63	13	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/10/2023 15:10	2.8	61	12	3.6	0.0
6/10/2023 15:20	2.9	62	14	4.0	0.0
6/10/2023 15:30	2.4	59	14	3.3	0.0
6/10/2023 15:40	2.5	55	14	3.3	0.0
6/10/2023 15:50	2.7	55	15	4.2	0.0
6/10/2023 16:00	2.8	46	13	3.9	0.0
6/10/2023 16:10	3.5	22	15	4.7	0.0
6/10/2023 16:20	2.7	24	16	4.1	0.0
6/10/2023 16:30	3.2	343	15	4.6	0.0
6/10/2023 16:40	3.7	341	12	4.9	0.0
6/10/2023 16:50	3.8	349	13	4.9	0.0
6/10/2023 17:00	3.0	344	14	4.4	0.0
6/10/2023 17:10	2.2	333	16	3.5	0.0
6/10/2023 17:20	2.7	326	15	3.5	0.0
6/10/2023 17:30	1.9	295	23	3.2	0.0
6/10/2023 17:40	2.2	276	21	3.5	0.0
6/10/2023 17:50	2.3	268	20	3.6	0.0
6/10/2023 18:00	2.4	289	17	3.6	0.0
6/10/2023 18:10	2.3	291	16	3.3	0.0
6/10/2023 18:20	2.2	280	18	3.3	0.0
6/10/2023 18:30	2.4	274	18	3.8	0.0
6/10/2023 18:40	2.4	263	16	3.6	0.0
6/10/2023 18:50	2.3	266	17	3.3	0.0
6/10/2023 19:00	2.3	266	17	3.2	0.0
6/10/2023 19:10	2.0	230	28	3.2	0.0
6/10/2023 19:20	2.7	216	20	3.8	0.0
6/10/2023 19:30	2.7	216	16	3.6	0.0
6/10/2023 19:40	2.2	224	23	3.3	0.0
6/10/2023 19:50	1.8	239	32	2.9	0.0
6/10/2023 20:00	1.1	223	38	1.9	0.0
6/10/2023 20:10	1.5	287	21	2.3	0.0
6/10/2023 20:20	1.5	284	26	2.3	0.0
6/10/2023 20:30	1.3	274	22	2.1	0.0
6/10/2023 20:40	0.9	241	35	2.0	0.0
6/10/2023 20:50	1.1	236	25	2.2	0.0
6/10/2023 21:00	1.2	229	31	2.0	0.0
6/10/2023 21:10	1.4	275	28	2.1	0.0
6/10/2023 21:20	1.4	219	25	2.4	0.0
6/10/2023 21:30	1.7	223	25	3.1	0.0
6/10/2023 21:40	1.0	213	41	2.1	0.0
6/10/2023 21:50	0.7	223	49	1.7	0.0
6/10/2023 22:00	1.0	251	56	2.2	0.0
6/10/2023 22:10	1.4	281	30	2.0	0.0
6/10/2023 22:20	1.4	277	30	2.4	0.0
6/10/2023 22:30	1.5	287	33	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/10/2023 22:40	1.2	287	40	2.3	0.0
6/10/2023 22:50	0.8	237	47	2.0	0.0
6/10/2023 23:00	0.9	8	64	1.6	0.0
6/10/2023 23:10	1.3	251	52	2.8	0.0
6/10/2023 23:20	1.3	308	44	1.8	0.0
6/10/2023 23:30	1.6	248	38	3.2	0.0
6/10/2023 23:40	1.8	213	31	2.9	0.0
6/10/2023 23:50	3.1	200	21	4.8	0.0
7/10/2023 0:00	2.8	198	19	5.0	0.0
7/10/2023 0:10	3.2	198	16	4.7	0.0
7/10/2023 0:20	2.5	201	25	4.0	0.0
7/10/2023 0:30	2.2	207	42	3.8	0.0
7/10/2023 0:40	3.3	197	20	4.7	0.0
7/10/2023 0:50	3.4	195	16	4.9	0.0
7/10/2023 1:00	3.4	195	15	5.2	0.0
7/10/2023 1:10	3.7	160	22	6.9	0.0
7/10/2023 1:20	2.7	181	22	4.3	0.0
7/10/2023 1:30	3.1	183	26	5.0	0.0
7/10/2023 1:40	2.6	185	22	4.3	0.0
7/10/2023 1:50	2.2	181	25	3.6	0.0
7/10/2023 2:00	2.4	182	23	3.4	0.0
7/10/2023 2:10	2.9	194	13	4.0	0.0
7/10/2023 2:20	3.6	191	13	5.0	0.0
7/10/2023 2:30	3.9	195	11	5.5	0.0
7/10/2023 2:40	3.4	197	12	5.1	0.0
7/10/2023 2:50	3.7	199	12	5.2	0.0
7/10/2023 3:00	3.8	196	11	5.2	0.0
7/10/2023 3:10	3.5	189	13	5.1	0.0
7/10/2023 3:20	3.9	194	12	5.5	0.0
7/10/2023 3:30	3.5	192	13	5.0	0.0
7/10/2023 3:40	3.5	190	11	5.2	0.0
7/10/2023 3:50	3.7	187	11	5.1	0.0
7/10/2023 4:00	3.2	192	13	4.8	0.0
7/10/2023 4:10	3.2	198	13	4.5	0.0
7/10/2023 4:20	3.7	197	12	5.1	0.0
7/10/2023 4:30	3.8	191	13	5.6	0.0
7/10/2023 4:40	4.1	194	11	5.6	0.0
7/10/2023 4:50	4.5	196	10	6.0	0.0
7/10/2023 5:00	4.5	197	11	5.8	0.0
7/10/2023 5:10	4.1	199	12	5.3	0.0
7/10/2023 5:20	4.2	198	14	5.8	0.0
7/10/2023 5:30	3.7	195	12	5.3	0.0
7/10/2023 5:40	4.1	198	12	5.6	0.0
7/10/2023 5:50	4.2	199	13	5.8	0.0
7/10/2023 6:00	4.9	196	14	6.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/10/2023 6:10	5.0	195	13	6.4	0.0
7/10/2023 6:20	5.0	194	12	6.5	0.0
7/10/2023 6:30	5.0	192	13	6.8	0.0
7/10/2023 6:40	4.8	190	14	7.0	0.0
7/10/2023 6:50	5.1	191	13	7.0	0.0
7/10/2023 7:00	4.6	188	15	6.9	0.0
7/10/2023 7:10	3.9	178	21	6.3	0.0
7/10/2023 7:20	3.6	173	19	5.9	0.0
7/10/2023 7:30	3.3	154	22	5.6	0.0
7/10/2023 7:40	3.6	132	23	6.2	0.0
7/10/2023 7:50	3.0	140	25	5.6	0.0
7/10/2023 8:00	2.7	116	27	4.9	0.0
7/10/2023 8:10	2.8	89	23	4.4	0.0
7/10/2023 8:20	2.8	122	29	5.0	0.0
7/10/2023 8:30	3.3	131	25	5.2	0.0
7/10/2023 8:40	2.9	118	20	4.5	0.0
7/10/2023 8:50	2.9	94	22	5.7	0.0
7/10/2023 9:00	3.3	84	17	5.2	0.0
7/10/2023 9:10	3.3	71	17	5.0	0.0
7/10/2023 9:20	2.7	56	17	4.0	0.0
7/10/2023 9:30	4.0	78	16	5.3	0.0
7/10/2023 9:40	3.5	80	15	5.2	0.0
7/10/2023 9:50	3.9	78	13	5.5	0.0
7/10/2023 10:00	4.0	74	14	5.6	0.0
7/10/2023 10:10	3.3	74	18	4.8	0.0
7/10/2023 10:20	3.2	68	19	4.5	0.0
7/10/2023 10:30	3.4	80	16	5.0	0.0
7/10/2023 10:40	3.7	73	12	5.1	0.0
7/10/2023 10:50	3.9	70	14	5.6	0.0
7/10/2023 11:00	3.5	77	16	4.8	0.0
7/10/2023 11:10	3.8	57	14	5.4	0.0
7/10/2023 11:20	3.6	57	14	5.1	0.0
7/10/2023 11:30	4.4	52	9	5.9	0.0
7/10/2023 11:40	3.9	56	13	5.2	0.0
7/10/2023 11:50	3.6	41	13	4.8	0.0
7/10/2023 12:00	3.7	43	16	5.2	0.0
7/10/2023 12:10	3.5	49	13	4.6	0.0
7/10/2023 12:20	3.3	65	14	4.4	0.0
7/10/2023 12:30	3.5	49	12	4.8	0.0
7/10/2023 12:40	3.2	48	13	4.1	0.0
7/10/2023 12:50	3.2	43	13	4.4	0.0
7/10/2023 13:00	3.0	48	14	4.3	0.0
7/10/2023 13:10	3.1	51	16	4.4	0.0
7/10/2023 13:20	3.2	50	12	4.0	0.0
7/10/2023 13:30	3.2	49	14	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/10/2023 13:40	3.2	50	14	4.2	0.0
7/10/2023 13:50	3.2	52	15	4.6	0.0
7/10/2023 14:00	3.5	53	14	5.1	0.0
7/10/2023 14:10	3.6	49	12	5.2	0.0
7/10/2023 14:20	3.7	60	14	4.8	0.0
7/10/2023 14:30	3.8	57	13	4.9	0.0
7/10/2023 14:40	4.0	50	13	5.2	0.0
7/10/2023 14:50	4.6	51	13	6.1	0.0
7/10/2023 15:00	4.2	51	12	5.8	0.0
7/10/2023 15:10	3.6	54	12	5.0	0.0
7/10/2023 15:20	3.6	57	13	4.7	0.0
7/10/2023 15:30	3.4	53	11	4.9	0.0
7/10/2023 15:40	3.6	58	12	4.8	0.0
7/10/2023 15:50	3.3	54	11	4.3	0.0
7/10/2023 16:00	3.4	55	11	4.8	0.0
7/10/2023 16:10	3.5	59	12	4.6	0.0
7/10/2023 16:20	3.1	57	14	4.3	0.0
7/10/2023 16:30	2.8	59	13	3.9	0.0
7/10/2023 16:40	2.8	56	13	4.0	0.0
7/10/2023 16:50	2.7	61	12	3.8	0.0
7/10/2023 17:00	2.9	63	13	3.8	0.0
7/10/2023 17:10	2.1	55	15	3.6	0.0
7/10/2023 17:20	1.2	153	44	2.4	0.0
7/10/2023 17:30	0.7	175	29	1.1	0.0
7/10/2023 17:40	1.9	353	20	3.2	0.0
7/10/2023 17:50	2.3	354	13	3.2	0.0
7/10/2023 18:00	2.1	355	14	3.3	0.0
7/10/2023 18:10	1.2	338	13	1.7	0.0
7/10/2023 18:20	1.4	331	9	1.9	0.0
7/10/2023 18:30	1.2	321	12	1.8	0.0
7/10/2023 18:40	0.7	300	17	1.4	0.0
7/10/2023 18:50	0.8	309	28	1.6	0.0
7/10/2023 19:00	1.2	329	12	1.6	0.0
7/10/2023 19:10	1.1	322	10	1.6	0.0
7/10/2023 19:20	1.4	281	19	2.8	0.0
7/10/2023 19:30	1.6	279	14	2.5	0.0
7/10/2023 19:40	1.5	283	14	2.1	0.0
7/10/2023 19:50	1.2	269	17	2.0	0.0
7/10/2023 20:00	0.5	270	25	1.2	0.0
7/10/2023 20:10	0.5	357	11	1.5	0.0
7/10/2023 20:20					0.0
7/10/2023 20:30	0.7	336	9	1.4	0.0
7/10/2023 20:40	0.3	151	9	1.2	0.0
7/10/2023 20:50	0.6	274	28	1.2	0.0
7/10/2023 21:00	0.1	337	5	0.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/10/2023 21:10	0.6	297	13	1.4	0.0
7/10/2023 21:20					0.0
7/10/2023 21:30	0.7	291	15	1.3	0.0
7/10/2023 21:40	0.0	176	0	0.5	0.0
7/10/2023 21:50	0.4	139	13	1.4	0.0
7/10/2023 22:00	1.0	261	8	1.8	0.0
7/10/2023 22:10					0.0
7/10/2023 22:20	2.3	202	11	3.6	0.0
7/10/2023 22:30	3.3	204	11	4.4	0.0
7/10/2023 22:40	3.6	204	9	4.7	0.0
7/10/2023 22:50	2.7	204	11	3.5	0.0
7/10/2023 23:00	1.9	199	12	2.9	0.0
7/10/2023 23:10	1.4	212	19	2.0	0.0
7/10/2023 23:20	1.2	250	31	2.1	0.0
7/10/2023 23:30	2.1	205	16	3.6	0.0
7/10/2023 23:40	1.8	205	16	2.7	0.0
7/10/2023 23:50	1.6	199	12	2.4	0.0
8/10/2023 0:00	1.2	273	24	2.0	0.0
8/10/2023 0:10	1.0	334	7	1.4	0.0
8/10/2023 0:20					0.0
8/10/2023 0:30	0.4	16	33	1.3	0.0
8/10/2023 0:40	0.2	3	8	1.1	0.0
8/10/2023 0:50					0.0
8/10/2023 1:00	1.8	209	32	3.6	0.0
8/10/2023 1:10	2.2	280	26	2.8	0.0
8/10/2023 1:20	2.0	281	8	2.4	0.0
8/10/2023 1:30	1.0	280	16	1.6	0.0
8/10/2023 1:40	0.0	53	0	0.4	0.0
8/10/2023 1:50	0.3	349	3	0.8	0.0
8/10/2023 2:00	0.4	359	11	0.9	0.0
8/10/2023 2:10	0.8	167	15	1.6	0.0
8/10/2023 2:20	0.8	256	10	1.6	0.0
8/10/2023 2:30	0.7	264	6	2.0	0.0
8/10/2023 2:40	0.7	211	16	1.6	0.0
8/10/2023 2:50	0.2	311	7	1.3	0.0
8/10/2023 3:00	1.0	318	11	1.6	0.0
8/10/2023 3:10	1.8	194	14	4.1	0.0
8/10/2023 3:20	2.0	259	30	3.1	0.0
8/10/2023 3:30	0.4	257	49	1.0	0.0
8/10/2023 3:40	0.3	180	16	1.2	0.0
8/10/2023 3:50	1.0	1	56	1.6	0.0
8/10/2023 4:00	0.5	224	24	1.6	0.0
8/10/2023 4:10	0.8	21	26	1.9	0.0
8/10/2023 4:20	1.2	331	27	1.6	0.0
8/10/2023 4:30	0.8	257	25	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/10/2023 4:40	2.0	234	53	3.3	0.0
8/10/2023 4:50	0.7	273	7	1.6	0.0
8/10/2023 5:00	0.5	150	12	1.6	0.0
8/10/2023 5:10	0.9	198	38	2.1	0.0
8/10/2023 5:20	0.8	153	29	1.4	0.0
8/10/2023 5:30	0.9	94	28	2.1	0.0
8/10/2023 5:40	1.4	93	36	2.4	0.0
8/10/2023 5:50	0.5	129	21	1.3	0.0
8/10/2023 6:00	2.0	154	12	2.8	0.0
8/10/2023 6:10	1.1	136	18	2.4	0.0
8/10/2023 6:20	0.9	108	34	2.4	0.0
8/10/2023 6:30	1.8	137	20	2.7	0.0
8/10/2023 6:40	1.2	128	26	2.0	0.0
8/10/2023 6:50					0.0
8/10/2023 7:00	1.2	129	17	2.5	0.0
8/10/2023 7:10	1.6	143	17	2.4	0.0
8/10/2023 7:20	1.7	116	19	2.9	0.0
8/10/2023 7:30	2.0	127	16	2.7	0.0
8/10/2023 7:40	1.8	119	15	2.9	0.0
8/10/2023 7:50	2.2	105	10	2.9	0.0
8/10/2023 8:00	2.5	101	14	3.3	0.0
8/10/2023 8:10	2.2	115	20	3.2	0.0
8/10/2023 8:20	2.4	111	15	3.6	0.0
8/10/2023 8:30	2.3	110	15	3.6	0.0
8/10/2023 8:40	1.9	128	27	2.8	0.0
8/10/2023 8:50	2.3	99	13	3.2	0.0
8/10/2023 9:00	2.3	100	17	3.3	0.0
8/10/2023 9:10	2.3	84	14	3.0	0.0
8/10/2023 9:20	3.0	60	12	3.7	0.0
8/10/2023 9:30	2.5	58	14	3.4	0.0
8/10/2023 9:40	2.5	61	15	3.6	0.0
8/10/2023 9:50	2.7	53	13	3.7	0.0
8/10/2023 10:00	2.7	61	19	3.8	0.0
8/10/2023 10:10	2.3	68	23	3.3	0.0
8/10/2023 10:20	2.3	54	19	3.1	0.0
8/10/2023 10:30	2.7	58	12	3.5	0.0
8/10/2023 10:40	3.2	60	13	4.2	0.0
8/10/2023 10:50	3.2	62	12	4.2	0.0
8/10/2023 11:00	3.2	61	14	4.1	0.0
8/10/2023 11:10	3.4	50	13	4.4	0.0
8/10/2023 11:20	3.4	48	14	4.7	0.0
8/10/2023 11:30	3.6	54	12	4.8	0.0
8/10/2023 11:40	3.4	62	15	4.4	0.0
8/10/2023 11:50	3.5	57	11	4.7	0.0
8/10/2023 12:00	3.5	59	11	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/10/2023 12:10	3.6	62	14	4.8	0.0
8/10/2023 12:20	3.8	58	14	5.2	0.0
8/10/2023 12:30	3.7	54	14	4.7	0.0
8/10/2023 12:40	3.6	49	13	4.8	0.0
8/10/2023 12:50	3.7	45	16	4.9	0.0
8/10/2023 13:00	3.6	47	15	4.8	0.0
8/10/2023 13:10	3.7	44	16	5.0	0.0
8/10/2023 13:20	3.7	49	15	5.0	0.0
8/10/2023 13:30	3.6	48	14	5.3	0.0
8/10/2023 13:40	3.7	50	12	4.9	0.0
8/10/2023 13:50	4.0	50	12	5.2	0.0
8/10/2023 14:00	4.1	48	12	5.3	0.0
8/10/2023 14:10	4.4	45	14	6.1	0.0
8/10/2023 14:20	4.2	41	12	6.0	0.0
8/10/2023 14:30	3.8	42	14	5.1	0.0
8/10/2023 14:40	4.3	43	13	5.7	0.0
8/10/2023 14:50	4.4	39	14	6.2	0.0
8/10/2023 15:00	4.3	41	14	6.0	0.0
8/10/2023 15:10	4.6	43	12	6.0	0.0
8/10/2023 15:20	4.5	47	13	6.0	0.0
8/10/2023 15:30	4.3	51	12	5.9	0.0
8/10/2023 15:40	4.1	53	14	5.9	0.0
8/10/2023 15:50	4.2	50	12	6.1	0.0
8/10/2023 16:00	4.1	45	14	5.9	0.0
8/10/2023 16:10	4.1	45	11	5.6	0.0
8/10/2023 16:20	3.7	46	13	5.0	0.0
8/10/2023 16:30	3.6	47	11	5.0	0.0
8/10/2023 16:40	3.7	48	12	5.4	0.0
8/10/2023 16:50	3.6	43	11	4.9	0.0
8/10/2023 17:00	3.0	39	14	4.2	0.0
8/10/2023 17:10	3.1	25	13	5.1	0.0
8/10/2023 17:20	3.4	32	11	4.5	0.0
8/10/2023 17:30	2.8	33	13	3.8	0.0
8/10/2023 17:40	2.8	43	13	3.7	0.0
8/10/2023 17:50	3.2	28	16	4.7	0.0
8/10/2023 18:00	3.2	8	16	5.7	0.0
8/10/2023 18:10	2.9	181	13	4.3	0.0
8/10/2023 18:20	2.9	358	15	4.4	0.0
8/10/2023 18:30	3.3	181	14	4.4	0.0
8/10/2023 18:40	3.6	2	13	5.3	0.0
8/10/2023 18:50	2.7	4	12	3.8	0.0
8/10/2023 19:00	2.7	6	14	3.9	0.0
8/10/2023 19:10	2.0	2	16	3.0	0.0
8/10/2023 19:20	1.1	7	34	2.0	0.0
8/10/2023 19:30	1.1	342	27	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/10/2023 19:40	1.0	351	28	1.9	0.0
8/10/2023 19:50	0.5	340	14	2.0	0.0
8/10/2023 20:00	1.1	320	17	1.7	0.0
8/10/2023 20:10	1.5	307	19	2.5	0.0
8/10/2023 20:20	0.6	304	13	2.6	0.0
8/10/2023 20:30	1.7	338	21	3.2	0.0
8/10/2023 20:40	1.8	240	24	2.8	0.0
8/10/2023 20:50	2.3	233	18	3.8	0.0
8/10/2023 21:00	2.1	233	22	3.6	0.0
8/10/2023 21:10	2.2	216	18	3.2	0.0
8/10/2023 21:20	1.4	214	23	2.2	0.0
8/10/2023 21:30	1.2	236	25	1.8	0.0
8/10/2023 21:40	1.7	248	23	2.7	0.0
8/10/2023 21:50	1.8	240	23	2.7	0.0
8/10/2023 22:00	1.6	216	20	2.3	0.0
8/10/2023 22:10	2.1	213	16	2.9	0.0
8/10/2023 22:20	2.5	211	11	3.4	0.0
8/10/2023 22:30	2.1	211	13	2.8	0.0
8/10/2023 22:40	1.9	210	12	2.6	0.0
8/10/2023 22:50	1.3	223	42	2.0	0.0
8/10/2023 23:00	0.8	190	15	1.3	0.0
8/10/2023 23:10	0.7	210	12	1.6	0.0
8/10/2023 23:20					0.0
8/10/2023 23:30					0.0
8/10/2023 23:40					0.0
8/10/2023 23:50	0.4	251	5	2.8	0.0
9/10/2023 0:00	1.1	136	51	1.9	0.0
9/10/2023 0:10	1.3	265	23	2.0	0.0
9/10/2023 0:20	1.6	204	9	2.1	0.0
9/10/2023 0:30	0.9	309	34	1.4	0.0
9/10/2023 0:40	1.9	204	12	2.8	0.0
9/10/2023 0:50	1.7	279	26	2.2	0.0
9/10/2023 1:00	0.8	236	35	1.4	0.0
9/10/2023 1:10	0.0	227	0	0.8	0.0
9/10/2023 1:20					0.0
9/10/2023 1:30					0.0
9/10/2023 1:40					0.0
9/10/2023 1:50					0.0
9/10/2023 2:00	2.0	96	15	3.3	0.0
9/10/2023 2:10	1.2	145	18	2.4	0.0
9/10/2023 2:20	1.6	163	62	3.1	0.0
9/10/2023 2:30	1.2	326	59	2.0	0.0
9/10/2023 2:40	1.8	225	21	2.8	0.0
9/10/2023 2:50	2.2	205	12	3.6	0.0
9/10/2023 3:00	2.0	174	51	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/10/2023 3:10	1.3	240	41	2.8	0.0
9/10/2023 3:20	1.8	209	15	3.9	0.0
9/10/2023 3:30	2.5	185	19	4.0	0.0
9/10/2023 3:40	2.5	182	23	4.2	0.0
9/10/2023 3:50	2.2	185	44	4.0	0.0
9/10/2023 4:00	1.7	248	48	2.8	0.0
9/10/2023 4:10	1.7	231	40	3.7	0.0
9/10/2023 4:20	1.3	164	37	2.4	0.0
9/10/2023 4:30	0.3	142	30	1.5	0.0
9/10/2023 4:40					0.0
9/10/2023 4:50	1.2	318	47	2.3	0.0
9/10/2023 5:00	1.2	206	16	2.4	0.0
9/10/2023 5:10	1.4	332	32	2.7	0.0
9/10/2023 5:20	1.3	199	24	2.4	0.0
9/10/2023 5:30	0.7	247	43	1.6	0.0
9/10/2023 5:40	0.6	220	37	1.4	0.0
9/10/2023 5:50	1.0	332	18	1.7	0.0
9/10/2023 6:00	1.0	300	59	1.9	0.0
9/10/2023 6:10	1.0	116	21	1.7	0.0
9/10/2023 6:20	1.0	355	17	1.4	0.0
9/10/2023 6:30	0.9	99	24	1.7	0.0
9/10/2023 6:40	1.0	15	22	1.6	0.0
9/10/2023 6:50	0.8	26	15	1.6	0.0
9/10/2023 7:00	0.9	38	12	1.6	0.0
9/10/2023 7:10	0.0	1	0	0.4	0.0
9/10/2023 7:20	0.5	43	9	1.6	0.0
9/10/2023 7:30					0.0
9/10/2023 7:40	0.1	47	8	0.8	0.0
9/10/2023 7:50	0.9	65	48	1.9	0.0
9/10/2023 8:00	1.2	107	41	2.3	0.0
9/10/2023 8:10	2.0	43	41	3.1	0.0
9/10/2023 8:20	2.4	44	13	3.4	0.0
9/10/2023 8:30	1.9	45	15	2.8	0.0
9/10/2023 8:40	1.7	62	23	2.6	0.0
9/10/2023 8:50	2.1	58	11	2.6	0.0
9/10/2023 9:00	2.6	52	17	3.6	0.0
9/10/2023 9:10	2.6	40	13	3.3	0.0
9/10/2023 9:20	2.4	60	21	3.3	0.0
9/10/2023 9:30	2.4	44	13	3.6	0.0
9/10/2023 9:40	2.4	56	13	3.1	0.0
9/10/2023 9:50	2.4	51	9	3.0	0.0
9/10/2023 10:00	2.9	50	9	3.6	0.0
9/10/2023 10:10	2.6	54	12	3.4	0.0
9/10/2023 10:20	2.5	61	13	3.4	0.0
9/10/2023 10:30	2.5	66	16	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/10/2023 10:40	2.5	58	15	3.3	0.0
9/10/2023 10:50	2.3	63	18	3.2	0.0
9/10/2023 11:00	2.5	69	16	3.4	0.0
9/10/2023 11:10	2.7	63	17	4.1	0.0
9/10/2023 11:20	2.8	65	14	3.8	0.0
9/10/2023 11:30	3.2	61	14	4.4	0.0
9/10/2023 11:40	3.7	53	15	5.2	0.0
9/10/2023 11:50	3.9	55	14	5.5	0.0
9/10/2023 12:00	4.0	47	13	5.6	0.0
9/10/2023 12:10	4.3	50	13	6.0	0.0
9/10/2023 12:20	4.1	51	12	5.7	0.0
9/10/2023 12:30	4.5	55	12	6.0	0.0
9/10/2023 12:40	4.3	53	13	6.4	0.0
9/10/2023 12:50	4.4	52	12	5.6	0.0
9/10/2023 13:00	4.4	54	12	5.6	0.0
9/10/2023 13:10	3.9	54	9	5.1	0.0
9/10/2023 13:20	4.2	54	11	5.6	0.0
9/10/2023 13:30	4.2	53	10	5.4	0.0
9/10/2023 13:40	4.0	52	12	5.5	0.0
9/10/2023 13:50	4.3	52	14	6.0	0.0
9/10/2023 14:00	3.8	49	14	5.8	0.0
9/10/2023 14:10	4.0	50	11	5.3	0.0
9/10/2023 14:20	3.9	50	12	5.5	0.0
9/10/2023 14:30	3.7	52	13	4.7	0.0
9/10/2023 14:40	3.5	53	12	5.0	0.0
9/10/2023 14:50	3.8	50	12	4.9	0.0
9/10/2023 15:00	4.1	48	12	5.6	0.0
9/10/2023 15:10	3.9	48	14	5.6	0.0
9/10/2023 15:20	4.1	44	13	6.1	0.0
9/10/2023 15:30	4.6	47	10	6.2	0.0
9/10/2023 15:40	4.4	48	11	6.0	0.0
9/10/2023 15:50	4.4	48	12	5.7	0.0
9/10/2023 16:00	4.2	46	12	5.6	0.0
9/10/2023 16:10	4.3	44	12	5.7	0.0
9/10/2023 16:20	3.9	40	13	5.4	0.0
9/10/2023 16:30	4.1	49	12	5.4	0.0
9/10/2023 16:40	4.4	45	11	5.7	0.0
9/10/2023 16:50	4.2	46	12	5.7	0.0
9/10/2023 17:00	3.6	42	13	5.2	0.0
9/10/2023 17:10	3.2	44	13	4.4	0.0
9/10/2023 17:20	3.5	45	11	4.8	0.0
9/10/2023 17:30	2.9	44	12	4.0	0.0
9/10/2023 17:40	2.1	31	13	2.9	0.0
9/10/2023 17:50	1.6	32	13	2.3	0.0
9/10/2023 18:00	1.5	349	17	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/10/2023 18:10	1.8	349	13	2.4	0.0
9/10/2023 18:20	2.5	3	14	4.0	0.0
9/10/2023 18:30	1.7	323	22	2.7	0.0
9/10/2023 18:40	0.4	185	11	1.1	0.0
9/10/2023 18:50	0.1	183	12	0.8	0.0
9/10/2023 19:00	0.1	193	8	0.8	0.0
9/10/2023 19:10	0.0	72	8	0.6	0.0
9/10/2023 19:20	0.7	215	12	1.5	0.0
9/10/2023 19:30	0.9	236	22	1.9	0.0
9/10/2023 19:40	1.6	208	15	2.4	0.0
9/10/2023 19:50	0.8	271	27	2.0	0.0
9/10/2023 20:00	1.8	241	27	2.8	0.0
9/10/2023 20:10	0.7	221	27	2.0	0.0
9/10/2023 20:20	2.0	211	18	3.2	0.0
9/10/2023 20:30	1.3	224	27	2.4	0.0
9/10/2023 20:40	1.5	248	28	2.8	0.0
9/10/2023 20:50	1.5	237	23	2.8	0.0
9/10/2023 21:00	1.5	227	24	2.1	0.0
9/10/2023 21:10	1.6	205	17	2.3	0.0
9/10/2023 21:20	2.0	196	9	2.8	0.0
9/10/2023 21:30	0.8	226	40	2.0	0.0
9/10/2023 21:40	0.7	305	14	1.6	0.0
9/10/2023 21:50	1.6	297	8	2.1	0.0
9/10/2023 22:00	0.6	275	18	1.4	0.0
9/10/2023 22:10	0.7	279	12	1.6	0.0
9/10/2023 22:20	0.3	267	30	1.2	0.0
9/10/2023 22:30	0.9	272	21	1.7	0.0
9/10/2023 22:40	1.7	298	19	2.5	0.0
9/10/2023 22:50	1.7	311	14	2.4	0.0
9/10/2023 23:00	0.4	159	30	0.9	0.0
9/10/2023 23:10	1.0	218	47	2.3	0.0
9/10/2023 23:20	1.4	227	36	2.8	0.0
9/10/2023 23:30	1.2	249	49	2.4	0.0
9/10/2023 23:40	1.1	252	63	2.2	0.0
9/10/2023 23:50	1.0	294	46	2.3	0.0
10/10/2023 0:00	2.0	298	7	2.4	0.0
10/10/2023 0:10	1.5	300	11	2.0	0.0
10/10/2023 0:20	2.0	308	10	2.5	0.0
10/10/2023 0:30	1.0	284	18	1.7	0.0
10/10/2023 0:40	0.1	328	6	1.2	0.0
10/10/2023 0:50	1.6	320	11	2.0	0.0
10/10/2023 1:00	1.3	282	13	1.7	0.0
10/10/2023 1:10	0.8	287	14	1.6	0.0
10/10/2023 1:20					0.0
10/10/2023 1:30	0.2	279	3	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 1:40	0.6	265	8	1.6	0.0
10/10/2023 1:50	1.0	289	23	1.9	0.0
10/10/2023 2:00	1.6	290	18	2.3	0.0
10/10/2023 2:10	1.2	277	25	2.2	0.0
10/10/2023 2:20	0.5	188	24	1.2	0.0
10/10/2023 2:30	1.4	212	35	2.7	0.0
10/10/2023 2:40	1.2	206	33	2.4	0.0
10/10/2023 2:50	0.9	218	32	1.8	0.0
10/10/2023 3:00	0.4	211	37	1.5	0.0
10/10/2023 3:10	1.2	278	27	2.4	0.0
10/10/2023 3:20	0.7	316	51	1.6	0.0
10/10/2023 3:30	0.3	116	54	0.8	0.0
10/10/2023 3:40	0.9	281	34	1.9	0.0
10/10/2023 3:50	1.6	303	10	1.9	0.0
10/10/2023 4:00	1.2	270	31	2.4	0.0
10/10/2023 4:10	2.6	188	17	4.4	0.0
10/10/2023 4:20	3.2	193	14	4.8	0.0
10/10/2023 4:30	3.6	199	11	5.0	0.0
10/10/2023 4:40	3.4	193	13	4.8	0.0
10/10/2023 4:50	1.6	169	50	3.1	0.0
10/10/2023 5:00	2.1	172	44	3.4	0.0
10/10/2023 5:10	2.3	206	30	3.4	0.0
10/10/2023 5:20	1.1	305	49	2.4	0.0
10/10/2023 5:30	0.6	243	28	2.1	0.0
10/10/2023 5:40	2.6	266	44	3.8	0.0
10/10/2023 5:50	1.7	308	18	2.7	0.0
10/10/2023 6:00	0.6	226	53	1.5	0.0
10/10/2023 6:10	0.4	168	42	1.6	0.0
10/10/2023 6:20	1.5	303	16	2.1	0.0
10/10/2023 6:30					0.0
10/10/2023 6:40	0.2	346	3	1.1	0.0
10/10/2023 6:50	0.6	171	11	1.4	0.0
10/10/2023 7:00	0.1	56	8	0.8	0.0
10/10/2023 7:10	0.9	103	31	2.3	0.0
10/10/2023 7:20	1.7	87	18	2.6	0.0
10/10/2023 7:30	1.7	89	18	2.7	0.0
10/10/2023 7:40	1.6	139	45	3.2	0.0
10/10/2023 7:50	1.2	177	40	2.5	0.0
10/10/2023 8:00	2.1	146	28	3.1	0.0
10/10/2023 8:10	1.9	152	21	2.8	0.0
10/10/2023 8:20	1.4	87	32	2.2	0.0
10/10/2023 8:30	1.9	84	18	2.6	0.0
10/10/2023 8:40	1.8	113	22	2.4	0.0
10/10/2023 8:50	2.2	70	17	2.8	0.0
10/10/2023 9:00	1.6	121	18	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 9:10	2.5	52	26	3.9	0.0
10/10/2023 9:20	2.0	84	20	2.9	0.0
10/10/2023 9:30	2.7	63	16	3.6	0.0
10/10/2023 9:40	2.7	53	11	3.4	0.0
10/10/2023 9:50	2.8	50	12	3.5	0.0
10/10/2023 10:00	2.9	56	11	3.7	0.0
10/10/2023 10:10	2.5	56	12	3.2	0.0
10/10/2023 10:20	2.5	55	10	3.2	0.0
10/10/2023 10:30	2.1	58	17	2.9	0.0
10/10/2023 10:40	2.2	57	12	2.8	0.0
10/10/2023 10:50	1.6	59	22	2.4	0.0
10/10/2023 11:00	1.8	312	55	3.7	0.0
10/10/2023 11:10	2.4	293	26	3.6	0.0
10/10/2023 11:20	2.7	270	22	4.4	0.0
10/10/2023 11:30	2.8	262	21	4.3	0.0
10/10/2023 11:40	2.7	263	19	4.0	0.0
10/10/2023 11:50	2.8	263	21	4.4	0.0
10/10/2023 12:00	2.9	267	20	4.6	0.0
10/10/2023 12:10	2.5	279	30	3.9	0.0
10/10/2023 12:20	2.9	268	25	4.4	0.0
10/10/2023 12:30	3.2	261	18	4.6	0.0
10/10/2023 12:40	3.3	279	29	4.6	0.0
10/10/2023 12:50	3.1	274	22	4.4	0.0
10/10/2023 13:00	3.0	287	25	5.4	0.0
10/10/2023 13:10	2.8	289	25	4.2	0.0
10/10/2023 13:20	3.0	278	19	4.5	0.0
10/10/2023 13:30	3.2	312	21	4.4	0.0
10/10/2023 13:40	3.6	324	14	4.8	0.0
10/10/2023 13:50	3.1	301	21	4.8	0.0
10/10/2023 14:00	3.5	268	18	4.9	0.0
10/10/2023 14:10	3.4	268	18	5.2	0.0
10/10/2023 14:20	2.7	287	28	4.2	0.0
10/10/2023 14:30	2.7	260	26	4.4	0.0
10/10/2023 14:40	2.6	247	29	4.0	0.0
10/10/2023 14:50	2.5	266	29	4.7	0.0
10/10/2023 15:00	3.3	311	18	5.1	0.0
10/10/2023 15:10	3.3	312	20	5.4	0.0
10/10/2023 15:20	3.7	319	15	5.0	0.0
10/10/2023 15:30	3.4	316	20	5.3	0.0
10/10/2023 15:40	3.8	317	19	5.2	0.0
10/10/2023 15:50	3.7	319	17	5.0	0.0
10/10/2023 16:00	3.2	314	21	5.2	0.0
10/10/2023 16:10	3.0	287	24	4.8	0.0
10/10/2023 16:20	3.4	282	20	5.2	0.0
10/10/2023 16:30	3.5	276	21	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/10/2023 16:40	3.2	282	22	5.0	0.0
10/10/2023 16:50	3.0	276	21	5.2	0.0
10/10/2023 17:00	3.2	274	23	5.2	0.0
10/10/2023 17:10	3.2	271	20	4.8	0.0
10/10/2023 17:20	2.9	268	21	4.4	0.0
10/10/2023 17:30	3.3	277	20	4.8	0.0
10/10/2023 17:40	3.3	272	17	4.5	0.0
10/10/2023 17:50	3.1	276	21	4.8	0.0
10/10/2023 18:00	2.9	263	21	4.8	0.0
10/10/2023 18:10	2.7	272	19	4.0	0.0
10/10/2023 18:20	2.6	268	20	3.8	0.0
10/10/2023 18:30	2.7	271	19	4.4	0.0
10/10/2023 18:40	2.6	272	26	4.0	0.0
10/10/2023 18:50	2.8	264	23	4.5	0.0
10/10/2023 19:00	2.5	261	22	4.2	0.0
10/10/2023 19:10	1.8	259	32	3.3	0.0
10/10/2023 19:20	1.7	265	30	3.3	0.0
10/10/2023 19:30	2.1	270	24	3.4	0.0
10/10/2023 19:40	1.5	227	45	2.8	0.0
10/10/2023 19:50	1.2	256	43	2.4	0.0
10/10/2023 20:00	1.6	272	32	2.9	0.0
10/10/2023 20:10	2.2	278	23	3.3	0.0
10/10/2023 20:20	2.6	269	12	3.4	0.0
10/10/2023 20:30	1.9	274	15	2.8	0.0
10/10/2023 20:40	1.7	267	25	2.8	0.0
10/10/2023 20:50	1.6	278	22	2.9	0.0
10/10/2023 21:00	2.0	289	19	2.8	0.0
10/10/2023 21:10	2.3	277	16	3.2	0.0
10/10/2023 21:20	2.0	262	18	3.5	0.0
10/10/2023 21:30	1.7	267	23	2.8	0.0
10/10/2023 21:40	1.9	266	39	4.2	0.0
10/10/2023 21:50	1.3	275	37	2.8	0.0
10/10/2023 22:00	1.6	273	25	2.7	0.0
10/10/2023 22:10	1.7	272	17	2.9	0.0
10/10/2023 22:20	2.0	276	14	3.2	0.0
10/10/2023 22:30	1.6	280	30	2.6	0.0
10/10/2023 22:40	2.0	279	16	2.9	0.0
10/10/2023 22:50	2.1	279	20	3.3	0.0
10/10/2023 23:00	1.4	271	34	3.1	0.0
10/10/2023 23:10	1.6	276	21	2.4	0.0
10/10/2023 23:20	1.2	276	27	3.1	0.0
10/10/2023 23:30	0.9	280	47	2.6	0.0
10/10/2023 23:40	1.4	292	23	2.4	0.0
10/10/2023 23:50	1.7	289	23	2.7	0.0
11/10/2023 0:00	1.4	288	26	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 0:10	1.6	300	20	2.4	0.0
11/10/2023 0:20	1.4	297	31	2.4	0.0
11/10/2023 0:30	2.0	306	14	2.8	0.0
11/10/2023 0:40	1.5	291	19	2.6	0.0
11/10/2023 0:50	1.9	296	17	2.7	0.0
11/10/2023 1:00	1.5	279	24	2.5	0.0
11/10/2023 1:10	1.7	282	21	2.6	0.0
11/10/2023 1:20	1.6	293	13	2.4	0.0
11/10/2023 1:30	1.7	308	17	2.4	0.0
11/10/2023 1:40	1.5	295	24	2.2	0.0
11/10/2023 1:50	1.8	278	19	3.4	0.0
11/10/2023 2:00	1.7	280	22	2.6	0.0
11/10/2023 2:10	1.9	298	16	2.6	0.0
11/10/2023 2:20	1.2	301	23	2.0	0.0
11/10/2023 2:30	1.2	297	18	2.0	0.0
11/10/2023 2:40	1.2	296	25	2.0	0.0
11/10/2023 2:50	1.2	269	24	2.1	0.0
11/10/2023 3:00	1.1	289	25	1.9	0.0
11/10/2023 3:10	1.4	291	14	2.0	0.0
11/10/2023 3:20	1.2	291	28	2.0	0.0
11/10/2023 3:30	1.6	300	24	2.4	0.0
11/10/2023 3:40	1.8	309	17	2.4	0.0
11/10/2023 3:50	2.0	273	21	3.5	0.0
11/10/2023 4:00	2.0	280	22	3.2	0.0
11/10/2023 4:10	1.8	263	28	2.8	0.0
11/10/2023 4:20	1.1	243	49	2.0	0.0
11/10/2023 4:30	1.4	271	33	2.6	0.0
11/10/2023 4:40	1.4	284	25	2.4	0.0
11/10/2023 4:50	1.6	281	31	2.7	0.0
11/10/2023 5:00	1.6	280	41	3.1	0.0
11/10/2023 5:10	0.9	247	27	2.3	0.0
11/10/2023 5:20	0.6	291	21	2.3	0.0
11/10/2023 5:30	0.7	278	25	3.6	0.0
11/10/2023 5:40	1.0	313	26	2.4	0.0
11/10/2023 5:50	1.0	338	38	1.9	0.0
11/10/2023 6:00	1.3	310	17	2.0	0.0
11/10/2023 6:10	1.3	320	16	1.9	0.0
11/10/2023 6:20	1.2	327	14	1.7	0.0
11/10/2023 6:30	1.2	305	19	1.9	0.0
11/10/2023 6:40	0.8	288	40	1.5	0.0
11/10/2023 6:50	1.4	291	31	2.4	0.0
11/10/2023 7:00	1.6	282	22	2.5	0.0
11/10/2023 7:10	2.1	268	38	3.6	0.0
11/10/2023 7:20	1.4	241	34	2.9	0.0
11/10/2023 7:30	1.9	277	24	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 7:40	2.3	221	33	4.2	0.0
11/10/2023 7:50	1.4	231	51	2.8	0.0
11/10/2023 8:00	1.9	214	39	3.2	0.0
11/10/2023 8:10	2.0	275	16	3.2	0.0
11/10/2023 8:20	2.0	224	29	3.2	0.0
11/10/2023 8:30	1.3	257	30	2.2	0.0
11/10/2023 8:40	1.4	274	34	2.6	0.0
11/10/2023 8:50	2.0	283	21	3.1	0.0
11/10/2023 9:00	2.2	277	21	3.2	0.0
11/10/2023 9:10	1.6	276	28	2.7	0.0
11/10/2023 9:20	1.7	190	51	2.8	0.0
11/10/2023 9:30	2.1	137	24	3.2	0.0
11/10/2023 9:40	3.3	105	11	4.8	0.0
11/10/2023 9:50	2.6	94	18	3.7	0.0
11/10/2023 10:00	2.1	72	20	3.2	0.0
11/10/2023 10:10	3.0	56	13	4.0	0.0
11/10/2023 10:20	2.9	58	14	3.8	0.0
11/10/2023 10:30	2.7	55	14	3.6	0.0
11/10/2023 10:40	3.2	49	10	4.4	0.0
11/10/2023 10:50	3.5	57	12	4.2	0.0
11/10/2023 11:00	3.2	61	13	4.2	0.0
11/10/2023 11:10	3.5	52	12	4.4	0.0
11/10/2023 11:20	3.3	60	12	4.3	0.0
11/10/2023 11:30	3.3	61	13	4.3	0.0
11/10/2023 11:40	2.8	62	15	3.6	0.0
11/10/2023 11:50	3.3	52	8	3.9	0.0
11/10/2023 12:00	3.2	52	10	3.9	0.0
11/10/2023 12:10	2.9	55	16	3.7	0.0
11/10/2023 12:20	3.2	59	11	4.0	0.0
11/10/2023 12:30	3.3	69	10	4.1	0.0
11/10/2023 12:40	3.2	62	10	3.9	0.0
11/10/2023 12:50	2.9	54	10	3.7	0.0
11/10/2023 13:00	3.3	59	13	4.5	0.0
11/10/2023 13:10	2.4	82	23	3.5	0.0
11/10/2023 13:20	2.5	85	17	3.5	0.0
11/10/2023 13:30	3.0	64	13	4.1	0.0
11/10/2023 13:40	2.5	180	64	4.3	0.0
11/10/2023 13:50	2.3	263	27	4.0	0.0
11/10/2023 14:00	2.3	251	27	3.6	0.0
11/10/2023 14:10	2.1	278	39	3.6	0.0
11/10/2023 14:20	2.3	277	28	3.6	0.0
11/10/2023 14:30	2.5	270	25	3.9	0.0
11/10/2023 14:40	3.0	260	17	4.3	0.0
11/10/2023 14:50	2.9	289	26	4.8	0.0
11/10/2023 15:00	3.4	318	18	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 15:10	3.3	328	16	4.8	0.0
11/10/2023 15:20	3.5	325	19	5.1	0.0
11/10/2023 15:30	3.6	319	19	5.2	0.0
11/10/2023 15:40	4.2	328	13	5.7	0.0
11/10/2023 15:50	3.9	326	14	6.2	0.0
11/10/2023 16:00	3.7	319	17	5.5	0.0
11/10/2023 16:10	3.8	331	16	5.3	0.0
11/10/2023 16:20	3.7	330	16	5.1	0.0
11/10/2023 16:30	3.1	315	19	5.2	0.0
11/10/2023 16:40	3.2	313	19	4.8	0.0
11/10/2023 16:50	3.0	319	18	4.7	0.0
11/10/2023 17:00	2.9	314	18	4.4	0.0
11/10/2023 17:10	2.8	314	21	4.3	0.0
11/10/2023 17:20	2.6	319	18	4.2	0.0
11/10/2023 17:30	2.5	307	17	3.8	0.0
11/10/2023 17:40	2.4	288	19	3.9	0.0
11/10/2023 17:50	2.2	271	22	3.2	0.0
11/10/2023 18:00	1.8	259	32	3.1	0.0
11/10/2023 18:10	2.0	228	34	3.4	0.0
11/10/2023 18:20	2.3	248	32	3.6	0.0
11/10/2023 18:30	1.8	243	34	2.8	0.0
11/10/2023 18:40	2.3	245	35	3.9	0.0
11/10/2023 18:50	2.6	263	25	4.0	0.0
11/10/2023 19:00	2.6	270	22	3.8	0.0
11/10/2023 19:10	2.2	264	26	3.8	0.0
11/10/2023 19:20	2.4	267	20	3.7	0.0
11/10/2023 19:30	2.8	268	19	4.1	0.0
11/10/2023 19:40	2.5	265	17	3.9	0.0
11/10/2023 19:50	2.4	276	15	3.2	0.0
11/10/2023 20:00	1.6	289	27	2.3	0.0
11/10/2023 20:10	1.5	281	22	2.3	0.0
11/10/2023 20:20	1.2	294	25	1.9	0.0
11/10/2023 20:30	1.1	294	22	1.9	0.0
11/10/2023 20:40	1.7	254	19	2.4	0.0
11/10/2023 20:50	1.8	267	17	2.6	0.0
11/10/2023 21:00	1.6	272	23	2.7	0.0
11/10/2023 21:10	1.3	265	30	2.4	0.0
11/10/2023 21:20	1.6	277	18	2.5	0.0
11/10/2023 21:30	1.8	263	24	2.8	0.0
11/10/2023 21:40	1.6	270	15	2.4	0.0
11/10/2023 21:50	1.6	269	19	2.4	0.0
11/10/2023 22:00	1.7	271	22	3.0	0.0
11/10/2023 22:10	1.9	274	21	3.2	0.0
11/10/2023 22:20	2.0	272	24	3.2	0.0
11/10/2023 22:30	2.0	272	18	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/10/2023 22:40	2.1	275	19	3.1	0.0
11/10/2023 22:50	2.2	272	23	3.2	0.0
11/10/2023 23:00	2.0	261	30	4.0	0.0
11/10/2023 23:10	2.1	267	26	4.0	0.0
11/10/2023 23:20	2.4	272	21	4.0	0.0
11/10/2023 23:30	2.2	271	18	3.5	0.0
11/10/2023 23:40	1.7	275	41	3.8	0.0
11/10/2023 23:50	1.9	263	33	3.2	0.0
12/10/2023 0:00	2.2	274	17	3.3	0.0
12/10/2023 0:10	1.9	268	29	3.2	0.0
12/10/2023 0:20	1.5	280	39	2.8	0.0
12/10/2023 0:30	1.4	258	49	3.0	0.0
12/10/2023 0:40	1.6	246	48	2.8	0.0
12/10/2023 0:50	2.1	269	29	3.6	0.0
12/10/2023 1:00	1.6	258	34	2.8	0.0
12/10/2023 1:10	1.6	277	37	2.9	0.0
12/10/2023 1:20	2.1	259	32	3.4	0.0
12/10/2023 1:30	1.8	278	25	2.7	0.0
12/10/2023 1:40	2.0	277	22	3.5	0.0
12/10/2023 1:50	1.4	276	36	2.8	0.0
12/10/2023 2:00	1.3	279	41	3.2	0.0
12/10/2023 2:10	1.4	282	41	2.5	0.0
12/10/2023 2:20	1.7	283	30	3.0	0.0
12/10/2023 2:30	1.0	295	27	1.8	0.0
12/10/2023 2:40	0.8	326	31	1.6	0.0
12/10/2023 2:50	1.1	334	19	1.6	0.0
12/10/2023 3:00	0.1	155	5	0.4	0.0
12/10/2023 3:10	0.2	155	11	0.9	0.0
12/10/2023 3:20	0.0	173	0	0.4	0.0
12/10/2023 3:30					0.0
12/10/2023 3:40	0.4	112	39	0.9	0.0
12/10/2023 3:50	0.1	53	7	0.6	0.0
12/10/2023 4:00	0.0	249	4	0.4	0.0
12/10/2023 4:10	0.1	237	3	0.8	0.0
12/10/2023 4:20	1.1	282	14	2.2	0.0
12/10/2023 4:30	1.8	288	11	2.4	0.0
12/10/2023 4:40	1.3	280	21	2.0	0.0
12/10/2023 4:50	1.1	258	18	1.6	0.0
12/10/2023 5:00	1.5	286	9	1.9	0.0
12/10/2023 5:10	1.4	288	10	1.9	0.0
12/10/2023 5:20	1.4	302	14	1.9	0.0
12/10/2023 5:30	0.6	155	28	1.3	0.0
12/10/2023 5:40	1.1	229	36	1.7	0.0
12/10/2023 5:50	1.1	278	21	2.0	0.0
12/10/2023 6:00	0.4	45	8	0.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 6:10	0.8	345	7	1.4	0.0
12/10/2023 6:20	0.5	338	9	1.3	0.0
12/10/2023 6:30	0.5	334	20	1.1	0.0
12/10/2023 6:40	0.0	173	12	0.5	0.0
12/10/2023 6:50					0.0
12/10/2023 7:00	0.5	27	7	0.9	0.0
12/10/2023 7:10	0.3	49	12	0.8	0.0
12/10/2023 7:20	0.5	31	20	1.0	0.0
12/10/2023 7:30	0.9	179	47	1.5	0.0
12/10/2023 7:40	1.3	36	27	1.8	0.0
12/10/2023 7:50	1.4	52	19	1.9	0.0
12/10/2023 8:00	1.5	69	16	2.1	0.0
12/10/2023 8:10	1.8	76	17	2.4	0.0
12/10/2023 8:20	2.2	72	16	2.9	0.0
12/10/2023 8:30	2.2	57	16	2.9	0.0
12/10/2023 8:40	2.5	64	17	3.2	0.0
12/10/2023 8:50	2.3	64	18	3.0	0.0
12/10/2023 9:00	2.7	75	13	3.4	0.0
12/10/2023 9:10	2.7	75	17	3.5	0.0
12/10/2023 9:20	3.0	73	12	3.9	0.0
12/10/2023 9:30	2.5	93	17	3.4	0.0
12/10/2023 9:40	2.7	94	15	3.8	0.0
12/10/2023 9:50	3.3	114	12	4.3	0.0
12/10/2023 10:00	2.9	80	18	4.2	0.0
12/10/2023 10:10	2.7	68	18	3.8	0.0
12/10/2023 10:20	2.8	60	14	3.6	0.0
12/10/2023 10:30	2.5	63	13	3.3	0.0
12/10/2023 10:40	2.7	65	17	3.5	0.0
12/10/2023 10:50	2.4	70	19	3.6	0.0
12/10/2023 11:00	3.2	53	14	4.6	0.0
12/10/2023 11:10	3.7	52	15	5.3	0.0
12/10/2023 11:20	3.5	53	16	4.9	0.0
12/10/2023 11:30	3.5	50	15	4.9	0.0
12/10/2023 11:40	3.8	51	14	5.4	0.0
12/10/2023 11:50	3.6	48	13	5.2	0.0
12/10/2023 12:00	3.3	50	15	4.4	0.0
12/10/2023 12:10	3.6	57	15	5.0	0.0
12/10/2023 12:20	3.2	59	14	4.4	0.0
12/10/2023 12:30	3.5	66	13	4.4	0.0
12/10/2023 12:40	3.4	62	14	4.7	0.0
12/10/2023 12:50	3.8	55	13	5.1	0.0
12/10/2023 13:00	3.9	53	15	5.3	0.0
12/10/2023 13:10	4.0	53	13	5.9	0.0
12/10/2023 13:20	4.3	48	12	5.5	0.0
12/10/2023 13:30	3.7	55	12	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 13:40	4.0	55	11	5.2	0.0
12/10/2023 13:50	4.0	60	13	5.3	0.0
12/10/2023 14:00	4.0	58	13	5.3	0.0
12/10/2023 14:10	3.6	59	13	5.1	0.0
12/10/2023 14:20	3.7	56	11	4.8	0.0
12/10/2023 14:30	3.9	56	10	5.2	0.0
12/10/2023 14:40	3.8	57	11	5.0	0.0
12/10/2023 14:50	3.0	49	13	4.0	0.0
12/10/2023 15:00	2.7	192	27	4.7	0.0
12/10/2023 15:10	3.6	346	16	5.2	0.0
12/10/2023 15:20	3.5	338	16	4.8	0.0
12/10/2023 15:30	2.9	305	20	5.2	0.0
12/10/2023 15:40	2.9	318	20	4.4	0.0
12/10/2023 15:50	3.3	322	17	5.1	0.0
12/10/2023 16:00	3.0	302	23	4.8	0.0
12/10/2023 16:10	3.5	325	14	5.2	0.0
12/10/2023 16:20	3.3	311	23	5.1	0.0
12/10/2023 16:30	3.4	325	14	4.9	0.0
12/10/2023 16:40	3.6	328	13	5.1	0.0
12/10/2023 16:50	3.9	335	12	5.3	0.0
12/10/2023 17:00	3.6	330	13	4.6	0.0
12/10/2023 17:10	3.1	335	17	4.5	0.0
12/10/2023 17:20	2.8	329	12	4.0	0.0
12/10/2023 17:30	2.2	319	20	3.4	0.0
12/10/2023 17:40	1.7	313	24	3.2	0.0
12/10/2023 17:50	1.1	294	25	2.1	0.0
12/10/2023 18:00	1.8	275	19	3.0	0.0
12/10/2023 18:10	1.8	233	27	2.8	0.0
12/10/2023 18:20	2.2	257	16	3.2	0.0
12/10/2023 18:30	2.2	267	16	3.0	0.0
12/10/2023 18:40	2.6	256	16	3.6	0.0
12/10/2023 18:50	2.3	268	16	3.3	0.0
12/10/2023 19:00	2.2	282	19	3.4	0.0
12/10/2023 19:10	2.6	267	17	3.5	0.0
12/10/2023 19:20	2.7	268	15	3.6	0.0
12/10/2023 19:30	2.5	244	24	4.0	0.0
12/10/2023 19:40	2.3	233	26	3.2	0.0
12/10/2023 19:50	2.1	263	24	3.2	0.0
12/10/2023 20:00	2.6	246	19	3.8	0.0
12/10/2023 20:10	2.5	232	22	3.7	0.0
12/10/2023 20:20	2.4	243	25	3.6	0.0
12/10/2023 20:30	2.0	253	30	3.1	0.0
12/10/2023 20:40	2.3	279	25	3.3	0.0
12/10/2023 20:50	2.5	270	21	3.6	0.0
12/10/2023 21:00	2.4	257	26	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/10/2023 21:10	2.5	245	37	4.0	0.0
12/10/2023 21:20	2.1	266	28	3.6	0.0
12/10/2023 21:30	2.4	252	31	4.1	0.0
12/10/2023 21:40	2.7	270	18	4.0	0.0
12/10/2023 21:50	2.7	271	22	4.0	0.0
12/10/2023 22:00	2.7	272	21	4.5	0.0
12/10/2023 22:10	2.7	264	26	4.0	0.0
12/10/2023 22:20	2.3	277	25	3.9	0.0
12/10/2023 22:30	2.9	272	17	4.2	0.0
12/10/2023 22:40	2.4	273	32	4.0	0.0
12/10/2023 22:50	2.8	277	29	4.8	0.0
12/10/2023 23:00	2.6	275	27	4.3	0.0
12/10/2023 23:10	2.5	274	19	4.0	0.0
12/10/2023 23:20	2.4	274	23	4.0	0.0
12/10/2023 23:30	1.9	271	39	3.3	0.0
12/10/2023 23:40	1.4	196	68	2.8	0.0
12/10/2023 23:50	1.8	251	47	3.2	0.0
13/10/2023 0:00	1.9	256	46	3.7	0.0
13/10/2023 0:10	2.0	267	38	3.6	0.0
13/10/2023 0:20	1.8	275	34	3.6	0.0
13/10/2023 0:30	1.4	270	60	3.1	0.0
13/10/2023 0:40	2.0	281	22	3.1	0.0
13/10/2023 0:50	1.5	271	49	2.7	0.0
13/10/2023 1:00	1.0	249	73	2.0	0.0
13/10/2023 1:10	1.2	260	64	2.3	0.0
13/10/2023 1:20	1.5	254	44	2.6	0.0
13/10/2023 1:30	1.0	161	75	2.6	0.0
13/10/2023 1:40	0.8	312	46	2.0	0.0
13/10/2023 1:50	1.2	304	34	2.5	0.0
13/10/2023 2:00	0.6	268	59	1.6	0.0
13/10/2023 2:10	0.8	242	56	1.8	0.0
13/10/2023 2:20	0.7	183	30	1.3	0.0
13/10/2023 2:30	0.4	181	18	1.2	0.0
13/10/2023 2:40	0.6	327	20	1.2	0.0
13/10/2023 2:50	0.8	307	19	1.9	0.0
13/10/2023 3:00	1.6	301	9	2.0	0.0
13/10/2023 3:10	1.7	294	6	2.0	0.0
13/10/2023 3:20	1.4	283	7	1.8	0.0
13/10/2023 3:30	1.6	270	8	2.0	0.0
13/10/2023 3:40	0.6	287	14	1.3	0.0
13/10/2023 3:50	0.6	292	32	1.9	0.0
13/10/2023 4:00	0.3	233	6	1.6	0.0
13/10/2023 4:10	1.8	266	8	2.4	0.0
13/10/2023 4:20	1.8	266	14	2.5	0.0
13/10/2023 4:30	1.5	266	15	2.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 4:40	1.4	259	22	2.3	0.0
13/10/2023 4:50	1.5	272	24	2.2	0.0
13/10/2023 5:00	2.1	270	7	2.6	0.0
13/10/2023 5:10	2.1	270	7	2.5	0.0
13/10/2023 5:20	2.1	266	8	2.6	0.0
13/10/2023 5:30	0.8	289	24	1.8	0.0
13/10/2023 5:40	0.6	260	32	1.4	0.0
13/10/2023 5:50	1.4	134	37	2.4	0.0
13/10/2023 6:00	1.8	180	24	3.6	0.0
13/10/2023 6:10	2.9	188	18	4.0	0.0
13/10/2023 6:20	2.2	181	24	3.9	0.0
13/10/2023 6:30	2.3	152	21	4.1	0.0
13/10/2023 6:40	2.3	125	27	3.7	0.0
13/10/2023 6:50	2.6	123	35	5.1	0.0
13/10/2023 7:00	3.2	121	34	6.0	0.0
13/10/2023 7:10	4.2	119	28	6.8	0.0
13/10/2023 7:20	3.6	122	27	6.7	0.0
13/10/2023 7:30	3.3	123	28	5.9	0.0
13/10/2023 7:40	3.2	117	29	6.0	0.0
13/10/2023 7:50	3.4	115	30	5.5	0.0
13/10/2023 8:00	3.5	114	24	5.7	0.0
13/10/2023 8:10	3.4	125	24	5.2	0.0
13/10/2023 8:20	2.7	119	23	3.9	0.0
13/10/2023 8:30	2.7	117	18	4.0	0.0
13/10/2023 8:40	3.5	88	22	5.2	0.0
13/10/2023 8:50	5.2	80	17	7.1	0.0
13/10/2023 9:00	5.3	83	13	8.0	0.0
13/10/2023 9:10	5.3	83	14	7.8	0.0
13/10/2023 9:20	5.3	87	15	7.5	0.0
13/10/2023 9:30	4.3	81	16	6.4	0.0
13/10/2023 9:40	4.0	74	13	6.4	0.0
13/10/2023 9:50	3.1	69	17	4.6	0.0
13/10/2023 10:00	3.0	72	19	4.4	0.0
13/10/2023 10:10	3.5	56	11	4.8	0.0
13/10/2023 10:20	3.6	61	10	4.4	0.0
13/10/2023 10:30	3.5	59	10	4.2	0.0
13/10/2023 10:40	2.9	52	15	4.3	0.0
13/10/2023 10:50	3.0	63	17	4.3	0.0
13/10/2023 11:00	3.5	55	16	4.4	0.0
13/10/2023 11:10	3.9	47	11	5.3	0.0
13/10/2023 11:20	4.1	49	10	5.2	0.0
13/10/2023 11:30	3.8	50	12	5.0	0.0
13/10/2023 11:40	3.7	54	11	4.8	0.0
13/10/2023 11:50	3.4	58	11	4.6	0.0
13/10/2023 12:00	3.5	49	13	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 12:10	3.6	46	13	4.9	0.0
13/10/2023 12:20	3.4	48	14	4.8	0.0
13/10/2023 12:30	3.2	54	15	4.5	0.0
13/10/2023 12:40	3.7	46	13	5.1	0.0
13/10/2023 12:50	3.0	58	14	4.1	0.0
13/10/2023 13:00	3.0	64	13	4.0	0.0
13/10/2023 13:10	3.6	58	15	5.2	0.0
13/10/2023 13:20	4.4	44	14	6.1	0.0
13/10/2023 13:30	4.6	46	11	6.2	0.0
13/10/2023 13:40	4.9	44	14	6.5	0.0
13/10/2023 13:50	5.0	47	12	6.8	0.0
13/10/2023 14:00	4.7	46	12	6.4	0.0
13/10/2023 14:10	4.6	45	13	6.7	0.0
13/10/2023 14:20	4.0	46	13	6.0	0.0
13/10/2023 14:30	4.0	53	13	5.3	0.0
13/10/2023 14:40	3.5	52	14	4.6	0.0
13/10/2023 14:50	3.4	53	12	4.6	0.0
13/10/2023 15:00	3.4	56	15	4.7	0.0
13/10/2023 15:10	3.2	66	12	4.4	0.0
13/10/2023 15:20	3.2	64	12	4.6	0.0
13/10/2023 15:30	3.4	44	16	5.1	0.0
13/10/2023 15:40	2.8	53	16	4.0	0.0
13/10/2023 15:50	2.9	43	17	4.8	0.0
13/10/2023 16:00	3.2	48	16	4.4	0.0
13/10/2023 16:10	3.7	27	20	5.2	0.0
13/10/2023 16:20	3.4	184	16	4.7	0.0
13/10/2023 16:30	3.2	179	16	4.5	0.0
13/10/2023 16:40	3.5	344	12	4.6	0.0
13/10/2023 16:50	3.1	354	12	3.9	0.0
13/10/2023 17:00	3.2	352	10	4.0	0.0
13/10/2023 17:10	2.7	344	12	3.6	0.0
13/10/2023 17:20	2.6	328	12	3.5	0.0
13/10/2023 17:30	2.0	321	16	3.1	0.0
13/10/2023 17:40	2.0	327	9	2.4	0.0
13/10/2023 17:50	2.1	324	12	3.0	0.0
13/10/2023 18:00	2.1	319	11	3.0	0.0
13/10/2023 18:10	2.3	322	10	2.9	0.0
13/10/2023 18:20	2.1	313	14	2.7	0.0
13/10/2023 18:30	2.2	306	14	3.1	0.0
13/10/2023 18:40	1.6	307	13	2.3	0.0
13/10/2023 18:50	1.9	314	14	2.4	0.0
13/10/2023 19:00	1.2	327	28	1.7	0.0
13/10/2023 19:10	1.3	300	26	2.3	0.0
13/10/2023 19:20	1.7	316	14	2.2	0.0
13/10/2023 19:30	1.4	325	24	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/10/2023 19:40	1.8	295	13	2.6	0.0
13/10/2023 19:50	2.1	301	13	2.9	0.0
13/10/2023 20:00	2.1	311	14	3.0	0.0
13/10/2023 20:10	1.9	308	15	3.3	0.0
13/10/2023 20:20	1.9	280	21	2.9	0.0
13/10/2023 20:30	2.0	263	20	3.0	0.0
13/10/2023 20:40	2.3	268	28	4.1	0.0
13/10/2023 20:50	2.0	250	24	3.5	0.0
13/10/2023 21:00	2.4	250	16	3.3	0.0
13/10/2023 21:10	2.1	243	19	2.9	0.0
13/10/2023 21:20	2.2	256	16	3.2	0.0
13/10/2023 21:30	2.3	257	12	3.0	0.0
13/10/2023 21:40	2.1	215	15	3.0	0.0
13/10/2023 21:50	1.3	201	14	2.4	0.0
13/10/2023 22:00	1.7	214	20	2.7	0.0
13/10/2023 22:10	1.5	290	10	1.9	0.0
13/10/2023 22:20	1.4	212	34	2.0	0.0
13/10/2023 22:30	1.2	167	34	1.5	0.0
13/10/2023 22:40	1.4	295	7	1.6	0.0
13/10/2023 22:50	1.1	62	61	1.9	0.0
13/10/2023 23:00	1.6	262	23	2.5	0.0
13/10/2023 23:10	1.2	211	40	1.7	0.0
13/10/2023 23:20	1.3	251	30	2.1	0.0
13/10/2023 23:30	1.5	196	12	3.1	0.0
13/10/2023 23:40	2.7	207	16	3.9	0.0
13/10/2023 23:50	2.4	214	30	4.0	0.0
14/10/2023 0:00	3.4	208	25	5.3	0.0
14/10/2023 0:10	3.3	215	24	5.3	0.0
14/10/2023 0:20	2.8	229	31	4.9	0.0
14/10/2023 0:30	3.3	208	29	5.6	0.0
14/10/2023 0:40	3.2	219	31	5.7	0.0
14/10/2023 0:50	3.9	210	26	5.9	0.0
14/10/2023 1:00	3.6	208	23	5.8	0.0
14/10/2023 1:10	3.5	207	24	5.2	0.0
14/10/2023 1:20	3.1	209	28	4.9	0.0
14/10/2023 1:30	3.5	202	16	5.4	0.0
14/10/2023 1:40	3.6	201	19	6.0	0.0
14/10/2023 1:50	3.9	190	15	6.4	0.0
14/10/2023 2:00	4.7	185	13	7.3	0.0
14/10/2023 2:10	4.8	190	12	7.2	0.0
14/10/2023 2:20	5.5	185	11	7.3	0.0
14/10/2023 2:30	5.7	183	10	7.5	0.0
14/10/2023 2:40	6.4	180	11	8.6	0.0
14/10/2023 2:50	6.9	178	10	9.0	0.0
14/10/2023 3:00	7.2	179	9	8.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 3:10	7.3	178	10	9.2	0.0
14/10/2023 3:20	6.9	181	10	8.7	0.0
14/10/2023 3:30	6.8	181	8	8.7	0.0
14/10/2023 3:40	5.6	184	11	7.4	0.0
14/10/2023 3:50	5.3	191	12	7.3	0.0
14/10/2023 4:00	5.0	186	12	6.8	0.0
14/10/2023 4:10	4.2	190	12	5.8	0.0
14/10/2023 4:20	4.3	193	12	5.8	0.0
14/10/2023 4:30	5.1	195	11	7.0	0.0
14/10/2023 4:40	4.7	190	11	6.6	0.0
14/10/2023 4:50	4.7	192	11	6.4	0.0
14/10/2023 5:00	5.8	190	11	7.8	0.0
14/10/2023 5:10	5.5	191	11	7.6	0.0
14/10/2023 5:20	5.5	194	10	7.4	0.0
14/10/2023 5:30	5.4	196	11	7.2	0.0
14/10/2023 5:40	5.1	197	10	6.6	0.0
14/10/2023 5:50	5.4	200	10	6.9	0.0
14/10/2023 6:00	5.2	199	12	6.8	0.0
14/10/2023 6:10	5.0	201	12	6.6	0.0
14/10/2023 6:20	4.3	199	15	6.0	0.0
14/10/2023 6:30	4.3	200	16	6.3	0.0
14/10/2023 6:40	3.5	188	21	5.6	0.0
14/10/2023 6:50	2.7	169	30	4.6	0.0
14/10/2023 7:00	2.4	144	28	4.4	0.0
14/10/2023 7:10	2.5	136	28	5.2	0.0
14/10/2023 7:20	3.6	135	29	7.9	0.0
14/10/2023 7:30	2.6	127	31	5.0	0.0
14/10/2023 7:40	2.8	118	30	6.6	0.0
14/10/2023 7:50	2.2	127	31	3.5	0.0
14/10/2023 8:00	3.0	101	26	5.6	0.0
14/10/2023 8:10	2.9	112	24	4.9	0.0
14/10/2023 8:20	2.6	118	21	4.1	0.0
14/10/2023 8:30	2.3	122	22	3.3	0.0
14/10/2023 8:40	2.2	110	23	3.6	0.0
14/10/2023 8:50	2.6	104	20	4.0	0.0
14/10/2023 9:00	2.6	100	23	4.0	0.0
14/10/2023 9:10	3.1	87	18	4.9	0.0
14/10/2023 9:20	3.5	79	15	5.5	0.0
14/10/2023 9:30	3.5	86	13	4.8	0.0
14/10/2023 9:40	3.5	82	15	4.9	0.0
14/10/2023 9:50	3.2	64	13	4.5	0.0
14/10/2023 10:00	2.6	56	17	4.0	0.0
14/10/2023 10:10	3.0	60	15	4.3	0.0
14/10/2023 10:20	3.5	48	11	4.7	0.0
14/10/2023 10:30	3.3	50	15	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 10:40	2.9	55	15	4.2	0.0
14/10/2023 10:50	2.5	61	17	3.8	0.0
14/10/2023 11:00	2.5	60	17	3.5	0.0
14/10/2023 11:10	3.1	64	13	4.5	0.0
14/10/2023 11:20	4.0	45	13	5.6	0.0
14/10/2023 11:30	4.0	47	14	5.2	0.0
14/10/2023 11:40	4.0	47	12	6.0	0.0
14/10/2023 11:50	4.0	49	14	5.6	0.0
14/10/2023 12:00	3.5	51	15	4.4	0.0
14/10/2023 12:10	3.6	50	14	5.6	0.0
14/10/2023 12:20	3.4	54	15	4.6	0.0
14/10/2023 12:30	3.9	64	10	4.8	0.0
14/10/2023 12:40	3.6	61	10	4.4	0.0
14/10/2023 12:50	3.5	53	11	4.4	0.0
14/10/2023 13:00	3.4	58	10	4.4	0.0
14/10/2023 13:10	3.4	63	9	4.1	0.0
14/10/2023 13:20	3.2	58	11	4.1	0.0
14/10/2023 13:30	3.1	50	11	4.0	0.0
14/10/2023 13:40	2.9	53	11	3.6	0.0
14/10/2023 13:50	3.0	57	13	3.8	0.0
14/10/2023 14:00	2.9	51	14	4.0	0.0
14/10/2023 14:10	2.9	50	18	4.2	0.0
14/10/2023 14:20	2.9	59	13	4.3	0.0
14/10/2023 14:30	3.1	60	13	4.2	0.0
14/10/2023 14:40	3.7	47	15	5.5	0.0
14/10/2023 14:50	3.5	53	13	5.8	0.0
14/10/2023 15:00	3.3	51	15	4.8	0.0
14/10/2023 15:10	3.0	48	14	4.2	0.0
14/10/2023 15:20	3.7	44	14	5.2	0.0
14/10/2023 15:30	4.4	44	13	6.4	0.0
14/10/2023 15:40	4.6	38	14	6.4	0.0
14/10/2023 15:50	4.6	44	14	6.5	0.0
14/10/2023 16:00	4.1	49	14	6.4	0.0
14/10/2023 16:10	3.6	52	15	5.3	0.0
14/10/2023 16:20	3.2	47	14	4.4	0.0
14/10/2023 16:30	3.8	39	16	5.6	0.0
14/10/2023 16:40	4.0	36	13	6.1	0.0
14/10/2023 16:50	4.2	35	13	6.4	0.0
14/10/2023 17:00	4.0	35	14	6.2	0.0
14/10/2023 17:10	3.8	39	15	5.7	0.0
14/10/2023 17:20	3.7	37	16	6.6	0.0
14/10/2023 17:30	3.4	42	17	5.8	0.0
14/10/2023 17:40	2.5	48	17	3.8	0.0
14/10/2023 17:50	2.5	30	14	4.6	0.0
14/10/2023 18:00	2.8	29	15	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/10/2023 18:10	2.7	25	15	4.4	0.0
14/10/2023 18:20	2.6	26	15	4.1	0.0
14/10/2023 18:30	2.7	30	14	3.9	0.0
14/10/2023 18:40	2.8	29	13	4.4	0.0
14/10/2023 18:50	1.8	45	16	2.7	0.0
14/10/2023 19:00	2.1	49	15	3.1	0.0
14/10/2023 19:10	1.8	62	14	2.8	0.0
14/10/2023 19:20	1.4	66	18	2.1	0.0
14/10/2023 19:30	1.2	84	20	1.9	0.0
14/10/2023 19:40	1.3	91	14	2.0	0.0
14/10/2023 19:50	1.3	89	15	2.0	0.0
14/10/2023 20:00	1.4	80	16	2.0	0.0
14/10/2023 20:10	1.8	71	16	2.8	0.0
14/10/2023 20:20	1.8	71	21	2.8	0.0
14/10/2023 20:30	1.2	74	19	2.3	0.0
14/10/2023 20:40	1.6	72	16	2.4	0.0
14/10/2023 20:50	0.6	78	20	1.5	0.0
14/10/2023 21:00					0.0
14/10/2023 21:10	0.3	184	9	1.2	0.0
14/10/2023 21:20	1.0	229	17	1.6	0.0
14/10/2023 21:30	0.8	316	27	1.6	0.0
14/10/2023 21:40	0.2	198	28	0.7	0.0
14/10/2023 21:50	0.6	262	14	1.2	0.0
14/10/2023 22:00	0.7	243	18	1.1	0.0
14/10/2023 22:10	0.0	260	3	0.5	0.0
14/10/2023 22:20	0.2	335	6	0.8	0.0
14/10/2023 22:30					0.0
14/10/2023 22:40					0.0
14/10/2023 22:50					0.0
14/10/2023 23:00					0.0
14/10/2023 23:10	0.5	356	5	1.0	0.0
14/10/2023 23:20	0.5	339	9	0.9	0.0
14/10/2023 23:30	0.6	166	19	1.0	0.0
14/10/2023 23:40	0.4	84	27	1.1	0.0
14/10/2023 23:50	0.2	39	24	0.8	0.0
15/10/2023 0:00	1.1	105	18	2.0	0.0
15/10/2023 0:10	1.3	114	20	1.9	0.0
15/10/2023 0:20	1.6	108	24	2.4	0.0
15/10/2023 0:30	1.8	122	27	3.1	0.0
15/10/2023 0:40	1.5	116	29	2.9	0.0
15/10/2023 0:50	0.8	86	50	1.5	0.0
15/10/2023 1:00	1.9	165	20	3.2	0.0
15/10/2023 1:10	1.9	173	32	3.5	0.0
15/10/2023 1:20	2.1	178	21	3.5	0.0
15/10/2023 1:30	0.9	178	61	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 1:40	0.8	255	61	2.7	0.0
15/10/2023 1:50	1.6	181	28	2.9	0.0
15/10/2023 2:00	1.1	21	43	1.7	0.0
15/10/2023 2:10	0.8	48	34	1.6	0.0
15/10/2023 2:20	0.9	309	27	1.6	0.0
15/10/2023 2:30	1.9	182	40	3.1	0.0
15/10/2023 2:40	1.2	39	65	3.1	0.0
15/10/2023 2:50	2.7	148	16	3.9	0.0
15/10/2023 3:00	2.4	157	16	3.7	0.0
15/10/2023 3:10	1.9	152	23	3.1	0.0
15/10/2023 3:20	1.1	129	38	1.8	0.0
15/10/2023 3:30	1.3	113	37	2.3	0.0
15/10/2023 3:40	2.2	141	22	3.5	0.0
15/10/2023 3:50	2.5	141	18	3.6	0.0
15/10/2023 4:00	2.2	146	18	3.1	0.0
15/10/2023 4:10	2.0	124	20	3.7	0.0
15/10/2023 4:20	2.0	111	22	3.0	0.0
15/10/2023 4:30	1.7	109	24	3.2	0.0
15/10/2023 4:40	2.3	102	21	3.6	0.0
15/10/2023 4:50	1.7	109	22	2.6	0.0
15/10/2023 5:00	1.9	118	20	3.1	0.0
15/10/2023 5:10	2.3	125	25	3.9	0.0
15/10/2023 5:20	2.5	143	20	4.0	0.0
15/10/2023 5:30	2.4	136	20	3.8	0.0
15/10/2023 5:40	2.8	150	17	4.5	0.0
15/10/2023 5:50	2.9	151	22	5.2	0.0
15/10/2023 6:00	2.5	143	21	4.7	0.0
15/10/2023 6:10	2.5	133	31	4.2	0.0
15/10/2023 6:20	2.5	121	22	4.6	0.0
15/10/2023 6:30	3.1	136	27	5.1	0.0
15/10/2023 6:40	3.1	138	22	6.0	0.0
15/10/2023 6:50	3.1	132	24	4.8	0.0
15/10/2023 7:00	2.5	129	28	3.7	0.0
15/10/2023 7:10	1.9	114	25	3.2	0.0
15/10/2023 7:20	2.5	127	23	5.1	0.0
15/10/2023 7:30	2.4	118	26	4.1	0.0
15/10/2023 7:40	2.3	111	24	4.1	0.0
15/10/2023 7:50	2.4	102	21	4.3	0.0
15/10/2023 8:00	2.4	99	20	3.9	0.0
15/10/2023 8:10	2.3	110	19	4.0	0.0
15/10/2023 8:20	2.4	122	25	3.6	0.0
15/10/2023 8:30	2.4	113	24	4.0	0.0
15/10/2023 8:40	2.3	116	25	3.7	0.0
15/10/2023 8:50	2.3	111	23	3.6	0.0
15/10/2023 9:00	2.8	94	21	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 9:10	2.7	67	16	3.8	0.0
15/10/2023 9:20	2.5	68	18	3.6	0.0
15/10/2023 9:30	2.6	66	17	3.6	0.0
15/10/2023 9:40	2.5	47	13	3.2	0.0
15/10/2023 9:50	2.2	54	19	3.5	0.0
15/10/2023 10:00	2.5	55	15	3.3	0.0
15/10/2023 10:10	2.4	48	16	3.6	0.0
15/10/2023 10:20	2.9	58	11	3.6	0.0
15/10/2023 10:30	3.2	52	9	4.0	0.0
15/10/2023 10:40	3.3	62	10	4.0	0.0
15/10/2023 10:50	2.7	70	19	4.0	0.0
15/10/2023 11:00	3.1	59	16	4.2	0.0
15/10/2023 11:10	3.2	64	12	4.3	0.0
15/10/2023 11:20	3.0	55	15	3.8	0.0
15/10/2023 11:30	2.9	57	14	4.2	0.0
15/10/2023 11:40	3.4	62	16	4.5	0.0
15/10/2023 11:50	3.1	58	17	4.2	0.0
15/10/2023 12:00	3.5	49	15	4.6	0.0
15/10/2023 12:10	3.9	45	13	5.2	0.0
15/10/2023 12:20	3.3	48	15	4.4	0.0
15/10/2023 12:30	3.2	49	14	4.8	0.0
15/10/2023 12:40	4.1	43	13	5.9	0.0
15/10/2023 12:50	4.4	36	17	5.9	0.0
15/10/2023 13:00	4.2	23	14	6.1	0.0
15/10/2023 13:10	4.0	38	15	5.5	0.0
15/10/2023 13:20	3.3	56	15	4.4	0.0
15/10/2023 13:30	3.3	58	14	4.6	0.0
15/10/2023 13:40	3.4	59	13	4.6	0.0
15/10/2023 13:50	3.1	58	15	4.4	0.0
15/10/2023 14:00	3.2	60	14	4.4	0.0
15/10/2023 14:10	3.1	62	15	4.6	0.0
15/10/2023 14:20	3.0	60	16	4.4	0.0
15/10/2023 14:30	3.1	55	14	4.5	0.0
15/10/2023 14:40	3.5	47	14	5.2	0.0
15/10/2023 14:50	3.5	52	14	4.8	0.0
15/10/2023 15:00	3.8	51	15	5.2	0.0
15/10/2023 15:10	3.1	40	18	4.4	0.0
15/10/2023 15:20	3.4	17	19	5.6	0.0
15/10/2023 15:30	4.3	182	14	6.0	0.0
15/10/2023 15:40	3.7	32	17	5.3	0.0
15/10/2023 15:50	3.7	181	16	5.0	0.0
15/10/2023 16:00	4.3	348	13	6.6	0.0
15/10/2023 16:10	4.6	345	13	6.2	0.0
15/10/2023 16:20	4.8	352	11	6.6	0.0
15/10/2023 16:30	4.1	346	15	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/10/2023 16:40	3.6	332	15	5.4	0.0
15/10/2023 16:50	3.6	335	14	5.3	0.0
15/10/2023 17:00	3.9	337	18	6.0	0.0
15/10/2023 17:10	3.0	325	17	4.4	0.0
15/10/2023 17:20	4.3	330	15	6.5	0.0
15/10/2023 17:30	4.3	333	13	6.1	0.0
15/10/2023 17:40	5.0	335	14	7.1	0.0
15/10/2023 17:50	5.1	336	10	7.3	0.0
15/10/2023 18:00	2.7	302	32	5.1	0.0
15/10/2023 18:10	2.0	285	31	3.5	0.0
15/10/2023 18:20	2.3	271	20	3.7	0.0
15/10/2023 18:30	2.7	259	24	4.1	0.0
15/10/2023 18:40	3.0	264	18	4.8	0.0
15/10/2023 18:50	3.4	287	16	4.7	0.0
15/10/2023 19:00	3.9	306	14	5.3	0.0
15/10/2023 19:10	3.5	303	17	5.4	0.0
15/10/2023 19:20	3.4	295	17	4.6	0.0
15/10/2023 19:30	3.1	283	21	4.8	0.0
15/10/2023 19:40	2.6	269	25	4.6	0.0
15/10/2023 19:50	2.4	252	25	4.4	0.0
15/10/2023 20:00	2.3	229	23	4.0	0.0
15/10/2023 20:10	2.3	252	20	3.7	0.0
15/10/2023 20:20	1.8	233	28	3.2	0.0
15/10/2023 20:30	1.6	245	30	2.8	0.0
15/10/2023 20:40	1.6	229	32	2.4	0.0
15/10/2023 20:50	1.8	249	25	3.0	0.0
15/10/2023 21:00	1.8	222	27	3.0	0.0
15/10/2023 21:10	2.2	247	25	3.8	0.0
15/10/2023 21:20	1.9	255	23	3.0	0.0
15/10/2023 21:30	1.5	210	32	2.5	0.0
15/10/2023 21:40	1.0	262	37	2.2	0.0
15/10/2023 21:50	1.1	226	42	2.3	0.0
15/10/2023 22:00	1.3	211	37	2.0	0.0
15/10/2023 22:10	1.5	235	40	2.7	0.0
15/10/2023 22:20	1.1	234	44	2.1	0.0
15/10/2023 22:30	1.1	264	48	2.1	0.0
15/10/2023 22:40	0.8	262	40	2.0	0.0
15/10/2023 22:50	1.1	256	40	2.2	0.0
15/10/2023 23:00	1.5	207	30	2.8	0.0
15/10/2023 23:10	0.6	140	49	1.8	0.0
15/10/2023 23:20	1.0	251	35	2.0	0.0
15/10/2023 23:30	0.8	206	48	2.2	0.0
15/10/2023 23:40	0.6	51	36	0.9	0.0
15/10/2023 23:50	0.3	128	14	1.0	0.0
16/10/2023 0:00	0.7	202	37	1.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 0:10	1.6	211	25	2.6	0.0
16/10/2023 0:20	1.4	194	28	3.0	0.0
16/10/2023 0:30	2.0	205	19	3.3	0.0
16/10/2023 0:40	1.9	206	29	3.1	0.0
16/10/2023 0:50	1.7	241	45	3.0	0.0
16/10/2023 1:00	0.8	299	66	2.0	0.0
16/10/2023 1:10	2.0	259	20	2.8	0.0
16/10/2023 1:20	1.7	246	43	2.7	0.0
16/10/2023 1:30	1.1	282	41	2.4	0.0
16/10/2023 1:40	1.4	303	29	2.0	0.0
16/10/2023 1:50	1.2	294	34	2.3	0.0
16/10/2023 2:00	1.6	301	38	2.4	0.0
16/10/2023 2:10	1.3	265	47	3.2	0.0
16/10/2023 2:20	1.7	294	21	2.4	0.0
16/10/2023 2:30	1.9	288	32	3.2	0.0
16/10/2023 2:40	1.1	15	35	1.6	0.0
16/10/2023 2:50	0.3	340	15	1.0	0.0
16/10/2023 3:00	1.0	271	65	2.3	0.0
16/10/2023 3:10	0.6	170	56	1.3	0.0
16/10/2023 3:20	2.7	197	17	4.8	0.0
16/10/2023 3:30	3.6	189	14	5.2	0.0
16/10/2023 3:40	4.3	185	11	6.0	0.0
16/10/2023 3:50	4.0	189	15	6.1	0.0
16/10/2023 4:00	2.7	191	19	4.2	0.0
16/10/2023 4:10	3.1	195	20	5.1	0.0
16/10/2023 4:20	3.7	192	13	5.0	0.0
16/10/2023 4:30	4.0	196	12	5.7	0.0
16/10/2023 4:40	3.5	194	13	5.2	0.0
16/10/2023 4:50	3.7	196	12	5.6	0.0
16/10/2023 5:00	3.5	198	14	5.3	0.0
16/10/2023 5:10	3.6	195	14	5.0	0.0
16/10/2023 5:20	3.9	197	11	5.5	0.0
16/10/2023 5:30	4.3	194	14	5.6	0.0
16/10/2023 5:40	4.1	192	13	6.0	0.0
16/10/2023 5:50	3.1	182	19	4.4	0.0
16/10/2023 6:00	3.2	156	20	5.2	0.0
16/10/2023 6:10	3.7	142	20	6.2	0.0
16/10/2023 6:20	3.5	145	24	6.8	0.0
16/10/2023 6:30	2.9	157	21	4.7	0.0
16/10/2023 6:40	3.0	153	21	4.9	0.0
16/10/2023 6:50	3.2	149	24	5.2	0.0
16/10/2023 7:00	3.5	135	23	6.1	0.0
16/10/2023 7:10	2.7	126	39	4.4	0.0
16/10/2023 7:20	3.2	126	31	6.4	0.0
16/10/2023 7:30	2.8	108	31	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 7:40	3.3	107	21	5.2	0.0
16/10/2023 7:50	3.2	129	27	5.3	0.0
16/10/2023 8:00	3.5	125	21	6.0	0.0
16/10/2023 8:10	2.9	121	24	4.6	0.0
16/10/2023 8:20	2.2	108	31	3.8	0.0
16/10/2023 8:30	2.4	96	30	4.5	0.0
16/10/2023 8:40	3.9	80	16	6.3	0.0
16/10/2023 8:50	4.4	83	16	6.4	0.0
16/10/2023 9:00	5.0	80	14	7.2	0.0
16/10/2023 9:10	4.9	84	13	7.4	0.0
16/10/2023 9:20	4.9	86	16	6.9	0.0
16/10/2023 9:30	5.7	86	14	8.1	0.0
16/10/2023 9:40	5.6	84	14	7.6	0.0
16/10/2023 9:50	5.3	86	11	7.1	0.0
16/10/2023 10:00	5.2	85	14	7.7	0.0
16/10/2023 10:10	5.0	85	14	6.7	0.0
16/10/2023 10:20	4.7	83	16	6.6	0.0
16/10/2023 10:30	4.8	83	16	7.1	0.0
16/10/2023 10:40	4.7	75	14	6.6	0.0
16/10/2023 10:50	4.1	76	15	5.9	0.0
16/10/2023 11:00	4.5	75	14	6.1	0.0
16/10/2023 11:10	3.9	76	13	5.2	0.0
16/10/2023 11:20	3.2	62	20	5.1	0.0
16/10/2023 11:30	3.1	70	18	4.7	0.0
16/10/2023 11:40	3.9	52	12	5.3	0.0
16/10/2023 11:50	4.5	54	11	6.0	0.0
16/10/2023 12:00	4.3	56	12	5.5	0.0
16/10/2023 12:10	4.0	51	11	5.3	0.0
16/10/2023 12:20	3.8	51	11	5.5	0.0
16/10/2023 12:30	3.9	51	11	5.1	0.0
16/10/2023 12:40	3.4	65	11	4.4	0.0
16/10/2023 12:50	3.6	49	14	4.8	0.0
16/10/2023 13:00	4.1	49	11	5.2	0.0
16/10/2023 13:10	3.6	49	14	5.2	0.0
16/10/2023 13:20	4.0	49	10	6.0	0.0
16/10/2023 13:30	4.0	47	12	5.2	0.0
16/10/2023 13:40	3.8	49	14	5.3	0.0
16/10/2023 13:50	3.7	47	14	4.9	0.0
16/10/2023 14:00	3.9	41	14	5.5	0.0
16/10/2023 14:10	4.5	42	10	5.9	0.0
16/10/2023 14:20	4.5	42	12	6.0	0.0
16/10/2023 14:30	4.7	35	16	6.7	0.0
16/10/2023 14:40	5.9	33	13	8.3	0.0
16/10/2023 14:50	5.2	35	14	7.4	0.0
16/10/2023 15:00	5.9	36	12	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 15:10	6.3	35	15	9.5	0.0
16/10/2023 15:20	5.6	36	13	8.5	0.0
16/10/2023 15:30	6.0	37	13	8.2	0.0
16/10/2023 15:40	5.9	34	15	8.6	0.0
16/10/2023 15:50	5.2	37	12	7.5	0.0
16/10/2023 16:00	5.4	36	13	8.2	0.0
16/10/2023 16:10	5.3	37	15	7.3	0.0
16/10/2023 16:20	4.7	38	14	6.6	0.0
16/10/2023 16:30	4.6	45	13	6.4	0.0
16/10/2023 16:40	4.8	42	13	6.4	0.0
16/10/2023 16:50	3.9	39	14	5.4	0.0
16/10/2023 17:00	3.6	32	13	5.8	0.0
16/10/2023 17:10	4.2	33	14	6.3	0.0
16/10/2023 17:20	3.8	32	13	6.0	0.0
16/10/2023 17:30	3.2	32	15	5.4	0.0
16/10/2023 17:40	4.2	27	12	6.1	0.0
16/10/2023 17:50	4.1	30	14	6.7	0.0
16/10/2023 18:00	3.3	31	15	5.3	0.0
16/10/2023 18:10	3.4	20	13	5.2	0.0
16/10/2023 18:20	2.8	27	13	4.3	0.0
16/10/2023 18:30	2.8	26	16	3.9	0.0
16/10/2023 18:40	2.5	28	16	4.5	0.0
16/10/2023 18:50	3.7	16	15	5.7	0.0
16/10/2023 19:00	3.6	16	12	5.2	0.0
16/10/2023 19:10	2.6	25	17	3.6	0.0
16/10/2023 19:20	2.0	25	13	3.2	0.0
16/10/2023 19:30	1.6	6	16	3.2	0.0
16/10/2023 19:40	1.3	351	25	2.0	0.0
16/10/2023 19:50	0.7	345	49	1.6	0.0
16/10/2023 20:00	0.5	314	52	1.2	0.0
16/10/2023 20:10	1.4	328	21	2.2	0.0
16/10/2023 20:20	0.9	262	31	1.3	0.0
16/10/2023 20:30	1.0	248	44	1.7	0.0
16/10/2023 20:40	0.8	309	39	1.2	0.0
16/10/2023 20:50	0.6	295	46	1.4	0.0
16/10/2023 21:00	1.0	247	29	1.6	0.0
16/10/2023 21:10	1.0	240	23	1.4	0.0
16/10/2023 21:20	1.5	199	14	2.1	0.0
16/10/2023 21:30	1.5	181	22	2.0	0.0
16/10/2023 21:40	0.5	93	69	1.4	0.0
16/10/2023 21:50	0.4	158	25	1.0	0.0
16/10/2023 22:00	1.2	168	34	1.9	0.0
16/10/2023 22:10	1.1	167	26	1.5	0.0
16/10/2023 22:20	3.3	198	13	5.2	0.0
16/10/2023 22:30	2.4	193	16	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/10/2023 22:40	2.8	181	15	4.1	0.0
16/10/2023 22:50	3.3	190	14	4.8	0.0
16/10/2023 23:00	3.0	182	21	4.1	0.0
16/10/2023 23:10	1.1	21	63	2.0	0.0
16/10/2023 23:20	1.3	190	32	2.8	0.0
16/10/2023 23:30	1.9	146	54	4.0	0.0
16/10/2023 23:40	3.4	196	12	4.7	0.0
16/10/2023 23:50	4.0	191	9	5.2	0.0
17/10/2023 0:00	4.3	183	10	5.5	0.0
17/10/2023 0:10	3.7	175	14	5.1	0.0
17/10/2023 0:20	2.9	170	21	4.4	0.0
17/10/2023 0:30	1.2	154	81	2.1	0.0
17/10/2023 0:40	2.3	185	49	4.0	0.0
17/10/2023 0:50	3.3	177	18	4.9	0.0
17/10/2023 1:00	2.8	170	20	4.4	0.0
17/10/2023 1:10	2.4	163	19	3.6	0.0
17/10/2023 1:20	2.8	163	14	4.1	0.0
17/10/2023 1:30	2.9	161	13	4.0	0.0
17/10/2023 1:40	2.6	160	13	3.7	0.0
17/10/2023 1:50	3.0	161	13	4.1	0.0
17/10/2023 2:00	2.9	161	11	4.4	0.0
17/10/2023 2:10	3.1	168	13	4.1	0.0
17/10/2023 2:20	2.6	164	14	4.0	0.0
17/10/2023 2:30	2.2	156	16	3.2	0.0
17/10/2023 2:40	2.7	159	17	3.9	0.0
17/10/2023 2:50	2.6	154	20	4.0	0.0
17/10/2023 3:00	3.0	177	14	4.5	0.0
17/10/2023 3:10	2.8	178	13	4.0	0.0
17/10/2023 3:20	3.7	176	11	4.8	0.0
17/10/2023 3:30	3.4	177	12	4.8	0.0
17/10/2023 3:40	3.3	176	11	4.5	0.0
17/10/2023 3:50	3.1	174	13	4.4	0.0
17/10/2023 4:00	3.3	179	14	4.4	0.0
17/10/2023 4:10	3.1	174	13	4.2	0.0
17/10/2023 4:20	3.1	180	13	4.3	0.0
17/10/2023 4:30	3.1	185	12	4.5	0.0
17/10/2023 4:40	4.1	193	9	5.2	0.0
17/10/2023 4:50	5.5	195	8	7.2	0.0
17/10/2023 5:00	5.2	187	10	6.6	0.0
17/10/2023 5:10	5.4	189	10	6.8	0.0
17/10/2023 5:20	6.4	194	8	7.8	0.0
17/10/2023 5:30	5.6	191	10	7.1	0.0
17/10/2023 5:40	5.3	189	10	6.8	0.0
17/10/2023 5:50	5.3	189	11	6.8	0.0
17/10/2023 6:00	5.5	191	10	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 6:10	5.8	195	8	7.1	0.0
17/10/2023 6:20	5.9	201	8	6.9	0.0
17/10/2023 6:30	5.8	201	8	6.8	0.0
17/10/2023 6:40	6.1	198	7	7.5	0.0
17/10/2023 6:50	5.6	196	9	6.8	0.0
17/10/2023 7:00	4.7	191	11	6.0	0.0
17/10/2023 7:10	3.4	168	17	5.0	0.0
17/10/2023 7:20	2.3	161	20	3.5	0.0
17/10/2023 7:30	2.7	149	24	4.7	0.0
17/10/2023 7:40	2.6	140	28	4.8	0.0
17/10/2023 7:50	2.4	134	26	4.7	0.0
17/10/2023 8:00	2.2	137	33	3.6	0.0
17/10/2023 8:10	2.5	150	24	4.0	0.0
17/10/2023 8:20	2.5	146	27	4.4	0.0
17/10/2023 8:30	2.5	134	31	3.6	0.0
17/10/2023 8:40	2.5	138	25	5.3	0.0
17/10/2023 8:50	2.5	116	29	4.8	0.0
17/10/2023 9:00	2.7	117	28	4.5	0.0
17/10/2023 9:10	2.3	121	28	4.0	0.0
17/10/2023 9:20	2.2	73	26	3.6	0.0
17/10/2023 9:30	2.2	64	21	3.5	0.0
17/10/2023 9:40	2.6	73	21	4.1	0.0
17/10/2023 9:50	2.9	70	20	3.8	0.0
17/10/2023 10:00	2.8	77	15	4.2	0.0
17/10/2023 10:10	3.6	61	13	5.0	0.0
17/10/2023 10:20	3.5	56	13	4.6	0.0
17/10/2023 10:30	3.4	49	13	4.6	0.0
17/10/2023 10:40	3.3	40	12	4.3	0.0
17/10/2023 10:50	3.3	47	11	4.1	0.0
17/10/2023 11:00	3.0	54	15	3.8	0.0
17/10/2023 11:10	3.4	64	10	4.5	0.0
17/10/2023 11:20	3.4	64	9	4.4	0.0
17/10/2023 11:30	3.1	55	14	4.1	0.0
17/10/2023 11:40	3.1	50	11	4.0	0.0
17/10/2023 11:50	3.3	60	15	4.4	0.0
17/10/2023 12:00	2.8	56	16	3.6	0.0
17/10/2023 12:10	3.0	47	15	4.2	0.0
17/10/2023 12:20	3.5	46	13	4.7	0.0
17/10/2023 12:30	3.8	40	14	5.1	0.0
17/10/2023 12:40	3.9	41	13	5.4	0.0
17/10/2023 12:50	3.8	45	16	5.2	0.0
17/10/2023 13:00	4.7	41	13	7.0	0.0
17/10/2023 13:10	5.0	37	13	7.3	0.0
17/10/2023 13:20	4.9	41	13	7.2	0.0
17/10/2023 13:30	5.1	42	13	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 13:40	4.5	42	13	6.0	0.0
17/10/2023 13:50	4.7	42	12	6.4	0.0
17/10/2023 14:00	4.6	38	16	6.8	0.0
17/10/2023 14:10	5.0	40	14	7.2	0.0
17/10/2023 14:20	5.0	44	12	6.7	0.0
17/10/2023 14:30	5.1	41	15	7.1	0.0
17/10/2023 14:40	5.1	41	14	6.9	0.0
17/10/2023 14:50	5.5	38	15	7.8	0.0
17/10/2023 15:00	5.3	39	15	7.2	0.0
17/10/2023 15:10	4.9	39	12	7.1	0.0
17/10/2023 15:20	4.7	37	14	6.8	0.0
17/10/2023 15:30	5.1	36	15	7.2	0.0
17/10/2023 15:40	5.4	35	14	7.7	0.0
17/10/2023 15:50	5.5	33	13	8.1	0.0
17/10/2023 16:00	5.2	34	14	7.2	0.0
17/10/2023 16:10	4.7	42	14	6.4	0.0
17/10/2023 16:20	4.7	38	13	7.2	0.0
17/10/2023 16:30	4.2	40	16	5.6	0.0
17/10/2023 16:40	4.7	46	12	6.3	0.0
17/10/2023 16:50	4.1	46	11	5.7	0.0
17/10/2023 17:00	4.0	46	11	5.5	0.0
17/10/2023 17:10	3.9	45	12	5.2	0.0
17/10/2023 17:20	3.5	33	16	5.2	0.0
17/10/2023 17:30	4.2	21	13	6.4	0.0
17/10/2023 17:40	3.9	22	16	6.0	0.0
17/10/2023 17:50	4.0	19	12	6.2	0.0
17/10/2023 18:00	4.0	17	11	5.7	0.0
17/10/2023 18:10	3.7	23	13	5.2	0.0
17/10/2023 18:20	3.4	26	12	4.8	0.0
17/10/2023 18:30	1.8	22	15	2.8	0.0
17/10/2023 18:40	1.7	15	20	2.6	0.0
17/10/2023 18:50	2.0	6	16	3.1	0.0
17/10/2023 19:00	1.9	19	14	3.6	0.0
17/10/2023 19:10	1.5	14	18	2.8	0.0
17/10/2023 19:20	1.0	28	18	2.1	0.0
17/10/2023 19:30	0.7	150	26	1.3	0.0
17/10/2023 19:40	1.2	233	15	2.1	0.0
17/10/2023 19:50	2.4	229	20	3.4	0.0
17/10/2023 20:00	1.9	282	18	2.9	0.0
17/10/2023 20:10	2.1	263	21	3.2	0.0
17/10/2023 20:20	2.0	268	16	3.2	0.0
17/10/2023 20:30	1.5	253	25	2.8	0.0
17/10/2023 20:40	1.8	235	23	2.7	0.0
17/10/2023 20:50	1.6	209	28	2.8	0.0
17/10/2023 21:00	1.8	208	17	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/10/2023 21:10	2.0	206	19	3.0	0.0
17/10/2023 21:20	1.7	215	35	2.8	0.0
17/10/2023 21:30	1.7	208	23	2.6	0.0
17/10/2023 21:40	1.1	202	27	1.8	0.0
17/10/2023 21:50	0.7	258	43	1.6	0.0
17/10/2023 22:00	0.6	194	53	1.1	0.0
17/10/2023 22:10	1.5	201	52	3.6	0.0
17/10/2023 22:20	1.3	176	36	2.6	0.0
17/10/2023 22:30	2.7	199	13	3.8	0.0
17/10/2023 22:40	2.6	204	19	3.6	0.0
17/10/2023 22:50	3.8	203	13	5.5	0.0
17/10/2023 23:00	2.5	209	23	4.2	0.0
17/10/2023 23:10	3.1	201	16	4.4	0.0
17/10/2023 23:20	3.6	200	11	4.9	0.0
17/10/2023 23:30	3.2	202	11	4.5	0.0
17/10/2023 23:40	3.1	203	15	4.7	0.0
17/10/2023 23:50	2.3	204	20	3.2	0.0
18/10/2023 0:00	2.3	197	17	3.5	0.0
18/10/2023 0:10	2.9	206	14	4.0	0.0
18/10/2023 0:20	2.6	203	13	3.4	0.0
18/10/2023 0:30	2.1	206	13	2.9	0.0
18/10/2023 0:40	0.8	195	83	2.0	0.0
18/10/2023 0:50	0.6	199	47	1.1	0.0
18/10/2023 1:00	1.6	349	19	2.3	0.0
18/10/2023 1:10	1.0	347	42	1.6	0.0
18/10/2023 1:20	1.1	87	52	1.6	0.0
18/10/2023 1:30	0.5	75	44	1.0	0.0
18/10/2023 1:40	0.1	342	10	0.6	0.0
18/10/2023 1:50	0.4	118	7	1.3	0.0
18/10/2023 2:00	1.3	341	42	2.0	0.0
18/10/2023 2:10	0.6	201	34	1.3	0.0
18/10/2023 2:20	0.5	234	14	0.9	0.0
18/10/2023 2:30	0.3	228	4	0.8	0.0
18/10/2023 2:40	0.3	178	10	1.0	0.0
18/10/2023 2:50	0.6	139	36	1.0	0.0
18/10/2023 3:00	0.2	179	40	0.9	0.0
18/10/2023 3:10					0.0
18/10/2023 3:20					0.0
18/10/2023 3:30					0.0
18/10/2023 3:40	0.3	31	2	0.9	0.0
18/10/2023 3:50	0.3	16	4	0.8	0.0
18/10/2023 4:00	0.8	324	27	1.6	0.0
18/10/2023 4:10	0.7	183	28	1.4	0.0
18/10/2023 4:20	1.0	19	27	2.0	0.0
18/10/2023 4:30	1.1	99	50	1.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 4:40	2.3	175	52	4.6	0.0
18/10/2023 4:50	3.2	184	19	4.7	0.0
18/10/2023 5:00	3.9	179	14	6.2	0.0
18/10/2023 5:10	4.6	183	12	6.2	0.0
18/10/2023 5:20	5.2	182	10	6.7	0.0
18/10/2023 5:30	4.4	181	11	5.6	0.0
18/10/2023 5:40	4.3	185	13	6.3	0.0
18/10/2023 5:50	4.2	181	15	5.6	0.0
18/10/2023 6:00	3.6	172	17	5.2	0.0
18/10/2023 6:10	3.2	171	16	4.8	0.0
18/10/2023 6:20	4.0	170	15	5.5	0.0
18/10/2023 6:30	4.1	167	15	5.8	0.0
18/10/2023 6:40	4.2	163	14	6.4	0.0
18/10/2023 6:50	3.5	166	17	4.8	0.0
18/10/2023 7:00	3.2	168	16	5.0	0.0
18/10/2023 7:10	3.8	166	18	6.0	0.0
18/10/2023 7:20	3.9	168	15	5.2	0.0
18/10/2023 7:30	4.0	171	17	6.8	0.0
18/10/2023 7:40	3.5	170	18	5.2	0.0
18/10/2023 7:50	3.4	168	14	4.8	0.0
18/10/2023 8:00	2.8	144	18	4.8	0.0
18/10/2023 8:10	2.5	149	19	3.5	0.0
18/10/2023 8:20	2.4	150	22	3.6	0.0
18/10/2023 8:30	2.1	124	18	2.9	0.0
18/10/2023 8:40	2.3	89	16	3.2	0.0
18/10/2023 8:50	2.6	68	13	3.5	0.0
18/10/2023 9:00	2.6	75	17	3.8	0.0
18/10/2023 9:10	2.6	70	16	3.4	0.0
18/10/2023 9:20	2.7	59	18	3.5	0.0
18/10/2023 9:30	2.4	66	17	3.2	0.0
18/10/2023 9:40	2.3	67	12	2.8	0.0
18/10/2023 9:50	1.9	62	16	2.7	0.0
18/10/2023 10:00	1.7	54	11	2.1	0.0
18/10/2023 10:10	1.6	60	19	2.3	0.0
18/10/2023 10:20	1.5	48	20	2.0	0.0
18/10/2023 10:30	2.0	51	14	2.6	0.0
18/10/2023 10:40	2.7	54	10	3.2	0.0
18/10/2023 10:50	2.9	63	7	3.6	0.0
18/10/2023 11:00	2.9	61	8	3.6	0.0
18/10/2023 11:10	2.6	62	9	3.2	0.0
18/10/2023 11:20	2.7	63	11	3.6	0.0
18/10/2023 11:30	3.3	65	15	4.9	0.0
18/10/2023 11:40	3.8	70	13	5.2	0.0
18/10/2023 11:50	3.8	70	13	5.1	0.0
18/10/2023 12:00	3.5	69	15	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 12:10	3.9	69	13	5.2	0.0
18/10/2023 12:20	3.3	65	14	4.8	0.0
18/10/2023 12:30	3.6	55	12	5.2	0.0
18/10/2023 12:40	4.0	56	10	5.1	0.0
18/10/2023 12:50	3.8	55	12	4.9	0.0
18/10/2023 13:00	3.9	49	11	5.1	0.0
18/10/2023 13:10	3.8	53	11	4.8	0.0
18/10/2023 13:20	4.0	54	12	5.2	0.0
18/10/2023 13:30	3.7	49	14	5.2	0.0
18/10/2023 13:40	3.8	51	14	5.0	0.0
18/10/2023 13:50	3.7	47	13	5.1	0.0
18/10/2023 14:00	4.7	46	11	6.3	0.0
18/10/2023 14:10	4.7	49	10	6.1	0.0
18/10/2023 14:20	4.5	48	11	6.0	0.0
18/10/2023 14:30	4.1	43	13	5.7	0.0
18/10/2023 14:40	3.8	196	14	5.5	0.0
18/10/2023 14:50	3.9	185	17	5.5	0.0
18/10/2023 15:00	4.2	187	14	5.6	0.0
18/10/2023 15:10	3.9	337	17	5.2	0.0
18/10/2023 15:20	3.3	308	22	5.6	0.0
18/10/2023 15:30	3.5	325	14	4.8	0.0
18/10/2023 15:40	3.6	323	20	5.4	0.0
18/10/2023 15:50	3.9	323	15	5.4	0.0
18/10/2023 16:00	3.9	313	21	5.6	0.0
18/10/2023 16:10	3.4	316	20	4.8	0.0
18/10/2023 16:20	3.6	309	17	4.9	0.0
18/10/2023 16:30	3.3	320	18	5.0	0.0
18/10/2023 16:40	3.0	312	22	4.8	0.0
18/10/2023 16:50	2.6	291	29	4.0	0.0
18/10/2023 17:00	2.8	274	19	4.2	0.0
18/10/2023 17:10	2.8	271	21	4.1	0.0
18/10/2023 17:20	3.0	266	23	4.8	0.0
18/10/2023 17:30	2.4	251	29	4.2	0.0
18/10/2023 17:40	2.7	267	25	4.9	0.0
18/10/2023 17:50	3.0	276	20	4.2	0.0
18/10/2023 18:00	2.8	275	19	4.1	0.0
18/10/2023 18:10	2.6	269	18	4.2	0.0
18/10/2023 18:20	2.6	273	19	4.2	0.0
18/10/2023 18:30	2.6	273	21	4.1	0.0
18/10/2023 18:40	3.0	277	16	4.4	0.0
18/10/2023 18:50	2.4	274	25	4.5	0.0
18/10/2023 19:00	2.0	274	28	3.3	0.0
18/10/2023 19:10	2.1	275	32	4.0	0.0
18/10/2023 19:20	2.4	279	27	4.1	0.0
18/10/2023 19:30	2.5	275	18	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/10/2023 19:40	2.2	282	21	3.3	0.0
18/10/2023 19:50	2.6	272	19	3.8	0.0
18/10/2023 20:00	2.0	275	24	3.2	0.0
18/10/2023 20:10	1.7	283	25	3.2	0.0
18/10/2023 20:20	2.1	279	20	3.4	0.0
18/10/2023 20:30	2.0	288	21	3.1	0.0
18/10/2023 20:40	2.2	275	15	3.3	0.0
18/10/2023 20:50	1.9	286	22	2.9	0.0
18/10/2023 21:00	1.4	301	16	2.0	0.0
18/10/2023 21:10	1.7	309	10	2.1	0.0
18/10/2023 21:20	1.7	299	13	2.3	0.0
18/10/2023 21:30	1.7	298	13	2.3	0.0
18/10/2023 21:40	0.9	250	47	1.9	0.0
18/10/2023 21:50	1.4	263	29	2.4	0.0
18/10/2023 22:00	1.2	288	33	2.1	0.0
18/10/2023 22:10	1.5	292	21	2.2	0.0
18/10/2023 22:20	1.6	284	21	2.5	0.0
18/10/2023 22:30	1.6	305	14	2.2	0.0
18/10/2023 22:40	1.3	311	19	1.8	0.0
18/10/2023 22:50	1.3	285	20	1.8	0.0
18/10/2023 23:00	1.9	294	14	2.8	0.0
18/10/2023 23:10	1.9	292	9	2.8	0.0
18/10/2023 23:20	1.8	288	12	2.4	0.0
18/10/2023 23:30	2.0	299	11	2.8	0.0
18/10/2023 23:40	2.1	302	7	2.4	0.0
18/10/2023 23:50	1.4	290	19	1.9	0.0
19/10/2023 0:00	1.9	307	20	2.4	0.0
19/10/2023 0:10	1.9	290	22	2.6	0.0
19/10/2023 0:20	1.8	280	36	2.6	0.0
19/10/2023 0:30	2.3	296	10	2.9	0.0
19/10/2023 0:40	1.9	297	16	2.4	0.0
19/10/2023 0:50	1.5	297	30	2.4	0.0
19/10/2023 1:00	1.7	293	18	2.4	0.0
19/10/2023 1:10	1.7	295	12	2.4	0.0
19/10/2023 1:20	1.5	273	33	2.8	0.0
19/10/2023 1:30	2.0	246	50	3.3	0.0
19/10/2023 1:40	1.9	258	41	3.2	0.0
19/10/2023 1:50	1.7	283	26	2.8	0.0
19/10/2023 2:00	1.8	273	28	3.4	0.0
19/10/2023 2:10	1.2	274	66	2.6	0.0
19/10/2023 2:20	1.7	291	21	2.6	0.0
19/10/2023 2:30	2.0	282	16	2.6	0.0
19/10/2023 2:40	1.8	293	22	2.9	0.0
19/10/2023 2:50	2.5	290	10	3.1	0.0
19/10/2023 3:00	2.1	286	20	3.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 3:10	2.0	298	26	2.8	0.0
19/10/2023 3:20	2.0	300	36	2.8	0.0
19/10/2023 3:30	1.8	312	34	2.9	0.0
19/10/2023 3:40	2.5	299	14	3.2	0.0
19/10/2023 3:50	2.6	297	11	3.2	0.0
19/10/2023 4:00	1.6	320	35	2.5	0.0
19/10/2023 4:10	1.8	192	57	3.6	0.0
19/10/2023 4:20	2.9	199	10	3.9	0.0
19/10/2023 4:30	3.3	194	12	4.8	0.0
19/10/2023 4:40	3.2	203	14	4.4	0.0
19/10/2023 4:50	2.2	255	26	3.2	0.0
19/10/2023 5:00	1.5	163	47	2.4	0.0
19/10/2023 5:10	2.7	205	21	3.6	0.0
19/10/2023 5:20	1.8	264	63	3.1	0.0
19/10/2023 5:30	1.1	102	64	2.5	0.0
19/10/2023 5:40	1.0	178	48	1.7	0.0
19/10/2023 5:50	0.4	107	34	0.9	0.0
19/10/2023 6:00	0.6	263	21	1.1	0.0
19/10/2023 6:10	0.5	49	27	1.2	0.0
19/10/2023 6:20	0.4	46	54	1.6	0.0
19/10/2023 6:30	0.1	111	44	0.8	0.0
19/10/2023 6:40	0.8	172	53	1.7	0.0
19/10/2023 6:50	1.2	110	66	2.8	0.0
19/10/2023 7:00	1.3	22	55	2.2	0.0
19/10/2023 7:10	1.6	82	49	2.8	0.0
19/10/2023 7:20	2.8	169	22	4.8	0.0
19/10/2023 7:30	3.2	185	15	4.2	0.0
19/10/2023 7:40	2.8	186	15	4.0	0.0
19/10/2023 7:50	3.2	181	14	4.4	0.0
19/10/2023 8:00	3.6	187	10	4.7	0.0
19/10/2023 8:10	4.8	196	8	5.6	0.0
19/10/2023 8:20	4.3	195	8	5.3	0.0
19/10/2023 8:30	3.8	186	12	5.2	0.0
19/10/2023 8:40	3.7	188	14	5.2	0.0
19/10/2023 8:50	3.9	194	11	5.4	0.0
19/10/2023 9:00	2.9	187	23	4.4	0.0
19/10/2023 9:10	2.3	182	22	3.7	0.0
19/10/2023 9:20	2.0	135	31	3.6	0.0
19/10/2023 9:30	2.2	142	28	3.2	0.0
19/10/2023 9:40	2.0	127	34	3.0	0.0
19/10/2023 9:50	2.2	105	23	3.7	0.0
19/10/2023 10:00	2.0	118	22	3.2	0.0
19/10/2023 10:10	2.1	120	32	3.3	0.0
19/10/2023 10:20	2.3	75	20	3.7	0.0
19/10/2023 10:30	2.4	51	15	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 10:40	2.5	49	12	3.6	0.0
19/10/2023 10:50	2.3	62	16	3.2	0.0
19/10/2023 11:00	2.2	62	20	3.2	0.0
19/10/2023 11:10	2.6	68	20	3.6	0.0
19/10/2023 11:20	2.9	60	14	4.0	0.0
19/10/2023 11:30	2.7	56	17	4.0	0.0
19/10/2023 11:40	3.8	41	9	5.0	0.0
19/10/2023 11:50	3.6	47	12	4.9	0.0
19/10/2023 12:00	4.2	46	10	5.4	0.0
19/10/2023 12:10	3.3	45	15	4.5	0.0
19/10/2023 12:20	3.9	49	7	4.5	0.0
19/10/2023 12:30	3.8	46	8	4.5	0.0
19/10/2023 12:40	3.4	41	11	4.6	0.0
19/10/2023 12:50	3.2	38	17	4.5	0.0
19/10/2023 13:00	3.4	37	12	4.5	0.0
19/10/2023 13:10	3.5	38	11	4.6	0.0
19/10/2023 13:20	3.8	43	12	5.0	0.0
19/10/2023 13:30	3.8	44	11	5.2	0.0
19/10/2023 13:40	3.6	52	14	5.0	0.0
19/10/2023 13:50	3.9	47	12	5.2	0.0
19/10/2023 14:00	3.3	50	17	4.7	0.0
19/10/2023 14:10	4.0	20	16	5.9	0.0
19/10/2023 14:20	4.8	349	13	6.3	0.0
19/10/2023 14:30	6.6	347	15	9.1	0.0
19/10/2023 14:40	5.9	346	14	8.4	0.0
19/10/2023 14:50	6.3	343	13	8.3	0.0
19/10/2023 15:00	6.3	346	12	8.3	0.0
19/10/2023 15:10	5.5	343	14	7.5	0.0
19/10/2023 15:20	4.6	328	14	6.8	0.0
19/10/2023 15:30	5.3	327	18	7.5	0.0
19/10/2023 15:40	5.1	326	14	7.0	0.0
19/10/2023 15:50	4.4	326	17	5.8	0.0
19/10/2023 16:00	5.0	336	13	6.9	0.0
19/10/2023 16:10	4.9	339	14	6.4	0.0
19/10/2023 16:20	4.3	332	13	6.0	0.0
19/10/2023 16:30	3.9	320	15	5.6	0.0
19/10/2023 16:40	3.9	315	16	5.4	0.0
19/10/2023 16:50	2.7	284	27	4.7	0.0
19/10/2023 17:00	2.9	275	20	4.9	0.0
19/10/2023 17:10	3.0	264	26	4.8	0.0
19/10/2023 17:20	3.3	256	21	5.2	0.0
19/10/2023 17:30	3.4	279	19	5.2	0.0
19/10/2023 17:40	3.5	267	21	5.1	0.0
19/10/2023 17:50	3.0	268	22	4.8	0.0
19/10/2023 18:00	3.4	270	18	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/10/2023 18:10	3.0	261	23	4.8	0.0
19/10/2023 18:20	2.9	265	22	4.5	0.0
19/10/2023 18:30	2.9	266	23	4.5	0.0
19/10/2023 18:40	2.9	267	20	4.6	0.0
19/10/2023 18:50	2.6	276	22	4.7	0.0
19/10/2023 19:00	2.6	276	16	4.1	0.0
19/10/2023 19:10	2.7	273	18	4.1	0.0
19/10/2023 19:20	2.7	278	16	4.2	0.0
19/10/2023 19:30	3.1	279	16	4.7	0.0
19/10/2023 19:40	2.9	272	18	4.4	0.0
19/10/2023 19:50	3.0	276	23	4.8	0.0
19/10/2023 20:00	2.6	280	22	4.0	0.0
19/10/2023 20:10	2.6	278	17	3.8	0.0
19/10/2023 20:20	2.1	269	38	3.5	0.0
19/10/2023 20:30	1.7	249	40	3.9	0.0
19/10/2023 20:40	2.4	265	32	4.3	0.0
19/10/2023 20:50	2.0	268	36	3.7	0.0
19/10/2023 21:00	1.8	254	41	3.8	0.0
19/10/2023 21:10	2.4	263	21	4.4	0.0
19/10/2023 21:20	1.6	249	51	2.8	0.0
19/10/2023 21:30	1.4	213	59	2.9	0.0
19/10/2023 21:40	2.0	261	38	3.6	0.0
19/10/2023 21:50	1.3	266	45	2.8	0.0
19/10/2023 22:00	1.3	267	34	2.9	0.0
19/10/2023 22:10	0.9	247	58	1.8	0.0
19/10/2023 22:20	1.7	273	26	3.1	0.0
19/10/2023 22:30	1.2	282	71	2.8	0.0
19/10/2023 22:40	2.0	287	24	3.3	0.0
19/10/2023 22:50	2.1	290	17	3.1	0.0
19/10/2023 23:00	1.8	281	21	2.6	0.0
19/10/2023 23:10	0.8	281	36	2.0	0.0
19/10/2023 23:20	1.1	284	40	2.7	0.0
19/10/2023 23:30	1.7	280	34	2.8	0.0
19/10/2023 23:40	2.0	277	25	3.5	0.0
19/10/2023 23:50	2.1	284	20	3.3	0.0
20/10/2023 0:00	1.9	270	27	3.1	0.0
20/10/2023 0:10	2.2	250	32	4.4	0.0
20/10/2023 0:20	1.9	243	48	3.2	0.0
20/10/2023 0:30	2.7	268	24	4.0	0.0
20/10/2023 0:40	2.6	288	19	3.9	0.0
20/10/2023 0:50	2.5	286	22	4.4	0.0
20/10/2023 1:00	2.2	293	19	3.5	0.0
20/10/2023 1:10	2.0	293	17	2.8	0.0
20/10/2023 1:20	2.2	286	23	3.1	0.0
20/10/2023 1:30	2.4	286	15	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 1:40	2.5	281	16	3.6	0.0
20/10/2023 1:50	2.4	282	16	3.6	0.0
20/10/2023 2:00	2.4	284	13	3.0	0.0
20/10/2023 2:10	1.8	283	22	3.2	0.0
20/10/2023 2:20	1.8	282	19	2.7	0.0
20/10/2023 2:30	1.3	230	32	2.5	0.0
20/10/2023 2:40	1.4	260	49	2.8	0.0
20/10/2023 2:50	1.3	307	24	2.1	0.0
20/10/2023 3:00	1.3	320	25	1.9	0.0
20/10/2023 3:10	0.6	235	64	1.6	0.0
20/10/2023 3:20	0.4	255	42	1.1	0.0
20/10/2023 3:30	1.4	268	28	2.6	0.0
20/10/2023 3:40	1.7	327	18	2.3	0.0
20/10/2023 3:50	1.4	308	16	2.2	0.0
20/10/2023 4:00	0.7	290	7	1.6	0.0
20/10/2023 4:10	0.3	221	23	1.5	0.0
20/10/2023 4:20	0.9	270	25	2.2	0.0
20/10/2023 4:30	1.8	242	26	3.1	0.0
20/10/2023 4:40	2.2	251	17	3.4	0.0
20/10/2023 4:50	2.8	257	13	3.7	0.0
20/10/2023 5:00	2.1	256	26	3.9	0.0
20/10/2023 5:10	1.9	274	14	2.9	0.0
20/10/2023 5:20	2.1	269	14	2.8	0.0
20/10/2023 5:30	1.6	274	13	2.5	0.0
20/10/2023 5:40	1.8	273	13	2.5	0.0
20/10/2023 5:50	1.8	265	19	2.9	0.0
20/10/2023 6:00	1.5	167	80	3.1	0.0
20/10/2023 6:10	3.3	198	16	4.8	0.0
20/10/2023 6:20	4.5	195	11	5.8	0.0
20/10/2023 6:30	5.0	196	10	6.9	0.0
20/10/2023 6:40	4.0	194	12	5.8	0.0
20/10/2023 6:50	3.7	194	13	5.3	0.0
20/10/2023 7:00	3.2	192	14	4.4	0.0
20/10/2023 7:10	3.3	203	12	4.4	0.0
20/10/2023 7:20	3.0	198	15	4.4	0.0
20/10/2023 7:30	3.4	194	15	5.2	0.0
20/10/2023 7:40	3.5	196	14	5.2	0.0
20/10/2023 7:50	3.3	190	18	5.3	0.0
20/10/2023 8:00	2.5	185	27	4.5	0.0
20/10/2023 8:10	2.2	170	35	3.5	0.0
20/10/2023 8:20	1.9	169	36	2.9	0.0
20/10/2023 8:30	1.8	128	36	3.6	0.0
20/10/2023 8:40	1.3	148	36	3.0	0.0
20/10/2023 8:50	2.5	129	23	4.4	0.0
20/10/2023 9:00	2.5	135	28	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 9:10	2.3	105	25	4.4	0.0
20/10/2023 9:20	2.2	116	29	3.7	0.0
20/10/2023 9:30	2.4	58	16	3.3	0.0
20/10/2023 9:40	2.3	48	16	3.0	0.0
20/10/2023 9:50	2.6	51	17	3.6	0.0
20/10/2023 10:00	2.4	63	18	3.5	0.0
20/10/2023 10:10	2.9	61	14	3.9	0.0
20/10/2023 10:20	3.5	54	13	4.6	0.0
20/10/2023 10:30	3.0	63	16	4.3	0.0
20/10/2023 10:40	3.6	50	15	5.2	0.0
20/10/2023 10:50	3.4	48	14	4.7	0.0
20/10/2023 11:00	3.7	48	14	5.3	0.0
20/10/2023 11:10	3.7	45	14	5.2	0.0
20/10/2023 11:20	3.8	46	13	5.5	0.0
20/10/2023 11:30	3.9	41	14	5.5	0.0
20/10/2023 11:40	4.4	40	14	6.0	0.0
20/10/2023 11:50	4.7	37	14	6.2	0.0
20/10/2023 12:00	4.9	35	11	6.4	0.0
20/10/2023 12:10	4.6	37	14	6.1	0.0
20/10/2023 12:20	4.4	37	12	6.0	0.0
20/10/2023 12:30	4.0	42	14	5.6	0.0
20/10/2023 12:40	4.3	47	12	5.5	0.0
20/10/2023 12:50	4.3	42	11	5.6	0.0
20/10/2023 13:00	4.2	39	10	5.8	0.0
20/10/2023 13:10	4.5	45	11	5.8	0.0
20/10/2023 13:20	4.3	46	11	5.3	0.0
20/10/2023 13:30	4.1	40	14	5.3	0.0
20/10/2023 13:40	4.2	42	14	5.8	0.0
20/10/2023 13:50	4.2	44	13	5.4	0.0
20/10/2023 14:00	4.4	46	11	5.6	0.0
20/10/2023 14:10	4.1	48	13	5.6	0.0
20/10/2023 14:20	4.1	47	12	5.7	0.0
20/10/2023 14:30	4.2	44	15	5.5	0.0
20/10/2023 14:40	3.9	37	14	5.6	0.0
20/10/2023 14:50	4.2	39	14	6.0	0.0
20/10/2023 15:00	4.0	36	16	6.2	0.0
20/10/2023 15:10	4.5	25	14	6.2	0.0
20/10/2023 15:20	4.7	16	15	6.4	0.0
20/10/2023 15:30	5.7	358	14	7.1	0.0
20/10/2023 15:40	5.6	346	11	7.5	0.0
20/10/2023 15:50	5.4	353	15	7.1	0.0
20/10/2023 16:00	4.9	355	18	6.9	0.0
20/10/2023 16:10	5.7	353	15	7.6	0.0
20/10/2023 16:20	5.6	356	14	7.5	0.0
20/10/2023 16:30	4.8	348	12	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/10/2023 16:40	4.2	344	12	5.8	0.0
20/10/2023 16:50	4.8	340	12	6.0	0.0
20/10/2023 17:00	4.4	336	15	6.0	0.0
20/10/2023 17:10	4.2	333	9	5.6	0.0
20/10/2023 17:20	3.7	333	13	5.0	0.0
20/10/2023 17:30	4.4	340	14	6.1	0.0
20/10/2023 17:40	4.5	339	13	6.7	0.0
20/10/2023 17:50	3.6	346	17	5.6	0.0
20/10/2023 18:00	3.3	357	14	5.6	0.0
20/10/2023 18:10	3.4	349	17	5.6	0.0
20/10/2023 18:20	3.5	336	15	5.2	0.0
20/10/2023 18:30	2.4	317	22	3.6	0.0
20/10/2023 18:40	2.0	230	52	4.1	0.0
20/10/2023 18:50	2.0	246	24	3.7	0.0
20/10/2023 19:00	2.0	243	25	3.3	0.0
20/10/2023 19:10	2.3	236	26	3.5	0.0
20/10/2023 19:20	2.4	221	25	3.8	0.0
20/10/2023 19:30	2.1	259	22	3.6	0.0
20/10/2023 19:40	1.9	225	29	3.4	0.0
20/10/2023 19:50	1.7	258	48	3.6	0.0
20/10/2023 20:00	1.7	235	45	3.3	0.0
20/10/2023 20:10	1.9	278	28	2.8	0.0
20/10/2023 20:20	1.6	225	50	3.2	0.0
20/10/2023 20:30	1.9	249	49	3.4	0.0
20/10/2023 20:40	1.8	242	45	4.0	0.0
20/10/2023 20:50	1.6	235	73	3.3	0.0
20/10/2023 21:00	1.3	230	72	2.4	0.0
20/10/2023 21:10	1.6	244	44	3.2	0.0
20/10/2023 21:20	1.7	258	47	3.5	0.0
20/10/2023 21:30	1.7	255	47	3.6	0.0
20/10/2023 21:40	1.5	245	64	3.4	0.0
20/10/2023 21:50	1.4	212	54	2.6	0.0
20/10/2023 22:00	1.3	212	52	2.4	0.0
20/10/2023 22:10	1.1	222	56	2.4	0.0
20/10/2023 22:20	1.6	266	29	2.9	0.0
20/10/2023 22:30	0.8	257	38	2.0	0.0
20/10/2023 22:40	1.0	225	70	2.3	0.0
20/10/2023 22:50	1.0	268	52	2.4	0.0
20/10/2023 23:00	1.5	259	40	2.9	0.0
20/10/2023 23:10	1.8	268	28	3.0	0.0
20/10/2023 23:20	2.1	287	23	3.5	0.0
20/10/2023 23:30	1.9	305	19	2.8	0.0
20/10/2023 23:40	1.6	298	14	2.2	0.0
20/10/2023 23:50	1.8	278	23	2.8	0.0
21/10/2023 0:00	1.9	286	20	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove
2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 0:10	1.9	286	20	3.3	0.0
21/10/2023 0:20	1.9	297	18	2.8	0.0
21/10/2023 0:30	1.6	299	21	2.5	0.0
21/10/2023 0:40	2.3	304	11	3.0	0.0
21/10/2023 0:50	2.0	298	14	2.7	0.0
21/10/2023 1:00	1.8	295	13	2.4	0.0
21/10/2023 1:10	1.8	308	10	2.2	0.0
21/10/2023 1:20	1.8	314	9	2.4	0.0
21/10/2023 1:30	0.6	31	41	1.5	0.0
21/10/2023 1:40	0.1	102	2	0.8	0.0
21/10/2023 1:50	0.0	22	2	0.6	0.0
21/10/2023 2:00	0.1	318	3	0.8	0.0
21/10/2023 2:10	0.4	187	4	1.4	0.0
21/10/2023 2:20	0.0	314	0	0.4	0.0
21/10/2023 2:30	0.4	331	5	0.9	0.0
21/10/2023 2:40					0.0
21/10/2023 2:50					0.0
21/10/2023 3:00					0.0
21/10/2023 3:10	1.6	306	7	2.0	0.0
21/10/2023 3:20	0.4	257	27	1.3	0.0
21/10/2023 3:30	0.9	234	38	1.6	0.0
21/10/2023 3:40	1.7	321	10	2.3	0.0
21/10/2023 3:50	0.8	26	43	1.3	0.0
21/10/2023 4:00	0.1	184	11	0.9	0.0
21/10/2023 4:10	0.5	230	10	1.8	0.0
21/10/2023 4:20	1.4	262	54	2.0	0.0
21/10/2023 4:30	1.4	197	30	2.9	0.0
21/10/2023 4:40	1.3	256	32	2.4	0.0
21/10/2023 4:50	0.4	180	15	1.1	0.0
21/10/2023 5:00	0.7	161	46	1.5	0.0
21/10/2023 5:10	1.1	203	38	1.7	0.0
21/10/2023 5:20					0.0
21/10/2023 5:30	1.1	343	10	2.1	0.0
21/10/2023 5:40	0.1	102	14	0.7	0.0
21/10/2023 5:50	0.2	352	2	1.4	0.0
21/10/2023 6:00	0.9	225	26	1.6	0.0
21/10/2023 6:10					0.0
21/10/2023 6:20	0.4	332	7	1.2	0.0
21/10/2023 6:30					0.0
21/10/2023 6:40	0.5	84	18	0.9	0.0
21/10/2023 6:50	0.4	276	12	1.1	0.0
21/10/2023 7:00	0.3	234	20	0.9	0.0
21/10/2023 7:10	0.6	199	14	1.2	0.0
21/10/2023 7:20	1.4	248	74	2.3	0.0
21/10/2023 7:30	2.1	175	31	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 7:40	3.4	175	16	5.0	0.0
21/10/2023 7:50	3.5	176	13	4.8	0.0
21/10/2023 8:00	3.5	179	15	5.0	0.0
21/10/2023 8:10	3.2	175	14	4.8	0.0
21/10/2023 8:20	3.5	180	16	4.8	0.0
21/10/2023 8:30	2.8	178	21	4.4	0.0
21/10/2023 8:40	2.5	141	20	4.0	0.0
21/10/2023 8:50	2.5	154	22	4.3	0.0
21/10/2023 9:00	3.1	96	29	4.4	0.0
21/10/2023 9:10	3.2	72	19	5.6	0.0
21/10/2023 9:20	2.3	89	21	3.6	0.0
21/10/2023 9:30	3.0	56	13	4.1	0.0
21/10/2023 9:40	3.6	59	10	4.7	0.0
21/10/2023 9:50	3.1	62	15	4.4	0.0
21/10/2023 10:00	2.9	58	14	4.1	0.0
21/10/2023 10:10	3.6	49	16	5.2	0.0
21/10/2023 10:20	3.9	54	15	5.6	0.0
21/10/2023 10:30	4.0	46	15	6.2	0.0
21/10/2023 10:40	2.9	60	18	4.8	0.0
21/10/2023 10:50	3.8	51	14	5.4	0.0
21/10/2023 11:00	3.5	49	14	5.1	0.0
21/10/2023 11:10	3.5	48	14	5.0	0.0
21/10/2023 11:20	3.4	51	17	4.7	0.0
21/10/2023 11:30	3.6	50	17	4.5	0.0
21/10/2023 11:40	3.6	54	18	5.1	0.0
21/10/2023 11:50	3.5	51	18	5.0	0.0
21/10/2023 12:00	3.6	49	12	4.8	0.0
21/10/2023 12:10	3.3	48	16	4.4	0.0
21/10/2023 12:20	3.4	50	15	4.6	0.0
21/10/2023 12:30	3.4	57	14	4.7	0.0
21/10/2023 12:40	3.4	62	15	4.8	0.0
21/10/2023 12:50	3.9	56	12	5.5	0.0
21/10/2023 13:00	3.6	58	13	5.1	0.0
21/10/2023 13:10	3.3	57	15	4.7	0.0
21/10/2023 13:20	3.6	56	14	4.9	0.0
21/10/2023 13:30	3.7	58	13	5.0	0.0
21/10/2023 13:40	3.7	54	15	4.9	0.0
21/10/2023 13:50	3.4	55	14	4.9	0.0
21/10/2023 14:00	3.7	57	13	5.0	0.0
21/10/2023 14:10	4.0	46	13	5.6	0.0
21/10/2023 14:20	4.6	36	16	6.5	0.0
21/10/2023 14:30	5.7	31	17	7.9	0.0
21/10/2023 14:40	4.4	42	19	6.8	0.0
21/10/2023 14:50	4.9	28	15	7.4	0.0
21/10/2023 15:00	4.5	36	16	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 15:10	5.1	351	19	7.5	0.0
21/10/2023 15:20	5.5	347	12	7.5	0.0
21/10/2023 15:30	4.3	343	15	6.0	0.0
21/10/2023 15:40	5.1	334	11	6.8	0.0
21/10/2023 15:50	4.6	337	10	6.6	0.0
21/10/2023 16:00	4.6	337	14	6.6	0.0
21/10/2023 16:10	4.0	321	15	6.0	0.0
21/10/2023 16:20	4.0	338	14	5.3	0.0
21/10/2023 16:30	3.6	335	13	5.0	0.0
21/10/2023 16:40	3.3	304	25	5.0	0.0
21/10/2023 16:50	3.1	266	21	4.6	0.0
21/10/2023 17:00	2.8	282	23	3.7	0.0
21/10/2023 17:10	2.4	323	26	4.3	0.0
21/10/2023 17:20	2.8	329	18	4.4	0.0
21/10/2023 17:30	3.5	324	14	4.7	0.0
21/10/2023 17:40	2.7	327	17	4.1	0.0
21/10/2023 17:50	2.2	304	25	4.1	0.0
21/10/2023 18:00	2.6	306	33	3.8	0.0
21/10/2023 18:10	2.6	268	23	4.0	0.0
21/10/2023 18:20	3.2	277	22	5.5	0.0
21/10/2023 18:30	3.1	293	19	5.1	0.0
21/10/2023 18:40	3.4	288	18	4.6	0.0
21/10/2023 18:50	3.5	288	15	5.2	0.0
21/10/2023 19:00	3.7	311	15	5.2	0.0
21/10/2023 19:10	3.4	299	13	4.5	0.0
21/10/2023 19:20	3.3	304	16	5.0	0.0
21/10/2023 19:30	3.3	297	13	4.4	0.0
21/10/2023 19:40	2.8	292	18	4.0	0.0
21/10/2023 19:50	1.8	244	26	3.2	0.0
21/10/2023 20:00	1.9	218	23	3.2	0.0
21/10/2023 20:10	1.8	247	30	3.0	0.0
21/10/2023 20:20	1.3	247	43	2.4	0.0
21/10/2023 20:30	1.1	223	31	2.3	0.0
21/10/2023 20:40	1.0	200	20	2.0	0.0
21/10/2023 20:50	1.5	201	19	2.7	0.0
21/10/2023 21:00	0.8	181	32	1.8	0.0
21/10/2023 21:10	1.1	230	28	2.3	0.0
21/10/2023 21:20	0.1	211	19	1.1	0.0
21/10/2023 21:30					0.0
21/10/2023 21:40	0.1	307	1	1.9	0.0
21/10/2023 21:50	1.4	295	15	2.1	0.0
21/10/2023 22:00	0.4	314	21	1.6	0.0
21/10/2023 22:10	1.5	237	37	2.8	0.0
21/10/2023 22:20	0.8	202	39	2.0	0.0
21/10/2023 22:30	1.0	253	39	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/10/2023 22:40	1.3	279	32	2.5	0.0
21/10/2023 22:50	0.9	266	36	2.3	0.0
21/10/2023 23:00	1.6	246	30	2.7	0.0
21/10/2023 23:10	0.9	252	46	2.1	0.0
21/10/2023 23:20	1.4	281	36	2.5	0.0
21/10/2023 23:30	0.9	289	39	2.2	0.0
21/10/2023 23:40	1.5	291	33	2.6	0.0
21/10/2023 23:50	1.3	292	21	2.3	0.0
22/10/2023 0:00	1.1	281	41	2.8	0.0
22/10/2023 0:10	0.5	156	59	1.3	0.0
22/10/2023 0:20	0.8	315	37	1.6	0.0
22/10/2023 0:30	1.2	132	64	2.8	0.0
22/10/2023 0:40	1.9	208	66	4.6	0.0
22/10/2023 0:50	4.6	199	22	7.1	0.0
22/10/2023 1:00	5.7	200	14	7.5	0.0
22/10/2023 1:10	3.6	207	38	6.2	0.0
22/10/2023 1:20	2.6	200	39	5.2	0.0
22/10/2023 1:30	1.6	176	75	3.6	0.0
22/10/2023 1:40	1.9	241	54	3.4	0.0
22/10/2023 1:50	1.5	226	67	3.6	0.0
22/10/2023 2:00	2.1	241	45	4.2	0.0
22/10/2023 2:10	2.2	247	37	4.2	0.0
22/10/2023 2:20	2.0	270	33	3.7	0.0
22/10/2023 2:30	2.1	285	30	4.6	0.0
22/10/2023 2:40	2.3	265	51	3.9	0.0
22/10/2023 2:50	1.8	286	59	3.2	0.0
22/10/2023 3:00	1.6	284	68	3.1	0.0
22/10/2023 3:10	1.8	277	54	3.6	0.0
22/10/2023 3:20	2.1	291	20	2.8	0.0
22/10/2023 3:30	2.0	266	47	4.0	0.0
22/10/2023 3:40	5.4	199	15	7.5	0.0
22/10/2023 3:50	5.2	201	12	6.9	0.0
22/10/2023 4:00	5.2	199	13	6.8	0.0
22/10/2023 4:10	4.3	194	13	6.0	0.0
22/10/2023 4:20	2.4	254	31	4.0	0.0
22/10/2023 4:30	1.9	304	35	2.9	0.0
22/10/2023 4:40	1.9	282	33	2.9	0.0
22/10/2023 4:50	2.2	300	17	3.0	0.0
22/10/2023 5:00	2.0	313	38	3.4	0.0
22/10/2023 5:10	2.2	282	14	3.5	0.0
22/10/2023 5:20	1.3	298	33	2.1	0.0
22/10/2023 5:30	1.0	186	32	1.5	0.0
22/10/2023 5:40	0.4	231	21	1.3	0.0
22/10/2023 5:50	1.1	329	34	2.0	0.0
22/10/2023 6:00	0.7	346	7	1.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 6:10					0.0
22/10/2023 6:20	0.7	294	15	1.5	0.0
22/10/2023 6:30	1.7	304	10	2.3	0.0
22/10/2023 6:40	1.9	302	9	2.3	0.0
22/10/2023 6:50	1.8	290	12	2.3	0.0
22/10/2023 7:00	1.7	299	15	2.4	0.0
22/10/2023 7:10	1.0	307	19	2.0	0.0
22/10/2023 7:20	1.5	286	19	2.3	0.0
22/10/2023 7:30	1.1	269	22	2.0	0.0
22/10/2023 7:40	0.9	157	28	1.7	0.0
22/10/2023 7:50	1.1	100	16	1.6	0.0
22/10/2023 8:00	0.7	230	32	1.4	0.0
22/10/2023 8:10	1.5	204	34	2.8	0.0
22/10/2023 8:20	1.6	47	11	2.1	0.0
22/10/2023 8:30	1.8	93	25	2.7	0.0
22/10/2023 8:40	2.3	75	14	3.1	0.0
22/10/2023 8:50	2.1	90	14	3.0	0.0
22/10/2023 9:00	1.9	105	29	2.8	0.0
22/10/2023 9:10	2.3	53	15	3.2	0.0
22/10/2023 9:20	1.8	85	43	2.9	0.0
22/10/2023 9:30	1.9	38	20	2.8	0.0
22/10/2023 9:40	2.6	46	12	3.4	0.0
22/10/2023 9:50	2.5	53	15	3.5	0.0
22/10/2023 10:00	1.4	56	17	2.2	0.0
22/10/2023 10:10	1.9	48	17	2.7	0.0
22/10/2023 10:20	2.5	194	22	3.9	0.0
22/10/2023 10:30	2.4	202	25	3.4	0.0
22/10/2023 10:40	2.6	168	14	4.0	0.0
22/10/2023 10:50	2.4	193	27	3.6	0.0
22/10/2023 11:00	2.8	187	24	4.4	0.0
22/10/2023 11:10	2.3	195	32	3.9	0.0
22/10/2023 11:20	1.9	195	43	3.2	0.0
22/10/2023 11:30	4.0	42	24	6.1	0.0
22/10/2023 11:40	3.8	51	13	5.1	0.0
22/10/2023 11:50	3.8	53	11	5.0	0.0
22/10/2023 12:00	3.5	200	19	5.2	0.0
22/10/2023 12:10	3.0	344	24	4.5	0.0
22/10/2023 12:20	3.3	336	26	4.7	0.0
22/10/2023 12:30	4.4	348	16	6.1	0.0
22/10/2023 12:40	4.8	351	15	6.4	0.0
22/10/2023 12:50	4.9	351	12	6.4	0.0
22/10/2023 13:00	5.3	353	11	6.8	0.0
22/10/2023 13:10	5.3	347	10	7.1	0.0
22/10/2023 13:20	4.3	345	15	6.0	0.0
22/10/2023 13:30	3.5	308	21	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 13:40	3.0	299	22	4.4	0.0
22/10/2023 13:50	3.2	303	25	4.8	0.0
22/10/2023 14:00	3.9	320	17	5.9	0.0
22/10/2023 14:10	4.4	331	20	6.1	0.0
22/10/2023 14:20	4.2	330	17	6.4	0.0
22/10/2023 14:30	3.7	319	18	5.8	0.0
22/10/2023 14:40	4.0	331	16	5.9	0.0
22/10/2023 14:50	4.5	330	15	6.8	0.0
22/10/2023 15:00	4.1	324	23	6.2	0.0
22/10/2023 15:10	4.1	324	16	5.9	0.0
22/10/2023 15:20	5.0	331	16	7.1	0.0
22/10/2023 15:30	4.7	325	15	7.1	0.0
22/10/2023 15:40	4.4	325	16	6.2	0.0
22/10/2023 15:50	4.6	325	14	6.9	0.0
22/10/2023 16:00	4.2	317	19	6.5	0.0
22/10/2023 16:10	4.1	316	19	6.1	0.0
22/10/2023 16:20	4.1	328	12	5.7	0.0
22/10/2023 16:30	4.1	328	17	5.7	0.0
22/10/2023 16:40	3.5	320	16	5.2	0.0
22/10/2023 16:50	3.5	324	16	5.8	0.0
22/10/2023 17:00	3.2	315	18	4.7	0.0
22/10/2023 17:10	2.6	292	24	3.8	0.0
22/10/2023 17:20	2.8	297	17	4.8	0.0
22/10/2023 17:30	2.7	281	21	4.6	0.0
22/10/2023 17:40	2.6	267	26	4.4	0.0
22/10/2023 17:50	2.5	287	22	3.9	0.0
22/10/2023 18:00	2.2	290	24	3.2	0.0
22/10/2023 18:10	2.1	291	17	3.3	0.0
22/10/2023 18:20	2.2	285	26	3.6	0.0
22/10/2023 18:30	2.4	279	23	3.8	0.0
22/10/2023 18:40	2.2	300	24	3.5	0.0
22/10/2023 18:50	1.9	329	14	2.9	0.0
22/10/2023 19:00	2.4	333	14	3.6	0.0
22/10/2023 19:10	2.1	330	12	3.6	0.0
22/10/2023 19:20	2.9	325	12	4.0	0.0
22/10/2023 19:30	2.5	304	19	3.8	0.0
22/10/2023 19:40	2.6	314	15	4.0	0.0
22/10/2023 19:50	3.2	319	16	4.8	0.0
22/10/2023 20:00	3.0	327	11	4.4	0.0
22/10/2023 20:10	3.0	326	16	4.8	0.0
22/10/2023 20:20	3.5	335	15	5.2	0.0
22/10/2023 20:30	2.7	311	23	4.7	0.0
22/10/2023 20:40	2.4	325	20	4.0	0.0
22/10/2023 20:50	2.0	328	23	3.6	0.0
22/10/2023 21:00	2.4	324	15	4.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/10/2023 21:10	2.1	287	21	3.6	0.0
22/10/2023 21:20	1.7	295	21	2.8	0.0
22/10/2023 21:30	2.5	298	20	3.6	0.0
22/10/2023 21:40	2.5	308	20	4.8	0.0
22/10/2023 21:50	2.5	311	20	4.3	0.0
22/10/2023 22:00	2.5	292	22	4.4	0.0
22/10/2023 22:10	2.8	300	16	4.5	0.0
22/10/2023 22:20	2.9	305	20	4.5	0.0
22/10/2023 22:30	3.2	298	16	5.0	0.0
22/10/2023 22:40	2.5	310	23	4.3	0.0
22/10/2023 22:50	3.0	293	19	5.2	0.0
22/10/2023 23:00	3.2	297	15	5.0	0.0
22/10/2023 23:10	3.0	294	23	4.4	0.0
22/10/2023 23:20	3.1	297	21	5.2	0.0
22/10/2023 23:30	2.6	287	24	4.3	0.0
22/10/2023 23:40	2.5	281	24	4.2	0.0
22/10/2023 23:50	3.1	289	26	4.8	0.0
23/10/2023 0:00	2.5	286	23	3.6	0.0
23/10/2023 0:10	2.3	261	29	4.4	0.0
23/10/2023 0:20	2.2	248	31	3.8	0.0
23/10/2023 0:30	2.2	232	30	4.0	0.0
23/10/2023 0:40	2.2	226	33	3.8	0.0
23/10/2023 0:50	2.0	234	32	3.2	0.0
23/10/2023 1:00	1.9	230	39	2.8	0.0
23/10/2023 1:10	2.0	246	30	3.6	0.0
23/10/2023 1:20	1.6	251	38	2.8	0.0
23/10/2023 1:30	1.7	240	34	2.9	0.0
23/10/2023 1:40	1.2	233	42	2.0	0.0
23/10/2023 1:50	1.2	231	29	1.9	0.0
23/10/2023 2:00	1.0	211	29	2.7	0.0
23/10/2023 2:10	2.1	206	23	3.5	0.0
23/10/2023 2:20	1.8	206	28	2.9	0.0
23/10/2023 2:30	2.3	201	21	3.6	0.0
23/10/2023 2:40	1.9	189	17	2.9	0.0
23/10/2023 2:50	2.2	192	17	3.9	0.0
23/10/2023 3:00	2.5	197	14	3.5	0.0
23/10/2023 3:10	2.6	194	15	3.7	0.0
23/10/2023 3:20	2.3	195	31	4.4	0.0
23/10/2023 3:30	2.3	188	20	3.9	0.0
23/10/2023 3:40	1.6	265	26	3.2	0.0
23/10/2023 3:50	2.2	265	15	3.1	0.0
23/10/2023 4:00	2.3	258	18	3.2	0.0
23/10/2023 4:10	1.9	229	35	3.3	0.0
23/10/2023 4:20	1.6	231	38	2.9	0.0
23/10/2023 4:30	1.9	233	39	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 4:40	1.1	194	32	2.3	0.0
23/10/2023 4:50	1.1	209	55	2.4	0.0
23/10/2023 5:00	1.1	186	45	2.5	0.0
23/10/2023 5:10	1.4	271	25	2.2	0.0
23/10/2023 5:20	1.6	280	13	2.1	0.0
23/10/2023 5:30	1.5	294	8	1.9	0.0
23/10/2023 5:40	1.9	293	6	2.3	0.0
23/10/2023 5:50	1.5	297	13	1.8	0.0
23/10/2023 6:00	0.7	257	33	1.3	0.0
23/10/2023 6:10	0.5	236	34	1.5	0.0
23/10/2023 6:20	0.1	114	8	0.8	0.0
23/10/2023 6:30	0.2	101	12	0.7	0.0
23/10/2023 6:40	1.5	204	16	2.8	0.0
23/10/2023 6:50	2.3	209	15	3.2	0.0
23/10/2023 7:00	3.0	206	12	4.5	0.0
23/10/2023 7:10	3.0	200	13	4.2	0.0
23/10/2023 7:20	3.2	201	14	4.5	0.0
23/10/2023 7:30	2.9	205	14	3.9	0.0
23/10/2023 7:40	2.3	196	16	3.5	0.0
23/10/2023 7:50	1.5	170	32	2.8	0.0
23/10/2023 8:00	1.3	151	30	2.0	0.0
23/10/2023 8:10	1.8	134	30	3.6	0.0
23/10/2023 8:20	1.5	134	21	2.7	0.0
23/10/2023 8:30	1.8	105	20	3.2	0.0
23/10/2023 8:40	1.8	111	16	2.8	0.0
23/10/2023 8:50	2.2	102	15	3.1	0.0
23/10/2023 9:00	1.9	120	25	2.8	0.0
23/10/2023 9:10	1.9	120	18	2.8	0.0
23/10/2023 9:20	1.7	98	26	2.4	0.0
23/10/2023 9:30	1.7	106	34	2.8	0.0
23/10/2023 9:40	2.1	67	30	2.9	0.0
23/10/2023 9:50	2.0	57	19	2.8	0.0
23/10/2023 10:00	1.7	57	19	2.6	0.0
23/10/2023 10:10	2.1	57	20	2.8	0.0
23/10/2023 10:20	1.9	59	20	2.8	0.0
23/10/2023 10:30	1.6	50	25	2.2	0.0
23/10/2023 10:40	1.5	58	30	2.3	0.0
23/10/2023 10:50	1.9	59	24	2.9	0.0
23/10/2023 11:00	1.9	81	26	2.8	0.0
23/10/2023 11:10	2.1	72	27	3.6	0.0
23/10/2023 11:20	2.1	85	29	2.9	0.0
23/10/2023 11:30	2.0	85	35	3.0	0.0
23/10/2023 11:40	2.1	73	20	3.6	0.0
23/10/2023 11:50	1.9	87	29	3.1	0.0
23/10/2023 12:00	2.3	53	13	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 12:10	2.4	50	13	3.2	0.0
23/10/2023 12:20	2.5	61	16	3.2	0.0
23/10/2023 12:30	2.2	54	16	2.8	0.0
23/10/2023 12:40	1.9	66	15	2.6	0.0
23/10/2023 12:50	2.5	68	20	4.0	0.0
23/10/2023 13:00	2.1	65	31	2.8	0.0
23/10/2023 13:10	1.9	25	46	3.2	0.0
23/10/2023 13:20	3.3	332	23	5.4	0.0
23/10/2023 13:30	3.2	327	21	4.8	0.0
23/10/2023 13:40	3.1	304	26	4.8	0.0
23/10/2023 13:50	3.1	304	25	5.2	0.0
23/10/2023 14:00	2.9	304	26	4.6	0.0
23/10/2023 14:10	3.5	279	23	5.2	0.0
23/10/2023 14:20	3.4	266	23	5.1	0.0
23/10/2023 14:30	3.3	264	19	5.1	0.0
23/10/2023 14:40	3.1	269	19	5.2	0.0
23/10/2023 14:50	2.8	291	23	4.5	0.0
23/10/2023 15:00	3.5	281	25	5.3	0.0
23/10/2023 15:10	3.5	277	21	5.3	0.0
23/10/2023 15:20	3.7	267	21	5.3	0.0
23/10/2023 15:30	3.7	273	20	5.3	0.0
23/10/2023 15:40	3.7	274	22	5.5	0.0
23/10/2023 15:50	3.9	271	21	5.9	0.0
23/10/2023 16:00	3.9	274	20	5.6	0.0
23/10/2023 16:10	4.1	277	19	6.0	0.0
23/10/2023 16:20	4.2	271	20	6.7	0.0
23/10/2023 16:30	4.3	272	18	6.8	0.0
23/10/2023 16:40	3.2	274	33	5.7	0.0
23/10/2023 16:50	3.6	262	31	6.6	0.0
23/10/2023 17:00	4.0	273	22	5.8	0.0
23/10/2023 17:10	3.5	279	19	6.0	0.0
23/10/2023 17:20	3.2	273	21	5.0	0.0
23/10/2023 17:30	3.4	275	22	5.2	0.0
23/10/2023 17:40	2.9	273	22	4.5	0.0
23/10/2023 17:50	3.2	282	21	5.2	0.0
23/10/2023 18:00	3.1	277	22	4.4	0.0
23/10/2023 18:10	3.3	275	17	4.8	0.0
23/10/2023 18:20	3.4	273	22	5.2	0.0
23/10/2023 18:30	3.1	276	21	4.8	0.0
23/10/2023 18:40	3.0	278	23	4.8	0.0
23/10/2023 18:50	3.4	276	22	5.4	0.0
23/10/2023 19:00	3.0	281	19	4.9	0.0
23/10/2023 19:10	3.2	289	22	5.3	0.0
23/10/2023 19:20	3.0	280	24	4.8	0.0
23/10/2023 19:30	2.6	280	24	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/10/2023 19:40	3.0	272	25	4.6	0.0
23/10/2023 19:50	3.0	280	19	4.8	0.0
23/10/2023 20:00	2.9	267	21	4.9	0.0
23/10/2023 20:10	3.0	270	20	4.3	0.0
23/10/2023 20:20	3.1	271	18	5.3	0.0
23/10/2023 20:30	3.1	269	20	4.4	0.0
23/10/2023 20:40	3.0	274	21	4.5	0.0
23/10/2023 20:50	2.7	277	15	4.3	0.0
23/10/2023 21:00	2.6	279	15	4.5	0.0
23/10/2023 21:10	2.9	279	17	4.4	0.0
23/10/2023 21:20	2.9	285	18	4.8	0.0
23/10/2023 21:30	2.8	282	18	4.4	0.0
23/10/2023 21:40	2.5	282	23	4.0	0.0
23/10/2023 21:50	1.8	267	31	3.2	0.0
23/10/2023 22:00	1.7	276	44	3.2	0.0
23/10/2023 22:10	1.5	267	55	3.4	0.0
23/10/2023 22:20	1.5	217	64	3.6	0.0
23/10/2023 22:30	1.6	255	50	3.0	0.0
23/10/2023 22:40	1.1	204	61	2.3	0.0
23/10/2023 22:50	0.8	113	81	1.9	0.0
23/10/2023 23:00	0.9	191	65	1.8	0.0
23/10/2023 23:10	1.0	231	72	2.4	0.0
23/10/2023 23:20	0.9	278	84	1.6	0.0
23/10/2023 23:30	0.9	153	40	1.9	0.0
23/10/2023 23:40	1.0	178	46	1.9	0.0
23/10/2023 23:50	1.2	178	36	2.0	0.0
24/10/2023 0:00	1.5	218	39	2.9	0.0
24/10/2023 0:10	1.8	244	30	3.3	0.0
24/10/2023 0:20	1.9	249	33	3.6	0.0
24/10/2023 0:30	2.5	258	24	3.9	0.0
24/10/2023 0:40	3.0	260	12	4.0	0.0
24/10/2023 0:50	2.4	252	20	3.6	0.0
24/10/2023 1:00	3.1	229	23	4.6	0.0
24/10/2023 1:10	3.4	224	21	4.8	0.0
24/10/2023 1:20	2.8	235	23	4.4	0.0
24/10/2023 1:30	2.6	237	26	4.3	0.0
24/10/2023 1:40	2.8	229	23	4.5	0.0
24/10/2023 1:50	2.7	227	22	4.1	0.0
24/10/2023 2:00	3.3	230	22	4.7	0.0
24/10/2023 2:10	3.2	226	17	4.8	0.0
24/10/2023 2:20	3.4	219	18	5.7	0.0
24/10/2023 2:30	4.1	214	16	5.5	0.0
24/10/2023 2:40	3.7	213	15	5.4	0.0
24/10/2023 2:50	4.4	214	13	5.8	0.0
24/10/2023 3:00	4.3	205	16	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 3:10	4.5	208	14	6.8	0.0
24/10/2023 3:20	4.5	207	12	6.5	0.0
24/10/2023 3:30	4.7	205	15	6.3	0.0
24/10/2023 3:40	4.7	205	11	6.3	0.0
24/10/2023 3:50	4.7	204	14	6.4	0.0
24/10/2023 4:00	4.8	201	12	6.6	0.0
24/10/2023 4:10	4.7	200	13	6.1	0.0
24/10/2023 4:20	4.3	199	14	6.3	0.0
24/10/2023 4:30	4.0	202	14	5.3	0.0
24/10/2023 4:40	3.8	201	13	5.2	0.0
24/10/2023 4:50	3.6	204	12	5.5	0.0
24/10/2023 5:00	3.3	208	13	4.9	0.0
24/10/2023 5:10	3.0	202	14	4.4	0.0
24/10/2023 5:20	3.1	202	12	4.3	0.0
24/10/2023 5:30	3.1	205	16	4.4	0.0
24/10/2023 5:40	2.5	202	21	4.8	0.0
24/10/2023 5:50	3.0	199	20	5.1	0.0
24/10/2023 6:00	2.8	200	19	4.4	0.0
24/10/2023 6:10	2.3	199	20	3.3	0.0
24/10/2023 6:20	2.1	192	27	3.2	0.0
24/10/2023 6:30	2.7	187	25	4.7	0.0
24/10/2023 6:40	2.0	169	29	3.4	0.0
24/10/2023 6:50	2.3	172	27	3.6	0.0
24/10/2023 7:00	2.9	181	23	4.7	0.0
24/10/2023 7:10	3.1	189	15	4.9	0.0
24/10/2023 7:20	3.5	194	14	5.0	0.0
24/10/2023 7:30	3.6	194	16	4.9	0.0
24/10/2023 7:40	3.6	195	17	5.6	0.0
24/10/2023 7:50	3.3	187	15	4.8	0.0
24/10/2023 8:00	2.9	186	20	4.4	0.0
24/10/2023 8:10	2.4	184	20	3.7	0.0
24/10/2023 8:20	2.3	154	21	4.0	0.0
24/10/2023 8:30	2.4	151	24	4.4	0.0
24/10/2023 8:40	2.3	145	23	3.7	0.0
24/10/2023 8:50	2.4	133	21	4.3	0.0
24/10/2023 9:00	2.3	105	33	4.3	0.0
24/10/2023 9:10	2.6	126	28	4.4	0.0
24/10/2023 9:20	2.6	115	29	4.3	0.0
24/10/2023 9:30	2.7	124	22	4.0	0.0
24/10/2023 9:40	2.4	128	20	3.8	0.0
24/10/2023 9:50	2.3	94	24	3.4	0.0
24/10/2023 10:00	2.3	74	21	3.4	0.0
24/10/2023 10:10	2.2	57	20	3.2	0.0
24/10/2023 10:20	2.2	58	17	2.9	0.0
24/10/2023 10:30	2.3	62	16	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 10:40	2.4	72	16	3.3	0.0
24/10/2023 10:50	2.7	55	17	3.8	0.0
24/10/2023 11:00	3.5	46	13	4.7	0.0
24/10/2023 11:10	3.4	49	14	4.4	0.0
24/10/2023 11:20	3.7	45	12	5.0	0.0
24/10/2023 11:30	3.6	45	13	4.8	0.0
24/10/2023 11:40	3.5	44	14	5.1	0.0
24/10/2023 11:50	3.7	46	15	4.8	0.0
24/10/2023 12:00	4.0	47	10	5.3	0.0
24/10/2023 12:10	4.0	43	11	5.1	0.0
24/10/2023 12:20	4.0	50	12	5.4	0.0
24/10/2023 12:30	3.7	47	14	5.1	0.0
24/10/2023 12:40	3.9	43	12	5.6	0.0
24/10/2023 12:50	3.9	42	14	5.3	0.0
24/10/2023 13:00	3.9	42	12	5.6	0.0
24/10/2023 13:10	4.0	46	10	5.1	0.0
24/10/2023 13:20	4.4	49	12	5.6	0.0
24/10/2023 13:30	3.7	47	13	4.8	0.0
24/10/2023 13:40	3.8	51	12	5.2	0.0
24/10/2023 13:50	4.1	49	12	5.5	0.0
24/10/2023 14:00	4.3	47	9	5.6	0.0
24/10/2023 14:10	4.1	51	12	5.4	0.0
24/10/2023 14:20	3.6	47	13	4.9	0.0
24/10/2023 14:30	3.5	48	11	4.8	0.0
24/10/2023 14:40	3.4	51	12	4.8	0.0
24/10/2023 14:50	2.7	26	25	4.0	0.0
24/10/2023 15:00	3.3	302	25	5.2	0.0
24/10/2023 15:10	3.6	314	22	5.5	0.0
24/10/2023 15:20	3.8	321	16	5.8	0.0
24/10/2023 15:30	3.8	321	14	5.2	0.0
24/10/2023 15:40	3.5	320	17	4.8	0.0
24/10/2023 15:50	3.3	317	21	4.8	0.0
24/10/2023 16:00	2.6	308	26	4.0	0.0
24/10/2023 16:10	3.2	301	19	5.1	0.0
24/10/2023 16:20	2.9	314	20	4.4	0.0
24/10/2023 16:30	3.1	285	25	5.0	0.0
24/10/2023 16:40	2.9	280	27	4.8	0.0
24/10/2023 16:50	3.1	274	19	4.7	0.0
24/10/2023 17:00	3.3	277	22	4.6	0.0
24/10/2023 17:10	3.4	281	17	5.0	0.0
24/10/2023 17:20	2.9	277	19	4.6	0.0
24/10/2023 17:30	3.1	262	22	4.7	0.0
24/10/2023 17:40	2.6	267	20	3.9	0.0
24/10/2023 17:50	2.6	263	19	4.2	0.0
24/10/2023 18:00	2.2	275	21	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/10/2023 18:10	2.3	262	21	3.5	0.0
24/10/2023 18:20	2.6	272	21	3.8	0.0
24/10/2023 18:30	2.5	275	18	3.7	0.0
24/10/2023 18:40	2.8	268	23	4.7	0.0
24/10/2023 18:50	2.4	269	27	4.2	0.0
24/10/2023 19:00	2.5	276	19	4.2	0.0
24/10/2023 19:10	2.0	275	33	3.6	0.0
24/10/2023 19:20	2.6	272	27	5.1	0.0
24/10/2023 19:30	2.7	266	37	4.8	0.0
24/10/2023 19:40	2.3	280	40	4.0	0.0
24/10/2023 19:50	2.2	274	43	4.0	0.0
24/10/2023 20:00	2.8	275	39	5.5	0.0
24/10/2023 20:10	3.0	274	27	4.7	0.0
24/10/2023 20:20	2.2	271	47	4.7	0.0
24/10/2023 20:30	3.0	276	23	4.5	0.0
24/10/2023 20:40	2.8	267	26	4.6	0.0
24/10/2023 20:50	3.0	270	19	4.6	0.0
24/10/2023 21:00	2.2	274	24	3.5	0.0
24/10/2023 21:10	2.2	269	43	4.8	0.0
24/10/2023 21:20	2.5	274	34	4.0	0.0
24/10/2023 21:30	2.4	274	27	4.3	0.0
24/10/2023 21:40	2.7	274	26	4.5	0.0
24/10/2023 21:50	2.5	273	29	4.3	0.0
24/10/2023 22:00	2.3	274	29	4.2	0.0
24/10/2023 22:10	1.7	258	48	3.4	0.0
24/10/2023 22:20	2.1	272	41	4.2	0.0
24/10/2023 22:30	2.4	275	43	4.7	0.0
24/10/2023 22:40	2.2	244	45	4.1	0.0
24/10/2023 22:50	1.8	265	46	3.2	0.0
24/10/2023 23:00	1.7	282	48	3.0	0.0
24/10/2023 23:10	1.7	288	42	3.2	0.0
24/10/2023 23:20	2.1	268	35	3.4	0.0
24/10/2023 23:30	2.2	255	41	3.3	0.0
24/10/2023 23:40	3.1	258	32	5.2	0.0
24/10/2023 23:50	2.0	269	50	4.1	0.0
25/10/2023 0:00	2.5	269	45	4.8	0.0
25/10/2023 0:10	1.7	237	55	3.7	0.0
25/10/2023 0:20	2.1	234	54	3.8	0.0
25/10/2023 0:30	1.9	226	53	3.4	0.0
25/10/2023 0:40	1.9	222	59	3.9	0.0
25/10/2023 0:50	1.5	195	62	3.0	0.0
25/10/2023 1:00	1.7	185	52	3.0	0.0
25/10/2023 1:10	1.7	198	46	3.2	0.0
25/10/2023 1:20	1.4	204	58	2.8	0.0
25/10/2023 1:30	0.8	227	49	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 1:40	1.2	243	55	3.0	0.0
25/10/2023 1:50	1.0	197	65	2.1	0.0
25/10/2023 2:00	1.5	260	36	2.8	0.0
25/10/2023 2:10	1.8	270	18	2.5	0.0
25/10/2023 2:20	2.0	274	15	3.2	0.0
25/10/2023 2:30	1.6	265	25	2.9	0.0
25/10/2023 2:40	1.9	266	20	3.0	0.0
25/10/2023 2:50	2.1	270	13	3.3	0.0
25/10/2023 3:00	2.2	272	12	2.9	0.0
25/10/2023 3:10	2.4	270	12	3.2	0.0
25/10/2023 3:20	2.3	267	14	3.2	0.0
25/10/2023 3:30	2.6	265	12	3.6	0.0
25/10/2023 3:40	2.6	258	13	3.6	0.0
25/10/2023 3:50	2.3	259	18	3.7	0.0
25/10/2023 4:00	2.0	262	18	3.3	0.0
25/10/2023 4:10	2.3	255	17	3.4	0.0
25/10/2023 4:20	2.2	265	20	3.8	0.0
25/10/2023 4:30	1.9	274	16	2.8	0.0
25/10/2023 4:40	1.9	248	27	3.2	0.0
25/10/2023 4:50	2.8	237	20	4.4	0.0
25/10/2023 5:00	3.0	241	17	4.0	0.0
25/10/2023 5:10	2.9	230	23	4.5	0.0
25/10/2023 5:20	3.8	216	16	5.6	0.0
25/10/2023 5:30	4.2	216	15	5.6	0.0
25/10/2023 5:40	4.1	215	14	5.9	0.0
25/10/2023 5:50	4.8	208	12	6.4	0.0
25/10/2023 6:00	4.8	209	15	6.8	0.0
25/10/2023 6:10	4.7	214	12	6.1	0.0
25/10/2023 6:20	4.9	208	14	6.7	0.0
25/10/2023 6:30	4.7	202	12	6.9	0.0
25/10/2023 6:40	4.6	207	14	6.2	0.0
25/10/2023 6:50	5.0	199	12	6.6	0.0
25/10/2023 7:00	5.0	200	12	6.9	0.0
25/10/2023 7:10	4.4	199	16	6.0	0.0
25/10/2023 7:20	4.2	201	14	6.0	0.0
25/10/2023 7:30	3.2	195	19	4.7	0.0
25/10/2023 7:40	2.9	197	24	4.8	0.0
25/10/2023 7:50	1.5	183	63	2.7	0.0
25/10/2023 8:00	2.2	144	29	3.9	0.0
25/10/2023 8:10	3.1	139	23	5.1	0.0
25/10/2023 8:20	2.7	135	22	4.9	0.0
25/10/2023 8:30	3.1	130	26	5.1	0.0
25/10/2023 8:40	2.9	121	26	5.4	0.0
25/10/2023 8:50	2.7	109	27	4.8	0.0
25/10/2023 9:00	3.2	100	30	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 9:10	3.2	101	27	6.1	0.0
25/10/2023 9:20	3.5	81	15	5.3	0.0
25/10/2023 9:30	4.0	79	15	6.0	0.0
25/10/2023 9:40	3.5	78	13	4.8	0.0
25/10/2023 9:50	2.9	76	17	4.4	0.0
25/10/2023 10:00	3.1	79	14	4.8	0.0
25/10/2023 10:10	3.1	76	15	4.6	0.0
25/10/2023 10:20	3.0	74	16	4.4	0.0
25/10/2023 10:30	3.2	73	17	4.8	0.0
25/10/2023 10:40	3.0	48	14	4.2	0.0
25/10/2023 10:50	3.1	56	13	4.0	0.0
25/10/2023 11:00	3.1	49	15	4.1	0.0
25/10/2023 11:10	3.6	49	13	5.1	0.0
25/10/2023 11:20	4.1	42	11	5.6	0.0
25/10/2023 11:30	4.0	43	12	5.6	0.0
25/10/2023 11:40	4.1	40	13	5.8	0.0
25/10/2023 11:50	4.0	41	15	5.6	0.0
25/10/2023 12:00	4.1	42	14	5.9	0.0
25/10/2023 12:10	4.1	41	14	5.7	0.0
25/10/2023 12:20	4.3	48	14	6.1	0.0
25/10/2023 12:30	4.0	46	14	5.6	0.0
25/10/2023 12:40	4.5	39	16	6.4	0.0
25/10/2023 12:50	4.5	37	15	6.3	0.0
25/10/2023 13:00	4.4	41	15	6.4	0.0
25/10/2023 13:10	4.4	41	15	6.5	0.0
25/10/2023 13:20	4.5	39	13	6.2	0.0
25/10/2023 13:30	4.3	42	16	5.8	0.0
25/10/2023 13:40	4.5	41	12	6.4	0.0
25/10/2023 13:50	4.4	45	12	6.0	0.0
25/10/2023 14:00	4.1	48	17	5.6	0.0
25/10/2023 14:10	4.0	48	14	5.7	0.0
25/10/2023 14:20	4.2	44	14	6.1	0.0
25/10/2023 14:30	4.1	50	11	5.5	0.0
25/10/2023 14:40	4.4	50	11	6.3	0.0
25/10/2023 14:50	4.2	52	15	5.7	0.0
25/10/2023 15:00	4.5	53	13	6.6	0.0
25/10/2023 15:10	4.5	50	13	6.2	0.0
25/10/2023 15:20	4.1	53	11	5.4	0.0
25/10/2023 15:30	3.9	52	14	5.5	0.0
25/10/2023 15:40	4.1	53	13	5.4	0.0
25/10/2023 15:50	3.8	51	11	5.4	0.0
25/10/2023 16:00	3.5	55	12	4.9	0.0
25/10/2023 16:10	3.2	56	13	4.8	0.0
25/10/2023 16:20	2.8	56	13	4.0	0.0
25/10/2023 16:30	2.9	65	14	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/10/2023 16:40	2.8	63	14	4.0	0.0
25/10/2023 16:50	2.4	57	15	3.6	0.0
25/10/2023 17:00	2.3	40	19	3.7	0.0
25/10/2023 17:10	2.4	48	15	3.6	0.0
25/10/2023 17:20	1.5	58	14	2.3	0.0
25/10/2023 17:30	1.0	81	23	1.9	0.0
25/10/2023 17:40	2.3	217	40	3.7	0.0
25/10/2023 17:50	3.1	271	23	5.4	0.0
25/10/2023 18:00	3.1	265	24	5.1	0.0
25/10/2023 18:10	3.1	279	23	5.2	0.0
25/10/2023 18:20	3.3	270	20	5.2	0.0
25/10/2023 18:30	3.5	272	21	5.9	0.0
25/10/2023 18:40	3.1	268	29	5.2	0.0
25/10/2023 18:50	3.1	272	25	5.3	0.0
25/10/2023 19:00	3.0	259	41	5.2	0.0
25/10/2023 19:10	2.5	257	36	4.1	0.0
25/10/2023 19:20	2.2	264	34	4.5	0.0
25/10/2023 19:30	2.0	241	48	3.8	0.0
25/10/2023 19:40	1.5	221	50	3.1	0.0
25/10/2023 19:50	1.4	193	39	2.5	0.0
25/10/2023 20:00	1.9	237	59	3.7	0.0
25/10/2023 20:10	1.4	198	51	3.2	0.0
25/10/2023 20:20	1.7	207	41	3.2	0.0
25/10/2023 20:30	1.9	245	34	3.9	0.0
25/10/2023 20:40	1.2	241	56	2.5	0.0
25/10/2023 20:50	1.5	250	60	2.7	0.0
25/10/2023 21:00	1.0	233	81	2.0	0.0
25/10/2023 21:10	2.2	277	22	3.2	0.0
25/10/2023 21:20	1.9	285	26	3.2	0.0
25/10/2023 21:30	2.1	280	26	3.2	0.0
25/10/2023 21:40	1.7	265	28	2.9	0.0
25/10/2023 21:50	2.1	269	29	3.6	0.0
25/10/2023 22:00	2.6	270	18	3.8	0.0
25/10/2023 22:10	2.3	266	28	3.9	0.0
25/10/2023 22:20	2.2	272	25	3.4	0.0
25/10/2023 22:30	2.4	276	25	3.8	0.0
25/10/2023 22:40	2.4	275	20	3.7	0.0
25/10/2023 22:50	2.2	270	25	3.5	0.0
25/10/2023 23:00	1.3	239	68	2.8	0.0
25/10/2023 23:10	2.2	278	24	3.7	0.0
25/10/2023 23:20	2.3	276	26	3.7	0.0
25/10/2023 23:30	1.7	270	39	2.9	0.0
25/10/2023 23:40	1.5	270	48	2.4	0.0
25/10/2023 23:50	1.5	270	48	2.8	0.0
26/10/2023 0:00	1.9	262	32	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 0:10	1.8	266	41	3.2	0.0
26/10/2023 0:20	1.8	264	37	3.6	0.0
26/10/2023 0:30	2.1	272	33	3.4	0.0
26/10/2023 0:40	1.8	264	43	3.5	0.0
26/10/2023 0:50	1.1	219	78	2.5	0.0
26/10/2023 1:00	1.2	264	41	2.4	0.0
26/10/2023 1:10	1.3	237	49	2.7	0.0
26/10/2023 1:20	2.0	253	43	3.7	0.0
26/10/2023 1:30	1.9	261	44	3.6	0.0
26/10/2023 1:40	2.0	260	36	3.7	0.0
26/10/2023 1:50	1.7	259	34	2.8	0.0
26/10/2023 2:00	1.5	248	38	3.2	0.0
26/10/2023 2:10	1.2	246	52	2.6	0.0
26/10/2023 2:20	1.5	212	49	2.7	0.0
26/10/2023 2:30	1.3	258	45	2.8	0.0
26/10/2023 2:40	1.9	258	26	3.7	0.0
26/10/2023 2:50	2.6	248	25	4.2	0.0
26/10/2023 3:00	2.7	261	22	4.0	0.0
26/10/2023 3:10	2.1	283	23	3.8	0.0
26/10/2023 3:20	1.9	272	36	3.8	0.0
26/10/2023 3:30	2.3	257	27	4.3	0.0
26/10/2023 3:40	2.8	247	27	4.5	0.0
26/10/2023 3:50	2.1	223	42	4.2	0.0
26/10/2023 4:00	2.3	210	43	4.4	0.0
26/10/2023 4:10	1.7	276	34	3.2	0.0
26/10/2023 4:20	2.0	275	16	2.9	0.0
26/10/2023 4:30	2.3	243	21	3.6	0.0
26/10/2023 4:40	1.7	245	37	2.7	0.0
26/10/2023 4:50	1.9	286	23	2.7	0.0
26/10/2023 5:00	2.2	273	11	2.8	0.0
26/10/2023 5:10	2.1	259	18	3.2	0.0
26/10/2023 5:20	2.3	248	19	3.2	0.0
26/10/2023 5:30	2.5	205	25	4.0	0.0
26/10/2023 5:40	2.1	192	35	4.2	0.0
26/10/2023 5:50	2.7	197	17	3.7	0.0
26/10/2023 6:00	1.7	169	27	2.8	0.0
26/10/2023 6:10	1.7	161	36	2.9	0.0
26/10/2023 6:20	2.2	148	23	3.2	0.0
26/10/2023 6:30	2.7	141	22	4.4	0.0
26/10/2023 6:40	2.4	124	28	3.8	0.0
26/10/2023 6:50	1.9	120	31	3.0	0.0
26/10/2023 7:00	2.3	123	24	3.6	0.0
26/10/2023 7:10	3.2	118	16	4.8	0.0
26/10/2023 7:20	3.3	116	14	4.4	0.0
26/10/2023 7:30	2.7	122	19	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 7:40	2.6	115	23	4.8	0.0
26/10/2023 7:50	3.0	128	24	5.0	0.0
26/10/2023 8:00	3.2	125	19	4.8	0.0
26/10/2023 8:10	3.2	125	18	4.7	0.0
26/10/2023 8:20	3.3	127	22	5.3	0.0
26/10/2023 8:30	3.0	121	20	4.0	0.0
26/10/2023 8:40	3.2	99	20	4.8	0.0
26/10/2023 8:50	4.3	85	14	6.7	0.0
26/10/2023 9:00	3.9	86	16	5.5	0.0
26/10/2023 9:10	3.3	87	13	4.9	0.0
26/10/2023 9:20	3.4	83	15	4.8	0.0
26/10/2023 9:30	3.8	83	15	5.3	0.0
26/10/2023 9:40	3.8	62	16	5.9	0.0
26/10/2023 9:50	4.6	76	17	7.5	0.0
26/10/2023 10:00	5.9	85	14	8.7	0.0
26/10/2023 10:10	5.8	91	17	7.9	0.0
26/10/2023 10:20	5.3	87	17	7.5	0.0
26/10/2023 10:30	5.0	84	15	7.1	0.0
26/10/2023 10:40	5.0	84	15	7.1	0.0
26/10/2023 10:50	4.6	81	16	7.0	0.0
26/10/2023 11:00	4.8	74	15	7.3	0.0
26/10/2023 11:10	4.2	77	15	5.8	0.0
26/10/2023 11:20	3.8	73	16	6.2	0.0
26/10/2023 11:30	3.6	60	17	5.2	0.0
26/10/2023 11:40	4.4	54	12	5.6	0.0
26/10/2023 11:50	4.1	60	10	5.4	0.0
26/10/2023 12:00	3.4	46	14	4.5	0.0
26/10/2023 12:10	3.1	41	14	4.1	0.0
26/10/2023 12:20	3.2	39	14	4.2	0.0
26/10/2023 12:30	3.1	46	15	4.4	0.0
26/10/2023 12:40	3.4	47	14	4.5	0.0
26/10/2023 12:50	3.1	52	14	4.2	0.0
26/10/2023 13:00	3.3	49	15	4.8	0.0
26/10/2023 13:10	3.2	50	16	4.1	0.0
26/10/2023 13:20	2.9	48	15	4.2	0.0
26/10/2023 13:30	2.8	47	15	4.4	0.0
26/10/2023 13:40	3.2	50	15	4.5	0.0
26/10/2023 13:50	3.4	51	15	4.4	0.0
26/10/2023 14:00	3.2	50	12	4.3	0.0
26/10/2023 14:10	2.6	56	18	3.8	0.0
26/10/2023 14:20	2.5	62	17	3.7	0.0
26/10/2023 14:30	2.7	56	18	3.7	0.0
26/10/2023 14:40	2.8	50	13	4.2	0.0
26/10/2023 14:50	2.8	53	14	3.7	0.0
26/10/2023 15:00	2.5	49	14	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 15:10	2.5	51	16	3.2	0.0
26/10/2023 15:20	2.6	51	14	3.4	0.0
26/10/2023 15:30	2.5	50	13	3.4	0.0
26/10/2023 15:40	2.4	50	16	3.5	0.0
26/10/2023 15:50	2.3	50	15	3.2	0.0
26/10/2023 16:00	2.2	63	17	2.8	0.0
26/10/2023 16:10	2.1	55	17	2.8	0.0
26/10/2023 16:20	2.4	63	9	3.3	0.0
26/10/2023 16:30	2.5	62	11	3.4	0.0
26/10/2023 16:40	1.8	56	18	2.6	0.0
26/10/2023 16:50	1.5	51	20	2.4	0.0
26/10/2023 17:00	1.4	51	20	2.2	0.0
26/10/2023 17:10	1.2	59	27	2.0	0.0
26/10/2023 17:20	0.3	177	45	0.9	0.0
26/10/2023 17:30	1.1	91	27	2.0	0.0
26/10/2023 17:40	1.5	76	22	2.4	0.0
26/10/2023 17:50	1.6	79	17	2.5	0.0
26/10/2023 18:00	1.4	68	25	2.4	0.0
26/10/2023 18:10	1.3	81	30	2.4	0.0
26/10/2023 18:20	0.7	103	32	1.3	0.0
26/10/2023 18:30	0.3	240	24	0.8	0.0
26/10/2023 18:40	0.8	259	24	1.5	0.0
26/10/2023 18:50	0.3	296	8	1.0	0.0
26/10/2023 19:00	1.2	289	11	1.6	0.0
26/10/2023 19:10	1.3	273	13	1.9	0.0
26/10/2023 19:20	1.5	251	20	2.4	0.0
26/10/2023 19:30	1.3	226	28	2.4	0.0
26/10/2023 19:40	2.1	270	19	3.2	0.0
26/10/2023 19:50	1.7	277	31	3.0	0.0
26/10/2023 20:00	2.4	278	19	3.6	0.0
26/10/2023 20:10	2.1	258	29	4.0	0.0
26/10/2023 20:20	2.2	266	30	4.0	0.0
26/10/2023 20:30	1.7	268	36	3.6	0.0
26/10/2023 20:40	1.3	257	35	2.1	0.0
26/10/2023 20:50	1.3	253	56	2.6	0.0
26/10/2023 21:00	1.6	228	44	3.2	0.0
26/10/2023 21:10	1.5	226	53	3.6	0.0
26/10/2023 21:20	1.9	232	39	3.4	0.0
26/10/2023 21:30	1.6	262	46	2.9	0.0
26/10/2023 21:40	1.4	281	66	2.7	0.0
26/10/2023 21:50	1.0	258	59	2.2	0.0
26/10/2023 22:00	0.7	235	57	1.4	0.0
26/10/2023 22:10	1.6	238	39	2.9	0.0
26/10/2023 22:20	1.7	211	55	3.6	0.0
26/10/2023 22:30	2.4	205	34	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/10/2023 22:40	2.6	206	28	4.4	0.0
26/10/2023 22:50	2.3	212	34	4.1	0.0
26/10/2023 23:00	2.1	201	38	4.1	0.0
26/10/2023 23:10	2.2	195	23	3.6	0.0
26/10/2023 23:20	2.2	198	21	3.7	0.0
26/10/2023 23:30	1.7	192	39	2.8	0.0
26/10/2023 23:40	2.2	185	18	3.5	0.0
26/10/2023 23:50	2.6	195	14	4.0	0.0
27/10/2023 0:00	2.3	198	18	3.2	0.0
27/10/2023 0:10	2.4	201	17	3.2	0.0
27/10/2023 0:20	2.8	193	14	4.2	0.0
27/10/2023 0:30	3.4	191	12	4.4	0.0
27/10/2023 0:40	3.1	193	12	4.6	0.0
27/10/2023 0:50	3.8	192	12	5.2	0.0
27/10/2023 1:00	3.8	192	11	5.2	0.0
27/10/2023 1:10	3.8	192	12	5.2	0.0
27/10/2023 1:20	4.2	192	12	5.6	0.0
27/10/2023 1:30	4.3	193	11	5.6	0.0
27/10/2023 1:40	4.4	191	12	5.8	0.0
27/10/2023 1:50	4.4	191	11	5.9	0.0
27/10/2023 2:00	4.8	191	12	6.5	0.0
27/10/2023 2:10	4.8	192	12	7.0	0.0
27/10/2023 2:20	4.8	190	10	6.4	0.0
27/10/2023 2:30	5.1	188	11	7.2	0.0
27/10/2023 2:40	5.3	190	11	7.5	0.0
27/10/2023 2:50	5.1	188	12	6.9	0.0
27/10/2023 3:00	5.1	189	11	7.0	0.0
27/10/2023 3:10	5.1	191	11	6.9	0.0
27/10/2023 3:20	5.1	195	9	6.7	0.0
27/10/2023 3:30	4.9	195	9	6.4	0.0
27/10/2023 3:40	4.1	195	11	5.7	0.0
27/10/2023 3:50	3.4	201	15	4.9	0.0
27/10/2023 4:00	2.9	198	17	4.1	0.0
27/10/2023 4:10	1.6	172	40	3.2	0.0
27/10/2023 4:20	2.0	118	22	4.1	0.0
27/10/2023 4:30	1.3	163	37	2.3	0.0
27/10/2023 4:40	1.0	167	40	2.4	0.0
27/10/2023 4:50	2.2	123	25	4.5	0.0
27/10/2023 5:00	2.3	100	24	3.4	0.0
27/10/2023 5:10	1.8	88	14	2.6	0.0
27/10/2023 5:20	1.5	112	18	2.8	0.0
27/10/2023 5:30	1.8	109	12	2.6	0.0
27/10/2023 5:40	1.7	110	12	2.4	0.0
27/10/2023 5:50	2.0	125	24	3.2	0.0
27/10/2023 6:00	2.3	104	22	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 6:10	1.8	108	14	2.5	0.0
27/10/2023 6:20	2.0	113	13	2.8	0.0
27/10/2023 6:30	1.6	126	18	2.7	0.0
27/10/2023 6:40	2.1	116	14	2.8	0.0
27/10/2023 6:50	2.1	115	13	2.8	0.0
27/10/2023 7:00	2.2	113	13	3.1	0.0
27/10/2023 7:10	2.1	103	19	2.9	0.0
27/10/2023 7:20	1.7	103	16	2.7	0.0
27/10/2023 7:30	1.9	103	17	2.9	0.0
27/10/2023 7:40	2.5	120	14	3.7	0.0
27/10/2023 7:50	2.7	121	16	4.0	0.0
27/10/2023 8:00	2.8	125	17	4.4	0.0
27/10/2023 8:10	2.9	120	22	4.8	0.0
27/10/2023 8:20	3.0	126	17	4.0	0.0
27/10/2023 8:30	2.7	131	19	4.0	0.0
27/10/2023 8:40	2.7	120	19	4.0	0.0
27/10/2023 8:50	2.7	121	17	4.0	0.0
27/10/2023 9:00	3.0	123	19	4.9	0.0
27/10/2023 9:10	2.9	121	24	4.5	0.0
27/10/2023 9:20	2.8	125	18	3.9	0.0
27/10/2023 9:30	2.9	119	15	4.3	0.0
27/10/2023 9:40	2.9	116	14	4.2	0.0
27/10/2023 9:50	2.9	85	14	4.3	0.0
27/10/2023 10:00	2.8	74	14	3.6	0.0
27/10/2023 10:10	2.3	66	19	3.4	0.0
27/10/2023 10:20	2.3	57	22	3.2	0.0
27/10/2023 10:30	2.2	56	17	3.2	0.0
27/10/2023 10:40	2.4	60	20	3.3	0.0
27/10/2023 10:50	2.6	62	12	3.4	0.0
27/10/2023 11:00	3.0	53	13	4.1	0.0
27/10/2023 11:10	3.2	48	12	4.3	0.0
27/10/2023 11:20	3.1	49	13	4.1	0.0
27/10/2023 11:30	3.3	68	16	5.2	0.0
27/10/2023 11:40	4.0	76	15	5.6	0.0
27/10/2023 11:50	4.0	78	14	5.9	0.0
27/10/2023 12:00	3.7	75	17	5.4	0.0
27/10/2023 12:10	3.9	76	15	6.0	0.0
27/10/2023 12:20	3.8	76	15	5.2	0.0
27/10/2023 12:30	3.7	78	16	6.0	0.0
27/10/2023 12:40	3.6	71	17	5.2	0.0
27/10/2023 12:50	3.5	76	14	4.8	0.0
27/10/2023 13:00	3.3	70	19	5.1	0.0
27/10/2023 13:10	3.0	68	19	3.8	0.0
27/10/2023 13:20	3.2	56	16	4.7	0.0
27/10/2023 13:30	3.2	60	18	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 13:40	4.0	54	10	5.2	0.0
27/10/2023 13:50	3.9	55	10	4.9	0.0
27/10/2023 14:00	3.9	54	10	4.9	0.0
27/10/2023 14:10	4.0	61	10	5.2	0.0
27/10/2023 14:20	3.3	56	15	4.4	0.0
27/10/2023 14:30	3.3	52	13	4.6	0.0
27/10/2023 14:40	2.9	52	14	4.1	0.0
27/10/2023 14:50	3.1	54	14	4.3	0.0
27/10/2023 15:00	3.3	61	14	4.6	0.0
27/10/2023 15:10	3.4	57	13	4.4	0.0
27/10/2023 15:20	3.4	51	14	4.6	0.0
27/10/2023 15:30	3.2	51	13	4.4	0.0
27/10/2023 15:40	3.3	52	14	4.8	0.0
27/10/2023 15:50	3.2	52	14	4.4	0.0
27/10/2023 16:00	3.0	43	16	4.0	0.0
27/10/2023 16:10	2.9	41	15	4.0	0.0
27/10/2023 16:20	3.2	40	14	4.5	0.0
27/10/2023 16:30	3.3	44	14	4.5	0.0
27/10/2023 16:40	3.0	47	14	4.4	0.0
27/10/2023 16:50	2.5	52	13	3.8	0.0
27/10/2023 17:00	2.3	49	15	3.3	0.0
27/10/2023 17:10	2.2	50	15	3.5	0.0
27/10/2023 17:20	2.0	48	15	2.8	0.0
27/10/2023 17:30	2.0	51	15	2.6	0.0
27/10/2023 17:40	2.1	57	12	2.8	0.0
27/10/2023 17:50	1.7	61	13	2.4	0.0
27/10/2023 18:00	1.3	70	17	2.1	0.0
27/10/2023 18:10	1.1	71	18	1.6	0.0
27/10/2023 18:20	1.5	65	13	2.0	0.0
27/10/2023 18:30	1.2	62	14	1.8	0.0
27/10/2023 18:40	0.4	144	31	1.0	0.0
27/10/2023 18:50	0.7	177	11	1.3	0.0
27/10/2023 19:00	0.9	181	17	1.3	0.0
27/10/2023 19:10	1.1	271	17	1.7	0.0
27/10/2023 19:20	0.8	264	17	1.3	0.0
27/10/2023 19:30	1.0	270	11	1.4	0.0
27/10/2023 19:40	1.2	292	17	2.0	0.0
27/10/2023 19:50	1.5	280	14	2.2	0.0
27/10/2023 20:00	1.4	284	15	2.0	0.0
27/10/2023 20:10	0.9	323	20	1.5	0.0
27/10/2023 20:20	0.7	323	16	1.1	0.0
27/10/2023 20:30	1.0	274	33	1.4	0.0
27/10/2023 20:40	0.3	286	16	0.8	0.0
27/10/2023 20:50	0.5	272	10	0.9	0.0
27/10/2023 21:00	0.0	286	0	0.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/10/2023 21:10					0.0
27/10/2023 21:20	0.1	169	1	0.8	0.0
27/10/2023 21:30	0.3	137	26	0.8	0.0
27/10/2023 21:40	0.5	189	14	0.9	0.0
27/10/2023 21:50					0.0
27/10/2023 22:00	0.0	273	0	0.4	0.0
27/10/2023 22:10					0.0
27/10/2023 22:20	0.3	117	12	0.8	0.0
27/10/2023 22:30	0.6	68	15	1.5	0.0
27/10/2023 22:40	0.1	80	14	0.6	0.0
27/10/2023 22:50	0.1	90	8	0.4	0.0
27/10/2023 23:00	0.1	85	9	0.5	0.0
27/10/2023 23:10	0.3	130	14	0.8	0.0
27/10/2023 23:20	0.6	177	5	1.2	0.0
27/10/2023 23:30	0.1	60	4	0.6	0.0
27/10/2023 23:40	0.6	95	23	1.3	0.0
27/10/2023 23:50	1.5	93	10	2.0	0.0
28/10/2023 0:00	1.7	108	10	2.3	0.0
28/10/2023 0:10	1.8	112	10	2.1	0.0
28/10/2023 0:20	1.5	120	24	2.3	0.0
28/10/2023 0:30	1.6	146	24	2.6	0.0
28/10/2023 0:40	1.4	136	25	2.1	0.0
28/10/2023 0:50	1.4	117	18	2.1	0.0
28/10/2023 1:00	1.1	110	21	1.6	0.0
28/10/2023 1:10	0.9	119	24	1.5	0.0
28/10/2023 1:20	0.8	99	35	1.3	0.0
28/10/2023 1:30	0.9	342	8	1.2	0.0
28/10/2023 1:40	1.2	336	6	1.5	0.0
28/10/2023 1:50	0.9	332	9	1.2	0.0
28/10/2023 2:00	0.6	328	6	1.1	0.0
28/10/2023 2:10					0.0
28/10/2023 2:20					0.0
28/10/2023 2:30					0.0
28/10/2023 2:40					0.0
28/10/2023 2:50					0.0
28/10/2023 3:00					0.0
28/10/2023 3:10					0.0
28/10/2023 3:20					0.0
28/10/2023 3:30					0.0
28/10/2023 3:40					0.0
28/10/2023 3:50					0.0
28/10/2023 4:00					0.0
28/10/2023 4:10					0.0
28/10/2023 4:20	0.0	11	2	0.6	0.0
28/10/2023 4:30					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 4:40					0.0
28/10/2023 4:50	0.0	89	0	0.4	0.0
28/10/2023 5:00					0.0
28/10/2023 5:10					0.0
28/10/2023 5:20	0.0	56	1	0.4	0.0
28/10/2023 5:30	0.0	67	0	0.4	0.0
28/10/2023 5:40	0.0	62	5	0.4	0.0
28/10/2023 5:50	1.0	61	12	2.0	0.0
28/10/2023 6:00	1.3	45	13	2.0	0.0
28/10/2023 6:10	1.1	63	13	1.6	0.0
28/10/2023 6:20	0.9	76	16	1.4	0.0
28/10/2023 6:30	1.2	70	13	1.9	0.0
28/10/2023 6:40	1.3	82	13	1.8	0.0
28/10/2023 6:50	1.2	73	18	2.0	0.0
28/10/2023 7:00	1.5	75	16	2.1	0.0
28/10/2023 7:10	1.4	87	10	2.0	0.0
28/10/2023 7:20	1.7	73	15	2.4	0.0
28/10/2023 7:30	1.6	100	18	2.3	0.0
28/10/2023 7:40	1.5	126	22	2.4	0.0
28/10/2023 7:50	1.3	113	29	2.4	0.0
28/10/2023 8:00	2.0	108	18	2.9	0.0
28/10/2023 8:10	1.9	111	20	2.5	0.0
28/10/2023 8:20	2.3	90	18	3.0	0.0
28/10/2023 8:30	2.4	88	14	3.2	0.0
28/10/2023 8:40	2.6	90	14	3.6	0.0
28/10/2023 8:50	2.8	65	15	3.9	0.0
28/10/2023 9:00	3.3	56	10	4.4	0.0
28/10/2023 9:10	3.2	60	11	4.2	0.0
28/10/2023 9:20	3.4	58	12	4.6	0.0
28/10/2023 9:30	3.3	49	12	4.5	0.0
28/10/2023 9:40	3.5	57	12	4.8	0.0
28/10/2023 9:50	3.5	50	13	5.0	0.0
28/10/2023 10:00	3.5	53	14	4.7	0.0
28/10/2023 10:10	3.8	53	14	5.2	0.0
28/10/2023 10:20	3.7	48	12	4.8	0.0
28/10/2023 10:30	3.6	53	13	4.8	0.0
28/10/2023 10:40	3.7	54	13	5.1	0.0
28/10/2023 10:50	3.3	49	16	4.5	0.0
28/10/2023 11:00	3.4	50	14	4.5	0.0
28/10/2023 11:10	3.1	57	16	3.9	0.0
28/10/2023 11:20	3.3	49	14	4.3	0.0
28/10/2023 11:30	3.4	39	13	4.7	0.0
28/10/2023 11:40	3.6	44	13	4.7	0.0
28/10/2023 11:50	3.6	37	14	4.9	0.0
28/10/2023 12:00	3.5	42	14	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 12:10	3.7	46	16	4.8	0.0
28/10/2023 12:20	3.7	53	14	5.0	0.0
28/10/2023 12:30	3.8	52	12	5.0	0.0
28/10/2023 12:40	4.0	49	13	5.3	0.0
28/10/2023 12:50	4.0	53	12	5.6	0.0
28/10/2023 13:00	4.1	45	13	5.3	0.0
28/10/2023 13:10	4.2	54	11	5.2	0.0
28/10/2023 13:20	4.1	52	12	5.4	0.0
28/10/2023 13:30	4.1	54	14	5.7	0.0
28/10/2023 13:40	3.9	50	13	5.0	0.0
28/10/2023 13:50	4.1	51	14	5.7	0.0
28/10/2023 14:00	4.1	50	12	5.6	0.0
28/10/2023 14:10	4.3	52	11	5.6	0.0
28/10/2023 14:20	4.4	53	11	6.1	0.0
28/10/2023 14:30	4.4	50	12	5.8	0.0
28/10/2023 14:40	4.0	49	12	5.5	0.0
28/10/2023 14:50	4.1	52	12	5.5	0.0
28/10/2023 15:00	4.2	50	10	5.6	0.0
28/10/2023 15:10	4.0	50	13	5.5	0.0
28/10/2023 15:20	3.9	54	11	5.2	0.0
28/10/2023 15:30	3.5	37	15	4.8	0.0
28/10/2023 15:40	3.0	22	21	4.8	0.0
28/10/2023 15:50	3.3	344	22	5.2	0.0
28/10/2023 16:00	4.2	328	12	5.8	0.0
28/10/2023 16:10	4.0	330	12	5.6	0.0
28/10/2023 16:20	4.0	326	15	5.4	0.0
28/10/2023 16:30	4.0	336	12	5.4	0.0
28/10/2023 16:40	3.9	342	14	5.4	0.0
28/10/2023 16:50	4.0	343	11	5.2	0.0
28/10/2023 17:00	3.8	342	10	4.8	0.0
28/10/2023 17:10	3.5	345	13	4.7	0.0
28/10/2023 17:20	3.8	348	13	5.2	0.0
28/10/2023 17:30	3.7	345	13	4.8	0.0
28/10/2023 17:40	3.3	349	12	4.4	0.0
28/10/2023 17:50	3.3	340	11	4.4	0.0
28/10/2023 18:00	2.8	334	13	3.9	0.0
28/10/2023 18:10	2.9	327	11	4.0	0.0
28/10/2023 18:20	2.9	327	12	3.7	0.0
28/10/2023 18:30	3.1	328	12	4.2	0.0
28/10/2023 18:40	2.4	338	13	3.6	0.0
28/10/2023 18:50	2.4	345	19	3.5	0.0
28/10/2023 19:00	3.0	335	10	4.3	0.0
28/10/2023 19:10	3.2	333	13	4.3	0.0
28/10/2023 19:20	2.8	333	12	4.0	0.0
28/10/2023 19:30	3.4	329	13	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/10/2023 19:40	3.3	331	12	4.9	0.0
28/10/2023 19:50	3.6	327	16	5.4	0.0
28/10/2023 20:00	3.2	329	14	5.6	0.0
28/10/2023 20:10	2.5	312	22	4.0	0.0
28/10/2023 20:20	2.4	295	20	3.6	0.0
28/10/2023 20:30	2.3	278	21	3.6	0.0
28/10/2023 20:40	2.5	269	23	4.4	0.0
28/10/2023 20:50	2.6	267	17	4.0	0.0
28/10/2023 21:00	2.9	285	20	4.5	0.0
28/10/2023 21:10	2.9	289	22	4.1	0.0
28/10/2023 21:20	2.4	290	22	3.6	0.0
28/10/2023 21:30	2.3	278	26	3.6	0.0
28/10/2023 21:40	2.3	276	24	3.4	0.0
28/10/2023 21:50	2.3	264	27	3.8	0.0
28/10/2023 22:00	1.7	258	41	3.2	0.0
28/10/2023 22:10	1.9	245	45	3.3	0.0
28/10/2023 22:20	2.9	206	22	4.2	0.0
28/10/2023 22:30	1.9	273	35	3.4	0.0
28/10/2023 22:40	2.5	215	24	4.4	0.0
28/10/2023 22:50	2.1	239	22	4.0	0.0
28/10/2023 23:00	1.7	241	42	3.2	0.0
28/10/2023 23:10	2.4	203	26	4.0	0.0
28/10/2023 23:20	2.4	210	33	3.7	0.0
28/10/2023 23:30	2.6	200	22	4.4	0.0
28/10/2023 23:40	1.9	218	35	2.9	0.0
28/10/2023 23:50	2.0	205	28	3.3	0.0
29/10/2023 0:00	2.2	192	19	3.2	0.0
29/10/2023 0:10	2.0	221	34	3.6	0.0
29/10/2023 0:20	2.0	211	41	3.2	0.0
29/10/2023 0:30	1.9	202	33	3.1	0.0
29/10/2023 0:40	1.6	203	26	2.9	0.0
29/10/2023 0:50	1.4	215	55	2.9	0.0
29/10/2023 1:00	1.9	200	24	3.1	0.0
29/10/2023 1:10	1.4	255	45	2.7	0.0
29/10/2023 1:20	1.5	255	41	2.8	0.0
29/10/2023 1:30	1.5	257	47	2.8	0.0
29/10/2023 1:40	1.3	236	51	3.2	0.0
29/10/2023 1:50	1.6	272	36	2.8	0.0
29/10/2023 2:00	1.9	257	39	3.2	0.0
29/10/2023 2:10	1.4	240	41	2.6	0.0
29/10/2023 2:20	2.0	262	22	3.4	0.0
29/10/2023 2:30	1.2	241	39	2.5	0.0
29/10/2023 2:40	1.4	231	45	2.5	0.0
29/10/2023 2:50	1.4	218	30	3.0	0.0
29/10/2023 3:00	1.4	226	26	2.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 3:10	1.3	254	38	2.5	0.0
29/10/2023 3:20	1.5	265	31	2.4	0.0
29/10/2023 3:30	1.6	189	20	2.6	0.0
29/10/2023 3:40	1.7	196	23	2.9	0.0
29/10/2023 3:50	1.3	262	34	2.2	0.0
29/10/2023 4:00	1.2	231	22	2.0	0.0
29/10/2023 4:10	1.9	198	23	3.2	0.0
29/10/2023 4:20	2.3	193	13	3.5	0.0
29/10/2023 4:30	1.6	188	22	2.5	0.0
29/10/2023 4:40	1.6	195	22	2.4	0.0
29/10/2023 4:50	1.5	189	31	2.4	0.0
29/10/2023 5:00	1.3	257	33	2.3	0.0
29/10/2023 5:10	0.7	201	29	1.4	0.0
29/10/2023 5:20	0.5	251	28	1.3	0.0
29/10/2023 5:30	0.9	39	48	1.2	0.0
29/10/2023 5:40	0.8	309	14	1.5	0.0
29/10/2023 5:50	1.1	293	16	1.9	0.0
29/10/2023 6:00	1.1	277	32	1.8	0.0
29/10/2023 6:10	1.4	258	34	2.2	0.0
29/10/2023 6:20	1.1	249	28	2.1	0.0
29/10/2023 6:30	1.4	238	31	2.1	0.0
29/10/2023 6:40	1.6	216	27	2.8	0.0
29/10/2023 6:50	1.2	204	34	2.2	0.0
29/10/2023 7:00	1.2	230	41	2.4	0.0
29/10/2023 7:10	1.5	209	29	2.7	0.0
29/10/2023 7:20	1.6	219	36	2.6	0.0
29/10/2023 7:30	2.3	274	16	3.4	0.0
29/10/2023 7:40	1.8	225	35	3.0	0.0
29/10/2023 7:50	2.0	270	20	3.3	0.0
29/10/2023 8:00	1.6	264	28	2.7	0.0
29/10/2023 8:10	1.5	238	27	2.2	0.0
29/10/2023 8:20	1.3	263	35	2.4	0.0
29/10/2023 8:30	1.0	255	21	2.0	0.0
29/10/2023 8:40	1.2	282	31	2.1	0.0
29/10/2023 8:50	1.3	284	33	2.4	0.0
29/10/2023 9:00	1.6	328	31	2.8	0.0
29/10/2023 9:10	1.4	328	38	2.5	0.0
29/10/2023 9:20	1.4	290	36	2.6	0.0
29/10/2023 9:30	1.6	279	31	2.4	0.0
29/10/2023 9:40	1.4	280	43	2.1	0.0
29/10/2023 9:50	1.7	296	38	3.1	0.0
29/10/2023 10:00	1.6	144	48	2.7	0.0
29/10/2023 10:10	1.9	61	22	3.1	0.0
29/10/2023 10:20	2.0	41	25	3.4	0.0
29/10/2023 10:30	1.8	164	32	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 10:40	1.7	192	36	2.9	0.0
29/10/2023 10:50	2.2	58	18	3.2	0.0
29/10/2023 11:00	2.0	63	30	3.2	0.0
29/10/2023 11:10	1.7	24	34	2.6	0.0
29/10/2023 11:20	1.7	24	35	2.6	0.0
29/10/2023 11:30	1.8	51	24	3.0	0.0
29/10/2023 11:40	1.8	67	34	3.3	0.0
29/10/2023 11:50	2.4	78	20	3.4	0.0
29/10/2023 12:00	2.4	82	24	3.4	0.0
29/10/2023 12:10	2.2	73	18	3.6	0.0
29/10/2023 12:20	2.5	59	16	3.4	0.0
29/10/2023 12:30	2.3	68	18	3.2	0.0
29/10/2023 12:40	2.1	66	24	2.9	0.0
29/10/2023 12:50	2.2	48	18	2.9	0.0
29/10/2023 13:00	2.0	46	23	2.8	0.0
29/10/2023 13:10	2.2	196	32	3.1	0.0
29/10/2023 13:20	2.2	290	27	3.6	0.0
29/10/2023 13:30	2.2	273	30	3.7	0.0
29/10/2023 13:40	2.4	283	28	4.1	0.0
29/10/2023 13:50	2.2	274	25	3.3	0.0
29/10/2023 14:00	2.3	273	25	3.7	0.0
29/10/2023 14:10	2.6	270	20	4.0	0.0
29/10/2023 14:20	2.5	280	24	3.8	0.0
29/10/2023 14:30	2.9	276	19	4.1	0.0
29/10/2023 14:40	2.9	277	16	4.1	0.0
29/10/2023 14:50	2.8	278	22	4.2	0.0
29/10/2023 15:00	3.1	271	21	4.4	0.0
29/10/2023 15:10	3.0	267	24	4.7	0.0
29/10/2023 15:20	3.0	266	24	4.8	0.0
29/10/2023 15:30	3.4	261	28	5.5	0.0
29/10/2023 15:40	3.5	267	21	4.9	0.0
29/10/2023 15:50	3.2	265	21	4.9	0.0
29/10/2023 16:00	3.3	268	25	5.0	0.0
29/10/2023 16:10	3.0	270	24	4.4	0.0
29/10/2023 16:20	3.4	270	23	5.3	0.0
29/10/2023 16:30	3.2	277	18	4.8	0.0
29/10/2023 16:40	3.2	279	21	5.3	0.0
29/10/2023 16:50	3.2	276	18	4.7	0.0
29/10/2023 17:00	3.2	274	19	4.9	0.0
29/10/2023 17:10	3.1	265	20	4.5	0.0
29/10/2023 17:20	2.6	264	26	4.6	0.0
29/10/2023 17:30	2.7	270	19	4.8	0.0
29/10/2023 17:40	2.6	272	22	4.0	0.0
29/10/2023 17:50	2.3	265	31	4.6	0.0
29/10/2023 18:00	3.2	272	19	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/10/2023 18:10	2.7	268	28	4.5	0.0
29/10/2023 18:20	2.6	266	26	4.8	0.0
29/10/2023 18:30	1.8	269	41	3.3	0.0
29/10/2023 18:40	2.9	273	22	4.9	0.0
29/10/2023 18:50	3.2	268	20	4.9	0.0
29/10/2023 19:00	3.3	271	18	4.9	0.0
29/10/2023 19:10	3.2	273	21	5.3	0.0
29/10/2023 19:20	3.1	274	18	4.7	0.0
29/10/2023 19:30	2.9	275	21	4.5	0.0
29/10/2023 19:40	3.0	272	24	5.2	0.0
29/10/2023 19:50	2.9	277	19	4.0	0.0
29/10/2023 20:00	3.0	270	20	4.8	0.0
29/10/2023 20:10	3.1	276	17	4.6	0.0
29/10/2023 20:20	2.9	271	26	4.8	0.0
29/10/2023 20:30	3.0	270	19	4.6	0.0
29/10/2023 20:40	2.8	274	18	4.4	0.0
29/10/2023 20:50	2.8	269	20	4.4	0.0
29/10/2023 21:00	2.8	276	20	4.6	0.0
29/10/2023 21:10	2.8	273	21	4.9	0.0
29/10/2023 21:20	2.9	275	18	4.8	0.0
29/10/2023 21:30	3.4	268	21	5.2	0.0
29/10/2023 21:40	3.0	272	19	4.7	0.0
29/10/2023 21:50	2.9	271	21	4.8	0.0
29/10/2023 22:00	2.9	275	20	4.5	0.0
29/10/2023 22:10	2.7	280	20	4.7	0.0
29/10/2023 22:20	2.6	280	26	4.4	0.0
29/10/2023 22:30	3.1	276	20	5.1	0.0
29/10/2023 22:40	2.9	267	23	4.4	0.0
29/10/2023 22:50	2.7	279	23	4.3	0.0
29/10/2023 23:00	3.1	270	19	4.7	0.0
29/10/2023 23:10	3.1	276	22	4.7	0.0
29/10/2023 23:20	3.0	277	19	4.8	0.0
29/10/2023 23:30	2.8	269	25	4.9	0.0
29/10/2023 23:40	3.0	266	24	4.8	0.0
29/10/2023 23:50	2.9	274	21	4.4	0.0
30/10/2023 0:00	3.1	275	20	5.2	0.0
30/10/2023 0:10	3.1	267	24	5.1	0.0
30/10/2023 0:20	2.8	272	25	4.6	0.0
30/10/2023 0:30	2.5	269	27	4.3	0.0
30/10/2023 0:40	2.4	270	28	4.2	0.0
30/10/2023 0:50	2.5	268	27	3.9	0.0
30/10/2023 1:00	2.6	271	19	4.1	0.0
30/10/2023 1:10	2.4	272	21	3.6	0.0
30/10/2023 1:20	2.1	275	23	3.0	0.0
30/10/2023 1:30	2.4	268	22	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 1:40	1.9	271	24	3.0	0.0
30/10/2023 1:50	2.0	272	18	3.1	0.0
30/10/2023 2:00	1.9	274	19	3.2	0.0
30/10/2023 2:10	2.0	272	22	3.2	0.0
30/10/2023 2:20	2.1	266	24	3.5	0.0
30/10/2023 2:30	2.3	265	26	3.5	0.0
30/10/2023 2:40	2.3	268	26	3.6	0.0
30/10/2023 2:50	2.3	268	24	3.6	0.0
30/10/2023 3:00	2.4	273	20	3.9	0.0
30/10/2023 3:10	2.3	266	25	4.0	0.0
30/10/2023 3:20	2.1	272	27	3.4	0.0
30/10/2023 3:30	2.6	272	22	4.1	0.0
30/10/2023 3:40	2.6	270	25	4.0	0.0
30/10/2023 3:50	2.2	273	22	3.7	0.0
30/10/2023 4:00	2.2	271	27	3.7	0.0
30/10/2023 4:10	1.9	274	27	3.1	0.0
30/10/2023 4:20	1.7	278	23	2.8	0.0
30/10/2023 4:30	2.1	272	22	3.5	0.0
30/10/2023 4:40	1.9	269	31	3.5	0.0
30/10/2023 4:50	1.9	270	24	2.8	0.0
30/10/2023 5:00	1.7	271	28	3.1	0.0
30/10/2023 5:10	1.5	270	37	2.8	0.0
30/10/2023 5:20	1.2	251	50	2.5	0.0
30/10/2023 5:30	1.6	251	44	2.8	0.0
30/10/2023 5:40	1.2	264	42	2.8	0.0
30/10/2023 5:50	1.2	247	40	2.4	0.0
30/10/2023 6:00	1.2	252	55	2.2	0.0
30/10/2023 6:10	1.2	245	37	2.1	0.0
30/10/2023 6:20	1.4	238	32	2.8	0.0
30/10/2023 6:30	2.0	235	21	3.2	0.0
30/10/2023 6:40	1.2	187	20	2.1	0.0
30/10/2023 6:50	0.9	229	46	2.0	0.0
30/10/2023 7:00	1.4	270	40	2.6	0.0
30/10/2023 7:10	1.2	246	54	2.3	0.0
30/10/2023 7:20	1.0	252	47	1.8	0.0
30/10/2023 7:30	1.5	255	38	2.9	0.0
30/10/2023 7:40	1.2	194	44	2.0	0.0
30/10/2023 7:50	1.4	243	38	2.3	0.0
30/10/2023 8:00	1.1	268	36	2.4	0.0
30/10/2023 8:10	1.5	253	37	2.5	0.0
30/10/2023 8:20	1.5	247	31	2.7	0.0
30/10/2023 8:30	1.3	249	38	2.0	0.0
30/10/2023 8:40	1.2	210	37	2.4	0.0
30/10/2023 8:50	1.9	193	21	3.2	0.0
30/10/2023 9:00	2.0	201	20	2.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 9:10	2.2	185	20	3.6	0.0
30/10/2023 9:20	2.2	200	18	3.3	0.0
30/10/2023 9:30	2.2	207	18	3.2	0.0
30/10/2023 9:40	2.0	195	27	3.3	0.0
30/10/2023 9:50	1.8	193	22	3.3	0.0
30/10/2023 10:00	1.3	246	35	2.2	0.0
30/10/2023 10:10	3.1	186	30	4.2	0.0
30/10/2023 10:20	2.6	40	15	3.4	0.0
30/10/2023 10:30	2.6	56	16	3.3	0.0
30/10/2023 10:40	2.8	65	10	3.5	0.0
30/10/2023 10:50	3.1	59	14	4.2	0.0
30/10/2023 11:00	3.4	52	13	4.8	0.0
30/10/2023 11:10	3.5	59	13	4.9	0.0
30/10/2023 11:20	3.2	59	16	4.4	0.0
30/10/2023 11:30	3.3	56	20	5.1	0.0
30/10/2023 11:40	2.8	338	31	4.2	0.0
30/10/2023 11:50	3.6	348	18	4.8	0.0
30/10/2023 12:00	4.4	174	16	6.4	0.0
30/10/2023 12:10	4.4	175	19	6.8	0.0
30/10/2023 12:20	3.9	338	18	5.6	0.0
30/10/2023 12:30	4.2	325	19	6.4	0.0
30/10/2023 12:40	3.2	303	20	4.6	0.0
30/10/2023 12:50	3.5	299	22	5.2	0.0
30/10/2023 13:00	3.8	295	19	5.9	0.0
30/10/2023 13:10	3.4	296	23	5.1	0.0
30/10/2023 13:20	3.6	304	18	5.4	0.0
30/10/2023 13:30	3.1	302	24	4.8	0.0
30/10/2023 13:40	3.5	302	23	5.3	0.0
30/10/2023 13:50	3.4	306	22	5.2	0.0
30/10/2023 14:00	3.9	297	18	5.8	0.0
30/10/2023 14:10	4.2	311	17	6.1	0.0
30/10/2023 14:20	3.9	315	23	6.0	0.0
30/10/2023 14:30	3.4	301	22	5.2	0.0
30/10/2023 14:40	3.6	275	22	5.8	0.0
30/10/2023 14:50	3.8	286	23	6.1	0.0
30/10/2023 15:00	3.7	287	23	5.5	0.0
30/10/2023 15:10	3.8	306	22	6.0	0.0
30/10/2023 15:20	3.9	292	23	5.5	0.0
30/10/2023 15:30	4.1	300	20	6.2	0.0
30/10/2023 15:40	4.0	298	20	6.5	0.0
30/10/2023 15:50	4.0	302	18	5.9	0.0
30/10/2023 16:00	4.1	317	16	6.2	0.0
30/10/2023 16:10	3.7	306	19	5.4	0.0
30/10/2023 16:20	3.9	303	20	6.4	0.0
30/10/2023 16:30	3.6	305	20	6.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/10/2023 16:40	5.1	300	13	7.1	0.0
30/10/2023 16:50	4.1	303	19	6.5	0.0
30/10/2023 17:00	3.6	295	22	5.6	0.0
30/10/2023 17:10	4.1	295	17	6.0	0.0
30/10/2023 17:20	3.9	289	22	5.7	0.0
30/10/2023 17:30	4.2	298	19	7.1	0.0
30/10/2023 17:40	4.7	302	15	6.6	0.0
30/10/2023 17:50	3.6	289	22	5.7	0.0
30/10/2023 18:00	3.7	295	21	5.8	0.0
30/10/2023 18:10	3.4	300	22	5.7	0.0
30/10/2023 18:20	3.8	301	25	6.3	0.0
30/10/2023 18:30	3.9	301	17	6.6	0.0
30/10/2023 18:40	3.7	299	19	6.0	0.0
30/10/2023 18:50	4.0	304	18	6.5	0.0
30/10/2023 19:00	3.9	299	20	6.0	0.0
30/10/2023 19:10	3.1	294	23	5.1	0.0
30/10/2023 19:20	3.0	295	24	4.8	0.0
30/10/2023 19:30	2.6	281	23	4.5	0.0
30/10/2023 19:40	3.2	271	22	5.3	0.0
30/10/2023 19:50	3.4	272	23	5.4	0.0
30/10/2023 20:00	3.5	276	19	5.4	0.0
30/10/2023 20:10	3.2	275	26	5.1	0.0
30/10/2023 20:20	3.5	277	24	5.4	0.0
30/10/2023 20:30	3.3	273	21	5.1	0.0
30/10/2023 20:40	2.9	275	27	4.8	0.0
30/10/2023 20:50	2.6	272	25	4.3	0.0
30/10/2023 21:00	3.1	274	23	4.7	0.0
30/10/2023 21:10	3.4	266	30	5.8	0.0
30/10/2023 21:20	3.0	260	29	5.4	0.0
30/10/2023 21:30	3.0	262	26	5.2	0.0
30/10/2023 21:40	2.9	266	25	5.2	0.0
30/10/2023 21:50	2.6	271	32	4.3	0.0
30/10/2023 22:00	2.2	275	27	3.5	0.0
30/10/2023 22:10	2.3	268	26	3.6	0.0
30/10/2023 22:20	2.7	277	21	4.0	0.0
30/10/2023 22:30	2.4	283	22	3.8	0.0
30/10/2023 22:40	2.2	291	23	3.8	0.0
30/10/2023 22:50	2.1	292	27	3.5	0.0
30/10/2023 23:00	2.4	283	23	3.7	0.0
30/10/2023 23:10	2.7	279	23	4.4	0.0
30/10/2023 23:20	2.6	278	20	4.5	0.0
30/10/2023 23:30	2.4	282	23	3.8	0.0
30/10/2023 23:40	2.7	278	21	4.5	0.0
30/10/2023 23:50	2.7	274	24	4.4	0.0
31/10/2023 0:00	2.8	273	23	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 0:10	3.1	271	23	5.2	0.0
31/10/2023 0:20	3.9	265	21	6.0	0.0
31/10/2023 0:30	3.5	267	25	5.6	0.0
31/10/2023 0:40	3.2	274	24	4.9	0.0
31/10/2023 0:50	3.5	274	23	6.0	0.0
31/10/2023 1:00	3.2	271	25	5.3	0.0
31/10/2023 1:10	3.2	269	23	4.8	0.0
31/10/2023 1:20	3.1	273	23	5.1	0.0
31/10/2023 1:30	3.5	270	26	5.5	0.0
31/10/2023 1:40	2.9	275	25	5.1	0.0
31/10/2023 1:50	3.2	268	26	6.1	0.0
31/10/2023 2:00	2.8	265	39	4.9	0.0
31/10/2023 2:10	2.5	261	45	5.3	0.0
31/10/2023 2:20	2.2	274	52	5.2	0.0
31/10/2023 2:30	2.0	255	55	4.9	0.0
31/10/2023 2:40	2.3	270	41	4.5	0.0
31/10/2023 2:50	1.4	248	60	3.1	0.0
31/10/2023 3:00	1.5	245	58	3.6	0.0
31/10/2023 3:10	1.6	247	48	3.3	0.0
31/10/2023 3:20	1.9	264	37	3.4	0.0
31/10/2023 3:30	1.1	240	54	2.3	0.0
31/10/2023 3:40	1.7	257	41	3.0	0.0
31/10/2023 3:50	0.7	220	69	1.6	0.0
31/10/2023 4:00	1.4	251	68	2.6	0.0
31/10/2023 4:10	1.0	212	64	2.3	0.0
31/10/2023 4:20	1.6	269	36	2.7	0.0
31/10/2023 4:30	1.7	273	31	2.9	0.0
31/10/2023 4:40	1.2	326	52	2.8	0.0
31/10/2023 4:50	1.7	284	18	2.6	0.0
31/10/2023 5:00	1.7	237	28	2.8	0.0
31/10/2023 5:10	1.2	193	25	2.1	0.0
31/10/2023 5:20	0.9	182	44	1.6	0.0
31/10/2023 5:30	1.2	209	31	2.0	0.0
31/10/2023 5:40	1.3	180	41	2.0	0.0
31/10/2023 5:50	1.2	205	44	1.9	0.0
31/10/2023 6:00	0.9	208	45	1.6	0.0
31/10/2023 6:10	1.2	214	39	1.9	0.0
31/10/2023 6:20	0.9	227	51	2.0	0.0
31/10/2023 6:30	0.9	238	53	2.1	0.0
31/10/2023 6:40	1.1	224	45	2.2	0.0
31/10/2023 6:50	1.3	244	44	2.8	0.0
31/10/2023 7:00	1.3	228	42	2.2	0.0
31/10/2023 7:10	1.6	251	34	2.5	0.0
31/10/2023 7:20	1.5	236	31	2.7	0.0
31/10/2023 7:30	2.2	264	26	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 7:40	2.7	265	19	4.0	0.0
31/10/2023 7:50	2.2	256	26	3.4	0.0
31/10/2023 8:00	2.2	265	25	3.4	0.0
31/10/2023 8:10	2.4	282	19	3.8	0.0
31/10/2023 8:20	2.4	277	24	4.3	0.0
31/10/2023 8:30	2.6	270	19	4.0	0.0
31/10/2023 8:40	2.6	266	15	4.0	0.0
31/10/2023 8:50	2.6	263	22	4.1	0.0
31/10/2023 9:00	2.5	269	19	3.8	0.0
31/10/2023 9:10	2.1	271	26	3.4	0.0
31/10/2023 9:20	2.7	301	22	4.0	0.0
31/10/2023 9:30	2.2	295	23	3.5	0.0
31/10/2023 9:40	2.2	288	21	3.7	0.0
31/10/2023 9:50	2.3	285	24	3.5	0.0
31/10/2023 10:00	2.4	283	28	3.6	0.0
31/10/2023 10:10	2.3	271	21	3.7	0.0
31/10/2023 10:20	2.2	273	21	3.2	0.0
31/10/2023 10:30	2.1	282	26	3.2	0.0
31/10/2023 10:40	2.6	286	24	3.7	0.0
31/10/2023 10:50	2.7	264	30	4.0	0.0
31/10/2023 11:00	2.8	285	25	4.6	0.0
31/10/2023 11:10	2.9	271	26	4.4	0.0
31/10/2023 11:20	3.2	268	24	4.4	0.0
31/10/2023 11:30	3.5	261	21	5.2	0.0
31/10/2023 11:40	3.5	268	20	5.3	0.0
31/10/2023 11:50	3.4	275	20	4.8	0.0
31/10/2023 12:00	3.4	285	23	5.2	0.0
31/10/2023 12:10	3.2	281	24	4.7	0.0
31/10/2023 12:20	3.3	276	24	4.8	0.0
31/10/2023 12:30	3.1	263	30	4.8	0.0
31/10/2023 12:40	3.4	260	21	5.0	0.0
31/10/2023 12:50	3.6	269	22	5.7	0.0
31/10/2023 13:00	4.0	285	19	6.4	0.0
31/10/2023 13:10	3.5	276	22	5.4	0.0
31/10/2023 13:20	4.1	268	22	6.7	0.0
31/10/2023 13:30	3.5	274	22	5.3	0.0
31/10/2023 13:40	3.9	266	21	5.6	0.0
31/10/2023 13:50	4.2	268	17	6.4	0.0
31/10/2023 14:00	3.9	260	24	5.8	0.0
31/10/2023 14:10	4.0	284	23	6.0	0.0
31/10/2023 14:20	4.2	296	23	6.4	0.0
31/10/2023 14:30	4.0	297	25	6.2	0.0
31/10/2023 14:40	4.2	292	21	6.9	0.0
31/10/2023 14:50	4.2	282	20	6.0	0.0
31/10/2023 15:00	4.2	294	20	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 15:10	4.7	295	19	7.3	0.0
31/10/2023 15:20	4.7	296	17	6.8	0.0
31/10/2023 15:30	4.9	301	18	7.4	0.0
31/10/2023 15:40	4.8	299	18	7.3	0.0
31/10/2023 15:50	4.7	299	19	7.2	0.0
31/10/2023 16:00	4.7	297	21	7.0	0.0
31/10/2023 16:10	4.0	285	23	6.4	0.0
31/10/2023 16:20	4.6	286	23	6.8	0.0
31/10/2023 16:30	4.2	286	18	6.3	0.0
31/10/2023 16:40	4.2	287	21	6.5	0.0
31/10/2023 16:50	4.1	284	21	7.0	0.0
31/10/2023 17:00	4.0	276	22	5.9	0.0
31/10/2023 17:10	3.7	271	20	5.8	0.0
31/10/2023 17:20	4.0	279	21	6.4	0.0
31/10/2023 17:30	3.7	268	19	5.8	0.0
31/10/2023 17:40	3.7	271	23	5.8	0.0
31/10/2023 17:50	3.7	272	23	5.8	0.0
31/10/2023 18:00	3.3	273	27	5.7	0.0
31/10/2023 18:10	3.3	271	24	5.1	0.0
31/10/2023 18:20	3.3	272	31	5.7	0.0
31/10/2023 18:30	3.4	274	28	5.6	0.0
31/10/2023 18:40	3.3	270	29	6.0	0.0
31/10/2023 18:50	3.4	274	32	5.5	0.0
31/10/2023 19:00	2.7	276	23	4.2	0.0
31/10/2023 19:10	3.0	271	28	5.0	0.0
31/10/2023 19:20	2.6	273	24	4.0	0.0
31/10/2023 19:30	3.3	293	20	5.2	0.0
31/10/2023 19:40	3.0	288	26	5.1	0.0
31/10/2023 19:50	3.2	277	19	5.0	0.0
31/10/2023 20:00	3.0	269	23	4.6	0.0
31/10/2023 20:10	2.9	279	18	4.8	0.0
31/10/2023 20:20	3.0	272	20	5.4	0.0
31/10/2023 20:30	3.1	271	20	5.3	0.0
31/10/2023 20:40	2.8	278	23	4.7	0.0
31/10/2023 20:50	2.9	272	20	5.0	0.0
31/10/2023 21:00	2.9	268	29	4.4	0.0
31/10/2023 21:10	2.8	273	27	4.2	0.0
31/10/2023 21:20	3.0	264	29	4.8	0.0
31/10/2023 21:30	2.3	275	34	4.2	0.0
31/10/2023 21:40	2.7	273	22	4.2	0.0
31/10/2023 21:50	2.5	268	29	4.0	0.0
31/10/2023 22:00	2.3	268	26	4.3	0.0
31/10/2023 22:10	2.7	279	20	4.4	0.0
31/10/2023 22:20	2.6	270	22	4.1	0.0
31/10/2023 22:30	2.1	280	23	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
31/10/2023 22:40	2.6	269	25	4.6	0.0
31/10/2023 22:50	2.5	265	28	4.8	0.0
31/10/2023 23:00	2.1	272	39	3.6	0.0
31/10/2023 23:10	2.5	280	26	4.8	0.0
31/10/2023 23:20	1.8	266	58	3.6	0.0
31/10/2023 23:30	1.5	251	66	2.8	0.0
31/10/2023 23:40	1.7	259	46	3.2	0.0
31/10/2023 23:50	2.0	254	32	3.6	0.0
1/11/2023 0:00	1.7	227	81	4.4	0.0
1/11/2023 0:10	1.8	225	56	2.9	0.0
1/11/2023 0:20	1.8	255	63	4.3	0.0
1/11/2023 0:30	1.5	206	55	2.9	0.0
1/11/2023 0:40	1.5	226	53	2.8	0.0
1/11/2023 0:50	1.1	231	51	2.9	0.0
1/11/2023 1:00	1.6	214	45	3.3	0.0
1/11/2023 1:10	1.6	233	43	3.2	0.0
1/11/2023 1:20	1.3	202	63	2.5	0.0
1/11/2023 1:30	1.3	259	77	2.6	0.0
1/11/2023 1:40	1.6	219	72	2.9	0.0
1/11/2023 1:50	2.2	199	47	4.0	0.0
1/11/2023 2:00	1.3	224	89	3.2	0.0
1/11/2023 2:10	1.3	269	94	2.6	0.0
1/11/2023 2:20	1.8	235	51	3.8	0.0
1/11/2023 2:30	1.4	251	58	3.0	0.0
1/11/2023 2:40	1.0	261	81	2.2	0.0
1/11/2023 2:50	1.2	249	61	2.8	0.0
1/11/2023 3:00	1.3	248	72	2.8	0.0
1/11/2023 3:10	1.4	271	63	3.2	0.0
1/11/2023 3:20	1.8	262	53	3.3	0.0
1/11/2023 3:30	1.3	282	47	2.9	0.0
1/11/2023 3:40	1.5	279	36	3.1	0.0
1/11/2023 3:50	1.1	266	39	2.5	0.0
1/11/2023 4:00	1.7	259	43	3.4	0.0
1/11/2023 4:10	1.6	262	39	3.2	0.0
1/11/2023 4:20	1.6	279	65	3.2	0.0
1/11/2023 4:30	1.1	234	53	2.1	0.0
1/11/2023 4:40	1.1	280	69	2.0	0.0
1/11/2023 4:50	1.5	285	26	2.8	0.0
1/11/2023 5:00	0.7	153	73	2.0	0.0
1/11/2023 5:10	0.6	204	61	1.9	0.0
1/11/2023 5:20	0.8	228	45	1.4	0.0
1/11/2023 5:30	0.9	266	60	2.0	0.0
1/11/2023 5:40	0.9	234	59	1.8	0.0
1/11/2023 5:50	0.8	264	60	2.3	0.0
1/11/2023 6:00	1.3	235	40	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/11/2023 6:10	1.2	239	47	2.7	0.0
1/11/2023 6:20	1.2	216	48	2.3	0.0
1/11/2023 6:30	1.5	238	50	2.8	0.0
1/11/2023 6:40	1.1	204	47	2.5	0.0
1/11/2023 6:50	1.2	251	62	2.8	0.0
1/11/2023 7:00	1.4	260	46	2.6	0.0
1/11/2023 7:10	1.9	233	41	3.2	0.0
1/11/2023 7:20	2.3	260	32	3.9	0.0
1/11/2023 7:30	2.7	271	23	4.1	0.0
1/11/2023 7:40	2.4	259	30	4.3	0.0
1/11/2023 7:50	2.6	272	18	4.6	0.0
1/11/2023 8:00	2.9	277	21	4.6	0.0
1/11/2023 8:10	2.7	271	20	4.4	0.0
1/11/2023 8:20	2.9	275	21	4.0	0.0
1/11/2023 8:30	2.7	276	20	4.0	0.0
1/11/2023 8:40	2.6	276	20	4.8	0.0
1/11/2023 8:50	2.8	282	24	4.4	0.0
1/11/2023 9:00	3.0	274	18	4.5	0.0
1/11/2023 9:10	2.9	273	20	4.4	0.0
1/11/2023 9:20	2.5	270	25	4.2	0.0
1/11/2023 9:30	2.2	237	44	3.8	0.0
1/11/2023 9:40	2.2	241	44	4.0	0.0
1/11/2023 9:50	2.5	270	33	4.2	0.0
1/11/2023 10:00	2.7	284	29	4.7	0.0
1/11/2023 10:10	3.3	288	27	5.6	0.0
1/11/2023 10:20	3.1	287	21	5.3	0.0
1/11/2023 10:30	3.2	291	25	5.4	0.0
1/11/2023 10:40	3.4	283	22	5.1	0.0
1/11/2023 10:50	3.3	280	20	5.0	0.0
1/11/2023 11:00	3.2	287	25	5.3	0.0
1/11/2023 11:10	3.3	285	23	4.8	0.0
1/11/2023 11:20	3.7	289	23	5.6	0.0
1/11/2023 11:30	3.5	278	23	5.9	0.0
1/11/2023 11:40	3.9	284	21	5.6	0.0
1/11/2023 11:50	3.8	275	24	5.7	0.0
1/11/2023 12:00	3.5	276	21	5.6	0.0
1/11/2023 12:10	3.8	273	24	5.7	0.0
1/11/2023 12:20	3.8	274	23	6.0	0.0
1/11/2023 12:30	3.9	269	22	5.8	0.0
1/11/2023 12:40	3.9	270	20	6.3	0.0
1/11/2023 12:50	4.1	272	21	6.2	0.0
1/11/2023 13:00	3.9	278	21	6.8	0.0
1/11/2023 13:10	4.2	261	21	7.0	0.0
1/11/2023 13:20	4.4	264	18	6.5	0.0
1/11/2023 13:30	4.2	268	25	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/11/2023 13:40	4.0	271	25	6.3	0.0
1/11/2023 13:50	4.2	264	22	6.4	0.0
1/11/2023 14:00	4.0	261	27	5.7	0.0
1/11/2023 14:10	4.0	268	26	6.5	0.0
1/11/2023 14:20	4.2	272	21	6.4	0.0
1/11/2023 14:30	3.6	266	25	5.8	0.0
1/11/2023 14:40	4.1	275	22	6.5	0.0
1/11/2023 14:50	4.0	265	24	7.1	0.0
1/11/2023 15:00	4.1	266	24	6.1	0.0
1/11/2023 15:10	3.9	267	28	6.0	0.0
1/11/2023 15:20	3.9	269	23	6.0	0.0
1/11/2023 15:30	4.0	269	23	5.7	0.0
1/11/2023 15:40	3.8	268	23	6.1	0.0
1/11/2023 15:50	3.9	266	22	6.0	0.0
1/11/2023 16:00	2.9	269	34	6.1	0.0
1/11/2023 16:10	2.6	265	42	5.1	0.0
1/11/2023 16:20	3.5	275	21	4.8	0.0
1/11/2023 16:30	3.4	266	27	5.8	0.0
1/11/2023 16:40	3.1	256	39	5.3	0.0
1/11/2023 16:50	3.6	268	25	5.7	0.0
1/11/2023 17:00	2.9	263	34	4.9	0.0
1/11/2023 17:10	3.7	273	21	5.5	0.0
1/11/2023 17:20	3.3	267	19	5.2	0.0
1/11/2023 17:30	3.4	278	17	4.8	0.0
1/11/2023 17:40	3.7	270	22	6.0	0.0
1/11/2023 17:50	3.1	276	20	5.2	0.0
1/11/2023 18:00	3.2	275	20	5.8	0.0
1/11/2023 18:10	3.3	275	23	5.4	0.0
1/11/2023 18:20	3.4	272	23	5.3	0.0
1/11/2023 18:30	2.9	262	26	5.0	0.0
1/11/2023 18:40	3.1	275	24	4.8	0.0
1/11/2023 18:50	3.0	280	22	4.8	0.0
1/11/2023 19:00	2.7	275	25	4.2	0.0
1/11/2023 19:10	3.0	267	26	4.8	0.0
1/11/2023 19:20	3.4	268	21	4.9	0.0
1/11/2023 19:30	2.4	273	28	4.1	0.0
1/11/2023 19:40	2.8	281	32	4.6	0.0
1/11/2023 19:50	3.0	269	29	5.0	0.0
1/11/2023 20:00	3.0	271	26	5.0	0.0
1/11/2023 20:10	2.2	273	40	4.4	0.0
1/11/2023 20:20	2.0	277	49	3.5	0.0
1/11/2023 20:30	2.3	280	27	4.1	0.0
1/11/2023 20:40	1.9	275	41	4.0	0.0
1/11/2023 20:50	2.4	266	42	5.1	0.0
1/11/2023 21:00	2.5	270	55	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/11/2023 21:10	2.9	272	32	4.9	0.0
1/11/2023 21:20	2.7	273	29	4.4	0.0
1/11/2023 21:30	1.8	261	42	3.6	0.0
1/11/2023 21:40	2.1	265	34	4.0	0.0
1/11/2023 21:50	1.7	268	43	3.2	0.0
1/11/2023 22:00	1.4	249	54	2.7	0.0
1/11/2023 22:10	2.4	264	37	4.8	0.0
1/11/2023 22:20	2.3	252	42	4.4	0.0
1/11/2023 22:30	2.1	248	47	4.9	0.0
1/11/2023 22:40	1.5	208	49	2.5	0.0
1/11/2023 22:50	1.5	240	51	2.9	0.0
1/11/2023 23:00	1.6	234	56	2.9	0.0
1/11/2023 23:10	2.0	231	54	3.8	0.0
1/11/2023 23:20	1.7	223	59	3.6	0.0
1/11/2023 23:30	1.4	228	67	3.4	0.0
1/11/2023 23:40	1.5	228	61	2.8	0.0
1/11/2023 23:50	1.8	257	44	3.0	0.0
2/11/2023 0:00	1.7	218	65	3.5	0.0
2/11/2023 0:10	1.6	223	68	3.6	0.0
2/11/2023 0:20	2.1	219	40	4.0	0.0
2/11/2023 0:30	1.7	214	55	3.0	0.0
2/11/2023 0:40	1.8	205	50	4.3	0.0
2/11/2023 0:50	2.2	208	46	3.9	0.0
2/11/2023 1:00	2.4	200	27	3.9	0.0
2/11/2023 1:10	1.7	212	60	3.2	0.0
2/11/2023 1:20	1.3	244	63	2.8	0.0
2/11/2023 1:30	1.1	100	55	2.4	0.0
2/11/2023 1:40	1.3	207	75	2.4	0.0
2/11/2023 1:50	1.1	219	78	2.2	0.0
2/11/2023 2:00	1.3	220	80	2.8	0.0
2/11/2023 2:10	1.8	236	43	3.3	0.0
2/11/2023 2:20	1.6	247	53	3.7	0.0
2/11/2023 2:30	1.7	257	39	3.2	0.0
2/11/2023 2:40	1.2	232	65	2.8	0.0
2/11/2023 2:50	1.3	268	49	3.2	0.0
2/11/2023 3:00	1.1	248	62	2.5	0.0
2/11/2023 3:10	0.9	203	76	2.2	0.0
2/11/2023 3:20	1.2	221	61	2.1	0.0
2/11/2023 3:30	1.4	254	43	2.8	0.0
2/11/2023 3:40	1.6	260	42	3.2	0.0
2/11/2023 3:50	1.6	263	43	3.8	0.0
2/11/2023 4:00	1.1	236	52	2.8	0.0
2/11/2023 4:10	1.0	287	40	2.2	0.0
2/11/2023 4:20	1.1	279	39	2.9	0.0
2/11/2023 4:30	1.3	269	37	2.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/11/2023 4:40	1.4	261	42	2.8	0.0
2/11/2023 4:50	1.7	265	38	2.9	0.0
2/11/2023 5:00	1.4	264	48	2.5	0.0
2/11/2023 5:10	1.5	301	32	2.4	0.0
2/11/2023 5:20	1.7	296	16	2.4	0.0
2/11/2023 5:30	1.2	299	24	2.0	0.0
2/11/2023 5:40	1.4	294	24	2.3	0.0
2/11/2023 5:50	1.2	303	20	2.0	0.0
2/11/2023 6:00	0.4	203	30	1.2	0.0
2/11/2023 6:10	0.7	168	21	1.2	0.0
2/11/2023 6:20	1.5	321	14	2.3	0.0
2/11/2023 6:30	1.9	313	12	2.4	0.0
2/11/2023 6:40	1.6	297	16	2.4	0.0
2/11/2023 6:50	1.5	304	13	2.0	0.0
2/11/2023 7:00	1.3	288	19	2.1	0.0
2/11/2023 7:10	1.8	291	16	2.5	0.0
2/11/2023 7:20	1.7	268	16	2.5	0.0
2/11/2023 7:30	1.7	282	15	2.6	0.0
2/11/2023 7:40	1.7	279	19	2.6	0.0
2/11/2023 7:50	2.0	279	20	3.4	0.0
2/11/2023 8:00	1.8	271	23	2.8	0.0
2/11/2023 8:10	2.2	289	20	3.2	0.0
2/11/2023 8:20	2.4	293	21	3.6	0.0
2/11/2023 8:30	2.6	298	22	4.0	0.0
2/11/2023 8:40	2.5	305	20	3.6	0.0
2/11/2023 8:50	3.1	297	19	4.5	0.0
2/11/2023 9:00	2.9	276	23	4.2	0.0
2/11/2023 9:10	2.5	275	23	3.7	0.0
2/11/2023 9:20	2.6	284	29	4.3	0.0
2/11/2023 9:30	2.8	292	25	4.3	0.0
2/11/2023 9:40	2.9	285	21	5.0	0.0
2/11/2023 9:50	3.0	278	21	4.5	0.0
2/11/2023 10:00	3.1	276	24	4.3	0.0
2/11/2023 10:10	3.2	280	19	4.9	0.0
2/11/2023 10:20	3.0	278	25	4.9	0.0
2/11/2023 10:30	3.2	284	25	4.5	0.0
2/11/2023 10:40	2.9	282	28	4.7	0.0
2/11/2023 10:50	3.0	281	21	4.6	0.0
2/11/2023 11:00	2.8	264	23	4.2	0.0
2/11/2023 11:10	3.0	269	24	4.6	0.0
2/11/2023 11:20	3.2	264	23	5.2	0.0
2/11/2023 11:30	3.6	274	20	5.5	0.0
2/11/2023 11:40	3.5	271	21	4.9	0.0
2/11/2023 11:50	3.5	275	20	5.0	0.0
2/11/2023 12:00	3.3	285	20	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/11/2023 12:10	3.2	286	22	5.1	0.0
2/11/2023 12:20	3.4	291	21	5.0	0.0
2/11/2023 12:30	3.2	274	22	5.1	0.0
2/11/2023 12:40	3.8	273	21	5.2	0.0
2/11/2023 12:50	3.6	270	22	5.6	0.0
2/11/2023 13:00	3.8	280	25	6.0	0.0
2/11/2023 13:10	4.0	273	20	6.4	0.0
2/11/2023 13:20	3.7	274	22	5.8	0.0
2/11/2023 13:30	4.0	274	20	6.2	0.0
2/11/2023 13:40	4.0	277	22	6.8	0.0
2/11/2023 13:50	4.2	270	20	6.5	0.0
2/11/2023 14:00	4.1	277	23	5.9	0.0
2/11/2023 14:10	4.5	278	19	6.4	0.0
2/11/2023 14:20	4.1	273	24	6.5	0.0
2/11/2023 14:30	4.0	266	25	5.9	0.0
2/11/2023 14:40	3.9	267	25	5.6	0.0
2/11/2023 14:50	4.1	273	20	6.1	0.0
2/11/2023 15:00	4.4	278	20	6.8	0.0
2/11/2023 15:10	4.1	275	20	6.4	0.0
2/11/2023 15:20	4.0	278	22	6.6	0.0
2/11/2023 15:30	4.4	274	19	6.5	0.0
2/11/2023 15:40	4.0	273	19	6.1	0.0
2/11/2023 15:50	4.0	276	20	7.0	0.0
2/11/2023 16:00	4.3	271	18	6.4	0.0
2/11/2023 16:10	3.8	275	22	6.0	0.0
2/11/2023 16:20	4.4	269	18	6.8	0.0
2/11/2023 16:30	4.0	269	21	6.0	0.0
2/11/2023 16:40	3.4	277	26	5.0	0.0
2/11/2023 16:50	3.2	268	31	5.7	0.0
2/11/2023 17:00	3.2	271	25	5.4	0.0
2/11/2023 17:10	2.7	260	40	4.8	0.0
2/11/2023 17:20	2.7	253	40	5.0	0.0
2/11/2023 17:30	3.5	270	23	5.2	0.0
2/11/2023 17:40	3.3	265	25	6.5	0.0
2/11/2023 17:50	3.8	276	19	5.6	0.0
2/11/2023 18:00	3.9	267	21	6.0	0.0
2/11/2023 18:10	3.5	265	21	6.0	0.0
2/11/2023 18:20	3.5	270	22	5.3	0.0
2/11/2023 18:30	3.2	270	23	5.6	0.0
2/11/2023 18:40	3.4	272	25	5.2	0.0
2/11/2023 18:50	3.5	269	24	5.6	0.0
2/11/2023 19:00	3.2	276	23	5.4	0.0
2/11/2023 19:10	2.1	252	58	4.2	0.0
2/11/2023 19:20	2.0	262	47	3.9	0.0
2/11/2023 19:30	2.3	267	59	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/11/2023 19:40	2.8	257	35	5.0	0.0
2/11/2023 19:50	3.0	257	32	5.5	0.0
2/11/2023 20:00	2.8	255	34	5.2	0.0
2/11/2023 20:10	1.9	265	40	3.8	0.0
2/11/2023 20:20	3.0	267	28	4.7	0.0
2/11/2023 20:30	2.8	254	34	4.6	0.0
2/11/2023 20:40	2.5	254	42	4.4	0.0
2/11/2023 20:50	2.5	251	43	5.2	0.0
2/11/2023 21:00	2.4	264	38	4.9	0.0
2/11/2023 21:10	2.4	277	28	4.4	0.0
2/11/2023 21:20	1.8	267	61	3.8	0.0
2/11/2023 21:30	2.1	251	44	3.7	0.0
2/11/2023 21:40	3.0	263	27	4.8	0.0
2/11/2023 21:50	3.0	265	27	5.7	0.0
2/11/2023 22:00	2.5	262	36	4.6	0.0
2/11/2023 22:10	2.7	267	30	4.8	0.0
2/11/2023 22:20	2.7	275	22	5.1	0.0
2/11/2023 22:30	2.3	279	32	3.9	0.0
2/11/2023 22:40	2.7	276	26	4.4	0.0
2/11/2023 22:50	1.9	275	45	3.4	0.0
2/11/2023 23:00	2.6	272	38	4.4	0.0
2/11/2023 23:10	2.7	277	27	4.9	0.0
2/11/2023 23:20	2.6	273	36	4.4	0.0
2/11/2023 23:30	2.1	273	42	4.8	0.0
2/11/2023 23:40	1.6	231	61	3.6	0.0
2/11/2023 23:50	1.2	216	70	3.2	0.0
3/11/2023 0:00	1.7	185	34	3.1	0.0
3/11/2023 0:10	1.9	194	29	3.1	0.0
3/11/2023 0:20	2.4	195	17	3.5	0.0
3/11/2023 0:30	2.4	195	21	3.7	0.0
3/11/2023 0:40	2.8	198	19	4.1	0.0
3/11/2023 0:50	2.3	204	28	3.6	0.0
3/11/2023 1:00	2.1	210	37	3.7	0.0
3/11/2023 1:10	1.8	199	43	3.6	0.0
3/11/2023 1:20	1.9	220	48	4.0	0.0
3/11/2023 1:30	1.9	235	62	4.2	0.0
3/11/2023 1:40	1.7	208	47	3.5	0.0
3/11/2023 1:50	2.8	186	24	4.5	0.0
3/11/2023 2:00	2.0	227	40	3.2	0.0
3/11/2023 2:10	2.5	200	23	3.9	0.0
3/11/2023 2:20	1.6	227	53	3.0	0.0
3/11/2023 2:30	2.8	205	36	4.8	0.0
3/11/2023 2:40	2.4	259	37	4.5	0.0
3/11/2023 2:50	1.0	220	85	2.0	0.0
3/11/2023 3:00	1.5	268	43	2.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/11/2023 3:10	1.8	141	56	3.1	0.0
3/11/2023 3:20	2.4	315	19	3.4	0.0
3/11/2023 3:30	1.4	276	51	2.1	0.0
3/11/2023 3:40	1.5	251	37	2.4	0.0
3/11/2023 3:50	2.2	231	40	3.2	0.0
3/11/2023 4:00	2.3	268	38	4.5	0.0
3/11/2023 4:10	2.1	262	46	3.9	0.0
3/11/2023 4:20	2.3	255	40	3.9	0.0
3/11/2023 4:30	2.4	274	44	4.6	0.0
3/11/2023 4:40	1.7	227	55	3.5	0.0
3/11/2023 4:50	1.6	224	48	2.7	0.0
3/11/2023 5:00	1.6	264	51	3.3	0.0
3/11/2023 5:10	2.1	282	25	3.6	0.0
3/11/2023 5:20	2.5	271	51	4.5	0.0
3/11/2023 5:30	2.7	265	35	4.5	0.0
3/11/2023 5:40	3.1	277	22	5.6	0.0
3/11/2023 5:50	3.0	272	24	5.2	0.0
3/11/2023 6:00	2.9	282	31	6.1	0.0
3/11/2023 6:10	2.8	269	32	4.7	0.0
3/11/2023 6:20	2.5	238	52	4.8	0.0
3/11/2023 6:30	2.1	240	50	4.1	0.0
3/11/2023 6:40	1.8	217	63	3.8	0.0
3/11/2023 6:50	1.8	232	68	3.7	0.0
3/11/2023 7:00	2.4	230	57	4.7	0.0
3/11/2023 7:10	2.7	232	39	5.3	0.0
3/11/2023 7:20	2.7	221	46	5.8	0.0
3/11/2023 7:30	4.3	197	17	6.2	0.0
3/11/2023 7:40	4.9	188	14	6.9	0.0
3/11/2023 7:50	5.4	190	13	7.6	0.0
3/11/2023 8:00	5.2	186	12	7.5	0.0
3/11/2023 8:10	5.9	190	13	9.1	0.0
3/11/2023 8:20	6.9	178	12	9.6	0.0
3/11/2023 8:30	5.7	184	11	8.1	0.0
3/11/2023 8:40	5.1	184	12	7.2	0.0
3/11/2023 8:50	4.9	179	14	6.8	0.0
3/11/2023 9:00	5.3	181	16	7.7	0.0
3/11/2023 9:10	6.1	190	10	7.9	0.0
3/11/2023 9:20	6.2	186	8	7.5	0.0
3/11/2023 9:30	5.9	181	10	7.8	0.0
3/11/2023 9:40	4.5	186	12	6.3	0.0
3/11/2023 9:50	3.9	192	18	5.9	0.0
3/11/2023 10:00	3.7	189	14	5.6	0.0
3/11/2023 10:10	4.0	188	13	5.6	0.0
3/11/2023 10:20	3.8	189	13	5.5	0.0
3/11/2023 10:30	2.2	207	34	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/11/2023 10:40	2.3	226	34	3.5	0.0
3/11/2023 10:50	2.1	245	30	4.0	0.0
3/11/2023 11:00	1.9	239	38	3.1	0.0
3/11/2023 11:10	1.7	223	37	3.2	0.0
3/11/2023 11:20	1.9	244	36	3.2	0.0
3/11/2023 11:30	2.2	258	32	4.1	0.0
3/11/2023 11:40	2.1	254	42	4.0	0.0
3/11/2023 11:50	2.4	253	29	4.1	0.0
3/11/2023 12:00	2.3	259	32	4.0	0.0
3/11/2023 12:10	2.4	247	28	4.6	0.0
3/11/2023 12:20	2.1	254	33	4.4	0.0
3/11/2023 12:30	2.4	220	35	4.1	0.0
3/11/2023 12:40	1.9	261	40	3.9	0.0
3/11/2023 12:50	2.0	235	42	4.0	0.0
3/11/2023 13:00	2.2	250	40	4.0	0.0
3/11/2023 13:10	2.1	242	36	4.0	0.0
3/11/2023 13:20	2.4	245	30	4.0	0.0
3/11/2023 13:30	2.9	241	37	4.4	0.0
3/11/2023 13:40	3.1	267	31	5.8	0.0
3/11/2023 13:50	3.1	276	23	5.3	0.0
3/11/2023 14:00	3.1	277	22	5.0	0.0
3/11/2023 14:10	3.6	289	20	5.6	0.0
3/11/2023 14:20	3.5	279	18	5.3	0.0
3/11/2023 14:30	3.4	278	20	5.2	0.0
3/11/2023 14:40	3.0	279	21	5.2	0.0
3/11/2023 14:50	3.3	278	22	5.2	0.0
3/11/2023 15:00	3.2	277	22	5.1	0.0
3/11/2023 15:10	3.3	280	23	5.6	0.0
3/11/2023 15:20	3.4	290	20	5.8	0.0
3/11/2023 15:30	3.3	297	21	4.8	0.0
3/11/2023 15:40	3.7	299	22	5.5	0.0
3/11/2023 15:50	3.3	300	22	5.0	0.0
3/11/2023 16:00	3.0	279	24	4.9	0.0
3/11/2023 16:10	3.9	282	20	5.6	0.0
3/11/2023 16:20	3.5	281	18	6.0	0.0
3/11/2023 16:30	3.2	279	20	5.2	0.0
3/11/2023 16:40	2.9	283	20	5.4	0.0
3/11/2023 16:50	3.2	287	20	4.6	0.0
3/11/2023 17:00	3.2	279	18	5.2	0.0
3/11/2023 17:10	3.2	280	21	5.1	0.0
3/11/2023 17:20	2.8	287	19	4.2	0.0
3/11/2023 17:30	2.8	284	18	4.4	0.0
3/11/2023 17:40	3.2	283	19	4.8	0.0
3/11/2023 17:50	2.8	275	21	4.1	0.0
3/11/2023 18:00	2.9	278	18	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/11/2023 18:10	3.0	281	18	4.3	0.0
3/11/2023 18:20	2.9	283	18	4.3	0.0
3/11/2023 18:30	2.8	281	19	4.2	0.0
3/11/2023 18:40	2.3	277	16	3.4	0.0
3/11/2023 18:50	2.4	269	24	4.4	0.0
3/11/2023 19:00	2.5	271	26	4.6	0.0
3/11/2023 19:10	2.3	268	27	3.9	0.0
3/11/2023 19:20	2.0	279	22	3.0	0.0
3/11/2023 19:30	1.8	284	23	3.1	0.0
3/11/2023 19:40	2.0	273	31	3.4	0.0
3/11/2023 19:50	2.2	276	27	3.7	0.0
3/11/2023 20:00	1.8	262	34	3.2	0.0
3/11/2023 20:10	2.0	264	36	3.6	0.0
3/11/2023 20:20	2.6	261	33	4.5	0.0
3/11/2023 20:30	2.4	271	27	4.2	0.0
3/11/2023 20:40	2.4	281	18	3.4	0.0
3/11/2023 20:50	2.4	281	20	3.6	0.0
3/11/2023 21:00	1.9	280	20	3.2	0.0
3/11/2023 21:10	2.4	283	14	3.7	0.0
3/11/2023 21:20	2.2	281	19	3.4	0.0
3/11/2023 21:30	2.2	283	17	3.5	0.0
3/11/2023 21:40	2.1	292	22	3.5	0.0
3/11/2023 21:50	1.7	276	30	2.8	0.0
3/11/2023 22:00	1.4	292	35	2.5	0.0
3/11/2023 22:10	1.8	291	24	2.6	0.0
3/11/2023 22:20	2.4	282	20	3.6	0.0
3/11/2023 22:30	2.1	276	32	3.6	0.0
3/11/2023 22:40	1.6	272	47	3.6	0.0
3/11/2023 22:50	1.9	252	33	3.9	0.0
3/11/2023 23:00	2.0	256	29	3.6	0.0
3/11/2023 23:10	2.1	260	36	3.6	0.0
3/11/2023 23:20	1.7	263	45	3.2	0.0
3/11/2023 23:30	1.5	234	65	3.8	0.0
3/11/2023 23:40	2.2	272	33	3.7	0.0
3/11/2023 23:50	2.0	273	33	3.6	0.0
4/11/2023 0:00	1.7	246	62	3.6	0.0
4/11/2023 0:10	2.0	271	36	4.0	0.0
4/11/2023 0:20	2.1	259	36	3.3	0.0
4/11/2023 0:30	1.6	225	51	3.3	0.0
4/11/2023 0:40	1.7	232	51	3.3	0.0
4/11/2023 0:50	1.4	223	67	2.9	0.0
4/11/2023 1:00	1.5	236	74	3.2	0.0
4/11/2023 1:10	1.6	267	56	3.3	0.0
4/11/2023 1:20	1.5	277	54	3.2	0.0
4/11/2023 1:30	1.5	255	53	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/11/2023 1:40	1.7	264	43	4.1	0.0
4/11/2023 1:50	1.3	288	50	3.0	0.0
4/11/2023 2:00	1.0	258	66	2.2	0.0
4/11/2023 2:10	1.1	271	67	2.8	0.0
4/11/2023 2:20	1.1	258	59	2.6	0.0
4/11/2023 2:30	1.5	281	30	2.8	0.0
4/11/2023 2:40	1.6	272	29	3.0	0.0
4/11/2023 2:50	1.3	274	31	2.5	0.0
4/11/2023 3:00	1.8	263	29	3.2	0.0
4/11/2023 3:10	2.4	263	24	4.3	0.0
4/11/2023 3:20	1.5	267	33	2.8	0.0
4/11/2023 3:30	2.3	260	26	3.7	0.0
4/11/2023 3:40	1.7	285	27	2.8	0.0
4/11/2023 3:50	1.6	287	19	2.2	0.0
4/11/2023 4:00	1.3	268	55	2.9	0.0
4/11/2023 4:10	1.5	261	27	3.7	0.0
4/11/2023 4:20	2.1	264	21	3.2	0.0
4/11/2023 4:30	2.1	271	17	3.2	0.0
4/11/2023 4:40	2.3	281	14	3.2	0.0
4/11/2023 4:50	2.2	278	16	3.2	0.0
4/11/2023 5:00	2.0	290	14	2.8	0.0
4/11/2023 5:10	1.9	290	16	2.7	0.0
4/11/2023 5:20	1.6	292	17	2.4	0.0
4/11/2023 5:30	2.0	272	13	2.8	0.0
4/11/2023 5:40	2.3	267	12	3.0	0.0
4/11/2023 5:50	1.6	262	24	2.9	0.0
4/11/2023 6:00	2.0	269	13	2.8	0.0
4/11/2023 6:10	1.9	283	10	2.5	0.0
4/11/2023 6:20	2.1	284	10	2.8	0.0
4/11/2023 6:30	2.1	273	13	3.1	0.0
4/11/2023 6:40	2.3	271	13	3.2	0.0
4/11/2023 6:50	2.5	269	10	3.2	0.0
4/11/2023 7:00	2.3	269	16	3.2	0.0
4/11/2023 7:10	2.2	248	26	3.6	0.0
4/11/2023 7:20	3.8	209	16	5.5	0.0
4/11/2023 7:30	4.8	209	11	6.3	0.0
4/11/2023 7:40	4.9	208	12	6.0	0.0
4/11/2023 7:50	5.2	201	10	7.0	0.0
4/11/2023 8:00	4.8	200	11	6.0	0.0
4/11/2023 8:10	5.1	198	10	6.3	0.0
4/11/2023 8:20	5.2	196	10	6.5	0.0
4/11/2023 8:30	4.7	193	12	6.7	0.0
4/11/2023 8:40	4.0	195	11	6.0	0.0
4/11/2023 8:50	3.7	192	15	5.2	0.0
4/11/2023 9:00	3.8	200	12	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/11/2023 9:10	3.2	193	17	4.4	0.0
4/11/2023 9:20	2.7	190	19	4.2	0.0
4/11/2023 9:30	1.8	169	29	3.1	0.0
4/11/2023 9:40	2.5	146	27	4.2	0.0
4/11/2023 9:50	2.4	97	20	3.6	0.0
4/11/2023 10:00	2.0	69	20	2.9	0.0
4/11/2023 10:10	2.0	61	15	2.8	0.0
4/11/2023 10:20	1.8	53	14	2.4	0.0
4/11/2023 10:30	1.7	60	15	2.6	0.0
4/11/2023 10:40	2.0	47	16	2.8	0.0
4/11/2023 10:50	1.9	48	21	2.6	0.0
4/11/2023 11:00	2.3	62	17	3.0	0.0
4/11/2023 11:10	1.9	55	25	2.6	0.0
4/11/2023 11:20	1.8	53	31	2.5	0.0
4/11/2023 11:30	1.7	47	27	2.3	0.0
4/11/2023 11:40	2.0	54	19	2.6	0.0
4/11/2023 11:50	2.8	58	12	3.5	0.0
4/11/2023 12:00	3.0	56	14	4.3	0.0
4/11/2023 12:10	3.0	54	18	4.1	0.0
4/11/2023 12:20	3.5	56	12	4.5	0.0
4/11/2023 12:30	3.6	46	16	4.9	0.0
4/11/2023 12:40	4.2	43	11	5.2	0.0
4/11/2023 12:50	3.8	46	11	5.0	0.0
4/11/2023 13:00	3.6	50	13	5.0	0.0
4/11/2023 13:10	4.1	39	14	5.6	0.0
4/11/2023 13:20	4.6	40	15	6.4	0.0
4/11/2023 13:30	4.4	27	23	7.9	0.0
4/11/2023 13:40	3.5	180	24	5.9	0.0
4/11/2023 13:50	4.3	354	20	6.4	0.0
4/11/2023 14:00	3.8	339	17	5.2	0.0
4/11/2023 14:10	3.7	329	16	5.6	0.0
4/11/2023 14:20	3.9	321	18	6.3	0.0
4/11/2023 14:30	3.4	314	19	5.2	0.0
4/11/2023 14:40	3.0	289	23	4.7	0.0
4/11/2023 14:50	3.3	290	27	5.5	0.0
4/11/2023 15:00	2.8	269	24	4.4	0.0
4/11/2023 15:10	3.1	281	25	4.4	0.0
4/11/2023 15:20	3.3	280	22	5.1	0.0
4/11/2023 15:30	3.2	270	19	5.1	0.0
4/11/2023 15:40	3.5	268	18	5.7	0.0
4/11/2023 15:50	3.4	270	21	5.2	0.0
4/11/2023 16:00	3.4	262	21	4.8	0.0
4/11/2023 16:10	3.6	270	17	5.2	0.0
4/11/2023 16:20	3.3	273	22	4.8	0.0
4/11/2023 16:30	3.1	277	21	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/11/2023 16:40	3.1	277	21	4.8	0.0
4/11/2023 16:50	3.2	269	25	4.8	0.0
4/11/2023 17:00	3.2	270	19	5.1	0.0
4/11/2023 17:10	3.6	271	16	5.3	0.0
4/11/2023 17:20	2.9	270	24	4.6	0.0
4/11/2023 17:30	3.5	268	21	5.2	0.0
4/11/2023 17:40	3.5	266	18	5.5	0.0
4/11/2023 17:50	3.4	272	20	5.5	0.0
4/11/2023 18:00	2.5	286	18	4.0	0.0
4/11/2023 18:10	2.6	290	18	4.0	0.0
4/11/2023 18:20	2.9	281	20	4.4	0.0
4/11/2023 18:30	3.4	276	18	5.2	0.0
4/11/2023 18:40	3.2	276	22	5.2	0.0
4/11/2023 18:50	3.3	275	23	5.3	0.0
4/11/2023 19:00	2.6	265	32	4.9	0.0
4/11/2023 19:10	3.1	273	24	4.9	0.0
4/11/2023 19:20	2.3	270	37	4.0	0.0
4/11/2023 19:30	2.4	268	34	4.0	0.0
4/11/2023 19:40	2.3	265	28	4.1	0.0
4/11/2023 19:50	2.4	265	23	4.1	0.0
4/11/2023 20:00	2.4	259	30	4.5	0.0
4/11/2023 20:10	2.3	270	26	4.0	0.0
4/11/2023 20:20	2.2	277	29	4.2	0.0
4/11/2023 20:30	2.8	264	25	4.8	0.0
4/11/2023 20:40	2.2	265	36	4.4	0.0
4/11/2023 20:50	2.7	260	23	4.8	0.0
4/11/2023 21:00	2.9	270	20	4.6	0.0
4/11/2023 21:10	2.3	256	46	4.0	0.0
4/11/2023 21:20	2.3	270	30	4.3	0.0
4/11/2023 21:30	2.5	268	28	4.5	0.0
4/11/2023 21:40	2.1	262	35	4.4	0.0
4/11/2023 21:50	2.7	265	28	4.2	0.0
4/11/2023 22:00	2.4	275	27	4.4	0.0
4/11/2023 22:10	2.3	272	28	4.2	0.0
4/11/2023 22:20	2.2	268	28	4.3	0.0
4/11/2023 22:30	2.2	265	35	3.8	0.0
4/11/2023 22:40	2.2	251	42	4.0	0.0
4/11/2023 22:50	1.9	254	53	3.6	0.0
4/11/2023 23:00	2.1	272	35	4.1	0.0
4/11/2023 23:10	1.7	251	48	3.8	0.0
4/11/2023 23:20	2.0	265	34	3.2	0.0
4/11/2023 23:30	2.0	283	28	3.4	0.0
4/11/2023 23:40	2.1	289	23	3.2	0.0
4/11/2023 23:50	2.3	283	16	3.6	0.0
5/11/2023 0:00	2.4	282	16	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/11/2023 0:10	2.3	285	21	3.6	0.0
5/11/2023 0:20	1.7	286	26	2.7	0.0
5/11/2023 0:30	2.3	263	31	4.7	0.0
5/11/2023 0:40	1.6	217	78	3.3	0.0
5/11/2023 0:50	1.9	202	59	3.6	0.0
5/11/2023 1:00	1.6	231	57	3.2	0.0
5/11/2023 1:10	1.8	227	56	4.5	0.0
5/11/2023 1:20	1.3	208	74	3.0	0.0
5/11/2023 1:30	1.6	214	41	2.9	0.0
5/11/2023 1:40	1.5	212	59	3.1	0.0
5/11/2023 1:50	1.8	218	35	3.6	0.0
5/11/2023 2:00	1.3	222	38	3.5	0.0
5/11/2023 2:10	1.8	228	41	3.8	0.0
5/11/2023 2:20	2.2	254	28	4.0	0.0
5/11/2023 2:30	2.7	250	26	4.4	0.0
5/11/2023 2:40	3.2	248	22	4.8	0.0
5/11/2023 2:50	3.1	253	15	4.2	0.0
5/11/2023 3:00	3.1	258	11	4.2	0.0
5/11/2023 3:10	3.0	258	12	4.1	0.0
5/11/2023 3:20	2.7	256	17	4.0	0.0
5/11/2023 3:30	2.7	253	18	4.4	0.0
5/11/2023 3:40	2.8	244	23	4.2	0.0
5/11/2023 3:50	3.1	231	26	5.2	0.0
5/11/2023 4:00	3.4	224	23	5.2	0.0
5/11/2023 4:10	3.7	217	18	6.0	0.0
5/11/2023 4:20	3.5	218	20	5.6	0.0
5/11/2023 4:30	3.7	218	17	6.3	0.0
5/11/2023 4:40	4.4	214	17	6.4	0.0
5/11/2023 4:50	4.6	216	16	6.9	0.0
5/11/2023 5:00	4.9	212	15	6.6	0.0
5/11/2023 5:10	4.6	215	15	6.3	0.0
5/11/2023 5:20	4.8	213	13	6.4	0.0
5/11/2023 5:30	4.8	213	15	6.6	0.0
5/11/2023 5:40	4.8	215	15	6.6	0.0
5/11/2023 5:50	4.6	211	12	6.2	0.0
5/11/2023 6:00	4.2	207	13	6.1	0.0
5/11/2023 6:10	3.7	203	16	5.1	0.0
5/11/2023 6:20	3.3	204	16	4.9	0.0
5/11/2023 6:30	3.1	202	21	4.8	0.0
5/11/2023 6:40	2.4	188	24	4.5	0.0
5/11/2023 6:50	1.8	166	43	3.5	0.0
5/11/2023 7:00	2.2	153	42	4.8	0.0
5/11/2023 7:10	2.6	150	25	4.4	0.0
5/11/2023 7:20	3.3	140	28	5.6	0.0
5/11/2023 7:30	3.7	120	31	6.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/11/2023 7:40	3.3	111	27	6.0	0.0
5/11/2023 7:50	3.7	98	30	6.4	0.0
5/11/2023 8:00	4.5	87	19	6.8	0.0
5/11/2023 8:10	4.5	90	21	7.7	0.0
5/11/2023 8:20	5.4	90	13	7.6	0.0
5/11/2023 8:30	5.0	88	16	7.2	0.0
5/11/2023 8:40	5.1	87	16	7.1	0.0
5/11/2023 8:50	5.3	86	13	7.1	0.0
5/11/2023 9:00	5.2	88	12	7.2	0.0
5/11/2023 9:10	4.4	86	16	6.4	0.0
5/11/2023 9:20	4.6	88	15	6.4	0.0
5/11/2023 9:30	4.5	76	15	6.6	0.0
5/11/2023 9:40	3.9	65	14	5.6	0.0
5/11/2023 9:50	4.0	63	16	5.9	0.0
5/11/2023 10:00	5.1	58	11	6.4	0.0
5/11/2023 10:10	4.1	60	12	5.7	0.0
5/11/2023 10:20	3.9	52	14	5.6	0.0
5/11/2023 10:30	3.7	52	13	5.3	0.0
5/11/2023 10:40	3.7	50	13	5.2	0.0
5/11/2023 10:50	3.3	52	14	4.8	0.0
5/11/2023 11:00	4.0	43	14	5.8	0.0
5/11/2023 11:10	3.7	45	15	5.6	0.0
5/11/2023 11:20	3.5	51	13	5.0	0.0
5/11/2023 11:30	3.3	49	15	4.7	0.0
5/11/2023 11:40	3.7	51	14	5.1	0.0
5/11/2023 11:50	3.6	44	14	4.9	0.0
5/11/2023 12:00	3.1	48	14	4.2	0.0
5/11/2023 12:10	3.1	53	16	4.4	0.0
5/11/2023 12:20	4.0	43	11	5.5	0.0
5/11/2023 12:30	3.9	43	12	5.6	0.0
5/11/2023 12:40	3.2	53	15	5.0	0.0
5/11/2023 12:50	3.6	49	14	5.3	0.0
5/11/2023 13:00	3.4	48	16	5.2	0.0
5/11/2023 13:10	3.3	49	16	4.5	0.0
5/11/2023 13:20	3.7	47	15	5.5	0.0
5/11/2023 13:30	3.6	47	15	5.1	0.0
5/11/2023 13:40	3.0	46	14	4.4	0.0
5/11/2023 13:50	3.0	55	18	4.8	0.0
5/11/2023 14:00	3.7	49	14	5.4	0.0
5/11/2023 14:10	3.3	53	17	4.9	0.0
5/11/2023 14:20	2.9	65	16	4.4	0.0
5/11/2023 14:30	2.9	65	16	4.1	0.0
5/11/2023 14:40	3.3	58	17	4.8	0.0
5/11/2023 14:50	4.5	38	16	6.7	0.0
5/11/2023 15:00	5.3	30	14	7.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/11/2023 15:10	6.0	29	14	8.9	0.0
5/11/2023 15:20	5.6	29	15	8.3	0.0
5/11/2023 15:30	5.9	29	12	8.6	0.0
5/11/2023 15:40	5.5	34	13	7.7	0.0
5/11/2023 15:50	4.6	35	16	6.4	0.0
5/11/2023 16:00	3.9	47	14	5.3	0.0
5/11/2023 16:10	3.8	47	15	5.2	0.0
5/11/2023 16:20	3.3	50	17	4.5	0.0
5/11/2023 16:30	3.5	26	17	5.2	0.0
5/11/2023 16:40	4.0	12	16	6.0	0.0
5/11/2023 16:50	3.6	344	13	4.8	0.0
5/11/2023 17:00	3.7	353	16	5.1	0.0
5/11/2023 17:10	4.5	181	14	6.3	0.0
5/11/2023 17:20	4.5	180	13	6.6	0.0
5/11/2023 17:30	4.3	354	13	5.9	0.0
5/11/2023 17:40	4.0	355	11	5.8	0.0
5/11/2023 17:50	4.2	178	11	6.0	0.0
5/11/2023 18:00	4.1	358	15	5.9	0.0
5/11/2023 18:10	4.4	6	13	6.5	0.0
5/11/2023 18:20	3.4	167	18	6.1	0.0
5/11/2023 18:30	2.5	325	14	3.6	0.0
5/11/2023 18:40	2.5	346	18	3.6	0.0
5/11/2023 18:50	3.4	355	16	4.8	0.0
5/11/2023 19:00	2.7	353	14	4.6	0.0
5/11/2023 19:10	1.9	180	16	3.1	0.0
5/11/2023 19:20	0.8	206	20	2.0	0.0
5/11/2023 19:30	2.1	330	18	3.2	0.0
5/11/2023 19:40	2.0	334	14	2.9	0.0
5/11/2023 19:50	0.9	344	17	1.6	0.0
5/11/2023 20:00	0.7	296	35	1.5	0.0
5/11/2023 20:10	5.2	197	15	8.1	0.0
5/11/2023 20:20	1.9	196	32	4.9	0.0
5/11/2023 20:30	2.9	222	31	5.6	0.0
5/11/2023 20:40	2.0	199	20	2.9	0.0
5/11/2023 20:50	2.3	193	13	2.9	0.0
5/11/2023 21:00	1.9	174	15	2.8	0.0
5/11/2023 21:10	2.0	149	19	3.9	0.0
5/11/2023 21:20	1.8	123	28	3.0	0.0
5/11/2023 21:30	2.9	103	18	4.4	0.0
5/11/2023 21:40	2.6	126	24	4.1	0.0
5/11/2023 21:50	2.8	117	21	4.5	0.0
5/11/2023 22:00	2.0	124	33	3.8	0.0
5/11/2023 22:10	1.2	157	39	2.8	0.0
5/11/2023 22:20	1.7	143	12	2.8	0.0
5/11/2023 22:30	1.5	246	32	2.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/11/2023 22:40	0.8	113	69	2.0	0.0
5/11/2023 22:50	0.5	110	56	1.2	0.0
5/11/2023 23:00	1.1	342	16	2.1	0.0
5/11/2023 23:10	1.6	97	11	2.4	0.0
5/11/2023 23:20	1.8	112	11	2.5	0.0
5/11/2023 23:30	1.9	127	15	2.9	0.0
5/11/2023 23:40	1.7	114	14	2.4	0.0
5/11/2023 23:50	1.4	102	17	2.2	0.0
6/11/2023 0:00	1.2	117	16	1.7	0.0
6/11/2023 0:10	1.2	89	13	1.8	0.0
6/11/2023 0:20	1.7	104	13	2.3	0.0
6/11/2023 0:30	1.7	84	14	2.4	0.0
6/11/2023 0:40	1.1	69	9	1.5	0.0
6/11/2023 0:50	1.0	66	10	1.3	0.0
6/11/2023 1:00	1.0	62	14	1.6	0.0
6/11/2023 1:10	0.3	43	7	0.8	0.0
6/11/2023 1:20	0.5	76	14	1.0	0.0
6/11/2023 1:30	0.5	112	15	0.9	0.0
6/11/2023 1:40	0.1	338	2	0.6	0.0
6/11/2023 1:50	0.4	78	6	0.8	0.0
6/11/2023 2:00	0.0	123	0	0.4	0.0
6/11/2023 2:10					0.0
6/11/2023 2:20	0.1	71	3	0.4	0.0
6/11/2023 2:30	0.5	96	14	1.2	0.0
6/11/2023 2:40	0.9	42	13	1.4	0.0
6/11/2023 2:50	0.6	32	15	1.2	0.0
6/11/2023 3:00	0.6	290	20	1.1	0.0
6/11/2023 3:10	0.2	207	4	0.7	0.0
6/11/2023 3:20	0.9	167	12	1.4	0.0
6/11/2023 3:30	0.1	146	23	0.5	0.0
6/11/2023 3:40	0.6	196	7	0.9	0.0
6/11/2023 3:50	0.0	143	0	0.4	0.0
6/11/2023 4:00	0.4	73	15	0.9	0.0
6/11/2023 4:10	0.4	71	11	0.9	0.0
6/11/2023 4:20	0.7	71	32	1.2	0.0
6/11/2023 4:30	0.9	121	26	1.6	0.0
6/11/2023 4:40	0.2	158	15	1.2	0.0
6/11/2023 4:50	0.3	170	11	0.8	0.0
6/11/2023 5:00	0.8	255	26	1.4	0.0
6/11/2023 5:10	2.2	207	14	3.5	0.0
6/11/2023 5:20	3.2	202	10	4.4	0.0
6/11/2023 5:30	2.5	190	15	3.2	0.0
6/11/2023 5:40	2.0	192	22	3.3	0.0
6/11/2023 5:50	2.7	186	25	3.9	0.0
6/11/2023 6:00	1.2	229	49	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/11/2023 6:10	0.9	14	43	1.5	0.0
6/11/2023 6:20	1.5	343	14	2.0	0.0
6/11/2023 6:30	1.5	329	9	1.9	0.0
6/11/2023 6:40	1.4	324	13	2.0	0.0
6/11/2023 6:50	1.0	288	26	1.9	0.0
6/11/2023 7:00	1.5	310	43	2.4	0.0
6/11/2023 7:10	0.7	152	50	1.7	0.0
6/11/2023 7:20	0.8	185	43	2.0	0.0
6/11/2023 7:30	2.1	195	18	3.5	0.0
6/11/2023 7:40	3.2	183	19	4.3	0.0
6/11/2023 7:50	3.4	178	17	4.8	0.0
6/11/2023 8:00	3.0	182	13	4.2	0.0
6/11/2023 8:10	3.0	186	14	4.2	0.0
6/11/2023 8:20	3.6	194	10	4.8	0.0
6/11/2023 8:30	3.5	189	16	4.6	0.0
6/11/2023 8:40	2.5	173	20	3.6	0.0
6/11/2023 8:50	2.1	152	23	3.2	0.0
6/11/2023 9:00	2.4	158	16	3.6	0.0
6/11/2023 9:10	2.1	161	22	3.2	0.0
6/11/2023 9:20	2.3	140	27	3.7	0.0
6/11/2023 9:30	2.0	112	26	3.4	0.0
6/11/2023 9:40	2.2	103	25	3.2	0.0
6/11/2023 9:50	1.6	120	43	2.6	0.0
6/11/2023 10:00	2.2	45	10	2.9	0.0
6/11/2023 10:10	1.7	56	15	2.4	0.0
6/11/2023 10:20	1.8	45	16	2.3	0.0
6/11/2023 10:30	1.8	49	16	2.4	0.0
6/11/2023 10:40	2.0	54	19	2.7	0.0
6/11/2023 10:50	2.0	61	16	2.7	0.0
6/11/2023 11:00	2.4	64	14	3.1	0.0
6/11/2023 11:10	2.9	57	16	4.0	0.0
6/11/2023 11:20	2.7	54	14	3.6	0.0
6/11/2023 11:30	2.7	62	9	3.4	0.0
6/11/2023 11:40	3.0	54	12	3.7	0.0
6/11/2023 11:50	3.5	55	10	4.5	0.0
6/11/2023 12:00	3.6	53	10	4.3	0.0
6/11/2023 12:10	2.7	50	15	3.9	0.0
6/11/2023 12:20	2.9	53	16	4.6	0.0
6/11/2023 12:30	2.5	25	34	4.5	0.0
6/11/2023 12:40	3.4	334	23	4.8	0.0
6/11/2023 12:50	2.7	300	29	4.0	0.0
6/11/2023 13:00	3.4	344	16	4.8	0.0
6/11/2023 13:10	2.9	304	22	4.2	0.0
6/11/2023 13:20	2.7	321	28	4.2	0.0
6/11/2023 13:30	2.8	313	20	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/11/2023 13:40	3.0	332	21	4.6	0.0
6/11/2023 13:50	2.8	303	24	4.4	0.0
6/11/2023 14:00	3.1	301	20	4.5	0.0
6/11/2023 14:10	3.5	322	24	5.2	0.0
6/11/2023 14:20	3.2	315	17	4.8	0.0
6/11/2023 14:30	3.3	306	23	4.8	0.0
6/11/2023 14:40	2.7	290	25	3.8	0.0
6/11/2023 14:50	3.1	314	24	4.8	0.0
6/11/2023 15:00	3.3	269	22	4.9	0.0
6/11/2023 15:10	3.7	272	19	5.2	0.0
6/11/2023 15:20	3.3	268	25	5.1	0.0
6/11/2023 15:30	3.5	269	24	5.6	0.0
6/11/2023 15:40	3.6	263	19	5.7	0.0
6/11/2023 15:50	3.0	264	21	4.5	0.0
6/11/2023 16:00	3.4	280	17	5.2	0.0
6/11/2023 16:10	3.7	282	23	5.9	0.0
6/11/2023 16:20	3.3	280	25	5.2	0.0
6/11/2023 16:30	2.7	263	30	4.4	0.0
6/11/2023 16:40	2.6	308	18	3.7	0.0
6/11/2023 16:50	2.1	341	20	3.0	0.0
6/11/2023 17:00	2.5	263	31	5.0	0.0
6/11/2023 17:10	4.1	287	23	6.0	0.0
6/11/2023 17:20	2.9	237	35	5.1	0.0
6/11/2023 17:30	2.8	229	35	5.2	0.0
6/11/2023 17:40	3.6	206	33	6.3	0.0
6/11/2023 17:50	3.2	218	29	6.2	0.0
6/11/2023 18:00	2.0	224	46	3.7	0.0
6/11/2023 18:10	1.8	223	46	3.5	0.0
6/11/2023 18:20	1.8	223	49	4.1	0.0
6/11/2023 18:30	1.8	242	42	3.1	0.0
6/11/2023 18:40	1.0	230	58	2.3	0.0
6/11/2023 18:50	1.5	254	41	3.2	0.0
6/11/2023 19:00	3.5	207	18	5.6	0.0
6/11/2023 19:10	2.8	197	31	5.3	0.0
6/11/2023 19:20	2.1	244	39	4.0	0.0
6/11/2023 19:30	1.6	209	59	3.6	0.0
6/11/2023 19:40	4.3	209	23	7.5	0.0
6/11/2023 19:50	4.2	209	28	6.5	0.0
6/11/2023 20:00	3.7	210	26	6.5	0.0
6/11/2023 20:10	3.7	207	20	6.0	0.0
6/11/2023 20:20	3.0	207	22	4.4	0.0
6/11/2023 20:30	3.3	201	15	5.2	0.0
6/11/2023 20:40	2.7	204	20	5.0	0.0
6/11/2023 20:50	4.0	201	20	6.2	0.0
6/11/2023 21:00	5.1	198	14	7.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/11/2023 21:10	6.5	196	12	8.8	0.0
6/11/2023 21:20	5.1	195	11	6.9	0.0
6/11/2023 21:30	5.2	191	10	6.8	0.0
6/11/2023 21:40	4.7	199	13	6.6	0.0
6/11/2023 21:50	3.1	203	17	4.6	0.0
6/11/2023 22:00	2.8	196	17	4.0	0.0
6/11/2023 22:10	1.9	193	20	2.9	0.0
6/11/2023 22:20	2.0	211	18	2.7	0.0
6/11/2023 22:30	2.1	216	16	3.0	0.0
6/11/2023 22:40	2.1	196	24	3.6	0.0
6/11/2023 22:50	2.2	159	32	3.5	0.0
6/11/2023 23:00	2.3	203	38	4.6	0.0
6/11/2023 23:10	4.3	202	11	6.1	0.0
6/11/2023 23:20	4.3	209	16	6.0	0.0
6/11/2023 23:30	4.6	208	15	6.9	0.0
6/11/2023 23:40	4.6	209	14	7.2	0.0
6/11/2023 23:50	4.6	211	14	6.5	0.0
7/11/2023 0:00	4.1	210	15	6.2	0.0
7/11/2023 0:10	3.5	210	21	5.5	0.0
7/11/2023 0:20	3.9	212	19	6.8	0.0
7/11/2023 0:30	3.7	212	24	6.2	0.0
7/11/2023 0:40	3.5	214	22	6.0	0.0
7/11/2023 0:50	3.9	210	17	5.7	0.0
7/11/2023 1:00	4.4	203	17	7.0	0.0
7/11/2023 1:10	4.5	205	17	6.7	0.0
7/11/2023 1:20	4.2	209	17	6.4	0.0
7/11/2023 1:30	5.0	208	14	7.6	0.0
7/11/2023 1:40	5.0	206	16	7.1	0.0
7/11/2023 1:50	5.1	205	16	7.5	0.0
7/11/2023 2:00	5.2	202	16	7.5	0.0
7/11/2023 2:10	4.5	200	13	7.0	0.0
7/11/2023 2:20	4.4	204	15	6.4	0.0
7/11/2023 2:30	4.4	203	15	6.2	0.0
7/11/2023 2:40	4.5	202	17	7.2	0.0
7/11/2023 2:50	4.8	200	13	6.8	0.0
7/11/2023 3:00	5.2	202	13	7.0	0.0
7/11/2023 3:10	5.7	200	13	8.3	0.0
7/11/2023 3:20	5.2	201	13	7.2	0.0
7/11/2023 3:30	5.7	199	11	7.9	0.0
7/11/2023 3:40	6.1	198	15	9.3	0.0
7/11/2023 3:50	5.1	200	15	7.5	0.0
7/11/2023 4:00	5.4	199	15	7.9	0.0
7/11/2023 4:10	5.0	202	18	7.3	0.0
7/11/2023 4:20	3.7	209	18	6.0	0.0
7/11/2023 4:30	4.3	205	19	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/11/2023 4:40	4.7	202	16	7.6	0.0
7/11/2023 4:50	6.1	196	16	8.9	0.0
7/11/2023 5:00	5.9	196	14	8.7	0.0
7/11/2023 5:10	5.8	201	14	9.1	0.0
7/11/2023 5:20	5.8	202	14	9.1	0.0
7/11/2023 5:30	5.6	204	16	8.4	0.0
7/11/2023 5:40	4.9	209	17	7.8	0.0
7/11/2023 5:50	3.9	212	20	6.3	0.0
7/11/2023 6:00	4.1	205	22	6.0	0.0
7/11/2023 6:10	5.2	202	14	7.2	0.0
7/11/2023 6:20	4.2	207	17	6.2	0.0
7/11/2023 6:30	4.7	204	16	7.2	0.0
7/11/2023 6:40	4.6	205	19	7.2	0.0
7/11/2023 6:50	3.9	207	19	6.1	0.0
7/11/2023 7:00	5.0	199	19	7.5	0.0
7/11/2023 7:10	6.7	197	13	9.1	0.0
7/11/2023 7:20	6.7	202	14	10.6	0.0
7/11/2023 7:30	6.0	201	16	10.0	0.0
7/11/2023 7:40	4.9	211	20	8.4	0.0
7/11/2023 7:50	4.5	205	16	8.0	0.0
7/11/2023 8:00	6.6	200	15	10.6	0.0
7/11/2023 8:10	8.6	197	14	11.9	0.0
7/11/2023 8:20	7.5	196	15	11.5	0.0
7/11/2023 8:30	7.9	195	14	11.5	0.0
7/11/2023 8:40	6.9	196	13	9.9	0.0
7/11/2023 8:50	9.9	194	13	13.5	0.0
7/11/2023 9:00	9.4	197	14	13.4	0.0
7/11/2023 9:10	8.2	195	15	12.6	0.0
7/11/2023 9:20	8.9	198	14	13.0	0.0
7/11/2023 9:30	9.2	197	13	13.3	0.0
7/11/2023 9:40	7.8	194	14	11.4	0.0
7/11/2023 9:50	6.7	193	13	10.0	0.0
7/11/2023 10:00	7.6	192	14	11.3	0.0
7/11/2023 10:10	9.8	199	13	13.4	0.0
7/11/2023 10:20	7.7	195	17	12.6	0.0
7/11/2023 10:30	9.2	197	13	13.1	0.0
7/11/2023 10:40	8.8	196	11	12.4	0.0
7/11/2023 10:50	6.4	194	14	9.8	0.0
7/11/2023 11:00	5.9	199	15	8.4	0.0
7/11/2023 11:10	5.9	199	15	9.6	0.0
7/11/2023 11:20	5.6	200	15	9.1	0.0
7/11/2023 11:30	4.6	206	22	6.8	0.0
7/11/2023 11:40	6.2	200	18	9.8	0.0
7/11/2023 11:50	5.6	203	18	9.1	0.0
7/11/2023 12:00	4.6	204	21	7.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/11/2023 12:10	5.5	201	17	8.5	0.0
7/11/2023 12:20	6.5	197	15	10.1	0.0
7/11/2023 12:30	6.6	191	14	9.4	0.0
7/11/2023 12:40	7.3	194	17	10.9	0.0
7/11/2023 12:50	7.2	200	14	11.6	0.0
7/11/2023 13:00	6.9	197	15	10.0	0.0
7/11/2023 13:10	7.9	205	24	13.6	0.0
7/11/2023 13:20	5.0	207	43	9.3	0.0
7/11/2023 13:30	3.6	224	41	6.8	0.0
7/11/2023 13:40	3.1	208	46	5.7	0.0
7/11/2023 13:50	4.5	209	31	7.7	0.0
7/11/2023 14:00	5.0	205	31	8.7	0.0
7/11/2023 14:10	5.7	204	22	9.3	0.0
7/11/2023 14:20	5.4	203	22	8.1	0.0
7/11/2023 14:30	4.9	209	31	8.3	0.0
7/11/2023 14:40	3.9	221	39	7.6	0.0
7/11/2023 14:50	3.3	227	58	7.0	0.0
7/11/2023 15:00	4.0	235	50	7.3	0.0
7/11/2023 15:10	4.9	207	24	9.2	0.0
7/11/2023 15:20	3.4	259	44	7.2	0.0
7/11/2023 15:30	3.4	271	27	5.5	0.0
7/11/2023 15:40	2.3	276	37	4.4	0.0
7/11/2023 15:50	2.0	284	43	3.9	0.0
7/11/2023 16:00	1.7	266	39	3.6	0.0
7/11/2023 16:10	1.6	249	50	3.7	0.0
7/11/2023 16:20	2.0	249	47	4.0	0.0
7/11/2023 16:30	1.9	208	33	3.3	0.0
7/11/2023 16:40	3.0	204	16	4.1	0.0
7/11/2023 16:50	2.4	200	20	3.5	0.0
7/11/2023 17:00	2.5	198	25	5.2	0.0
7/11/2023 17:10	4.9	198	11	6.4	0.0
7/11/2023 17:20	5.1	200	11	6.8	0.0
7/11/2023 17:30	4.6	201	10	6.0	0.0
7/11/2023 17:40	4.7	199	10	6.4	0.0
7/11/2023 17:50	4.5	194	12	6.2	0.0
7/11/2023 18:00	3.5	192	14	5.0	0.0
7/11/2023 18:10	3.5	192	15	5.3	0.0
7/11/2023 18:20	4.0	199	15	5.5	0.0
7/11/2023 18:30	2.6	214	28	4.9	0.0
7/11/2023 18:40	2.3	199	30	4.0	0.0
7/11/2023 18:50	1.2	236	56	2.7	0.0
7/11/2023 19:00	1.0	281	34	2.4	0.0
7/11/2023 19:10	1.3	264	42	2.2	0.0
7/11/2023 19:20	1.5	284	25	2.7	0.0
7/11/2023 19:30	1.6	286	15	2.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/11/2023 19:40	1.4	283	22	2.2	0.0
7/11/2023 19:50	1.4	300	17	1.8	0.0
7/11/2023 20:00	1.7	304	15	2.4	0.0
7/11/2023 20:10	1.5	291	16	2.0	0.0
7/11/2023 20:20	1.4	268	40	2.7	0.0
7/11/2023 20:30	1.5	263	44	2.9	0.0
7/11/2023 20:40	1.5	237	59	2.9	0.0
7/11/2023 20:50	1.5	257	53	2.8	0.0
7/11/2023 21:00	1.4	223	63	2.8	0.0
7/11/2023 21:10	1.6	238	51	3.0	0.0
7/11/2023 21:20	1.9	261	38	3.5	0.0
7/11/2023 21:30	1.7	248	50	3.3	0.0
7/11/2023 21:40	2.5	261	39	5.4	0.0
7/11/2023 21:50	2.5	222	49	4.7	0.0
7/11/2023 22:00	4.2	202	23	7.1	0.0
7/11/2023 22:10	3.1	209	37	5.0	0.0
7/11/2023 22:20	2.3	209	55	4.6	0.0
7/11/2023 22:30	2.0	212	53	4.4	0.0
7/11/2023 22:40	1.8	230	67	4.7	0.0
7/11/2023 22:50	2.3	242	53	4.4	0.0
7/11/2023 23:00	2.2	248	61	5.0	0.0
7/11/2023 23:10	2.0	246	51	3.5	0.0
7/11/2023 23:20	2.2	268	33	4.4	0.0
7/11/2023 23:30	2.4	242	48	5.0	0.0
7/11/2023 23:40	2.1	255	38	4.4	0.0
7/11/2023 23:50	2.6	239	52	5.6	0.0
8/11/2023 0:00	3.3	212	38	5.8	0.0
8/11/2023 0:10	3.2	201	39	6.1	0.0
8/11/2023 0:20	2.9	203	43	5.3	0.0
8/11/2023 0:30	3.1	197	33	5.4	0.0
8/11/2023 0:40	2.5	195	39	4.4	0.0
8/11/2023 0:50	2.6	203	30	4.8	0.0
8/11/2023 1:00	2.7	203	32	5.6	0.0
8/11/2023 1:10	3.5	207	26	6.8	0.0
8/11/2023 1:20	4.0	204	26	7.5	0.0
8/11/2023 1:30	4.0	212	23	6.1	0.0
8/11/2023 1:40	3.7	203	25	6.1	0.0
8/11/2023 1:50	4.1	201	22	7.8	0.0
8/11/2023 2:00	3.8	201	28	6.7	0.0
8/11/2023 2:10	4.1	203	24	6.4	0.0
8/11/2023 2:20	4.0	203	24	6.5	0.0
8/11/2023 2:30	4.7	207	21	7.2	0.0
8/11/2023 2:40	4.4	205	19	6.4	0.0
8/11/2023 2:50	4.4	199	15	6.5	0.0
8/11/2023 3:00	4.2	203	16	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/11/2023 3:10	4.1	207	19	6.0	0.0
8/11/2023 3:20	4.3	204	20	6.1	0.0
8/11/2023 3:30	4.5	199	16	7.1	0.0
8/11/2023 3:40	4.1	208	22	6.8	0.0
8/11/2023 3:50	2.7	229	34	5.3	0.0
8/11/2023 4:00	2.5	226	36	4.9	0.0
8/11/2023 4:10	2.8	218	33	5.2	0.0
8/11/2023 4:20	2.5	223	31	4.2	0.0
8/11/2023 4:30	2.7	237	28	4.3	0.0
8/11/2023 4:40	2.9	236	25	5.2	0.0
8/11/2023 4:50	2.7	218	26	4.8	0.0
8/11/2023 5:00	3.6	208	21	6.8	0.0
8/11/2023 5:10	4.1	210	19	6.3	0.0
8/11/2023 5:20	3.7	210	24	6.4	0.0
8/11/2023 5:30	3.6	209	20	5.8	0.0
8/11/2023 5:40	4.4	210	18	6.3	0.0
8/11/2023 5:50	4.4	206	15	5.8	0.0
8/11/2023 6:00	4.1	207	17	6.3	0.0
8/11/2023 6:10	4.4	208	17	6.5	0.0
8/11/2023 6:20	4.4	206	17	6.0	0.0
8/11/2023 6:30	4.8	204	16	6.8	0.0
8/11/2023 6:40	4.8	202	13	6.5	0.0
8/11/2023 6:50	4.6	202	14	6.4	0.0
8/11/2023 7:00	4.1	204	14	5.9	0.0
8/11/2023 7:10	4.0	202	16	5.4	0.0
8/11/2023 7:20	4.1	192	11	6.0	0.0
8/11/2023 7:30	3.1	200	19	4.5	0.0
8/11/2023 7:40	2.7	151	33	4.8	0.0
8/11/2023 7:50	2.7	155	24	4.2	0.0
8/11/2023 8:00	1.3	119	46	2.7	0.0
8/11/2023 8:10	0.9	97	24	2.2	0.0
8/11/2023 8:20	1.3	138	57	2.2	0.0
8/11/2023 8:30	2.0	73	23	3.1	0.0
8/11/2023 8:40	2.1	75	21	2.9	0.0
8/11/2023 8:50	1.8	60	22	2.8	0.0
8/11/2023 9:00	1.3	73	44	2.0	0.0
8/11/2023 9:10	1.7	59	25	2.5	0.0
8/11/2023 9:20	2.6	53	10	3.4	0.0
8/11/2023 9:30	2.0	51	16	3.0	0.0
8/11/2023 9:40	2.0	56	11	2.5	0.0
8/11/2023 9:50	2.4	59	12	3.0	0.0
8/11/2023 10:00	2.1	49	20	2.9	0.0
8/11/2023 10:10	2.1	53	15	2.8	0.0
8/11/2023 10:20	2.5	61	10	3.5	0.0
8/11/2023 10:30	2.4	59	15	3.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/11/2023 10:40	2.1	62	15	2.8	0.0
8/11/2023 10:50	2.0	66	15	2.9	0.0
8/11/2023 11:00	2.3	60	14	2.9	0.0
8/11/2023 11:10	2.5	63	11	3.2	0.0
8/11/2023 11:20	2.6	66	13	3.1	0.0
8/11/2023 11:30	2.3	58	18	2.9	0.0
8/11/2023 11:40	2.7	64	11	3.3	0.0
8/11/2023 11:50	2.9	58	15	3.9	0.0
8/11/2023 12:00	2.9	49	18	3.8	0.0
8/11/2023 12:10	3.1	62	12	4.1	0.0
8/11/2023 12:20	3.7	52	11	5.1	0.0
8/11/2023 12:30	3.6	53	15	5.1	0.0
8/11/2023 12:40	3.2	54	15	4.6	0.0
8/11/2023 12:50	3.8	55	12	5.2	0.0
8/11/2023 13:00	3.8	46	23	5.1	0.0
8/11/2023 13:10	2.9	298	30	6.2	0.0
8/11/2023 13:20	2.8	291	27	4.7	0.0
8/11/2023 13:30	3.2	291	26	4.9	0.0
8/11/2023 13:40	3.8	325	22	5.9	0.0
8/11/2023 13:50	3.5	321	22	5.5	0.0
8/11/2023 14:00	3.2	292	22	4.6	0.0
8/11/2023 14:10	3.6	295	20	5.5	0.0
8/11/2023 14:20	3.5	303	22	5.7	0.0
8/11/2023 14:30	3.9	314	23	5.7	0.0
8/11/2023 14:40	3.6	281	24	5.6	0.0
8/11/2023 14:50	3.7	289	29	5.9	0.0
8/11/2023 15:00	3.4	280	25	5.4	0.0
8/11/2023 15:10	3.5	268	24	5.5	0.0
8/11/2023 15:20	3.4	286	25	5.5	0.0
8/11/2023 15:30	3.1	273	28	4.8	0.0
8/11/2023 15:40	3.7	280	21	5.2	0.0
8/11/2023 15:50	3.3	279	24	5.2	0.0
8/11/2023 16:00	3.8	286	19	5.6	0.0
8/11/2023 16:10	3.8	283	20	6.0	0.0
8/11/2023 16:20	4.2	293	24	6.0	0.0
8/11/2023 16:30	4.3	297	23	6.6	0.0
8/11/2023 16:40	4.3	305	20	6.8	0.0
8/11/2023 16:50	4.3	295	23	6.7	0.0
8/11/2023 17:00	4.7	302	16	7.5	0.0
8/11/2023 17:10	3.9	299	22	6.5	0.0
8/11/2023 17:20	3.8	292	21	6.2	0.0
8/11/2023 17:30	4.2	299	20	6.9	0.0
8/11/2023 17:40	4.3	294	23	7.2	0.0
8/11/2023 17:50	3.9	285	24	5.9	0.0
8/11/2023 18:00	3.7	291	28	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/11/2023 18:10	3.6	287	24	5.7	0.0
8/11/2023 18:20	3.4	283	21	5.6	0.0
8/11/2023 18:30	3.3	288	26	5.3	0.0
8/11/2023 18:40	3.2	284	24	5.2	0.0
8/11/2023 18:50	3.1	274	19	5.1	0.0
8/11/2023 19:00	3.9	272	20	5.9	0.0
8/11/2023 19:10	3.6	282	19	6.6	0.0
8/11/2023 19:20	3.5	275	21	5.2	0.0
8/11/2023 19:30	3.7	277	17	5.8	0.0
8/11/2023 19:40	3.1	273	23	5.2	0.0
8/11/2023 19:50	3.4	278	19	5.5	0.0
8/11/2023 20:00	3.3	267	22	5.0	0.0
8/11/2023 20:10	3.6	271	18	6.0	0.0
8/11/2023 20:20	3.5	270	29	6.0	0.0
8/11/2023 20:30	2.6	266	40	4.7	0.0
8/11/2023 20:40	3.3	275	31	5.6	0.0
8/11/2023 20:50	3.3	275	31	5.1	0.0
8/11/2023 21:00	2.8	264	38	5.4	0.0
8/11/2023 21:10	2.4	263	46	5.2	0.0
8/11/2023 21:20	2.4	266	42	4.8	0.0
8/11/2023 21:30	2.3	275	44	4.1	0.0
8/11/2023 21:40	2.6	267	43	5.5	0.0
8/11/2023 21:50	2.4	274	34	4.1	0.0
8/11/2023 22:00	2.5	257	43	5.0	0.0
8/11/2023 22:10	2.8	263	35	5.0	0.0
8/11/2023 22:20	2.9	255	28	5.0	0.0
8/11/2023 22:30	2.7	269	26	4.8	0.0
8/11/2023 22:40	2.2	264	48	4.0	0.0
8/11/2023 22:50	2.8	256	32	5.6	0.0
8/11/2023 23:00	3.1	259	26	5.7	0.0
8/11/2023 23:10	2.1	264	46	4.4	0.0
8/11/2023 23:20	2.8	268	31	4.8	0.0
8/11/2023 23:30	2.4	272	33	4.4	0.0
8/11/2023 23:40	2.3	266	38	4.0	0.0
8/11/2023 23:50	2.4	268	35	4.6	0.0
9/11/2023 0:00	2.2	263	49	4.1	0.0
9/11/2023 0:10	2.0	273	41	3.6	0.0
9/11/2023 0:20	1.7	256	56	3.6	0.0
9/11/2023 0:30	1.8	272	38	4.5	0.0
9/11/2023 0:40	1.7	249	57	3.7	0.0
9/11/2023 0:50	1.5	223	70	3.2	0.0
9/11/2023 1:00	1.9	231	63	3.6	0.0
9/11/2023 1:10	1.6	195	68	3.2	0.0
9/11/2023 1:20	1.6	207	69	3.9	0.0
9/11/2023 1:30	1.5	261	78	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/11/2023 1:40	1.5	229	81	2.8	0.0
9/11/2023 1:50	1.2	268	69	3.2	0.0
9/11/2023 2:00	1.9	228	52	3.2	0.0
9/11/2023 2:10	1.9	254	60	3.8	0.0
9/11/2023 2:20	1.6	239	67	3.2	0.0
9/11/2023 2:30	1.5	198	73	3.6	0.0
9/11/2023 2:40	1.6	208	57	2.8	0.0
9/11/2023 2:50	1.7	219	63	3.5	0.0
9/11/2023 3:00	2.0	200	48	4.2	0.0
9/11/2023 3:10	2.3	203	44	4.0	0.0
9/11/2023 3:20	2.1	200	36	4.0	0.0
9/11/2023 3:30	2.1	197	36	4.1	0.0
9/11/2023 3:40	2.2	200	45	4.8	0.0
9/11/2023 3:50	2.2	194	38	4.0	0.0
9/11/2023 4:00	2.1	198	42	4.3	0.0
9/11/2023 4:10	2.3	207	45	4.9	0.0
9/11/2023 4:20	2.7	205	40	4.9	0.0
9/11/2023 4:30	3.5	210	24	5.8	0.0
9/11/2023 4:40	3.3	208	28	5.5	0.0
9/11/2023 4:50	3.1	212	30	5.9	0.0
9/11/2023 5:00	3.5	216	25	5.6	0.0
9/11/2023 5:10	3.6	215	27	6.5	0.0
9/11/2023 5:20	3.6	221	30	6.4	0.0
9/11/2023 5:30	3.9	213	26	7.2	0.0
9/11/2023 5:40	3.4	208	29	5.9	0.0
9/11/2023 5:50	2.7	208	35	4.8	0.0
9/11/2023 6:00	3.4	205	28	5.5	0.0
9/11/2023 6:10	3.4	218	27	6.0	0.0
9/11/2023 6:20	3.4	219	28	5.6	0.0
9/11/2023 6:30	3.3	221	26	5.6	0.0
9/11/2023 6:40	3.2	221	26	5.6	0.0
9/11/2023 6:50	3.3	232	26	5.3	0.0
9/11/2023 7:00	3.1	241	27	5.2	0.0
9/11/2023 7:10	2.8	241	29	4.6	0.0
9/11/2023 7:20	3.1	238	22	5.2	0.0
9/11/2023 7:30	3.1	233	27	4.9	0.0
9/11/2023 7:40	3.4	236	25	5.1	0.0
9/11/2023 7:50	2.7	235	28	4.6	0.0
9/11/2023 8:00	2.5	243	27	4.4	0.0
9/11/2023 8:10	1.7	234	45	3.2	0.0
9/11/2023 8:20	2.2	261	31	3.6	0.0
9/11/2023 8:30	2.2	265	25	3.2	0.0
9/11/2023 8:40	1.9	270	41	3.2	0.0
9/11/2023 8:50	2.3	290	19	3.6	0.0
9/11/2023 9:00	2.1	274	26	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/11/2023 9:10	1.9	270	31	3.0	0.0
9/11/2023 9:20	2.6	288	23	3.7	0.0
9/11/2023 9:30	2.9	289	23	4.4	0.0
9/11/2023 9:40	3.0	282	21	4.6	0.0
9/11/2023 9:50	3.1	280	27	4.5	0.0
9/11/2023 10:00	3.3	279	22	5.6	0.0
9/11/2023 10:10	3.2	269	21	4.8	0.0
9/11/2023 10:20	3.6	269	16	5.6	0.0
9/11/2023 10:30	3.4	271	23	5.5	0.0
9/11/2023 10:40	3.4	276	19	5.4	0.0
9/11/2023 10:50	3.8	278	19	5.3	0.0
9/11/2023 11:00	3.5	268	20	5.5	0.0
9/11/2023 11:10	3.8	274	19	5.6	0.0
9/11/2023 11:20	4.0	272	18	5.9	0.0
9/11/2023 11:30	4.0	283	24	6.0	0.0
9/11/2023 11:40	4.2	271	18	6.7	0.0
9/11/2023 11:50	4.1	276	18	6.0	0.0
9/11/2023 12:00	4.1	284	20	6.0	0.0
9/11/2023 12:10	4.0	297	24	5.6	0.0
9/11/2023 12:20	4.6	296	22	6.4	0.0
9/11/2023 12:30	4.4	281	22	6.4	0.0
9/11/2023 12:40	4.6	272	19	6.9	0.0
9/11/2023 12:50	4.5	280	22	7.4	0.0
9/11/2023 13:00	5.0	281	23	7.4	0.0
9/11/2023 13:10	4.1	276	26	7.0	0.0
9/11/2023 13:20	4.5	270	19	6.9	0.0
9/11/2023 13:30	4.5	274	23	6.4	0.0
9/11/2023 13:40	4.4	274	24	6.8	0.0
9/11/2023 13:50	4.4	271	20	7.2	0.0
9/11/2023 14:00	4.8	270	18	7.4	0.0
9/11/2023 14:10	4.3	272	21	6.8	0.0
9/11/2023 14:20	5.0	285	21	7.7	0.0
9/11/2023 14:30	4.9	283	23	7.3	0.0
9/11/2023 14:40	5.2	280	26	8.4	0.0
9/11/2023 14:50	5.1	281	20	8.0	0.0
9/11/2023 15:00	4.5	282	26	6.7	0.0
9/11/2023 15:10	4.8	282	20	7.1	0.0
9/11/2023 15:20	4.8	277	23	7.5	0.0
9/11/2023 15:30	4.6	280	25	7.5	0.0
9/11/2023 15:40	4.9	284	19	7.2	0.0
9/11/2023 15:50	4.4	281	20	7.0	0.0
9/11/2023 16:00	4.7	279	21	7.7	0.0
9/11/2023 16:10	4.3	279	23	6.8	0.0
9/11/2023 16:20	4.4	285	23	7.3	0.0
9/11/2023 16:30	5.5	303	19	7.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/11/2023 16:40	4.6	290	24	6.6	0.0
9/11/2023 16:50	4.1	284	25	6.7	0.0
9/11/2023 17:00	3.8	277	22	5.9	0.0
9/11/2023 17:10	4.1	276	20	6.4	0.0
9/11/2023 17:20	4.4	275	31	7.8	0.0
9/11/2023 17:30	3.8	272	23	6.8	0.0
9/11/2023 17:40	4.3	271	23	7.4	0.0
9/11/2023 17:50	4.4	274	29	7.0	0.0
9/11/2023 18:00	3.8	268	27	6.9	0.0
9/11/2023 18:10	3.4	268	41	7.1	0.0
9/11/2023 18:20	2.6	257	49	5.1	0.0
9/11/2023 18:30	3.4	255	39	6.4	0.0
9/11/2023 18:40	2.8	264	42	6.0	0.0
9/11/2023 18:50	3.5	273	30	5.8	0.0
9/11/2023 19:00	3.3	257	33	6.4	0.0
9/11/2023 19:10	2.9	259	33	5.0	0.0
9/11/2023 19:20	2.7	256	43	5.0	0.0
9/11/2023 19:30	2.3	269	52	5.0	0.0
9/11/2023 19:40	2.5	270	41	5.2	0.0
9/11/2023 19:50	2.3	264	53	4.9	0.0
9/11/2023 20:00	2.0	266	54	4.6	0.0
9/11/2023 20:10	2.8	258	33	4.9	0.0
9/11/2023 20:20	3.2	262	29	5.1	0.0
9/11/2023 20:30	3.2	262	26	5.6	0.0
9/11/2023 20:40	2.9	262	34	5.0	0.0
9/11/2023 20:50	2.5	273	29	4.4	0.0
9/11/2023 21:00	1.9	274	52	4.7	0.0
9/11/2023 21:10	2.2	266	33	4.3	0.0
9/11/2023 21:20	2.3	273	42	4.6	0.0
9/11/2023 21:30	2.2	268	31	4.3	0.0
9/11/2023 21:40	2.1	273	54	4.4	0.0
9/11/2023 21:50	2.3	275	29	4.4	0.0
9/11/2023 22:00	2.1	272	39	3.8	0.0
9/11/2023 22:10	2.1	279	24	3.7	0.0
9/11/2023 22:20	1.7	249	62	3.4	0.0
9/11/2023 22:30	1.8	270	44	2.9	0.0
9/11/2023 22:40	1.5	284	48	2.8	0.0
9/11/2023 22:50	1.7	284	44	3.8	0.0
9/11/2023 23:00	1.4	260	70	3.1	0.0
9/11/2023 23:10	1.5	277	44	3.3	0.0
9/11/2023 23:20	1.0	151	72	2.0	0.0
9/11/2023 23:30	0.9	268	77	1.5	0.0
9/11/2023 23:40	0.9	328	59	2.1	0.0
9/11/2023 23:50	0.8	126	85	1.6	0.0
10/11/2023 0:00	0.8	323	70	1.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 0:10	1.2	146	84	2.4	0.0
10/11/2023 0:20	1.2	264	68	2.4	0.0
10/11/2023 0:30	0.8	102	77	2.0	0.0
10/11/2023 0:40	0.9	287	71	1.9	0.0
10/11/2023 0:50	1.0	190	69	2.0	0.0
10/11/2023 1:00	0.8	97	54	1.6	0.0
10/11/2023 1:10	0.7	177	71	1.9	0.0
10/11/2023 1:20	0.9	182	55	1.6	0.0
10/11/2023 1:30	0.8	319	61	1.8	0.0
10/11/2023 1:40	1.0	296	42	2.0	0.0
10/11/2023 1:50	1.0	184	45	1.8	0.0
10/11/2023 2:00	1.3	274	47	2.6	0.0
10/11/2023 2:10	1.0	294	33	1.7	0.0
10/11/2023 2:20	1.6	262	23	3.0	0.0
10/11/2023 2:30	1.9	258	24	3.0	0.0
10/11/2023 2:40	1.5	268	24	2.3	0.0
10/11/2023 2:50	0.9	290	29	1.4	0.0
10/11/2023 3:00	0.6	160	37	1.3	0.0
10/11/2023 3:10	1.0	288	28	1.9	0.0
10/11/2023 3:20	1.1	319	22	1.9	0.0
10/11/2023 3:30	2.0	305	7	2.4	0.0
10/11/2023 3:40	2.5	295	8	3.2	0.0
10/11/2023 3:50	2.5	290	8	3.2	0.0
10/11/2023 4:00	2.7	285	9	3.3	0.0
10/11/2023 4:10	2.3	281	9	3.0	0.0
10/11/2023 4:20	1.5	267	15	2.1	0.0
10/11/2023 4:30	2.2	268	9	3.1	0.0
10/11/2023 4:40	2.8	262	8	3.6	0.0
10/11/2023 4:50	2.3	249	20	3.8	0.0
10/11/2023 5:00	2.0	221	32	3.1	0.0
10/11/2023 5:10	1.6	246	26	2.4	0.0
10/11/2023 5:20	1.5	288	17	2.4	0.0
10/11/2023 5:30	1.8	294	17	2.3	0.0
10/11/2023 5:40	2.3	220	30	4.0	0.0
10/11/2023 5:50	3.0	220	22	5.2	0.0
10/11/2023 6:00	3.6	211	19	5.5	0.0
10/11/2023 6:10	3.5	209	17	5.2	0.0
10/11/2023 6:20	2.9	215	24	4.8	0.0
10/11/2023 6:30	3.0	230	27	4.6	0.0
10/11/2023 6:40	2.7	226	26	4.1	0.0
10/11/2023 6:50	2.1	235	27	3.6	0.0
10/11/2023 7:00	2.4	220	24	4.2	0.0
10/11/2023 7:10	2.6	223	23	4.1	0.0
10/11/2023 7:20	2.9	236	23	4.4	0.0
10/11/2023 7:30	2.5	246	24	4.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 7:40	2.1	245	36	4.4	0.0
10/11/2023 7:50	1.7	234	36	2.8	0.0
10/11/2023 8:00	2.7	258	22	4.3	0.0
10/11/2023 8:10	2.6	258	25	4.4	0.0
10/11/2023 8:20	1.8	246	39	3.2	0.0
10/11/2023 8:30	2.1	242	32	3.7	0.0
10/11/2023 8:40	2.4	212	30	4.2	0.0
10/11/2023 8:50	2.4	203	26	4.0	0.0
10/11/2023 9:00	2.5	261	35	3.8	0.0
10/11/2023 9:10	3.1	266	24	4.8	0.0
10/11/2023 9:20	2.8	265	25	4.6	0.0
10/11/2023 9:30	2.9	273	21	4.7	0.0
10/11/2023 9:40	3.3	289	22	5.5	0.0
10/11/2023 9:50	3.7	297	21	6.0	0.0
10/11/2023 10:00	3.5	287	25	5.6	0.0
10/11/2023 10:10	4.0	278	20	6.2	0.0
10/11/2023 10:20	4.2	270	18	6.1	0.0
10/11/2023 10:30	4.4	278	21	6.8	0.0
10/11/2023 10:40	4.8	278	20	7.0	0.0
10/11/2023 10:50	4.7	281	18	6.5	0.0
10/11/2023 11:00	4.5	282	19	6.9	0.0
10/11/2023 11:10	4.4	279	20	7.5	0.0
10/11/2023 11:20	4.3	288	22	7.3	0.0
10/11/2023 11:30	5.1	278	21	8.3	0.0
10/11/2023 11:40	5.0	286	20	7.5	0.0
10/11/2023 11:50	4.8	275	20	7.0	0.0
10/11/2023 12:00	4.8	271	20	6.8	0.0
10/11/2023 12:10	4.6	281	21	7.2	0.0
10/11/2023 12:20	4.8	277	18	7.2	0.0
10/11/2023 12:30	4.4	285	25	6.8	0.0
10/11/2023 12:40	5.2	274	18	7.7	0.0
10/11/2023 12:50	5.4	273	22	8.7	0.0
10/11/2023 13:00	4.8	270	22	7.3	0.0
10/11/2023 13:10	5.5	266	21	8.6	0.0
10/11/2023 13:20	5.2	274	20	7.5	0.0
10/11/2023 13:30	4.7	279	20	7.2	0.0
10/11/2023 13:40	5.0	279	18	7.7	0.0
10/11/2023 13:50	5.1	281	22	7.6	0.0
10/11/2023 14:00	5.7	284	20	8.7	0.0
10/11/2023 14:10	5.4	282	20	7.8	0.0
10/11/2023 14:20	4.3	289	21	7.2	0.0
10/11/2023 14:30	4.5	275	24	7.4	0.0
10/11/2023 14:40	3.8	276	29	6.2	0.0
10/11/2023 14:50	4.5	271	28	8.0	0.0
10/11/2023 15:00	5.0	276	24	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 15:10	4.7	257	31	7.9	0.0
10/11/2023 15:20	4.1	262	37	7.7	0.0
10/11/2023 15:30	4.8	269	25	7.9	0.0
10/11/2023 15:40	4.7	263	27	7.7	0.0
10/11/2023 15:50	5.2	274	23	8.2	0.0
10/11/2023 16:00	4.0	263	38	6.4	0.0
10/11/2023 16:10	4.4	268	32	7.4	0.0
10/11/2023 16:20	4.8	272	32	8.0	0.0
10/11/2023 16:30	4.6	267	35	8.1	0.0
10/11/2023 16:40	4.0	270	37	7.8	0.0
10/11/2023 16:50	3.9	263	44	7.0	0.0
10/11/2023 17:00	3.5	271	40	7.0	0.0
10/11/2023 17:10	3.6	258	36	6.7	0.0
10/11/2023 17:20	3.4	258	42	6.0	0.0
10/11/2023 17:30	3.6	258	42	6.4	0.0
10/11/2023 17:40	3.6	259	45	6.2	0.0
10/11/2023 17:50	3.7	265	38	6.8	0.0
10/11/2023 18:00	3.5	268	33	6.8	0.0
10/11/2023 18:10	3.2	266	43	6.0	0.0
10/11/2023 18:20	3.7	271	30	6.5	0.0
10/11/2023 18:30	3.3	270	42	6.7	0.0
10/11/2023 18:40	3.1	255	39	5.8	0.0
10/11/2023 18:50	3.5	254	34	5.9	0.0
10/11/2023 19:00	3.2	264	30	6.0	0.0
10/11/2023 19:10	3.0	256	35	5.8	0.0
10/11/2023 19:20	2.9	255	44	5.2	0.0
10/11/2023 19:30	2.9	246	49	6.6	0.0
10/11/2023 19:40	2.6	242	51	6.0	0.0
10/11/2023 19:50	2.9	249	42	5.1	0.0
10/11/2023 20:00	3.3	249	38	6.4	0.0
10/11/2023 20:10	3.5	255	34	5.4	0.0
10/11/2023 20:20	3.0	253	37	6.1	0.0
10/11/2023 20:30	2.9	246	35	6.0	0.0
10/11/2023 20:40	2.7	253	48	5.3	0.0
10/11/2023 20:50	3.0	258	46	5.3	0.0
10/11/2023 21:00	2.5	264	51	5.6	0.0
10/11/2023 21:10	2.1	262	60	4.4	0.0
10/11/2023 21:20	2.7	262	49	5.3	0.0
10/11/2023 21:30	2.5	253	58	5.6	0.0
10/11/2023 21:40	3.2	255	48	6.8	0.0
10/11/2023 21:50	2.7	255	56	6.3	0.0
10/11/2023 22:00	2.9	258	47	5.6	0.0
10/11/2023 22:10	2.8	269	50	5.8	0.0
10/11/2023 22:20	2.9	256	51	6.0	0.0
10/11/2023 22:30	2.7	245	48	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/11/2023 22:40	2.5	226	63	5.3	0.0
10/11/2023 22:50	2.3	241	64	5.3	0.0
10/11/2023 23:00	2.0	200	61	5.0	0.0
10/11/2023 23:10	1.9	229	57	4.8	0.0
10/11/2023 23:20	2.0	259	44	3.6	0.0
10/11/2023 23:30	2.4	266	42	4.7	0.0
10/11/2023 23:40	2.6	264	39	4.7	0.0
10/11/2023 23:50	2.0	272	67	4.8	0.0
11/11/2023 0:00	2.0	271	54	5.0	0.0
11/11/2023 0:10	2.2	250	72	4.1	0.0
11/11/2023 0:20	2.6	238	51	4.8	0.0
11/11/2023 0:30	2.1	246	52	4.1	0.0
11/11/2023 0:40	2.2	279	37	4.6	0.0
11/11/2023 0:50	2.1	279	39	3.8	0.0
11/11/2023 1:00	1.6	195	36	3.1	0.0
11/11/2023 1:10	1.7	247	53	3.6	0.0
11/11/2023 1:20	2.0	210	36	3.7	0.0
11/11/2023 1:30	1.5	256	65	3.0	0.0
11/11/2023 1:40	1.6	208	59	3.6	0.0
11/11/2023 1:50	1.7	251	60	3.6	0.0
11/11/2023 2:00	1.5	248	77	2.9	0.0
11/11/2023 2:10	1.7	252	52	3.1	0.0
11/11/2023 2:20	1.7	283	34	2.8	0.0
11/11/2023 2:30	2.1	274	27	3.6	0.0
11/11/2023 2:40	2.3	268	34	4.4	0.0
11/11/2023 2:50	2.4	278	23	4.6	0.0
11/11/2023 3:00	2.6	272	28	4.5	0.0
11/11/2023 3:10	2.1	248	35	3.5	0.0
11/11/2023 3:20	2.4	260	26	4.0	0.0
11/11/2023 3:30	2.1	261	33	3.4	0.0
11/11/2023 3:40	2.4	269	23	4.0	0.0
11/11/2023 3:50	2.1	264	32	3.6	0.0
11/11/2023 4:00	2.2	283	14	3.1	0.0
11/11/2023 4:10	1.7	280	21	2.7	0.0
11/11/2023 4:20	1.5	253	51	2.8	0.0
11/11/2023 4:30	1.5	214	41	3.2	0.0
11/11/2023 4:40	2.0	249	51	3.9	0.0
11/11/2023 4:50	2.2	264	31	4.0	0.0
11/11/2023 5:00	2.0	253	32	3.9	0.0
11/11/2023 5:10	2.0	268	33	3.8	0.0
11/11/2023 5:20	2.3	268	24	3.5	0.0
11/11/2023 5:30	2.4	272	26	3.8	0.0
11/11/2023 5:40	2.3	276	23	3.5	0.0
11/11/2023 5:50	2.3	280	17	3.6	0.0
11/11/2023 6:00	2.5	281	18	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 6:10	2.7	271	24	4.0	0.0
11/11/2023 6:20	3.1	266	18	5.0	0.0
11/11/2023 6:30	3.0	270	15	4.8	0.0
11/11/2023 6:40	2.6	279	19	3.9	0.0
11/11/2023 6:50	2.5	285	21	4.7	0.0
11/11/2023 7:00	3.4	272	20	5.0	0.0
11/11/2023 7:10	2.6	272	31	4.5	0.0
11/11/2023 7:20	3.4	272	23	5.4	0.0
11/11/2023 7:30	3.6	270	25	6.0	0.0
11/11/2023 7:40	3.1	258	38	5.1	0.0
11/11/2023 7:50	3.2	261	31	5.2	0.0
11/11/2023 8:00	3.8	271	24	6.0	0.0
11/11/2023 8:10	4.0	272	26	6.2	0.0
11/11/2023 8:20	3.8	271	22	5.8	0.0
11/11/2023 8:30	3.5	266	30	6.2	0.0
11/11/2023 8:40	3.7	266	29	6.6	0.0
11/11/2023 8:50	3.3	267	28	5.9	0.0
11/11/2023 9:00	3.3	264	27	5.7	0.0
11/11/2023 9:10	3.1	252	42	5.4	0.0
11/11/2023 9:20	3.8	275	23	6.8	0.0
11/11/2023 9:30	4.1	264	29	6.6	0.0
11/11/2023 9:40	4.1	269	24	6.5	0.0
11/11/2023 9:50	3.9	270	25	6.4	0.0
11/11/2023 10:00	4.1	268	27	6.6	0.0
11/11/2023 10:10	4.5	274	25	7.6	0.0
11/11/2023 10:20	3.5	262	35	6.6	0.0
11/11/2023 10:30	3.5	261	31	5.3	0.0
11/11/2023 10:40	4.6	272	22	7.0	0.0
11/11/2023 10:50	4.6	271	23	7.4	0.0
11/11/2023 11:00	4.0	272	27	7.1	0.0
11/11/2023 11:10	4.5	273	20	7.3	0.0
11/11/2023 11:20	4.8	274	18	8.0	0.0
11/11/2023 11:30	4.7	273	21	7.5	0.0
11/11/2023 11:40	4.3	279	23	6.1	0.0
11/11/2023 11:50	4.3	282	21	6.9	0.0
11/11/2023 12:00	3.8	282	23	5.6	0.0
11/11/2023 12:10	3.3	275	20	5.1	0.0
11/11/2023 12:20	3.6	284	20	5.6	0.0
11/11/2023 12:30	3.8	274	20	6.6	0.0
11/11/2023 12:40	4.4	275	17	6.4	0.0
11/11/2023 12:50	4.9	275	17	6.5	0.0
11/11/2023 13:00	4.5	267	21	6.9	0.0
11/11/2023 13:10	4.9	274	22	7.4	0.0
11/11/2023 13:20	4.9	273	26	7.3	0.0
11/11/2023 13:30	4.8	276	23	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 13:40	4.7	270	22	7.5	0.0
11/11/2023 13:50	5.0	272	18	8.3	0.0
11/11/2023 14:00	5.7	277	19	8.5	0.0
11/11/2023 14:10	4.9	267	25	7.5	0.0
11/11/2023 14:20	4.7	276	28	7.8	0.0
11/11/2023 14:30	5.1	272	27	9.1	0.0
11/11/2023 14:40	4.9	271	19	7.8	0.0
11/11/2023 14:50	5.4	267	27	8.1	0.0
11/11/2023 15:00	5.1	276	23	8.0	0.0
11/11/2023 15:10	5.1	270	22	7.8	0.0
11/11/2023 15:20	5.2	276	19	7.6	0.0
11/11/2023 15:30	5.6	278	18	8.7	0.0
11/11/2023 15:40	5.7	273	16	8.3	0.0
11/11/2023 15:50	5.1	274	24	9.1	0.0
11/11/2023 16:00	5.1	274	20	7.8	0.0
11/11/2023 16:10	4.6	269	28	6.9	0.0
11/11/2023 16:20	4.3	270	27	7.7	0.0
11/11/2023 16:30	4.8	270	27	8.3	0.0
11/11/2023 16:40	3.9	268	38	7.1	0.0
11/11/2023 16:50	5.2	273	21	7.7	0.0
11/11/2023 17:00	4.8	270	23	8.2	0.0
11/11/2023 17:10	4.5	273	27	7.4	0.0
11/11/2023 17:20	3.6	258	43	6.2	0.0
11/11/2023 17:30	4.1	262	29	7.0	0.0
11/11/2023 17:40	3.7	260	40	7.5	0.0
11/11/2023 17:50	4.0	264	39	7.9	0.0
11/11/2023 18:00	3.5	251	43	6.8	0.0
11/11/2023 18:10	4.4	264	36	7.4	0.0
11/11/2023 18:20	4.9	274	23	8.9	0.0
11/11/2023 18:30	3.4	278	44	6.1	0.0
11/11/2023 18:40	2.7	255	58	6.0	0.0
11/11/2023 18:50	3.9	269	41	7.4	0.0
11/11/2023 19:00	2.9	252	59	5.7	0.0
11/11/2023 19:10	3.6	267	45	7.5	0.0
11/11/2023 19:20	2.8	256	54	5.7	0.0
11/11/2023 19:30	3.1	262	53	6.2	0.0
11/11/2023 19:40	3.2	257	49	5.7	0.0
11/11/2023 19:50	2.9	237	52	5.8	0.0
11/11/2023 20:00	2.3	244	67	5.6	0.0
11/11/2023 20:10	2.5	244	53	5.2	0.0
11/11/2023 20:20	2.5	248	53	5.1	0.0
11/11/2023 20:30	3.1	253	46	6.4	0.0
11/11/2023 20:40	2.6	218	65	5.8	0.0
11/11/2023 20:50	3.0	238	51	6.1	0.0
11/11/2023 21:00	2.3	241	69	5.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
11/11/2023 21:10	1.5	216	82	3.7	0.0
11/11/2023 21:20	3.0	258	42	6.0	0.0
11/11/2023 21:30	2.6	261	60	5.8	0.0
11/11/2023 21:40	2.1	244	63	4.0	0.0
11/11/2023 21:50	2.6	248	52	5.5	0.0
11/11/2023 22:00	2.2	229	62	5.1	0.0
11/11/2023 22:10	1.9	249	70	4.4	0.0
11/11/2023 22:20	2.4	224	52	4.6	0.0
11/11/2023 22:30	2.1	202	54	4.4	0.0
11/11/2023 22:40	1.9	205	46	3.6	0.0
11/11/2023 22:50	1.7	198	65	3.4	0.0
11/11/2023 23:00	2.6	239	44	4.8	0.0
11/11/2023 23:10	2.7	217	45	5.1	0.0
11/11/2023 23:20	2.7	220	47	6.0	0.0
11/11/2023 23:30	2.5	212	44	4.5	0.0
11/11/2023 23:40	3.1	202	27	5.3	0.0
11/11/2023 23:50	2.4	220	44	4.8	0.0
12/11/2023 0:00	2.3	211	49	5.3	0.0
12/11/2023 0:10	2.7	217	41	5.5	0.0
12/11/2023 0:20	2.2	213	43	4.5	0.0
12/11/2023 0:30	2.2	213	46	5.1	0.0
12/11/2023 0:40	2.0	209	55	3.8	0.0
12/11/2023 0:50	2.5	220	41	5.6	0.0
12/11/2023 1:00	2.4	214	43	4.5	0.0
12/11/2023 1:10	2.8	221	40	4.8	0.0
12/11/2023 1:20	2.4	204	42	4.2	0.0
12/11/2023 1:30	2.4	192	42	4.0	0.0
12/11/2023 1:40	2.2	214	56	4.2	0.0
12/11/2023 1:50	2.3	191	39	3.7	0.0
12/11/2023 2:00	2.6	195	35	5.0	0.0
12/11/2023 2:10	2.1	213	59	4.9	0.0
12/11/2023 2:20	2.1	224	56	4.1	0.0
12/11/2023 2:30	2.2	228	53	4.8	0.0
12/11/2023 2:40	2.7	222	45	5.0	0.0
12/11/2023 2:50	2.3	218	43	4.2	0.0
12/11/2023 3:00	1.9	227	47	3.9	0.0
12/11/2023 3:10	2.2	219	48	4.0	0.0
12/11/2023 3:20	2.0	216	64	4.7	0.0
12/11/2023 3:30	2.1	207	60	4.0	0.0
12/11/2023 3:40	2.2	224	41	4.2	0.0
12/11/2023 3:50	2.0	202	40	4.4	0.0
12/11/2023 4:00	2.0	217	49	4.0	0.0
12/11/2023 4:10	2.2	230	49	3.5	0.0
12/11/2023 4:20	2.4	221	43	4.5	0.0
12/11/2023 4:30	2.4	234	49	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 4:40	2.6	233	47	4.6	0.0
12/11/2023 4:50	2.8	235	60	5.9	0.0
12/11/2023 5:00	2.6	209	47	4.4	0.0
12/11/2023 5:10	2.6	222	47	4.8	0.0
12/11/2023 5:20	2.4	206	39	4.0	0.0
12/11/2023 5:30	2.2	208	37	4.9	0.0
12/11/2023 5:40	1.9	221	54	3.2	0.0
12/11/2023 5:50	2.0	235	44	4.2	0.0
12/11/2023 6:00	1.7	203	61	3.3	0.0
12/11/2023 6:10	2.3	227	43	4.7	0.0
12/11/2023 6:20	1.9	229	47	4.4	0.0
12/11/2023 6:30	2.0	250	36	4.7	0.0
12/11/2023 6:40	1.8	216	47	3.2	0.0
12/11/2023 6:50	2.0	222	44	4.0	0.0
12/11/2023 7:00	1.8	220	41	3.6	0.0
12/11/2023 7:10	1.9	215	53	3.9	0.0
12/11/2023 7:20	2.0	218	52	3.9	0.0
12/11/2023 7:30	2.5	195	29	4.6	0.0
12/11/2023 7:40	2.7	212	31	4.9	0.0
12/11/2023 7:50	2.6	214	37	4.7	0.0
12/11/2023 8:00	2.8	201	30	4.8	0.0
12/11/2023 8:10	3.2	199	24	5.4	0.0
12/11/2023 8:20	2.6	209	31	5.2	0.0
12/11/2023 8:30	2.6	212	32	4.3	0.0
12/11/2023 8:40	2.5	225	37	4.4	0.0
12/11/2023 8:50	2.3	233	46	4.1	0.0
12/11/2023 9:00	2.6	242	45	4.2	0.0
12/11/2023 9:10	2.6	224	43	5.0	0.0
12/11/2023 9:20	3.7	270	27	7.5	0.0
12/11/2023 9:30	3.5	276	29	7.2	0.0
12/11/2023 9:40	3.0	261	41	6.2	0.0
12/11/2023 9:50	3.4	263	32	6.1	0.0
12/11/2023 10:00	4.6	283	22	7.1	0.0
12/11/2023 10:10	4.1	275	25	7.4	0.0
12/11/2023 10:20	4.3	282	23	8.3	0.0
12/11/2023 10:30	4.5	282	21	7.2	0.0
12/11/2023 10:40	4.5	275	22	7.2	0.0
12/11/2023 10:50	4.6	280	23	8.5	0.0
12/11/2023 11:00	4.7	275	26	7.3	0.0
12/11/2023 11:10	4.6	277	25	7.6	0.0
12/11/2023 11:20	4.9	272	19	7.3	0.0
12/11/2023 11:30	4.4	274	27	7.5	0.0
12/11/2023 11:40	4.7	274	25	7.5	0.0
12/11/2023 11:50	5.1	282	20	7.8	0.0
12/11/2023 12:00	4.6	274	22	7.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 12:10	4.3	278	23	6.8	0.0
12/11/2023 12:20	4.7	278	22	7.3	0.0
12/11/2023 12:30	5.0	271	23	7.9	0.0
12/11/2023 12:40	4.5	269	26	7.9	0.0
12/11/2023 12:50	4.7	277	19	7.9	0.0
12/11/2023 13:00	5.0	276	19	7.8	0.0
12/11/2023 13:10	4.8	279	22	7.3	0.0
12/11/2023 13:20	4.1	278	24	7.5	0.0
12/11/2023 13:30	4.8	271	22	7.0	0.0
12/11/2023 13:40	4.6	277	22	7.4	0.0
12/11/2023 13:50	5.1	273	22	7.7	0.0
12/11/2023 14:00	4.6	266	32	7.3	0.0
12/11/2023 14:10	5.0	275	25	7.5	0.0
12/11/2023 14:20	5.3	278	19	7.9	0.0
12/11/2023 14:30	4.7	277	20	8.2	0.0
12/11/2023 14:40	4.6	272	27	7.1	0.0
12/11/2023 14:50	4.8	273	22	7.1	0.0
12/11/2023 15:00	4.9	279	21	7.8	0.0
12/11/2023 15:10	4.9	272	23	7.3	0.0
12/11/2023 15:20	4.9	276	22	7.7	0.0
12/11/2023 15:30	5.0	272	21	7.2	0.0
12/11/2023 15:40	4.4	270	25	7.0	0.0
12/11/2023 15:50	4.8	279	21	7.4	0.0
12/11/2023 16:00	4.6	278	20	7.2	0.0
12/11/2023 16:10	4.5	272	22	7.6	0.0
12/11/2023 16:20	4.4	272	23	7.2	0.0
12/11/2023 16:30	4.3	282	25	6.7	0.0
12/11/2023 16:40	4.5	279	21	6.7	0.0
12/11/2023 16:50	4.3	282	22	6.5	0.0
12/11/2023 17:00	4.1	280	24	6.0	0.0
12/11/2023 17:10	3.9	292	22	6.5	0.0
12/11/2023 17:20	4.0	285	20	6.2	0.0
12/11/2023 17:30	4.1	272	22	6.1	0.0
12/11/2023 17:40	3.8	269	36	6.0	0.0
12/11/2023 17:50	3.7	275	21	6.0	0.0
12/11/2023 18:00	3.6	275	24	5.7	0.0
12/11/2023 18:10	3.5	275	26	5.4	0.0
12/11/2023 18:20	3.4	274	23	5.1	0.0
12/11/2023 18:30	3.9	274	23	5.7	0.0
12/11/2023 18:40	3.8	269	24	6.0	0.0
12/11/2023 18:50	3.7	272	24	5.8	0.0
12/11/2023 19:00	3.4	267	24	5.4	0.0
12/11/2023 19:10	3.5	278	23	5.8	0.0
12/11/2023 19:20	3.8	271	21	6.0	0.0
12/11/2023 19:30	3.5	272	35	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
12/11/2023 19:40	3.4	258	41	6.5	0.0
12/11/2023 19:50	3.3	259	41	6.0	0.0
12/11/2023 20:00	2.7	236	57	5.2	0.0
12/11/2023 20:10	2.9	241	50	6.1	0.0
12/11/2023 20:20	2.5	257	64	5.3	0.0
12/11/2023 20:30	2.8	264	43	5.6	0.0
12/11/2023 20:40	2.7	271	41	5.2	0.0
12/11/2023 20:50	1.9	260	67	4.1	0.0
12/11/2023 21:00	1.8	197	72	4.4	0.0
12/11/2023 21:10	2.3	244	40	4.0	0.0
12/11/2023 21:20	2.7	254	48	4.8	0.0
12/11/2023 21:30	2.4	253	50	4.4	0.0
12/11/2023 21:40	2.1	237	57	4.8	0.0
12/11/2023 21:50	1.8	247	71	4.6	0.0
12/11/2023 22:00	1.9	258	57	4.1	0.0
12/11/2023 22:10	1.8	207	77	4.4	0.0
12/11/2023 22:20	2.2	253	49	4.9	0.0
12/11/2023 22:30	1.6	191	80	3.2	0.0
12/11/2023 22:40	1.6	190	67	3.7	0.0
12/11/2023 22:50	1.8	221	61	3.5	0.0
12/11/2023 23:00	2.0	225	51	3.8	0.0
12/11/2023 23:10	1.3	223	66	3.4	0.0
12/11/2023 23:20	1.9	198	36	4.0	0.0
12/11/2023 23:30	2.5	211	35	4.0	0.0
12/11/2023 23:40	2.5	192	26	4.8	0.0
12/11/2023 23:50	1.9	204	46	3.2	0.0
13/11/2023 0:00	1.6	219	60	3.2	0.0
13/11/2023 0:10	1.6	245	65	4.4	0.0
13/11/2023 0:20	1.8	235	49	3.1	0.0
13/11/2023 0:30	1.6	237	68	4.1	0.0
13/11/2023 0:40	2.0	211	57	5.0	0.0
13/11/2023 0:50	1.7	200	63	4.3	0.0
13/11/2023 1:00	2.0	220	50	3.9	0.0
13/11/2023 1:10	2.0	217	64	3.7	0.0
13/11/2023 1:20	1.8	200	60	3.4	0.0
13/11/2023 1:30	2.0	194	27	4.5	0.0
13/11/2023 1:40	2.2	201	45	3.6	0.0
13/11/2023 1:50	2.1	202	35	3.9	0.0
13/11/2023 2:00	2.2	221	47	4.4	0.0
13/11/2023 2:10	1.8	224	42	3.6	0.0
13/11/2023 2:20	1.9	226	48	3.3	0.0
13/11/2023 2:30	1.9	211	42	4.4	0.0
13/11/2023 2:40	2.1	240	42	5.0	0.0
13/11/2023 2:50	1.9	209	50	3.8	0.0
13/11/2023 3:00	1.9	213	46	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 3:10	1.9	205	40	4.0	0.0
13/11/2023 3:20	2.3	198	36	3.9	0.0
13/11/2023 3:30	2.4	200	34	4.4	0.0
13/11/2023 3:40	2.2	214	50	4.1	0.0
13/11/2023 3:50	2.1	194	35	4.1	0.0
13/11/2023 4:00	2.2	211	33	4.4	0.0
13/11/2023 4:10	2.6	216	35	5.3	0.0
13/11/2023 4:20	2.6	213	34	4.7	0.0
13/11/2023 4:30	2.7	208	32	5.3	0.0
13/11/2023 4:40	2.5	202	37	5.5	0.0
13/11/2023 4:50	2.0	212	40	3.9	0.0
13/11/2023 5:00	2.4	205	31	4.8	0.0
13/11/2023 5:10	2.5	201	28	4.7	0.0
13/11/2023 5:20	2.8	197	26	4.6	0.0
13/11/2023 5:30	2.9	200	24	4.9	0.0
13/11/2023 5:40	3.1	207	24	5.4	0.0
13/11/2023 5:50	3.3	207	33	5.6	0.0
13/11/2023 6:00	2.7	201	40	5.3	0.0
13/11/2023 6:10	3.3	204	30	6.0	0.0
13/11/2023 6:20	3.6	204	22	5.8	0.0
13/11/2023 6:30	3.6	209	25	6.4	0.0
13/11/2023 6:40	3.6	197	23	6.4	0.0
13/11/2023 6:50	3.9	206	23	6.1	0.0
13/11/2023 7:00	2.8	200	29	4.8	0.0
13/11/2023 7:10	3.4	198	23	6.4	0.0
13/11/2023 7:20	3.8	208	29	6.6	0.0
13/11/2023 7:30	3.4	200	27	6.0	0.0
13/11/2023 7:40	3.8	206	30	6.8	0.0
13/11/2023 7:50	3.6	203	24	7.0	0.0
13/11/2023 8:00	3.1	207	37	5.8	0.0
13/11/2023 8:10	4.4	194	20	6.8	0.0
13/11/2023 8:20	3.3	208	31	5.4	0.0
13/11/2023 8:30	3.9	206	25	6.7	0.0
13/11/2023 8:40	3.7	205	25	6.4	0.0
13/11/2023 8:50	2.8	220	46	5.0	0.0
13/11/2023 9:00	2.4	240	45	4.8	0.0
13/11/2023 9:10	2.7	232	43	5.8	0.0
13/11/2023 9:20	2.8	228	33	5.1	0.0
13/11/2023 9:30	4.4	199	17	6.8	0.0
13/11/2023 9:40	4.0	198	18	6.5	0.0
13/11/2023 9:50	3.2	212	33	6.1	0.0
13/11/2023 10:00	4.3	201	15	6.1	0.0
13/11/2023 10:10	4.0	202	19	6.4	0.0
13/11/2023 10:20	2.8	225	39	4.9	0.0
13/11/2023 10:30	3.0	258	36	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 10:40	3.9	284	26	6.9	0.0
13/11/2023 10:50	4.3	285	24	6.4	0.0
13/11/2023 11:00	4.6	291	23	7.2	0.0
13/11/2023 11:10	4.1	282	22	6.1	0.0
13/11/2023 11:20	4.4	287	22	7.1	0.0
13/11/2023 11:30	4.2	277	25	6.7	0.0
13/11/2023 11:40	4.5	285	21	6.7	0.0
13/11/2023 11:50	4.4	283	23	6.7	0.0
13/11/2023 12:00	4.6	276	22	7.2	0.0
13/11/2023 12:10	4.3	277	23	6.5	0.0
13/11/2023 12:20	4.8	272	19	7.3	0.0
13/11/2023 12:30	4.5	278	26	7.2	0.0
13/11/2023 12:40	4.6	277	23	7.3	0.0
13/11/2023 12:50	4.6	272	22	7.2	0.0
13/11/2023 13:00	4.7	275	20	7.5	0.0
13/11/2023 13:10	4.8	277	22	7.1	0.0
13/11/2023 13:20	5.1	280	22	7.5	0.0
13/11/2023 13:30	4.8	277	22	7.2	0.0
13/11/2023 13:40	4.8	280	22	8.3	0.0
13/11/2023 13:50	4.9	278	26	7.9	0.0
13/11/2023 14:00	5.1	271	23	7.3	0.0
13/11/2023 14:10	5.0	273	21	7.9	0.0
13/11/2023 14:20	4.8	271	22	7.4	0.0
13/11/2023 14:30	4.7	275	23	7.8	0.0
13/11/2023 14:40	5.1	282	22	7.9	0.0
13/11/2023 14:50	5.0	278	21	7.7	0.0
13/11/2023 15:00	4.4	272	31	7.0	0.0
13/11/2023 15:10	4.7	269	28	7.5	0.0
13/11/2023 15:20	4.5	270	23	7.8	0.0
13/11/2023 15:30	4.4	273	22	7.4	0.0
13/11/2023 15:40	4.3	268	28	7.2	0.0
13/11/2023 15:50	4.5	271	20	6.8	0.0
13/11/2023 16:00	4.1	271	23	7.7	0.0
13/11/2023 16:10	3.4	257	43	6.1	0.0
13/11/2023 16:20	4.6	271	30	7.1	0.0
13/11/2023 16:30	4.8	274	18	6.9	0.0
13/11/2023 16:40	4.0	271	25	7.2	0.0
13/11/2023 16:50	4.4	266	31	7.4	0.0
13/11/2023 17:00	3.4	257	31	6.9	0.0
13/11/2023 17:10	3.0	259	52	5.3	0.0
13/11/2023 17:20	3.9	262	33	6.5	0.0
13/11/2023 17:30	3.6	267	37	6.4	0.0
13/11/2023 17:40	2.7	253	49	5.1	0.0
13/11/2023 17:50	3.6	263	32	6.1	0.0
13/11/2023 18:00	3.8	272	30	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
13/11/2023 18:10	2.6	258	45	5.9	0.0
13/11/2023 18:20	2.8	246	40	5.3	0.0
13/11/2023 18:30	2.7	263	39	5.6	0.0
13/11/2023 18:40	2.4	250	53	4.8	0.0
13/11/2023 18:50	2.9	253	41	5.4	0.0
13/11/2023 19:00	2.7	258	41	5.2	0.0
13/11/2023 19:10	3.1	264	38	5.7	0.0
13/11/2023 19:20	2.3	242	58	5.0	0.0
13/11/2023 19:30	2.6	245	44	5.0	0.0
13/11/2023 19:40	2.8	252	40	5.2	0.0
13/11/2023 19:50	2.7	256	37	5.7	0.0
13/11/2023 20:00	2.8	249	37	5.5	0.0
13/11/2023 20:10	2.8	249	44	5.3	0.0
13/11/2023 20:20	3.0	248	35	5.5	0.0
13/11/2023 20:30	3.0	248	40	6.0	0.0
13/11/2023 20:40	2.3	258	46	4.8	0.0
13/11/2023 20:50	2.0	221	41	4.0	0.0
13/11/2023 21:00	1.8	229	59	3.3	0.0
13/11/2023 21:10	1.5	250	67	3.4	0.0
13/11/2023 21:20	1.9	225	48	4.0	0.0
13/11/2023 21:30	2.0	215	42	4.2	0.0
13/11/2023 21:40	1.5	209	50	3.1	0.0
13/11/2023 21:50	1.7	237	55	3.2	0.0
13/11/2023 22:00	1.9	243	46	4.3	0.0
13/11/2023 22:10	1.7	214	57	3.6	0.0
13/11/2023 22:20	2.0	218	45	3.6	0.0
13/11/2023 22:30	1.8	224	55	3.7	0.0
13/11/2023 22:40	1.6	223	60	3.9	0.0
13/11/2023 22:50	1.4	226	57	2.9	0.0
13/11/2023 23:00	1.9	245	52	3.7	0.0
13/11/2023 23:10	2.2	235	47	4.0	0.0
13/11/2023 23:20	2.3	192	31	4.7	0.0
13/11/2023 23:30	2.1	201	53	4.1	0.0
13/11/2023 23:40	2.1	220	53	4.1	0.0
13/11/2023 23:50	1.4	195	73	3.4	0.0
14/11/2023 0:00	2.0	204	48	4.3	0.0
14/11/2023 0:10	1.8	190	53	3.7	0.0
14/11/2023 0:20	2.4	206	39	5.4	0.0
14/11/2023 0:30	2.1	245	40	3.8	0.0
14/11/2023 0:40	2.1	218	44	4.3	0.0
14/11/2023 0:50	2.5	228	48	5.2	0.0
14/11/2023 1:00	1.7	215	65	3.5	0.0
14/11/2023 1:10	2.0	243	46	4.5	0.0
14/11/2023 1:20	2.2	238	52	5.1	0.0
14/11/2023 1:30	1.9	235	50	4.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 1:40	2.0	252	44	4.1	0.0
14/11/2023 1:50	1.6	248	50	3.0	0.0
14/11/2023 2:00	2.4	257	47	5.3	0.0
14/11/2023 2:10	1.9	250	56	3.8	0.0
14/11/2023 2:20	2.0	226	50	4.2	0.0
14/11/2023 2:30	2.0	238	51	4.0	0.0
14/11/2023 2:40	2.1	230	55	4.7	0.0
14/11/2023 2:50	2.7	251	41	5.7	0.0
14/11/2023 3:00	2.1	216	43	4.4	0.0
14/11/2023 3:10	2.0	218	62	3.7	0.0
14/11/2023 3:20	2.3	236	45	5.5	0.0
14/11/2023 3:30	1.9	230	62	4.5	0.0
14/11/2023 3:40	1.6	220	70	4.0	0.0
14/11/2023 3:50	1.9	234	67	3.7	0.0
14/11/2023 4:00	1.5	187	75	3.6	0.0
14/11/2023 4:10	1.9	227	60	4.4	0.0
14/11/2023 4:20	1.8	239	75	4.2	0.0
14/11/2023 4:30	2.0	211	63	4.3	0.0
14/11/2023 4:40	2.4	254	42	5.0	0.0
14/11/2023 4:50	2.6	255	38	5.3	0.0
14/11/2023 5:00	3.0	248	34	5.8	0.0
14/11/2023 5:10	2.3	233	53	4.8	0.0
14/11/2023 5:20	2.7	243	41	5.8	0.0
14/11/2023 5:30	2.6	241	41	5.1	0.0
14/11/2023 5:40	2.3	244	44	4.5	0.0
14/11/2023 5:50	2.3	248	49	4.2	0.0
14/11/2023 6:00	1.8	244	57	5.2	0.0
14/11/2023 6:10	2.6	239	41	4.8	0.0
14/11/2023 6:20	2.5	242	45	4.9	0.0
14/11/2023 6:30	2.6	222	46	4.5	0.0
14/11/2023 6:40	2.3	231	51	4.8	0.0
14/11/2023 6:50	2.1	216	50	5.0	0.0
14/11/2023 7:00	2.9	212	42	4.9	0.0
14/11/2023 7:10	2.6	210	49	4.9	0.0
14/11/2023 7:20	2.6	219	52	5.2	0.0
14/11/2023 7:30	3.4	213	29	6.9	0.0
14/11/2023 7:40	3.4	212	36	6.6	0.0
14/11/2023 7:50	3.6	199	26	5.8	0.0
14/11/2023 8:00	3.5	203	31	7.3	0.0
14/11/2023 8:10	2.8	223	43	5.0	0.0
14/11/2023 8:20	2.5	217	50	5.2	0.0
14/11/2023 8:30	3.2	223	44	6.0	0.0
14/11/2023 8:40	3.6	221	38	6.2	0.0
14/11/2023 8:50	3.7	201	25	6.4	0.0
14/11/2023 9:00	3.4	220	32	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 9:10	2.9	222	37	5.1	0.0
14/11/2023 9:20	2.5	220	45	4.8	0.0
14/11/2023 9:30	3.0	216	30	5.0	0.0
14/11/2023 9:40	2.9	216	32	4.8	0.0
14/11/2023 9:50	3.0	252	43	5.5	0.0
14/11/2023 10:00	3.4	274	33	6.1	0.0
14/11/2023 10:10	4.3	285	25	6.7	0.0
14/11/2023 10:20	3.9	279	26	5.9	0.0
14/11/2023 10:30	4.2	278	24	6.8	0.0
14/11/2023 10:40	4.4	274	22	7.0	0.0
14/11/2023 10:50	4.5	281	23	7.4	0.0
14/11/2023 11:00	4.4	273	23	6.9	0.0
14/11/2023 11:10	4.8	277	21	7.1	0.0
14/11/2023 11:20	4.8	275	25	7.0	0.0
14/11/2023 11:30	4.6	278	24	6.9	0.0
14/11/2023 11:40	4.6	271	24	7.2	0.0
14/11/2023 11:50	5.1	275	25	7.3	0.0
14/11/2023 12:00	4.4	262	34	7.8	0.0
14/11/2023 12:10	4.5	263	33	7.1	0.0
14/11/2023 12:20	5.3	281	21	7.9	0.0
14/11/2023 12:30	5.5	275	18	7.6	0.0
14/11/2023 12:40	5.1	270	28	7.9	0.0
14/11/2023 12:50	4.9	267	28	7.8	0.0
14/11/2023 13:00	5.0	267	25	7.9	0.0
14/11/2023 13:10	4.6	271	27	7.2	0.0
14/11/2023 13:20	4.5	276	20	7.9	0.0
14/11/2023 13:30	4.5	273	26	6.7	0.0
14/11/2023 13:40	4.9	273	19	7.5	0.0
14/11/2023 13:50	4.9	270	19	7.9	0.0
14/11/2023 14:00	5.5	270	17	7.5	0.0
14/11/2023 14:10	4.9	268	21	7.6	0.0
14/11/2023 14:20	4.5	270	24	7.6	0.0
14/11/2023 14:30	4.7	271	24	7.1	0.0
14/11/2023 14:40	4.7	274	25	7.1	0.0
14/11/2023 14:50	4.5	269	26	6.8	0.0
14/11/2023 15:00	4.8	269	21	7.3	0.0
14/11/2023 15:10	4.4	272	21	6.7	0.0
14/11/2023 15:20	4.2	262	31	7.0	0.0
14/11/2023 15:30	3.9	275	24	6.6	0.0
14/11/2023 15:40	3.9	267	31	8.3	0.0
14/11/2023 15:50	3.4	255	40	5.8	0.0
14/11/2023 16:00	4.0	269	32	6.8	0.0
14/11/2023 16:10	3.3	269	50	6.2	0.0
14/11/2023 16:20	3.8	261	36	6.8	0.0
14/11/2023 16:30	4.4	258	36	7.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
14/11/2023 16:40	3.6	256	41	7.7	0.0
14/11/2023 16:50	2.6	251	54	6.1	0.0
14/11/2023 17:00	3.1	260	52	7.5	0.0
14/11/2023 17:10	3.6	250	47	6.5	0.0
14/11/2023 17:20	3.7	252	36	6.7	0.0
14/11/2023 17:30	3.5	261	45	6.6	0.0
14/11/2023 17:40	3.5	250	44	6.2	0.0
14/11/2023 17:50	2.9	257	50	6.7	0.0
14/11/2023 18:00	3.5	264	37	6.6	0.0
14/11/2023 18:10	3.5	266	43	6.6	0.0
14/11/2023 18:20	3.5	270	40	6.5	0.0
14/11/2023 18:30	3.0	278	45	5.9	0.0
14/11/2023 18:40	3.1	261	42	5.7	0.0
14/11/2023 18:50	3.0	249	42	5.7	0.0
14/11/2023 19:00	3.3	259	49	6.0	0.0
14/11/2023 19:10	3.3	265	38	6.9	0.0
14/11/2023 19:20	2.9	249	48	6.0	0.0
14/11/2023 19:30	3.4	267	47	6.4	0.0
14/11/2023 19:40	3.2	249	39	6.0	0.0
14/11/2023 19:50	3.1	243	43	6.4	0.0
14/11/2023 20:00	2.7	254	53	5.6	0.0
14/11/2023 20:10	2.9	247	41	4.9	0.0
14/11/2023 20:20	2.8	262	45	5.6	0.0
14/11/2023 20:30	2.2	240	48	4.0	0.0
14/11/2023 20:40	2.1	203	62	4.2	0.0
14/11/2023 20:50	2.8	256	42	5.5	0.0
14/11/2023 21:00	2.6	265	42	5.6	0.0
14/11/2023 21:10	2.7	255	43	5.2	0.0
14/11/2023 21:20	2.0	206	65	4.4	0.0
14/11/2023 21:30	2.1	213	60	4.5	0.0
14/11/2023 21:40	2.1	203	56	3.6	0.0
14/11/2023 21:50	1.8	207	64	4.2	0.0
14/11/2023 22:00	2.3	237	55	5.1	0.0
14/11/2023 22:10	2.4	208	45	4.8	0.0
14/11/2023 22:20	2.7	228	47	5.1	0.0
14/11/2023 22:30	3.1	258	28	5.8	0.0
14/11/2023 22:40	2.5	227	69	4.9	0.0
14/11/2023 22:50	2.2	195	36	4.1	0.0
14/11/2023 23:00	2.5	256	43	5.2	0.0
14/11/2023 23:10	1.9	207	48	4.2	0.0
14/11/2023 23:20	2.1	246	57	4.4	0.0
14/11/2023 23:30	1.8	228	60	3.4	0.0
14/11/2023 23:40	2.5	225	50	4.8	0.0
14/11/2023 23:50	2.7	255	29	4.8	0.0
15/11/2023 0:00	2.5	251	45	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 0:10	2.3	236	53	4.4	0.0
15/11/2023 0:20	2.0	219	55	3.3	0.0
15/11/2023 0:30	1.9	217	51	3.6	0.0
15/11/2023 0:40	2.2	253	54	5.0	0.0
15/11/2023 0:50	1.8	210	65	3.6	0.0
15/11/2023 1:00	2.7	261	32	5.2	0.0
15/11/2023 1:10	2.6	265	43	5.2	0.0
15/11/2023 1:20	1.7	185	90	4.3	0.0
15/11/2023 1:30	1.8	196	57	4.2	0.0
15/11/2023 1:40	1.9	224	48	5.0	0.0
15/11/2023 1:50	2.0	230	56	3.6	0.0
15/11/2023 2:00	2.3	251	47	4.2	0.0
15/11/2023 2:10	2.2	242	50	4.5	0.0
15/11/2023 2:20	2.1	227	54	4.2	0.0
15/11/2023 2:30	1.9	237	49	3.9	0.0
15/11/2023 2:40	2.0	251	54	4.2	0.0
15/11/2023 2:50	2.0	240	49	3.4	0.0
15/11/2023 3:00	2.2	241	47	4.6	0.0
15/11/2023 3:10	2.0	245	41	4.0	0.0
15/11/2023 3:20	1.6	222	55	3.6	0.0
15/11/2023 3:30	1.9	246	54	3.2	0.0
15/11/2023 3:40	2.0	260	36	3.5	0.0
15/11/2023 3:50	1.9	244	47	3.6	0.0
15/11/2023 4:00	1.9	254	42	4.0	0.0
15/11/2023 4:10	1.2	234	68	2.9	0.0
15/11/2023 4:20	1.5	231	78	3.4	0.0
15/11/2023 4:30	1.7	272	46	3.3	0.0
15/11/2023 4:40	1.3	285	48	3.0	0.0
15/11/2023 4:50	1.5	287	44	2.7	0.0
15/11/2023 5:00	1.0	252	68	2.4	0.0
15/11/2023 5:10	1.6	278	40	3.7	0.0
15/11/2023 5:20	1.8	276	29	3.3	0.0
15/11/2023 5:30	2.3	283	19	3.4	0.0
15/11/2023 5:40	2.4	283	15	3.6	0.0
15/11/2023 5:50	2.2	275	17	3.4	0.0
15/11/2023 6:00	2.4	279	15	3.6	0.0
15/11/2023 6:10	2.4	276	19	3.4	0.0
15/11/2023 6:20	2.3	279	16	3.6	0.0
15/11/2023 6:30	2.3	277	18	3.6	0.0
15/11/2023 6:40	1.9	271	26	3.0	0.0
15/11/2023 6:50	2.0	265	35	4.0	0.0
15/11/2023 7:00	2.5	249	31	4.8	0.0
15/11/2023 7:10	2.4	246	34	4.2	0.0
15/11/2023 7:20	2.2	258	47	4.2	0.0
15/11/2023 7:30	1.6	225	69	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 7:40	2.2	216	44	4.4	0.0
15/11/2023 7:50	2.2	224	46	4.5	0.0
15/11/2023 8:00	2.4	228	40	4.5	0.0
15/11/2023 8:10	2.4	261	38	4.4	0.0
15/11/2023 8:20	2.5	233	41	4.2	0.0
15/11/2023 8:30	1.9	242	54	3.6	0.0
15/11/2023 8:40	2.7	249	41	4.6	0.0
15/11/2023 8:50	3.1	224	31	5.4	0.0
15/11/2023 9:00	2.7	205	40	5.6	0.0
15/11/2023 9:10	2.7	206	38	5.2	0.0
15/11/2023 9:20	2.9	208	35	5.6	0.0
15/11/2023 9:30	3.8	205	29	6.7	0.0
15/11/2023 9:40	3.4	217	34	6.2	0.0
15/11/2023 9:50	2.8	225	40	5.2	0.0
15/11/2023 10:00	3.0	227	38	6.4	0.0
15/11/2023 10:10	3.2	262	28	5.0	0.0
15/11/2023 10:20	3.8	283	22	6.0	0.0
15/11/2023 10:30	4.4	283	20	6.8	0.0
15/11/2023 10:40	3.9	279	27	5.7	0.0
15/11/2023 10:50	4.4	284	25	7.2	0.0
15/11/2023 11:00	4.2	283	22	7.1	0.0
15/11/2023 11:10	4.6	282	25	7.3	0.0
15/11/2023 11:20	4.6	281	22	6.7	0.0
15/11/2023 11:30	4.6	278	23	7.1	0.0
15/11/2023 11:40	4.6	282	20	7.2	0.0
15/11/2023 11:50	4.4	278	20	6.7	0.0
15/11/2023 12:00	4.3	281	22	6.5	0.0
15/11/2023 12:10	4.2	276	21	6.4	0.0
15/11/2023 12:20	4.5	274	24	7.2	0.0
15/11/2023 12:30	4.6	269	22	8.2	0.0
15/11/2023 12:40	4.7	272	25	7.9	0.0
15/11/2023 12:50	4.5	271	27	7.6	0.0
15/11/2023 13:00	4.7	276	20	7.2	0.0
15/11/2023 13:10	4.7	272	28	8.1	0.0
15/11/2023 13:20	5.6	274	19	8.5	0.0
15/11/2023 13:30	5.0	271	21	7.6	0.0
15/11/2023 13:40	4.9	274	28	8.1	0.0
15/11/2023 13:50	5.9	270	21	9.0	0.0
15/11/2023 14:00	5.6	269	24	9.9	0.0
15/11/2023 14:10	5.5	275	22	8.2	0.0
15/11/2023 14:20	5.4	271	23	9.1	0.0
15/11/2023 14:30	5.4	273	21	7.5	0.0
15/11/2023 14:40	5.0	268	25	8.5	0.0
15/11/2023 14:50	4.7	269	23	8.4	0.0
15/11/2023 15:00	5.6	275	20	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 15:10	5.6	272	21	8.7	0.0
15/11/2023 15:20	5.7	268	25	9.3	0.0
15/11/2023 15:30	5.6	268	22	8.5	0.0
15/11/2023 15:40	5.3	271	24	9.1	0.0
15/11/2023 15:50	5.1	269	23	7.6	0.0
15/11/2023 16:00	5.5	272	23	8.5	0.0
15/11/2023 16:10	4.4	268	28	7.5	0.0
15/11/2023 16:20	4.0	259	41	7.0	0.0
15/11/2023 16:30	4.0	258	44	7.8	0.0
15/11/2023 16:40	4.3	260	35	7.2	0.0
15/11/2023 16:50	3.9	260	42	7.5	0.0
15/11/2023 17:00	3.4	251	45	6.6	0.0
15/11/2023 17:10	3.5	238	41	7.2	0.0
15/11/2023 17:20	3.7	252	38	7.0	0.0
15/11/2023 17:30	3.2	255	49	6.7	0.0
15/11/2023 17:40	3.8	261	41	7.1	0.0
15/11/2023 17:50	3.3	249	45	6.0	0.0
15/11/2023 18:00	3.6	255	44	6.7	0.0
15/11/2023 18:10	3.0	247	50	5.8	0.0
15/11/2023 18:20	3.6	263	33	6.2	0.0
15/11/2023 18:30	3.5	262	30	6.0	0.0
15/11/2023 18:40	3.5	267	28	7.2	0.0
15/11/2023 18:50	3.0	268	40	6.2	0.0
15/11/2023 19:00	3.4	250	39	6.3	0.0
15/11/2023 19:10	3.0	260	42	5.7	0.0
15/11/2023 19:20	3.1	252	47	6.3	0.0
15/11/2023 19:30	2.9	259	39	5.9	0.0
15/11/2023 19:40	3.2	260	32	6.7	0.0
15/11/2023 19:50	3.2	249	39	6.4	0.0
15/11/2023 20:00	3.6	250	28	6.2	0.0
15/11/2023 20:10	3.0	249	46	5.7	0.0
15/11/2023 20:20	2.9	257	43	6.0	0.0
15/11/2023 20:30	2.7	246	59	5.7	0.0
15/11/2023 20:40	2.8	247	44	5.2	0.0
15/11/2023 20:50	3.0	246	40	5.6	0.0
15/11/2023 21:00	3.1	261	34	6.8	0.0
15/11/2023 21:10	3.4	262	38	7.8	0.0
15/11/2023 21:20	3.2	254	35	6.3	0.0
15/11/2023 21:30	3.3	254	35	6.4	0.0
15/11/2023 21:40	3.0	254	39	5.5	0.0
15/11/2023 21:50	1.8	223	59	4.9	0.0
15/11/2023 22:00	3.1	251	48	5.6	0.0
15/11/2023 22:10	2.1	225	64	4.4	0.0
15/11/2023 22:20	2.8	243	45	5.5	0.0
15/11/2023 22:30	2.6	260	51	5.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
15/11/2023 22:40	2.8	251	40	6.4	0.0
15/11/2023 22:50	2.1	238	58	3.8	0.0
15/11/2023 23:00	1.9	192	53	3.8	0.0
15/11/2023 23:10	2.4	238	58	5.4	0.0
15/11/2023 23:20	2.8	250	44	6.4	0.0
15/11/2023 23:30	2.6	247	47	5.6	0.0
15/11/2023 23:40	2.4	210	46	4.5	0.0
15/11/2023 23:50	2.5	208	39	4.7	0.0
16/11/2023 0:00	2.9	221	36	4.7	0.0
16/11/2023 0:10	3.0	233	39	4.9	0.0
16/11/2023 0:20	2.1	221	56	4.3	0.0
16/11/2023 0:30	2.6	235	49	6.0	0.0
16/11/2023 0:40	2.5	225	51	5.5	0.0
16/11/2023 0:50	2.4	248	50	4.4	0.0
16/11/2023 1:00	2.9	248	43	5.7	0.0
16/11/2023 1:10	2.0	241	65	4.8	0.0
16/11/2023 1:20	2.2	205	52	4.4	0.0
16/11/2023 1:30	2.2	216	50	4.3	0.0
16/11/2023 1:40	1.8	211	60	4.0	0.0
16/11/2023 1:50	2.2	213	52	5.2	0.0
16/11/2023 2:00	2.4	213	41	4.5	0.0
16/11/2023 2:10	2.0	212	49	3.9	0.0
16/11/2023 2:20	2.6	255	41	5.6	0.0
16/11/2023 2:30	2.5	255	48	4.4	0.0
16/11/2023 2:40	2.2	236	58	4.6	0.0
16/11/2023 2:50	2.0	210	51	4.1	0.0
16/11/2023 3:00	2.4	237	49	5.0	0.0
16/11/2023 3:10	2.0	215	58	4.3	0.0
16/11/2023 3:20	2.0	209	59	3.9	0.0
16/11/2023 3:30	1.8	215	65	4.3	0.0
16/11/2023 3:40	2.1	231	66	4.4	0.0
16/11/2023 3:50	2.1	246	51	4.2	0.0
16/11/2023 4:00	2.1	254	47	4.8	0.0
16/11/2023 4:10	2.0	261	50	3.8	0.0
16/11/2023 4:20	2.1	254	39	4.1	0.0
16/11/2023 4:30	2.2	258	44	4.6	0.0
16/11/2023 4:40	2.0	264	29	4.4	0.0
16/11/2023 4:50	2.4	273	19	4.1	0.0
16/11/2023 5:00	1.9	271	34	3.3	0.0
16/11/2023 5:10	2.3	258	36	4.1	0.0
16/11/2023 5:20	2.0	260	52	3.5	0.0
16/11/2023 5:30	1.8	270	51	4.2	0.0
16/11/2023 5:40	2.0	259	49	3.2	0.0
16/11/2023 5:50	1.5	215	66	3.7	0.0
16/11/2023 6:00	2.0	260	41	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 6:10	2.0	260	41	3.7	0.0
16/11/2023 6:20	1.8	218	50	3.6	0.0
16/11/2023 6:30	2.0	211	42	3.6	0.0
16/11/2023 6:40	1.9	261	49	4.0	0.0
16/11/2023 6:50	1.8	253	69	3.6	0.0
16/11/2023 7:00	2.3	235	44	4.8	0.0
16/11/2023 7:10	2.8	251	33	5.3	0.0
16/11/2023 7:20	2.5	218	39	4.8	0.0
16/11/2023 7:30	2.0	236	45	4.1	0.0
16/11/2023 7:40	2.4	211	32	5.0	0.0
16/11/2023 7:50	2.6	246	30	4.7	0.0
16/11/2023 8:00	2.9	249	25	4.8	0.0
16/11/2023 8:10	2.6	249	32	5.6	0.0
16/11/2023 8:20	2.6	233	35	4.6	0.0
16/11/2023 8:30	2.3	257	44	3.8	0.0
16/11/2023 8:40	2.5	258	32	4.8	0.0
16/11/2023 8:50	3.1	270	28	5.1	0.0
16/11/2023 9:00	2.8	278	21	4.5	0.0
16/11/2023 9:10	2.7	255	29	4.6	0.0
16/11/2023 9:20	3.7	270	26	5.6	0.0
16/11/2023 9:30	3.6	279	23	5.9	0.0
16/11/2023 9:40	3.5	274	21	5.8	0.0
16/11/2023 9:50	3.8	282	21	6.0	0.0
16/11/2023 10:00	3.6	274	25	5.5	0.0
16/11/2023 10:10	3.9	283	23	6.2	0.0
16/11/2023 10:20	3.7	284	24	5.6	0.0
16/11/2023 10:30	3.7	285	22	5.2	0.0
16/11/2023 10:40	4.1	275	21	6.7	0.0
16/11/2023 10:50	4.1	275	20	5.9	0.0
16/11/2023 11:00	3.9	276	20	5.7	0.0
16/11/2023 11:10	3.8	279	24	5.8	0.0
16/11/2023 11:20	4.1	281	26	6.4	0.0
16/11/2023 11:30	3.9	280	23	6.4	0.0
16/11/2023 11:40	4.1	276	24	6.6	0.0
16/11/2023 11:50	3.9	278	21	6.4	0.0
16/11/2023 12:00	4.2	276	21	6.6	0.0
16/11/2023 12:10	4.2	278	20	5.8	0.0
16/11/2023 12:20	4.0	276	21	5.9	0.0
16/11/2023 12:30	4.2	275	23	7.1	0.0
16/11/2023 12:40	4.6	281	19	6.4	0.0
16/11/2023 12:50	4.8	272	20	6.7	0.0
16/11/2023 13:00	4.5	278	24	7.0	0.0
16/11/2023 13:10	4.6	278	21	6.8	0.0
16/11/2023 13:20	4.5	279	21	6.7	0.0
16/11/2023 13:30	4.4	279	22	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 13:40	4.3	275	23	6.6	0.0
16/11/2023 13:50	3.9	271	33	6.6	0.0
16/11/2023 14:00	4.0	272	26	6.5	0.0
16/11/2023 14:10	4.5	273	24	7.2	0.0
16/11/2023 14:20	4.2	266	31	6.8	0.0
16/11/2023 14:30	4.4	272	20	7.2	0.0
16/11/2023 14:40	4.4	268	25	7.2	0.0
16/11/2023 14:50	4.9	272	22	7.2	0.0
16/11/2023 15:00	4.8	271	23	8.1	0.0
16/11/2023 15:10	4.7	267	19	7.1	0.0
16/11/2023 15:20	4.9	267	21	7.5	0.0
16/11/2023 15:30	4.7	271	23	7.5	0.0
16/11/2023 15:40	5.1	279	19	7.5	0.0
16/11/2023 15:50	4.6	277	21	7.1	0.0
16/11/2023 16:00	4.6	280	23	7.3	0.0
16/11/2023 16:10	4.7	276	18	7.2	0.0
16/11/2023 16:20	5.0	278	20	7.6	0.0
16/11/2023 16:30	5.1	272	22	7.9	0.0
16/11/2023 16:40	4.7	273	22	7.2	0.0
16/11/2023 16:50	4.9	269	22	8.3	0.0
16/11/2023 17:00	5.1	273	20	7.5	0.0
16/11/2023 17:10	4.5	269	25	7.3	0.0
16/11/2023 17:20	4.0	271	20	6.7	0.0
16/11/2023 17:30	3.8	265	34	6.8	0.0
16/11/2023 17:40	4.1	252	33	7.4	0.0
16/11/2023 17:50	3.2	263	43	6.2	0.0
16/11/2023 18:00	3.9	263	40	6.8	0.0
16/11/2023 18:10	3.7	263	35	6.3	0.0
16/11/2023 18:20	3.9	258	39	6.8	0.0
16/11/2023 18:30	3.0	258	47	6.2	0.0
16/11/2023 18:40	3.0	248	54	6.0	0.0
16/11/2023 18:50	2.6	248	51	4.8	0.0
16/11/2023 19:00	3.2	259	46	6.2	0.0
16/11/2023 19:10	3.2	256	47	6.4	0.0
16/11/2023 19:20	3.0	255	38	5.6	0.0
16/11/2023 19:30	2.8	253	57	5.2	0.0
16/11/2023 19:40	2.3	226	62	4.4	0.0
16/11/2023 19:50	2.5	256	50	5.7	0.0
16/11/2023 20:00	2.9	255	51	6.0	0.0
16/11/2023 20:10	2.8	246	45	6.0	0.0
16/11/2023 20:20	3.0	261	43	5.8	0.0
16/11/2023 20:30	2.8	234	42	5.1	0.0
16/11/2023 20:40	2.6	235	49	5.3	0.0
16/11/2023 20:50	2.4	261	56	5.5	0.0
16/11/2023 21:00	2.7	261	36	5.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
16/11/2023 21:10	2.4	259	43	4.8	0.0
16/11/2023 21:20	2.3	241	45	4.0	0.0
16/11/2023 21:30	2.0	236	56	4.9	0.0
16/11/2023 21:40	1.9	248	63	3.9	0.0
16/11/2023 21:50	2.1	241	56	5.6	0.0
16/11/2023 22:00	2.6	243	49	5.2	0.0
16/11/2023 22:10	2.3	230	56	4.4	0.0
16/11/2023 22:20	2.4	260	53	4.4	0.0
16/11/2023 22:30	2.6	238	34	4.1	0.0
16/11/2023 22:40	2.0	259	50	4.8	0.0
16/11/2023 22:50	2.0	246	37	3.9	0.0
16/11/2023 23:00	2.1	211	48	3.6	0.0
16/11/2023 23:10	2.0	238	46	4.6	0.0
16/11/2023 23:20	2.0	234	40	3.6	0.0
16/11/2023 23:30	1.9	229	59	4.0	0.0
16/11/2023 23:40	1.8	213	51	3.4	0.0
16/11/2023 23:50	2.0	214	36	3.2	0.0
17/11/2023 0:00	1.9	213	43	3.2	0.0
17/11/2023 0:10	2.4	248	43	4.8	0.0
17/11/2023 0:20	1.7	233	53	4.3	0.0
17/11/2023 0:30	2.0	227	48	4.7	0.0
17/11/2023 0:40	2.0	231	46	4.0	0.0
17/11/2023 0:50	1.9	209	49	4.0	0.0
17/11/2023 1:00	2.1	223	47	5.0	0.0
17/11/2023 1:10	2.2	216	47	4.0	0.0
17/11/2023 1:20	2.5	243	43	4.8	0.0
17/11/2023 1:30	2.7	245	40	4.8	0.0
17/11/2023 1:40	2.2	232	45	5.1	0.0
17/11/2023 1:50	2.2	235	50	4.5	0.0
17/11/2023 2:00	2.3	220	40	4.5	0.0
17/11/2023 2:10	2.4	258	47	4.8	0.0
17/11/2023 2:20	3.1	261	33	5.6	0.0
17/11/2023 2:30	1.9	272	72	4.2	0.0
17/11/2023 2:40	2.2	252	51	5.4	0.0
17/11/2023 2:50	2.0	249	55	3.8	0.0
17/11/2023 3:00	2.2	255	46	3.9	0.0
17/11/2023 3:10	2.3	260	38	4.0	0.0
17/11/2023 3:20	2.3	251	50	4.8	0.0
17/11/2023 3:30	2.5	252	45	4.9	0.0
17/11/2023 3:40	2.6	263	37	4.7	0.0
17/11/2023 3:50	2.1	246	57	4.8	0.0
17/11/2023 4:00	1.6	265	70	3.5	0.0
17/11/2023 4:10	1.9	258	58	3.2	0.0
17/11/2023 4:20	1.9	227	61	3.6	0.0
17/11/2023 4:30	1.9	247	65	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 4:40	1.6	266	66	3.6	0.0
17/11/2023 4:50	1.9	256	42	3.5	0.0
17/11/2023 5:00	2.3	246	51	4.2	0.0
17/11/2023 5:10	2.1	227	62	4.1	0.0
17/11/2023 5:20	2.1	255	56	4.8	0.0
17/11/2023 5:30	2.2	226	44	4.5	0.0
17/11/2023 5:40	1.7	263	75	3.3	0.0
17/11/2023 5:50	2.2	260	52	4.4	0.0
17/11/2023 6:00	2.0	260	64	4.5	0.0
17/11/2023 6:10	2.0	247	53	4.2	0.0
17/11/2023 6:20	2.1	241	54	4.3	0.0
17/11/2023 6:30	2.4	253	56	5.2	0.0
17/11/2023 6:40	1.7	219	67	3.7	0.0
17/11/2023 6:50	1.6	177	70	3.3	0.0
17/11/2023 7:00	2.3	225	54	3.9	0.0
17/11/2023 7:10	2.2	222	54	4.0	0.0
17/11/2023 7:20	2.6	240	45	4.7	0.0
17/11/2023 7:30	2.4	234	43	4.7	0.0
17/11/2023 7:40	2.1	245	47	4.1	0.0
17/11/2023 7:50	2.3	247	36	4.2	0.0
17/11/2023 8:00	2.3	225	45	3.9	0.0
17/11/2023 8:10	2.2	205	41	4.0	0.0
17/11/2023 8:20	2.7	211	35	4.9	0.0
17/11/2023 8:30	2.5	239	33	4.6	0.0
17/11/2023 8:40	2.8	256	30	4.9	0.0
17/11/2023 8:50	2.8	240	35	5.0	0.0
17/11/2023 9:00	2.7	252	33	4.9	0.0
17/11/2023 9:10	2.8	261	37	4.8	0.0
17/11/2023 9:20	3.1	272	28	4.8	0.0
17/11/2023 9:30	3.3	274	24	5.3	0.0
17/11/2023 9:40	3.6	269	24	5.5	0.0
17/11/2023 9:50	3.8	277	21	5.6	0.0
17/11/2023 10:00	4.0	272	20	6.4	0.0
17/11/2023 10:10	3.8	275	23	6.7	0.0
17/11/2023 10:20	4.1	274	20	6.6	0.0
17/11/2023 10:30	3.9	272	22	5.8	0.0
17/11/2023 10:40	4.1	276	26	6.4	0.0
17/11/2023 10:50	4.3	268	24	6.8	0.0
17/11/2023 11:00	4.2	270	22	6.0	0.0
17/11/2023 11:10	4.3	274	21	7.0	0.0
17/11/2023 11:20	4.1	268	22	6.1	0.0
17/11/2023 11:30	4.1	273	23	6.7	0.0
17/11/2023 11:40	4.4	282	21	7.7	0.0
17/11/2023 11:50	4.5	269	19	7.5	0.0
17/11/2023 12:00	4.6	279	23	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 12:10	4.6	278	18	7.0	0.0
17/11/2023 12:20	4.6	277	24	7.6	0.0
17/11/2023 12:30	4.5	276	23	6.7	0.0
17/11/2023 12:40	4.8	273	20	7.6	0.0
17/11/2023 12:50	5.0	273	20	6.8	0.0
17/11/2023 13:00	4.9	275	20	7.5	0.0
17/11/2023 13:10	4.9	273	22	7.6	0.0
17/11/2023 13:20	5.0	275	21	7.5	0.0
17/11/2023 13:30	5.0	271	22	8.4	0.0
17/11/2023 13:40	4.4	278	21	7.2	0.0
17/11/2023 13:50	4.8	294	22	7.5	0.0
17/11/2023 14:00	4.9	286	19	7.5	0.0
17/11/2023 14:10	5.1	276	20	7.5	0.0
17/11/2023 14:20	4.7	277	21	7.4	0.0
17/11/2023 14:30	4.8	273	22	7.5	0.0
17/11/2023 14:40	3.4	258	39	6.4	0.0
17/11/2023 14:50	4.5	271	25	7.3	0.0
17/11/2023 15:00	4.5	273	23	7.5	0.0
17/11/2023 15:10	4.5	272	31	7.7	0.0
17/11/2023 15:20	4.3	273	29	6.9	0.0
17/11/2023 15:30	4.8	270	26	7.4	0.0
17/11/2023 15:40	4.9	273	21	7.7	0.0
17/11/2023 15:50	4.2	268	29	7.2	0.0
17/11/2023 16:00	4.3	276	22	6.6	0.0
17/11/2023 16:10	4.2	268	34	7.0	0.0
17/11/2023 16:20	4.8	268	24	8.3	0.0
17/11/2023 16:30	5.6	267	19	8.7	0.0
17/11/2023 16:40	4.9	272	25	7.9	0.0
17/11/2023 16:50	5.7	270	22	8.6	0.0
17/11/2023 17:00	5.1	271	21	7.7	0.0
17/11/2023 17:10	5.2	271	25	8.7	0.0
17/11/2023 17:20	5.0	269	21	8.4	0.0
17/11/2023 17:30	5.0	273	21	7.8	0.0
17/11/2023 17:40	4.9	270	22	7.5	0.0
17/11/2023 17:50	5.0	268	23	7.7	0.0
17/11/2023 18:00	4.4	269	24	6.8	0.0
17/11/2023 18:10	4.6	272	19	7.5	0.0
17/11/2023 18:20	4.6	268	22	8.2	0.0
17/11/2023 18:30	4.5	269	23	6.8	0.0
17/11/2023 18:40	4.2	264	23	7.0	0.0
17/11/2023 18:50	4.3	270	21	6.7	0.0
17/11/2023 19:00	4.3	271	24	7.3	0.0
17/11/2023 19:10	3.9	258	35	6.8	0.0
17/11/2023 19:20	3.6	265	28	6.6	0.0
17/11/2023 19:30	4.0	263	31	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
17/11/2023 19:40	3.0	266	48	6.3	0.0
17/11/2023 19:50	3.7	265	38	6.8	0.0
17/11/2023 20:00	3.8	269	29	6.4	0.0
17/11/2023 20:10	3.7	270	33	6.5	0.0
17/11/2023 20:20	3.0	259	44	5.4	0.0
17/11/2023 20:30	2.9	258	53	6.0	0.0
17/11/2023 20:40	2.3	248	54	5.1	0.0
17/11/2023 20:50	3.2	253	39	5.4	0.0
17/11/2023 21:00	3.0	251	43	6.1	0.0
17/11/2023 21:10	2.7	260	41	6.0	0.0
17/11/2023 21:20	2.7	246	40	5.4	0.0
17/11/2023 21:30	3.1	260	31	5.5	0.0
17/11/2023 21:40	2.6	263	42	5.0	0.0
17/11/2023 21:50	2.0	250	62	3.8	0.0
17/11/2023 22:00	2.5	246	45	4.8	0.0
17/11/2023 22:10	2.3	252	58	4.4	0.0
17/11/2023 22:20	1.9	227	64	4.1	0.0
17/11/2023 22:30	2.2	253	49	3.9	0.0
17/11/2023 22:40	2.3	241	52	4.7	0.0
17/11/2023 22:50	1.6	253	63	4.1	0.0
17/11/2023 23:00	2.1	254	44	3.7	0.0
17/11/2023 23:10	2.1	255	55	4.5	0.0
17/11/2023 23:20	2.2	240	72	5.0	0.0
17/11/2023 23:30	1.9	284	70	4.0	0.0
17/11/2023 23:40	1.8	266	62	4.5	0.0
17/11/2023 23:50	1.4	199	44	3.1	0.0
18/11/2023 0:00	1.8	219	40	3.6	0.0
18/11/2023 0:10	1.7	221	50	3.4	0.0
18/11/2023 0:20	1.9	228	54	4.1	0.0
18/11/2023 0:30	2.1	224	54	4.2	0.0
18/11/2023 0:40	2.3	230	56	4.8	0.0
18/11/2023 0:50	2.0	234	68	3.8	0.0
18/11/2023 1:00	1.7	229	82	3.6	0.0
18/11/2023 1:10	1.7	186	79	3.9	0.0
18/11/2023 1:20	1.6	268	91	4.0	0.0
18/11/2023 1:30	1.8	181	53	3.6	0.0
18/11/2023 1:40	2.0	199	57	4.4	0.0
18/11/2023 1:50	1.7	116	86	3.9	0.0
18/11/2023 2:00	2.2	194	52	4.9	0.0
18/11/2023 2:10	2.0	224	57	4.4	0.0
18/11/2023 2:20	1.9	178	48	3.5	0.0
18/11/2023 2:30	1.8	201	61	3.2	0.0
18/11/2023 2:40	1.9	215	63	4.6	0.0
18/11/2023 2:50	1.9	227	68	4.5	0.0
18/11/2023 3:00	1.6	208	58	3.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 3:10	1.9	209	59	4.0	0.0
18/11/2023 3:20	1.7	194	64	3.6	0.0
18/11/2023 3:30	1.3	248	81	3.4	0.0
18/11/2023 3:40	1.8	203	60	3.6	0.0
18/11/2023 3:50	2.1	230	62	4.2	0.0
18/11/2023 4:00	2.0	223	56	3.6	0.0
18/11/2023 4:10	1.8	216	78	4.0	0.0
18/11/2023 4:20	2.2	245	45	4.7	0.0
18/11/2023 4:30	2.0	279	55	4.0	0.0
18/11/2023 4:40	1.8	232	65	4.1	0.0
18/11/2023 4:50	2.3	231	47	4.3	0.0
18/11/2023 5:00	1.7	226	57	3.9	0.0
18/11/2023 5:10	1.4	198	62	3.8	0.0
18/11/2023 5:20	1.4	214	74	3.9	0.0
18/11/2023 5:30	1.8	235	50	4.0	0.0
18/11/2023 5:40	1.8	230	51	4.0	0.0
18/11/2023 5:50	1.6	238	58	2.9	0.0
18/11/2023 6:00	1.5	198	64	3.6	0.0
18/11/2023 6:10	1.8	198	48	3.2	0.0
18/11/2023 6:20	2.0	212	48	4.1	0.0
18/11/2023 6:30	2.2	245	55	4.5	0.0
18/11/2023 6:40	1.9	266	49	3.9	0.0
18/11/2023 6:50	2.1	245	50	4.3	0.0
18/11/2023 7:00	1.8	244	59	3.6	0.0
18/11/2023 7:10	2.2	226	49	3.9	0.0
18/11/2023 7:20	1.8	213	50	4.4	0.0
18/11/2023 7:30	2.3	222	33	4.2	0.0
18/11/2023 7:40	2.4	217	38	4.4	0.0
18/11/2023 7:50	2.2	235	41	4.2	0.0
18/11/2023 8:00	2.5	239	37	4.4	0.0
18/11/2023 8:10	2.3	245	32	4.0	0.0
18/11/2023 8:20	2.4	245	41	4.2	0.0
18/11/2023 8:30	2.4	250	34	4.0	0.0
18/11/2023 8:40	2.8	220	28	5.9	0.0
18/11/2023 8:50	2.1	222	47	3.8	0.0
18/11/2023 9:00	2.4	227	40	4.4	0.0
18/11/2023 9:10	2.5	231	36	4.4	0.0
18/11/2023 9:20	2.7	261	27	4.5	0.0
18/11/2023 9:30	2.9	270	31	5.0	0.0
18/11/2023 9:40	3.5	275	23	5.6	0.0
18/11/2023 9:50	3.6	281	22	5.2	0.0
18/11/2023 10:00	4.1	286	22	6.3	0.0
18/11/2023 10:10	3.9	284	22	6.1	0.0
18/11/2023 10:20	3.6	272	21	5.7	0.0
18/11/2023 10:30	3.8	280	24	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 10:40	3.9	280	21	6.4	0.0
18/11/2023 10:50	3.7	277	25	6.0	0.0
18/11/2023 11:00	3.9	274	22	6.0	0.0
18/11/2023 11:10	3.9	279	22	5.7	0.0
18/11/2023 11:20	3.9	274	18	6.1	0.0
18/11/2023 11:30	4.0	281	20	6.3	0.0
18/11/2023 11:40	4.1	276	21	6.4	0.0
18/11/2023 11:50	4.2	267	20	6.6	0.0
18/11/2023 12:00	4.2	279	22	6.7	0.0
18/11/2023 12:10	4.5	272	19	6.8	0.0
18/11/2023 12:20	4.4	275	19	6.5	0.0
18/11/2023 12:30	4.8	274	17	6.8	0.0
18/11/2023 12:40	4.6	273	18	7.4	0.0
18/11/2023 12:50	4.1	276	21	6.4	0.0
18/11/2023 13:00	4.1	276	21	6.4	0.0
18/11/2023 13:10	4.6	277	18	6.5	0.0
18/11/2023 13:20	4.0	276	19	6.8	0.0
18/11/2023 13:30	4.3	278	20	6.4	0.0
18/11/2023 13:40	4.4	271	19	7.3	0.0
18/11/2023 13:50	4.3	272	19	6.8	0.0
18/11/2023 14:00	4.4	277	18	6.5	0.0
18/11/2023 14:10	4.1	273	21	6.3	0.0
18/11/2023 14:20	4.5	277	19	7.0	0.0
18/11/2023 14:30	4.5	284	18	6.9	0.0
18/11/2023 14:40	4.1	283	25	6.3	0.0
18/11/2023 14:50	4.3	278	22	6.4	0.0
18/11/2023 15:00	4.3	278	19	6.3	0.0
18/11/2023 15:10	4.6	270	18	6.8	0.0
18/11/2023 15:20	4.7	276	18	7.4	0.0
18/11/2023 15:30	4.8	275	18	6.8	0.0
18/11/2023 15:40	4.5	278	21	7.0	0.0
18/11/2023 15:50	4.6	275	19	6.3	0.0
18/11/2023 16:00	4.2	279	17	6.0	0.0
18/11/2023 16:10	4.5	275	18	6.8	0.0
18/11/2023 16:20	4.7	275	17	6.8	0.0
18/11/2023 16:30	4.7	275	16	6.6	0.0
18/11/2023 16:40	4.6	274	16	6.6	0.0
18/11/2023 16:50	4.5	271	17	6.7	0.0
18/11/2023 17:00	4.5	269	20	6.5	0.0
18/11/2023 17:10	4.0	270	22	6.1	0.0
18/11/2023 17:20	4.0	272	19	5.9	0.0
18/11/2023 17:30	4.0	270	22	6.4	0.0
18/11/2023 17:40	4.0	273	18	6.1	0.0
18/11/2023 17:50	2.9	272	38	5.0	0.0
18/11/2023 18:00	2.8	253	34	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
18/11/2023 18:10	3.2	261	33	6.2	0.0
18/11/2023 18:20	3.6	267	28	6.8	0.0
18/11/2023 18:30	3.3	267	27	6.0	0.0
18/11/2023 18:40	3.1	255	32	4.9	0.0
18/11/2023 18:50	2.9	265	27	5.2	0.0
18/11/2023 19:00	3.0	253	27	4.8	0.0
18/11/2023 19:10	3.6	268	23	5.6	0.0
18/11/2023 19:20	3.1	270	26	5.4	0.0
18/11/2023 19:30	3.2	276	28	5.2	0.0
18/11/2023 19:40	2.9	261	24	4.4	0.0
18/11/2023 19:50	2.7	271	26	4.3	0.0
18/11/2023 20:00	2.5	275	25	4.2	0.0
18/11/2023 20:10	2.7	246	45	4.4	0.0
18/11/2023 20:20	2.5	271	31	4.4	0.0
18/11/2023 20:30	2.8	275	27	5.3	0.0
18/11/2023 20:40	3.0	272	26	5.6	0.0
18/11/2023 20:50	3.3	273	26	5.6	0.0
18/11/2023 21:00	2.5	271	38	4.5	0.0
18/11/2023 21:10	2.5	266	35	4.0	0.0
18/11/2023 21:20	2.7	264	33	4.8	0.0
18/11/2023 21:30	2.4	266	55	4.8	0.0
18/11/2023 21:40	2.4	260	43	5.4	0.0
18/11/2023 21:50	2.5	240	47	5.0	0.0
18/11/2023 22:00	2.3	255	39	4.3	0.0
18/11/2023 22:10	1.8	237	64	3.7	0.0
18/11/2023 22:20	2.0	263	54	4.8	0.0
18/11/2023 22:30	3.1	266	31	6.0	0.0
18/11/2023 22:40	2.6	268	45	4.3	0.0
18/11/2023 22:50	2.7	255	32	5.0	0.0
18/11/2023 23:00	2.2	270	41	4.8	0.0
18/11/2023 23:10	2.1	267	44	4.0	0.0
18/11/2023 23:20	2.2	271	33	3.8	0.0
18/11/2023 23:30	2.0	271	52	3.9	0.0
18/11/2023 23:40	2.2	266	37	3.8	0.0
18/11/2023 23:50	1.9	268	38	3.6	0.0
19/11/2023 0:00	2.2	272	29	3.6	0.0
19/11/2023 0:10	1.9	272	39	4.0	0.0
19/11/2023 0:20	2.2	277	22	3.7	0.0
19/11/2023 0:30	2.6	277	27	3.9	0.0
19/11/2023 0:40	2.7	277	25	4.7	0.0
19/11/2023 0:50	2.3	276	24	4.0	0.0
19/11/2023 1:00	2.5	275	25	3.9	0.0
19/11/2023 1:10	2.3	269	37	4.8	0.0
19/11/2023 1:20	2.3	266	39	4.5	0.0
19/11/2023 1:30	1.7	249	52	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 1:40	2.5	267	31	4.0	0.0
19/11/2023 1:50	2.3	268	34	4.1	0.0
19/11/2023 2:00	2.0	280	22	3.5	0.0
19/11/2023 2:10	2.5	283	18	3.8	0.0
19/11/2023 2:20	2.7	280	17	4.1	0.0
19/11/2023 2:30	1.8	264	51	3.6	0.0
19/11/2023 2:40	1.6	259	50	3.5	0.0
19/11/2023 2:50	1.7	264	36	3.2	0.0
19/11/2023 3:00	1.9	258	38	4.4	0.0
19/11/2023 3:10	1.6	256	57	3.8	0.0
19/11/2023 3:20	1.9	266	31	3.0	0.0
19/11/2023 3:30	1.7	245	52	3.6	0.0
19/11/2023 3:40	1.5	261	56	3.2	0.0
19/11/2023 3:50	1.9	264	50	3.8	0.0
19/11/2023 4:00	1.0	218	71	2.8	0.0
19/11/2023 4:10	1.4	246	51	3.4	0.0
19/11/2023 4:20	1.1	224	48	3.0	0.0
19/11/2023 4:30	1.2	254	44	2.4	0.0
19/11/2023 4:40	1.9	260	28	3.3	0.0
19/11/2023 4:50	1.9	258	28	3.3	0.0
19/11/2023 5:00	2.3	251	29	3.5	0.0
19/11/2023 5:10	2.3	258	23	3.6	0.0
19/11/2023 5:20	2.0	254	31	3.8	0.0
19/11/2023 5:30	1.9	258	24	3.2	0.0
19/11/2023 5:40	2.5	254	21	3.8	0.0
19/11/2023 5:50	2.7	256	17	4.4	0.0
19/11/2023 6:00	2.8	257	17	4.9	0.0
19/11/2023 6:10	2.9	260	13	4.8	0.0
19/11/2023 6:20	2.4	258	17	3.6	0.0
19/11/2023 6:30	2.2	254	16	3.3	0.0
19/11/2023 6:40	2.3	246	27	3.9	0.0
19/11/2023 6:50	2.6	235	23	4.9	0.0
19/11/2023 7:00	2.9	215	29	4.7	0.0
19/11/2023 7:10	3.1	212	23	5.3	0.0
19/11/2023 7:20	2.3	218	31	3.6	0.0
19/11/2023 7:30	2.5	213	33	4.4	0.0
19/11/2023 7:40	2.7	216	24	4.0	0.0
19/11/2023 7:50	2.9	208	20	4.1	0.0
19/11/2023 8:00	2.8	204	16	4.6	0.0
19/11/2023 8:10	2.3	217	25	3.5	0.0
19/11/2023 8:20	1.9	212	23	3.0	0.0
19/11/2023 8:30	2.0	212	21	3.0	0.0
19/11/2023 8:40	2.4	210	21	3.6	0.0
19/11/2023 8:50	1.9	218	25	3.2	0.0
19/11/2023 9:00	2.0	208	25	3.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 9:10	1.9	199	29	3.3	0.0
19/11/2023 9:20	1.9	252	40	3.2	0.0
19/11/2023 9:30	2.3	257	18	3.2	0.0
19/11/2023 9:40	2.3	270	19	3.2	0.0
19/11/2023 9:50	2.1	271	24	3.2	0.0
19/11/2023 10:00	2.0	269	22	3.2	0.0
19/11/2023 10:10	2.4	261	19	3.4	0.0
19/11/2023 10:20	2.8	264	19	3.8	0.0
19/11/2023 10:30	3.1	269	19	4.3	0.0
19/11/2023 10:40	3.0	266	17	4.0	0.0
19/11/2023 10:50	3.2	259	15	4.4	0.0
19/11/2023 11:00	3.1	276	21	4.6	0.0
19/11/2023 11:10	3.2	301	22	5.0	0.0
19/11/2023 11:20	3.2	299	21	4.7	0.0
19/11/2023 11:30	3.7	296	20	5.5	0.0
19/11/2023 11:40	3.5	291	24	5.9	0.0
19/11/2023 11:50	4.0	285	24	5.8	0.0
19/11/2023 12:00	4.1	275	19	6.0	0.0
19/11/2023 12:10	3.9	291	23	6.0	0.0
19/11/2023 12:20	4.1	288	19	6.2	0.0
19/11/2023 12:30	4.2	288	22	6.5	0.0
19/11/2023 12:40	3.9	288	22	5.2	0.0
19/11/2023 12:50	3.7	289	20	5.8	0.0
19/11/2023 13:00	3.9	291	22	6.0	0.0
19/11/2023 13:10	4.1	296	21	6.3	0.0
19/11/2023 13:20	3.4	285	23	5.6	0.0
19/11/2023 13:30	3.9	299	21	5.6	0.0
19/11/2023 13:40	3.7	287	22	6.0	0.0
19/11/2023 13:50	4.0	277	19	5.6	0.0
19/11/2023 14:00	3.9	269	19	5.8	0.0
19/11/2023 14:10	3.8	272	20	5.9	0.0
19/11/2023 14:20	3.8	277	20	5.9	0.0
19/11/2023 14:30	4.0	285	22	6.8	0.0
19/11/2023 14:40	4.1	282	16	6.4	0.0
19/11/2023 14:50	3.7	265	20	5.8	0.0
19/11/2023 15:00	3.9	268	19	5.6	0.0
19/11/2023 15:10	3.9	281	25	6.1	0.0
19/11/2023 15:20	4.4	296	19	6.3	0.0
19/11/2023 15:30	4.2	301	20	6.6	0.0
19/11/2023 15:40	4.7	300	19	7.2	0.0
19/11/2023 15:50	5.4	301	15	7.5	0.0
19/11/2023 16:00	4.1	289	24	7.0	0.0
19/11/2023 16:10	4.4	296	21	7.1	0.0
19/11/2023 16:20	4.5	294	21	6.9	0.0
19/11/2023 16:30	4.7	298	18	7.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
19/11/2023 16:40	4.3	289	23	6.6	0.0
19/11/2023 16:50	4.9	302	17	7.9	0.0
19/11/2023 17:00	4.5	292	23	7.1	0.0
19/11/2023 17:10	4.0	281	21	6.4	0.0
19/11/2023 17:20	3.9	278	21	5.9	0.0
19/11/2023 17:30	4.0	285	21	6.4	0.0
19/11/2023 17:40	3.7	277	21	6.0	0.0
19/11/2023 17:50	3.5	272	20	5.3	0.0
19/11/2023 18:00	3.7	282	19	5.2	0.0
19/11/2023 18:10	3.9	276	20	6.1	0.0
19/11/2023 18:20	3.9	275	17	5.8	0.0
19/11/2023 18:30	3.9	276	21	5.7	0.0
19/11/2023 18:40	3.5	272	18	5.2	0.0
19/11/2023 18:50	4.1	273	19	5.8	0.0
19/11/2023 19:00	4.1	270	21	6.5	0.0
19/11/2023 19:10	4.0	270	18	6.0	0.0
19/11/2023 19:20	4.1	275	19	6.6	0.0
19/11/2023 19:30	4.0	273	21	5.9	0.0
19/11/2023 19:40	4.1	271	22	6.2	0.0
19/11/2023 19:50	4.1	273	19	6.3	0.0
19/11/2023 20:00	3.8	270	22	6.2	0.0
19/11/2023 20:10	4.0	272	21	6.6	0.0
19/11/2023 20:20	4.3	272	22	6.2	0.0
19/11/2023 20:30	3.9	262	28	6.7	0.0
19/11/2023 20:40	4.0	270	30	6.4	0.0
19/11/2023 20:50	3.6	273	24	6.0	0.0
19/11/2023 21:00	3.7	270	33	6.7	0.0
19/11/2023 21:10	2.7	267	51	5.0	0.0
19/11/2023 21:20	2.5	262	58	4.8	0.0
19/11/2023 21:30	2.5	252	54	5.3	0.0
19/11/2023 21:40	1.9	243	60	5.0	0.0
19/11/2023 21:50	2.7	258	47	5.7	0.0
19/11/2023 22:00	3.1	253	35	5.2	0.0
19/11/2023 22:10	3.3	258	37	6.8	0.0
19/11/2023 22:20	3.1	243	36	6.0	0.0
19/11/2023 22:30	3.0	248	43	5.0	0.0
19/11/2023 22:40	3.5	249	35	6.4	0.0
19/11/2023 22:50	2.8	247	40	5.2	0.0
19/11/2023 23:00	2.7	250	49	5.5	0.0
19/11/2023 23:10	3.3	259	32	5.9	0.0
19/11/2023 23:20	3.0	257	41	6.6	0.0
19/11/2023 23:30	2.7	252	33	4.8	0.0
19/11/2023 23:40	2.7	242	41	4.8	0.0
19/11/2023 23:50	3.3	261	32	5.7	0.0
20/11/2023 0:00	3.5	262	24	5.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 0:10	2.7	262	33	4.4	0.0
20/11/2023 0:20	2.7	258	33	5.1	0.0
20/11/2023 0:30	2.2	226	49	4.4	0.0
20/11/2023 0:40	2.1	258	47	4.0	0.0
20/11/2023 0:50	2.1	225	54	4.4	0.0
20/11/2023 1:00	2.1	247	53	4.6	0.0
20/11/2023 1:10	1.9	222	78	4.0	0.0
20/11/2023 1:20	2.4	247	46	4.8	0.0
20/11/2023 1:30	2.3	238	59	6.4	0.0
20/11/2023 1:40	2.0	262	72	5.0	0.0
20/11/2023 1:50	2.6	225	49	5.6	0.0
20/11/2023 2:00	2.2	235	50	4.4	0.0
20/11/2023 2:10	2.0	208	68	4.0	0.0
20/11/2023 2:20	2.4	207	49	5.4	0.0
20/11/2023 2:30	2.7	211	43	5.4	0.0
20/11/2023 2:40	2.8	227	50	5.6	0.0
20/11/2023 2:50	2.4	247	54	4.5	0.0
20/11/2023 3:00	1.8	225	67	4.0	0.0
20/11/2023 3:10	3.3	240	32	5.6	0.0
20/11/2023 3:20	3.2	247	26	5.5	0.0
20/11/2023 3:30	2.1	217	59	4.0	0.0
20/11/2023 3:40	2.5	234	56	4.8	0.0
20/11/2023 3:50	2.3	239	46	4.0	0.0
20/11/2023 4:00	2.0	252	51	4.1	0.0
20/11/2023 4:10	2.6	214	40	4.6	0.0
20/11/2023 4:20	3.2	252	31	5.6	0.0
20/11/2023 4:30	2.4	230	51	4.4	0.0
20/11/2023 4:40	2.5	242	45	4.4	0.0
20/11/2023 4:50	2.2	234	49	4.8	0.0
20/11/2023 5:00	3.9	203	26	6.1	0.0
20/11/2023 5:10	3.8	204	26	5.7	0.0
20/11/2023 5:20	2.9	214	41	5.7	0.0
20/11/2023 5:30	1.8	257	50	3.3	0.0
20/11/2023 5:40	2.5	259	22	4.0	0.0
20/11/2023 5:50	2.5	269	31	4.0	0.0
20/11/2023 6:00	1.6	279	43	3.0	0.0
20/11/2023 6:10	1.9	292	28	2.8	0.0
20/11/2023 6:20	1.6	288	26	2.4	0.0
20/11/2023 6:30	1.7	303	18	2.5	0.0
20/11/2023 6:40	1.3	280	32	3.2	0.0
20/11/2023 6:50	2.1	245	30	3.5	0.0
20/11/2023 7:00	1.9	240	37	3.6	0.0
20/11/2023 7:10	2.0	213	52	4.0	0.0
20/11/2023 7:20	3.3	200	21	4.9	0.0
20/11/2023 7:30	3.9	197	15	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 7:40	3.9	201	14	5.8	0.0
20/11/2023 7:50	4.0	198	15	6.2	0.0
20/11/2023 8:00	4.1	201	15	5.8	0.0
20/11/2023 8:10	4.5	198	15	6.8	0.0
20/11/2023 8:20	4.4	201	12	6.8	0.0
20/11/2023 8:30	4.1	204	13	6.4	0.0
20/11/2023 8:40	4.6	198	13	6.4	0.0
20/11/2023 8:50	3.8	202	16	5.8	0.0
20/11/2023 9:00	4.1	205	17	6.1	0.0
20/11/2023 9:10	4.2	203	16	6.2	0.0
20/11/2023 9:20	4.5	197	17	6.7	0.0
20/11/2023 9:30	4.3	201	19	6.8	0.0
20/11/2023 9:40	3.9	207	21	6.0	0.0
20/11/2023 9:50	4.4	204	19	6.4	0.0
20/11/2023 10:00	4.8	201	16	7.5	0.0
20/11/2023 10:10	4.7	203	16	7.1	0.0
20/11/2023 10:20	4.5	203	20	6.4	0.0
20/11/2023 10:30	3.5	220	27	6.2	0.0
20/11/2023 10:40	4.3	201	21	6.4	0.0
20/11/2023 10:50	4.4	204	21	6.5	0.0
20/11/2023 11:00	3.3	208	29	5.6	0.0
20/11/2023 11:10	3.2	216	30	6.3	0.0
20/11/2023 11:20	2.5	234	52	4.1	0.0
20/11/2023 11:30	2.6	285	25	4.0	0.0
20/11/2023 11:40	3.3	300	21	5.0	0.0
20/11/2023 11:50	3.1	288	22	4.3	0.0
20/11/2023 12:00	1.6	265	42	3.0	0.0
20/11/2023 12:10	3.1	272	21	4.9	0.0
20/11/2023 12:20	3.3	282	25	5.2	0.0
20/11/2023 12:30	4.0	303	29	5.9	0.0
20/11/2023 12:40	3.6	319	23	5.2	0.0
20/11/2023 12:50	3.9	327	26	5.7	0.0
20/11/2023 13:00	5.5	350	16	7.4	0.0
20/11/2023 13:10	5.4	333	16	7.8	0.0
20/11/2023 13:20	4.8	335	18	7.2	0.0
20/11/2023 13:30	6.1	355	19	9.0	0.0
20/11/2023 13:40	5.7	346	15	7.9	0.0
20/11/2023 13:50	4.7	332	18	6.6	0.0
20/11/2023 14:00	4.3	327	14	6.2	0.0
20/11/2023 14:10	5.4	332	16	7.9	0.0
20/11/2023 14:20	4.6	321	20	7.2	0.0
20/11/2023 14:30	4.9	327	15	7.3	0.0
20/11/2023 14:40	6.4	331	13	8.3	0.0
20/11/2023 14:50	5.2	328	17	7.7	0.0
20/11/2023 15:00	5.6	326	13	7.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 15:10	4.5	320	14	6.2	0.0
20/11/2023 15:20	4.4	312	18	6.6	0.0
20/11/2023 15:30	5.6	325	13	8.2	0.0
20/11/2023 15:40	5.6	322	12	7.2	0.0
20/11/2023 15:50	4.0	297	21	6.2	0.0
20/11/2023 16:00	4.3	298	18	6.5	0.0
20/11/2023 16:10	3.9	301	22	6.0	0.0
20/11/2023 16:20	3.6	287	19	5.6	0.0
20/11/2023 16:30	3.5	295	19	5.6	0.0
20/11/2023 16:40	3.6	294	21	5.3	0.0
20/11/2023 16:50	3.7	301	19	5.4	0.0
20/11/2023 17:00	4.0	310	19	5.6	0.0
20/11/2023 17:10	3.9	299	19	6.0	0.0
20/11/2023 17:20	3.7	308	20	5.7	0.0
20/11/2023 17:30	3.7	300	21	5.6	0.0
20/11/2023 17:40	3.6	272	21	5.2	0.0
20/11/2023 17:50	3.0	274	23	4.8	0.0
20/11/2023 18:00	3.9	273	20	5.8	0.0
20/11/2023 18:10	4.6	274	17	7.2	0.0
20/11/2023 18:20	3.8	243	43	7.0	0.0
20/11/2023 18:30	3.3	249	38	6.5	0.0
20/11/2023 18:40	3.5	266	39	6.7	0.0
20/11/2023 18:50	2.6	268	49	5.9	0.0
20/11/2023 19:00	2.9	264	46	5.4	0.0
20/11/2023 19:10	3.5	268	34	6.1	0.0
20/11/2023 19:20	3.5	269	23	5.4	0.0
20/11/2023 19:30	3.6	270	27	5.5	0.0
20/11/2023 19:40	3.8	275	26	6.4	0.0
20/11/2023 19:50	3.9	269	25	6.1	0.0
20/11/2023 20:00	3.5	274	19	5.2	0.0
20/11/2023 20:10	3.3	280	22	5.6	0.0
20/11/2023 20:20	3.4	279	20	6.1	0.0
20/11/2023 20:30	3.2	278	27	5.2	0.0
20/11/2023 20:40	2.0	259	52	4.3	0.0
20/11/2023 20:50	2.6	255	45	5.1	0.0
20/11/2023 21:00	2.7	270	36	5.3	0.0
20/11/2023 21:10	3.0	260	30	4.9	0.0
20/11/2023 21:20	2.4	262	48	5.1	0.0
20/11/2023 21:30	2.0	257	46	3.8	0.0
20/11/2023 21:40	2.7	211	41	5.3	0.0
20/11/2023 21:50	2.5	231	36	5.3	0.0
20/11/2023 22:00	2.3	255	53	5.3	0.0
20/11/2023 22:10	2.9	259	31	4.8	0.0
20/11/2023 22:20	2.5	257	45	4.4	0.0
20/11/2023 22:30	2.4	264	49	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
20/11/2023 22:40	1.7	263	58	4.3	0.0
20/11/2023 22:50	1.7	233	58	4.6	0.0
20/11/2023 23:00	2.1	212	54	4.6	0.0
20/11/2023 23:10	2.2	215	43	4.1	0.0
20/11/2023 23:20	2.9	223	35	6.1	0.0
20/11/2023 23:30	2.4	249	50	4.5	0.0
20/11/2023 23:40	2.2	231	49	5.4	0.0
20/11/2023 23:50	2.3	262	38	3.7	0.0
21/11/2023 0:00	2.3	240	51	4.4	0.0
21/11/2023 0:10	2.5	268	25	4.0	0.0
21/11/2023 0:20	1.7	232	62	3.5	0.0
21/11/2023 0:30	2.2	221	61	5.4	0.0
21/11/2023 0:40	2.1	239	61	4.8	0.0
21/11/2023 0:50	1.9	237	76	3.8	0.0
21/11/2023 1:00	2.0	266	58	3.7	0.0
21/11/2023 1:10	1.8	264	70	3.8	0.0
21/11/2023 1:20	2.3	214	48	4.7	0.0
21/11/2023 1:30	1.8	229	77	4.9	0.0
21/11/2023 1:40	1.5	240	61	3.5	0.0
21/11/2023 1:50	1.7	214	52	3.6	0.0
21/11/2023 2:00	1.4	235	54	2.8	0.0
21/11/2023 2:10	1.5	254	25	2.7	0.0
21/11/2023 2:20	2.0	259	20	3.7	0.0
21/11/2023 2:30	2.3	256	20	3.3	0.0
21/11/2023 2:40	1.8	231	28	3.1	0.0
21/11/2023 2:50	2.2	252	22	3.3	0.0
21/11/2023 3:00	2.5	250	16	3.9	0.0
21/11/2023 3:10	2.4	254	18	3.6	0.0
21/11/2023 3:20	2.8	254	14	3.6	0.0
21/11/2023 3:30	2.6	257	16	3.6	0.0
21/11/2023 3:40	2.9	258	13	3.6	0.0
21/11/2023 3:50	3.0	255	11	3.9	0.0
21/11/2023 4:00	2.5	261	12	3.3	0.0
21/11/2023 4:10	2.8	262	11	3.8	0.0
21/11/2023 4:20	3.0	261	10	3.8	0.0
21/11/2023 4:30	3.4	256	10	4.4	0.0
21/11/2023 4:40	2.8	270	11	3.6	0.0
21/11/2023 4:50	2.7	290	11	3.5	0.0
21/11/2023 5:00	2.6	290	15	3.6	0.0
21/11/2023 5:10	1.9	244	19	2.7	0.0
21/11/2023 5:20	1.5	218	25	2.1	0.0
21/11/2023 5:30	2.0	257	14	2.9	0.0
21/11/2023 5:40	1.8	288	10	2.3	0.0
21/11/2023 5:50	1.7	297	12	2.4	0.0
21/11/2023 6:00	2.0	283	13	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 6:10	2.0	274	10	2.7	0.0
21/11/2023 6:20	1.7	267	18	2.8	0.0
21/11/2023 6:30	2.1	254	16	2.9	0.0
21/11/2023 6:40	1.8	270	18	2.8	0.0
21/11/2023 6:50	1.9	275	20	2.8	0.0
21/11/2023 7:00	2.0	273	16	2.8	0.0
21/11/2023 7:10	2.1	263	20	3.2	0.0
21/11/2023 7:20	2.3	272	17	3.8	0.0
21/11/2023 7:30	2.1	273	21	2.8	0.0
21/11/2023 7:40	1.8	277	20	2.8	0.0
21/11/2023 7:50	1.9	269	19	2.8	0.0
21/11/2023 8:00	2.5	271	18	3.6	0.0
21/11/2023 8:10	2.3	260	20	3.3	0.0
21/11/2023 8:20	2.5	263	17	3.4	0.0
21/11/2023 8:30	2.0	253	24	3.1	0.0
21/11/2023 8:40	2.3	261	25	3.3	0.0
21/11/2023 8:50	2.1	266	30	3.6	0.0
21/11/2023 9:00	2.3	272	19	3.3	0.0
21/11/2023 9:10	2.4	273	21	3.6	0.0
21/11/2023 9:20	2.3	275	25	3.6	0.0
21/11/2023 9:30	2.3	256	28	3.5	0.0
21/11/2023 9:40	2.6	274	21	4.0	0.0
21/11/2023 9:50	1.9	255	34	3.0	0.0
21/11/2023 10:00	3.0	204	26	5.1	0.0
21/11/2023 10:10	3.2	202	21	4.8	0.0
21/11/2023 10:20	3.3	200	22	5.2	0.0
21/11/2023 10:30	2.8	202	20	4.4	0.0
21/11/2023 10:40	2.8	233	24	4.1	0.0
21/11/2023 10:50	3.2	281	21	4.5	0.0
21/11/2023 11:00	3.3	290	22	4.9	0.0
21/11/2023 11:10	3.0	263	21	4.5	0.0
21/11/2023 11:20	3.2	282	23	4.8	0.0
21/11/2023 11:30	3.0	279	45	5.5	0.0
21/11/2023 11:40	5.5	46	17	8.9	0.0
21/11/2023 11:50	5.9	35	15	8.4	0.0
21/11/2023 12:00	4.9	39	15	6.9	0.0
21/11/2023 12:10	5.1	50	14	7.4	0.0
21/11/2023 12:20	4.3	27	19	6.4	0.0
21/11/2023 12:30	4.4	343	14	6.3	0.0
21/11/2023 12:40	4.1	336	19	5.7	0.0
21/11/2023 12:50	3.6	320	18	5.0	0.0
21/11/2023 13:00	3.3	294	27	4.8	0.0
21/11/2023 13:10	2.9	318	28	5.3	0.0
21/11/2023 13:20	3.2	322	26	4.9	0.0
21/11/2023 13:30	2.8	300	28	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 13:40	3.3	267	24	4.6	0.0
21/11/2023 13:50	3.4	266	21	4.6	0.0
21/11/2023 14:00	2.5	276	29	4.1	0.0
21/11/2023 14:10	3.3	274	18	4.8	0.0
21/11/2023 14:20	2.8	274	26	4.1	0.0
21/11/2023 14:30	2.8	285	26	4.4	0.0
21/11/2023 14:40	2.3	286	31	3.5	0.0
21/11/2023 14:50	2.8	285	30	4.3	0.0
21/11/2023 15:00	3.1	313	25	4.4	0.0
21/11/2023 15:10	3.3	285	23	4.8	0.0
21/11/2023 15:20	3.1	290	22	4.7	0.0
21/11/2023 15:30	3.3	288	27	5.0	0.0
21/11/2023 15:40	3.8	299	22	5.4	0.0
21/11/2023 15:50	3.6	308	24	5.2	0.0
21/11/2023 16:00	3.5	303	24	6.1	0.0
21/11/2023 16:10	4.4	325	13	6.0	0.0
21/11/2023 16:20	4.1	323	14	5.7	0.0
21/11/2023 16:30	3.9	308	19	5.8	0.0
21/11/2023 16:40	3.1	295	24	4.9	0.0
21/11/2023 16:50	3.9	300	22	6.4	0.0
21/11/2023 17:00	4.0	300	20	6.1	0.0
21/11/2023 17:10	4.0	299	19	5.8	0.0
21/11/2023 17:20	4.0	299	23	6.0	0.0
21/11/2023 17:30	3.3	290	23	4.9	0.0
21/11/2023 17:40	3.0	277	21	4.7	0.0
21/11/2023 17:50	3.4	274	19	5.5	0.0
21/11/2023 18:00	3.2	273	21	5.2	0.0
21/11/2023 18:10	3.1	275	21	4.7	0.0
21/11/2023 18:20	2.9	271	27	4.7	0.0
21/11/2023 18:30	3.8	272	24	6.0	0.0
21/11/2023 18:40	3.1	271	33	5.3	0.0
21/11/2023 18:50	3.1	261	27	5.4	0.0
21/11/2023 19:00	2.7	256	39	4.6	0.0
21/11/2023 19:10	2.4	281	25	4.0	0.0
21/11/2023 19:20	2.4	288	18	3.6	0.0
21/11/2023 19:30	2.1	293	18	3.2	0.0
21/11/2023 19:40	2.3	306	15	3.4	0.0
21/11/2023 19:50	1.8	295	24	3.3	0.0
21/11/2023 20:00	1.5	291	31	2.7	0.0
21/11/2023 20:10	1.4	202	55	2.1	0.0
21/11/2023 20:20	3.4	132	33	8.6	0.0
21/11/2023 20:30	3.1	193	33	5.2	0.0
21/11/2023 20:40	2.7	118	25	4.8	0.0
21/11/2023 20:50	2.0	140	38	4.8	0.0
21/11/2023 21:00	1.5	159	45	3.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
21/11/2023 21:10	1.5	84	31	3.1	0.0
21/11/2023 21:20	0.6	45	13	1.2	0.0
21/11/2023 21:30	0.7	354	15	1.2	0.0
21/11/2023 21:40	0.5	340	11	1.1	0.0
21/11/2023 21:50	0.8	217	46	2.0	0.0
21/11/2023 22:00	1.9	256	18	2.6	0.0
21/11/2023 22:10	2.7	262	10	3.7	0.0
21/11/2023 22:20	2.9	267	11	4.0	0.0
21/11/2023 22:30	2.8	264	11	3.6	0.0
21/11/2023 22:40	2.7	273	12	4.0	0.0
21/11/2023 22:50	2.6	276	14	3.5	0.0
21/11/2023 23:00	2.7	271	15	3.7	0.0
21/11/2023 23:10	2.5	276	15	3.6	0.0
21/11/2023 23:20	2.4	277	18	3.8	0.0
21/11/2023 23:30	2.5	247	28	4.4	0.0
21/11/2023 23:40	2.2	239	38	3.8	0.0
21/11/2023 23:50	2.5	263	29	4.7	0.0
22/11/2023 0:00	2.4	262	36	4.7	0.0
22/11/2023 0:10	2.0	267	24	3.3	0.0
22/11/2023 0:20	1.3	247	64	3.0	0.0
22/11/2023 0:30	1.0	218	55	2.1	0.0
22/11/2023 0:40	1.3	283	43	2.1	0.0
22/11/2023 0:50	1.3	254	42	2.1	0.0
22/11/2023 1:00	1.8	285	14	2.6	0.0
22/11/2023 1:10	2.0	287	14	3.1	0.0
22/11/2023 1:20	1.6	284	33	2.8	0.0
22/11/2023 1:30	1.8	274	34	3.1	0.0
22/11/2023 1:40	1.8	266	34	3.5	0.0
22/11/2023 1:50	2.1	262	34	3.7	0.0
22/11/2023 2:00	1.9	275	46	3.6	0.0
22/11/2023 2:10	2.5	263	36	4.5	0.0
22/11/2023 2:20	2.0	261	42	4.0	0.0
22/11/2023 2:30	1.6	229	59	3.7	0.0
22/11/2023 2:40	1.9	260	42	3.8	0.0
22/11/2023 2:50	1.7	262	60	3.6	0.0
22/11/2023 3:00	2.1	198	35	4.1	0.0
22/11/2023 3:10	2.1	221	52	4.2	0.0
22/11/2023 3:20	1.7	206	49	3.1	0.0
22/11/2023 3:30	1.9	221	61	4.0	0.0
22/11/2023 3:40	1.9	208	46	4.1	0.0
22/11/2023 3:50	1.6	200	47	2.8	0.0
22/11/2023 4:00	1.9	208	41	3.7	0.0
22/11/2023 4:10	2.0	214	37	3.5	0.0
22/11/2023 4:20	2.6	233	29	4.4	0.0
22/11/2023 4:30	2.0	225	42	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 4:40	2.4	213	35	5.0	0.0
22/11/2023 4:50	3.3	207	26	5.9	0.0
22/11/2023 5:00	3.3	210	25	5.0	0.0
22/11/2023 5:10	3.9	204	15	5.6	0.0
22/11/2023 5:20	4.3	202	15	6.4	0.0
22/11/2023 5:30	3.5	199	13	5.4	0.0
22/11/2023 5:40	3.4	202	16	5.5	0.0
22/11/2023 5:50	3.8	201	15	5.3	0.0
22/11/2023 6:00	3.6	199	16	5.3	0.0
22/11/2023 6:10	4.1	203	11	5.6	0.0
22/11/2023 6:20	3.5	203	14	5.3	0.0
22/11/2023 6:30	3.2	204	15	4.6	0.0
22/11/2023 6:40	3.1	205	16	4.9	0.0
22/11/2023 6:50	3.3	198	12	4.3	0.0
22/11/2023 7:00	3.8	201	11	5.2	0.0
22/11/2023 7:10	3.0	204	15	4.5	0.0
22/11/2023 7:20	3.4	195	13	4.8	0.0
22/11/2023 7:30	3.4	201	11	4.8	0.0
22/11/2023 7:40	3.1	203	12	4.2	0.0
22/11/2023 7:50	3.1	202	11	3.9	0.0
22/11/2023 8:00	3.0	198	11	4.0	0.0
22/11/2023 8:10	3.0	199	12	4.0	0.0
22/11/2023 8:20	3.1	199	15	4.5	0.0
22/11/2023 8:30	3.7	206	14	4.8	0.0
22/11/2023 8:40	3.8	208	16	5.1	0.0
22/11/2023 8:50	3.5	200	12	4.5	0.0
22/11/2023 9:00	3.2	200	14	4.5	0.0
22/11/2023 9:10	2.9	211	12	4.0	0.0
22/11/2023 9:20	2.2	205	15	3.0	0.0
22/11/2023 9:30	1.8	171	36	3.5	0.0
22/11/2023 9:40	1.8	154	34	3.1	0.0
22/11/2023 9:50	1.8	117	37	3.1	0.0
22/11/2023 10:00	1.9	67	32	3.1	0.0
22/11/2023 10:10	2.9	61	13	3.8	0.0
22/11/2023 10:20	2.8	62	10	3.5	0.0
22/11/2023 10:30	2.6	58	14	3.6	0.0
22/11/2023 10:40	3.5	55	11	4.8	0.0
22/11/2023 10:50	3.8	55	13	5.2	0.0
22/11/2023 11:00	4.2	49	12	5.7	0.0
22/11/2023 11:10	4.2	47	14	5.9	0.0
22/11/2023 11:20	3.8	42	14	5.2	0.0
22/11/2023 11:30	4.3	43	13	5.9	0.0
22/11/2023 11:40	4.1	43	13	5.3	0.0
22/11/2023 11:50	3.9	47	13	4.9	0.0
22/11/2023 12:00	4.4	46	12	5.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 12:10	4.4	45	11	6.0	0.0
22/11/2023 12:20	4.1	47	13	5.8	0.0
22/11/2023 12:30	4.1	42	13	5.6	0.0
22/11/2023 12:40	3.5	44	13	4.8	0.0
22/11/2023 12:50	3.8	48	14	5.1	0.0
22/11/2023 13:00	3.5	45	14	5.2	0.0
22/11/2023 13:10	4.2	47	14	5.7	0.0
22/11/2023 13:20	4.5	47	14	6.4	0.0
22/11/2023 13:30	4.1	50	14	5.9	0.0
22/11/2023 13:40	4.2	44	12	5.9	0.0
22/11/2023 13:50	4.3	45	15	5.9	0.0
22/11/2023 14:00	4.0	47	15	5.9	0.0
22/11/2023 14:10	3.6	47	16	5.2	0.0
22/11/2023 14:20	4.0	48	14	5.7	0.0
22/11/2023 14:30	3.5	46	14	5.0	0.0
22/11/2023 14:40	3.4	46	16	4.4	0.0
22/11/2023 14:50	4.1	45	14	5.6	0.0
22/11/2023 15:00	4.5	46	12	6.1	0.0
22/11/2023 15:10	4.3	37	15	6.0	0.0
22/11/2023 15:20	4.6	184	17	6.2	0.0
22/11/2023 15:30	4.8	348	12	6.7	0.0
22/11/2023 15:40	4.6	356	14	6.4	0.0
22/11/2023 15:50	4.6	354	14	6.3	0.0
22/11/2023 16:00	4.3	350	16	6.0	0.0
22/11/2023 16:10	4.7	342	10	6.2	0.0
22/11/2023 16:20	4.5	343	13	6.0	0.0
22/11/2023 16:30	4.3	336	11	5.8	0.0
22/11/2023 16:40	4.2	332	16	6.1	0.0
22/11/2023 16:50	4.0	322	12	5.7	0.0
22/11/2023 17:00	3.7	333	14	5.4	0.0
22/11/2023 17:10	3.4	321	18	5.3	0.0
22/11/2023 17:20	3.3	297	21	4.8	0.0
22/11/2023 17:30	2.9	273	18	4.5	0.0
22/11/2023 17:40	3.1	271	20	4.7	0.0
22/11/2023 17:50	3.0	264	21	4.6	0.0
22/11/2023 18:00	3.0	271	20	4.8	0.0
22/11/2023 18:10	3.1	274	18	4.8	0.0
22/11/2023 18:20	2.7	279	20	4.0	0.0
22/11/2023 18:30	3.3	273	17	4.8	0.0
22/11/2023 18:40	2.4	259	29	4.2	0.0
22/11/2023 18:50	3.2	272	20	4.9	0.0
22/11/2023 19:00	2.7	264	26	4.4	0.0
22/11/2023 19:10	2.8	271	24	4.3	0.0
22/11/2023 19:20	2.0	261	38	3.4	0.0
22/11/2023 19:30	1.9	241	54	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
22/11/2023 19:40	2.5	266	32	4.5	0.0
22/11/2023 19:50	3.2	278	24	4.8	0.0
22/11/2023 20:00	2.9	269	28	4.4	0.0
22/11/2023 20:10	2.7	278	28	4.9	0.0
22/11/2023 20:20	3.0	279	22	4.8	0.0
22/11/2023 20:30	2.8	274	27	4.4	0.0
22/11/2023 20:40	2.8	279	20	4.4	0.0
22/11/2023 20:50	2.7	275	23	4.5	0.0
22/11/2023 21:00	2.7	279	17	4.3	0.0
22/11/2023 21:10	2.9	271	26	4.2	0.0
22/11/2023 21:20	2.6	280	30	4.1	0.0
22/11/2023 21:30	1.9	289	43	4.1	0.0
22/11/2023 21:40	2.3	266	34	3.7	0.0
22/11/2023 21:50	1.7	275	37	3.4	0.0
22/11/2023 22:00	1.9	269	37	3.8	0.0
22/11/2023 22:10	1.8	262	38	3.5	0.0
22/11/2023 22:20	1.7	272	27	2.9	0.0
22/11/2023 22:30	2.1	283	15	3.0	0.0
22/11/2023 22:40	1.9	290	21	2.9	0.0
22/11/2023 22:50	1.9	286	21	3.2	0.0
22/11/2023 23:00	2.0	207	50	3.8	0.0
22/11/2023 23:10	2.1	230	42	3.8	0.0
22/11/2023 23:20	1.7	273	47	3.2	0.0
22/11/2023 23:30	2.2	271	27	3.4	0.0
22/11/2023 23:40	2.4	278	17	3.6	0.0
22/11/2023 23:50	1.8	267	41	3.0	0.0
23/11/2023 0:00	2.4	275	21	3.7	0.0
23/11/2023 0:10	2.2	275	28	3.5	0.0
23/11/2023 0:20	2.0	273	29	3.6	0.0
23/11/2023 0:30	1.3	275	60	2.7	0.0
23/11/2023 0:40	2.3	279	18	3.3	0.0
23/11/2023 0:50	1.8	278	29	3.0	0.0
23/11/2023 1:00	2.0	279	22	3.2	0.0
23/11/2023 1:10	2.3	269	31	4.0	0.0
23/11/2023 1:20	1.8	280	30	3.8	0.0
23/11/2023 1:30	2.4	268	28	4.4	0.0
23/11/2023 1:40	1.9	281	26	3.3	0.0
23/11/2023 1:50	2.1	265	36	4.6	0.0
23/11/2023 2:00	1.7	247	66	4.2	0.0
23/11/2023 2:10	2.0	264	38	3.8	0.0
23/11/2023 2:20	1.9	229	70	3.6	0.0
23/11/2023 2:30	2.2	217	45	4.8	0.0
23/11/2023 2:40	3.0	207	33	5.2	0.0
23/11/2023 2:50	1.9	250	58	3.6	0.0
23/11/2023 3:00	1.8	252	46	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 3:10	1.9	268	33	3.3	0.0
23/11/2023 3:20	1.4	276	35	2.8	0.0
23/11/2023 3:30	1.4	300	25	2.6	0.0
23/11/2023 3:40	1.9	278	20	2.6	0.0
23/11/2023 3:50	1.8	283	16	2.6	0.0
23/11/2023 4:00	1.3	270	40	2.5	0.0
23/11/2023 4:10	1.7	261	32	3.1	0.0
23/11/2023 4:20	1.6	256	36	3.4	0.0
23/11/2023 4:30	1.1	247	43	2.2	0.0
23/11/2023 4:40	1.3	231	42	2.4	0.0
23/11/2023 4:50	1.6	219	36	3.1	0.0
23/11/2023 5:00	1.9	250	25	3.2	0.0
23/11/2023 5:10	2.2	214	29	3.8	0.0
23/11/2023 5:20	2.3	213	25	3.8	0.0
23/11/2023 5:30	1.9	233	31	3.5	0.0
23/11/2023 5:40	1.6	265	23	2.8	0.0
23/11/2023 5:50	1.9	278	16	2.8	0.0
23/11/2023 6:00	2.2	300	13	3.2	0.0
23/11/2023 6:10	2.1	278	16	2.9	0.0
23/11/2023 6:20	2.1	255	20	3.2	0.0
23/11/2023 6:30	1.2	272	31	2.2	0.0
23/11/2023 6:40	1.4	244	37	3.2	0.0
23/11/2023 6:50	1.8	220	33	3.4	0.0
23/11/2023 7:00	2.4	211	28	3.8	0.0
23/11/2023 7:10	2.6	212	22	4.0	0.0
23/11/2023 7:20	2.3	218	26	3.8	0.0
23/11/2023 7:30	1.8	227	32	3.1	0.0
23/11/2023 7:40	2.7	226	22	4.0	0.0
23/11/2023 7:50	2.9	215	17	4.5	0.0
23/11/2023 8:00	2.9	201	18	4.7	0.0
23/11/2023 8:10	2.2	172	30	4.2	0.0
23/11/2023 8:20	2.3	131	28	4.2	0.0
23/11/2023 8:30	2.9	136	23	4.8	0.0
23/11/2023 8:40	2.9	144	25	5.0	0.0
23/11/2023 8:50	2.6	113	31	4.4	0.0
23/11/2023 9:00	2.7	125	23	4.2	0.0
23/11/2023 9:10	3.0	99	20	4.7	0.0
23/11/2023 9:20	3.6	81	15	5.2	0.0
23/11/2023 9:30	3.5	83	14	4.9	0.0
23/11/2023 9:40	3.7	72	13	5.6	0.0
23/11/2023 9:50	3.5	77	18	5.2	0.0
23/11/2023 10:00	3.8	84	15	5.4	0.0
23/11/2023 10:10	3.8	87	15	5.6	0.0
23/11/2023 10:20	3.2	69	19	4.6	0.0
23/11/2023 10:30	3.9	51	12	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 10:40	4.0	56	9	5.2	0.0
23/11/2023 10:50	3.7	58	11	5.0	0.0
23/11/2023 11:00	3.0	48	11	4.1	0.0
23/11/2023 11:10	2.3	63	19	3.4	0.0
23/11/2023 11:20	2.6	60	20	3.6	0.0
23/11/2023 11:30	2.7	59	20	3.9	0.0
23/11/2023 11:40	3.0	59	16	4.1	0.0
23/11/2023 11:50	2.7	55	16	3.6	0.0
23/11/2023 12:00	2.7	61	16	3.7	0.0
23/11/2023 12:10	2.9	49	15	4.6	0.0
23/11/2023 12:20	3.2	41	15	4.5	0.0
23/11/2023 12:30	3.4	44	14	5.1	0.0
23/11/2023 12:40	3.6	44	16	5.1	0.0
23/11/2023 12:50	4.3	47	16	5.9	0.0
23/11/2023 13:00	5.0	45	13	6.8	0.0
23/11/2023 13:10	4.6	45	15	6.8	0.0
23/11/2023 13:20	4.4	48	16	6.1	0.0
23/11/2023 13:30	3.9	51	14	5.2	0.0
23/11/2023 13:40	3.8	49	12	5.5	0.0
23/11/2023 13:50	3.7	54	15	5.0	0.0
23/11/2023 14:00	4.0	44	14	5.7	0.0
23/11/2023 14:10	4.4	49	13	6.0	0.0
23/11/2023 14:20	4.2	46	14	6.0	0.0
23/11/2023 14:30	4.1	23	19	5.7	0.0
23/11/2023 14:40	4.9	182	14	6.2	0.0
23/11/2023 14:50	4.7	353	18	6.5	0.0
23/11/2023 15:00	4.7	339	14	6.9	0.0
23/11/2023 15:10	4.8	351	13	6.5	0.0
23/11/2023 15:20	5.3	351	12	7.2	0.0
23/11/2023 15:30	5.5	172	12	7.5	0.0
23/11/2023 15:40	5.2	347	15	6.8	0.0
23/11/2023 15:50	5.1	345	12	6.7	0.0
23/11/2023 16:00	5.0	352	13	7.1	0.0
23/11/2023 16:10	5.4	344	17	7.3	0.0
23/11/2023 16:20	4.8	335	11	6.9	0.0
23/11/2023 16:30	5.6	335	11	7.5	0.0
23/11/2023 16:40	4.9	336	13	6.7	0.0
23/11/2023 16:50	4.8	325	13	6.4	0.0
23/11/2023 17:00	3.9	332	17	5.6	0.0
23/11/2023 17:10	4.6	332	12	6.1	0.0
23/11/2023 17:20	4.8	335	12	6.5	0.0
23/11/2023 17:30	4.0	330	16	5.8	0.0
23/11/2023 17:40	3.2	310	15	5.2	0.0
23/11/2023 17:50	2.7	279	19	4.0	0.0
23/11/2023 18:00	2.5	281	22	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
23/11/2023 18:10	2.5	266	20	3.9	0.0
23/11/2023 18:20	1.9	273	25	3.2	0.0
23/11/2023 18:30	2.4	265	23	3.8	0.0
23/11/2023 18:40	2.5	250	39	4.1	0.0
23/11/2023 18:50	3.9	270	20	5.8	0.0
23/11/2023 19:00	4.0	272	21	6.0	0.0
23/11/2023 19:10	4.1	270	20	5.7	0.0
23/11/2023 19:20	3.5	271	30	5.5	0.0
23/11/2023 19:30	2.9	266	35	5.8	0.0
23/11/2023 19:40	2.5	260	39	4.7	0.0
23/11/2023 19:50	3.0	259	35	5.2	0.0
23/11/2023 20:00	2.3	255	43	4.1	0.0
23/11/2023 20:10	2.6	257	35	4.2	0.0
23/11/2023 20:20	2.7	270	31	5.2	0.0
23/11/2023 20:30	2.4	264	34	4.4	0.0
23/11/2023 20:40	1.6	231	60	3.6	0.0
23/11/2023 20:50	1.7	238	60	3.3	0.0
23/11/2023 21:00	1.3	233	66	3.7	0.0
23/11/2023 21:10	1.8	229	44	3.6	0.0
23/11/2023 21:20	1.6	222	62	3.5	0.0
23/11/2023 21:30	1.5	232	60	3.1	0.0
23/11/2023 21:40	1.5	234	58	2.9	0.0
23/11/2023 21:50	1.6	216	69	3.0	0.0
23/11/2023 22:00	1.8	246	52	3.4	0.0
23/11/2023 22:10	1.4	214	51	3.2	0.0
23/11/2023 22:20	1.4	219	54	2.5	0.0
23/11/2023 22:30	2.0	249	48	4.1	0.0
23/11/2023 22:40	2.4	222	42	4.2	0.0
23/11/2023 22:50	1.6	256	54	3.2	0.0
23/11/2023 23:00	1.8	242	51	3.6	0.0
23/11/2023 23:10	2.1	235	41	4.4	0.0
23/11/2023 23:20	2.5	220	42	4.2	0.0
23/11/2023 23:30	3.4	208	32	6.4	0.0
23/11/2023 23:40	3.7	197	30	6.2	0.0
23/11/2023 23:50	2.9	216	39	5.0	0.0
24/11/2023 0:00	3.1	208	33	5.6	0.0
24/11/2023 0:10	3.3	197	37	5.6	0.0
24/11/2023 0:20	3.4	199	23	5.8	0.0
24/11/2023 0:30	2.2	230	46	4.4	0.0
24/11/2023 0:40	1.7	290	19	3.2	0.0
24/11/2023 0:50	1.9	278	18	2.8	0.0
24/11/2023 1:00	1.9	276	18	2.9	0.0
24/11/2023 1:10	1.9	282	18	3.1	0.0
24/11/2023 1:20	1.8	291	18	2.7	0.0
24/11/2023 1:30	2.4	285	15	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 1:40	2.3	280	18	3.3	0.0
24/11/2023 1:50	1.6	274	42	3.2	0.0
24/11/2023 2:00	1.4	265	49	2.6	0.0
24/11/2023 2:10	1.1	232	55	2.5	0.0
24/11/2023 2:20	1.5	238	46	2.8	0.0
24/11/2023 2:30	1.5	247	48	3.1	0.0
24/11/2023 2:40	2.1	243	39	3.9	0.0
24/11/2023 2:50	1.5	259	34	2.7	0.0
24/11/2023 3:00	2.0	279	17	3.3	0.0
24/11/2023 3:10	2.0	280	19	2.9	0.0
24/11/2023 3:20	2.0	286	12	2.8	0.0
24/11/2023 3:30	2.1	279	10	2.8	0.0
24/11/2023 3:40	2.2	282	10	2.8	0.0
24/11/2023 3:50	2.0	287	11	2.6	0.0
24/11/2023 4:00	1.8	280	16	2.6	0.0
24/11/2023 4:10	1.8	259	22	2.9	0.0
24/11/2023 4:20	2.0	259	18	3.0	0.0
24/11/2023 4:30	2.0	254	21	3.2	0.0
24/11/2023 4:40	1.5	243	33	2.5	0.0
24/11/2023 4:50	1.4	241	34	2.6	0.0
24/11/2023 5:00	1.7	254	22	2.9	0.0
24/11/2023 5:10	1.6	236	30	2.8	0.0
24/11/2023 5:20	2.0	252	19	3.1	0.0
24/11/2023 5:30	2.4	251	14	3.3	0.0
24/11/2023 5:40	2.9	247	13	4.0	0.0
24/11/2023 5:50	2.5	246	17	3.5	0.0
24/11/2023 6:00	2.2	248	21	3.2	0.0
24/11/2023 6:10	2.4	248	15	3.2	0.0
24/11/2023 6:20	2.3	254	12	3.0	0.0
24/11/2023 6:30	2.4	256	12	3.1	0.0
24/11/2023 6:40	2.4	254	13	3.2	0.0
24/11/2023 6:50	2.3	252	17	3.5	0.0
24/11/2023 7:00	3.0	230	18	4.0	0.0
24/11/2023 7:10	2.7	233	22	4.0	0.0
24/11/2023 7:20	2.6	239	16	3.9	0.0
24/11/2023 7:30	2.8	214	18	4.0	0.0
24/11/2023 7:40	3.1	218	19	4.5	0.0
24/11/2023 7:50	2.7	209	18	4.0	0.0
24/11/2023 8:00	2.7	212	18	3.9	0.0
24/11/2023 8:10	2.9	214	16	4.3	0.0
24/11/2023 8:20	3.0	208	14	4.4	0.0
24/11/2023 8:30	2.9	217	16	4.0	0.0
24/11/2023 8:40	2.6	214	16	3.8	0.0
24/11/2023 8:50	2.3	215	19	3.2	0.0
24/11/2023 9:00	1.7	247	29	2.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 9:10	2.6	272	17	4.0	0.0
24/11/2023 9:20	1.8	299	26	3.0	0.0
24/11/2023 9:30	1.4	77	48	2.7	0.0
24/11/2023 9:40	1.8	51	36	3.1	0.0
24/11/2023 9:50	2.3	57	19	3.1	0.0
24/11/2023 10:00	2.6	55	20	3.8	0.0
24/11/2023 10:10	2.8	44	20	4.2	0.0
24/11/2023 10:20	3.0	52	16	4.6	0.0
24/11/2023 10:30	2.6	56	19	4.4	0.0
24/11/2023 10:40	4.0	45	13	5.8	0.0
24/11/2023 10:50	4.2	39	15	5.7	0.0
24/11/2023 11:00	4.3	41	16	6.0	0.0
24/11/2023 11:10	4.7	36	14	6.8	0.0
24/11/2023 11:20	5.0	35	15	7.2	0.0
24/11/2023 11:30	4.9	38	14	6.6	0.0
24/11/2023 11:40	4.8	41	14	6.5	0.0
24/11/2023 11:50	5.1	42	15	6.8	0.0
24/11/2023 12:00	5.2	42	12	6.8	0.0
24/11/2023 12:10	5.1	46	12	6.9	0.0
24/11/2023 12:20	4.9	41	13	6.5	0.0
24/11/2023 12:30	5.1	43	13	7.2	0.0
24/11/2023 12:40	4.6	44	12	6.4	0.0
24/11/2023 12:50	5.0	44	14	6.9	0.0
24/11/2023 13:00	5.1	40	14	7.2	0.0
24/11/2023 13:10	4.8	36	14	6.8	0.0
24/11/2023 13:20	5.0	35	13	7.5	0.0
24/11/2023 13:30	5.2	44	13	7.2	0.0
24/11/2023 13:40	5.0	47	12	6.5	0.0
24/11/2023 13:50	5.1	44	13	7.0	0.0
24/11/2023 14:00	5.1	38	14	7.9	0.0
24/11/2023 14:10	5.0	34	13	7.2	0.0
24/11/2023 14:20	5.8	18	15	8.7	0.0
24/11/2023 14:30	4.9	345	19	7.1	0.0
24/11/2023 14:40	4.7	341	19	7.8	0.0
24/11/2023 14:50	3.6	321	20	5.5	0.0
24/11/2023 15:00	3.8	328	23	5.9	0.0
24/11/2023 15:10	4.7	321	22	6.5	0.0
24/11/2023 15:20	4.9	341	13	6.8	0.0
24/11/2023 15:30	3.7	336	29	6.1	0.0
24/11/2023 15:40	3.9	324	20	5.9	0.0
24/11/2023 15:50	3.0	291	33	6.4	0.0
24/11/2023 16:00	2.7	269	29	4.8	0.0
24/11/2023 16:10	2.7	250	35	4.4	0.0
24/11/2023 16:20	2.9	278	30	4.7	0.0
24/11/2023 16:30	3.0	283	34	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
24/11/2023 16:40	3.2	330	21	5.2	0.0
24/11/2023 16:50	3.3	348	19	5.2	0.0
24/11/2023 17:00	2.7	186	17	4.4	0.0
24/11/2023 17:10	2.8	339	22	4.4	0.0
24/11/2023 17:20	3.2	342	16	4.7	0.0
24/11/2023 17:30	3.5	192	13	4.8	0.0
24/11/2023 17:40	3.3	179	14	4.8	0.0
24/11/2023 17:50	2.5	13	14	3.9	0.0
24/11/2023 18:00	2.0	29	15	3.1	0.0
24/11/2023 18:10	1.5	49	22	2.6	0.0
24/11/2023 18:20	1.4	196	24	2.6	0.0
24/11/2023 18:30	1.7	344	13	2.6	0.0
24/11/2023 18:40	2.1	341	12	3.1	0.0
24/11/2023 18:50	1.9	349	11	2.8	0.0
24/11/2023 19:00	1.2	181	17	1.6	0.0
24/11/2023 19:10	0.8	346	10	1.5	0.0
24/11/2023 19:20	0.4	166	7	1.2	0.0
24/11/2023 19:30	1.2	316	28	1.6	0.0
24/11/2023 19:40	1.0	162	17	1.4	0.0
24/11/2023 19:50	2.2	272	22	4.2	0.0
24/11/2023 20:00	2.4	274	34	4.4	0.0
24/11/2023 20:10	2.6	276	18	4.6	0.0
24/11/2023 20:20	2.4	266	23	3.8	0.0
24/11/2023 20:30	2.3	278	22	3.4	0.0
24/11/2023 20:40	1.9	276	16	3.0	0.0
24/11/2023 20:50	2.1	279	21	2.9	0.0
24/11/2023 21:00	1.5	287	20	2.2	0.0
24/11/2023 21:10	1.7	266	20	2.6	0.0
24/11/2023 21:20	1.7	268	21	2.6	0.0
24/11/2023 21:30	1.9	281	20	3.0	0.0
24/11/2023 21:40	3.1	270	18	4.4	0.0
24/11/2023 21:50	2.4	274	23	3.5	0.0
24/11/2023 22:00	2.3	284	19	3.6	0.0
24/11/2023 22:10	2.3	284	18	3.2	0.0
24/11/2023 22:20	2.4	280	15	3.6	0.0
24/11/2023 22:30	2.5	281	16	3.4	0.0
24/11/2023 22:40	2.5	277	18	3.8	0.0
24/11/2023 22:50	2.3	285	16	3.4	0.0
24/11/2023 23:00	1.5	265	36	2.6	0.0
24/11/2023 23:10	2.1	282	19	3.2	0.0
24/11/2023 23:20	2.2	283	21	3.6	0.0
24/11/2023 23:30	1.6	294	25	3.1	0.0
24/11/2023 23:40	1.5	40	15	2.2	0.0
24/11/2023 23:50	2.7	79	20	5.1	0.0
25/11/2023 0:00	4.2	70	16	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 0:10	3.5	54	13	5.6	0.0
25/11/2023 0:20	3.9	56	14	6.1	0.0
25/11/2023 0:30	4.1	54	13	6.2	0.0
25/11/2023 0:40	3.8	52	14	6.0	0.0
25/11/2023 0:50	4.1	49	14	5.8	0.0
25/11/2023 1:00	3.9	44	12	5.5	0.0
25/11/2023 1:10	3.5	39	14	5.1	0.0
25/11/2023 1:20	4.6	38	13	6.4	0.0
25/11/2023 1:30	4.3	31	13	6.3	0.0
25/11/2023 1:40	4.6	32	14	6.1	0.0
25/11/2023 1:50	5.1	34	13	7.3	0.0
25/11/2023 2:00	4.5	32	16	6.9	0.0
25/11/2023 2:10	4.7	35	13	6.9	0.0
25/11/2023 2:20	4.1	34	15	5.8	0.0
25/11/2023 2:30	4.0	28	14	5.6	0.0
25/11/2023 2:40	4.2	30	14	5.8	0.0
25/11/2023 2:50	3.5	27	13	5.6	0.0
25/11/2023 3:00	4.2	18	15	6.4	0.0
25/11/2023 3:10	3.4	347	17	5.5	0.0
25/11/2023 3:20	2.6	322	15	3.6	0.0
25/11/2023 3:30	2.9	339	14	4.3	0.0
25/11/2023 3:40	2.4	353	20	3.6	0.0
25/11/2023 3:50	2.9	346	18	4.5	0.0
25/11/2023 4:00	2.8	344	12	4.3	0.0
25/11/2023 4:10	2.3	348	18	3.6	0.0
25/11/2023 4:20	2.5	341	16	3.3	0.0
25/11/2023 4:30	2.0	178	18	2.8	0.0
25/11/2023 4:40	2.4	353	14	3.7	0.0
25/11/2023 4:50	2.3	348	10	3.6	0.0
25/11/2023 5:00	2.5	346	13	3.8	0.0
25/11/2023 5:10	2.2	351	17	3.2	0.0
25/11/2023 5:20	2.6	338	11	3.6	0.0
25/11/2023 5:30	2.5	181	15	3.6	0.0
25/11/2023 5:40	2.3	357	12	3.4	0.0
25/11/2023 5:50	2.4	349	14	3.6	0.0
25/11/2023 6:00	1.4	179	12	2.0	0.0
25/11/2023 6:10	2.1	180	16	3.0	0.0
25/11/2023 6:20	2.4	177	15	3.2	0.0
25/11/2023 6:30	2.3	352	15	3.4	0.0
25/11/2023 6:40	1.7	359	11	2.4	0.0
25/11/2023 6:50	2.3	7	13	3.2	0.0
25/11/2023 7:00	2.9	353	12	4.0	0.0
25/11/2023 7:10	2.5	353	12	3.6	0.0
25/11/2023 7:20	2.9	341	13	4.0	0.0
25/11/2023 7:30	3.4	347	19	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 7:40	3.1	167	17	4.8	0.0
25/11/2023 7:50	3.4	332	13	4.9	0.0
25/11/2023 8:00	3.6	351	16	5.5	0.0
25/11/2023 8:10	3.3	349	21	4.9	0.0
25/11/2023 8:20	3.7	355	18	5.0	0.0
25/11/2023 8:30	3.4	339	20	5.4	0.0
25/11/2023 8:40	3.9	340	18	5.5	0.0
25/11/2023 8:50	3.1	315	23	4.9	0.0
25/11/2023 9:00	3.5	329	21	5.2	0.0
25/11/2023 9:10	3.7	337	19	5.6	0.0
25/11/2023 9:20	3.8	335	21	5.5	0.0
25/11/2023 9:30	3.5	317	25	5.1	0.0
25/11/2023 9:40	3.5	299	24	5.4	0.0
25/11/2023 9:50	3.5	326	22	5.3	0.0
25/11/2023 10:00	3.2	330	20	5.0	0.0
25/11/2023 10:10	3.0	315	26	4.6	0.0
25/11/2023 10:20	1.9	309	60	4.3	0.0
25/11/2023 10:30	2.5	287	31	4.0	0.0
25/11/2023 10:40	2.4	326	34	4.5	0.0
25/11/2023 10:50	2.4	323	29	4.1	0.0
25/11/2023 11:00	2.5	322	37	4.4	0.0
25/11/2023 11:10	2.0	304	62	3.6	0.0
25/11/2023 11:20	2.6	55	41	4.3	0.0
25/11/2023 11:30	3.2	73	19	4.5	0.0
25/11/2023 11:40	3.5	65	16	4.9	0.0
25/11/2023 11:50	3.6	62	14	4.7	0.0
25/11/2023 12:00	3.4	59	9	4.4	0.0
25/11/2023 12:10	3.7	59	13	4.8	0.0
25/11/2023 12:20	3.6	55	11	4.5	0.0
25/11/2023 12:30	3.3	57	15	4.3	0.0
25/11/2023 12:40	3.3	61	17	4.4	0.0
25/11/2023 12:50	3.4	60	13	4.9	0.0
25/11/2023 13:00	3.3	63	19	4.4	0.0
25/11/2023 13:10	3.9	63	13	5.2	0.0
25/11/2023 13:20	4.4	53	14	5.8	0.0
25/11/2023 13:30	4.6	49	14	6.0	0.0
25/11/2023 13:40	4.2	53	15	5.7	0.0
25/11/2023 13:50	4.1	51	14	5.2	0.0
25/11/2023 14:00	3.9	65	13	5.2	0.0
25/11/2023 14:10	3.1	68	18	4.7	0.0
25/11/2023 14:20	3.5	65	15	4.6	0.0
25/11/2023 14:30	3.0	49	24	4.2	0.0
25/11/2023 14:40	4.2	348	17	6.5	0.0
25/11/2023 14:50	4.0	339	19	6.0	0.0
25/11/2023 15:00	4.1	336	16	5.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 15:10	4.5	335	14	6.4	0.0
25/11/2023 15:20	4.1	323	20	6.3	0.0
25/11/2023 15:30	3.7	308	20	6.1	0.0
25/11/2023 15:40	4.3	317	21	6.2	0.0
25/11/2023 15:50	4.3	325	18	6.7	0.0
25/11/2023 16:00	3.4	303	29	5.3	0.0
25/11/2023 16:10	3.4	270	19	4.8	0.0
25/11/2023 16:20	3.3	263	20	5.5	0.0
25/11/2023 16:30	3.2	290	26	5.2	0.0
25/11/2023 16:40	3.3	294	22	5.6	0.0
25/11/2023 16:50	3.5	284	21	5.3	0.0
25/11/2023 17:00	3.4	271	23	5.7	0.0
25/11/2023 17:10	3.3	269	23	5.3	0.0
25/11/2023 17:20	3.3	276	26	5.1	0.0
25/11/2023 17:30	2.5	279	26	4.3	0.0
25/11/2023 17:40	2.7	269	24	4.8	0.0
25/11/2023 17:50	3.0	274	22	4.9	0.0
25/11/2023 18:00	2.7	258	34	4.6	0.0
25/11/2023 18:10	2.7	196	19	4.7	0.0
25/11/2023 18:20	4.5	197	17	7.1	0.0
25/11/2023 18:30	3.6	206	22	6.2	0.0
25/11/2023 18:40	3.3	205	23	5.5	0.0
25/11/2023 18:50	3.7	201	17	5.6	0.0
25/11/2023 19:00	2.4	207	19	4.0	0.0
25/11/2023 19:10	2.3	211	20	4.1	0.0
25/11/2023 19:20	1.8	205	20	2.9	0.0
25/11/2023 19:30	1.5	220	25	2.3	0.0
25/11/2023 19:40	1.1	254	38	1.8	0.0
25/11/2023 19:50	1.6	294	15	2.0	0.0
25/11/2023 20:00	0.5	219	15	1.2	0.0
25/11/2023 20:10	0.5	243	31	1.1	0.0
25/11/2023 20:20	0.3	147	3	1.1	0.0
25/11/2023 20:30	0.8	9	33	1.3	0.0
25/11/2023 20:40	1.0	209	20	1.3	0.0
25/11/2023 20:50	1.9	71	21	4.4	0.0
25/11/2023 21:00	2.2	90	30	3.6	0.0
25/11/2023 21:10	2.3	33	15	3.7	0.0
25/11/2023 21:20	2.2	8	13	3.6	0.0
25/11/2023 21:30	2.3	43	18	3.7	0.0
25/11/2023 21:40	2.4	51	13	3.6	0.0
25/11/2023 21:50	2.2	26	15	3.4	0.0
25/11/2023 22:00	2.4	38	14	3.5	0.0
25/11/2023 22:10	2.2	26	13	3.1	0.0
25/11/2023 22:20	1.8	19	16	2.9	0.0
25/11/2023 22:30	0.8	65	38	1.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
25/11/2023 22:40	0.8	31	21	1.5	0.0
25/11/2023 22:50	0.6	70	11	1.2	0.0
25/11/2023 23:00	1.0	66	15	1.4	0.0
25/11/2023 23:10	0.8	45	13	1.3	0.0
25/11/2023 23:20	0.9	1	12	1.2	0.0
25/11/2023 23:30	0.4	7	5	1.2	0.0
25/11/2023 23:40					0.0
25/11/2023 23:50	0.0	58	1	0.4	0.0
26/11/2023 0:00	0.6	61	8	1.3	0.0
26/11/2023 0:10	0.1	355	5	0.6	0.0
26/11/2023 0:20	0.2	302	1	1.1	0.0
26/11/2023 0:30	1.1	295	10	1.6	0.0
26/11/2023 0:40	1.7	271	12	2.3	0.0
26/11/2023 0:50	1.7	270	19	2.4	0.0
26/11/2023 1:00	1.8	262	25	2.9	0.0
26/11/2023 1:10	2.2	270	20	3.5	0.0
26/11/2023 1:20	1.9	267	21	3.3	0.0
26/11/2023 1:30	2.0	265	20	3.4	0.0
26/11/2023 1:40	2.1	262	29	3.5	0.0
26/11/2023 1:50	2.1	271	24	3.5	0.0
26/11/2023 2:00	1.8	266	35	3.5	0.0
26/11/2023 2:10	2.3	276	14	3.5	0.0
26/11/2023 2:20	2.5	269	16	3.6	0.0
26/11/2023 2:30	2.7	269	18	3.7	0.0
26/11/2023 2:40	2.5	270	18	3.7	0.0
26/11/2023 2:50	2.4	270	18	3.5	0.0
26/11/2023 3:00	2.5	268	18	3.5	0.0
26/11/2023 3:10	2.7	265	23	4.2	0.0
26/11/2023 3:20	2.7	262	20	4.5	0.0
26/11/2023 3:30	2.4	274	21	4.0	0.0
26/11/2023 3:40	3.0	269	18	4.6	0.0
26/11/2023 3:50	2.9	265	26	4.8	0.0
26/11/2023 4:00	2.5	271	28	4.6	0.0
26/11/2023 4:10	3.0	271	17	4.4	0.0
26/11/2023 4:20	2.6	274	23	4.6	0.0
26/11/2023 4:30	2.8	266	33	4.9	0.0
26/11/2023 4:40	2.3	276	26	4.1	0.0
26/11/2023 4:50	2.2	281	20	3.3	0.0
26/11/2023 5:00	2.1	197	33	3.5	0.0
26/11/2023 5:10	1.3	248	38	2.5	0.0
26/11/2023 5:20	1.7	266	49	3.5	0.0
26/11/2023 5:30	1.6	241	47	3.4	0.0
26/11/2023 5:40	1.9	247	28	4.0	0.0
26/11/2023 5:50	1.6	250	46	3.2	0.0
26/11/2023 6:00	1.7	201	34	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 6:10	1.7	240	45	3.6	0.0
26/11/2023 6:20	1.4	273	50	2.9	0.0
26/11/2023 6:30	2.6	273	25	4.3	0.0
26/11/2023 6:40	2.7	262	28	4.6	0.0
26/11/2023 6:50	2.4	256	29	3.9	0.0
26/11/2023 7:00	2.6	277	19	4.3	0.0
26/11/2023 7:10	2.2	265	29	3.8	0.0
26/11/2023 7:20	1.9	252	28	4.0	0.0
26/11/2023 7:30	1.9	212	38	3.2	0.0
26/11/2023 7:40	2.0	240	36	3.8	0.0
26/11/2023 7:50	2.0	246	37	3.8	0.0
26/11/2023 8:00	2.4	248	40	3.9	0.0
26/11/2023 8:10	2.3	245	38	3.9	0.0
26/11/2023 8:20	2.1	246	39	4.5	0.0
26/11/2023 8:30	2.4	249	31	4.0	0.0
26/11/2023 8:40	2.5	271	30	4.8	0.0
26/11/2023 8:50	2.4	264	40	4.3	0.0
26/11/2023 9:00	2.8	283	29	4.1	0.0
26/11/2023 9:10	3.1	297	21	4.8	0.0
26/11/2023 9:20	2.8	284	23	4.0	0.0
26/11/2023 9:30	2.7	295	26	4.4	0.0
26/11/2023 9:40	2.8	286	26	4.0	0.0
26/11/2023 9:50	2.7	294	28	4.4	0.0
26/11/2023 10:00	3.0	290	23	4.5	0.0
26/11/2023 10:10	3.2	288	20	5.0	0.0
26/11/2023 10:20	3.1	285	26	4.7	0.0
26/11/2023 10:30	2.9	276	36	4.4	0.0
26/11/2023 10:40	3.0	284	24	4.7	0.0
26/11/2023 10:50	3.1	290	26	5.6	0.0
26/11/2023 11:00	3.0	273	22	5.0	0.0
26/11/2023 11:10	3.1	284	29	4.9	0.0
26/11/2023 11:20	3.3	264	27	4.9	0.0
26/11/2023 11:30	3.3	277	21	5.0	0.0
26/11/2023 11:40	3.0	277	25	5.0	0.0
26/11/2023 11:50	3.5	274	25	5.2	0.0
26/11/2023 12:00	3.2	259	33	5.1	0.0
26/11/2023 12:10	3.6	269	23	5.8	0.0
26/11/2023 12:20	3.7	268	24	6.4	0.0
26/11/2023 12:30	3.5	275	24	5.6	0.0
26/11/2023 12:40	3.6	269	29	6.0	0.0
26/11/2023 12:50	3.7	277	27	6.4	0.0
26/11/2023 13:00	4.0	283	17	6.0	0.0
26/11/2023 13:10	4.4	278	17	6.3	0.0
26/11/2023 13:20	4.2	275	19	6.2	0.0
26/11/2023 13:30	4.3	278	22	6.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 13:40	4.5	274	19	7.1	0.0
26/11/2023 13:50	4.4	272	21	6.8	0.0
26/11/2023 14:00	4.3	269	21	6.2	0.0
26/11/2023 14:10	4.1	281	24	6.1	0.0
26/11/2023 14:20	4.0	279	21	6.3	0.0
26/11/2023 14:30	4.1	279	23	6.4	0.0
26/11/2023 14:40	4.5	273	21	7.1	0.0
26/11/2023 14:50	4.7	272	22	6.8	0.0
26/11/2023 15:00	3.9	271	25	7.2	0.0
26/11/2023 15:10	4.7	271	20	7.2	0.0
26/11/2023 15:20	4.7	282	21	7.2	0.0
26/11/2023 15:30	5.0	277	17	6.8	0.0
26/11/2023 15:40	4.8	277	18	7.2	0.0
26/11/2023 15:50	4.5	275	20	7.6	0.0
26/11/2023 16:00	3.9	270	22	7.1	0.0
26/11/2023 16:10	4.7	272	21	7.2	0.0
26/11/2023 16:20	4.9	267	21	7.5	0.0
26/11/2023 16:30	4.5	276	19	7.0	0.0
26/11/2023 16:40	4.4	271	20	7.4	0.0
26/11/2023 16:50	4.4	278	18	6.2	0.0
26/11/2023 17:00	3.9	268	22	5.8	0.0
26/11/2023 17:10	4.1	258	32	7.2	0.0
26/11/2023 17:20	3.9	265	39	6.6	0.0
26/11/2023 17:30	3.9	273	25	6.6	0.0
26/11/2023 17:40	3.6	257	41	6.0	0.0
26/11/2023 17:50	3.8	261	34	6.0	0.0
26/11/2023 18:00	4.1	268	21	6.3	0.0
26/11/2023 18:10	3.9	275	20	6.1	0.0
26/11/2023 18:20	3.8	271	25	5.9	0.0
26/11/2023 18:30	3.4	270	22	5.9	0.0
26/11/2023 18:40	3.9	275	20	6.4	0.0
26/11/2023 18:50	3.9	272	23	6.0	0.0
26/11/2023 19:00	3.5	275	24	6.2	0.0
26/11/2023 19:10	3.1	272	27	5.6	0.0
26/11/2023 19:20	3.6	273	23	5.9	0.0
26/11/2023 19:30	3.1	272	34	5.9	0.0
26/11/2023 19:40	3.9	276	21	6.2	0.0
26/11/2023 19:50	2.5	266	33	5.0	0.0
26/11/2023 20:00	2.4	252	43	4.7	0.0
26/11/2023 20:10	3.0	268	30	5.6	0.0
26/11/2023 20:20	2.9	261	31	5.5	0.0
26/11/2023 20:30	3.1	268	38	5.1	0.0
26/11/2023 20:40	2.3	263	39	4.6	0.0
26/11/2023 20:50	2.8	269	36	5.6	0.0
26/11/2023 21:00	2.6	275	26	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
26/11/2023 21:10	2.9	276	33	4.9	0.0
26/11/2023 21:20	2.0	253	51	4.2	0.0
26/11/2023 21:30	2.5	255	39	4.0	0.0
26/11/2023 21:40	1.9	248	66	3.9	0.0
26/11/2023 21:50	2.3	255	46	4.8	0.0
26/11/2023 22:00	2.8	258	41	5.1	0.0
26/11/2023 22:10	2.1	270	52	4.4	0.0
26/11/2023 22:20	2.6	270	34	5.6	0.0
26/11/2023 22:30	2.8	276	38	5.6	0.0
26/11/2023 22:40	2.5	266	47	4.3	0.0
26/11/2023 22:50	2.9	258	45	5.3	0.0
26/11/2023 23:00	3.3	266	36	5.6	0.0
26/11/2023 23:10	2.7	243	52	5.4	0.0
26/11/2023 23:20	2.4	265	43	4.7	0.0
26/11/2023 23:30	2.5	265	35	4.7	0.0
26/11/2023 23:40	1.7	264	51	3.6	0.0
26/11/2023 23:50	2.2	240	53	4.1	0.0
27/11/2023 0:00	2.2	259	50	4.0	0.0
27/11/2023 0:10	2.2	251	46	4.9	0.0
27/11/2023 0:20	2.6	242	50	5.3	0.0
27/11/2023 0:30	2.6	260	35	4.7	0.0
27/11/2023 0:40	2.4	257	41	4.4	0.0
27/11/2023 0:50	2.7	247	39	5.1	0.0
27/11/2023 1:00	2.1	262	53	4.9	0.0
27/11/2023 1:10	2.4	245	41	4.7	0.0
27/11/2023 1:20	2.2	241	48	5.2	0.0
27/11/2023 1:30	1.6	193	66	4.0	0.0
27/11/2023 1:40	2.1	252	57	4.2	0.0
27/11/2023 1:50	2.0	234	45	3.6	0.0
27/11/2023 2:00	2.1	215	58	4.6	0.0
27/11/2023 2:10	2.1	191	60	3.6	0.0
27/11/2023 2:20	2.5	235	43	4.6	0.0
27/11/2023 2:30	1.8	222	63	3.9	0.0
27/11/2023 2:40	2.2	229	60	5.2	0.0
27/11/2023 2:50	2.2	205	57	4.4	0.0
27/11/2023 3:00	2.1	234	66	4.7	0.0
27/11/2023 3:10	2.3	247	64	6.1	0.0
27/11/2023 3:20	1.7	219	62	4.3	0.0
27/11/2023 3:30	2.6	231	52	5.3	0.0
27/11/2023 3:40	2.2	239	59	5.1	0.0
27/11/2023 3:50	2.2	218	65	4.3	0.0
27/11/2023 4:00	1.9	203	60	3.6	0.0
27/11/2023 4:10	2.0	229	52	3.7	0.0
27/11/2023 4:20	1.9	211	45	4.0	0.0
27/11/2023 4:30	2.2	248	58	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 4:40	1.9	225	66	3.5	0.0
27/11/2023 4:50	1.6	224	60	3.2	0.0
27/11/2023 5:00	1.6	232	65	3.1	0.0
27/11/2023 5:10	1.8	219	58	4.0	0.0
27/11/2023 5:20	2.0	245	57	5.1	0.0
27/11/2023 5:30	1.7	250	51	3.2	0.0
27/11/2023 5:40	1.8	246	52	3.4	0.0
27/11/2023 5:50	2.4	216	40	4.9	0.0
27/11/2023 6:00	1.8	239	55	3.2	0.0
27/11/2023 6:10	1.6	214	56	3.6	0.0
27/11/2023 6:20	1.9	241	44	4.3	0.0
27/11/2023 6:30	2.3	210	31	4.4	0.0
27/11/2023 6:40	1.8	202	56	3.0	0.0
27/11/2023 6:50	2.1	231	50	3.9	0.0
27/11/2023 7:00	2.5	196	28	4.1	0.0
27/11/2023 7:10	2.9	207	33	5.9	0.0
27/11/2023 7:20	2.5	240	44	4.5	0.0
27/11/2023 7:30	3.1	230	42	5.4	0.0
27/11/2023 7:40	2.4	213	46	4.8	0.0
27/11/2023 7:50	2.7	211	33	4.8	0.0
27/11/2023 8:00	2.7	244	44	5.0	0.0
27/11/2023 8:10	3.0	256	28	5.1	0.0
27/11/2023 8:20	2.8	237	41	5.3	0.0
27/11/2023 8:30	3.0	270	29	5.6	0.0
27/11/2023 8:40	2.9	278	30	4.8	0.0
27/11/2023 8:50	3.4	276	21	5.6	0.0
27/11/2023 9:00	3.0	259	28	4.6	0.0
27/11/2023 9:10	3.3	268	28	6.3	0.0
27/11/2023 9:20	3.3	262	29	5.6	0.0
27/11/2023 9:30	3.7	274	24	6.6	0.0
27/11/2023 9:40	3.9	278	23	7.0	0.0
27/11/2023 9:50	4.3	276	22	6.6	0.0
27/11/2023 10:00	4.0	270	25	5.9	0.0
27/11/2023 10:10	4.2	281	23	6.8	0.0
27/11/2023 10:20	4.4	275	21	6.8	0.0
27/11/2023 10:30	4.3	281	22	6.4	0.0
27/11/2023 10:40	4.2	276	22	6.8	0.0
27/11/2023 10:50	4.4	273	19	6.9	0.0
27/11/2023 11:00	4.1	278	26	6.5	0.0
27/11/2023 11:10	4.5	287	21	6.8	0.0
27/11/2023 11:20	4.7	281	24	7.5	0.0
27/11/2023 11:30	4.4	287	24	7.0	0.0
27/11/2023 11:40	5.2	278	22	7.2	0.0
27/11/2023 11:50	4.8	279	21	7.7	0.0
27/11/2023 12:00	4.3	284	24	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 12:10	4.8	282	25	7.8	0.0
27/11/2023 12:20	4.7	273	26	7.4	0.0
27/11/2023 12:30	5.2	270	25	7.6	0.0
27/11/2023 12:40	4.7	278	21	7.8	0.0
27/11/2023 12:50	5.2	276	21	8.4	0.0
27/11/2023 13:00	4.8	281	21	7.5	0.0
27/11/2023 13:10	4.7	282	21	7.2	0.0
27/11/2023 13:20	5.0	277	22	7.9	0.0
27/11/2023 13:30	5.2	272	23	8.0	0.0
27/11/2023 13:40	5.0	278	19	8.1	0.0
27/11/2023 13:50	4.8	280	23	7.7	0.0
27/11/2023 14:00	5.1	269	24	7.4	0.0
27/11/2023 14:10	5.2	273	21	8.7	0.0
27/11/2023 14:20	4.6	276	23	7.1	0.0
27/11/2023 14:30	4.9	277	23	7.9	0.0
27/11/2023 14:40	4.8	278	19	7.1	0.0
27/11/2023 14:50	4.9	282	22	7.9	0.0
27/11/2023 15:00	4.5	277	21	6.9	0.0
27/11/2023 15:10	5.2	279	19	7.9	0.0
27/11/2023 15:20	4.9	273	22	7.5	0.0
27/11/2023 15:30	5.1	273	28	8.3	0.0
27/11/2023 15:40	5.4	280	16	7.9	0.0
27/11/2023 15:50	5.4	274	17	7.9	0.0
27/11/2023 16:00	5.2	272	20	7.9	0.0
27/11/2023 16:10	3.8	262	35	7.5	0.0
27/11/2023 16:20	4.1	262	35	8.2	0.0
27/11/2023 16:30	4.0	262	34	8.2	0.0
27/11/2023 16:40	4.0	268	39	7.2	0.0
27/11/2023 16:50	4.9	269	22	7.2	0.0
27/11/2023 17:00	4.2	274	30	7.9	0.0
27/11/2023 17:10	4.4	273	21	7.5	0.0
27/11/2023 17:20	4.5	275	21	7.2	0.0
27/11/2023 17:30	4.5	266	24	7.7	0.0
27/11/2023 17:40	5.0	274	22	7.3	0.0
27/11/2023 17:50	4.5	278	23	7.5	0.0
27/11/2023 18:00	4.6	275	19	7.2	0.0
27/11/2023 18:10	4.7	275	19	6.7	0.0
27/11/2023 18:20	4.9	270	23	7.7	0.0
27/11/2023 18:30	4.4	272	23	7.2	0.0
27/11/2023 18:40	4.0	271	34	7.2	0.0
27/11/2023 18:50	3.9	269	34	7.2	0.0
27/11/2023 19:00	3.7	276	33	6.8	0.0
27/11/2023 19:10	4.0	274	35	7.7	0.0
27/11/2023 19:20	3.9	274	29	6.8	0.0
27/11/2023 19:30	3.3	257	45	7.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
27/11/2023 19:40	2.4	255	53	4.8	0.0
27/11/2023 19:50	2.8	257	42	5.2	0.0
27/11/2023 20:00	2.7	244	53	5.8	0.0
27/11/2023 20:10	2.5	276	60	6.0	0.0
27/11/2023 20:20	2.7	283	40	5.7	0.0
27/11/2023 20:30	2.4	277	42	5.4	0.0
27/11/2023 20:40	2.9	269	50	5.9	0.0
27/11/2023 20:50	2.6	258	56	5.0	0.0
27/11/2023 21:00	2.9	267	56	6.4	0.0
27/11/2023 21:10	3.7	259	46	7.1	0.0
27/11/2023 21:20	2.9	262	55	7.2	0.0
27/11/2023 21:30	3.2	266	49	6.6	0.0
27/11/2023 21:40	3.0	266	53	6.4	0.0
27/11/2023 21:50	3.2	268	50	6.6	0.0
27/11/2023 22:00	3.4	240	44	6.6	0.0
27/11/2023 22:10	2.5	233	67	5.5	0.0
27/11/2023 22:20	2.3	243	51	5.2	0.0
27/11/2023 22:30	2.0	225	66	5.6	0.0
27/11/2023 22:40	2.9	260	44	6.0	0.0
27/11/2023 22:50	2.7	256	48	5.5	0.0
27/11/2023 23:00	2.6	247	51	5.5	0.0
27/11/2023 23:10	2.6	232	60	5.4	0.0
27/11/2023 23:20	2.8	245	42	5.4	0.0
27/11/2023 23:30	2.5	256	55	4.5	0.0
27/11/2023 23:40	2.5	252	47	4.4	0.0
27/11/2023 23:50	2.4	230	57	5.1	0.0
28/11/2023 0:00	2.7	239	44	5.2	0.0
28/11/2023 0:10	3.0	264	43	5.4	0.0
28/11/2023 0:20	2.8	255	49	5.6	0.0
28/11/2023 0:30	2.5	225	69	6.0	0.0
28/11/2023 0:40	2.7	235	46	5.6	0.0
28/11/2023 0:50	2.2	205	62	5.4	0.0
28/11/2023 1:00	2.4	247	61	6.9	0.0
28/11/2023 1:10	2.3	234	48	5.2	0.0
28/11/2023 1:20	2.7	249	39	4.9	0.0
28/11/2023 1:30	2.3	230	52	4.6	0.0
28/11/2023 1:40	2.3	233	59	4.8	0.0
28/11/2023 1:50	2.1	221	58	4.1	0.0
28/11/2023 2:00	2.9	215	39	6.3	0.0
28/11/2023 2:10	2.2	227	54	4.4	0.0
28/11/2023 2:20	2.9	211	35	4.8	0.0
28/11/2023 2:30	3.1	215	42	5.8	0.0
28/11/2023 2:40	2.3	225	49	5.2	0.0
28/11/2023 2:50	2.3	225	51	4.5	0.0
28/11/2023 3:00	2.0	208	56	3.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 3:10	1.7	256	59	4.1	0.0
28/11/2023 3:20	2.0	227	61	4.1	0.0
28/11/2023 3:30	2.2	221	65	5.0	0.0
28/11/2023 3:40	2.0	236	60	4.2	0.0
28/11/2023 3:50	1.9	253	55	4.2	0.0
28/11/2023 4:00	2.0	221	66	3.6	0.0
28/11/2023 4:10	1.6	231	66	3.5	0.0
28/11/2023 4:20	1.8	229	57	3.6	0.0
28/11/2023 4:30	2.0	233	57	3.4	0.0
28/11/2023 4:40	2.2	227	48	4.1	0.0
28/11/2023 4:50	1.6	240	61	4.4	0.0
28/11/2023 5:00	1.9	245	48	3.7	0.0
28/11/2023 5:10	1.5	221	62	4.3	0.0
28/11/2023 5:20	2.3	223	44	3.9	0.0
28/11/2023 5:30	1.5	210	70	3.7	0.0
28/11/2023 5:40	1.8	233	62	3.7	0.0
28/11/2023 5:50	2.0	208	54	4.6	0.0
28/11/2023 6:00	1.6	202	61	3.6	0.0
28/11/2023 6:10	2.2	258	56	4.0	0.0
28/11/2023 6:20	2.3	241	47	4.4	0.0
28/11/2023 6:30	2.1	230	59	4.7	0.0
28/11/2023 6:40	2.0	214	56	3.6	0.0
28/11/2023 6:50	2.3	214	53	4.3	0.0
28/11/2023 7:00	2.4	225	42	4.8	0.0
28/11/2023 7:10	2.6	222	47	5.6	0.0
28/11/2023 7:20	2.5	234	44	4.0	0.0
28/11/2023 7:30	2.5	236	47	4.7	0.0
28/11/2023 7:40	2.6	227	47	4.8	0.0
28/11/2023 7:50	2.9	252	44	4.8	0.0
28/11/2023 8:00	3.0	245	50	5.5	0.0
28/11/2023 8:10	3.2	256	37	5.4	0.0
28/11/2023 8:20	2.7	253	46	5.2	0.0
28/11/2023 8:30	3.4	253	32	5.9	0.0
28/11/2023 8:40	3.0	238	44	5.7	0.0
28/11/2023 8:50	3.0	248	42	6.0	0.0
28/11/2023 9:00	2.6	244	40	5.5	0.0
28/11/2023 9:10	2.9	258	37	5.0	0.0
28/11/2023 9:20	3.1	261	37	6.0	0.0
28/11/2023 9:30	3.2	247	45	6.4	0.0
28/11/2023 9:40	3.9	262	35	7.3	0.0
28/11/2023 9:50	4.2	275	23	7.9	0.0
28/11/2023 10:00	4.8	278	21	8.0	0.0
28/11/2023 10:10	4.8	271	23	7.8	0.0
28/11/2023 10:20	4.9	272	22	7.8	0.0
28/11/2023 10:30	5.1	275	22	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 10:40	4.8	278	23	7.4	0.0
28/11/2023 10:50	5.0	276	25	7.9	0.0
28/11/2023 11:00	5.1	274	19	8.1	0.0
28/11/2023 11:10	5.0	273	23	7.9	0.0
28/11/2023 11:20	5.2	278	23	8.0	0.0
28/11/2023 11:30	5.3	279	20	7.9	0.0
28/11/2023 11:40	5.3	267	21	8.5	0.0
28/11/2023 11:50	5.0	278	25	7.5	0.0
28/11/2023 12:00	4.6	274	25	7.6	0.0
28/11/2023 12:10	4.7	269	25	7.9	0.0
28/11/2023 12:20	4.6	272	22	7.5	0.0
28/11/2023 12:30	4.8	286	24	8.0	0.0
28/11/2023 12:40	5.3	281	23	9.1	0.0
28/11/2023 12:50	5.4	274	21	8.2	0.0
28/11/2023 13:00	5.4	271	27	8.8	0.0
28/11/2023 13:10	5.5	274	23	8.7	0.0
28/11/2023 13:20	5.5	273	22	8.3	0.0
28/11/2023 13:30	5.2	280	23	8.3	0.0
28/11/2023 13:40	5.4	271	19	8.1	0.0
28/11/2023 13:50	5.1	278	28	9.1	0.0
28/11/2023 14:00	5.2	271	25	8.7	0.0
28/11/2023 14:10	5.2	271	22	8.3	0.0
28/11/2023 14:20	5.1	275	27	8.0	0.0
28/11/2023 14:30	4.9	273	24	7.9	0.0
28/11/2023 14:40	5.3	270	21	8.3	0.0
28/11/2023 14:50	5.4	267	21	7.9	0.0
28/11/2023 15:00	5.2	274	21	8.2	0.0
28/11/2023 15:10	5.4	272	20	8.3	0.0
28/11/2023 15:20	5.2	272	18	8.4	0.0
28/11/2023 15:30	5.0	266	29	7.3	0.0
28/11/2023 15:40	5.4	267	23	8.0	0.0
28/11/2023 15:50	5.6	275	22	8.5	0.0
28/11/2023 16:00	5.5	271	22	8.3	0.0
28/11/2023 16:10	5.3	278	21	8.2	0.0
28/11/2023 16:20	5.4	270	23	8.3	0.0
28/11/2023 16:30	6.0	269	21	9.3	0.0
28/11/2023 16:40	5.6	269	27	9.4	0.0
28/11/2023 16:50	5.5	267	33	9.0	0.0
28/11/2023 17:00	5.7	266	26	9.5	0.0
28/11/2023 17:10	5.4	267	22	9.5	0.0
28/11/2023 17:20	5.6	268	25	8.7	0.0
28/11/2023 17:30	4.6	262	33	7.4	0.0
28/11/2023 17:40	4.5	267	46	8.8	0.0
28/11/2023 17:50	5.7	271	25	9.5	0.0
28/11/2023 18:00	5.3	269	32	9.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
28/11/2023 18:10	4.2	266	33	8.5	0.0
28/11/2023 18:20	4.6	269	32	7.3	0.0
28/11/2023 18:30	5.1	268	34	8.6	0.0
28/11/2023 18:40	4.9	271	25	8.1	0.0
28/11/2023 18:50	4.6	270	23	7.7	0.0
28/11/2023 19:00	3.7	271	40	6.8	0.0
28/11/2023 19:10	4.3	267	39	7.5	0.0
28/11/2023 19:20	4.4	267	37	8.3	0.0
28/11/2023 19:30	3.8	265	45	7.5	0.0
28/11/2023 19:40	3.8	265	35	6.8	0.0
28/11/2023 19:50	2.8	240	48	5.5	0.0
28/11/2023 20:00	3.5	249	48	7.1	0.0
28/11/2023 20:10	3.8	251	42	7.3	0.0
28/11/2023 20:20	3.1	263	52	6.4	0.0
28/11/2023 20:30	3.4	252	52	7.5	0.0
28/11/2023 20:40	4.1	261	35	7.4	0.0
28/11/2023 20:50	3.1	244	42	5.8	0.0
28/11/2023 21:00	2.3	229	67	4.4	0.0
28/11/2023 21:10	3.1	234	54	6.0	0.0
28/11/2023 21:20	3.0	249	47	6.0	0.0
28/11/2023 21:30	3.0	248	53	5.7	0.0
28/11/2023 21:40	2.7	240	60	6.0	0.0
28/11/2023 21:50	2.7	235	51	5.0	0.0
28/11/2023 22:00	2.4	233	70	5.3	0.0
28/11/2023 22:10	3.3	251	38	6.3	0.0
28/11/2023 22:20	2.9	242	50	7.5	0.0
28/11/2023 22:30	2.9	234	48	6.0	0.0
28/11/2023 22:40	2.9	252	59	6.1	0.0
28/11/2023 22:50	2.9	233	61	6.5	0.0
28/11/2023 23:00	3.2	220	42	6.8	0.0
28/11/2023 23:10	2.7	236	47	5.2	0.0
28/11/2023 23:20	2.6	236	43	5.9	0.0
28/11/2023 23:30	3.2	233	48	6.0	0.0
28/11/2023 23:40	2.6	224	57	4.7	0.0
28/11/2023 23:50	2.6	208	52	5.2	0.0
29/11/2023 0:00	3.2	256	42	6.4	0.0
29/11/2023 0:10	2.2	227	63	4.3	0.0
29/11/2023 0:20	2.4	236	59	5.0	0.0
29/11/2023 0:30	2.7	223	43	5.5	0.0
29/11/2023 0:40	2.5	225	53	5.7	0.0
29/11/2023 0:50	2.8	238	50	5.5	0.0
29/11/2023 1:00	2.9	260	46	5.2	0.0
29/11/2023 1:10	2.6	257	39	6.4	0.0
29/11/2023 1:20	2.1	254	68	3.9	0.0
29/11/2023 1:30	2.5	258	46	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 1:40	2.4	261	42	5.0	0.0
29/11/2023 1:50	2.3	261	53	4.9	0.0
29/11/2023 2:00	2.5	253	51	5.1	0.0
29/11/2023 2:10	3.1	256	32	5.0	0.0
29/11/2023 2:20	2.9	259	36	4.8	0.0
29/11/2023 2:30	2.2	255	50	5.5	0.0
29/11/2023 2:40	2.1	253	55	4.3	0.0
29/11/2023 2:50	2.7	249	37	5.6	0.0
29/11/2023 3:00	2.5	247	48	5.2	0.0
29/11/2023 3:10	2.1	255	50	4.7	0.0
29/11/2023 3:20	2.4	238	51	4.8	0.0
29/11/2023 3:30	2.8	243	52	6.3	0.0
29/11/2023 3:40	2.2	234	56	4.4	0.0
29/11/2023 3:50	2.6	232	57	5.5	0.0
29/11/2023 4:00	2.3	242	60	4.8	0.0
29/11/2023 4:10	2.6	254	56	6.3	0.0
29/11/2023 4:20	2.3	240	50	4.8	0.0
29/11/2023 4:30	2.1	236	63	4.6	0.0
29/11/2023 4:40	2.3	228	51	4.5	0.0
29/11/2023 4:50	2.5	268	44	5.7	0.0
29/11/2023 5:00	3.2	264	39	6.0	0.0
29/11/2023 5:10	2.6	251	48	5.0	0.0
29/11/2023 5:20	2.1	253	64	4.8	0.0
29/11/2023 5:30	2.0	267	61	4.2	0.0
29/11/2023 5:40	2.3	268	44	4.6	0.0
29/11/2023 5:50	2.3	247	41	4.5	0.0
29/11/2023 6:00	2.0	265	49	4.1	0.0
29/11/2023 6:10	2.4	255	52	5.2	0.0
29/11/2023 6:20	2.5	253	36	4.8	0.0
29/11/2023 6:30	2.7	264	35	6.1	0.0
29/11/2023 6:40	3.0	255	34	5.1	0.0
29/11/2023 6:50	2.6	252	39	5.0	0.0
29/11/2023 7:00	2.9	261	34	5.2	0.0
29/11/2023 7:10	2.7	254	43	5.3	0.0
29/11/2023 7:20	2.4	258	42	4.5	0.0
29/11/2023 7:30	2.0	246	51	4.0	0.0
29/11/2023 7:40	2.4	252	47	4.8	0.0
29/11/2023 7:50	3.1	254	37	5.6	0.0
29/11/2023 8:00	2.4	256	39	5.5	0.0
29/11/2023 8:10	2.3	250	42	4.8	0.0
29/11/2023 8:20	2.5	238	40	5.0	0.0
29/11/2023 8:30	2.8	251	33	4.7	0.0
29/11/2023 8:40	2.5	232	45	4.4	0.0
29/11/2023 8:50	2.9	211	30	5.5	0.0
29/11/2023 9:00	2.3	244	47	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 9:10	2.8	218	41	5.5	0.0
29/11/2023 9:20	2.2	245	44	4.4	0.0
29/11/2023 9:30	3.4	275	29	5.6	0.0
29/11/2023 9:40	3.8	285	25	6.1	0.0
29/11/2023 9:50	4.1	282	21	6.1	0.0
29/11/2023 10:00	3.7	280	24	5.6	0.0
29/11/2023 10:10	4.5	272	22	6.8	0.0
29/11/2023 10:20	4.1	278	25	6.4	0.0
29/11/2023 10:30	4.2	275	20	6.6	0.0
29/11/2023 10:40	4.2	273	22	6.6	0.0
29/11/2023 10:50	4.3	277	23	6.6	0.0
29/11/2023 11:00	4.3	273	19	6.6	0.0
29/11/2023 11:10	4.3	271	23	6.9	0.0
29/11/2023 11:20	3.9	272	26	7.1	0.0
29/11/2023 11:30	3.6	270	27	6.0	0.0
29/11/2023 11:40	4.0	264	28	6.1	0.0
29/11/2023 11:50	4.4	279	21	7.2	0.0
29/11/2023 12:00	4.4	275	20	6.8	0.0
29/11/2023 12:10	4.1	276	20	6.4	0.0
29/11/2023 12:20	4.4	270	23	7.0	0.0
29/11/2023 12:30	4.1	264	26	6.1	0.0
29/11/2023 12:40	4.3	265	23	6.9	0.0
29/11/2023 12:50	4.6	266	23	7.0	0.0
29/11/2023 13:00	4.7	297	28	7.2	0.0
29/11/2023 13:10	4.7	310	22	7.5	0.0
29/11/2023 13:20	4.6	296	24	7.4	0.0
29/11/2023 13:30	5.1	297	27	7.8	0.0
29/11/2023 13:40	5.2	302	19	8.3	0.0
29/11/2023 13:50	4.8	304	25	7.3	0.0
29/11/2023 14:00	5.5	301	21	9.1	0.0
29/11/2023 14:10	4.4	289	27	7.5	0.0
29/11/2023 14:20	5.1	272	22	8.3	0.0
29/11/2023 14:30	5.2	280	24	7.1	0.0
29/11/2023 14:40	5.2	285	22	8.6	0.0
29/11/2023 14:50	5.4	290	21	9.1	0.0
29/11/2023 15:00	5.7	290	24	8.8	0.0
29/11/2023 15:10	6.8	299	22	10.8	0.0
29/11/2023 15:20	6.4	296	24	9.9	0.0
29/11/2023 15:30	6.3	289	23	10.3	0.0
29/11/2023 15:40	6.3	297	19	9.7	0.0
29/11/2023 15:50	6.0	290	24	9.9	0.0
29/11/2023 16:00	6.4	295	22	9.5	0.0
29/11/2023 16:10	6.0	289	24	9.3	0.0
29/11/2023 16:20	5.2	280	25	8.9	0.0
29/11/2023 16:30	5.6	290	22	8.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
29/11/2023 16:40	5.7	294	24	9.5	0.0
29/11/2023 16:50	5.5	292	22	8.3	0.0
29/11/2023 17:00	5.8	296	22	8.3	0.0
29/11/2023 17:10	5.3	283	20	8.3	0.0
29/11/2023 17:20	5.4	273	23	8.4	0.0
29/11/2023 17:30	4.9	277	23	7.5	0.0
29/11/2023 17:40	5.4	280	23	8.4	0.0
29/11/2023 17:50	4.9	285	19	8.1	0.0
29/11/2023 18:00	5.3	286	22	8.2	0.0
29/11/2023 18:10	4.8	265	26	7.6	0.0
29/11/2023 18:20	4.7	274	25	7.5	0.0
29/11/2023 18:30	4.8	277	19	6.9	0.0
29/11/2023 18:40	4.3	279	23	7.0	0.0
29/11/2023 18:50	4.8	268	23	8.1	0.0
29/11/2023 19:00	5.2	267	21	7.5	0.0
29/11/2023 19:10	4.9	266	26	7.7	0.0
29/11/2023 19:20	4.8	268	23	7.9	0.0
29/11/2023 19:30	5.0	269	23	8.6	0.0
29/11/2023 19:40	4.5	265	25	7.5	0.0
29/11/2023 19:50	4.3	269	25	7.2	0.0
29/11/2023 20:00	4.1	267	28	7.5	0.0
29/11/2023 20:10	4.0	262	30	6.5	0.0
29/11/2023 20:20	4.0	270	30	7.9	0.0
29/11/2023 20:30	3.8	268	33	7.5	0.0
29/11/2023 20:40	4.2	267	25	6.6	0.0
29/11/2023 20:50	4.2	266	23	6.1	0.0
29/11/2023 21:00	3.8	267	32	6.2	0.0
29/11/2023 21:10	3.8	260	41	6.4	0.0
29/11/2023 21:20	2.7	261	65	6.5	0.0
29/11/2023 21:30	2.5	265	73	6.0	0.0
29/11/2023 21:40	2.7	256	52	6.0	0.0
29/11/2023 21:50	2.9	257	59	6.8	0.0
29/11/2023 22:00	2.8	267	54	5.8	0.0
29/11/2023 22:10	2.4	253	69	6.0	0.0
29/11/2023 22:20	2.4	268	49	4.8	0.0
29/11/2023 22:30	2.2	255	60	5.4	0.0
29/11/2023 22:40	2.3	250	57	4.8	0.0
29/11/2023 22:50	3.0	265	36	5.8	0.0
29/11/2023 23:00	2.2	261	62	4.4	0.0
29/11/2023 23:10	2.5	262	41	4.7	0.0
29/11/2023 23:20	2.3	242	61	5.0	0.0
29/11/2023 23:30	2.5	263	46	4.5	0.0
29/11/2023 23:40	2.4	236	49	4.8	0.0
29/11/2023 23:50	2.4	245	57	4.8	0.0
30/11/2023 0:00	2.3	266	58	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 0:10	1.9	243	56	3.8	0.0
30/11/2023 0:20	2.3	246	43	4.0	0.0
30/11/2023 0:30	2.1	254	44	4.5	0.0
30/11/2023 0:40	2.2	242	57	4.0	0.0
30/11/2023 0:50	2.1	238	48	3.9	0.0
30/11/2023 1:00	2.7	259	45	4.9	0.0
30/11/2023 1:10	2.6	277	45	4.8	0.0
30/11/2023 1:20	3.0	271	30	5.4	0.0
30/11/2023 1:30	2.4	262	39	5.0	0.0
30/11/2023 1:40	2.8	268	44	5.3	0.0
30/11/2023 1:50	1.7	239	59	3.4	0.0
30/11/2023 2:00	2.3	270	61	5.0	0.0
30/11/2023 2:10	1.9	249	70	4.4	0.0
30/11/2023 2:20	1.8	275	48	4.2	0.0
30/11/2023 2:30	2.3	255	51	4.8	0.0
30/11/2023 2:40	1.6	261	63	3.8	0.0
30/11/2023 2:50	1.7	233	67	4.0	0.0
30/11/2023 3:00	1.4	225	62	3.3	0.0
30/11/2023 3:10	1.8	248	68	3.7	0.0
30/11/2023 3:20	1.9	251	65	4.4	0.0
30/11/2023 3:30	1.9	253	52	4.6	0.0
30/11/2023 3:40	1.7	237	45	3.6	0.0
30/11/2023 3:50	1.4	234	69	3.0	0.0
30/11/2023 4:00	1.9	266	42	3.6	0.0
30/11/2023 4:10	1.7	263	61	3.6	0.0
30/11/2023 4:20	1.5	220	63	3.3	0.0
30/11/2023 4:30	1.5	235	48	2.8	0.0
30/11/2023 4:40	1.6	240	56	3.2	0.0
30/11/2023 4:50	1.7	239	56	3.6	0.0
30/11/2023 5:00	1.4	215	67	2.9	0.0
30/11/2023 5:10	1.6	254	51	3.1	0.0
30/11/2023 5:20	1.7	241	40	3.3	0.0
30/11/2023 5:30	2.0	252	37	4.0	0.0
30/11/2023 5:40	2.1	260	30	3.5	0.0
30/11/2023 5:50	1.7	237	53	3.0	0.0
30/11/2023 6:00	1.3	242	60	3.2	0.0
30/11/2023 6:10	1.4	241	74	3.5	0.0
30/11/2023 6:20	1.8	237	49	3.2	0.0
30/11/2023 6:30	1.6	241	46	2.8	0.0
30/11/2023 6:40	1.8	266	43	3.6	0.0
30/11/2023 6:50	1.4	205	50	2.5	0.0
30/11/2023 7:00	1.8	226	49	3.6	0.0
30/11/2023 7:10	2.2	258	32	4.7	0.0
30/11/2023 7:20	2.6	258	32	4.9	0.0
30/11/2023 7:30	2.2	246	43	4.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 7:40	2.5	268	40	4.8	0.0
30/11/2023 7:50	2.4	254	33	5.1	0.0
30/11/2023 8:00	2.4	254	42	4.4	0.0
30/11/2023 8:10	2.3	254	40	4.6	0.0
30/11/2023 8:20	3.3	274	25	6.1	0.0
30/11/2023 8:30	3.4	274	28	5.5	0.0
30/11/2023 8:40	3.7	273	20	5.3	0.0
30/11/2023 8:50	3.0	267	37	5.6	0.0
30/11/2023 9:00	2.3	236	52	4.3	0.0
30/11/2023 9:10	2.7	251	32	4.8	0.0
30/11/2023 9:20	2.9	275	32	5.9	0.0
30/11/2023 9:30	3.4	281	24	5.0	0.0
30/11/2023 9:40	3.4	284	24	5.2	0.0
30/11/2023 9:50	4.0	277	26	6.1	0.0
30/11/2023 10:00	3.5	276	28	5.6	0.0
30/11/2023 10:10	3.8	284	24	5.6	0.0
30/11/2023 10:20	3.9	277	19	6.3	0.0
30/11/2023 10:30	3.9	269	19	5.5	0.0
30/11/2023 10:40	4.2	274	21	6.1	0.0
30/11/2023 10:50	3.7	288	21	5.6	0.0
30/11/2023 11:00	3.7	276	18	5.7	0.0
30/11/2023 11:10	3.4	274	25	5.5	0.0
30/11/2023 11:20	3.3	272	20	5.7	0.0
30/11/2023 11:30	3.4	262	21	5.6	0.0
30/11/2023 11:40	3.2	273	23	5.0	0.0
30/11/2023 11:50	3.4	273	22	5.6	0.0
30/11/2023 12:00	3.6	273	22	5.3	0.0
30/11/2023 12:10	3.6	272	24	5.6	0.0
30/11/2023 12:20	4.0	271	20	6.0	0.0
30/11/2023 12:30	4.0	273	25	6.4	0.0
30/11/2023 12:40	4.0	274	24	5.9	0.0
30/11/2023 12:50	4.1	265	22	6.3	0.0
30/11/2023 13:00	4.2	270	21	6.5	0.0
30/11/2023 13:10	4.4	281	24	6.7	0.0
30/11/2023 13:20	4.2	283	24	6.4	0.0
30/11/2023 13:30	4.7	307	24	7.0	0.0
30/11/2023 13:40	4.8	314	22	7.1	0.0
30/11/2023 13:50	4.4	316	21	6.4	0.0
30/11/2023 14:00	4.8	302	17	7.0	0.0
30/11/2023 14:10	4.7	297	20	6.8	0.0
30/11/2023 14:20	4.9	289	17	7.2	0.0
30/11/2023 14:30	4.9	296	18	7.2	0.0
30/11/2023 14:40	5.0	297	19	7.2	0.0
30/11/2023 14:50	4.7	294	22	7.5	0.0
30/11/2023 15:00	5.3	295	20	8.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 15:10	4.8	285	20	7.6	0.0
30/11/2023 15:20	4.7	282	22	7.9	0.0
30/11/2023 15:30	4.6	284	20	7.2	0.0
30/11/2023 15:40	5.8	300	18	8.3	0.0
30/11/2023 15:50	5.6	304	17	8.3	0.0
30/11/2023 16:00	6.3	301	18	8.8	0.0
30/11/2023 16:10	5.4	296	18	7.9	0.0
30/11/2023 16:20	5.8	299	18	9.3	0.0
30/11/2023 16:30	5.3	295	20	8.3	0.0
30/11/2023 16:40	5.1	295	23	8.7	0.0
30/11/2023 16:50	4.7	285	22	7.6	0.0
30/11/2023 17:00	4.4	287	25	7.4	0.0
30/11/2023 17:10	4.7	272	21	6.6	0.0
30/11/2023 17:20	4.4	270	23	7.0	0.0
30/11/2023 17:30	4.4	275	23	7.6	0.0
30/11/2023 17:40	5.0	277	21	7.4	0.0
30/11/2023 17:50	4.5	274	21	6.8	0.0
30/11/2023 18:00	4.9	274	20	8.5	0.0
30/11/2023 18:10	5.0	269	21	7.2	0.0
30/11/2023 18:20	4.6	274	25	7.5	0.0
30/11/2023 18:30	4.3	269	28	7.1	0.0
30/11/2023 18:40	4.5	272	25	7.7	0.0
30/11/2023 18:50	4.6	267	23	7.8	0.0
30/11/2023 19:00	4.5	266	23	7.9	0.0
30/11/2023 19:10	4.1	272	26	6.8	0.0
30/11/2023 19:20	4.8	270	23	7.4	0.0
30/11/2023 19:30	4.4	272	23	8.7	0.0
30/11/2023 19:40	3.7	264	36	5.9	0.0
30/11/2023 19:50	3.6	268	29	6.1	0.0
30/11/2023 20:00	3.3	264	31	6.2	0.0
30/11/2023 20:10	3.1	261	42	6.5	0.0
30/11/2023 20:20	3.1	276	40	5.7	0.0
30/11/2023 20:30	3.0	256	48	5.2	0.0
30/11/2023 20:40	3.1	264	39	5.5	0.0
30/11/2023 20:50	2.7	250	48	5.5	0.0
30/11/2023 21:00	3.1	246	42	5.6	0.0
30/11/2023 21:10	2.6	254	41	4.2	0.0
30/11/2023 21:20	2.2	255	59	4.0	0.0
30/11/2023 21:30	2.0	246	59	4.2	0.0
30/11/2023 21:40	2.1	246	60	4.1	0.0
30/11/2023 21:50	2.2	240	57	5.2	0.0
30/11/2023 22:00	2.1	251	50	3.7	0.0
30/11/2023 22:10	2.3	236	37	4.0	0.0
30/11/2023 22:20	2.1	243	41	4.4	0.0
30/11/2023 22:30	2.0	233	41	4.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
30/11/2023 22:40	2.1	252	41	4.0	0.0
30/11/2023 22:50	1.8	249	56	3.6	0.0
30/11/2023 23:00	1.8	226	54	3.8	0.0
30/11/2023 23:10	1.8	263	39	3.6	0.0
30/11/2023 23:20	1.9	274	29	3.1	0.0
30/11/2023 23:30	2.5	278	28	4.0	0.0
30/11/2023 23:40	2.0	245	51	4.2	0.0
30/11/2023 23:50	1.7	223	51	3.4	0.0
1/12/2023 0:00	1.9	244	45	3.7	0.0
1/12/2023 0:10	2.1	246	42	4.2	0.0
1/12/2023 0:20	1.9	267	50	4.0	0.0
1/12/2023 0:30	1.8	253	55	3.3	0.0
1/12/2023 0:40	1.5	255	60	3.4	0.0
1/12/2023 0:50	1.7	260	58	3.4	0.0
1/12/2023 1:00	1.7	258	48	4.1	0.0
1/12/2023 1:10	2.0	265	44	3.5	0.0
1/12/2023 1:20	1.8	257	42	3.3	0.0
1/12/2023 1:30	2.1	272	32	4.0	0.0
1/12/2023 1:40	2.3	263	39	4.2	0.0
1/12/2023 1:50	2.0	267	58	4.2	0.0
1/12/2023 2:00	1.8	268	55	3.3	0.0
1/12/2023 2:10	2.2	268	41	4.0	0.0
1/12/2023 2:20	2.3	266	48	4.8	0.0
1/12/2023 2:30	2.7	272	31	4.9	0.0
1/12/2023 2:40	2.3	268	36	4.4	0.0
1/12/2023 2:50	2.5	251	45	4.8	0.0
1/12/2023 3:00	2.1	259	46	3.8	0.0
1/12/2023 3:10	1.9	251	53	3.6	0.0
1/12/2023 3:20	1.6	254	62	3.9	0.0
1/12/2023 3:30	2.2	255	37	4.4	0.0
1/12/2023 3:40	1.8	267	54	4.0	0.0
1/12/2023 3:50	2.2	255	42	3.8	0.0
1/12/2023 4:00	1.9	253	51	3.6	0.0
1/12/2023 4:10	2.1	249	45	4.4	0.0
1/12/2023 4:20	2.0	265	40	4.2	0.0
1/12/2023 4:30	2.2	260	46	4.0	0.0
1/12/2023 4:40	1.7	255	62	3.4	0.0
1/12/2023 4:50	2.0	265	40	3.5	0.0
1/12/2023 5:00	2.3	258	39	4.4	0.0
1/12/2023 5:10	2.5	253	41	4.9	0.0
1/12/2023 5:20	2.5	256	37	4.5	0.0
1/12/2023 5:30	1.9	253	60	4.1	0.0
1/12/2023 5:40	2.0	244	46	4.1	0.0
1/12/2023 5:50	1.5	236	67	3.3	0.0
1/12/2023 6:00	1.9	249	54	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/12/2023 6:10	2.5	256	32	4.9	0.0
1/12/2023 6:20	1.7	211	61	3.6	0.0
1/12/2023 6:30	2.0	252	52	5.0	0.0
1/12/2023 6:40	2.0	260	44	3.6	0.0
1/12/2023 6:50	2.3	268	39	5.5	0.0
1/12/2023 7:00	2.1	231	55	4.7	0.0
1/12/2023 7:10	2.1	251	56	4.2	0.0
1/12/2023 7:20	1.9	267	61	3.9	0.0
1/12/2023 7:30	2.6	249	48	4.7	0.0
1/12/2023 7:40	3.1	242	41	6.0	0.0
1/12/2023 7:50	3.2	250	42	5.7	0.0
1/12/2023 8:00	2.3	248	43	4.5	0.0
1/12/2023 8:10	2.4	260	40	4.4	0.0
1/12/2023 8:20	2.4	250	51	4.7	0.0
1/12/2023 8:30	2.1	240	47	4.0	0.0
1/12/2023 8:40	3.8	272	26	6.4	0.0
1/12/2023 8:50	4.2	273	22	6.6	0.0
1/12/2023 9:00	3.2	263	36	5.9	0.0
1/12/2023 9:10	3.8	270	27	6.9	0.0
1/12/2023 9:20	3.8	259	39	6.5	0.0
1/12/2023 9:30	4.1	276	21	6.6	0.0
1/12/2023 9:40	4.6	270	22	8.1	0.0
1/12/2023 9:50	4.5	276	23	7.0	0.0
1/12/2023 10:00	4.5	276	25	7.3	0.0
1/12/2023 10:10	4.6	288	23	6.8	0.0
1/12/2023 10:20	4.7	269	23	7.3	0.0
1/12/2023 10:30	4.5	279	22	7.5	0.0
1/12/2023 10:40	5.3	277	18	8.5	0.0
1/12/2023 10:50	4.8	274	27	7.9	0.0
1/12/2023 11:00	4.6	270	25	7.1	0.0
1/12/2023 11:10	5.7	278	23	8.4	0.0
1/12/2023 11:20	5.1	275	24	8.6	0.0
1/12/2023 11:30	5.5	268	25	8.8	0.0
1/12/2023 11:40	5.3	276	22	8.3	0.0
1/12/2023 11:50	5.1	275	28	8.2	0.0
1/12/2023 12:00	5.5	274	22	8.8	0.0
1/12/2023 12:10	5.9	272	21	9.3	0.0
1/12/2023 12:20	5.5	273	20	8.2	0.0
1/12/2023 12:30	5.6	273	21	8.7	0.0
1/12/2023 12:40	5.6	272	21	8.3	0.0
1/12/2023 12:50	5.3	270	22	8.0	0.0
1/12/2023 13:00	5.6	271	20	8.4	0.0
1/12/2023 13:10	4.8	267	34	8.3	0.0
1/12/2023 13:20	4.8	266	27	8.3	0.0
1/12/2023 13:30	5.4	265	26	8.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/12/2023 13:40	4.5	265	28	8.3	0.0
1/12/2023 13:50	4.0	271	40	7.3	0.0
1/12/2023 14:00	4.7	276	24	8.6	0.0
1/12/2023 14:10	4.4	271	21	6.8	0.0
1/12/2023 14:20	4.3	271	25	7.5	0.0
1/12/2023 14:30	5.3	281	19	7.7	0.0
1/12/2023 14:40	4.7	273	23	7.3	0.0
1/12/2023 14:50	4.9	276	22	7.9	0.0
1/12/2023 15:00	5.1	270	31	8.0	0.0
1/12/2023 15:10	5.0	275	27	8.3	0.0
1/12/2023 15:20	5.3	265	27	8.2	0.0
1/12/2023 15:30	5.0	267	33	9.3	0.0
1/12/2023 15:40	5.3	269	20	8.2	0.0
1/12/2023 15:50	5.7	269	23	8.7	0.0
1/12/2023 16:00	5.8	270	20	9.5	0.0
1/12/2023 16:10	5.2	264	30	9.1	0.0
1/12/2023 16:20	5.5	269	24	8.7	0.0
1/12/2023 16:30	4.9	270	23	8.7	0.0
1/12/2023 16:40	5.7	273	20	8.5	0.0
1/12/2023 16:50	5.2	273	22	7.9	0.0
1/12/2023 17:00	5.6	272	24	8.8	0.0
1/12/2023 17:10	5.5	271	19	8.7	0.0
1/12/2023 17:20	5.8	263	23	9.4	0.0
1/12/2023 17:30	5.1	269	28	8.3	0.0
1/12/2023 17:40	4.9	271	21	7.5	0.0
1/12/2023 17:50	5.0	273	23	7.5	0.0
1/12/2023 18:00	4.7	279	24	7.5	0.0
1/12/2023 18:10	5.2	282	19	8.1	0.0
1/12/2023 18:20	5.1	274	16	8.3	0.0
1/12/2023 18:30	4.7	280	23	7.5	0.0
1/12/2023 18:40	4.8	275	21	7.9	0.0
1/12/2023 18:50	4.9	280	19	7.3	0.0
1/12/2023 19:00	4.8	278	20	7.9	0.0
1/12/2023 19:10	4.8	272	18	8.0	0.0
1/12/2023 19:20	4.4	280	23	7.1	0.0
1/12/2023 19:30	4.4	282	19	7.8	0.0
1/12/2023 19:40	4.4	276	22	7.3	0.0
1/12/2023 19:50	4.5	269	25	7.5	0.0
1/12/2023 20:00	4.3	271	22	7.4	0.0
1/12/2023 20:10	4.2	268	22	7.3	0.0
1/12/2023 20:20	4.7	264	23	7.5	0.0
1/12/2023 20:30	4.3	267	25	6.6	0.0
1/12/2023 20:40	4.7	267	26	7.7	0.0
1/12/2023 20:50	4.9	269	24	9.0	0.0
1/12/2023 21:00	3.5	259	41	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
1/12/2023 21:10	3.7	267	40	6.4	0.0
1/12/2023 21:20	3.4	268	34	6.1	0.0
1/12/2023 21:30	2.5	262	51	5.1	0.0
1/12/2023 21:40	3.5	267	40	6.7	0.0
1/12/2023 21:50	3.0	257	50	6.2	0.0
1/12/2023 22:00	2.4	237	64	5.1	0.0
1/12/2023 22:10	2.4	259	52	5.2	0.0
1/12/2023 22:20	2.0	249	65	4.9	0.0
1/12/2023 22:30	2.1	236	60	4.4	0.0
1/12/2023 22:40	2.7	256	54	5.2	0.0
1/12/2023 22:50	2.8	254	44	5.3	0.0
1/12/2023 23:00	3.0	246	41	5.9	0.0
1/12/2023 23:10	2.7	254	41	5.2	0.0
1/12/2023 23:20	2.5	257	48	5.0	0.0
1/12/2023 23:30	2.4	268	62	4.5	0.0
1/12/2023 23:40	2.5	234	55	5.2	0.0
1/12/2023 23:50	2.9	251	48	5.6	0.0
2/12/2023 0:00	2.9	248	46	6.8	0.0
2/12/2023 0:10	2.3	233	61	4.8	0.0
2/12/2023 0:20	2.2	237	58	4.6	0.0
2/12/2023 0:30	2.8	250	40	5.2	0.0
2/12/2023 0:40	2.2	236	46	4.6	0.0
2/12/2023 0:50	2.4	225	67	4.3	0.0
2/12/2023 1:00	2.1	211	58	3.8	0.0
2/12/2023 1:10	1.8	237	57	4.0	0.0
2/12/2023 1:20	1.9	231	56	4.2	0.0
2/12/2023 1:30	1.8	248	51	3.8	0.0
2/12/2023 1:40	2.4	231	48	4.6	0.0
2/12/2023 1:50	2.0	243	65	3.8	0.0
2/12/2023 2:00	1.7	245	65	3.2	0.0
2/12/2023 2:10	1.3	215	48	3.2	0.0
2/12/2023 2:20	2.2	211	43	4.3	0.0
2/12/2023 2:30	2.1	203	48	4.2	0.0
2/12/2023 2:40	2.2	210	43	4.7	0.0
2/12/2023 2:50	2.3	212	38	4.5	0.0
2/12/2023 3:00	2.6	209	34	5.5	0.0
2/12/2023 3:10	2.0	210	55	4.0	0.0
2/12/2023 3:20	2.5	211	38	4.8	0.0
2/12/2023 3:30	2.1	217	65	5.0	0.0
2/12/2023 3:40	2.2	217	55	4.4	0.0
2/12/2023 3:50	2.2	225	55	5.6	0.0
2/12/2023 4:00	1.8	211	56	4.3	0.0
2/12/2023 4:10	2.8	219	37	5.8	0.0
2/12/2023 4:20	2.0	224	54	4.7	0.0
2/12/2023 4:30	1.8	240	66	3.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/12/2023 4:40	1.7	236	73	4.3	0.0
2/12/2023 4:50	2.4	257	42	4.8	0.0
2/12/2023 5:00	1.7	238	57	4.4	0.0
2/12/2023 5:10	1.5	256	64	3.1	0.0
2/12/2023 5:20	1.8	246	60	4.1	0.0
2/12/2023 5:30	1.6	218	70	3.3	0.0
2/12/2023 5:40	1.7	261	70	4.1	0.0
2/12/2023 5:50	2.0	255	65	4.5	0.0
2/12/2023 6:00	1.7	232	65	4.1	0.0
2/12/2023 6:10	2.2	262	43	4.3	0.0
2/12/2023 6:20	2.7	262	40	4.5	0.0
2/12/2023 6:30	1.9	247	53	3.8	0.0
2/12/2023 6:40	2.3	253	37	4.0	0.0
2/12/2023 6:50	2.1	266	50	3.9	0.0
2/12/2023 7:00	2.1	247	46	4.0	0.0
2/12/2023 7:10	2.3	231	41	4.8	0.0
2/12/2023 7:20	2.5	240	46	5.2	0.0
2/12/2023 7:30	2.1	253	43	4.4	0.0
2/12/2023 7:40	2.7	255	40	4.8	0.0
2/12/2023 7:50	2.4	270	28	5.3	0.0
2/12/2023 8:00	2.8	255	35	5.5	0.0
2/12/2023 8:10	3.0	263	38	5.2	0.0
2/12/2023 8:20	3.3	265	26	4.7	0.0
2/12/2023 8:30	3.2	269	23	4.9	0.0
2/12/2023 8:40	3.4	272	21	5.0	0.0
2/12/2023 8:50	3.4	268	24	5.4	0.0
2/12/2023 9:00	3.9	283	19	6.7	0.0
2/12/2023 9:10	4.0	273	20	6.1	0.0
2/12/2023 9:20	4.4	273	24	6.7	0.0
2/12/2023 9:30	4.5	268	19	7.2	0.0
2/12/2023 9:40	4.1	274	20	6.9	0.0
2/12/2023 9:50	4.3	282	21	7.1	0.0
2/12/2023 10:00	4.4	279	22	6.9	0.0
2/12/2023 10:10	4.6	276	24	7.2	0.0
2/12/2023 10:20	4.7	271	24	8.0	0.0
2/12/2023 10:30	4.8	279	21	7.1	0.0
2/12/2023 10:40	4.6	274	21	7.4	0.0
2/12/2023 10:50	5.3	275	19	8.3	0.0
2/12/2023 11:00	4.8	272	23	7.6	0.0
2/12/2023 11:10	5.0	275	23	7.5	0.0
2/12/2023 11:20	5.1	269	23	7.3	0.0
2/12/2023 11:30	4.9	280	20	7.9	0.0
2/12/2023 11:40	4.7	277	23	8.5	0.0
2/12/2023 11:50	5.1	269	26	8.1	0.0
2/12/2023 12:00	5.2	283	19	7.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/12/2023 12:10	4.9	273	23	8.3	0.0
2/12/2023 12:20	5.2	276	20	7.9	0.0
2/12/2023 12:30	4.6	273	25	7.2	0.0
2/12/2023 12:40	5.5	274	22	8.3	0.0
2/12/2023 12:50	5.2	275	20	8.4	0.0
2/12/2023 13:00	5.5	274	22	7.7	0.0
2/12/2023 13:10	5.3	269	23	8.0	0.0
2/12/2023 13:20	4.9	272	29	7.4	0.0
2/12/2023 13:30	5.4	266	22	7.9	0.0
2/12/2023 13:40	5.0	271	25	8.0	0.0
2/12/2023 13:50	5.2	273	22	8.0	0.0
2/12/2023 14:00	4.9	269	22	8.1	0.0
2/12/2023 14:10	5.3	270	20	7.9	0.0
2/12/2023 14:20	4.9	281	25	8.8	0.0
2/12/2023 14:30	5.5	302	22	9.7	0.0
2/12/2023 14:40	6.8	304	19	9.9	0.0
2/12/2023 14:50	6.3	294	21	9.9	0.0
2/12/2023 15:00	6.7	300	21	9.5	0.0
2/12/2023 15:10	6.4	297	19	9.6	0.0
2/12/2023 15:20	6.5	294	21	9.9	0.0
2/12/2023 15:30	5.7	289	24	9.2	0.0
2/12/2023 15:40	5.4	291	24	9.1	0.0
2/12/2023 15:50	5.9	298	21	9.3	0.0
2/12/2023 16:00	6.0	296	20	9.4	0.0
2/12/2023 16:10	6.4	301	20	9.7	0.0
2/12/2023 16:20	5.5	296	22	8.7	0.0
2/12/2023 16:30	6.2	294	22	9.6	0.0
2/12/2023 16:40	6.5	301	17	9.4	0.0
2/12/2023 16:50	6.6	298	18	9.7	0.0
2/12/2023 17:00	5.5	292	21	9.1	0.0
2/12/2023 17:10	6.0	297	21	9.7	0.0
2/12/2023 17:20	5.1	287	26	8.7	0.0
2/12/2023 17:30	5.5	289	24	8.5	0.0
2/12/2023 17:40	4.9	282	24	8.1	0.0
2/12/2023 17:50	5.2	277	19	8.6	0.0
2/12/2023 18:00	5.0	278	22	7.5	0.0
2/12/2023 18:10	4.6	273	21	7.0	0.0
2/12/2023 18:20	3.9	275	26	7.1	0.0
2/12/2023 18:30	3.9	272	25	6.4	0.0
2/12/2023 18:40	3.6	272	22	7.0	0.0
2/12/2023 18:50	3.9	276	21	6.6	0.0
2/12/2023 19:00	3.6	276	23	6.5	0.0
2/12/2023 19:10	3.7	272	23	6.0	0.0
2/12/2023 19:20	4.2	276	24	6.6	0.0
2/12/2023 19:30	3.2	276	23	5.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
2/12/2023 19:40	3.6	272	26	6.1	0.0
2/12/2023 19:50	3.6	265	22	5.7	0.0
2/12/2023 20:00	3.6	267	26	5.9	0.0
2/12/2023 20:10	3.3	278	23	5.5	0.0
2/12/2023 20:20	3.6	268	28	6.4	0.0
2/12/2023 20:30	3.1	267	30	5.6	0.0
2/12/2023 20:40	3.4	268	27	5.3	0.0
2/12/2023 20:50	3.3	269	26	5.5	0.0
2/12/2023 21:00	3.1	267	25	5.2	0.0
2/12/2023 21:10	3.5	266	25	6.0	0.0
2/12/2023 21:20	3.6	271	27	5.4	0.0
2/12/2023 21:30	2.8	266	36	5.2	0.0
2/12/2023 21:40	2.9	261	41	5.6	0.0
2/12/2023 21:50	2.8	262	40	5.4	0.0
2/12/2023 22:00	3.1	264	27	5.5	0.0
2/12/2023 22:10	2.6	274	31	4.8	0.0
2/12/2023 22:20	3.1	276	32	5.0	0.0
2/12/2023 22:30	2.5	270	30	4.7	0.0
2/12/2023 22:40	2.8	266	27	5.2	0.0
2/12/2023 22:50	2.1	256	52	4.0	0.0
2/12/2023 23:00	1.8	267	42	3.5	0.0
2/12/2023 23:10	1.8	270	43	4.0	0.0
2/12/2023 23:20	1.5	253	50	3.5	0.0
2/12/2023 23:30	2.2	271	35	3.8	0.0
2/12/2023 23:40	1.9	267	35	3.7	0.0
2/12/2023 23:50	1.4	258	52	3.1	0.0
3/12/2023 0:00	1.5	256	59	3.0	0.0
3/12/2023 0:10	2.4	280	26	4.3	0.0
3/12/2023 0:20	1.7	254	55	3.6	0.0
3/12/2023 0:30	2.3	266	29	3.9	0.0
3/12/2023 0:40	2.2	280	37	3.9	0.0
3/12/2023 0:50	1.7	273	29	3.9	0.0
3/12/2023 1:00	2.4	273	25	4.5	0.0
3/12/2023 1:10	2.5	260	34	4.4	0.0
3/12/2023 1:20	1.9	259	43	3.6	0.0
3/12/2023 1:30	1.3	240	34	3.0	0.0
3/12/2023 1:40	1.8	266	51	3.4	0.0
3/12/2023 1:50	1.8	253	45	3.3	0.0
3/12/2023 2:00	1.5	253	48	3.6	0.0
3/12/2023 2:10	1.4	287	39	2.8	0.0
3/12/2023 2:20	2.4	279	33	4.0	0.0
3/12/2023 2:30	1.9	267	40	4.4	0.0
3/12/2023 2:40	1.9	263	47	3.9	0.0
3/12/2023 2:50	1.9	252	54	3.7	0.0
3/12/2023 3:00	1.5	267	56	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/12/2023 3:10	1.6	270	46	3.2	0.0
3/12/2023 3:20	1.4	258	40	3.8	0.0
3/12/2023 3:30	1.5	269	67	3.1	0.0
3/12/2023 3:40	1.4	241	52	3.5	0.0
3/12/2023 3:50	1.6	260	45	2.8	0.0
3/12/2023 4:00	1.4	260	34	3.4	0.0
3/12/2023 4:10	1.4	247	54	3.0	0.0
3/12/2023 4:20	2.1	251	35	3.9	0.0
3/12/2023 4:30	1.7	252	53	3.3	0.0
3/12/2023 4:40	1.8	257	37	3.0	0.0
3/12/2023 4:50	0.8	266	52	2.8	0.0
3/12/2023 5:00	1.4	283	41	3.1	0.0
3/12/2023 5:10	1.4	247	60	4.1	0.0
3/12/2023 5:20	1.7	240	37	3.6	0.0
3/12/2023 5:30	0.6	230	53	1.9	0.0
3/12/2023 5:40	1.0	259	36	2.7	0.0
3/12/2023 5:50	0.5	238	28	2.2	0.0
3/12/2023 6:00	0.7	267	34	2.5	0.0
3/12/2023 6:10	0.6	247	28	3.2	0.0
3/12/2023 6:20	2.0	257	37	4.2	0.0
3/12/2023 6:30	1.5	270	59	4.0	0.0
3/12/2023 6:40	1.8	242	60	4.0	0.0
3/12/2023 6:50	1.8	234	53	3.8	0.0
3/12/2023 7:00	2.0	246	44	4.3	0.0
3/12/2023 7:10	2.6	257	39	4.5	0.0
3/12/2023 7:20	2.9	265	36	5.5	0.0
3/12/2023 7:30	3.0	274	25	5.9	0.0
3/12/2023 7:40	3.3	274	28	5.8	0.0
3/12/2023 7:50	3.3	272	19	5.3	0.0
3/12/2023 8:00	3.3	271	24	6.0	0.0
3/12/2023 8:10	3.6	265	30	6.2	0.0
3/12/2023 8:20	3.2	275	24	5.4	0.0
3/12/2023 8:30	3.9	279	21	6.0	0.0
3/12/2023 8:40	3.9	280	21	5.8	0.0
3/12/2023 8:50	4.1	280	25	5.6	0.0
3/12/2023 9:00	4.0	292	22	6.1	0.0
3/12/2023 9:10	3.7	282	22	6.0	0.0
3/12/2023 9:20	3.1	281	24	5.5	0.0
3/12/2023 9:30	4.0	276	20	6.2	0.0
3/12/2023 9:40	3.6	286	28	5.9	0.0
3/12/2023 9:50	3.6	272	21	5.9	0.0
3/12/2023 10:00	4.0	275	23	6.1	0.0
3/12/2023 10:10	3.7	278	23	5.6	0.0
3/12/2023 10:20	3.6	280	23	5.6	0.0
3/12/2023 10:30	3.7	284	23	6.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/12/2023 10:40	3.5	280	21	5.4	0.0
3/12/2023 10:50	3.4	279	22	5.2	0.0
3/12/2023 11:00	3.5	262	23	5.1	0.0
3/12/2023 11:10	3.4	272	22	5.6	0.0
3/12/2023 11:20	3.3	272	22	4.8	0.0
3/12/2023 11:30	3.2	268	21	5.1	0.0
3/12/2023 11:40	3.6	294	24	5.6	0.0
3/12/2023 11:50	3.7	289	24	6.0	0.0
3/12/2023 12:00	4.0	297	21	6.0	0.0
3/12/2023 12:10	4.7	300	19	6.9	0.0
3/12/2023 12:20	4.9	294	23	7.3	0.0
3/12/2023 12:30	4.5	297	25	7.3	0.0
3/12/2023 12:40	4.7	288	23	8.0	0.0
3/12/2023 12:50	4.9	293	22	7.6	0.0
3/12/2023 13:00	4.8	288	20	7.9	0.0
3/12/2023 13:10	5.0	293	21	8.5	0.0
3/12/2023 13:20	4.9	295	22	7.5	0.0
3/12/2023 13:30	5.8	298	17	8.7	0.0
3/12/2023 13:40	5.3	293	18	8.8	0.0
3/12/2023 13:50	5.0	294	21	7.8	0.0
3/12/2023 14:00	5.4	296	19	8.2	0.0
3/12/2023 14:10	5.1	300	18	7.9	0.0
3/12/2023 14:20	4.6	302	21	7.1	0.0
3/12/2023 14:30	5.1	306	21	7.4	0.0
3/12/2023 14:40	4.8	310	21	7.6	0.0
3/12/2023 14:50	4.8	313	21	7.7	0.0
3/12/2023 15:00	5.0	300	18	8.0	0.0
3/12/2023 15:10	4.6	300	21	7.4	0.0
3/12/2023 15:20	4.7	292	22	7.6	0.0
3/12/2023 15:30	4.9	300	20	7.4	0.0
3/12/2023 15:40	5.0	296	22	7.4	0.0
3/12/2023 15:50	4.8	294	22	7.4	0.0
3/12/2023 16:00	4.7	281	22	6.9	0.0
3/12/2023 16:10	4.4	295	28	6.6	0.0
3/12/2023 16:20	4.4	297	23	7.3	0.0
3/12/2023 16:30	4.5	286	24	6.7	0.0
3/12/2023 16:40	5.3	294	22	8.1	0.0
3/12/2023 16:50	5.1	282	20	7.3	0.0
3/12/2023 17:00	4.5	275	21	6.6	0.0
3/12/2023 17:10	4.7	281	22	7.8	0.0
3/12/2023 17:20	4.3	294	23	6.9	0.0
3/12/2023 17:30	4.8	285	23	7.5	0.0
3/12/2023 17:40	5.2	297	22	8.4	0.0
3/12/2023 17:50	4.8	292	21	7.6	0.0
3/12/2023 18:00	5.4	298	22	7.7	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
3/12/2023 18:10	5.2	300	22	7.5	0.0
3/12/2023 18:20	4.6	284	21	7.5	0.0
3/12/2023 18:30	5.0	299	21	7.5	0.0
3/12/2023 18:40	4.6	291	23	7.2	0.0
3/12/2023 18:50	5.0	298	21	7.9	0.0
3/12/2023 19:00	3.9	290	22	5.9	0.0
3/12/2023 19:10	3.6	285	28	6.2	0.0
3/12/2023 19:20	4.2	300	21	6.9	0.0
3/12/2023 19:30	4.2	291	23	7.1	0.0
3/12/2023 19:40	3.9	297	23	7.0	0.0
3/12/2023 19:50	3.9	281	24	6.4	0.0
3/12/2023 20:00	4.0	294	26	7.0	0.0
3/12/2023 20:10	3.9	280	23	6.8	0.0
3/12/2023 20:20	3.4	281	27	5.9	0.0
3/12/2023 20:30	3.4	275	28	6.0	0.0
3/12/2023 20:40	3.1	270	26	5.2	0.0
3/12/2023 20:50	3.0	269	28	4.8	0.0
3/12/2023 21:00	3.2	268	25	4.9	0.0
3/12/2023 21:10	2.9	273	24	5.4	0.0
3/12/2023 21:20	3.3	269	21	5.5	0.0
3/12/2023 21:30	3.3	278	23	5.1	0.0
3/12/2023 21:40	2.7	276	25	4.4	0.0
3/12/2023 21:50	2.8	273	30	4.4	0.0
3/12/2023 22:00	2.8	272	33	5.0	0.0
3/12/2023 22:10	3.3	268	22	5.1	0.0
3/12/2023 22:20	3.4	272	20	5.2	0.0
3/12/2023 22:30	3.0	275	23	4.5	0.0
3/12/2023 22:40	3.2	268	28	5.1	0.0
3/12/2023 22:50	2.8	271	29	4.7	0.0
3/12/2023 23:00	2.8	283	19	4.4	0.0
3/12/2023 23:10	2.7	285	22	4.4	0.0
3/12/2023 23:20	2.3	278	24	3.8	0.0
3/12/2023 23:30	2.6	275	19	4.0	0.0
3/12/2023 23:40	2.4	273	20	3.5	0.0
3/12/2023 23:50	2.2	278	28	3.7	0.0
4/12/2023 0:00	2.0	280	28	3.2	0.0
4/12/2023 0:10	2.3	276	26	4.0	0.0
4/12/2023 0:20	2.5	280	25	4.0	0.0
4/12/2023 0:30	2.6	271	21	4.2	0.0
4/12/2023 0:40	2.8	267	27	4.4	0.0
4/12/2023 0:50	2.9	271	21	4.4	0.0
4/12/2023 1:00	2.9	267	27	5.2	0.0
4/12/2023 1:10	2.6	269	43	4.4	0.0
4/12/2023 1:20	2.5	267	30	4.2	0.0
4/12/2023 1:30	2.5	273	31	4.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/12/2023 1:40	2.1	275	42	4.0	0.0
4/12/2023 1:50	2.3	275	31	4.0	0.0
4/12/2023 2:00	2.0	254	39	3.9	0.0
4/12/2023 2:10	2.1	260	37	3.8	0.0
4/12/2023 2:20	1.8	253	39	3.3	0.0
4/12/2023 2:30	1.9	281	30	3.5	0.0
4/12/2023 2:40	2.7	267	24	4.8	0.0
4/12/2023 2:50	2.0	258	41	3.6	0.0
4/12/2023 3:00	1.8	267	39	3.9	0.0
4/12/2023 3:10	2.2	271	30	4.1	0.0
4/12/2023 3:20	2.4	265	36	4.4	0.0
4/12/2023 3:30	2.4	258	36	4.1	0.0
4/12/2023 3:40	2.6	269	34	4.8	0.0
4/12/2023 3:50	2.4	269	23	4.7	0.0
4/12/2023 4:00	2.8	266	27	5.0	0.0
4/12/2023 4:10	2.6	275	26	4.2	0.0
4/12/2023 4:20	2.6	276	23	4.4	0.0
4/12/2023 4:30	1.8	267	35	3.6	0.0
4/12/2023 4:40	1.5	248	22	3.1	0.0
4/12/2023 4:50	1.8	226	46	3.6	0.0
4/12/2023 5:00	0.9	218	35	2.7	0.0
4/12/2023 5:10	1.1	268	25	2.7	0.0
4/12/2023 5:20	1.1	251	34	2.8	0.0
4/12/2023 5:30	1.3	236	38	2.8	0.0
4/12/2023 5:40	2.2	280	21	3.1	0.0
4/12/2023 5:50	1.8	286	19	2.8	0.0
4/12/2023 6:00	1.3	283	22	3.2	0.0
4/12/2023 6:10	1.2	263	27	2.0	0.0
4/12/2023 6:20	0.6	264	23	1.4	0.0
4/12/2023 6:30	1.4	286	24	2.6	0.0
4/12/2023 6:40	1.6	274	22	2.8	0.0
4/12/2023 6:50	1.3	275	23	2.1	0.0
4/12/2023 7:00	1.2	267	28	2.0	0.0
4/12/2023 7:10	1.6	290	31	2.5	0.0
4/12/2023 7:20	1.8	271	19	2.7	0.0
4/12/2023 7:30	1.6	280	24	2.7	0.0
4/12/2023 7:40	1.7	299	28	2.9	0.0
4/12/2023 7:50	1.3	295	31	2.6	0.0
4/12/2023 8:00	1.6	328	19	3.7	0.0
4/12/2023 8:10	2.9	349	23	4.1	0.0
4/12/2023 8:20	2.5	176	21	3.6	0.0
4/12/2023 8:30	2.4	335	35	4.4	0.0
4/12/2023 8:40	3.3	356	18	5.0	0.0
4/12/2023 8:50	3.1	345	23	5.0	0.0
4/12/2023 9:00	3.6	177	21	5.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/12/2023 9:10	3.4	347	22	5.2	0.0
4/12/2023 9:20	3.0	340	25	4.6	0.0
4/12/2023 9:30	3.1	329	18	5.2	0.0
4/12/2023 9:40	3.2	332	30	5.2	0.0
4/12/2023 9:50	3.3	312	25	5.2	0.0
4/12/2023 10:00	3.5	323	23	6.0	0.0
4/12/2023 10:10	4.1	330	15	6.0	0.0
4/12/2023 10:20	4.4	332	12	6.5	0.0
4/12/2023 10:30	4.7	329	14	6.3	0.0
4/12/2023 10:40	4.3	322	17	6.4	0.0
4/12/2023 10:50	3.8	328	15	5.9	0.0
4/12/2023 11:00	3.7	332	24	5.6	0.0
4/12/2023 11:10	3.6	320	18	5.8	0.0
4/12/2023 11:20	3.9	324	17	5.9	0.0
4/12/2023 11:30	3.7	325	20	5.5	0.0
4/12/2023 11:40	4.2	322	16	6.0	0.0
4/12/2023 11:50	4.0	323	16	6.2	0.0
4/12/2023 12:00	4.2	325	18	6.4	0.0
4/12/2023 12:10	3.1	291	27	4.7	0.0
4/12/2023 12:20	3.3	299	31	5.9	0.0
4/12/2023 12:30	4.2	320	17	6.5	0.0
4/12/2023 12:40	5.2	334	15	7.2	0.0
4/12/2023 12:50	4.5	325	13	6.5	0.0
4/12/2023 13:00	4.8	330	12	6.4	0.0
4/12/2023 13:10	5.1	323	14	7.9	0.0
4/12/2023 13:20	5.1	331	14	6.9	0.0
4/12/2023 13:30	4.6	325	19	6.5	0.0
4/12/2023 13:40	5.4	326	14	7.1	0.0
4/12/2023 13:50	5.0	327	16	7.0	0.0
4/12/2023 14:00	5.1	324	16	7.4	0.0
4/12/2023 14:10	5.2	325	14	6.7	0.0
4/12/2023 14:20	4.1	316	19	6.0	0.0
4/12/2023 14:30	4.1	306	22	6.4	0.0
4/12/2023 14:40	4.3	314	24	6.6	0.0
4/12/2023 14:50	4.1	302	21	6.0	0.0
4/12/2023 15:00	3.9	296	23	6.1	0.0
4/12/2023 15:10	3.8	290	25	5.6	0.0
4/12/2023 15:20	4.5	281	20	6.8	0.0
4/12/2023 15:30	4.2	279	21	6.4	0.0
4/12/2023 15:40	4.2	290	22	6.5	0.0
4/12/2023 15:50	4.5	298	21	7.1	0.0
4/12/2023 16:00	4.5	281	25	6.5	0.0
4/12/2023 16:10	4.6	290	21	7.1	0.0
4/12/2023 16:20	4.3	299	23	7.4	0.0
4/12/2023 16:30	4.1	298	27	6.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
4/12/2023 16:40	4.5	291	24	6.6	0.0
4/12/2023 16:50	4.6	299	23	7.0	0.0
4/12/2023 17:00	4.5	298	23	7.6	0.0
4/12/2023 17:10	4.1	292	27	6.8	0.0
4/12/2023 17:20	4.2	298	20	6.7	0.0
4/12/2023 17:30	4.5	288	22	6.8	0.0
4/12/2023 17:40	4.6	282	22	6.9	0.0
4/12/2023 17:50	4.9	295	19	6.8	0.0
4/12/2023 18:00	4.1	285	22	5.9	0.0
4/12/2023 18:10	3.9	284	20	6.4	0.0
4/12/2023 18:20	4.1	279	22	6.0	0.0
4/12/2023 18:30	4.4	290	22	6.5	0.0
4/12/2023 18:40	4.2	288	18	6.6	0.0
4/12/2023 18:50	4.1	286	19	6.0	0.0
4/12/2023 19:00	3.5	279	17	5.6	0.0
4/12/2023 19:10	3.0	270	24	4.8	0.0
4/12/2023 19:20	2.8	271	20	4.8	0.0
4/12/2023 19:30	3.1	274	22	5.1	0.0
4/12/2023 19:40	3.1	274	23	4.8	0.0
4/12/2023 19:50	2.9	277	23	4.4	0.0
4/12/2023 20:00	3.1	296	21	4.6	0.0
4/12/2023 20:10	2.4	270	31	4.3	0.0
4/12/2023 20:20	2.7	281	23	4.6	0.0
4/12/2023 20:30	3.6	278	16	5.3	0.0
4/12/2023 20:40	3.4	286	17	5.5	0.0
4/12/2023 20:50	2.6	275	28	4.5	0.0
4/12/2023 21:00	2.1	261	43	3.8	0.0
4/12/2023 21:10	2.6	271	42	5.4	0.0
4/12/2023 21:20	2.0	269	60	4.0	0.0
4/12/2023 21:30	2.2	264	51	4.6	0.0
4/12/2023 21:40	2.6	269	44	5.1	0.0
4/12/2023 21:50	1.3	211	60	3.3	0.0
4/12/2023 22:00	2.3	246	44	4.4	0.0
4/12/2023 22:10	1.5	225	43	3.1	0.0
4/12/2023 22:20	1.9	262	54	3.8	0.0
4/12/2023 22:30	1.9	246	60	4.0	0.0
4/12/2023 22:40	1.0	251	39	2.8	0.0
4/12/2023 22:50	1.9	273	27	3.1	0.0
4/12/2023 23:00	1.9	251	44	3.1	0.0
4/12/2023 23:10	2.4	264	29	4.2	0.0
4/12/2023 23:20	2.2	248	45	3.7	0.0
4/12/2023 23:30	2.0	232	40	4.2	0.0
4/12/2023 23:40	1.8	232	49	4.1	0.0
4/12/2023 23:50	1.5	226	48	3.6	0.0
5/12/2023 0:00	1.8	205	46	3.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/12/2023 0:10	1.7	204	52	3.7	0.0
5/12/2023 0:20	1.8	240	43	3.8	0.0
5/12/2023 0:30	1.6	222	56	3.4	0.0
5/12/2023 0:40	0.9	227	64	3.2	0.0
5/12/2023 0:50	0.8	288	30	2.4	0.0
5/12/2023 1:00	0.3	281	21	2.7	0.0
5/12/2023 1:10					0.0
5/12/2023 1:20					0.0
5/12/2023 1:30					0.0
5/12/2023 1:40					0.0
5/12/2023 1:50					0.0
5/12/2023 2:00					0.0
5/12/2023 2:10					0.0
5/12/2023 2:20					0.0
5/12/2023 2:30					0.0
5/12/2023 2:40					0.0
5/12/2023 2:50					0.0
5/12/2023 3:00					0.0
5/12/2023 3:10					0.0
5/12/2023 3:20					0.0
5/12/2023 3:30					0.0
5/12/2023 3:40					0.0
5/12/2023 3:50					0.0
5/12/2023 4:00					0.0
5/12/2023 4:10					0.0
5/12/2023 4:20					0.0
5/12/2023 4:30					0.0
5/12/2023 4:40					0.0
5/12/2023 4:50					0.0
5/12/2023 5:00					0.0
5/12/2023 5:10					0.0
5/12/2023 5:20					0.0
5/12/2023 5:30					0.0
5/12/2023 5:40					0.0
5/12/2023 5:50					0.0
5/12/2023 6:00					0.0
5/12/2023 6:10					0.0
5/12/2023 6:20					0.0
5/12/2023 6:30					0.0
5/12/2023 6:40					0.0
5/12/2023 6:50					0.0
5/12/2023 7:00					0.0
5/12/2023 7:10	0.1	273	13	0.4	0.0
5/12/2023 7:20	0.3	274	24	1.4	0.0
5/12/2023 7:30	1.5	296	23	3.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/12/2023 7:40	2.5	285	29	3.6	0.0
5/12/2023 7:50	2.2	278	24	3.2	0.0
5/12/2023 8:00	2.5	286	24	4.0	0.0
5/12/2023 8:10	2.5	271	21	3.9	0.0
5/12/2023 8:20	2.9	291	23	4.6	0.0
5/12/2023 8:30	2.8	289	30	4.2	0.0
5/12/2023 8:40	2.9	270	28	4.2	0.0
5/12/2023 8:50	2.8	268	25	4.4	0.0
5/12/2023 9:00	2.6	282	29	4.4	0.0
5/12/2023 9:10	2.3	275	31	3.7	0.0
5/12/2023 9:20	2.9	293	32	4.2	0.0
5/12/2023 9:30	2.8	295	31	4.5	0.0
5/12/2023 9:40	3.4	304	24	4.9	0.0
5/12/2023 9:50	3.5	304	24	5.2	0.0
5/12/2023 10:00	3.3	290	31	5.3	0.0
5/12/2023 10:10	3.3	287	26	5.0	0.0
5/12/2023 10:20	3.5	301	27	5.9	0.0
5/12/2023 10:30	3.7	298	26	5.6	0.0
5/12/2023 10:40	4.0	285	26	6.0	0.0
5/12/2023 10:50	3.6	299	25	5.6	0.0
5/12/2023 11:00	2.9	291	33	4.8	0.0
5/12/2023 11:10	3.8	309	33	6.4	0.0
5/12/2023 11:20	4.1	318	25	6.8	0.0
5/12/2023 11:30	4.6	321	20	6.8	0.0
5/12/2023 11:40	4.3	284	26	6.4	0.0
5/12/2023 11:50	4.1	293	22	6.7	0.0
5/12/2023 12:00	3.9	297	24	6.3	0.0
5/12/2023 12:10	3.3	275	26	5.5	0.0
5/12/2023 12:20	4.1	285	25	6.6	0.0
5/12/2023 12:30	3.3	280	26	5.2	0.0
5/12/2023 12:40	3.7	282	27	6.3	0.0
5/12/2023 12:50	3.7	284	24	6.7	0.0
5/12/2023 13:00	3.8	270	24	6.0	0.0
5/12/2023 13:10	3.6	272	21	5.6	0.0
5/12/2023 13:20	3.7	268	18	5.7	0.0
5/12/2023 13:30	3.8	267	24	6.0	0.0
5/12/2023 13:40	4.2	264	22	6.0	0.0
5/12/2023 13:50	4.0	271	21	6.0	0.0
5/12/2023 14:00	4.5	280	25	6.8	0.0
5/12/2023 14:10	4.3	277	25	6.7	0.0
5/12/2023 14:20	4.1	270	27	6.8	0.0
5/12/2023 14:30	4.4	279	19	7.0	0.0
5/12/2023 14:40	4.0	275	23	5.9	0.0
5/12/2023 14:50	3.9	266	22	6.4	0.0
5/12/2023 15:00	3.4	266	27	6.0	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/12/2023 15:10	4.6	272	16	8.0	0.0
5/12/2023 15:20	4.6	276	25	7.4	0.0
5/12/2023 15:30	4.1	280	24	7.1	0.0
5/12/2023 15:40	4.3	276	23	6.8	0.0
5/12/2023 15:50	4.5	274	21	7.8	0.0
5/12/2023 16:00	4.2	270	21	6.4	0.0
5/12/2023 16:10	3.8	274	20	6.1	0.0
5/12/2023 16:20	4.2	275	18	6.2	0.0
5/12/2023 16:30	4.2	278	15	6.1	0.0
5/12/2023 16:40	4.2	269	18	6.1	0.0
5/12/2023 16:50	3.8	272	23	5.6	0.0
5/12/2023 17:00	3.5	269	26	5.3	0.0
5/12/2023 17:10	3.7	273	19	6.1	0.0
5/12/2023 17:20	3.6	280	20	5.5	0.0
5/12/2023 17:30	3.4	277	21	4.9	0.0
5/12/2023 17:40	2.9	281	25	5.2	0.0
5/12/2023 17:50	2.8	288	26	4.1	0.0
5/12/2023 18:00	2.4	286	20	3.6	0.0
5/12/2023 18:10	2.3	273	23	3.8	0.0
5/12/2023 18:20	2.8	266	19	4.4	0.0
5/12/2023 18:30	2.6	271	19	4.0	0.0
5/12/2023 18:40	2.5	278	21	4.0	0.0
5/12/2023 18:50	2.5	294	20	3.9	0.0
5/12/2023 19:00	2.7	278	18	4.0	0.0
5/12/2023 19:10	2.8	281	22	4.4	0.0
5/12/2023 19:20	2.9	296	18	4.9	0.0
5/12/2023 19:30	2.8	283	21	4.4	0.0
5/12/2023 19:40	2.8	285	20	4.7	0.0
5/12/2023 19:50	3.4	278	20	5.4	0.0
5/12/2023 20:00	2.9	288	23	4.7	0.0
5/12/2023 20:10	3.0	288	19	4.4	0.0
5/12/2023 20:20	2.8	288	25	4.7	0.0
5/12/2023 20:30	2.7	286	21	4.4	0.0
5/12/2023 20:40	3.0	277	19	5.6	0.0
5/12/2023 20:50	2.7	281	23	4.5	0.0
5/12/2023 21:00	3.0	281	21	4.9	0.0
5/12/2023 21:10	2.5	272	30	3.9	0.0
5/12/2023 21:20	2.9	275	21	4.7	0.0
5/12/2023 21:30	2.4	281	20	3.7	0.0
5/12/2023 21:40	2.8	272	22	4.3	0.0
5/12/2023 21:50	3.0	272	20	4.5	0.0
5/12/2023 22:00	2.8	272	17	4.4	0.0
5/12/2023 22:10	2.5	258	32	4.7	0.0
5/12/2023 22:20	2.7	268	27	4.8	0.0
5/12/2023 22:30	3.0	272	29	4.8	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
5/12/2023 22:40	3.0	272	23	4.8	0.0
5/12/2023 22:50	3.2	259	20	5.1	0.0
5/12/2023 23:00	0.7	273	21	2.0	0.0
5/12/2023 23:10	0.2	270	17	0.4	0.0
5/12/2023 23:20	0.1	268	12	0.4	0.0
5/12/2023 23:30					0.0
5/12/2023 23:40					0.0
5/12/2023 23:50					0.0
6/12/2023 0:00					0.0
6/12/2023 0:10					0.0
6/12/2023 0:20					0.0
6/12/2023 0:30					0.0
6/12/2023 0:40					0.0
6/12/2023 0:50					0.0
6/12/2023 1:00					0.0
6/12/2023 1:10					0.0
6/12/2023 1:20					0.0
6/12/2023 1:30					0.0
6/12/2023 1:40					0.0
6/12/2023 1:50					0.0
6/12/2023 2:00					0.0
6/12/2023 2:10					0.0
6/12/2023 2:20					0.0
6/12/2023 2:30					0.0
6/12/2023 2:40					0.0
6/12/2023 2:50					0.0
6/12/2023 3:00					0.0
6/12/2023 3:10					0.0
6/12/2023 3:20					0.0
6/12/2023 3:30					0.0
6/12/2023 3:40					0.0
6/12/2023 3:50					0.0
6/12/2023 4:00					0.0
6/12/2023 4:10					0.0
6/12/2023 4:20					0.0
6/12/2023 4:30					0.0
6/12/2023 4:40					0.0
6/12/2023 4:50					0.0
6/12/2023 5:00					0.0
6/12/2023 5:10					0.0
6/12/2023 5:20					0.0
6/12/2023 5:30					0.0
6/12/2023 5:40					0.0
6/12/2023 5:50					0.0
6/12/2023 6:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/12/2023 6:10					0.0
6/12/2023 6:20					0.0
6/12/2023 6:30					0.0
6/12/2023 6:40					0.0
6/12/2023 6:50					0.0
6/12/2023 7:00	0.1	288	16	0.4	0.0
6/12/2023 7:10	0.5	272	29	1.2	0.0
6/12/2023 7:20	1.6	233	29	2.4	0.0
6/12/2023 7:30	1.4	259	24	2.0	0.0
6/12/2023 7:40	2.0	272	20	2.9	0.0
6/12/2023 7:50	1.7	262	25	2.5	0.0
6/12/2023 8:00	1.3	286	31	2.2	0.0
6/12/2023 8:10	1.5	277	23	2.3	0.0
6/12/2023 8:20	1.6	266	19	2.4	0.0
6/12/2023 8:30	1.9	263	28	3.1	0.0
6/12/2023 8:40	2.0	264	22	3.3	0.0
6/12/2023 8:50	1.4	299	54	2.4	0.0
6/12/2023 9:00	2.9	72	20	5.0	0.0
6/12/2023 9:10	2.4	77	20	3.6	0.0
6/12/2023 9:20	2.3	79	21	3.6	0.0
6/12/2023 9:30	2.6	71	17	3.6	0.0
6/12/2023 9:40	2.0	72	20	2.9	0.0
6/12/2023 9:50	2.7	71	15	3.9	0.0
6/12/2023 10:00	3.2	62	14	4.3	0.0
6/12/2023 10:10	3.3	63	16	4.2	0.0
6/12/2023 10:20	4.0	60	13	5.6	0.0
6/12/2023 10:30	4.3	50	16	5.9	0.0
6/12/2023 10:40	3.8	52	13	5.1	0.0
6/12/2023 10:50	4.5	58	11	5.7	0.0
6/12/2023 11:00	4.0	52	12	5.2	0.0
6/12/2023 11:10	4.1	58	11	5.5	0.0
6/12/2023 11:20	4.4	58	12	5.7	0.0
6/12/2023 11:30	3.9	64	13	5.6	0.0
6/12/2023 11:40	3.3	187	26	5.1	0.0
6/12/2023 11:50	3.2	343	29	5.0	0.0
6/12/2023 12:00	3.2	351	23	5.1	0.0
6/12/2023 12:10	3.3	326	24	5.2	0.0
6/12/2023 12:20	3.4	313	28	5.6	0.0
6/12/2023 12:30	2.9	306	21	4.8	0.0
6/12/2023 12:40	3.2	315	20	4.9	0.0
6/12/2023 12:50	3.2	335	24	4.8	0.0
6/12/2023 13:00	2.9	326	25	4.6	0.0
6/12/2023 13:10	2.6	313	33	4.6	0.0
6/12/2023 13:20	2.9	332	22	4.7	0.0
6/12/2023 13:30	3.1	318	29	5.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/12/2023 13:40	3.3	326	21	4.7	0.0
6/12/2023 13:50	3.1	279	26	5.6	0.0
6/12/2023 14:00	3.0	270	24	4.6	0.0
6/12/2023 14:10	3.0	276	25	4.3	0.0
6/12/2023 14:20	3.2	282	23	4.8	0.0
6/12/2023 14:30	3.5	284	18	4.9	0.0
6/12/2023 14:40	3.3	277	20	5.1	0.0
6/12/2023 14:50	3.0	273	26	4.6	0.0
6/12/2023 15:00	2.9	276	23	4.9	0.0
6/12/2023 15:10	4.0	297	17	5.6	0.0
6/12/2023 15:20	3.1	295	24	5.6	0.0
6/12/2023 15:30	3.7	300	22	5.4	0.0
6/12/2023 15:40	4.1	298	23	5.6	0.0
6/12/2023 15:50	3.5	283	23	5.5	0.0
6/12/2023 16:00	3.5	289	21	5.6	0.0
6/12/2023 16:10	3.1	287	23	4.9	0.0
6/12/2023 16:20	3.4	292	21	5.6	0.0
6/12/2023 16:30	3.8	292	26	5.6	0.0
6/12/2023 16:40	3.6	287	21	5.0	0.0
6/12/2023 16:50	3.4	297	20	5.2	0.0
6/12/2023 17:00	3.9	320	13	5.6	0.0
6/12/2023 17:10	3.2	301	22	4.5	0.0
6/12/2023 17:20	3.2	283	23	5.1	0.0
6/12/2023 17:30	3.5	278	19	5.0	0.0
6/12/2023 17:40	3.2	269	22	5.0	0.0
6/12/2023 17:50	3.4	288	21	5.6	0.0
6/12/2023 18:00	3.3	294	21	5.3	0.0
6/12/2023 18:10	3.2	282	21	4.9	0.0
6/12/2023 18:20	3.3	278	20	4.5	0.0
6/12/2023 18:30	3.6	261	21	5.7	0.0
6/12/2023 18:40	3.3	272	18	4.9	0.0
6/12/2023 18:50	3.1	283	18	4.6	0.0
6/12/2023 19:00	3.1	280	18	4.8	0.0
6/12/2023 19:10	2.5	286	26	4.1	0.0
6/12/2023 19:20	2.8	289	26	4.9	0.0
6/12/2023 19:30	3.1	286	20	4.7	0.0
6/12/2023 19:40	2.7	288	22	4.4	0.0
6/12/2023 19:50	3.0	269	19	4.5	0.0
6/12/2023 20:00	2.6	268	18	4.1	0.0
6/12/2023 20:10	2.5	256	27	3.9	0.0
6/12/2023 20:20	1.9	261	30	3.2	0.0
6/12/2023 20:30	1.9	275	26	3.2	0.0
6/12/2023 20:40	2.6	279	23	4.0	0.0
6/12/2023 20:50	2.9	261	20	4.4	0.0
6/12/2023 21:00	3.2	270	24	4.9	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
6/12/2023 21:10	2.4	285	28	3.9	0.0
6/12/2023 21:20	2.4	283	17	4.1	0.0
6/12/2023 21:30	2.5	283	25	4.3	0.0
6/12/2023 21:40	2.3	286	23	4.7	0.0
6/12/2023 21:50	1.8	294	18	2.8	0.0
6/12/2023 22:00	1.8	312	21	2.7	0.0
6/12/2023 22:10	2.9	326	15	4.5	0.0
6/12/2023 22:20	2.8	295	16	4.8	0.0
6/12/2023 22:30	2.5	296	19	3.8	0.0
6/12/2023 22:40	2.2	316	20	4.3	0.0
6/12/2023 22:50	1.6	300	26	3.4	0.0
6/12/2023 23:00	2.3	264	22	3.6	0.0
6/12/2023 23:10	3.0	260	17	4.4	0.0
6/12/2023 23:20	3.0	267	22	4.9	0.0
6/12/2023 23:30	2.9	258	24	4.8	0.0
6/12/2023 23:40	2.8	268	22	4.0	0.0
6/12/2023 23:50	2.5	279	18	3.5	0.0
7/12/2023 0:00	2.0	279	20	3.1	0.0
7/12/2023 0:10	2.0	274	17	3.3	0.0
7/12/2023 0:20	2.2	253	19	3.6	0.0
7/12/2023 0:30	1.7	261	26	2.9	0.0
7/12/2023 0:40	1.6	256	20	2.4	0.0
7/12/2023 0:50	1.5	276	26	2.4	0.0
7/12/2023 1:00	1.3	276	20	2.3	0.0
7/12/2023 1:10	1.5	279	18	2.2	0.0
7/12/2023 1:20	1.7	274	18	2.4	0.0
7/12/2023 1:30	1.9	265	17	2.5	0.0
7/12/2023 1:40	1.9	258	21	3.0	0.0
7/12/2023 1:50	1.5	238	25	2.3	0.0
7/12/2023 2:00	1.2	238	31	2.0	0.0
7/12/2023 2:10	1.2	231	32	2.3	0.0
7/12/2023 2:20	1.5	265	18	2.3	0.0
7/12/2023 2:30	1.4	263	17	2.0	0.0
7/12/2023 2:40	1.0	259	37	1.6	0.0
7/12/2023 2:50	1.5	276	16	2.2	0.0
7/12/2023 3:00	1.6	270	12	2.3	0.0
7/12/2023 3:10	1.1	260	31	1.8	0.0
7/12/2023 3:20	0.8	195	18	1.6	0.0
7/12/2023 3:30	0.9	278	11	1.6	0.0
7/12/2023 3:40	1.2	282	9	1.8	0.0
7/12/2023 3:50	1.1	275	20	1.7	0.0
7/12/2023 4:00	0.5	274	26	1.2	0.0
7/12/2023 4:10	1.3	276	31	2.0	0.0
7/12/2023 4:20	1.4	295	11	1.8	0.0
7/12/2023 4:30	1.3	194	38	2.1	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/12/2023 4:40	0.4	185	8	0.9	0.0
7/12/2023 4:50	0.8	303	13	1.1	0.0
7/12/2023 5:00	0.8	97	9	1.2	0.0
7/12/2023 5:10	0.3	267	4	0.9	0.0
7/12/2023 5:20					0.0
7/12/2023 5:30					0.0
7/12/2023 5:40	0.0	300	1	0.4	0.0
7/12/2023 5:50					0.0
7/12/2023 6:00					0.0
7/12/2023 6:10					0.0
7/12/2023 6:20	0.2	240	9	1.2	0.0
7/12/2023 6:30	0.8	195	20	2.1	0.0
7/12/2023 6:40	1.5	208	29	2.6	0.0
7/12/2023 6:50	1.8	203	18	2.6	0.0
7/12/2023 7:00	1.3	192	22	2.0	0.0
7/12/2023 7:10	1.6	199	20	2.7	0.0
7/12/2023 7:20	2.0	197	19	3.2	0.0
7/12/2023 7:30	2.1	187	19	3.5	0.0
7/12/2023 7:40	3.2	190	13	4.4	0.0
7/12/2023 7:50	3.2	201	15	4.4	0.0
7/12/2023 8:00	2.2	198	19	3.4	0.0
7/12/2023 8:10	1.8	200	18	3.2	0.0
7/12/2023 8:20	2.4	195	16	3.6	0.0
7/12/2023 8:30	3.2	200	12	4.7	0.0
7/12/2023 8:40	3.6	196	14	5.2	0.0
7/12/2023 8:50	3.4	193	15	4.9	0.0
7/12/2023 9:00	2.8	187	21	4.3	0.0
7/12/2023 9:10	2.2	115	28	3.3	0.0
7/12/2023 9:20	2.2	142	23	3.6	0.0
7/12/2023 9:30	1.7	135	36	3.2	0.0
7/12/2023 9:40	2.0	123	37	3.2	0.0
7/12/2023 9:50	2.8	97	24	4.0	0.0
7/12/2023 10:00	2.2	93	19	3.1	0.0
7/12/2023 10:10	2.3	80	18	3.2	0.0
7/12/2023 10:20	1.9	98	33	3.2	0.0
7/12/2023 10:30	2.6	128	25	4.3	0.0
7/12/2023 10:40	2.1	140	33	4.1	0.0
7/12/2023 10:50	2.8	78	27	4.1	0.0
7/12/2023 11:00	3.0	62	14	4.7	0.0
7/12/2023 11:10	2.1	67	13	3.1	0.0
7/12/2023 11:20	2.7	77	24	3.5	0.0
7/12/2023 11:30	3.3	56	13	4.5	0.0
7/12/2023 11:40	2.9	56	15	3.6	0.0
7/12/2023 11:50	2.7	58	18	3.9	0.0
7/12/2023 12:00	2.3	38	26	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/12/2023 12:10	2.9	271	46	4.6	0.0
7/12/2023 12:20	3.2	276	23	4.7	0.0
7/12/2023 12:30	3.8	279	21	5.7	0.0
7/12/2023 12:40	2.7	163	45	4.3	0.0
7/12/2023 12:50	2.9	299	29	4.6	0.0
7/12/2023 13:00	3.1	290	24	4.8	0.0
7/12/2023 13:10	3.3	291	25	4.8	0.0
7/12/2023 13:20	2.5	307	51	5.1	0.0
7/12/2023 13:30	5.6	55	23	9.2	0.0
7/12/2023 13:40	5.8	32	21	8.7	0.0
7/12/2023 13:50	6.9	44	13	9.1	0.0
7/12/2023 14:00	6.6	41	13	10.3	0.0
7/12/2023 14:10	6.4	38	15	8.9	0.0
7/12/2023 14:20	6.5	36	14	9.1	0.0
7/12/2023 14:30	6.9	38	14	8.8	0.0
7/12/2023 14:40	6.4	41	14	8.2	0.0
7/12/2023 14:50	6.9	35	11	8.8	0.0
7/12/2023 15:00	6.7	42	12	9.5	0.0
7/12/2023 15:10	6.5	40	12	9.1	0.0
7/12/2023 15:20	6.6	45	14	9.1	0.0
7/12/2023 15:30	5.9	45	14	8.5	0.0
7/12/2023 15:40	6.0	43	15	8.5	0.0
7/12/2023 15:50	5.6	46	12	8.1	0.0
7/12/2023 16:00	5.5	39	12	7.9	0.0
7/12/2023 16:10	5.4	37	13	6.9	0.0
7/12/2023 16:20	5.2	45	13	7.6	0.0
7/12/2023 16:30	4.3	26	20	6.4	0.0
7/12/2023 16:40	4.4	42	14	6.5	0.0
7/12/2023 16:50	5.1	43	12	7.2	0.0
7/12/2023 17:00	4.6	45	15	6.6	0.0
7/12/2023 17:10	4.3	183	18	5.6	0.0
7/12/2023 17:20	4.6	351	14	6.3	0.0
7/12/2023 17:30	4.4	343	16	6.5	0.0
7/12/2023 17:40	4.8	353	13	6.4	0.0
7/12/2023 17:50	4.8	345	15	6.7	0.0
7/12/2023 18:00	4.3	342	16	6.0	0.0
7/12/2023 18:10	4.6	342	11	6.4	0.0
7/12/2023 18:20	4.6	348	13	6.6	0.0
7/12/2023 18:30	3.8	344	13	6.2	0.0
7/12/2023 18:40	4.2	345	13	6.2	0.0
7/12/2023 18:50	3.7	330	15	6.1	0.0
7/12/2023 19:00	3.5	332	15	4.9	0.0
7/12/2023 19:10	3.1	341	13	4.4	0.0
7/12/2023 19:20	3.1	341	17	4.2	0.0
7/12/2023 19:30	3.0	338	16	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
7/12/2023 19:40	2.7	327	14	3.8	0.0
7/12/2023 19:50	3.2	331	11	4.2	0.0
7/12/2023 20:00	2.7	323	15	4.7	0.0
7/12/2023 20:10	2.8	319	19	4.8	0.0
7/12/2023 20:20	2.3	321	24	3.7	0.0
7/12/2023 20:30	2.2	295	26	3.7	0.0
7/12/2023 20:40	2.4	287	24	3.6	0.0
7/12/2023 20:50	2.9	318	16	4.7	0.0
7/12/2023 21:00	2.9	318	18	4.2	0.0
7/12/2023 21:10	2.2	309	24	3.4	0.0
7/12/2023 21:20	1.9	261	38	3.2	0.0
7/12/2023 21:30	1.8	253	42	3.2	0.0
7/12/2023 21:40	1.6	214	31	2.7	0.0
7/12/2023 21:50	1.5	226	41	2.7	0.0
7/12/2023 22:00	1.6	218	37	3.2	0.0
7/12/2023 22:10	1.1	228	53	2.1	0.0
7/12/2023 22:20	1.0	253	43	2.2	0.0
7/12/2023 22:30	1.6	284	27	2.4	0.0
7/12/2023 22:40	1.0	278	30	2.0	0.0
7/12/2023 22:50	0.5	257	26	1.6	0.0
7/12/2023 23:00	0.0	76	1	0.4	0.0
7/12/2023 23:10	1.6	215	43	2.9	0.0
7/12/2023 23:20	3.0	200	11	4.2	0.0
7/12/2023 23:30	3.5	197	10	5.1	0.0
7/12/2023 23:40	2.8	183	13	3.9	0.0
7/12/2023 23:50	3.1	186	11	4.4	0.0
8/12/2023 0:00	3.3	185	11	4.7	0.0
8/12/2023 0:10	3.8	189	10	5.2	0.0
8/12/2023 0:20	4.0	190	10	5.2	0.0
8/12/2023 0:30	3.2	176	18	5.0	0.0
8/12/2023 0:40	2.8	173	18	4.4	0.0
8/12/2023 0:50	2.4	166	19	4.2	0.0
8/12/2023 1:00	2.2	167	19	3.3	0.0
8/12/2023 1:10	2.3	170	20	3.6	0.0
8/12/2023 1:20	2.1	169	19	3.9	0.0
8/12/2023 1:30	2.0	175	26	3.0	0.0
8/12/2023 1:40	1.7	158	22	3.6	0.0
8/12/2023 1:50	1.1	161	23	2.4	0.0
8/12/2023 2:00	0.9	157	30	2.2	0.0
8/12/2023 2:10	1.6	140	22	2.6	0.0
8/12/2023 2:20	2.0	159	22	3.0	0.0
8/12/2023 2:30	2.5	200	16	3.9	0.0
8/12/2023 2:40	2.3	200	15	3.2	0.0
8/12/2023 2:50	2.2	155	19	3.1	0.0
8/12/2023 3:00	2.2	149	21	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/12/2023 3:10	2.1	161	25	3.2	0.0
8/12/2023 3:20	2.4	192	10	3.0	0.0
8/12/2023 3:30	2.0	188	14	2.8	0.0
8/12/2023 3:40	1.8	184	14	2.6	0.0
8/12/2023 3:50	1.9	196	12	2.8	0.0
8/12/2023 4:00	2.3	206	8	3.0	0.0
8/12/2023 4:10	2.0	201	10	2.8	0.0
8/12/2023 4:20	2.2	201	8	2.8	0.0
8/12/2023 4:30	0.9	166	40	1.7	0.0
8/12/2023 4:40	1.4	335	7	1.6	0.0
8/12/2023 4:50	0.4	210	22	1.2	0.0
8/12/2023 5:00	0.0	187	0	0.4	0.0
8/12/2023 5:10	0.0	100	2	0.6	0.0
8/12/2023 5:20	0.7	247	37	1.9	0.0
8/12/2023 5:30	1.3	268	16	2.0	0.0
8/12/2023 5:40	1.1	243	37	2.4	0.0
8/12/2023 5:50	1.7	260	20	2.5	0.0
8/12/2023 6:00	1.9	258	15	2.8	0.0
8/12/2023 6:10	2.1	256	17	3.0	0.0
8/12/2023 6:20	1.7	262	19	2.8	0.0
8/12/2023 6:30	1.9	259	21	2.9	0.0
8/12/2023 6:40	1.7	263	23	2.6	0.0
8/12/2023 6:50	1.7	238	33	3.0	0.0
8/12/2023 7:00	2.8	213	24	4.7	0.0
8/12/2023 7:10	2.6	207	28	4.2	0.0
8/12/2023 7:20	2.6	213	26	4.6	0.0
8/12/2023 7:30	2.1	218	28	3.2	0.0
8/12/2023 7:40	1.9	222	41	3.3	0.0
8/12/2023 7:50	1.8	216	40	3.8	0.0
8/12/2023 8:00	2.2	215	26	3.5	0.0
8/12/2023 8:10	2.3	203	23	3.8	0.0
8/12/2023 8:20	3.2	208	22	5.1	0.0
8/12/2023 8:30	3.4	209	17	5.0	0.0
8/12/2023 8:40	3.0	204	16	4.3	0.0
8/12/2023 8:50	3.0	206	18	4.7	0.0
8/12/2023 9:00	3.0	187	20	4.7	0.0
8/12/2023 9:10	3.8	195	17	5.0	0.0
8/12/2023 9:20	4.5	195	14	6.8	0.0
8/12/2023 9:30	3.8	190	19	6.0	0.0
8/12/2023 9:40	4.7	193	15	6.8	0.0
8/12/2023 9:50	3.2	191	20	5.3	0.0
8/12/2023 10:00	3.4	203	17	5.2	0.0
8/12/2023 10:10	3.6	187	18	5.6	0.0
8/12/2023 10:20	2.7	180	30	4.5	0.0
8/12/2023 10:30	2.8	163	32	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/12/2023 10:40	3.0	202	22	4.8	0.0
8/12/2023 10:50	2.9	176	32	5.3	0.0
8/12/2023 11:00	3.5	192	19	5.7	0.0
8/12/2023 11:10	3.4	259	29	6.0	0.0
8/12/2023 11:20	3.8	272	22	6.0	0.0
8/12/2023 11:30	3.9	287	24	6.0	0.0
8/12/2023 11:40	3.7	275	20	5.4	0.0
8/12/2023 11:50	4.0	279	22	6.7	0.0
8/12/2023 12:00	3.9	282	23	6.3	0.0
8/12/2023 12:10	4.0	284	24	6.1	0.0
8/12/2023 12:20	4.1	287	22	6.2	0.0
8/12/2023 12:30	3.8	286	21	5.7	0.0
8/12/2023 12:40	3.6	280	32	5.6	0.0
8/12/2023 12:50	3.8	281	22	5.9	0.0
8/12/2023 13:00	4.1	275	19	6.2	0.0
8/12/2023 13:10	4.0	283	23	5.6	0.0
8/12/2023 13:20	4.2	285	21	6.3	0.0
8/12/2023 13:30	4.0	277	24	6.4	0.0
8/12/2023 13:40	4.2	280	23	6.4	0.0
8/12/2023 13:50	3.8	276	25	6.5	0.0
8/12/2023 14:00	3.9	277	35	7.4	0.0
8/12/2023 14:10	4.3	272	29	7.8	0.0
8/12/2023 14:20	4.1	273	27	6.8	0.0
8/12/2023 14:30	4.5	274	21	7.5	0.0
8/12/2023 14:40	4.5	279	20	7.2	0.0
8/12/2023 14:50	3.9	263	27	6.7	0.0
8/12/2023 15:00	4.3	253	33	7.4	0.0
8/12/2023 15:10	3.9	252	33	9.0	0.0
8/12/2023 15:20	4.7	264	38	8.1	0.0
8/12/2023 15:30	3.8	256	46	6.9	0.0
8/12/2023 15:40	3.7	256	39	7.2	0.0
8/12/2023 15:50	4.3	251	32	7.1	0.0
8/12/2023 16:00	3.6	234	51	6.8	0.0
8/12/2023 16:10	3.5	238	54	7.7	0.0
8/12/2023 16:20	4.5	256	37	8.0	0.0
8/12/2023 16:30	4.4	258	36	8.4	0.0
8/12/2023 16:40	4.2	261	41	7.3	0.0
8/12/2023 16:50	4.3	249	44	7.6	0.0
8/12/2023 17:00	4.2	253	49	7.5	0.0
8/12/2023 17:10	4.5	272	38	7.6	0.0
8/12/2023 17:20	4.0	260	41	7.0	0.0
8/12/2023 17:30	3.7	255	42	7.9	0.0
8/12/2023 17:40	3.6	265	46	6.2	0.0
8/12/2023 17:50	3.7	258	36	6.4	0.0
8/12/2023 18:00	3.8	262	40	7.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
8/12/2023 18:10	3.3	252	34	6.0	0.0
8/12/2023 18:20	3.2	249	49	6.0	0.0
8/12/2023 18:30	3.8	247	42	7.0	0.0
8/12/2023 18:40	2.6	237	58	5.5	0.0
8/12/2023 18:50	3.1	236	45	6.4	0.0
8/12/2023 19:00	3.0	256	54	6.0	0.0
8/12/2023 19:10	2.8	252	39	5.7	0.0
8/12/2023 19:20	2.3	229	65	4.3	0.0
8/12/2023 19:30	2.9	248	46	6.0	0.0
8/12/2023 19:40	2.6	249	45	6.0	0.0
8/12/2023 19:50	2.3	255	47	4.3	0.0
8/12/2023 20:00	2.4	263	61	4.0	0.0
8/12/2023 20:10	2.8	254	41	6.0	0.0
8/12/2023 20:20	2.2	258	53	5.8	0.0
8/12/2023 20:30	2.6	238	41	5.9	0.0
8/12/2023 20:40	2.2	243	50	4.8	0.0
8/12/2023 20:50	2.4	254	49	5.2	0.0
8/12/2023 21:00	2.5	216	50	4.7	0.0
8/12/2023 21:10	2.5	264	44	4.8	0.0
8/12/2023 21:20	2.1	255	58	4.6	0.0
8/12/2023 21:30	2.2	257	46	4.1	0.0
8/12/2023 21:40	2.1	273	56	5.1	0.0
8/12/2023 21:50	2.7	259	39	6.2	0.0
8/12/2023 22:00	2.1	264	50	3.9	0.0
8/12/2023 22:10	2.2	260	51	4.9	0.0
8/12/2023 22:20	2.2	243	62	4.2	0.0
8/12/2023 22:30	2.2	260	50	5.2	0.0
8/12/2023 22:40	2.2	246	53	4.5	0.0
8/12/2023 22:50	2.0	252	65	5.2	0.0
8/12/2023 23:00	2.4	261	42	4.1	0.0
8/12/2023 23:10	2.3	251	48	5.9	0.0
8/12/2023 23:20	1.9	240	68	4.0	0.0
8/12/2023 23:30	2.7	241	48	4.7	0.0
8/12/2023 23:40	1.9	235	63	3.8	0.0
8/12/2023 23:50	2.0	233	61	3.9	0.0
9/12/2023 0:00	1.9	191	71	3.8	0.0
9/12/2023 0:10	2.6	236	44	4.6	0.0
9/12/2023 0:20	2.5	216	53	5.2	0.0
9/12/2023 0:30	2.0	196	52	4.1	0.0
9/12/2023 0:40	1.8	228	63	3.6	0.0
9/12/2023 0:50	1.7	201	74	3.4	0.0
9/12/2023 1:00	1.9	218	58	4.0	0.0
9/12/2023 1:10	1.7	260	46	3.9	0.0
9/12/2023 1:20	1.3	232	71	3.5	0.0
9/12/2023 1:30	2.0	189	38	3.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/12/2023 1:40	1.9	208	48	4.5	0.0
9/12/2023 1:50	1.7	226	56	3.4	0.0
9/12/2023 2:00	1.8	224	69	3.5	0.0
9/12/2023 2:10	1.6	206	53	3.5	0.0
9/12/2023 2:20	1.7	247	77	3.9	0.0
9/12/2023 2:30	2.6	234	44	4.6	0.0
9/12/2023 2:40	2.4	213	39	4.1	0.0
9/12/2023 2:50	3.0	224	25	6.1	0.0
9/12/2023 3:00	1.9	227	50	3.5	0.0
9/12/2023 3:10	1.9	235	52	3.5	0.0
9/12/2023 3:20	2.3	257	30	3.8	0.0
9/12/2023 3:30	2.0	238	33	3.9	0.0
9/12/2023 3:40	2.2	253	34	3.6	0.0
9/12/2023 3:50	2.0	235	37	3.3	0.0
9/12/2023 4:00	1.5	191	59	3.2	0.0
9/12/2023 4:10	2.0	209	35	4.4	0.0
9/12/2023 4:20	1.7	223	49	3.4	0.0
9/12/2023 4:30	1.8	205	41	3.5	0.0
9/12/2023 4:40	1.7	210	44	3.5	0.0
9/12/2023 4:50	1.9	224	48	3.4	0.0
9/12/2023 5:00	1.9	210	37	3.5	0.0
9/12/2023 5:10	1.3	212	60	2.9	0.0
9/12/2023 5:20	1.3	203	48	2.4	0.0
9/12/2023 5:30	1.6	214	43	2.6	0.0
9/12/2023 5:40	1.0	232	54	1.9	0.0
9/12/2023 5:50	1.4	219	38	2.4	0.0
9/12/2023 6:00	1.4	226	37	2.8	0.0
9/12/2023 6:10	1.9	205	31	3.9	0.0
9/12/2023 6:20	1.9	239	38	3.6	0.0
9/12/2023 6:30	1.6	218	31	2.9	0.0
9/12/2023 6:40	1.6	268	36	2.6	0.0
9/12/2023 6:50	1.4	243	47	2.4	0.0
9/12/2023 7:00	1.6	253	33	3.3	0.0
9/12/2023 7:10	2.0	260	26	3.4	0.0
9/12/2023 7:20	1.8	243	32	3.3	0.0
9/12/2023 7:30	2.0	237	30	3.8	0.0
9/12/2023 7:40	2.0	232	32	3.6	0.0
9/12/2023 7:50	2.5	233	25	4.3	0.0
9/12/2023 8:00	2.2	231	30	3.9	0.0
9/12/2023 8:10	2.4	238	27	4.2	0.0
9/12/2023 8:20	2.1	235	31	3.3	0.0
9/12/2023 8:30	2.8	197	17	4.6	0.0
9/12/2023 8:40	2.7	196	19	4.3	0.0
9/12/2023 8:50	2.4	245	25	3.6	0.0
9/12/2023 9:00	2.9	269	19	4.4	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/12/2023 9:10	3.0	291	22	4.8	0.0
9/12/2023 9:20	3.4	296	22	4.8	0.0
9/12/2023 9:30	3.5	295	20	5.6	0.0
9/12/2023 9:40	3.5	281	23	5.1	0.0
9/12/2023 9:50	3.8	285	21	5.4	0.0
9/12/2023 10:00	3.4	279	18	5.3	0.0
9/12/2023 10:10	3.4	290	21	5.0	0.0
9/12/2023 10:20	3.4	285	21	4.8	0.0
9/12/2023 10:30	3.9	289	20	6.0	0.0
9/12/2023 10:40	4.1	278	22	6.1	0.0
9/12/2023 10:50	3.5	282	23	5.4	0.0
9/12/2023 11:00	3.9	275	21	6.0	0.0
9/12/2023 11:10	4.0	279	22	6.1	0.0
9/12/2023 11:20	4.2	277	19	6.3	0.0
9/12/2023 11:30	4.2	275	19	6.1	0.0
9/12/2023 11:40	3.9	275	18	6.0	0.0
9/12/2023 11:50	4.0	276	20	6.2	0.0
9/12/2023 12:00	3.8	275	23	5.6	0.0
9/12/2023 12:10	3.8	284	26	6.3	0.0
9/12/2023 12:20	4.1	281	22	6.1	0.0
9/12/2023 12:30	4.3	290	27	6.4	0.0
9/12/2023 12:40	4.2	287	24	6.9	0.0
9/12/2023 12:50	4.2	278	26	6.5	0.0
9/12/2023 13:00	4.4	290	26	7.1	0.0
9/12/2023 13:10	4.9	282	23	7.5	0.0
9/12/2023 13:20	5.1	266	23	7.5	0.0
9/12/2023 13:30	5.0	270	25	7.9	0.0
9/12/2023 13:40	4.1	263	29	7.2	0.0
9/12/2023 13:50	4.9	268	22	7.6	0.0
9/12/2023 14:00	3.9	254	43	7.0	0.0
9/12/2023 14:10	3.6	259	37	6.6	0.0
9/12/2023 14:20	3.8	261	35	6.9	0.0
9/12/2023 14:30	3.8	258	32	6.8	0.0
9/12/2023 14:40	4.1	267	30	6.9	0.0
9/12/2023 14:50	4.4	273	21	6.7	0.0
9/12/2023 15:00	4.2	272	24	7.0	0.0
9/12/2023 15:10	4.2	266	28	6.4	0.0
9/12/2023 15:20	3.9	271	29	6.9	0.0
9/12/2023 15:30	4.8	274	18	7.1	0.0
9/12/2023 15:40	3.7	265	36	5.7	0.0
9/12/2023 15:50	4.6	271	18	7.5	0.0
9/12/2023 16:00	3.8	272	24	6.2	0.0
9/12/2023 16:10	4.4	272	18	6.0	0.0
9/12/2023 16:20	3.8	274	20	5.9	0.0
9/12/2023 16:30	4.6	270	23	7.2	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
9/12/2023 16:40	4.1	274	26	6.9	0.0
9/12/2023 16:50	3.8	270	26	6.5	0.0
9/12/2023 17:00	4.1	267	33	6.4	0.0
9/12/2023 17:10	4.3	273	20	6.4	0.0
9/12/2023 17:20	4.5	272	20	7.2	0.0
9/12/2023 17:30	4.0	268	23	6.0	0.0
9/12/2023 17:40	3.6	271	26	6.1	0.0
9/12/2023 17:50	3.3	265	40	5.9	0.0
9/12/2023 18:00	2.9	271	37	5.2	0.0
9/12/2023 18:10	2.8	257	40	5.4	0.0
9/12/2023 18:20	3.4	263	34	6.0	0.0
9/12/2023 18:30	3.6	265	31	6.6	0.0
9/12/2023 18:40	2.8	244	46	5.2	0.0
9/12/2023 18:50	2.3	244	54	4.8	0.0
9/12/2023 19:00	2.0	244	45	4.4	0.0
9/12/2023 19:10	2.6	251	37	5.2	0.0
9/12/2023 19:20	2.5	255	36	4.0	0.0
9/12/2023 19:30	2.3	271	44	4.7	0.0
9/12/2023 19:40	2.4	276	26	3.8	0.0
9/12/2023 19:50	1.8	228	45	3.3	0.0
9/12/2023 20:00	1.1	82	59	2.1	0.0
9/12/2023 20:10	3.0	197	22	4.9	0.0
9/12/2023 20:20	1.7	251	33	3.2	0.0
9/12/2023 20:30	1.4	276	34	2.7	0.0
9/12/2023 20:40	1.8	79	66	2.9	0.0
9/12/2023 20:50	1.7	201	20	2.5	0.0
9/12/2023 21:00	1.3	214	24	2.4	0.0
9/12/2023 21:10	1.1	256	24	1.9	0.0
9/12/2023 21:20	1.2	291	30	1.9	0.0
9/12/2023 21:30	1.0	147	19	1.4	0.0
9/12/2023 21:40	0.8	165	18	1.2	0.0
9/12/2023 21:50	0.5	338	5	1.6	0.0
9/12/2023 22:00	0.5	320	11	1.2	0.0
9/12/2023 22:10	0.5	198	22	0.8	0.0
9/12/2023 22:20	0.8	343	13	1.2	0.0
9/12/2023 22:30	0.3	315	2	1.2	0.0
9/12/2023 22:40	0.4	39	14	1.2	0.0
9/12/2023 22:50	0.5	225	10	1.1	0.0
9/12/2023 23:00					0.0
9/12/2023 23:10					0.0
9/12/2023 23:20					0.0
9/12/2023 23:30					0.0
9/12/2023 23:40					0.0
9/12/2023 23:50					0.0
10/12/2023 0:00					0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 0:10					0.0
10/12/2023 0:20					0.0
10/12/2023 0:30	0.8	318	33	1.6	0.0
10/12/2023 0:40	1.5	275	14	2.2	0.0
10/12/2023 0:50	1.8	263	14	2.4	0.0
10/12/2023 1:00	1.5	256	15	2.0	0.0
10/12/2023 1:10	1.3	268	18	2.2	0.0
10/12/2023 1:20	0.8	268	15	1.4	0.0
10/12/2023 1:30	0.8	286	13	1.3	0.0
10/12/2023 1:40	0.9	279	16	1.2	0.0
10/12/2023 1:50	0.9	270	22	1.3	0.0
10/12/2023 2:00	0.3	232	12	1.1	0.0
10/12/2023 2:10	0.9	166	18	1.4	0.0
10/12/2023 2:20	0.9	339	12	1.6	0.0
10/12/2023 2:30	0.9	330	20	1.2	0.0
10/12/2023 2:40					0.0
10/12/2023 2:50	0.4	4	14	1.3	0.0
10/12/2023 3:00					0.0
10/12/2023 3:10					0.0
10/12/2023 3:20	0.5	317	6	1.2	0.0
10/12/2023 3:30	0.1	304	5	0.6	0.0
10/12/2023 3:40	0.0	236	1	0.4	0.0
10/12/2023 3:50					0.0
10/12/2023 4:00					0.0
10/12/2023 4:10	0.2	85	4	0.9	0.0
10/12/2023 4:20	1.2	101	10	1.7	0.0
10/12/2023 4:30	1.2	101	16	2.0	0.0
10/12/2023 4:40	0.2	16	16	0.9	0.0
10/12/2023 4:50	0.5	98	11	1.1	0.0
10/12/2023 5:00	1.2	98	11	2.0	0.0
10/12/2023 5:10	1.5	113	15	2.0	0.0
10/12/2023 5:20	1.5	125	22	2.3	0.0
10/12/2023 5:30	1.8	109	16	2.5	0.0
10/12/2023 5:40	2.0	117	16	3.0	0.0
10/12/2023 5:50	2.4	118	15	3.3	0.0
10/12/2023 6:00	2.2	111	17	3.2	0.0
10/12/2023 6:10	2.1	110	21	3.5	0.0
10/12/2023 6:20	2.5	106	22	4.1	0.0
10/12/2023 6:30	3.1	111	22	5.4	0.0
10/12/2023 6:40	3.8	109	24	6.3	0.0
10/12/2023 6:50	5.0	104	28	9.9	0.0
10/12/2023 7:00	5.5	98	23	9.7	0.0
10/12/2023 7:10	5.7	91	23	9.2	0.0
10/12/2023 7:20	6.5	89	17	10.0	0.0
10/12/2023 7:30	5.7	94	22	9.5	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 7:40	5.7	102	22	9.5	0.0
10/12/2023 7:50	5.2	100	23	8.0	0.0
10/12/2023 8:00	6.2	86	16	9.5	0.0
10/12/2023 8:10	7.1	85	16	10.9	0.0
10/12/2023 8:20	7.2	86	17	11.3	0.0
10/12/2023 8:30	7.4	85	15	10.9	0.0
10/12/2023 8:40	7.5	85	14	10.2	0.0
10/12/2023 8:50	6.9	88	13	9.5	0.0
10/12/2023 9:00	5.9	86	17	8.7	0.0
10/12/2023 9:10	7.0	85	13	9.3	0.0
10/12/2023 9:20	6.6	83	13	9.5	0.0
10/12/2023 9:30	6.9	83	13	9.8	0.0
10/12/2023 9:40	6.1	81	18	8.3	0.0
10/12/2023 9:50	6.3	80	15	9.2	0.0
10/12/2023 10:00	6.6	75	13	9.2	0.0
10/12/2023 10:10	6.0	82	16	8.6	0.0
10/12/2023 10:20	6.3	77	14	9.1	0.0
10/12/2023 10:30	6.1	71	16	9.1	0.0
10/12/2023 10:40	6.1	71	15	8.8	0.0
10/12/2023 10:50	6.0	73	16	9.0	0.0
10/12/2023 11:00	5.8	65	15	8.5	0.0
10/12/2023 11:10	5.9	60	15	8.7	0.0
10/12/2023 11:20	5.9	63	14	8.1	0.0
10/12/2023 11:30	5.8	59	16	8.5	0.0
10/12/2023 11:40	5.6	56	14	7.5	0.0
10/12/2023 11:50	5.4	62	16	7.9	0.0
10/12/2023 12:00	5.5	63	15	8.1	0.0
10/12/2023 12:10	5.7	58	14	8.0	0.0
10/12/2023 12:20	6.0	62	16	8.5	0.0
10/12/2023 12:30	6.1	56	12	8.3	0.0
10/12/2023 12:40	6.1	59	11	7.6	0.0
10/12/2023 12:50	5.8	58	11	7.9	0.0
10/12/2023 13:00	5.5	56	13	7.2	0.0
10/12/2023 13:10	4.9	49	14	7.4	0.0
10/12/2023 13:20	5.5	47	12	7.7	0.0
10/12/2023 13:30	5.2	49	15	7.2	0.0
10/12/2023 13:40	5.3	48	14	7.3	0.0
10/12/2023 13:50	5.0	45	12	7.1	0.0
10/12/2023 14:00	5.3	45	13	7.0	0.0
10/12/2023 14:10	5.4	45	14	7.8	0.0
10/12/2023 14:20	5.1	43	14	7.1	0.0
10/12/2023 14:30	5.2	39	13	7.2	0.0
10/12/2023 14:40	4.8	43	14	6.8	0.0
10/12/2023 14:50	5.1	40	12	7.0	0.0
10/12/2023 15:00	5.3	38	13	7.3	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 15:10	5.3	32	13	6.9	0.0
10/12/2023 15:20	4.9	39	14	7.4	0.0
10/12/2023 15:30	4.6	43	15	6.5	0.0
10/12/2023 15:40	4.4	41	15	6.8	0.0
10/12/2023 15:50	4.7	35	16	6.4	0.0
10/12/2023 16:00	4.5	34	16	6.0	0.0
10/12/2023 16:10	4.4	35	17	6.2	0.0
10/12/2023 16:20	4.3	32	17	6.1	0.0
10/12/2023 16:30	4.0	33	16	5.6	0.0
10/12/2023 16:40	4.0	53	12	5.6	0.0
10/12/2023 16:50	3.7	57	14	5.3	0.0
10/12/2023 17:00	3.9	52	13	5.3	0.0
10/12/2023 17:10	3.4	36	17	5.1	0.0
10/12/2023 17:20	3.4	39	13	4.8	0.0
10/12/2023 17:30	3.1	30	18	4.8	0.0
10/12/2023 17:40	3.6	181	19	5.9	0.0
10/12/2023 17:50	3.7	347	15	5.3	0.0
10/12/2023 18:00	3.8	349	16	5.3	0.0
10/12/2023 18:10	3.5	348	12	4.9	0.0
10/12/2023 18:20	3.1	338	13	4.5	0.0
10/12/2023 18:30	3.5	339	14	4.9	0.0
10/12/2023 18:40	3.1	330	11	4.3	0.0
10/12/2023 18:50	3.0	335	14	4.4	0.0
10/12/2023 19:00	3.0	339	10	4.2	0.0
10/12/2023 19:10	2.7	334	12	3.7	0.0
10/12/2023 19:20	2.5	329	12	3.8	0.0
10/12/2023 19:30	3.0	329	14	4.1	0.0
10/12/2023 19:40	2.4	325	14	3.5	0.0
10/12/2023 19:50	2.0	306	14	2.9	0.0
10/12/2023 20:00	2.4	316	12	3.3	0.0
10/12/2023 20:10	1.7	294	16	2.6	0.0
10/12/2023 20:20	2.2	298	18	3.6	0.0
10/12/2023 20:30	2.2	307	14	3.2	0.0
10/12/2023 20:40	1.9	288	21	3.5	0.0
10/12/2023 20:50	2.3	264	14	3.3	0.0
10/12/2023 21:00	2.2	267	18	3.2	0.0
10/12/2023 21:10	2.4	272	15	3.6	0.0
10/12/2023 21:20	1.8	260	28	3.1	0.0
10/12/2023 21:30	1.4	231	45	2.6	0.0
10/12/2023 21:40	1.7	226	32	3.0	0.0
10/12/2023 21:50	2.1	209	30	3.3	0.0
10/12/2023 22:00	2.6	204	20	4.3	0.0
10/12/2023 22:10	2.7	210	23	4.4	0.0
10/12/2023 22:20	3.0	202	20	4.5	0.0
10/12/2023 22:30	2.9	211	22	4.6	0.0



Yara Pilbara Nitrates- Hearson Cove 2023-24 Meteorological Conditions

Date/Time	WS	WD	Sigma	WS_Gust	Rain
	m/s	°	°	m/s	mm
10/12/2023 22:40	3.3	201	14	5.5	0.0
10/12/2023 22:50	3.4	210	19	5.0	0.0
10/12/2023 23:00	3.5	199	15	5.4	0.0
10/12/2023 23:10	3.7	199	15	5.6	0.0
10/12/2023 23:20	3.8	208	20	5.4	0.0
10/12/2023 23:30	3.7	207	20	5.6	0.0
10/12/2023 23:40	3.3	199	18	4.9	0.0
10/12/2023 23:50	3.2	205	18	4.9	0.0
11/12/2023 0:00	3.6	202	15	5.7	0.0
11/12/2023 0:10	4.0	201	18	6.0	0.0
11/12/2023 0:20	4.0	195	14	5.7	0.0
11/12/2023 0:30	4.2	194	12	6.0	0.0
11/12/2023 0:40	4.2	194	11	5.7	0.0
11/12/2023 0:50	4.2	201	10	5.3	0.0
11/12/2023 1:00	2.5	279	49	4.1	0.0
11/12/2023 1:10	1.3	131	53	2.8	0.0
11/12/2023 1:20	1.7	246	47	3.2	0.0
11/12/2023 1:30	2.6	201	19	3.9	0.0
11/12/2023 1:40	2.9	195	14	4.0	0.0
11/12/2023 1:50	2.8	192	12	3.9	0.0
11/12/2023 2:00	3.4	194	9	4.4	0.0
11/12/2023 2:10	2.2	197	12	3.2	0.0
11/12/2023 2:20	2.3	201	15	3.2	0.0
11/12/2023 2:30	2.4	206	19	4.4	0.0
11/12/2023 2:40	3.3	191	16	5.0	0.0
11/12/2023 2:50	3.3	162	22	5.2	0.0
11/12/2023 3:00	3.7	151	21	7.0	0.0
11/12/2023 3:10	3.4	144	20	5.2	0.0
11/12/2023 3:20	2.6	133	30	5.2	0.0
11/12/2023 3:30	3.2	113	19	5.0	0.0
11/12/2023 3:40	3.2	110	18	5.2	0.0
11/12/2023 3:50	3.0	104	22	4.4	0.0
11/12/2023 4:00	4.1	112	17	5.9	0.0
11/12/2023 4:10	4.1	117	16	5.6	0.0
11/12/2023 4:20	3.9	93	18	6.2	0.0
11/12/2023 4:30	5.5	84	13	7.9	0.0
11/12/2023 4:40	4.8	92	19	6.9	0.0
11/12/2023 4:50	3.9	92	20	6.6	0.0
11/12/2023 5:00	4.2	93	18	6.7	0.0
11/12/2023 5:10	3.6	111	20	6.6	0.0
11/12/2023 5:20	3.6	98	21	5.9	0.0
11/12/2023 5:30	4.4	98	22	7.3	0.0
11/12/2023 5:40	3.8	100	22	6.8	0.0
11/12/2023 5:50	4.2	99	23	7.6	0.0
11/12/2023 6:00	4.2	101	23	6.2	0.0